

HP 8560A, 8561B, and 8563A Spectrum Analyzers Component-Level Information Packets

HP Part Number 5958-7187

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Thanks

Dave & Lynn Henderson
Artek Media

Component-Level Information Packets

General CLIP Information

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General CLIP Information

Component-Level Information Packets (CLIPs) provide information for selected, repairable instrument assemblies. Each CLIP contains a parts list, component-location diagram, and schematic diagram. Each CLIP has an HP part number, which is changed whenever the HP part number for its related instrument assembly is changed.

Updated or replacement CLIPs may be ordered through your local Hewlett-Packard Sales or Service office. Use the CLIP part number provided in Table A-1 of the Service Manual for the instrument documented by this CLIP set.

The information included in this "General CLIP Information" packet is listed below.

- Table 1 provides a guide to reference designations, abbreviations, and multipliers used in the "Description" column of the parts lists.
- Table 2 lists manufacturer codes used in the "Mfr Code" column of the parts lists, along with the names of the manufacturers they represent.
- Figure 1 provides a guide to graphics symbols used on schematic and block diagrams.
- Foldout 1 is an illustration of the general layout of schematic and block diagrams.

Table 1. Reference Designations, Abbreviations, and Multipliers (1 of 4)

REFERENCE DESIGNATIONS					
A	Assembly	F	Fuse	RT	Thermistor
AT	Attenuator, Isolator, Limiter, Termination	FL	Filter	S	Switch
B	Fan, Motor	HY	Circulator	T	Transformer
BT	Battery	J	Electrical Connector (Stationary Portion), Jack	TB	Terminal Board
C	Capacitor	K	Relay	TC	Thermocouple
CP	Coupler	L	Coil, Inductor	TP	Test Point
CR	Diode, Diode Thyristor, Step Recovery Diode, Varactor	M	Meter	U	Integrated Circuit, Microcircuit
DC	Directional Coupler	MP	Miscellaneous Mechanical Part	V	Electron Tube
DL	Delay Line	P	Electrical Connector (Movable Portion), Plug	VR	Breakdown Diode (Zener), Voltage Regulator
DS	Annunciator, Lamp, Light Emitting Diode (LED), Signaling Device (Visible)	Q	Silicon Controlled Rectifier (SCR), Transistor, Triode Thyristor	W	Cable, Wire, Jumper
E	Miscellaneous Electrical Part	R	Resistor	X	Socket
				Y	Crystal Unit (Piezoelectric, Quartz)
				Z	Tuned Cavity, Tuned Circuit
ABBREVIATIONS					
A		BSC	Basic	CNDCT	Conducting, Conductive, Conductivity, Conductor
A	Across Flats, Acrylic, Air (Dry Method), Ampere	BTN	Button	CONT	Contact, Continuous, Control, Controller
ADJ	Adjust, Adjustment	C		CONV	Converter
ANSI	American National Standards Institute (formerly USASI-ASA)	C	Capacitance, Capacitor, Center Tapped, Cermet, Cold, Compression	CPRSN	Co mpression
ASSY	Assembly	CCP	Carbon Composition Plastic	CUP-PT	Cup Point
AWG	American Wire Gage	CD	Cadmium, Card, Cord	CW	Clockwise, Continuous Wave
B		CER	Ceramic	D	
BCD	Binary Coded Decimal	CHAM	Chamfer	D	Deep, Depletion, Depth, Diameter, Direct Current
BD	Board, Bundle	CHAR	Character, Characteristic, Charcoal	DA	Darlington
BE-CU	Beryllium Copper	CMOS	Complementary Metal Oxide Semiconductor		
BNC	Type of Connector				
BRG	Bearing, Boring				
BRS	Brass				

Table 1. Reference Designations, Abbreviations, and Multipliers (2 of 4)

ABBREVIATIONS					
DAP-GL	Diallyl Phthalate Glass	FT	Current Gain Bandwidth Product (Transition Frequency), Feet, Foot	JFET	Junction Field Effect Transistor
DBL	Double				K
DCDR	Decoder	FXD	Fixed	K	Kelvin, Key, Kilo, Potassium
DEG	Degree			KNRLD	Knurled
D-HOLE	D-Shaped Hole			KVDC	Kilovolts
DIA	Diameter				Direct Current
DIP	Dual In-Line Package	GEN	General, Generator		L
DIP-SLDR	Dip Solder	GND	Ground		
D-MODE	Depletion Mode	GP	General Purpose, Group	LED	Light Emitting Diode
DO	Package Type Designation			LG	Length, Long
DP	Deep, Depth, Diametric Pitch, Dip			LIN	Linear, Linearity
DP3T	Double Pole Three Throw	H	Henry, High	LK	Link, Lock
DPDT	Double Pole Double Throw	HDW	Hardware	LKG	Leakage, Locking
DWL	Dowell	HEX	Hexadecimal, Hexagon, Hexagonal	LUM	Luminous
	E	HLCL	Helical		
E-R	E-Ring	HP	Hewlett-Packard Company, High Pass		M
EXT	Extended, Extension, External, Extinguish			M	Male, Maximum, Mega, Mil, Milli, Mode
	F	I		MA	Milliampere
F	Fahrenheit, Farad, Female, Film (Resistor), Fixed, Flange, Frequency	IC	Collector Current, Integrated Circuit	MACH	Machined
FC	Carbon Film/Composition, Edge of Cutoff Frequency, Face	ID	Identification, Inside Diameter	MAX	Maximum
FDTHRU	Feedthrough	IF	Forward Current, Intermediate Frequency	MC	Molded Carbon Composition
FEM	Female	IN	Inch	MET	Metal, Metallized
FIL-HD	Fillister Head	INCL	Including	MHZ	Megahertz
FL	Flash, Flat, Fluid	INT	Integral, Intensity, Internal	MINTR	Miniature
FLAT-PT	Flat Point			MIT	Miter
FR	Front			MLD	Mold, Molded
FREQ	Frequency			MM	Magnetized Material, Millimeter
		J		MOM	Momentary
		J-FET	Junction Field Effect Transistor	MTG	Mounting
				MTLC	Metallic
				MW	Milliwatt

Table 1. Reference Designations, Abbreviations, and Multipliers (3 of 4)

ABBREVIATIONS					
N		PLSTC	Plastic	SMA	Subminiature, A Type (Threaded Connector)
N	Nano, None	PNL	Panel		
N-CHAN	N-Channel	PNP	Positive Negative Positive (Transistor)	SMB	Subminiature, B Type (Slip-on Connector)
NH	Nanohenry	POLYC	Polycarbonate		
NM	Nanometer, Nonmetallic	POLYE	Polyester	SMC	Subminiature, C-Type (Threaded Connector)
NO	Normally Open, Number	POT	Potentiometer		
NOM	Nominal	POZI	Pozidriv Recess	SPCG	Spacing
NPN	Negative Positive Negative (Transistor)	PREC	Precision	SPDT	Single Pole Double Throw
NS	Nanosecond, Non-Shorting, Nose	PRP	Purple, Purpose	SPST	Single Pole Single Throw
NUM	Numeric	PSTN	Piston		
NYL	Nylon (Polyamide)	PT	Part, Point, Pulse Time	SQ	Square
		PW	Pulse Width	SST	Stainless Steel
				STL	Steel
		Q		SUBMIN	Subminiature Size
	O	Q	Figure of Merit	SZ	
OA	Over-All				
OD	Outside Diameter	R			
OP AMP	Operational Amplifier	R	Range, Red, Resistance, Resistor, Right, Ring	T	
OPT	Optical, Option, Optional	REF	Reference	T	Teeth, Temperature, Thickness, Time, Timed, Tooth, Typical
	P	RES	Resistance, Resistor		
PA	Picoampere, Power Amplifier	RF	Radio Frequency	TA	Ambient Temperature, Tantalum
PAN-HD	Pan Head	RGD	Rigid		
PAR	Parallel, Parity	RND	Round	TC	Temperature Coefficient
PB	Lead (Metal), Pushbutton	RR	Rear		
PC	Printed Circuit	RVT	Rivet, Riveted	THD	Thread, Threaded
PCB	Printed Circuit Board			THK	Thick
P-CHAN	P-Channel	SAWR	Surface Acoustic Wave Resonator	TO	Package Type Designation
PD	Pad, Power Dissipation	SEG	Segment	TPG	Tapping
PF	Picofarad, Power Factor	SGL	Single	TR-HD	Truss Head
PKG	Package	SI	Silicon, Square Inch	TRMR	Trimmer
		SL	Slide, Slow	TRN	Turn, Turns
		SLT	Slot, Slotted	TRSN	Torsion

Table 1. Reference Designations, Abbreviations, and Multipliers (4 of 4)

ABBREVIATIONS					
U		VAR	Variable	Y	
		VDC	Volts—Direct Current		
UCD	Microcandela			YIG	Yttrium-Iron-Garnet
UF	Microfarad				
UH	Microhenry	W			
UL	Microliter,				
	Underwriters' Laboratories, Inc.	W	Watt, Wattage, White, Wide, Width	Z	
UNHDND	Unhardened	W/SW	With Switch	ZNR	Zener
		WW	Wire Wound		
V		X			
V	Variable, Violet, Volt, Voltage	X	By (Used with Dimensions), Reactance		
VAC	Vacuum, Volts—Alternating Current				

MULTIPLIERS					
Abbreviation	Prefix	Multiple	Abbreviation	Prefix	Multiple
T	tera	10^{12}	m	milli	10^{-3}
G	giga	10^9	μ	micro	10^{-6}
M	mega	10^6	n	nano	10^{-9}
k	kilo	10^3	p	pico	10^{-12}
da	deka	10^2	f	femto	10^{-15}
d	deci	10^{-1}	a	atto	10^{-18}
c	centi	10^{-2}			

Table 2. Manufacturers Code List

Mfr Code	Manufacturer Name	Address	Country	ZIP Code
00039	NEC ELECTRONICS INC	MTN VIEW, CA	US	94043
00046	UNITRODE CORP	LEXINGTON, MA	US	02173
00075	ARIZONA COIL INC	NOGALES, AZ	US	85621
00273	STILLWATER MFG CO	EAST FREEDOM, MA	US	02717
00278	MCCOY ELECTRONICS CO	HOLLY SPRINGS, PA	US	17065
00350	EXAR INTEGRATED SYSTEMS INC	SUNNYVALE, CA	US	94086
00466	NORELCO NORTH AMER PHILIPS LTG CORP	LOS ANGELES, CA	US	90021
00493	UNITED CHEMI-CON INC	COMPTON, CA	US	90220
00746	ROHM CORP	IRVINE, CA	US	92713
00779	NICHICON (AMERICA) CORP	SCHAUMBERG, IL	US	60195
00830	KYOCERA INTERNATIONAL INC	SAN DIEGO, CA	US	
00901	UNION CARBIDE CORP	DANBURY, CT	US	06810
01064	SCHAAL BROS INC	BERTHOUD, CO	US	80513
01074	HOLSWORTHY ELECTRONICS LTD	HOLSWORTHY	EG	
01128	RES-NET CORP	WHIPPANY, NJ	US	07981
01131	WESTERN THERMISTOR CORP	OCEANSIDE, CA	US	92054
01136	ELCO INDUSTRIES INC	ROCKFORD, IL	US	61125
01172	R C D COMPONENTS INC	BEDFORD, NH	US	03102
01185	MAGNET WIRE CORP	NEW YORK, NY	US	10013
01230	AEROVOX CORP	NEW BEDFORD, MA	US	02741
01250	GTE SYLVANIA ELEK COMPONENTS GROUP	WALTHAM, MA	US	02154
01339	GETTIG ENGRG & MFG CO INC	SPRING MILLS, PA	US	16875
01380	AMP INC	HARRISBURG, PA	US	17111
01409	CROVEN CRYSTALS	WHITBY	CN	L1N 5
01417	NEL FREQUENCY CONTROLS INC	BURLINGTON, WI	US	53105
01452	SANGAMO WESTON INC	NORCROSS, GA	US	30071
01461	GOE ENGINEERING CO INC	ONTARIO, CA	US	91761
01468	STETTNER & CO	LAUF	GM	D-856
01478	BOYD CORP	PLEASANTON, CA	US	94566
01542	HP DIV 01 SAN JOSE COMPONENTS	SAN JOSE, CA	US	95131
01590	PLESSEY SEMICONDUCTORS	SANTA ANA, CA	US	92705
01607	ALLEN-BRADLEY CO INC	EL PASO, TX	US	79935
01688	MURATA CORPORATION OF AMERICA	MARIETTA, GA	US	30067
01691	TRW INC SEMICONDUCTOR DIV	LAWNDALE, CA	US	90260
01698	TEXAS INSTRUMENTS INC	DALLAS, TX	US	75265
01708	JUBULATION	SANTA CRUZ, CA	US	95060
01736	ALLIED ELECTRONICS CORP	CHICAGO, IL	US	60612
01760	MATSUO ELECTRONICS OF AMERICA	HUNTINGTON BEACH, CA	US	90245
01795	SYNERTEK	SANTA CLARA, CA	US	95051
01850	AROMAT CORP	MOUNTAINSIDE, NJ	US	07092
01854	RCL ELECTRONICS INC	NORTHBROOK, IL	US	60062
01869	PULSE ENGINEERING INC	SAN DIEGO, CA	US	92111
01876	HP DIV 02 SCD IC'S	SANTA CLARA, CA	US	95050
01885	HAMILTON STANDARD CONTROLS INC	WINDWOR LOCKS, CT	US	06096
01886	COILCRAFT INC	CARY, IL	US	60013
01887	FERROXCUBE CORP	SAUGERTIES, NY	US	12477

Table 2. Manufacturers Code List (continued)

Mfr Code	Manufacturer Name	Address	Country	ZIP Code
01898	HL-G CO INC	HARTFORD, CT	US	06114
01916	BUNKER RAMO CORP AMPHENOL CONN DIV	BROADVILLE, IL	US	60153
01921	RCA CORP	NEW YORK, NY	US	10112
01923	NYLOGRIP PRODUCTS	WALTHAM, MA	US	02154
01924	ITW FASTEX	DES PLAINES, IL	US	60016
01939	ELPAC INC COMPONENTS DIV	IRVINE, CA	US	92664
01943	HP DIV 04 SPD CABLES 64	PALO ALTO, CA	US	94304
01953	HP DIV 04 SPD MOLDING 91	PALO ALTO, CA	US	94304
01973	GE CO SEMICONDUCTOR PROD DEPT	AUBURN, NY	US	13201
01991	TRANSITRON ELECTRONIC CORP	WAKEFIELD, MA	US	01880
01992	KDI PYROFILM CORP	WHIPPANY, NJ	US	07981
01993	MARKEL CORP	NORRISTOWN, PA	US	19404
02010	AVX CORP	GREAT NECK, NY	US	11021
02030	NATIONAL WIRE & CABLE CO INC	LOS ANGELES, CA	US	90031
02037	MOTOROLA INC	ROSELLE, IL	US	60195
02038	UNICORP	ORANGE, NJ	US	07050
02062	HP DIV 05 MSD	SAN JOSE, CA	US	94304
02086	WESTINGHOUSE ELEC CORP SEMICON DEPT	YOUNGWOOD, PA	US	15697
02091	ULTRONIX INC	GRAND JUNCTION, CO	US	81501
02123	EG & G INC	WELLESLEY, MA	US	02181
02139	MEPCO/ELECTRA INC	MORRISTOWN, NJ	US	07960
02145	RAYCHEM CORP	MENLO PARK, CA	US	94025
02160	PANDUIT CORP	TINLEY PARK, IL	US	60477
02170	AMATOM ELEK HARDWARE DIV OF MITE	NEW ROCHELLE, NY	US	06515
02172	JEFFERS ELECTRONICS INC	NOGALES, AZ	US	85621
02180	PRECISION MONOLITHICS INC	SANTA CLARA, CA	US	95054
02191	CORNING COMPONENTS INC	CORNING, NY	US	14830
02194	ROBINSON NUGENT INC	NEW ALBANY, IN	US	47150
02210	MILTON ROSS CO	SOUTHHAMPTON, PA	US	18966
02215	KELVIN ELECTRIC CO	VAN NUYS, CA	US	91401
02236	SILICON TRANSISTOR CORP	CHELMSFORD, MA	US	11530
02237	FAIRCHILD SEMICONDUCTOR CORP	CUPERTINO, CA	US	95014
02273	TRW INC BURLINGTON DIV	BURLINGTON, IA	US	52601
02290	RAYTHEON CO SEMICONDUCTOR DIV HQ	MOUNTAIN VIEW, CA	US	94040
02296	HP DIV 08 COLO SPRGS	COLORADO SPRGS, CO	US	80907
02344	GE CO MINIATURE LAMP PROD DEPT	CLEVELAND, OH	US	44112
02362	HP DIV 09 LID COMPONENTS	LOVELAND, CO	US	80537
02363	HP DIV C5 COLORADO IC	FT COLLINS, CO	US	80525
02366	KOA SPEER ELECTRONICS INC	BRADFORD, PA	US	16701
02367	CORNELL-DUBILIER/SANGAMO	WAYNE, NJ	US	07470
02379	TEXAS CAPACITOR CO INC	HOUSTON, TX	US	77036
02392	C & K COMPONENTS INC	NEWTON, MA	US	02158
02408	DIXON INDUSTRIES CORPORATION	BRISTOL, RI	US	02809
02414	BURNDY CORP	NORWALK, CT	US	06856
02415	DALE ELECTRONICS INC	YANKTON, SD	US	57078
02440	THOMPSON BREMER DIV VARE	CHICAGO, IL	US	60622

Table 2. Manufacturers Code List (continued)

Mfr Code	Manufacturer Name	Address	Country	ZIP Code
02465	ANILLO INDUSTRIES INC	ORANGE, CA	US	92667
02483	CTS CORP	ELKHART, IN	US	46514
02484	CTS CORP PASO ROBLES	PASO ROBLES, CA	US	93446
02499	IRC INC	BOONE, NC	US	28607
02501	TELEDYNE INDUSTRIES INC	LOS ANGELES, CA	US	90067
02556	MONTROSE PRODUCTS CO	AUBURN, MA	US	01501
02567	OMTRONICS MFG INC	OMAHA, NE	US	68105
02569	CRYSTALONICS, DIV TELEDYNE	CAMBRIDGE, MA	US	02140
02572	TELEDYNE THERMATICS	ELM CITY, NC	US	27822
02574	RLC ELECTRONICS INS	MT KISCO, NY	US	10549
02577	HAMLIN INC	LAKE MILLS, WI	US	53551
02582	CLAROSTAT MFG CO INC	DOVER, NH	US	03820
02598	UNITRODE CORP	WATERTOWN, MA	US	02172
02603	NATIONAL WIRE & STAMPING INC	ENGLEWOOD, CO	US	80110
02608	THERMALLOY INC	DALLAS, TX	US	75234
02619	SOLITRON DEVICES INC (DIODES)	TAPPAN, NY	US	10983
02634	SPRAGUE ELECTRIC SEMICON DIV	CONCORD, NH	US	03301
02664	SEMTECH CORP	NEWBURY PARK, CA	US	91320
02668	EDISON ELEK DIV MCGRAW-EDISON	MANCHESTER, NH	US	03130
02675	AMERICAN COMPONENTS INC	CONSHOHOCKEN, PA	US	19428
02682	ITT SEMICONDUCTORS DIV	TUSTIN, CA	US	92680
02685	LOBAUGH ROLLIN J	SOUTH SAN FRANC, CA	US	94080
02686	WATKINS-JOHNSON CO	PALO ALTO, CA	US	94304
02688	MICROSEMI CORP	SCOTSDALE, AZ	US	85252
02696	CORNING GLASS WORKS ELEK PROD DIV	CORNING, NY	US	14830
02706	WARD LEONARD HAGERSTOWN DIV	HAGERSTOWN, MD	US	21740
02713	GENERAL INSTRUMENT CORP (DIODE)	HICKSVILLE, NY	US	11802
02718	VALOR ELECTRONICS INC	SANTA ANA, CA	US	92705
02734	AMETEK INC RODAN DIV	ANAHEIM, CA	US	92806
02739	MINI-CIRCUITS LAB	BROOKLYN, NY	US	11235
02744	ELEC-TROL INC	SAUGUS, CA	US	91350
02761	FENWAL ELECTRONICS INC	SADDLE BROOK, NJ	US	07662
02763	TELEDYNE SEMICONDUCTOR	MOUNTAIN VIEW, CA	US	94043
02771	ANSLEY ELECTRIC	LOS ANGELES, CA	US	90032
02788	M/A-COM INC	BURLINGTON, MA	US	01803
02798	CORNING ELECTRONICS	RALEIGH, NC	US	27604
02803	CODI SEMICONDUCTOR	LINDEN, NJ	US	07410
02805	COOPER INDUSTRIES INC	HOUSTON, TX	US	77210
02813	U S CAPACITOR CORP	BURBANK, CA	US	91504
02826	DENNISON MFG CO	FRAMINGHAM, MA	US	01701
02856	MOHAWK SPRING CO INC	ARLINGTON HEIGH, IL	US	60008
02865	ALPHA INDUSTRIES INC	WOBURN, MA	US	01801
02877	ANGSTROHM PRECISION INC	VAN NUYS, CA	US	91405
02883	SILICONIX INC	SANTA CLARA, CA	US	95054
02910	SIGNETICS CORP	SUNNYVALE, CA	US	94086
02923	CHOMERICS INC	WOBURN, MA	US	01801

Table 2. Manufacturers Code List (continued)

Mfr Code	Manufacturer Name	Address	Country	ZIP Code
02928	VISHAY INTERTECHNOLOGY INC	MALVERN, PA	US	19355
02937	VOLTRONICS CORP	HANOVER, NJ	US	07936
02946	DUPONT E I DE NEMOURS & CO	WILMINGTON, DE	US	19801
02995	MEPCO/CENTRALAB INC	RIVIERA, FL	US	33404
03038	INTL RECTIFIER CORP	LOS ANGELES, CA	US	90069
03122	EMCON DIV ITW	SAN DIEGO, CA	US	92129
03123	MICRO-OHM CORP	EL TORO, CA	US	92630
03171	SOLITRON DEVICES INC	PALM BEACH, FL	US	33404
03172	TRW MICROWAVE	SUNNYVALE, CA	US	94086
03174	ANZAC ELEK DIV ADAMS-RUSSEL CO INC	WALTHAM, MA	US	02154
03206	DUPONT CONNECTOR SYSTEMS	CAMP HILL, PA	US	17011
03232	PRODUCT COMPONENT CORP	MT VERNON, NY	US	10553
03239	WAVETEK	SAN DIEGO, CA	US	92111
03257	M-TRON INDUSTRIES INC	YANKTON, SD	US	57078
03259	STANFORD APPLIED ENGINEERING	SANTA CLARA, CA	US	95054
03263	ELECTRONIZED CHEMICALS CORP	BURLINGTON, MA	US	01803
03273	GOWANDA ELECTRONICS CORP	GOWANDA, NY	US	14070
03282	GENERAL CABLE CORP	NEW YORK, NY	US	10017
03285	ANALOG DEVICES INC	NORWOOD, MA	US	02062
03291	AVANTEK INC	SANTA CLARA, CA	US	95054
03292	CORNING GLASS WORKS	CORNING, NY	US	14830
03297	EMC TECHNOLOGY INC	CHERRY HILL, NJ	US	08034
03316	SPECIALTY CONNECTOR CO	FRANKLIN, IN	US	46131
03317	AEG-TELEFUNKEN CORP	ENGLEWOOD, NJ	US	07632
03334	NV PHILIPS ELCOMA	EINDHOVEN	NE	02876
03352	SWISS AUTOMATICS INC	COLUMBUS, NE	US	68601
03371	USM CORP NYLOK FASTENER DIV	TORRANCE, CA	US	90501
03380	GRIES/DYNACAST CO DIV COATES-CLARK	NEW ROCHELLE, NY	US	10802
03389	VARADYNE INC	SANTA MONICA, CA	US	90404
03394	METHODE ELECTRONICS INC	CHICAGO, IL	US	60656
03395	MEPCO/CENTRALAB INC	WEST PALM BEACH, FL	US	33407
03406	NATIONAL SEMICONDUCTOR CORP	SANTA CLARA, CA	US	95052
03412	CORNING GLASS WORKS (WILMINGTON)	WILMINGTON, NC	US	28401
03418	MOLEX INC	LISLE, IL	US	60532
03428	NONOTUCK MFG CO	HADLEY FALLS, MA	US	01075
03441	F-DYNE ELECTRONICS CO	BRIDGEPORT, CT	US	06605
03521	JOHANSON DIELECTRICS INC	BURBANK, CA	US	91510
03530	STACKPOLE COMPONENT CO	RALEIGH, NC	US	27620
03545	TELEDYNE PHILBRICK NEXUS	DEDHAM, MA	US	02026
03594	CARTER SEMICONDUCTORS	LOWELL, MA	US	01850
03621	M/A-COM CABLEWAVE MINI PROD	BURLINGTON, MA	US	01803
03627	SOLID STATE DEVICES INC	LA MIRADA, CA	US	90638
03647	INSTRUMENT SPECIALTIES CO INC	DEL WATER GAP, PA	US	07424
03651	MEPCO/ELECTRA CORP	SAN DIEGO, CA	US	92121
03658	ALPHA IND MICROELECTRONICS DIVISION	COLMAR, PA	US	18915
03706	WEST-CAP ARIZONA	SAN FERNANDO, CA	US	91340

Table 2. Manufacturers Code List (continued)

Mfr Code	Manufacturer Name	Address	Country	ZIP Code
03714	INTERSIL INC	CUPERTINO, CA	CA	95014
03724	BIVAR INC	SANTA ANA, CA	US	92705
03740	ERIE TECH PROD INC ERIE FREQ CONT	CARLISLE, PA	US	17013
03744	BOURNS INC	RIVERSIDE, CA	US	92507
03746	SPECTRUM CONTROL INC	ERIE, PA	US	16505
03747	COLORADO CRYSTAL CORP	LOVELAND, CO	US	80537
03762	TELE-TECH CORP	BOZEMAN, MT	US	59771
03793	SILICON GENERAL INC	SAN JOSE, CA	US	95134
03794	ADVANCED MICRO DEVICES INC	SUNNYVALE, CA	US	94086
03795	MOTOROLA INC	FRANKLIN PARK, IL	US	60131
03799	HARRIS CORP	MELBOURNE, FL	US	32901
03811	INTEL CORP	SANTA CLARA, CA	US	95054
03827	FAIR RITE PRODUCTS CORP	WALLKILL, NY	US	12589
03849	MICROSYSTEMS INTERNATIONAL LTD	OTTAWA	CN	
03910	GENERAL ELECTRIC CO	PHILADELPHIA, PA	US	19124
03923	SIEMENS CORP	ISELIN, NJ	US	08830
03938	MIDLAND-ROSS CORP	CLEVELAND, OH	US	44113
03972	OHMITE MFG CO	SKOKIE, IL	US	60076
03973	HP DIV 45 NMD	SANTA ROSA, CA	US	95401
04068	LABINAL COMPONENTS & SYSTEMS INC	ELK GROVE VILLA, IL	US	60007
04078	SGS-THOMSON MICROELECTRONICS INC	PHOENIX, AZ	US	85022
04092	MONOLITHIC MEMORIES INC	SANTA CLARA, CA	US	95054
04121	SEMICONDUCTOR CIRCUITS INC	HAVERHILL, MA	US	01830
04150	VICLAN INC	SAN DIEGO, CA	US	92138
04169	SANGAMO ELECTRIC CO	SPRINGFIELD, IL	US	62702
04181	AHAM-TOR	RANCHO, CA	US	91702
04182	SHALLCROSS INC	NORTHBROK, IL	US	60062
04200	SPRAGUE ELECTRIC CO	LEXINGTON, MA	US	02173
04204	SPS TECHNOLOGIES	NEWTOWN, PA	US	18940
04213	STIMPSON EDWIN B CO INC	BROOKLYN, NY	US	11705
04225	THOMAS & BETTS CORP	RARITAN, NJ	US	08869
04234	DELBERT BLINN CO	POMONA, CA	US	91766
04261	INSULECTRO CORP	BURLINGAME, CA	US	94010
04314	VLN CORP VICTOREEN INSTRUMENT DIV	CLEVELAND, OH	US	44103
04379	AMETEK INC	PAOLI, PA	US	19301
04393	CENTRE ENGINEERING INC	STATE COLLEGE, PA	US	16801
04418	ALLEN MFG CO	HARTFORD, CT	US	06101
04423	G.E. CERAMICS, INC.	CHATTANOOGA, TN	US	37405
04458	BLILEY ELECTRIC CO	ERIE, PA	US	16508
04464	BRAND REX CO	WILLIMANTIC, CT	US	06226
04475	CAMBRIDGE THERMIONIC CORP	CAMBRIDGE, MA	US	02138
04486	ITT CORP	NEW YORK, NY	US	10022
04492	CENTRALAB INC	MILWAUKEE, WI	US	53209
04504	GENERAL INSTRUMENT CORP	CLIFTON, NJ	US	07012
04507	TRW INC	CLEVELAND, OH	US	44124
04514	DOW CORNING CORP	MIDLAND, MI	US	48641

Table 2. Manufacturers Code List (continued)

Mfr Code	Manufacturer Name	Address	Country	ZIP Code
04522	ELECTRO MOTIVE CORP	FLORENCE, SC	US	06226
04550	GENERAL ELECTRIC CO	FAIRFIELD, CT	US	06430
04563	ERIE TECHNOLOGICAL PRODUCTS INC	ERIE, PA	US	16512
04564	ESSEX INTERNATIONAL INC	FORT WAYNE, IN	US	46804
04567	ITT HARPER DIV	CHICAGO, IL	US	60606
04568	BECKMAN INDUSTRIAL CORP	FULLERTON, CA	US	92635
04581	BARWOOD MFG CORP	EVERETT, MA	US	02149
04605	FISCHER SPECIAL MFG CO	CINCINNATI, OH	US	45206
04615	J F D ELECTRONICS CORP	BROOKLYN, NY	US	11219
04645	SIGNALITE DIV GENERAL INST CORP	NEPTUNE, NJ	US	07753
04648	PIEZO CRYSTAL CO	CARLSILE, PA	US	17013
04670	EF JOHNSON CO	WASECA, MN	US	56093
04672	TRW INC PHILADELPHIA DIV	PHILADELPHIA, PA	US	19108
04703	LITTELFUSE INC	DES PLAINES, IL	US	60016
04719	MARWEDEL C W	SAN FRANCISCO, CA	US	94103
04726	3M CO	ST PAUL, MN	US	55144
04733	BELL INDUSTRIES INC MILLER JW DIV	COMPTON, CA	US	90224
04757	OAK SWITCH SYSTEMS INC	CRYSTAL LAKE, IL	US	60014
04776	POTTER & BRUMFIELD INC	PRINCETON, IN	US	47671
04805	ILLINOIS TOOL WORKS INC SHAKEPROOF	ELGIN, IL	US	60126
04821	TILLEY MFG CO	MORGAN HILL, CA	US	94070
04822	STACKPOLE CARBON CO	ST MARYS, PA	US	15857
04828	TINNERMAN PRODUCTS INC	CLEVELAND, OH	US	44101
04830	STEWART STAMPING CORP	YONKERS, NY	US	10704
04853	VARFLEX CORP	ROME, NY	US	13440
04880	ZIERICK MFG CO	MT KISCO, NY	US	10549
04935	MEPCO ELECTRA CORP	MORRISTOWN, NJ	US	07960
04939	SCHNITZER ALLOY PRODUCTS CO	ELIZABETH, NJ	US	07206
04977	ITT CORP COMPONENTS DIV	NEW YORK, NY	US	10022
04990	GRAYHILL INC	LA GRANGE, IL	US	60525
05016	MONITOR PRODUCTS CO INC	OCEANSIDE, CA	US	92054
05065	TEXAS INSTRUMENTS INC	ATTLEBORO, MA	US	02703
05088	VARO INC	GARLAND, TX	US	75046
05098	VICTORY ENGINEERING CORP	SPRINGFIELD, NJ	US	07081
05108	KULKA-SMITH INC	MANASQUAN, NJ	US	08736
05131	ELECTRONIC DEVICES INC	YONKERS, NY	US	10710
05160	VRN INTERNATIONAL	ST PETERSBURG, FL	US	33710
05176	AMERICAN SHIZUKI CORP	CANOGA PARK, CA	US	91304
05232	BRADY W H CO	MILWAUKEE, WI	US	53209
05293	PRECISION METAL PRODUCT CO	STONEHAM, MA	US	02180
05347	UNIMICA	NEW YORK, NY	US	10013
05350	WILMINGTON FIBRE SPECIALTY CO	NEW CASTLE, DE	US	19720
05364	LITTON PRECISION PROD INC	VAN NUYS, CA	US	91409
05368	FCP INC	OLATHE, KS	US	66062
05400	REESE J RAMSEY INC	NEW YORK, NY	US	10007
05436	BURR-BROWN CORP	TUCSON, AZ	US	85706

Table 2. Manufacturers Code List (continued)

Mfr Code	Manufacturer Name	Address	Country	ZIP Code
05447	BERGQUIST CO	MINNEAPOLIS, MN	US	55420
05453	ICO-RALLY CORP	SUNNYVALE, CA	US	94303
05461	ITT HARPER INC	MORTON GROVE, IL	US	60053
05466	EMHART CORP	FARMINGTON, CT	US	06032
05507	MILLER DIAL & NAMEPLATE CO	EL MONTE, CA	US	91734
05518	AUGAT INC	MANSFIELD, MA	US	02048
05524	DALE ELECTRONICS INC	COLUMBUS, NE	US	68601
05535	KEYSTONE ELECTRONICS CORP	NEW YORK, NY	US	10012
05545	NATIONAL TEL TRONICS CORP	YONKERS, NY	US	10701
05559	ALPHA WIRE CORP	ELIZABETH, NJ	US	07207
05568	JACOBSON MFG CO INC	KENILWORTH, NJ	US	07033
05589	UNIFORM TUBES	COLLEGEVILLE, PA	US	19426
05623	CAMDEN WIRE CO INC	CAMDEN, NY	US	13316
05630	WESTON COMPONENTS	ARCHBALD, PA	US	18403
05648	MAGNECRAFT ELECTRIC CO	CHICAGO, IL	US	60630
05661	ALCO ELECTRONIC PRODUCTS INC	NORTH ANDOVER, MA	US	01845
05668	VITRAMON INC	MONROE, CT	US	06468
05683	WECKESSER CO INC	CHICAGO, IL	US	60641
05704	SAN FERNANDO ELECTRIC MFG CO	SAN FERNANDO, CA	US	91341
05742	P C A ELECTRONICS INC	SEPULVEDA, CA	US	91343
05768	MALCO-A MICRODOT CO	PASADENA, CA	US	91030
05769	ITT SEAELECTRO CORP	TRUMBULL, CT	US	06611
05792	INTL ELECTRONIC RESEARCH CORP	BURBANK, CA	US	91502
05809	MARSHALL IND CAPACITOR DIV	MONROVIA, CA	US	91016
05826	AMER PRCN IND INC DELEVAN DIV	AURORA, NY	US	14052
05879	AMPHENOL CORPORATION	DANBURY, CT	US	06810
05917	RIFA AB	STOCKHOLM	SW	S-163
05943	TEXAS INSTRUMENTS DEUTSCHLAND GMBH	FREISING	GM	8050
05946	VALVO GMBH	HAMBURG	GM	2000
05951	WICKMANN-WERKE A G	WITTEN-ANNEN	GM	5870
05959	MARQUARDT GMBH	RIETHEIM	GM	D-720
05967	VTM A/S	GLOSTRUP	DK	2080
05982	CELDUC CONSTR ELECTRIQUES DU CENTRE	SORBIERS	FR	42
05985	SESCOSEM	SAINT EGREVE	FR	75781
05992	EFECO COMPOSANTS	NANTERRE	FR	
05993	CORNING GLASS EUROPE SOVCOR	LE VESINET	FR	
06003	SESCOSEM (63)	PARIS	FR	75781
06032	STC/STANTEL	DEVON	EG	
06039	SEAELECTRO LTD	PORTSMOUTH	EG	
06058	BOURNS TRIMPOT LTD	MIDDLESEX	EG	
06118	ROEDERSTEIN/RESISTA GMBH	LANDSHUT	GM	8300
06121	SIEMENS AG	MUNICH	GM	8000
06127	WIMA	MANNHEIM	GM	6800
06252	AB ELEKTRONIK GMBH	SALZBURG	AU	A-501
06328	SCHURTER AG	LUZERN	SW	CH-60
06330	CONDENSATEURS FRIBOURG S A	FRIBOURG	SW	

Table 2. Manufacturers Code List (continued)

Mfr Code	Manufacturer Name	Address	Country	ZIP Code
06337	PHILLIPS GLOEILAMPENFABRIEKEN N V	EINDHOVEN	HL	
06344	FUJITSU MICROELECTRONICS INC	SANTA CLARA, CA	US	95054
06347	HITACHI AMERICA LTD	SUNNYVALE, CA	US	94086
06352	TDK CORPORATION OF AMERICA	SKOKIE, IL	US	60076
06354	TOSHIBA CORP	TOKYO	JP	
06424	E-SIL COMPONENTS LTD	SUNDERLAND	EG	SR4 6
06501	BARBER & COLEMAN LTD	SALE CHES	EG	
06563	SIEMENS CORP COMPONENTS GROUP	SCOTTSDALE, AZ	US	85252
06650	AEG-TELEFUNKEN	HEILBRONN	GM	7100
06665	SAMTEC	NEW ALBANY, IN	US	47150
06784	MIDWEST COMPONENTS	MUSKEGON, MI	US	49443
06857	TRAK MICROWAVE CORP	TAMPA, FL	US	33614
06860	HUBER & SUHNER AG	HERISAU	SW	
06900	JUDD WIRE	BURLINGTON, MA	US	01803
06916	SONY CORP	TOYKO	JP	141
06951	TRW RESISTIVE PRODUCTS DIV	CORPUS CHRISTI, TX	US	78411
07041	R.A.F. ELECTRONIC HARDWARE INC	STRATFORD, CT	US	06497
07050	MICRO POWER SYSTEMS	SANTA CLARA, CA	US	95050
07158	EATON CORP	CLEVELAND, OH	US	44144
07179	AAVID ENGINEERING INC	LACONIA, NH	US	03247
07221	SUPERTEX INC	SUNNYVALE, CA	US	94086
07284	PAKTRON DIV ITW	VIENNA, VA	US	22180
07338	J K L COMPONENTS CORP	LOS ANGELES, CA	US	90064
07379	SAN-O INDUSTRIAL CORP	BOHEMIA LI, NY	US	11716
07398	BEL FUSE INC	JERSEY CITY, NJ	US	07302
07477	AMERICAN OIL & SUPPLY CO	NEWARK, NJ	US	07105
07766	LA RADIOTECHNIQUE COMPELEC	VILLEVRBANNE	FR	
07798	REMTEK CORP	SUNNYVALE, CA	US	
08097	SPRAGUE-GOODMAN ELECTRONICS	NEW HYDE PARK, NY	US	11040
08113	KAHGAN ELECTRONICS CORP	HEMPSTEAD, NY	US	11550
08123	COIL-Q CORP	BRONXVILLE, NY	US	
08259	DALE ELECTRONICS INC	TEMPE, AZ	US	85252
08261	STAR MICRONICS INC	NEW YORK, NY	US	
08335	SOURIAU INC	SAUGUS, CA	US	95203
08369	FILECA	STE GENEVIEVE	FR	
08560	OXLEY DEV LTD	CUMBRIA	EG	
08666	PANEL COMPONENTS CORP	SANTA ROSA, CA	US	
08709	PANASONIC INDUSTRIAL CO	SECAUCUS, NJ	US	07094
08778	MADISON CABLE CORP	WORCHESTER, MA	US	01603
08779	MITSUBISHI ELECTRONICS AMERICA	SUNNYVALE, CA	US	94086
08781	CATALYST RESEARCH CORP	BALTIMORE, MD	US	
08810	ROCKWELL INTERNATIONAL	ANAHEIM, CA	US	
08838	AND (ALPHA NUMERIC DISPLAYS)	BURLINGAME, CA	US	
08852	METELICS CORP	SUNNYVALE, CA	US	
09043	GLOW-LITE DIV OF DUTCH BOY	PAULS VALLEY, OK	US	
09050	XENELL	WYNNEWOOD, OK	US	

Table 2. Manufacturers Code List (continued)

Mfr Code	Manufacturer Name	Address	Country	ZIP Code
09126	ASJ PTE LTD	JURONG TOWN	SG	
09171	RHOMBUS INDUSTRIES INC	HUNTINGTON BEACH, CA	US	92649
09226	NEC ELECTRONICS INC	SANTA CLARA, CA	US	
09235	FOX ELECTRONICS	FT MEYERS, FL	US	33910
09283	TOPAZ SEMICONDUCTOR	SAN JOSE, CA	US	95132
09441	APPLIED ENGINEERING PRODUCT CO	HAMDEN, CT	US	
09448	WAMCO INC	FOUNTAIN VALLEY, CA	US	
09454	PRECISION RESISTIVE PRODS INC	MEDIAPOLIS, IA	US	52637
09507	HP DIV 53 SAD	ROHNERT PARK, CA	US	94928
09538	TUSONIX	TUCSON, AZ	US	85740
09694	ELECTRONIC ESSENTIALS	WOODSIDE, NY	US	
09849	NDK AMERICA INC	CUPERTINO, CA	US	54014
09855	KOWASANGYO CORP	TOKYO	JP	
09859	CERA-MITE CORP	GRAFTON, WI	US	53024
09862	HITACHI CABLE LTD	TOKYO	JP	
09914	UNITRODE CORP	LEXINGTON, MA	US	
09939	MURATA ERIE NORTH AMERICA INC	SMYRNA, GA	US	30080
09955	BOYD CORP	DENVER, CO	US	
10183	TADIRAN	TEL-AVIV	IS	
10200	ELECTRONIC CONCEPTS INC	EATONTOWN, NJ	US	
10290	COMMODORE SEMICONDUCTOR GROUP	NORRISTOWN, PA	US	
10302	CENTENNIAL PLASTICS	YELLVILLE, AR	US	
10358	VOGT AG	LOSTORF	GM	
10401	NEW SYSTEMS MOLDING CORP	LOVELAND, CO	US	80537
10407	LSI LOGIC CORP	MILPITAS, CA	US	95035
10421	EPSON	TORRENCE, CA	US	
10443	HP DIV 64 NID	CORVALLIS, OR	US	
10456	PLASTEC PRODUCTS INC	FORT COLLINS, CO	US	
10457	JERMYN INDUSTRIES LTD (63)	KENT SEVENOAKS	EG	
10481	DALE ELECTRONICS INC	NORFOLK, NE	US	68701
10549	SCI MANUFACTURING INC	HUNTSVILLE, AL	US	35805
10572	XICOR, INC	MILPITAS, CA	US	
10631	GASKET SPECIALTIES	BRISBANE, CA	US	
10784	SHINNITTOKU ELECTRIC CO LTD	MINATO-KU TOKYO	JP	145
10795	STANDEX - PAUL SMITH DIVISION	CINCINNATI, OH	US	
10858	LINEAR TECHNOLOGY CORP	MILPITAS, CA	US	95035
10881	THOMSON-CSF	COURBEVOIE	FR	
10905	FIRA	LYON	FR	
11047	TEKA PRODUCTS INC	WOODSIDE, NY	US	
11111	SEEQ TECHNOLOGY INC	SAN JOSE, CA	US	
11171	SYNERGY MICROWAVE CORP-	FAIRFIELD, NJ	US	
11187	VLSI TECHNOLOGY INC	SAN JOSE, CA	US	95131
11212	INDUCTOR SUPPLY, INC.	HUNTINGTON BEACH, CA	US	
11248	MICRON DIV OF R G ALLEN CO INC	NORTH HOLLYWOOD, CA	US	
11263	W GUNTHER GMBH	NURNBERG	GM	
11298	AVEL-LINDBURG	DANBURY	CT	

Table 2. Manufacturers Code List (continued)

Mfr Code	Manufacturer Name	Address	Country	ZIP Code
11345	CYPRESS SEMICONDUCTOR CORP	SAN JOSE, CA	US	95134
11357	BRISTOL ROYAL WORKSHOP BLIND	BRISTOL	EG	
11412	ISOLANTITE MFG COMPANY INC	STIRLING, NJ	US	
11421	KYOCERA CORPORATION	KYOTO	JP	
11599	MICRO-COAX COMPONENTS, INC	COLLEGEVILLE, PA	US	19426
11677	SARONIX	PALO ALTO, CA	US	
11684	JOSLYN DEFENSE SYSTEMS INC	BURLINGTON, VT	US	05401
11686	KYUSHU DENTSU CO LTD	NAGASAKI	JP	
11699	CENTRAL SEMICONDUCTOR CORP	HAUPPAUGE, NY	US	11788
11703	POWER GENERAL	CANTON, MA	US	
11708	THOMSON SEMICONDUCTORS	VELIZY VILLACOU	FR	78140
11723	CTL COMPONENTS LTD	LONDON	EG	SW19
11781	MIDLAND-ROSS CORP	LIVINGSTON, NJ	US	07039
11844	ELECTREY S A	MONTERREY	MX	64000
11892	EVOX/RIFA INC	LINCOLNSHIRE, IL	US	60015
11920	MIYAMA DENSEN CO LTD	TOKYO	JP	
11946	BKC INTERNATIONAL ELECTRONICS	LAWRENCE, MA	US	01841
11961	ALEXCO ENGINEERING SUPPLIES	COWDENBEATH	EG	KY4 9
11981	POWEREX	YOUNGWOOD, PA	US	15697
12125	SAMSUNG SEMICONDUCTOR INC	SANTA CLARA, CA	US	95054
12127	RF MONOLITHICS INC	DALLAS, TX	US	75234
12131	PRESIDIO COMPONENTS INC	SAN DIEGO, CA	US	92121
12186	DALLAS SEMICONDUCTOR CORP	DALLAS, TX	US	75244
12213	STACKPOLE ELECTRONICS INC	RALEIGH, NC	US	27620
12261	ERIE SPECIALTY PRODUCTS INC	ERIE, PA	US	16512
12340	KEMET ELECTRONICS CORPORATION	GREENVILLE, SC	US	29606
12355	INTERCONNECTION PRODUCTS INC	SANTA ANA, CA	US	92707
12382	LATTICE SEMICONDUCTOR CORP	BEAVERTON, OR	US	97006
12395	FEI MICROWAVE, INC.	SUNNYVALE, CA	US	94086
12418	OWL WIRE AND CABLE	CANASTATA, NY	US	13032
12456	WIRE PRO INC	SALEM, NJ	US	08079
12465	INTERNATIONAL POWER DEVICES	BRIGHTON, MA	US	02135
12473	AVX-RALEIGH DIVISION	RALEIGH, NC	US	27604
12482	BRADFORD ELECTRONICS INC	BRADFORD, PA	US	16701
12513	BUNNELL PLASTICS, INC	MICKLETON, NJ	US	08056
12516	MICROTRONICS ASSOCIATES PTE LTD	SINGAPORE	SG	1334
12580	SOUTH AMERICAN DEVELOPMENT CO	HYDE PARK, NY	US	12538
12656	BEYSCHLAG GMBH	HEIDE	GM	
12703	CHAMPION TECHNOLOGIES INC	FRANKLIN PARK, IL	US	60131
12830	KETEMA	BENSALEM, PA	US	19020
12845	WARTH INTERNATIONAL LTD	EAST GRINSTEAD	EG	RH192
12896	DOWKEY MICROWAVE INC	VENTURA, CA	US	93003

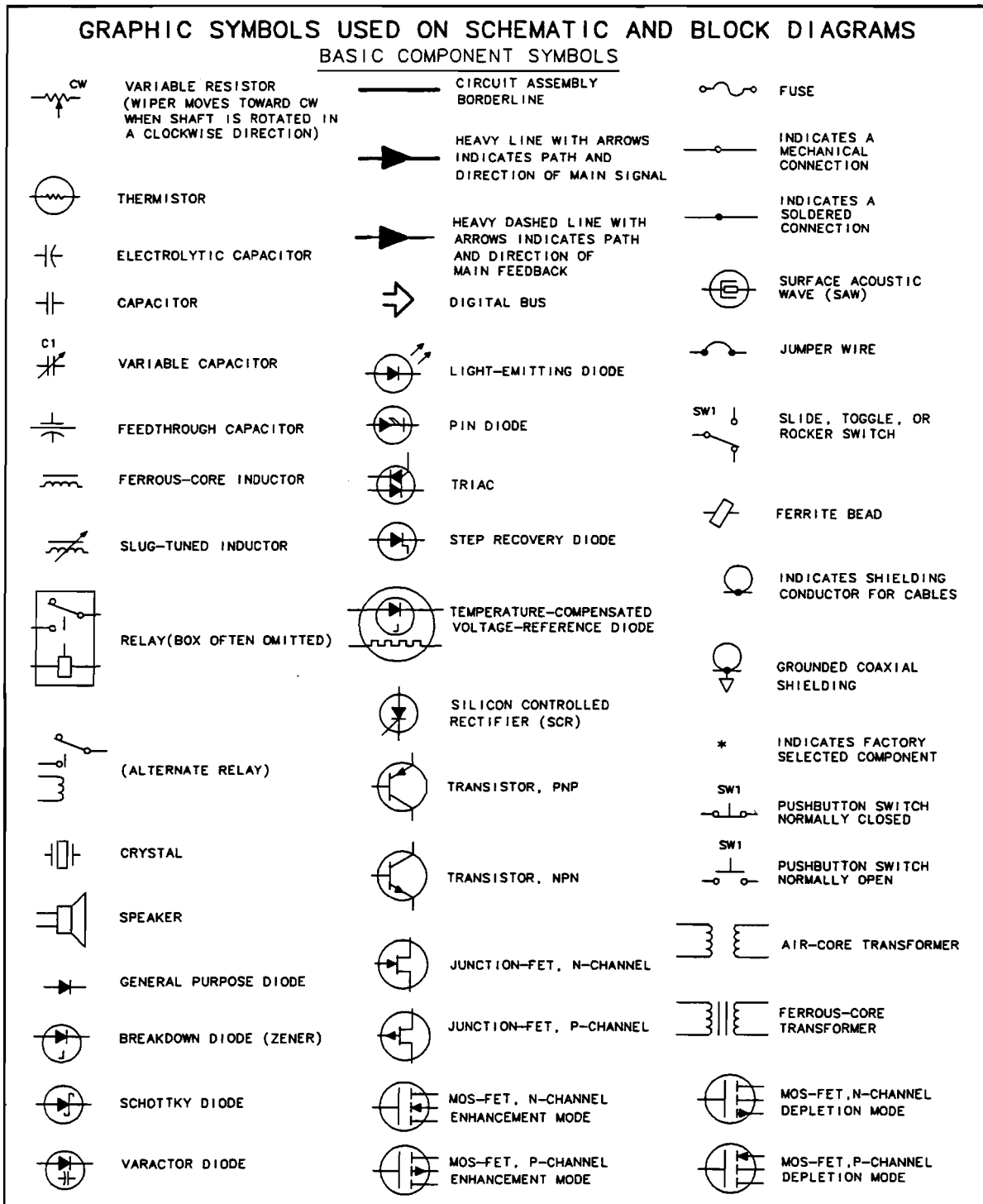


Figure 1. Graphics Symbols (1 of 2)

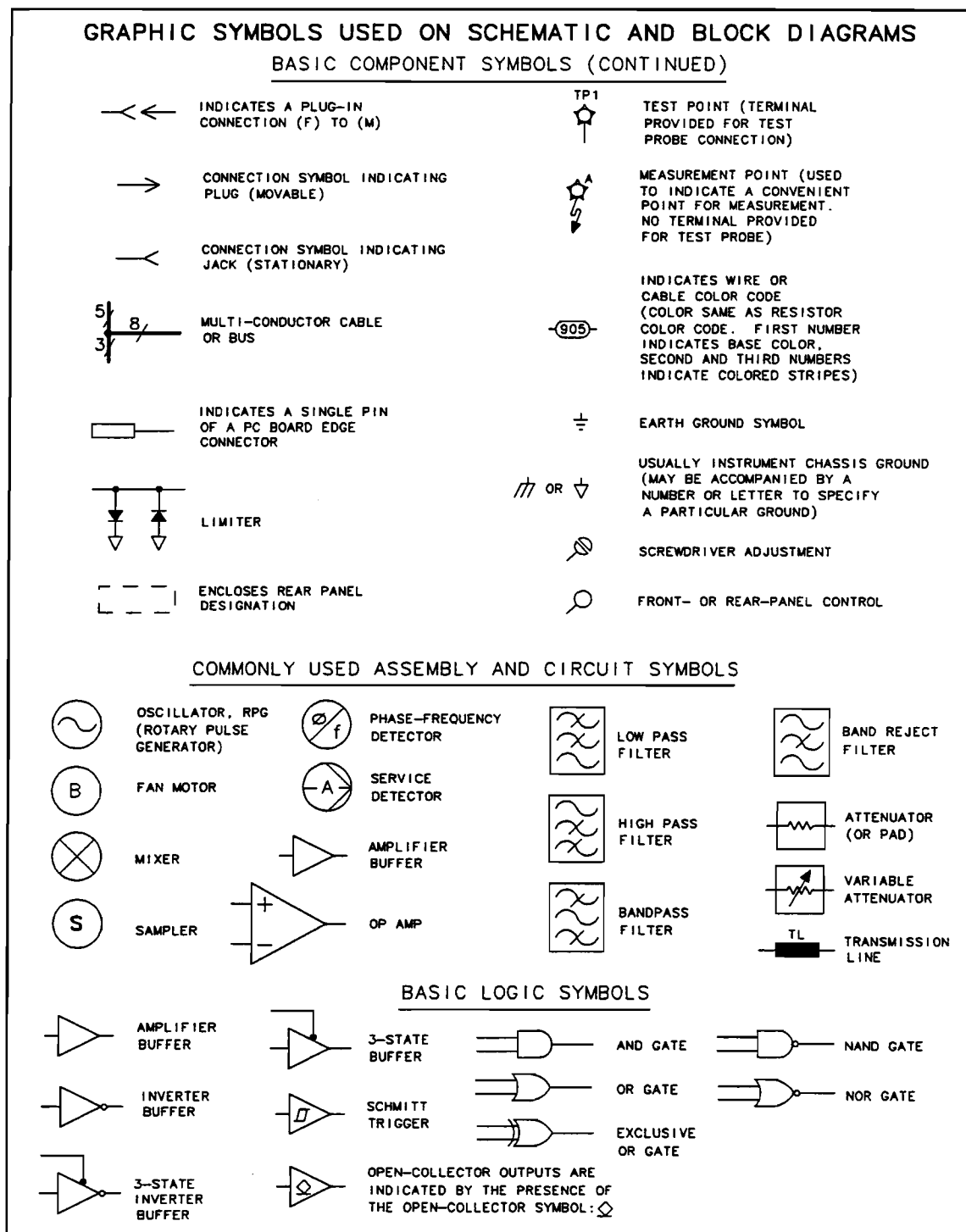
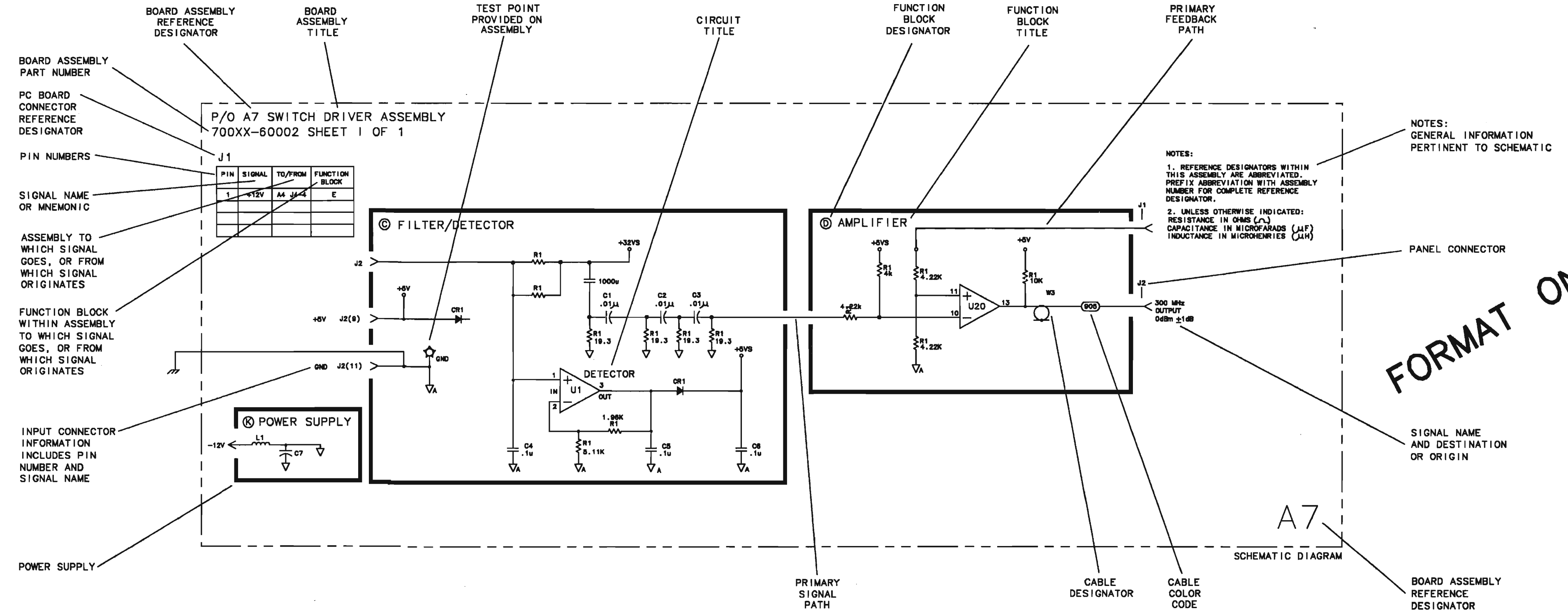
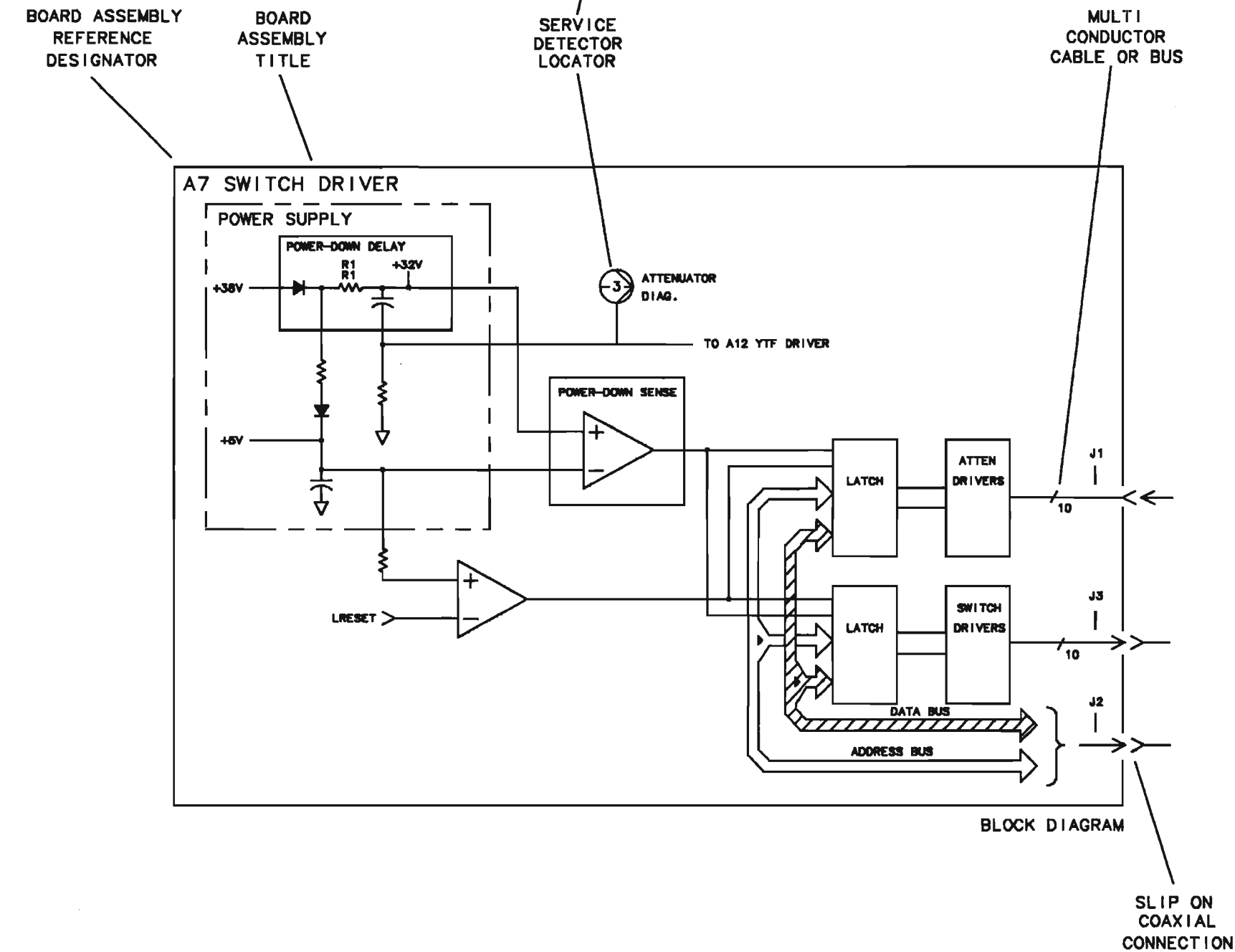
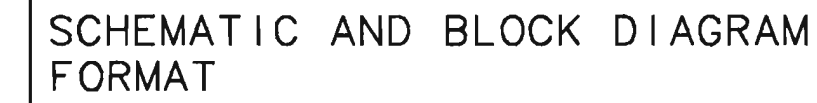


Figure 1. Graphics Symbols (2 of 2)



PANEL CONNECTOR

FORMAT ONLY

Component-Level Information Packet

for 08560-60022

Log Amplifier

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HP Document Part Number 08560-90071

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HP Part Number 08560-60022

Log Amplifier

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C1	0180-3334	1	1	CAP-FXD 100uF +-20% 50 V AL-ELCTLT	00493	SME50VB101M8X11LL
C2	0180-3334	1	1	CAP-FXD 100uF +-20% 50 V AL-ELCTLT	00493	SME50VB101M8X11LL
C7	0180-3849	3	1	CAP-FXD 47uF +-10% 10 V TA	04200	299D476X9010DB1
C101	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	02010	SR201C103MAAH
C102	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C103	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C104	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C105	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C107	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C108	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C109	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C110	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C111	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C112	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C113	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C114	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	02010	SR201C103MAAH
C115	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	02010	SR201C103MAAH
C201	0160-4574	1	1	CAP-FXD 1000pF +-10% 100 V CER X7R	02010	SA101C102KAAH
C202	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C203	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C204	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C205	0160-4574	1	1	CAP-FXD 1000pF +-10% 100 V CER X7R	02010	SA101C102KAAH
C207	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C208	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C209	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C210	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C211	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C212	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	02010	SR201C103MAAH
C213	0160-4574	1	1	CAP-FXD 1000pF +-10% 100 V CER X7R	02010	SA101C102KAAH
C215	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C216	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C217	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C218	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C219	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C220	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C222	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C223	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	02010	SR201C103MAAH
C224	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C225	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C226	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C227	0160-4789	0	1	CAP-FXD 15pF +-5% 100 V CER C0G	02010	SA102A150JAAH
C228	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C229	0160-4802	8	1	CAP-FXD 82pF +-5% 100 V CER C0G	02010	SA102A820JAAH
C230	0160-4825	5	1	CAP-FXD 560pF +-5% 100 V CER C0G	02010	SA101A561JAAH
C231	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C232	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C233	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C234	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH

*Indicates factory-selected value

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C235	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	02010	SR201C103MAAH
C236	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	02010	SR201C103MAAH
C237	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C238	0160-4786	7	1	CAP-FXD 27pF +-5% 100 V CER C0G	02010	SA102A270JAAH
C239	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	02010	SR201C103MAAH
C301	0160-6351	6	1	CAP-FXD 0.22uF +80% -20% 50 V CER Y5V	06352	FK20Y5V1H224Z
C302	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	02010	SR201C103MAAH
C304	0160-4801	7	1	CAP-FXD 100pF +-5% 100 V CER C0G	02010	SA102A101JAAH
C305	0160-6351	6	1	CAP-FXD 0.22uF +80% -20% 50 V CER Y5V	06352	FK20Y5V1H224Z
C306	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	02010	SR201C103MAAH
C310	0160-4801	7	1	CAP-FXD 100pF +-5% 100 V CER C0G	02010	SA102A101JAAH
C311	0160-6351	6	1	CAP-FXD 0.22uF +80% -20% 50 V CER Y5V	06352	FK20Y5V1H224Z
C312	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	02010	SR201C103MAAH
C314	0160-4801	7	1	CAP-FXD 100pF +-5% 100 V CER C0G	02010	SA102A101JAAH
C316	0160-6351	6	1	CAP-FXD 0.22uF +80% -20% 50 V CER Y5V	06352	FK20Y5V1H224Z
C317	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	02010	SR201C103MAAH
C319	0160-4801	7	1	CAP-FXD 100pF +-5% 100 V CER C0G	02010	SA102A101JAAH
C321	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C322	0160-6418	6	1	CAP-FXD 2000pF +-5% 100 V CER C0G	02010	MA401A202JAA
C324	0160-6351	6	1	CAP-FXD 0.22uF +80% -20% 50 V CER Y5V	06352	FK20Y5V1H224Z
C325	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	02010	SR201C103MAAH
C326	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C327	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C329	0160-4801	7	1	CAP-FXD 100pF +-5% 100 V CER C0G	02010	SA102A101JAAH
C330	0160-6351	6	1	CAP-FXD 0.22uF +80% -20% 50 V CER Y5V	06352	FK20Y5V1H224Z
C331	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	02010	SR201C103MAAH
C333	0160-4801	7	1	CAP-FXD 100pF +-5% 100 V CER C0G	02010	SA102A101JAAH
C335	0160-6351	6	1	CAP-FXD 0.22uF +80% -20% 50 V CER Y5V	06352	FK20Y5V1H224Z
C336	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	02010	SR201C103MAAH
C339	0160-4801	7	1	CAP-FXD 100pF +-5% 100 V CER C0G	02010	SA102A101JAAH
C340	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C341	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C342	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C343	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C344	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C345	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C346	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C347	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C348	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C349	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C350	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C351	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C352	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C401	0160-5616	4	1	CAP-FXD 620pF +-5% 100 V CER C0G	02010	CAC03C0G621J100A
C402	0160-5699	3	1	CAP-FXD 20pF +-5% 100 V CER C0G	06352	DA12C0G2A200J
C403	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	02010	SR201C103MAAH
C404	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	02010	SR201C103MAAH

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C405	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	02010	SR201C103MAAH
C406	0160-5616	4	1	CAP-FXD 620pF +-5% 100 V CER C0G	02010	CAC03C0G621J10QA
C407	0160-4802	8	1	CAP-FXD 82pF +-5% 100 V CER C0G	02010	SA102A820JAAH
C408	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C409	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	02010	SR201C103MAAH
C410	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	02010	SR201C103MAAH
C411	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	02010	SR201C103MAAH
C412	0160-5699	3	1	CAP-FXD 20pF +-5% 100 V CER C0G	06352	DA12C0G2A200J
C413	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	02010	SR201C103MAAH
C414	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	02010	SR201C103MAAH
C415	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	02010	SR201C103MAAH
C417	0160-4811	9	1	CAP-FXD 270pF +-5% 100 V CER C0G	02010	SA101A271JAAH
C418	0160-4804	0	1	CAP-FXD 56pF +-5% 100 V CER C0G	02010	SA102A560JAAH
C419	0160-6146	7	1	CAP-FXD 910pF +-5% 100 V CER C0G	02010	SA201A911JAAH
C421	0160-5799	4	1	CAP-FXD 43pF +-5% 200 V CER C0G	02010	SA102A430JAAH
C423	0160-5699	3	1	CAP-FXD 20pF +-5% 100 V CER C0G	06352	DA12C0G2A200J
C424	0160-4805	1	1	CAP-FXD 47pF +-5% 100 V CER C0G	02010	SA102A470JAAH
C425	0160-4801	7	1	CAP-FXD 100pF +-5% 100 V CER C0G	02010	SA102A101JAAH
C426	0160-3873	1	1	CAP-FXD 4.7pF +-10.64% 200 V CER C0G	06352	FD12C0G2D4R7D
C501	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C502	0160-4813	1	1	CAP-FXD 180pF +-5% 100 V CER C0G	02010	SA101A181JAAH
C503	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C504	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C506	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C507	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C508	0160-4795	8	1	CAP-FXD 4.7pF +-10.64% 100 V CER C0G	02010	SA102A470JAAH
C509	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C510	0160-4574	1	1	CAP-FXD 1000pF +-10% 100 V CER X7R	02010	SA101C102KAAH
C511	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C514	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C516	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C517	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C522	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C523	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C524	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C525	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C526	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C527	0160-4814	2	1	CAP-FXD 150pF +-5% 100 V CER C0G	02010	SA101A151JAAH
C528	0160-4795	8	1	CAP-FXD 4.7pF +-10.64% 100 V CER C0G	02010	SA102A470JAAH
C529	0160-4801	7	1	CAP-FXD 100pF +-5% 100 V CER C0G	02010	SA102A101JAAH
C530	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C601	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C602	0160-4791	4	1	CAP-FXD 10pF +-5% 100 V CER C0G	02010	SA102A100JAAH
C603	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C604	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C605	0160-6741	8	1	CAP-FXD 0.01uF +-2% 50 V CER C0G	02010	SA405A103GAAH
C606	0160-6741	8	1	CAP-FXD 0.01uF +-2% 50 V CER C0G	02010	SA405A103GAAH
C607	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH

*Indicates factory-selected value

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C608	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C609	0160-6741	8	1	CAP-FXD 0.01uF +-2% 50 V CER COG	02010	SA405A103GAAH
C610	0160-6741	8	1	CAP-FXD 0.01uF +-2% 50 V CER COG	02010	SA405A103GAAH
C611	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C612	0160-6557	4	1	CAP-FXD 0.1uF +-5% 50 V POLYC-MET	05176	HEW747
C613	0160-6557	4	1	CAP-FXD 0.1uF +-5% 50 V POLYC-MET	05176	HEW747
C701	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C702	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C703	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C704	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C705	0160-4802	8	1	CAP-FXD 82pF +-5% 100 V CER COG	02010	SA102A820JAAH
C706	0180-4136	3	1	CAP-FXD 10uF +-10% 20 V TA	04200	173D106X9020W
C707	0121-0046	2	1	CAP-VAR 35pF 9pF 200 V CER	09538	538-016 D 9-35
C709	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C710	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C711	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C712	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C713	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C714	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C715	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C716	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C717	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C718	0180-3845	9	1	CAP-FXD 4.7uF +-10% 35 V TA	04200	299D475X9035CB1
C719	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C720	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C721	0180-3815	3	1	CAP-FXD 1000uF +-20% 6.3 V AL-ELCTLT	00493	SME6R3VB102M10X12LL
C722	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C723	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C724	0180-3628	6	1	CAP-FXD 220uF +-20% 16 V AL-ELCTLT	00493	SME16VB221M8X11LL
C725	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C726	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C727	0180-3847	1	1	CAP-FXD 22uF +-10% 25 V TA	04200	299D226X9025DB1
C801	0160-6557	4	1	CAP-FXD 0.1uF +-5% 50 V POLYC-MET	05176	HEW747
C802	0160-6556	3	1	CAP-FXD 0.015uF +-5% 100 V POLYE-MET	05176	PFC
C803	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C804	0160-4819	7	1	CAP-FXD 2200pF +-5% 100 V CER COG	02010	SA301A222JAAH
C805	0160-4833	5	1	CAP-FXD 0.022uF +-10% 100 V CER X7R	02010	SA201C223KAAH
C806	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C807	0180-3844	8	1	CAP-FXD 3.3uF +-10% 35 V TA	04200	299D335X9035BB1
C808	0160-4810	8	1	CAP-FXD 330pF +-5% 100 V CER COG	02010	SA101A331JAAH
C809	0160-4810	8	1	CAP-FXD 330pF +-5% 100 V CER COG	02010	SA101A331JAAH
C810	0180-3844	8	1	CAP-FXD 3.3uF +-10% 35 V TA	04200	299D335X9035BB1
C811	0160-5422	0	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	02010	SA205C473MAAH
C812	0160-5422	0	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	02010	SA205C473MAAH
C813	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C814	0160-4801	7	1	CAP-FXD 100pF +-5% 100 V CER COG	02010	SA102A101JAAH
C815	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C816	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C817	0160-4786	7	1	CAP-FXD 27pF +-5% 100 V CER C0G	02010	SA102A270JAAH
C818	0160-4797	0	1	CAP-FXD 3.3pF +-7.58% 100 V CER C0G	02010	MA101A3R3CAA
C819	0160-4805	1	1	CAP-FXD 47pF +-5% 100 V CER C0G	02010	SA102A470JAAH
C820	0160-4792	5	1	CAP-FXD 8.2pF +-6.1% 100 V CER C0G	02010	SA102A8R2DAAH
C821	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C822	0160-4806	2	1	CAP-FXD 39pF +-5% 100 V CER C0G	02010	SA102A390JAAH
C823	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C824	0160-4787	8	1	CAP-FXD 22pF +-5% 100 V CER C0G	02010	SA102A220JAAH
C825	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C826	0160-4846	0	1	CAP-FXD 1500pF +-5% 100 V CER C0G	02010	SA201A152JAAH
C827	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C828	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C829	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C830	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C831	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C832	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
CR101	1902-0958	2	1	DIODE-ZNR 10V 5% DO-35 PD=.4W TC=+.075%	02037	
CR102	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR103	1901-0518	8	1	DIODE-SCHOTTKY SM SIG	02062	5082-5509
CR201	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR202	1902-0958	2	1	DIODE-ZNR 10V 5% DO-35 PD=.4W TC=+.075%	02037	
CR203	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR204	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR205	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR206	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR207	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR208	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR209	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR210	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR211	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR212	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR213	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR214	0122-0162	5	1	DIODE-VVC 29PF 10% C 3/C25-MIN=5	06121	BB409
CR215	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR216	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR217	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR218	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR219	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR220	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR221	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR301	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR302	0122-0163	6	1	DIODE-VVC 500PF 12% BVR=28V Q=150-MIN	02037	MVAM125
CR303	0122-0163	6	1	DIODE-VVC 500PF 12% BVR=28V Q=150-MIN	02037	MVAM125
CR401	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR501	1901-0179	7	1	DIODE-SWITCHING 15V 50MA 750PS DO-7	03406	FD777
CR502	1901-0179	7	1	DIODE-SWITCHING 15V 50MA 750PS DO-7	03406	FD777
CR503	1901-0376	6	1	DIODE-GEN PRP 35V 50MA DO-35	00046	S303

*Indicates factory-selected value

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
CR504	1901-0179	7	1	DIODE-SWITCHING 15V 50MA 750PS DO-7	03406	FD777
CR701	1902-0958	2	1	DIODE-ZNR 10V 5% DO-35 PD=.4W TC=+.075%	02037	
CR801	1901-0376	6	1	DIODE-GEN PRP 35V 50MA DO-35	00046	S303
CR802	0122-0162	5	1	DIODE-VVC 29PF 10% C 3/C25-MIN=5	06121	BB409
CR803	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR804	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR805	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR806	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR807	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR808	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR809	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR810	1901-0518	8	1	DIODE-SCHOTTKY SM SIG	02062	5082-5509
CR811	1901-0518	8	1	DIODE-SCHOTTKY SM SIG	02062	5082-5509
CR812	1901-0518	8	1	DIODE-SCHOTTKY SM SIG	02062	5082-5509
E204	9170-0847	3	1	CORE-SHIELDING BEAD	06337	56-590-65/38MCD
E207	9170-1380	1	1	CORE-SHIELDING BEAD	03827	SAHP763
E208	9170-1380	1	1	CORE-SHIELDING BEAD	03827	SAHP763
E301	9170-1366	3	1	CORE-SHIELDING BEAD	03827	2743001112
E302	9170-1366	3	1	CORE-SHIELDING BEAD	03827	2743001112
E303	9170-1366	3	1	CORE-SHIELDING BEAD	03827	2743001112
E304	9170-1366	3	1	CORE-SHIELDING BEAD	03827	2743001112
E306	9170-1366	3	1	CORE-SHIELDING BEAD	03827	2743001112
E307	9170-1366	3	1	CORE-SHIELDING BEAD	03827	2743001112
E308	9170-1366	3	1	CORE-SHIELDING BEAD	03827	2743001112
E411	9170-1380	1	1	CORE-SHIELDING BEAD	03827	SAHP763
E412	9170-1380	1	1	CORE-SHIELDING BEAD	03827	SAHP763
E415	9170-0847	3	1	CORE-SHIELDING BEAD	06337	56-590-65/38MCD
E416	9170-0847	3	1	CORE-SHIELDING BEAD	06337	56-590-65/38MCD
E501	9170-1366	3	1	CORE-SHIELDING BEAD	03827	2743001112
E502	9170-1366	3	1	CORE-SHIELDING BEAD	03827	2743001112
J1	1252-1064	4	1	CONN-POST TYPE .100-PIN-SPCG 50-CONT	01380	1-746878-0
J2	1252-1064	4	1	CONN-POST TYPE .100-PIN-SPCG 50-CONT	01380	1-746878-0
J3	1250-0543	8	1	CONNECTOR-RF SMB M PC 50-OHM	05769	51-053-0349-BE8
J4	1250-0543	8	1	CONNECTOR-RF SMB M PC 50-OHM	05769	51-053-0349-BE8
J5	1250-0257	1	1	CONNECTOR-RF SMB M PC-W-STDFS 50-OHM	05769	051-351-0049-226
J6	1251-7557	0	1	CONN-POST TYPE .100-PIN-SPCG 6-CONT	01380	641216-6
J7	1250-0257	1	1	CONNECTOR-RF SMB M PC-W-STDFS 50-OHM	05769	051-351-0049-226
J8	1250-0257	1	1	CONNECTOR-RF SMB M PC-W-STDFS 50-OHM	05769	051-351-0049-226
J9	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J10	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J11	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
L1	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	
L2	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	
L3	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	
L4	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	
L204	9140-0399	7	1	INDUCTOR RF-CH-MLD 2.2UH +-5%	03273	15M221J
L205	9100-1625	0	1	INDUCTOR RF-CH-MLD 33UH +-5%	05826	1537-52

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
L206	9140-0143	9	1	INDUCTOR RF-CH-MLD 3.3UH +-10%	05826	1025-32
L305	9140-0261	2	1	INDUCTOR RF-CH-MLD 100NH +-5%	03273	15M100J
L401	9100-3913	3	1	INDUCTOR RF-CH-MLD 3.3UH +-5%	03273	15M331J
L402	9140-0352	2	1	INDUCTOR RF-CH-MLD 330NH +-1%	03273	10M330F
L405	9100-2261	2	1	INDUCTOR RF-CH-MLD 2.7UH +-10%	05826	1025-30
L406	9140-0453	4	1	INDUCTOR RF-CH-MLD 6.8UH +-5%	03273	15M-681J
L409	9100-3315	9	1	INDUCTOR RF-CH-MLD 820NH +-5%	03273	15M820J
L410	9140-0261	2	1	INDUCTOR RF-CH-MLD 100NH +-5%	03273	15M100J
L413	9140-0144	0	1	INDUCTOR RF-CH-MLD 4.7UH +-10%	05826	1025-36
L414	9100-1625	0	1	INDUCTOR RF-CH-MLD 33UH +-5%	05826	1537-52
L415	9100-1625	0	1	INDUCTOR RF-CH-MLD 33UH +-5%	05826	1537-52
L701	9100-3313	7	1	INDUCTOR RF-CH-MLD 22UH +-5%	03273	15M222J
L702	9140-0399	7	1	INDUCTOR RF-CH-MLD 2.2UH +-5%	03273	15M221J
L801	9140-0454	5	1	INDUCTOR RF-CH-MLD 18UH +-5%	03273	15M-182J
L803	9140-0145	1	1	INDUCTOR RF-CH-MLD 8.2UH +-10%	05826	1025-42
L804	9140-0145	1	1	INDUCTOR RF-CH-MLD 8.2UH +-10%	05826	1025-42
L805	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +-5%	05826	1537-76
MP1	08560-20022	7	1		28480	08560-20022
MP2	0380-1251	1	1	SPACER-RVT-ON 16-MM-LG 3.8-MM-ID	02121	
MP3	0380-1251	1	1	SPACER-RVT-ON 16-MM-LG 3.8-MM-ID	02121	
MP4	0380-2055	5	1	SPACER-RVT-ON 9.5-MM-LG 3.8-MM-ID	02121	
MP5	0380-2055	5	1	SPACER-RVT-ON 9.5-MM-LG 3.8-MM-ID	02121	
MP6	0380-2055	5	1	SPACER-RVT-ON 9.5-MM-LG 3.8-MM-ID	02121	
MP7	5041-7264	5	1		28480	5041-7264
MP8	1200-0172	4	1	INSULATOR-XSTR DAP-GL	02210	10042-DAP
MP9	1200-0172	4	1	INSULATOR-XSTR DAP-GL	02210	10042-DAP
MP10	1200-0172	4	1	INSULATOR-XSTR DAP-GL	02210	10042-DAP
MP11	1200-0172	4	1	INSULATOR-XSTR DAP-GL	02210	10042-DAP
MP12	1200-0172	4	1	INSULATOR-XSTR DAP-GL	02210	10042-DAP
MP13	1200-0172	4	1	INSULATOR-XSTR DAP-GL	02210	10042-DAP
MP14	5021-9912	2	1		28480	5021-9912
MP15	5021-9913	3	1		28480	5021-9913
MP16	5021-9914	4	1		28480	5021-9914
MP17	5021-9915	5	1		28480	5021-9915
MP19	0624-0099	1	1	SCREW-TPG 4-40 .375-IN-LG PAN-HD-POZI	04525	
MP20	7121-4611	2	1	LABEL-INFORMATION .15-IN-WD .6-IN-LG	09002	
MP21	1200-0172	4	1	INSULATOR-XSTR DAP-GL	02210	10042-DAP
Q201	1854-1263	1	1	TRANSISTOR NPN SI T0-92 PD=625MW	02037	MPS571(SPECIAL)
Q202	1854-0908	9	1	TRANSISTOR NPN T0-72 FT=2.5GHZ	02037	
Q301	1854-1263	1	1	TRANSISTOR NPN SI T0-92 PD=625MW	02037	MPS571(SPECIAL)
Q302	1854-1263	1	1	TRANSISTOR NPN SI T0-92 PD=625MW	02037	MPS571(SPECIAL)
Q303	1854-1263	1	1	TRANSISTOR NPN SI T0-92 PD=625MW	02037	MPS571(SPECIAL)
Q304	1854-1263	1	1	TRANSISTOR NPN SI T0-92 PD=625MW	02037	MPS571(SPECIAL)
Q305	1854-1263	1	1	TRANSISTOR NPN SI T0-92 PD=625MW	02037	MPS571(SPECIAL)
Q306	1854-1263	1	1	TRANSISTOR NPN SI T0-92 PD=625MW	02037	MPS571(SPECIAL)
Q307	1854-1263	1	1	TRANSISTOR NPN SI T0-92 PD=625MW	02037	MPS571(SPECIAL)
Q308	1854-1263	1	1	TRANSISTOR NPN SI T0-92 PD=625MW	02037	MPS571(SPECIAL)
Q309	1854-1263	1	1	TRANSISTOR NPN SI T0-92 PD=625MW	02037	MPS571(SPECIAL)

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
Q310	1854-1263	1	1	TRANSISTOR NPN SI TO-92 PD=625MW	02037	MPS571(SPECIAL)
Q311	1854-1263	1	1	TRANSISTOR NPN SI TO-92 PD=625MW	02037	MPS571(SPECIAL)
Q312	1854-1263	1	1	TRANSISTOR NPN SI TO-92 PD=625MW	02037	MPS571(SPECIAL)
Q313	1854-1263	1	1	TRANSISTOR NPN SI TO-92 PD=625MW	02037	MPS571(SPECIAL)
Q314	1854-1263	1	1	TRANSISTOR NPN SI TO-92 PD=625MW	02037	MPS571(SPECIAL)
Q401	1854-1263	1	1	TRANSISTOR NPN SI TO-92 PD=625MW	02037	MPS571(SPECIAL)
Q402	1854-1263	1	1	TRANSISTOR NPN SI TO-92 PD=625MW	02037	MPS571(SPECIAL)
Q403	1854-1263	1	1	TRANSISTOR NPN SI TO-92 PD=625MW	02037	MPS571(SPECIAL)
Q404	1855-0769	2	1	TRANSISTOR GAAS FET N-CHAN GALLIUM	00039	NE72084
Q405	1855-0769	2	1	TRANSISTOR GAAS FET N-CHAN GALLIUM	00039	NE72084
Q406	1854-1263	1	1	TRANSISTOR NPN SI TO-92 PD=625MW	02037	MPS571(SPECIAL)
Q407	1854-1263	1	1	TRANSISTOR NPN SI TO-92 PD=625MW	02037	MPS571(SPECIAL)
Q501	1855-0420	2	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	02883	2N4391
Q502	1855-0276	6	1	TRANSISTOR J-FET 2N4416A N-CHAN D-MODE	02037	2N4416A
Q601	1855-0241	5	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-72 SI	02883	SD215DE
Q602	1855-0241	5	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-72 SI	02883	SD215DE
Q603	1855-0241	5	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-72 SI	02883	SD215DE
Q604	1855-0241	5	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-72 SI	02883	SD215DE
Q605	1855-0241	5	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-72 SI	02883	SD215DE
Q801	1854-0477	7	1	TRANSISTOR NPN 2N2222A SI TO-18 PD=500MW	02037	2N2222A
Q802	1854-0477	7	1	TRANSISTOR NPN 2N2222A SI TO-18 PD=500MW	02037	2N2222A
R4	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R5	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R6	0757-0461	2	1	RESISTOR 68.1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R7	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R101	0757-0458	7	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R102	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R103	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R104	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R106	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R107	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R108	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R109	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R110	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R111	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R112	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R114	0698-7229	8	1	RESISTOR 511 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R115	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R116	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R117	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R201	0757-0405	4	1	RESISTOR 162 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R202	0757-0424	7	1	RESISTOR 1.1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R203	0757-0428	1	1	RESISTOR 1.62K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R204	0698-3434	9	1	RESISTOR 34.8 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R205	0757-0418	9	1	RESISTOR 619 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R206	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R207	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R208	0698-3447	4	1	RESISTOR 422 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R209	0757-0447	4	1	RESISTOR 16.2K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R210	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R211	0757-0440	7	1	RESISTOR 7.5K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R212	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R213	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R214	0757-0274	5	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R215	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R216	0698-3431	6	1	RESISTOR 23.7 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R217	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R218	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R219	0757-0274	5	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R220	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R221	0757-0400	9	1	RESISTOR 90.9 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R222	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R223	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R224	0757-0419	0	1	RESISTOR 681 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R225	0757-0440	7	1	RESISTOR 7.5K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R226	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R227	0757-0289	2	1	RESISTOR 13.3K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R228	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R229	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R230	0757-0420	3	1	RESISTOR 750 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R231	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R232	0757-0405	4	1	RESISTOR 162 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R234	0757-0399	5	1	RESISTOR 82.5 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R235	0757-0428	1	1	RESISTOR 1.62K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R236	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R237	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R238	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R239	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R240	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R241	0698-3446	3	1	RESISTOR 383 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R242	0698-3438	3	1	RESISTOR 147 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R243	0757-0397	3	1	RESISTOR 68.1 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R245	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R246	0757-0279	0	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R247	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R248	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R249	0757-0416	7	1	RESISTOR 511 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R250	0698-3439	4	1	RESISTOR 178 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R251	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R252	0698-3153	9	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R253	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R254	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R255	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R256	0757-0394	0	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R258	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1

*Indicates factory-selected value

HP Part Number 08560-60022

Log Amplifier

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R259	0698-7239	0	1	RESISTOR 1.33K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R260	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R261	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R262	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R302	0757-0278	9	1	RESISTOR 1.78K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R303	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R305	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R306	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R307	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R310	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R311	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R314	0757-0278	9	1	RESISTOR 1.78K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R315	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R317	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R322	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R323	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R326	0757-0428	1	1	RESISTOR 1.62K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R327	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R329	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R334	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R335	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R338	0757-0428	1	1	RESISTOR 1.62K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R339	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R340	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R341	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R343	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R348	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R349	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R352	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R354	0757-1094	9	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R355	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R357	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R362	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R363	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R366	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R367	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R369	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R374	0698-8822	9	1	RESISTOR 6.81 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R375	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R378	0757-0274	5	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R379	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R381	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R386	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R387	0698-8821	8	1	RESISTOR 5.62 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R390	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R399	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R401	0757-0403	2	1	RESISTOR 121 +-1% .125W TF TC=0+-100	05524	CMF-55-1

HP Part Number 08560-60022

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R402	0698-3434	9	1	RESISTOR 34.8 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R403	0698-3434	9	1	RESISTOR 34.8 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R404	0698-3132	4	1	RESISTOR 261 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R405	0757-0403	2	1	RESISTOR 121 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R406	0698-7234	5	1	RESISTOR 825 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R408	0698-7232	3	1	RESISTOR 681 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R409	0757-0420	3	1	RESISTOR 750 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R410	0757-1094	9	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R411	0698-3132	4	1	RESISTOR 261 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R412	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R413	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R416	0757-0422	5	1	RESISTOR 909 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R417	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R418	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R419	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R420	0698-3440	7	1	RESISTOR 196 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R421	0698-3440	7	1	RESISTOR 196 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R422	0698-3446	3	1	RESISTOR 383 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R423	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R424	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R425	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R426	0757-0424	7	1	RESISTOR 1.1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R427	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R429	0698-7205	0	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R430	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R432	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R433	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R435	0757-0424	7	1	RESISTOR 1.1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R436	0698-3132	4	1	RESISTOR 261 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R437	0757-1094	9	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R438	0698-7229	8	1	RESISTOR 511 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R439	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R440	0698-3132	4	1	RESISTOR 261 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R441	0698-3132	4	1	RESISTOR 261 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R442	0757-1094	9	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R443	0698-3443	0	1	RESISTOR 287 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R444	0698-7219	6	1	RESISTOR 196 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R445	2100-1986	9	1	RESISTOR-TRMR 1K 10% TKF TOP-ADJ 1-TRN	04568	82PR1K
R501	0698-3434	9	1	RESISTOR 34.8 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R502	0757-0416	7	1	RESISTOR 511 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R503	0698-3439	4	1	RESISTOR 178 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R504	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R505	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R506	0698-3132	4	1	RESISTOR 261 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R507	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R508	0698-3453	2	1	RESISTOR 196K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R509	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R510	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1

*Indicates factory-selected value

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R511	0698-3440	7	1	RESISTOR 196 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R512	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R513	0698-3154	0	1	RESISTOR 4.22K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R514	0698-3154	0	1	RESISTOR 4.22K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R515	0698-3440	7	1	RESISTOR 196 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R516	0757-0443	0	1	RESISTOR 11K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R517	0757-0421	4	1	RESISTOR 825 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R518	0698-3440	7	1	RESISTOR 196 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R519	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R520	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R521	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R522	0698-3440	7	1	RESISTOR 196 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R523	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R525	0757-0416	7	1	RESISTOR 511 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R526	0698-3157	3	1	RESISTOR 19.6K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R528	0757-0419	0	1	RESISTOR 681 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R529	0698-3444	1	1	RESISTOR 316 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R530	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R531	2100-1985	8	1	RESISTOR-TRMR 20 20% TKF TOP-ADJ 1-TRN	04568	82PR20
R533	0698-3151	7	1	RESISTOR 2.87K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R535	0757-0279	0	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R536	0698-3441	8	1	RESISTOR 215 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R537	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R538	0757-0200	7	1	RESISTOR 5.62K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R539	0698-3440	7	1	RESISTOR 196 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R540	0698-3440	7	1	RESISTOR 196 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R541	0698-7243	6	1	RESISTOR 1.96K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R542	0698-7242	5	1	RESISTOR 1.78K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R543	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R544	2100-1738	9	1	RESISTOR-TRMR 10K 10% TKF TOP-ADJ 1-TRN	04568	82PR10K
R551	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R552	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R553	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R555	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R556	0698-7214	1	1	RESISTOR 121 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R557	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R558	0757-0400	9	1	RESISTOR 90.9 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R559	0698-0082	7	1	RESISTOR 464 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R561	0698-3442	9	1	RESISTOR 237 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R562	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R601	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R602	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R603	0757-0288	1	1	RESISTOR 9.09K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R605	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R606	0698-3153	9	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R607	0698-3160	8	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R609	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R610	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R611	0698-3156	2	1	RESISTOR 14.7K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R613	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R614	0757-0440	7	1	RESISTOR 7.5K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R615	0757-0289	2	1	RESISTOR 13.3K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R617	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R618	0757-0460	1	1	RESISTOR 61.9K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R619	0757-0419	0	1	RESISTOR 681 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R620	0757-0424	7	1	RESISTOR 1.1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R621	0698-6364	0	1	RESISTOR 50 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R622	0699-1943	3	1	RESISTOR 348 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1
R623	0698-3446	3	1	RESISTOR 383 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R625	8159-0005	0	1	RESISTOR 0 CWM	01339	L-2007-1
R626	0757-0461	2	1	RESISTOR 68.1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R627	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R628	0698-6323	1	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R629	8159-0005	0	1	RESISTOR 0 CWM	01339	L-2007-1
R630	0698-6358	2	1	RESISTOR 100K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R631	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R632	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R633	0757-0422	5	1	RESISTOR 909 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R701	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R702	0757-0394	0	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R703	0757-0394	0	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R704	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R705	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R706	0757-0440	7	1	RESISTOR 7.5K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R710	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R711	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R712	0757-0418	9	1	RESISTOR 619 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R713	0757-0123	3	1	RESISTOR 34.8K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R714	0757-0463	4	1	RESISTOR 82.5K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R715	0757-0460	1	1	RESISTOR 61.9K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R716	0757-0458	7	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R717	0757-0458	7	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R718	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R719	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R720	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R721	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R722	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R723	0757-0440	7	1	RESISTOR 7.5K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R724	0757-0399	5	1	RESISTOR 82.5 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R731	0757-0279	0	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R735	0698-8817	2	1	RESISTOR 2.61 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R736	0757-0395	1	1	RESISTOR 56.2 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R737	0698-3153	9	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R738	0698-8818	3	1	RESISTOR 3.16 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R740	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2

*Indicates factory-selected value

08560-60022 Parts List

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HP Part Number 08560-60022

Log Amplifier

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R801	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R802	0698-6376	4	1	RESISTOR 200K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R803	0757-0123	3	1	RESISTOR 34.8K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R804	0698-3439	4	1	RESISTOR 178 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R805	0757-0439	4	1	RESISTOR 6.81K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R806	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R807	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R808	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R809	0757-0416	7	1	RESISTOR 511 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R810	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R811	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R812	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R813	0757-0440	7	1	RESISTOR 7.5K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R814	0698-0083	8	1	RESISTOR 1.96K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R815	0698-3159	5	1	RESISTOR 26.1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R816	0757-0440	7	1	RESISTOR 7.5K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R817	0757-0428	1	1	RESISTOR 1.62K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R818	0757-0441	8	1	RESISTOR 8.25K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R819	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R820	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R821	0698-3156	2	1	RESISTOR 14.7K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R822	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R823	0757-1094	9	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R824	0757-0416	7	1	RESISTOR 511 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R825	0698-3450	9	1	RESISTOR 42.2K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R826	2100-3091	1	1	RESISTOR-TRMR 2K 10% TKF TOP-ADJ 17-TRN	04568	67WR
R827	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R828	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R829	0757-0458	7	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R830	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R832	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R833	0757-0382	6	1	RESISTOR 16.2 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R834	0757-0180	2	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R835	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R836	0698-3136	8	1	RESISTOR 17.8K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R837	0757-0416	7	1	RESISTOR 511 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R838	0757-0379	1	1	RESISTOR 12.1 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R839	0757-0394	0	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R841	0757-0416	7	1	RESISTOR 511 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R842	8159-0005	0	1	RESISTOR 0 CWM	01339	L-2007-1
R845	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R846	0757-0398	4	1	RESISTOR 75 +-1% .125W TF TC=0+-100	05524	CMF-55-1
RT560	0839-0011	2	1	THERMISTOR DISC 100-OHM TC=-3.8%/C-DEG	05098	21E23
RT562	0837-0380	4	1	THERMISTOR TUB WITH AXL LEADS 50K-OHM	12830	MSC 503K
T1	9100-4444	7	1	TRANSFORMER-RF INPUT IMP.:50 OHMS	02739	T1-1T-X65
U101	1820-3847	0	1	IC DCDR CMOS/HCT BIN 3-TO-8-LINE	03406	MM74HCT138N
U102	1826-1234	7	1	D/A 8-BIT 20-CERDIP CMOS	03285	AD7226BQ

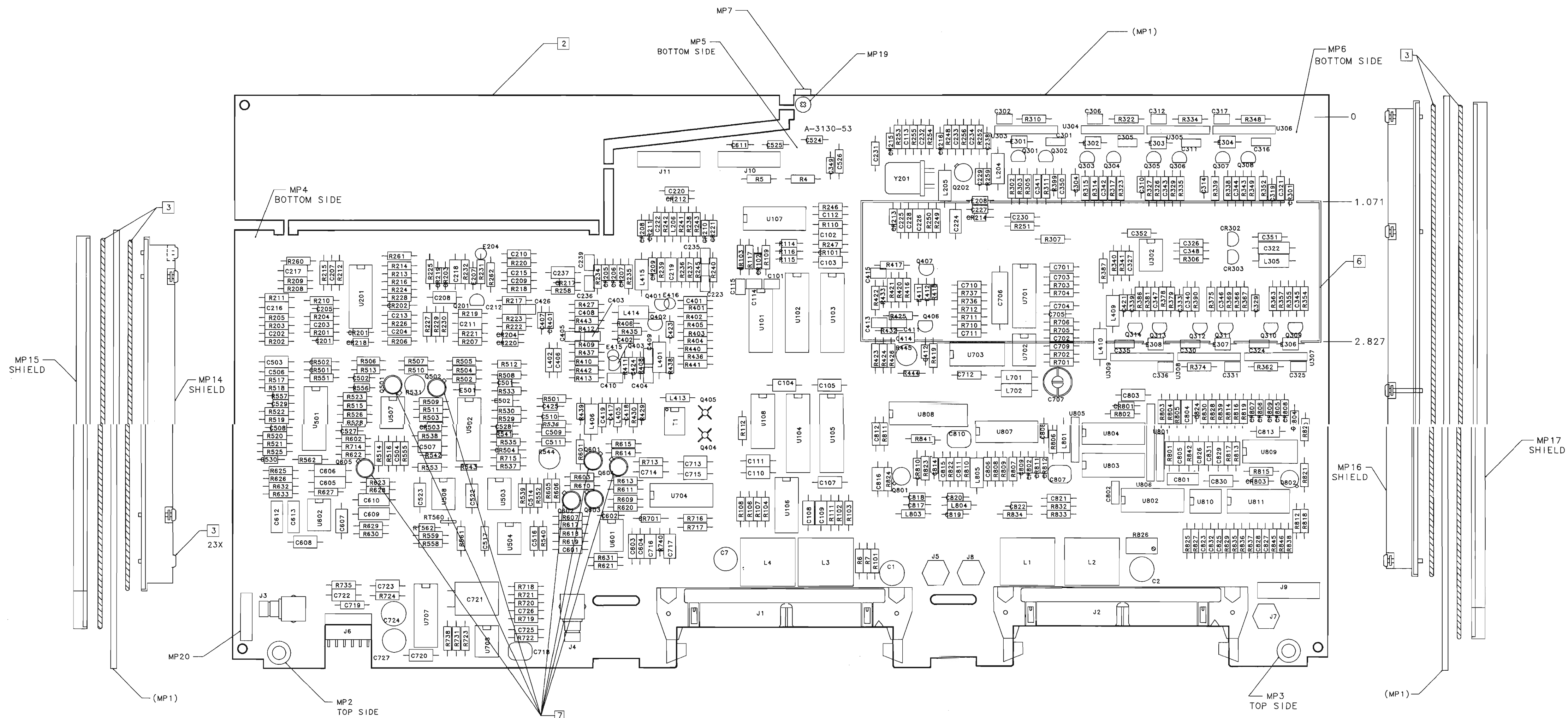
HP Part Number 08560-60022

Log Amplifier

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
U103	1820-4465	0	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	02910	74HCT377N
U104	1820-4465	0	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	02910	74HCT377N
U105	1820-4465	0	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	02910	74HCT377N
U106	1826-0161	7	1	IC OP AMP GP QUAD 14 PIN DIP-P	03406	LM324N
U107	1858-0008	8	1	TRANSISTOR ARRAY 14-PIN PLSTC DIP	02037	SPQ526K
U108	1826-0161	7	1	IC OP AMP GP QUAD 14 PIN DIP-P	03406	LM324N
U201	1858-0040	8	1	TRANSISTOR ARRAY 16-PIN PLSTC DIP	03799	CA3127E
U302	1826-0990	0	1	IC OP AMP GP DUAL 8 PIN DIP-C	02037	MC1458U
U303	1810-1329	8	1	NETWORK-RES 8-SIP MULTI-VALUE	02483	
U304	1810-1329	8	1	NETWORK-RES 8-SIP MULTI-VALUE	02483	
U305	1810-1329	8	1	NETWORK-RES 8-SIP MULTI-VALUE	02483	
U306	1810-1329	8	1	NETWORK-RES 8-SIP MULTI-VALUE	02483	
U307	1810-1329	8	1	NETWORK-RES 8-SIP MULTI-VALUE	02483	
U308	1810-1329	8	1	NETWORK-RES 8-SIP MULTI-VALUE	02483	
U309	1810-1329	8	1	NETWORK-RES 8-SIP MULTI-VALUE	02483	
U501	1858-0040	8	1	TRANSISTOR ARRAY 16-PIN PLSTC DIP	03799	CA3127E
U502	1858-0040	8	1	TRANSISTOR ARRAY 16-PIN PLSTC DIP	03799	CA3127E
U503	1826-1940	2	1	IC OP AMP HS 8 PIN DIP-P	03285	AD847JN
U504	1826-1940	2	1	IC OP AMP HS 8 PIN DIP-P	03285	AD847JN
U507	1826-1135	7	1	IC OP AMP PRCN 8 PIN DIP-C	02180	OP-27EZ
U508	1826-1970	8	1	IC OP AMP HS 8 PIN DIP-P	03285	AD848JN
U601	1826-1940	2	1	IC OP AMP HS 8 PIN DIP-P	03285	AD847JN
U602	1826-0716	8	1	IC OP AMP LOW-NOISE DUAL 8 PIN DIP-C	02910	NE5532AFE
U701	1826-1326	8	1	IC RF/IF AMPL 16 PIN DIP-P	03406	LM3189N
U702	1826-0915	9	1	IC OP AMP LOW-BIAS-H-IMPED 8 PIN DIP-C	02037	MC34001BU
U703	1820-3537	5	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG	02910	74HCT74N
U704	1820-5069	2	1	IC ANLG-MUXR/DEMUXR CMOS/HC 8-CHANNEL	03406	MM74HC4051N
U707	1826-1315	5	1	IC AUDIO AMPL ANLG 14 PIN DIP-P	03406	LM390N
U708	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U801	1810-0947	4	1	NETWORK-RES 6-SIP MULTI-VALUE	02483	750-6P-5R
U802	1826-1361	1	1	ANALOG SWITCH 4 SPST 16 -DIP-P	02883	D6212CJ
U803	1826-0610	1	1	ANALOG MULTIPLEXER 4 CHNL 16 -CERDIP	02180	MUX-24FQ
U804	1826-0753	3	1	IC OP AMP LOW-BIAS-H-IMPED QUAD 14 PIN	02037	MC34004BL
U805	1810-0946	3	1	NETWORK-RES 6-SIP MULTI-VALUE	02483	750-6P-5R
U806	1810-0542	5	1	NETWORK-RES 10-SIP 10.0K OHM X 5	02483	750-103-R10K
U807	1820-2622	7	1	IC OSC TTL/LS	01698	SN74LS624N
U808	1820-3405	6	1	IC MISC CMOS 4-BIT	02037	MC145146P
U809	1820-3537	5	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG	02910	74HCT74N
U810	1826-0915	9	1	IC OP AMP LOW-BIAS-H-IMPED 8 PIN DIP-C	02037	MC34001BU
U811	1820-4677	6	1	IC CNTR CMOS/HC DECD ASYNCHRO DUAL 4-BIT	01698	SN74HC490N
Y201	0410-2140	4	1	CRYSTAL-QUARTZ 10.6919 MHZ HC-43/U-HLDR	03747	

*Indicates factory-selected value

D-08560-60022-2			
SYM	REVISIONS	APPROVED	DATE
A	AS ISSUED PER PCO 53-06083		10-15-91



NOTES: UNLESS OTHERWISE SPECIFIED

1. DIMENSIONS ARE IN INCHES
2. REMOVE TABS AFTER WAVE SOLDER
3. SCREWS FOR SHIELDS(23 PER BOARD) AND SPIRO-GASKET ARE ON THE MATERIAL LIST FOR THE SHIELDS. MAKE SURE ALL THE PARTS ARE INTACT
4. ASSURE THAT THE FOLLOWING PINS HAVE BEEN REMOVED, J9 PIN 9, J10 PIN 9 AND J11 PIN 9 PRIOR TO ASSEMBLY AND MACHINE SOLDER
5. MAXIMUM LEAD TRIM LENGTH .118
6. MAXIMUM COMPONENT HEIGHT .350 OUTSIDE RECTANGLE, .270 INSIDE RECTANGLE
7. INSTALL TRANSISITOR MOUNTS (MP8-13, AND MP21) UNDER Q501, 502, 601, 602,603,604, AND Q605.

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DO NOT DISCLOSE TO OR DUPLICATE FOR
OTHERS EXCEPT AS AUTHORIZED BY HP.

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.
TOLERANCES: XX.XXX □.010
XX.XX □.02
THIRD ANGLE
PROJECTION
DO NOT SCALE THIS DRAWING

DRAWN BY	DATE
ENGINEER/CHECKER	DATE
RELEASE TO PROD.	DATE
SUPERSEDES DWG.	

ASSEMBLY, PWB
LOG AMPLIFIER

TITLE

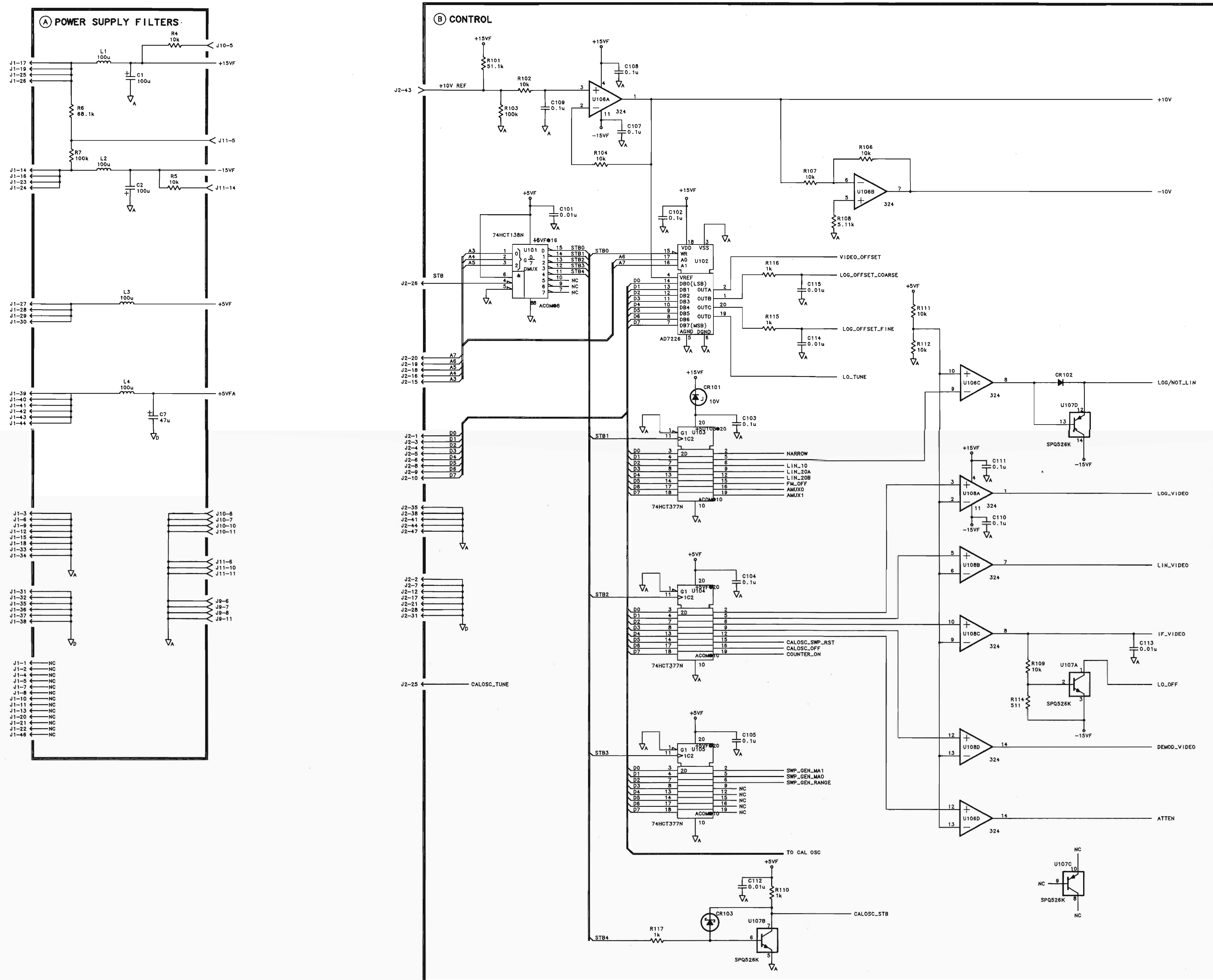
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SHEET 1 OF 1	08560-60022
PART NUMBER	D-08560-60022-2

HEWLETT
PACKARD

A3142

D-08560-60022-1

SYM	REVISIONS	APPROVED	DATE
A	AS ISSUED PER PCO #53-06083		07-22-91



PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
1	NC	NC	A
2	NC	NC	A
3	AGND	NC	A
4	NC	NC	A
5	NC	NC	A
6	AGND	ASJ1-6	A
7	NC	NC	A
8	NC	NC	A
9	AGND	ASJ1-9	A
10	SCAN RAMP	NC	A
11	NC	NC	A
12	AGND	NC	A
13	-12.6V (PROBE)	NC	A
14	-15V	ASJ1-14	A
15	AGND	ASJ1-15	A
16	-15V	ASJ1-16	A
17	+15V	ASJ1-17	A
18	AGND	ASJ1-18	A
19	+15V	ASJ1-19	A
20	+25V	NC	A
21	+25V	NC	A
22	PRC UP	NC	A
23	-15V	ASJ1-23	A
24	-15V	ASJ1-24	A
25	+15V	ASJ1-25	A
26	+15V	ASJ1-26	A
27	+15V	ASJ1-27	A
28	+15V	ASJ1-28	A
29	+15V	ASJ1-29	A
30	+15V	ASJ1-30	A
31	AGND	ASJ1-31	A
32	AGND	ASJ1-32	A
33	AGND	ASJ1-33	A
34	AGND	ASJ1-34	A
35	AGND	ASJ1-35	A
36	AGND	ASJ1-36	A
37	AGND	ASJ1-37	A
38	AGND	ASJ1-38	A
39	NC	NC	A
40	+25V	ASJ1-40	A
41	AGND	ASJ1-41	A
42	+25V	ASJ1-42	A
43	+25V	ASJ1-43	A
44	+25V	ASJ1-44	A
45	+25V	ASJ1-45	A
46	LINE TRIGGER	NC	A
47	+15V	ASJ1-47	A
48	+15V	ASJ1-48	A
49	+15V	ASJ1-49	A
50	+15V	ASJ1-50	A

PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
1	SD	ASJ2-1	B
2	AGND	ASJ2-2	B
3	SD	ASJ2-3	B
4	SD	ASJ2-4	B
5	SD	ASJ2-5	B
6	SD	ASJ2-6	B
7	SD	ASJ2-7	B
8	SD	ASJ2-8	B
9	SD	ASJ2-9	B
10	SD	ASJ2-10	B
11	SD	ASJ2-11	B
12	AGND	ASJ2-12	B
13	SD	ASJ2-13	B
14	SD	ASJ2-14	B
15	SD	ASJ2-15	B
16	SD	ASJ2-16	B
17	SD	ASJ2-17	B
18	SD	ASJ2-18	B
19	SD	ASJ2-19	B
20	SD	ASJ2-20	B
21	AGND	ASJ2-21	B
22	PRC STB	NC	B
23	LFC STB	NC	B
24	LFC STB	NC	B
25	CALOSC TUNE	ASJ2-25	B
26	CALOSC TUNE	ASJ2-26	B
27	CALOSC TUNE	ASJ2-27	B
28	CALOSC TUNE	ASJ2-28	B
29	CALOSC TUNE	ASJ2-29	B
30	CALOSC TUNE	ASJ2-30	B
31	CALOSC TUNE	ASJ2-31	B
32	RESERVED	NC	B
33	ERR	ASJ2-33	B
34	ERR	ASJ2-34	B
35	ERR	ASJ2-35	B
36	ERR	ASJ2-36	B
37	ERR	ASJ2-37	B
38	ERR	ASJ2-38	B
39	ERR	ASJ2-39	B
40	ERR	ASJ2-40	B
41	ERR	ASJ2-41	B
42	ERR	ASJ2-42	B
43	ERR	ASJ2-43	B
44	ERR	ASJ2-44	B
45	ERR	ASJ2-45	B
46	ERR	ASJ2-46	B
47	ERR	ASJ2-47	B
48	ERR	ASJ2-48	B
49	ERR	ASJ2-49	B
50	ERR	ASJ2-50	B

PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
1	VOL RETURN	FRONT PANEL	T
2	VOL	FRONT PANEL	T
3	AUDIO	REAR PANEL J1	T
4	SW AUDIO	REAR PANEL J1	T
5	SPKR POS	LSJ1	T
6	SPKR RETURN	LSJ1	T

PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
1	MS1	NC	K
2	MS2	NC	K
3	MS3	NC	K
4	MS4	NC	K
5	MS5	NC	K
6	MS6	NC	K
7	MS7	NC	K
8	MS8	NC	K
9	MS9	NC	K
10	MS10	NC	K
11	MS11	NC	K
12	MS12	NC	K
13	MS13	NC	K
14	MS14	NC	K
15	MS15	NC	K
16	MS16	NC	K

PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
1	MS1	NC	K
2	MS2	NC	K
3	MS3	NC	K
4	MS4	NC	K
5	MS5	NC	K
6	MS6	NC	K
7	MS7	NC	K
8	MS8	NC	K
9	MS9	NC	K
10	MS10	NC	K
11	MS11	NC	K
12	MS12	NC	K
13	MS13	NC	K
14	MS14	NC	K
15	MS15	NC	K
16	MS16	NC	K

PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
1	MS1	NC	K
2	MS2	NC	K
3	MS3	NC	K
4	MS4	NC	K
5	MS5	NC	K
6	MS6	NC	K
7	MS7	NC	K
8	MS8	NC	K
9	MS9	NC	K
10	MS10	NC	K
11	MS11	NC	K
12	MS12	NC	K
13	MS13	NC	K
14	MS14	NC	K
15	MS15	NC	K
16	MS16	NC	K

NOTES:

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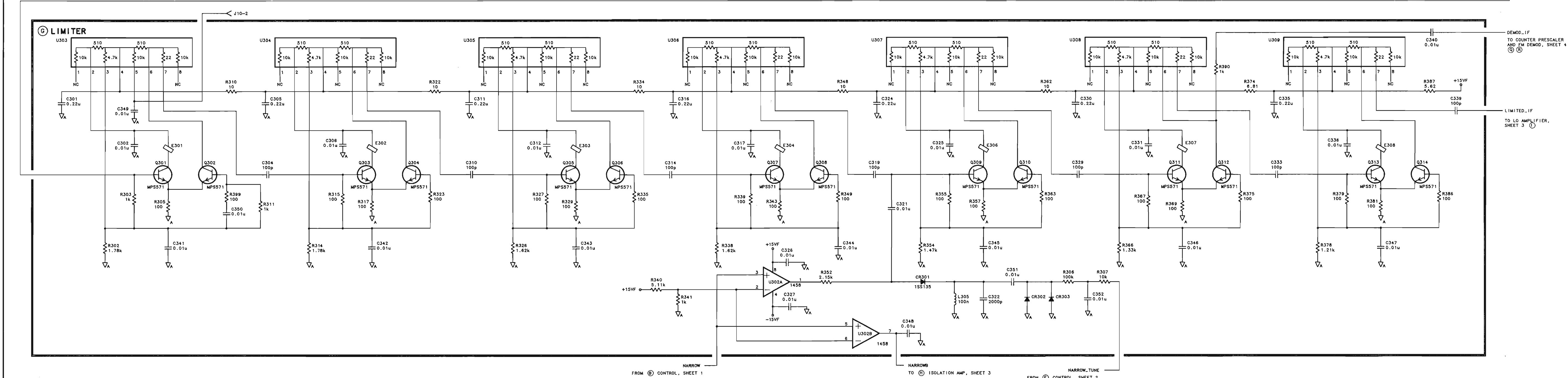
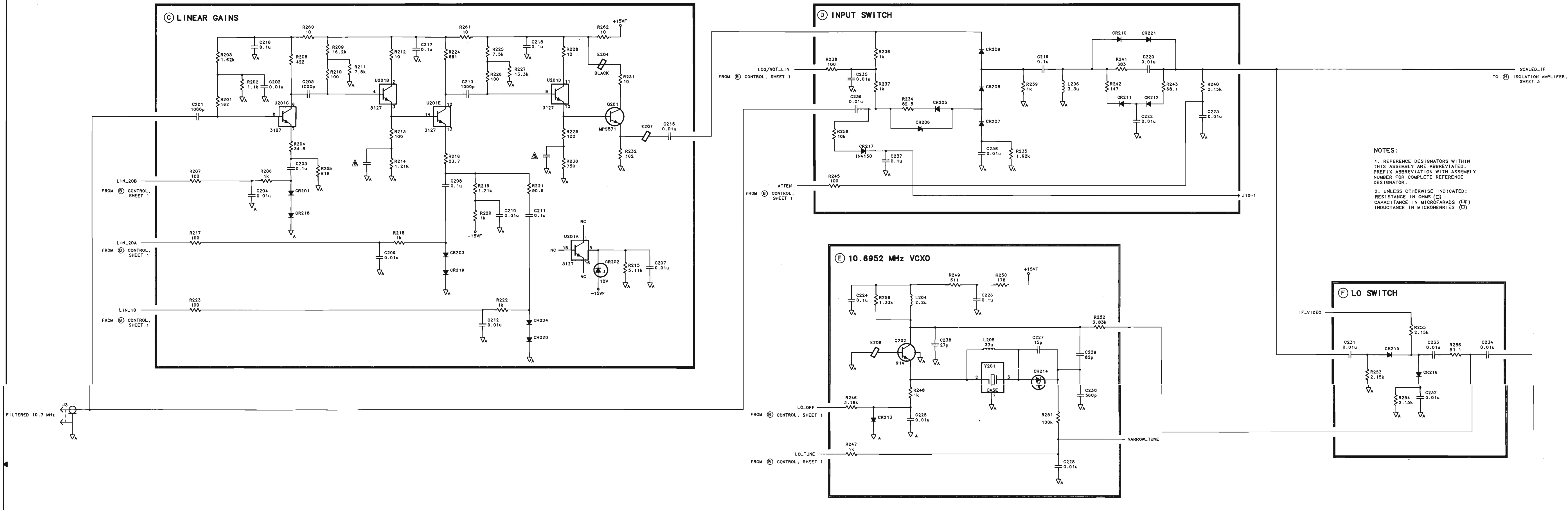
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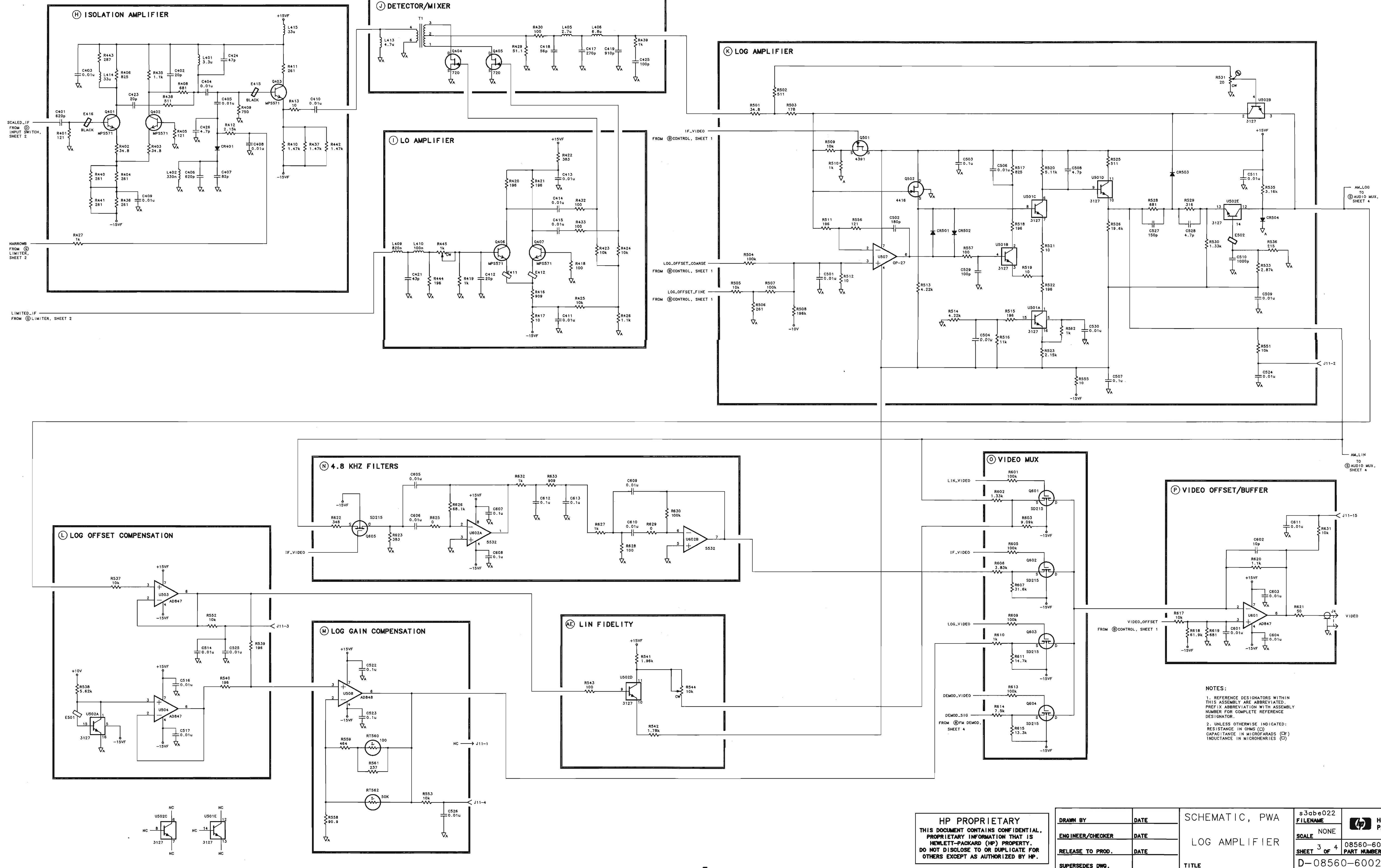


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Component-Level Information Packet
for 08560-60061
also includes:
08562-60120
10.7 MHZ Filter

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HP Part Number 08560-60061

10.7 MHZ Filter

Reference Designation	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
C1	0180-3766	3	1	1	CAP-FXD 220uF +-20% 25 V AL-ELCTLT	04200	501D227M025MN
C2	0180-3766	3	1	1	CAP-FXD 220uF +-20% 25 V AL-ELCTLT	04200	501D227M025MN
C100	0160-4832	4	1	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C101	0160-3879	7	1	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C102	0160-3879	7	1	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C103	0160-3874	2	1	1	CAP-FXD 10pF +-5% 200 V CER C0G	09939	RPE121-105C0G100D200V
C104	0160-3879	7	1	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C105	0160-4084	8	1	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPE122-139X7R104M50V
C106	0160-3879	7	1	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C107	0160-4040	6	1	1	CAP-FXD 1000pF +-5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C108	0160-3879	7	1	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C109	0160-3879	7	1	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C110	0160-3879	7	1	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C111	0160-3879	7	1	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C112	0160-3879	7	1	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C113	0160-4084	8	1	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPE122-139X7R104M50V
C200	0160-4557	0	1	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C201	0160-4557	0	1	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C202	0160-4822	2	1	1	CAP-FXD 1000pF +-5% 100 V CER C0G	09939	RPA20C0G102J100V
C203	0160-4832	4	1	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C204	0160-4787	8	1	1	CAP-FXD 22pF +-5% 100 V CER C0G	09939	RPA10C0G220J100
C205	0160-4832	4	1	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C206	0160-4832	4	1	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C207	0160-4832	4	1	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C208	0160-4832	4	1	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C209	0160-3879	7	1	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C210	0160-3879	7	1	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C211	0160-4557	0	1	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C212	0160-4557	0	1	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C213	0160-4822	2	1	1	CAP-FXD 1000pF +-5% 100 V CER C0G	09939	RPA20C0G102J100V
C214	0160-4832	4	1	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C215	0160-4832	4	1	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C216	0160-5699	3	1	1	CAP-FXD 20pF +-5% 100 V CER C0G	28480	0160-5699
C217	0160-4832	4	1	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C218	0160-4557	0	1	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C219	0160-4832	4	1	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C220	0160-4832	4	1	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C221	0160-3879	7	1	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C222	0160-4832	4	1	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C223	0160-4832	4	1	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C224	0160-4832	4	1	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C225	0160-4832	4	1	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C226	0160-4380	7	1	1	CAP-FXD 1pF +-25% 200 V CER C0G	09939	RPE110-120C0G010C200V
C227	0160-4380	7	1	1	CAP-FXD 1pF +-25% 200 V CER C0G	09939	RPE110-120C0G010C200V
C300	0160-3879	7	1	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C301	0160-4832	4	1	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C302	0160-4832	4	1	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C303	0160-4799	2	1	1	CAP-FXD 2.2pF +-11.36% 100 V CER C0G	09939	RPA10C0G2R2C100

*Indicates factory-selected value

08561-60061 Parts List

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HP Part Number 08560-60061

10.7 MHZ Filter

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C304	0160-4799	2	1	CAP-FXD 2.2pF +-11.36% 100 V CER COG	09939	RPA10C0G2R2C100
C305	0160-2206	2	1	CAP-FXD 160pF +-5% 300 V MICA	10784	
C306	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C307	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C308	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C309	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C310	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C311	0160-4799	2	1	CAP-FXD 2.2pF +-11.36% 100 V CER COG	09939	RPA10C0G2R2C100
C312	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C313	0160-4799	2	1	CAP-FXD 2.2pF +-11.36% 100 V CER COG	09939	RPA10C0G2R2C100
C314	0160-2206	2	1	CAP-FXD 160pF +-5% 300 V MICA	10784	
C315	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C316	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C317	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C318	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C319	0160-4494	4	1	CAP-FXD 39pF +-5% 200 V CER COG	09939	RPE121-105C0G390J200V
C320	0160-4040	6	1	CAP-FXD 1000pF +-5% 100 V CER COG	09939	RPE121-105C0G102J100V
C321	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C322	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C323	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C324	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C325	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C326	0160-5699	3	1	CAP-FXD 20pF +-5% 100 V CER COG	28480	0160-5699
C327	0160-5699	3	1	CAP-FXD 20pF +-5% 100 V CER COG	28480	0160-5699
C328	0160-4084	8	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPE122-139X7R104M50V
C400	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C401	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C402	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C403	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C404	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C405	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C406	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C407	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C408	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C409	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C410	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C411	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C412	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C413	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C500	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C501	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C502	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C503	0160-4822	2	1	CAP-FXD 1000pF +-5% 100 V CER COG	09939	RPA20C0G102J100V
C504	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C505	0160-4787	8	1	CAP-FXD 22pF +-5% 100 V CER COG	09939	RPA10C0G220J100
C506	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C507	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V

HP Part Number 08560-60061

10.7 MHZ Filter

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C508	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C509	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C510	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C511	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C512	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C513	0160-4822	2	1	CAP-FXD 1000pF +-5% 100 V CER C0G	09939	RPA20C0G102J100V
C514	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C515	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C516	0160-4787	8	1	CAP-FXD 22pF +-5% 100 V CER C0G	09939	RPA10C0G220J100
C517	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C518	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C519	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C520	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C521	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C522	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C523	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C524	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C525	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C526	0160-4380	7	1	CAP-FXD 1pF +-25% 200 V CER C0G	09939	RPE110-120C0G010C200V
C527	0160-4380	7	1	CAP-FXD 1pF +-25% 200 V CER C0G	09939	RPE110-120C0G010C200V
C600	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C601	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C602	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C603	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C604	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C605	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C606	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C607	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C608	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C609	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C610	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C611	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C612	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C613	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C614	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C615	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C616	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C617	0160-5422	0	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	09939	RPA20X7R473M50V
C618	0160-5422	0	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	09939	RPA20X7R473M50V
C619	0160-5422	0	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	09939	RPA20X7R473M50V
C700	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C701	0160-4798	1	1	CAP-FXD 2.7pF +-9.26% 100 V CER C0G	09939	RPA10C0G2R7C100
C702	0160-4799	2	1	CAP-FXD 2.2pF +-11.36% 100 V CER C0G	09939	RPA10C0G2R2C100
C703	0160-2206	2	1	CAP-FXD 160pF +-5% 300 V MICA	10784	
C704	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C705	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C706	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C707	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V

**Indicates factory-selected value*

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HP Part Number 08560-60061

10.7 MHZ Filter

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C708	0160-4799	2	1	CAP-FXD 2.2pF +-11.36% 100 V CER COG	09939	RPA10C0G2R2C100
C709	0160-4799	2	1	CAP-FXD 2.2pF +-11.36% 100 V CER COG	09939	RPA10C0G2R2C100
C710	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C711	0160-2206	2	1	CAP-FXD 160pF +-5% 300 V MICA	10784	
C712	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C713	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C714	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C715	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C716	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C717	0160-5699	3	1	CAP-FXD 20pF +-5% 100 V CER COG	28480	0160-5699
C718	0160-5699	3	1	CAP-FXD 20pF +-5% 100 V CER COG	28480	0160-5699
C719	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C720	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C721	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C800	0180-4135	2	1	CAP-FXD 33uF +-10% 10 V TA	04200	173D336X9010X
C801	0180-2731	0	1	CAP-FXD 2.2uF +-10% 20 V TA	28480	0180-2731
C802	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C803	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C804	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C805	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C806	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C807	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C808	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C809	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C810	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C811	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C812	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C813	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C814	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C815	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C816	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C817	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C818	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C819	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C820	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C821	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C822	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
CR100	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR101	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR102	1901-1070	9	1	DIODE-PIN 110V	02062	
CR103	1901-1070	9	1	DIODE-PIN 110V	02062	
CR104	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR105	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR200	1901-0376	6	1	DIODE-GEN PRP 35V 50MA DO-35	00046	S303
CR201	0122-0245	5	1	DIODE-VVC 1N5139 6.8PF 10% C	02037	1N5139
CR202	0122-0263	7	1	DIODE-VVC 1N5148 47PF 10% C	02037	1N5148
CR203	0122-0263	7	1	DIODE-VVC 1N5148 47PF 10% C	02037	1N5148

HP Part Number 08560-60061

10.7 MHZ Filter

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
CR204	1901-0376	6	1	DIODE-GEN PRP 35V 50MA DO-35	00046	S303
CR205	1901-1070	9	1	DIODE-PIN 110V	02062	
CR206	1901-1070	9	1	DIODE-PIN 110V	02062	
CR207	1901-0376	6	1	DIODE-GEN PRP 35V 50MA DO-35	00046	S303
CR208	0122-0245	5	1	DIODE-VVC 1N5139 6.8PF 10% C	02037	1N5139
CR209	0122-0263	7	1	DIODE-VVC 1N5148 47PF 10% C	02037	1N5148
CR210	0122-0263	7	1	DIODE-VVC 1N5148 47PF 10% C	02037	1N5148
CR211	1901-0376	6	1	DIODE-GEN PRP 35V 50MA DO-35	00046	S303
CR212	1901-1070	9	1	DIODE-PIN 110V	02062	
CR213	1901-1070	9	1	DIODE-PIN 110V	02062	
CR300	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR301	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR302	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR303	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR304	0122-0263	7	1	DIODE-VVC 1N5148 47PF 10% C	02037	1N5148
CR305	0122-0263	7	1	DIODE-VVC 1N5148 47PF 10% C	02037	1N5148
CR306	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR307	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR308	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR309	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR310	0122-0263	7	1	DIODE-VVC 1N5148 47PF 10% C	02037	1N5148
CR311	0122-0263	7	1	DIODE-VVC 1N5148 47PF 10% C	02037	1N5148
CR312	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR313	1901-0376	6	1	DIODE-GEN PRP 35V 50MA DO-35	00046	S303
CR314	1901-0376	6	1	DIODE-GEN PRP 35V 50MA DO-35	00046	S303
CR315	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR316	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR317	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR400	1901-1070	9	1	DIODE-PIN 110V	02062	
CR401	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR402	1901-1070	9	1	DIODE-PIN 110V	02062	
CR403	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR404	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR405	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR406	1901-0518	8	1	DIODE-SCHOTTKY SM SIG	02062	5082-5509
CR407	1901-0518	8	1	DIODE-SCHOTTKY SM SIG	02062	5082-5509
CR408	1901-0518	8	1	DIODE-SCHOTTKY SM SIG	02062	5082-5509
CR409	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR410	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR411	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR500	1901-0376	6	1	DIODE-GEN PRP 35V 50MA DO-35	00046	S303
CR501	0122-0245	5	1	DIODE-VVC 1N5139 6.8PF 10% C	02037	1N5139
CR502	0122-0263	7	1	DIODE-VVC 1N5148 47PF 10% C	02037	1N5148
CR503	0122-0263	7	1	DIODE-VVC 1N5148 47PF 10% C	02037	1N5148
CR504	1901-0376	6	1	DIODE-GEN PRP 35V 50MA DO-35	00046	S303
CR505	1901-1070	9	1	DIODE-PIN 110V	02062	
CR506	1901-1070	9	1	DIODE-PIN 110V	02062	
CR507	1901-0376	6	1	DIODE-GEN PRP 35V 50MA DO-35	00046	S303

*Indicates factory-selected value

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HP Part Number 08560-60061

10.7 MHZ Filter

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
CR508	0122-0245	5	1	DIODE-VVC 1N5139 6.8PF 10% C	02037	1N5139
CR509	0122-0263	7	1	DIODE-VVC 1N5148 47PF 10% C	02037	1N5148
CR510	0122-0263	7	1	DIODE-VVC 1N5148 47PF 10% C	02037	1N5148
CR511	1901-0376	6	1	DIODE-GEN PRP 35V 50MA DO-35	00046	S303
CR512	1901-1070	9	1	DIODE-PIN 110V	02062	
CR513	1901-1070	9	1	DIODE-PIN 110V	02062	
CR600	1901-0376	6	1	DIODE-GEN PRP 35V 50MA DO-35	00046	S303
CR602	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR604	1901-0376	6	1	DIODE-GEN PRP 35V 50MA DO-35	00046	S303
CR605	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR606	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR700	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR701	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR702	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR703	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR704	0122-0300	3	1	DIODE-VVC 100PF 5% C 2/C20-MIN=2	02037	SMV389-30
CR705	0122-0300	3	1	DIODE-VVC 100PF 5% C 2/C20-MIN=2	02037	SMV389-30
CR706	0122-0300	3	1	DIODE-VVC 100PF 5% C 2/C20-MIN=2	02037	SMV389-30
CR707	0122-0300	3	1	DIODE-VVC 100PF 5% C 2/C20-MIN=2	02037	SMV389-30
CR708	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR709	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR710	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR711	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR712	0122-0300	3	1	DIODE-VVC 100PF 5% C 2/C20-MIN=2	02037	SMV389-30
CR713	0122-0300	3	1	DIODE-VVC 100PF 5% C 2/C20-MIN=2	02037	SMV389-30
CR714	0122-0300	3	1	DIODE-VVC 100PF 5% C 2/C20-MIN=2	02037	SMV389-30
CR715	0122-0300	3	1	DIODE-VVC 100PF 5% C 2/C20-MIN=2	02037	SMV389-30
CR716	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR717	1901-0376	6	1	DIODE-GEN PRP 35V 50MA DO-35	00046	S303
CR718	1901-0376	6	1	DIODE-GEN PRP 35V 50MA DO-35	00046	S303
CR800	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR801	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
E300	9170-0847	3	1	CORE-SHIELDING BEAD	28480	9170-0847
E600	9170-0847	3	1	CORE-SHIELDING BEAD	28480	9170-0847
E601	9170-0847	3	1	CORE-SHIELDING BEAD	28480	9170-0847
E701	9170-0847	3	1	CORE-SHIELDING BEAD	28480	9170-0847
J1	1252-1064	4	1	CONN-POST TYPE .100-PIN-SPCG 50-CONT	01380	1-746878-0
J2	1252-1064	4	1	CONN-POST TYPE .100-PIN-SPCG 50-CONT	01380	1-746878-0
J3	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W/O-STDF 50-OHM	05769	51-053-0349-BE8
J4	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W/O-STDF 50-OHM	05769	51-053-0349-BE8
J5	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W/O-STDF 50-OHM	05769	51-053-0349-BE8
J6	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J7	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J8	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J9	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
L1	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
L2	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405

HP Part Number 08560-60061

10.7 MHZ Filter

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
L100	9100-1625	0	1	INDUCTOR RF-CH-MLD 33UH +-5%	05826	1537-52
L101	9100-3912	2	1	INDUCTOR RF-CH-MLD 15UH +-5%	03706	21501M-5%
L102	9140-0144	0	1	INDUCTOR RF-CH-MLD 4.7UH +-10%	05826	1025-36
L204	9100-3912	2	1	INDUCTOR RF-CH-MLD 15UH +-5%	03706	21501M-5%
L300	08562-80072	5	1		28480	08562-80072
L301	08562-80072	5	1		28480	08562-80072
L400	9140-0398	6	1	INDUCTOR RF-CH-MLD 12UH +-5%	03706	21201M-5%
L401	9100-0539	3	1	INDUCTOR RF-CH-MLD 10UH +-5%	03706	21001M-5%
L600	9100-3912	2	1	INDUCTOR RF-CH-MLD 15UH +-5%	03706	21501M-5%
L601	9100-1625	0	1	INDUCTOR RF-CH-MLD 33UH +-5%	05826	1537-52
L602	9100-1625	0	1	INDUCTOR RF-CH-MLD 33UH +-5%	05826	1537-52
L603	9140-0454	5	1	INDUCTOR RF-CH-MLD 18UH +-5%	03706	21801M-5%
L604	9100-1625	0	1	INDUCTOR RF-CH-MLD 33UH +-5%	05826	1537-52
L700	08562-80072	5	1		28480	08562-80072
L701	9100-1625	0	1	INDUCTOR RF-CH-MLD 33UH +-5%	05826	1537-52
L702	08562-80072	5	1		28480	08562-80072
L703	9100-0539	3	1	INDUCTOR RF-CH-MLD 10UH +-5%	03706	21001M-5%
L800	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +-5%	05826	1537-76
MP1	08560-20011	4	1		28480	08560-20011
MP2	5021-6729	3	1		28480	5021-6729
MP3	5021-6730	6	1		28480	5021-6730
MP4	5021-6731	7	1		28480	5021-6731
MP5	5021-6732	8	1		28480	5021-6732
MP6	0380-2055	5	2	SPACER-RVT-ON 9.5-MM-LG 3.8-MM-ID	02121	
MP7	1400-0866	7	1	CLAMP-CABLE .187-DIA .25-WD NYL	07158	C61332AA
MP8	1205-0485	2	1	HEAT SINK SGL TO-5/TO-39-CS	07179	3201B
MP9	8150-5022	3		WIRE 26AWG G KYNAR (PVF) 1X26	03500	KYNAR 26-1/26-5
MP10	8151-0013	4		WIRE 22AWG 1X22	05559	298
NONE0001	0340-0780	5	1	INSULATOR SLBL-LAC-CMPD	03724	TO-21-13E
NONE0002	0340-1132	3	1	SPACER-SOLUBLE WATER SOLUBLE; 0.062 IN	03724	TO-8-12
NONE0003	7121-4611	2	1	LABEL-INFORMATION .15-IN-WD .6-IN-LG	09002	
NONE0004	8151-0014	5	1	WIRE 24AWG 1X24	05623	
NONE0005	9320-6209	2	1	LBL-LNE-PTR; .65-IN-WD X .2-IN-LG	12532	
Q100	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q101	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q102	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q200	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q201	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q202	1855-0276	6	1	TRANSISTOR J-FET 2N4416A N-CHAN D-MODE	02037	2N4416A
Q203	1855-0276	6	1	TRANSISTOR J-FET 2N4416A N-CHAN D-MODE	02037	2N4416A
Q300	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q301	1855-0276	6	1	TRANSISTOR J-FET 2N4416A N-CHAN D-MODE	02037	2N4416A
Q302	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q303	1855-0276	6	1	TRANSISTOR J-FET 2N4416A N-CHAN D-MODE	02037	2N4416A
Q304	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q305	1853-0007	7	1	TRANSISTOR PNP 2N3251 SI TO-18 PD=360MW	02037	2N3251
Q306	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q400	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109

*Indicates factory-selected value

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HP Part Number 08560-60061

10.7 MHZ Filter

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
Q401	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q402	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q403	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q404	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q500	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q501	1855-0276	6	1	TRANSISTOR J-FET 2N4416A N-CHAN D-MODE	02037	2N4416A
Q502	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q503	1855-0276	6	1	TRANSISTOR J-FET 2N4416A N-CHAN D-MODE	02037	2N4416A
Q504	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q600	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q601	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q602	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q603	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q700	1855-0276	6	1	TRANSISTOR J-FET 2N4416A N-CHAN D-MODE	02037	2N4416A
Q701	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q702	1855-0276	6	1	TRANSISTOR J-FET 2N4416A N-CHAN D-MODE	02037	2N4416A
Q703	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q704	1853-0314	9	1	TRANSISTOR PNP 2N2905A SI TO-39 PD=400MW	02037	2N2905A
Q800	1854-0477	7	1	TRANSISTOR NPN 2N2222A SI TO-18 PD=500MW	02037	2N2222A
Q801	1854-0637	1	1	TRANSISTOR NPN 2N2219A SI TO-5 PD=800MW	02037	2N2219A
Q802	1854-0637	1	1	TRANSISTOR NPN 2N2219A SI TO-5 PD=800MW	02037	2N2219A
R100	0698-3442	9	1	RESISTOR 237 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R101	0757-0276	7	1	RESISTOR 61.9 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R102	0757-0276	7	1	RESISTOR 61.9 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R103	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R105	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R106	0698-3150	6	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R107	0698-3153	9	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R108	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R109	0698-4190	6	1	RESISTOR 50 +-0.25% .125W TF TC=0+-100	05524	CMF-55-1, T-1
R110	0698-3441	8	1	RESISTOR 215 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R112	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R113	0757-0428	1	1	RESISTOR 1.62K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R114	0698-0085	0	1	RESISTOR 2.61K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R117	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R119	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R120	0757-0419	0	1	RESISTOR 681 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R121	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R122	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R123	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R124	0698-7241	4	1	RESISTOR 1.62K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R125	0698-7193	5	1	RESISTOR 16.2 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R201	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R203	0698-8827	4	1	RESISTOR 1M +-1% .125W TF TC=0+-100	05524	CMF-55-1
R205	0757-0418	9	1	RESISTOR 619 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R206	0698-8823	0	1	RESISTOR 8.25 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R208	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1

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10.7 MHZ Filter

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R209	0757-0279	0	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R210	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R211	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R212	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R213	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R214	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R215	0757-0405	4	1	RESISTOR 162 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R216	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R217	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R218	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R219	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R220	0698-8827	4	1	RESISTOR 1M +-1% .125W TF TC=0+-100	05524	CMF-55-1
R222	0698-8823	0	1	RESISTOR 8.25 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R224	0757-0278	9	1	RESISTOR 1.78K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R225	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R226	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R227	0757-0279	0	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R228	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R229	0757-0276	7	1	RESISTOR 61.9 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R230	0757-0276	7	1	RESISTOR 61.9 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R231	0698-3154	0	1	RESISTOR 4.22K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R232	0698-8823	0	1	RESISTOR 8.25 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R234	0757-0274	5	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R235	0757-0274	5	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R300	0757-0416	7	1	RESISTOR 511 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R301	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R302	0757-0274	5	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R303	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R304	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R305	0698-8821	8	1	RESISTOR 5.62 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R306	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R308	0698-8827	4	1	RESISTOR 1M +-1% .125W TF TC=0+-100	05524	CMF-55-1
R310	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R311	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R312	0757-0279	0	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R313	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R314	0698-0082	7	1	RESISTOR 464 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R315	0698-0082	7	1	RESISTOR 464 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R316	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R317	0698-8821	8	1	RESISTOR 5.62 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R318	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R320	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R321	0698-8827	4	1	RESISTOR 1M +-1% .125W TF TC=0+-100	05524	CMF-55-1
R323	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R324	0757-0279	0	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R325	0698-3445	2	1	RESISTOR 348 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R326	0698-3444	1	1	RESISTOR 316 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R327	0698-3444	1	1	RESISTOR 316 +-1% .125W TF TC=0+-100	05524	CMF-55-1

**Indicates factory-selected value*

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HP Part Number 08560-60061

10.7 MHZ Filter

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R328	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R329	0698-3445	2	1	RESISTOR 348 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R330	0698-8823	0	1	RESISTOR 8.25 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R331	0698-6355	9	1	RESISTOR 400 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R332	0698-6377	5	1	RESISTOR 200 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R334	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R335	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R336	0698-6323	1	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R337	0757-0289	2	1	RESISTOR 13.3K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R338	0757-0441	8	1	RESISTOR 8.25K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R339	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R340	0757-0419	0	1	RESISTOR 681 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R341	0699-0068	1	1	RESISTOR 1.47M +-1% .125W TF TC=0+-100	06118	MK2
R342	0699-0068	1	1	RESISTOR 1.47M +-1% .125W TF TC=0+-100	06118	MK2
R343	2100-4144	7	1	RESISTOR-TRMR 200 10% TKF TOP-ADJ 17-TRN	03744	3299Y-DM3-201
R400	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R401	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R402	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R403	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R404	0757-0424	7	1	RESISTOR 1.1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R405	0757-0276	7	1	RESISTOR 61.9 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R406	0698-3441	8	1	RESISTOR 215 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R407	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R409	0698-3151	7	1	RESISTOR 2.87K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R410	0698-3151	7	1	RESISTOR 2.87K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R411	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R412	0698-3443	0	1	RESISTOR 287 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R413	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R414	0757-0316	6	1	RESISTOR 42.2 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R415	0757-0403	2	1	RESISTOR 121 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R416	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R417	0757-1094	9	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R419	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R420	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R421	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R422	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R423	0698-3444	1	1	RESISTOR 316 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R424	0698-3445	2	1	RESISTOR 348 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R425	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R426	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R427	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R428	0757-0288	1	1	RESISTOR 9.09K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R430	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R500	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R501	0757-0290	5	1	RESISTOR 6.19K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R502	0698-3153	9	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R503	0698-3444	1	1	RESISTOR 316 +-1% .125W TF TC=0+-100	05524	CMF-55-1

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10.7 MHZ Filter

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R504	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R505	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R507	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R508	0698-8827	4	1	RESISTOR 1M +-1% .125W TF TC=0+-100	05524	CMF-55-1
R511	0698-8823	0	1	RESISTOR 8.25 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R513	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R514	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R515	0757-0279	0	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R516	0757-0290	5	1	RESISTOR 6.19K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R517	0698-3153	9	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R518	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R519	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R520	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R521	0698-3444	1	1	RESISTOR 316 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R522	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R524	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R525	0698-8827	4	1	RESISTOR 1M +-1% .125W TF TC=0+-100	05524	CMF-55-1
R527	0698-8823	0	1	RESISTOR 8.25 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R530	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R531	0757-0279	0	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R532	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R533	0698-3154	0	1	RESISTOR 4.22K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R534	0698-3156	2	1	RESISTOR 14.7K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R535	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R536	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R537	0757-0421	4	1	RESISTOR 825 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R538	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R539	0757-0274	5	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R541	0757-0274	5	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R600	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R601	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R602	0698-4190	6	1	RESISTOR 50 +-0.25% .125W TF TC=0+-100	05524	CMF-55-1, T-1
R603	0698-6320	8	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R606	0698-3442	9	1	RESISTOR 237 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R607	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R608	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R609	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R610	0698-3444	1	1	RESISTOR 316 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R611	0757-1094	9	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R612	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R613	0698-3438	3	1	RESISTOR 147 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R614	0698-3439	4	1	RESISTOR 178 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R615	0698-3439	4	1	RESISTOR 178 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R616	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R617	0698-3441	8	1	RESISTOR 215 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R618	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R619	0757-1094	9	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R620	0757-0279	0	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	05524	CMF-55-1

**Indicates factory-selected value*

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10.7 MHZ Filter

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R621	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R622	0757-0439	4	1	RESISTOR 6.81K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R623	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R624	0757-0276	7	1	RESISTOR 61.9 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R625	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R626	0757-1094	9	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R627	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R628	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R629	0698-0082	7	1	RESISTOR 464 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R630	0698-0082	7	1	RESISTOR 464 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R631	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R632	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R633	0698-3438	3	1	RESISTOR 147 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R634	0698-7241	4	1	RESISTOR 1.62K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R635	0698-6364	0	1	RESISTOR 50 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R636	0698-6364	0	1	RESISTOR 50 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R700	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R701	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R702	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R703	0698-8827	4	1	RESISTOR 1M +-1% .125W TF TC=0+-100	05524	CMF-55-1
R704	0698-8827	4	1	RESISTOR 1M +-1% .125W TF TC=0+-100	05524	CMF-55-1
R705	0698-8827	4	1	RESISTOR 1M +-1% .125W TF TC=0+-100	05524	CMF-55-1
R706	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R707	0757-0279	0	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R708	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R709	0698-0082	7	1	RESISTOR 464 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R710	0698-0082	7	1	RESISTOR 464 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R711	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R712	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R713	0698-8827	4	1	RESISTOR 1M +-1% .125W TF TC=0+-100	05524	CMF-55-1
R714	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R715	0698-8827	4	1	RESISTOR 1M +-1% .125W TF TC=0+-100	05524	CMF-55-1
R716	0698-8827	4	1	RESISTOR 1M +-1% .125W TF TC=0+-100	05524	CMF-55-1
R717	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R718	0698-7248	1	1	RESISTOR 3.16K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R719	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R720	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R721	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R722	0698-6366	2	1	RESISTOR 800 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R723	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R724	0698-6323	1	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R725	0698-6323	1	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R726	0698-3438	3	1	RESISTOR 147 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R727	0699-0068	1	1	RESISTOR 1.47M +-1% .125W TF TC=0+-100	06118	MK2
R728	0699-0068	1	1	RESISTOR 1.47M +-1% .125W TF TC=0+-100	06118	MK2
R729	0698-3445	2	1	RESISTOR 348 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R730	0698-3447	4	1	RESISTOR 422 +-1% .125W TF TC=0+-100	05524	CMF-55-1

HP Part Number 08560-60061

10.7 MHZ Filter

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R731	0757-0394	0	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R732	0698-3445	2	1	RESISTOR 348 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R800	0698-3154	0	1	RESISTOR 4.22K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R801	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R802	0757-1094	9	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R803	0757-0279	0	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R804	0757-0180	2	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R805	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R806	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R807	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R808	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R809	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R810	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R811	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R812	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R813	0757-0461	2	1	RESISTOR 68.1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R814	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R815	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R816	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R817	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R818	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R819	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R820	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R821	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R822	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R823	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R824	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R825	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R826	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R827	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R828	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R829	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R830	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R831	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R832	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R833	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R834	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R835	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R836	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R837	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R838	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R839	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R840	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R841	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R842	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R843	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R844	0698-7233	4	1	RESISTOR 750 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R845	0698-7257	2	1	RESISTOR 7.5K +-1% .05W TF TC=0+-100	05524	CMF-50-2

*Indicates factory-selected value

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HP Part Number 08560-60061

10.7 MHZ Filter

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R846	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
T200	08562-80073	6	1		28480	08562-80073
T202	08562-80073	6	1		28480	08562-80073
T500	08562-80073	6	1		28480	08562-80073
T502	08562-80073	6	1		28480	08562-80073
T700	08562-80075	8	1		28480	08562-80075
U100	1810-1012	6	1	NETWORK-RES 10-SIP MULTI-VALUE	02483	4310R-A48-000
U200	1810-1013	7	1	NETWORK-RESISTOR MULTIPLE RESISTANCE	02483	750-08-4R
U201	1810-1014	8	1	NETWORK-RES 10-SIP MULTI-VALUE	02483	750-10P-5R
U300	1810-1015	9	1	NETWORK-RESISTOR MULTIPLE RESISTANCE	02483	750-10P-5R
U400	1810-1400	6	1	NETWORK-RESISTOR 6 PIN SIP; R1=348 OHMS	05524	MSP06A
U500	1810-1017	1	1	NETWORK-RESISTOR MULTIPLE RESISTANCE	02483	750-10P-5R
U501	1810-1018	2	1	NETWORK-RESISTOR MULTIPLE RESISTANCE	02483	750 10P-5R
U800	1820-3847	0	1	IC DCDR CMOS/HCT BIN 3-TO-8-LINE	03406	MM74HCT138N
U801	1826-0557	5	1	IC OP AMP GP QUAD 14 PIN DIP-C	03406	LM348J
U802	1826-0753	3	1	IC OP AMP LOW-BIAS-H-IMPD QUAD 14 PIN	02037	MC34004BL
U803	1810-0281	9	1	NETWORK-RES 10-SIP 100.0K OHM X 9	05524	MSP10A01-104G
U804	1826-1222	3	1	IC OP AMP H-SLEW-RATE QUAD 14 PIN DIP-C	02037	MC34074AL
U805	1858-0008	8	1	TRANSISTOR ARRAY 14-PIN PLSTC DIP	02037	SPQ526K
U806	1826-1234	7	1	D/A 8-BIT 20-CERDIP CMOS	03285	AD7226BQ
U807	1826-1234	7	1	D/A 8-BIT 20-CERDIP CMOS	03285	AD7226BQ
U808	1820-4465	0	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	02910	74HCT377N
U809	1826-1234	7	1	D/A 8-BIT 20-CERDIP CMOS	03285	AD7226BQ
U810	1826-1234	7	1	D/A 8-BIT 20-CERDIP CMOS	03285	AD7226BQ
U811	1820-4465	0	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	02910	74HCT377N
U812	1826-1234	7	1	D/A 8-BIT 20-CERDIP CMOS	03285	AD7226BQ
U813	1826-1234	7	1	D/A 8-BIT 20-CERDIP CMOS	03285	AD7226BQ
Y200	0410-1860	3		CRYSTAL-QUARTZ CRYSTAL TEST PROGRAM	03747	
Y201	0410-1860	3		CRYSTAL-QUARTZ CRYSTAL TEST PROGRAM	03747	
Y500	0410-1860	3		CRYSTAL-QUARTZ CRYSTAL TEST PROGRAM	03747	
Y501	0410-1860	3		CRYSTAL-QUARTZ CRYSTAL TEST PROGRAM	03747	

HP Part Number 08562-60120

10.Z MHZ Filter

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C1	0180-3766	3	1	CAP-FXD 220uF +-20% 25 V AL-ELCTLT	04200	501D227M025MN
C2	0180-3766	3	1	CAP-FXD 220uF +-20% 25 V AL-ELCTLT	04200	501D227M025MN
C100	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C101	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C102	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C103	0160-3874	2	1	CAP-FXD 10pF +-5% 200 V CER C0G	09939	RPE121-105C0G100D200V
C104	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C105	0160-4084	8	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPE122-139X7R104M50V
C106	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C107	0160-4040	6	1	CAP-FXD 1000pF +-5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C108	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C109	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C110	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C111	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C112	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C113	0160-4084	8	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPE122-139X7R104M50V
C200	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C201	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C202	0160-4822	2	1	CAP-FXD 1000pF +-5% 100 V CER C0G	09939	RPA20C0G102J100V
C203	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C204	0160-4787	8	1	CAP-FXD 22pF +-5% 100 V CER C0G	09939	RPA10C0G220J100
C205	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C206	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C207	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C208	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C209	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C210	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C211	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C212	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C213	0160-4822	2	1	CAP-FXD 1000pF +-5% 100 V CER C0G	09939	RPA20C0G102J100V
C214	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C215	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C216	0160-5699	3	1	CAP-FXD 20pF +-5% 100 V CER C0G	28480	0160-5699
C217	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C218	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C219	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C220	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C221	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C222	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C223	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C224	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C225	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C226	0160-4380	7	1	CAP-FXD 1pF +-25% 200 V CER C0G	09939	RPE110-120C0G010C200V
C227	0160-4380	7	1	CAP-FXD 1pF +-25% 200 V CER C0G	09939	RPE110-120C0G010C200V
C300	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C301	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C302	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C303	0160-4799	2	1	CAP-FXD 2.2pF +-11.36% 100 V CER C0G	09939	RPA10C0G2R2C100

*Indicates factory-selected value

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HP Part Number 08562-60120 **10.Z MHZ Filter**

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C304	0160-4799	2	1	CAP-FXD 2.2pF +-11.36% 100 V CER C0G	09939	RPA10C0G2R2C100
C305	0160-2206	2	1	CAP-FXD 160pF +-5% 300 V MICA	10784	
C306	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C307	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C308	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C309	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C310	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C311	0160-4799	2	1	CAP-FXD 2.2pF +-11.36% 100 V CER C0G	09939	RPA10C0G2R2C100
C312	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C313	0160-4799	2	1	CAP-FXD 2.2pF +-11.36% 100 V CER C0G	09939	RPA10C0G2R2C100
C314	0160-2206	2	1	CAP-FXD 160pF +-5% 300 V MICA	10784	
C315	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C316	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C317	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C318	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C319	0160-4494	4	1	CAP-FXD 39pF +-5% 200 V CER C0G	09939	RPE121-105C0G390J200V
C320	0160-4040	6	1	CAP-FXD 1000pF +-5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C321	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C322	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C323	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C324	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C325	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C326	0160-5699	3	1	CAP-FXD 20pF +-5% 100 V CER C0G	28480	0160-5699
C327	0160-5699	3	1	CAP-FXD 20pF +-5% 100 V CER C0G	28480	0160-5699
C400	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C401	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C402	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C403	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C404	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C405	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C406	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C407	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C408	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C409	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C410	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C411	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C412	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C413	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C500	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C501	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C502	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C503	0160-4822	2	1	CAP-FXD 1000pF +-5% 100 V CER C0G	09939	RPA20C0G102J100V
C504	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C505	0160-4787	8	1	CAP-FXD 22pF +-5% 100 V CER C0G	09939	RPA10C0G220J100
C506	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C507	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C508	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C509	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C510	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C511	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C512	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C513	0160-4822	2	1	CAP-FXD 1000pF +-5% 100 V CER C0G	09939	RPA20C0G102J100V
C514	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C515	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C516	0160-4787	8	1	CAP-FXD 22pF +-5% 100 V CER C0G	09939	RPA10C0G220J100
C517	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C518	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C519	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C520	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C521	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C522	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C523	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C524	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C525	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C526	0160-4380	7	1	CAP-FXD 1pF +-25% 200 V CER C0G	09939	RPE110-120C0G010C200V
C527	0160-4380	7	1	CAP-FXD 1pF +-25% 200 V CER C0G	09939	RPE110-120C0G010C200V
C600	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C601	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C602	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C603	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C604	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C605	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C606	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C607	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C608	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C609	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C610	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C611	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C612	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C613	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C614	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C615	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C616	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C617	0160-5422	0	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	09939	RPA20X7R473M50V
C618	0160-5422	0	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	09939	RPA20X7R473M50V
C619	0160-5422	0	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	09939	RPA20X7R473M50V
C700	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C701	0160-4798	1	1	CAP-FXD 2.7pF +-9.26% 100 V CER C0G	09939	RPA10C0G2R7C100
C702	0160-4799	2	1	CAP-FXD 2.2pF +-11.36% 100 V CER C0G	09939	RPA10C0G2R2C100
C703	0160-2206	2	1	CAP-FXD 160pF +-5% 300 V MICA	10784	
C704	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C705	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C706	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C707	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C708	0160-4799	2	1	CAP-FXD 2.2pF +-11.36% 100 V CER C0G	09939	RPA10C0G2R2C100

*Indicates factory-selected value

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C709	0160-4799	2	1	CAP-FXD 2.2pF +-11.36% 100 V CER COG	09939	RPA10COG2R2C100
C710	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C711	0160-2206	2	1	CAP-FXD 160pF +-5% 300 V MICA	10784	
C712	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C713	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C714	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C715	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C716	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C717	0160-5699	3	1	CAP-FXD 20pF +-5% 100 V CER COG	28480	0160-5699
C718	0160-5699	3	1	CAP-FXD 20pF +-5% 100 V CER COG	28480	0160-5699
C719	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C720	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C721	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C800	0180-4135	2	1	CAP-FXD 33uF +-10% 10 V TA	04200	173D336X9010X
C801	0180-2731	0	1	CAP-FXD 2.2uF +-10% 20 V TA	28480	0180-2731
C802	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C803	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C804	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C805	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C806	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C807	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C808	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C809	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C810	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C811	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C812	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C813	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C814	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C815	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C816	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C817	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C818	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C819	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C820	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C821	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
C822	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
CR100	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR101	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR102	1901-1070	9	1	DIODE-PIN 110V	02062	
CR103	1901-1070	9	1	DIODE-PIN 110V	02062	
CR104	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR105	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR200	1901-0376	6	1	DIODE-GEN PRP 35V 50MA DO-35	00046	S303
CR201	0122-0245	5	1	DIODE-VVC 1N5139 6.8PF 10% C	02037	1N5139
CR202	0122-0263	7	1	DIODE-VVC 1N5148 47PF 10% C	02037	1N5148
CR203	0122-0263	7	1	DIODE-VVC 1N5148 47PF 10% C	02037	1N5148
CR204	1901-0376	6	1	DIODE-GEN PRP 35V 50MA DO-35	00046	S303

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
CR205	1901-1070	9	1	DIODE-PIN 110V	02062	
CR206	1901-1070	9	1	DIODE-PIN 110V	02062	
CR207	1901-0376	6	1	DIODE-GEN PRP 35V 50MA DO-35	00046	S303
CR208	0122-0245	5	1	DIODE-VVC 1N5139 6.8PF 10% C	02037	1N5139
CR209	0122-0263	7	1	DIODE-VVC 1N5148 47PF 10% C	02037	1N5148
CR210	0122-0263	7	1	DIODE-VVC 1N5148 47PF 10% C	02037	1N5148
CR211	1901-0376	6	1	DIODE-GEN PRP 35V 50MA DO-35	00046	S303
CR212	1901-1070	9	1	DIODE-PIN 110V	02062	
CR213	1901-1070	9	1	DIODE-PIN 110V	02062	
CR300	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR301	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR302	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR303	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR304	0122-0263	7	1	DIODE-VVC 1N5148 47PF 10% C	02037	1N5148
CR305	0122-0263	7	1	DIODE-VVC 1N5148 47PF 10% C	02037	1N5148
CR306	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR307	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR308	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR309	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR310	0122-0263	7	1	DIODE-VVC 1N5148 47PF 10% C	02037	1N5148
CR311	0122-0263	7	1	DIODE-VVC 1N5148 47PF 10% C	02037	1N5148
CR312	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR313	1901-0376	6	1	DIODE-GEN PRP 35V 50MA DO-35	00046	S303
CR314	1901-0376	6	1	DIODE-GEN PRP 35V 50MA DO-35	00046	S303
CR315	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR316	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR317	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR400	1901-1070	9	1	DIODE-PIN 110V	02062	
CR401	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR402	1901-1070	9	1	DIODE-PIN 110V	02062	
CR403	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR404	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR405	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR406	1901-0518	8	1	DIODE-SCHOTTKY SM SIG	02062	5082-5509
CR407	1901-0518	8	1	DIODE-SCHOTTKY SM SIG	02062	5082-5509
CR408	1901-0518	8	1	DIODE-SCHOTTKY SM SIG	02062	5082-5509
CR409	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR410	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR411	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR500	1901-0376	6	1	DIODE-GEN PRP 35V 50MA DO-35	00046	S303
CR501	0122-0245	5	1	DIODE-VVC 1N5139 6.8PF 10% C	02037	1N5139
CR502	0122-0263	7	1	DIODE-VVC 1N5148 47PF 10% C	02037	1N5148
CR503	0122-0263	7	1	DIODE-VVC 1N5148 47PF 10% C	02037	1N5148
CR504	1901-0376	6	1	DIODE-GEN PRP 35V 50MA DO-35	00046	S303
CR505	1901-1070	9	1	DIODE-PIN 110V	02062	
CR506	1901-1070	9	1	DIODE-PIN 110V	02062	
CR507	1901-0376	6	1	DIODE-GEN PRP 35V 50MA DO-35	00046	S303
CR508	0122-0245	5	1	DIODE-VVC 1N5139 6.8PF 10% C	02037	1N5139

*Indicates factory-selected value

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10.Z MHZ Filter

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
CR509	0122-0263	7	1	DIODE-VVC 1N5148 47PF 10% C	02037	1N5148
CR510	0122-0263	7	1	DIODE-VVC 1N5148 47PF 10% C	02037	1N5148
CR511	1901-0376	6	1	DIODE-GEN PRP 35V 50MA DO-35	00046	S303
CR512	1901-1070	9	1	DIODE-PIN 110V	02062	
CR513	1901-1070	9	1	DIODE-PIN 110V	02062	
CR600	1901-0376	6	1	DIODE-GEN PRP 35V 50MA DO-35	00046	S303
CR602	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR604	1901-0376	6	1	DIODE-GEN PRP 35V 50MA DO-35	00046	S303
CR605	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR606	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR700	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR701	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR702	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR703	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR704	0122-0300	3	1	DIODE-VVC 100PF 5% C 2/C20-MIN=2	02037	SMV389-30
CR705	0122-0300	3	1	DIODE-VVC 100PF 5% C 2/C20-MIN=2	02037	SMV389-30
CR706	0122-0300	3	1	DIODE-VVC 100PF 5% C 2/C20-MIN=2	02037	SMV389-30
CR707	0122-0300	3	1	DIODE-VVC 100PF 5% C 2/C20-MIN=2	02037	SMV389-30
CR708	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR709	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR710	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR711	1901-0747	5	1	DIODE-PIN	02062	5082-5232
CR712	0122-0300	3	1	DIODE-VVC 100PF 5% C 2/C20-MIN=2	02037	SMV389-30
CR713	0122-0300	3	1	DIODE-VVC 100PF 5% C 2/C20-MIN=2	02037	SMV389-30
CR714	0122-0300	3	1	DIODE-VVC 100PF 5% C 2/C20-MIN=2	02037	SMV389-30
CR715	0122-0300	3	1	DIODE-VVC 100PF 5% C 2/C20-MIN=2	02037	SMV389-30
CR716	1901-1117	5	1	DIODE-SWITCHING 30V	00746	1SS135
CR717	1901-0376	6	1	DIODE-GEN PRP 35V 50MA DO-35	00046	S303
CR718	1901-0376	6	1	DIODE-GEN PRP 35V 50MA DO-35	00046	S303
CR800	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR801	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
E300	9170-0847	3	1	CORE-SHIELDING BEAD	28480	9170-0847
E600	9170-0847	3	1	CORE-SHIELDING BEAD	28480	9170-0847
E601	9170-0847	3	1	CORE-SHIELDING BEAD	28480	9170-0847
E701	9170-0847	3	1	CORE-SHIELDING BEAD	28480	9170-0847
J1	1252-1064	4	1	CONN-POST TYPE .100-PIN-SPCG 50-CONT	01380	1-746878-0
J2	1252-1064	4	1	CONN-POST TYPE .100-PIN-SPCG 50-CONT	01380	1-746878-0
J3	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W/O-STDF 50-OHM	05769	51-053-0349-BE8
J4	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W/O-STDF 50-OHM	05769	51-053-0349-BE8
J5	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W/O-STDF 50-OHM	05769	51-053-0349-BE8
J6	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J7	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J8	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J9	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
L1	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
L2	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
L100	9100-1625	0	1	INDUCTOR RF-CH-MLD 33UH +-5%	05826	1537-52

HP Part Number 08562-60120

10.Z MHZ Filter

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
L101	9100-3912	2	1	INDUCTOR RF-CH-MLD 15UH +-5%	03706	21501M-5%
L102	9140-0144	0	1	INDUCTOR RF-CH-MLD 4.7UH +-10%	05826	1025-36
L204	9100-3912	2	1	INDUCTOR RF-CH-MLD 15UH +-5%	03706	21501M-5%
L300	08562-80072	5	1		28480	08562-80072
L301	08562-80072	5	1		28480	08562-80072
L400	9140-0398	6	1	INDUCTOR RF-CH-MLD 12UH +-5%	03706	21201M-5%
L401	9100-0539	3	1	INDUCTOR RF-CH-MLD 10UH +-5%	03706	21001M-5%
L600	9100-3912	2	1	INDUCTOR RF-CH-MLD 15UH +-5%	03706	21501M-5%
L601	9100-1625	0	1	INDUCTOR RF-CH-MLD 33UH +-5%	05826	1537-52
L602	9100-1625	0	1	INDUCTOR RF-CH-MLD 33UH +-5%	05826	1537-52
L603	9140-0454	5	1	INDUCTOR RF-CH-MLD 18UH +-5%	03706	21801M-5%
L604	9100-1625	0	1	INDUCTOR RF-CH-MLD 33UH +-5%	05826	1537-52
L700	08562-80072	5	1		28480	08562-80072
L701	9100-1625	0	1	INDUCTOR RF-CH-MLD 33UH +-5%	05826	1537-52
L702	08562-80072	5	1		28480	08562-80072
L703	9100-0539	3	1	INDUCTOR RF-CH-MLD 10UH +-5%	03706	21001M-5%
L800	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +-5%	05826	1537-76
MP1	08560-20011	4	1		28480	08560-20011
MP2	5021-6729	3	1		28480	5021-6729
MP3	5021-6730	6	1		28480	5021-6730
MP4	5021-6731	7	1		28480	5021-6731
MP5	5021-6732	8	1		28480	5021-6732
MP6	0380-2055	5	2	SPACER-RVT-ON 9.5-MM-LG 3.8-MM-ID	02121	
MP7	1400-0866	7	1	CLAMP-CABLE .187-DIA .25-WD NYL	07158	C61332AA
MP8	1205-0485	2	1	HEAT SINK SGL TO-5/TO-39-CS	07179	3201B
MP9	8150-5022	3		WIRE 26AWG G KYNAR (PVF) 1X26	03500	KYNAR 26-1/26-5
NONE0818	0340-0780	5	1	INSULATOR SLBL-LAC-CMPD	03724	TO-21-13E
NONE0819	0340-1132	3	1	SPACER-SOLUBLE WATER SOLUBLE; 0.062 IN	03724	TO-8-12
NONE0820	7121-4611	2	1	LABEL-INFORMATION .15-IN-WD .6-IN-LG	09002	
NONE0821	8151-0014	5	1	WIRE 24AWG 1X24	05623	
NONE0822	9320-6209	2	1	LBL-LNE-PTR; .65-IN-WD X .2-IN-LG	12532	
Q100	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q101	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q102	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q200	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q201	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q202	1855-0276	6	1	TRANSISTOR J-FET 2N4416A N-CHAN D-MODE	02037	2N4416A
Q203	1855-0276	6	1	TRANSISTOR J-FET 2N4416A N-CHAN D-MODE	02037	2N4416A
Q300	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q301	1855-0276	6	1	TRANSISTOR J-FET 2N4416A N-CHAN D-MODE	02037	2N4416A
Q302	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q303	1855-0276	6	1	TRANSISTOR J-FET 2N4416A N-CHAN D-MODE	02037	2N4416A
Q304	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q305	1853-0007	7	1	TRANSISTOR PNP 2N3251 SI TO-18 PD=360MW	02037	2N3251
Q306	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q400	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q401	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q402	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109

*Indicates factory-selected value

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
Q403	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q404	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q500	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q501	1855-0276	6	1	TRANSISTOR J-FET 2N4416A N-CHAN D-MODE	02037	2N4416A
Q502	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q503	1855-0276	6	1	TRANSISTOR J-FET 2N4416A N-CHAN D-MODE	02037	2N4416A
Q504	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q600	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q601	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q602	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q603	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q700	1855-0276	6	1	TRANSISTOR J-FET 2N4416A N-CHAN D-MODE	02037	2N4416A
Q701	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q702	1855-0276	6	1	TRANSISTOR J-FET 2N4416A N-CHAN D-MODE	02037	2N4416A
Q703	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q704	1853-0314	9	1	TRANSISTOR PNP 2N2905A SI TO-39 PD=400MW	02037	2N2905A
Q800	1854-0477	7	1	TRANSISTOR NPN 2N2222A SI TO-18 PD=500MW	02037	2N2222A
Q801	1854-0637	1	1	TRANSISTOR NPN 2N2219A SI TO-5 PD=800MW	02037	2N2219A
Q802	1854-0637	1	1	TRANSISTOR NPN 2N2219A SI TO-5 PD=800MW	02037	2N2219A
R100	0698-3442	9	1	RESISTOR 237 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R101	0757-0276	7	1	RESISTOR 61.9 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R102	0757-0276	7	1	RESISTOR 61.9 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R103	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R105	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R106	0698-3150	6	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R107	0698-3153	9	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R108	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R109	0698-4190	6	1	RESISTOR 50 +-0.25% .125W TF TC=0+-100	05524	CMF-55-1, T-1
R110	0698-3441	8	1	RESISTOR 215 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R112	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R113	0757-0428	1	1	RESISTOR 1.62K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R114	0698-0085	0	1	RESISTOR 2.61K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R117	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R119	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R120	0757-0419	0	1	RESISTOR 681 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R121	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R122	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R123	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R124	0698-7241	4	1	RESISTOR 1.62K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R125	0698-7193	5	1	RESISTOR 16.2 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R201	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R203	0698-8827	4	1	RESISTOR 1M +-1% .125W TF TC=0+-100	05524	CMF-55-1
R205	0757-0418	9	1	RESISTOR 619 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R206	0698-8823	0	1	RESISTOR 8.25 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R208	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R209	0757-0279	0	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R210	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R211	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R212	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R213	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R214	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R215	0757-0405	4	1	RESISTOR 162 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R216	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R217	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R218	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R219	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R220	0698-8827	4	1	RESISTOR 1M +-1% .125W TF TC=0+-100	05524	CMF-55-1
R222	0698-8823	0	1	RESISTOR 8.25 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R224	0757-0278	9	1	RESISTOR 1.78K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R225	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R226	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R227	0757-0279	0	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R228	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R229	0757-0276	7	1	RESISTOR 61.9 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R230	0757-0276	7	1	RESISTOR 61.9 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R231	0698-3154	0	1	RESISTOR 4.22K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R232	0698-8823	0	1	RESISTOR 8.25 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R234	0757-0274	5	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R235	0757-0274	5	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R300	0757-0416	7	1	RESISTOR 511 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R301	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R302	0757-0274	5	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R303	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R304	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R305	0698-8821	8	1	RESISTOR 5.62 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R306	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R308	0698-8827	4	1	RESISTOR 1M +-1% .125W TF TC=0+-100	05524	CMF-55-1
R310	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R311	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R312	0757-0279	0	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R313	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R314	0698-0082	7	1	RESISTOR 464 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R315	0698-0082	7	1	RESISTOR 464 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R316	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R317	0698-8821	8	1	RESISTOR 5.62 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R318	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R320	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R321	0698-8827	4	1	RESISTOR 1M +-1% .125W TF TC=0+-100	05524	CMF-55-1
R323	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R324	0757-0279	0	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R325	0698-3445	2	1	RESISTOR 348 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R326	0698-3444	1	1	RESISTOR 316 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R327	0698-3444	1	1	RESISTOR 316 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R328	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R329	0698-3445	2	1	RESISTOR 348 +-1% .125W TF TC=0+-100	05524	CMF-55-1

**Indicates factory-selected value*

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HP Part Number 08562-60120 **10.Z MHZ Filter**

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R330	0698-8823	0	1	RESISTOR 8.25 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R331	0698-6355	9	1	RESISTOR 400 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R332	0698-6377	5	1	RESISTOR 200 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R334	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R335	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R336	0698-6323	1	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R337	0757-0289	2	1	RESISTOR 13.3K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R338	0757-0441	8	1	RESISTOR 8.25K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R339	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R340	0757-0419	0	1	RESISTOR 681 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R341	0699-0068	1	1	RESISTOR 1.47M +-1% .125W TF TC=0+-100	06118	MK2
R342	0699-0068	1	1	RESISTOR 1.47M +-1% .125W TF TC=0+-100	06118	MK2
R343	2100-4144	7	1	RESISTOR-TRMR 200 10% TKF TOP-ADJ 17-TRN	03744	3299Y-DM3-201
R400	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R401	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R402	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R403	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R404	0757-0424	7	1	RESISTOR 1.1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R405	0757-0276	7	1	RESISTOR 61.9 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R406	0698-3441	8	1	RESISTOR 215 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R407	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R409	0698-3151	7	1	RESISTOR 2.87K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R410	0698-3151	7	1	RESISTOR 2.87K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R411	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R412	0698-3443	0	1	RESISTOR 287 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R413	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R414	0757-0316	6	1	RESISTOR 42.2 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R415	0757-0403	2	1	RESISTOR 121 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R416	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R417	0757-1094	9	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R419	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R420	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R421	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R422	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R423	0698-3444	1	1	RESISTOR 316 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R424	0698-3445	2	1	RESISTOR 348 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R425	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R426	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R427	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R428	0757-0288	1	1	RESISTOR 9.09K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R430	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R500	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R501	0757-0290	5	1	RESISTOR 6.19K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R502	0698-3153	9	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R503	0698-3444	1	1	RESISTOR 316 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R504	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R505	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1

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10.Z MHZ Filter

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R507	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R508	0698-8827	4	1	RESISTOR 1M +-1% .125W TF TC=0+-100	05524	CMF-55-1
R511	0698-8823	0	1	RESISTOR 8.25 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R513	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R514	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R515	0757-0279	0	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R516	0757-0290	5	1	RESISTOR 6.19K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R517	0698-3153	9	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R518	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R519	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R520	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R521	0698-3444	1	1	RESISTOR 316 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R522	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R524	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R525	0698-8827	4	1	RESISTOR 1M +-1% .125W TF TC=0+-100	05524	CMF-55-1
R527	0698-8823	0	1	RESISTOR 8.25 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R530	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R531	0757-0279	0	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R532	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R533	0698-3154	0	1	RESISTOR 4.22K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R534	0698-3156	2	1	RESISTOR 14.7K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R535	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R536	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R537	0757-0421	4	1	RESISTOR 825 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R538	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R539	0757-0274	5	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R541	0757-0274	5	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R600	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R601	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R602	0698-4190	6	1	RESISTOR 50 +-0.25% .125W TF TC=0+-100	05524	CMF-55-1, T-1
R603	0698-6320	8	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R606	0698-3438	3	1	RESISTOR 147 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R607	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R608	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R609	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R610	0698-3444	1	1	RESISTOR 316 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R611	0757-1094	9	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R612	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R613	0698-3438	3	1	RESISTOR 147 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R614	0698-3439	4	1	RESISTOR 178 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R615	0698-3439	4	1	RESISTOR 178 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R616	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R617	0698-3441	8	1	RESISTOR 215 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R618	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R619	0757-1094	9	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R620	0757-0279	0	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R621	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R622	0757-0439	4	1	RESISTOR 6.81K +-1% .125W TF TC=0+-100	05524	CMF-55-1

**Indicates factory-selected value*

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HP Part Number 08562-60120

10.Z MHZ Filter

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R623	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R624	0757-0276	7	1	RESISTOR 61.9 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R625	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R626	0757-1094	9	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R627	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R628	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R629	0698-0082	7	1	RESISTOR 464 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R630	0698-0082	7	1	RESISTOR 464 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R631	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R632	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R633	0698-3438	3	1	RESISTOR 147 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R634	0698-7241	4	1	RESISTOR 1.62K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R635	0698-6364	0	1	RESISTOR 50 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R636	0698-6364	0	1	RESISTOR 50 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R700	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R701	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R702	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R703	0698-8827	4	1	RESISTOR 1M +-1% .125W TF TC=0+-100	05524	CMF-55-1
R704	0698-8827	4	1	RESISTOR 1M +-1% .125W TF TC=0+-100	05524	CMF-55-1
R705	0698-8827	4	1	RESISTOR 1M +-1% .125W TF TC=0+-100	05524	CMF-55-1
R706	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R707	0757-0279	0	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R708	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R709	0698-0082	7	1	RESISTOR 464 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R710	0698-0082	7	1	RESISTOR 464 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R711	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R712	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R713	0698-8827	4	1	RESISTOR 1M +-1% .125W TF TC=0+-100	05524	CMF-55-1
R714	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R715	0698-8827	4	1	RESISTOR 1M +-1% .125W TF TC=0+-100	05524	CMF-55-1
R716	0698-8827	4	1	RESISTOR 1M +-1% .125W TF TC=0+-100	05524	CMF-55-1
R717	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R718	0698-7248	1	1	RESISTOR 3.16K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R719	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R720	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R721	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R722	0698-6366	2	1	RESISTOR 800 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R723	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R724	0698-6323	1	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R725	0698-6323	1	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R726	0698-3438	3	1	RESISTOR 147 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R727	0699-0068	1	1	RESISTOR 1.47M +-1% .125W TF TC=0+-100	06118	MK2
R728	0699-0068	1	1	RESISTOR 1.47M +-1% .125W TF TC=0+-100	06118	MK2
R729	0698-3445	2	1	RESISTOR 348 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R730	0698-3447	4	1	RESISTOR 422 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R731	0757-0394	0	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R732	0698-3445	2	1	RESISTOR 348 +-1% .125W TF TC=0+-100	05524	CMF-55-1

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10.Z MHZ Filter

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R800	0698-3154	0	1	RESISTOR 4.22K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R801	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R802	0757-1094	9	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R803	0757-0279	0	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R804	0757-0180	2	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R805	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R806	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R807	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R808	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R809	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R810	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R811	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R812	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R813	0757-0461	2	1	RESISTOR 68.1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R814	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R815	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R816	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R817	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R818	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R819	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R820	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R821	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R822	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R823	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R824	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R825	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R826	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R827	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R828	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R829	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R830	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R831	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R832	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R833	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R834	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R835	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R836	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R837	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R838	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R839	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R840	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R841	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R842	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R843	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R844	0698-7233	4	1	RESISTOR 750 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R845	0698-7257	2	1	RESISTOR 7.5K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R846	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
T200	08562-80073	6	1		28480	08562-80073

**Indicates factory-selected value*

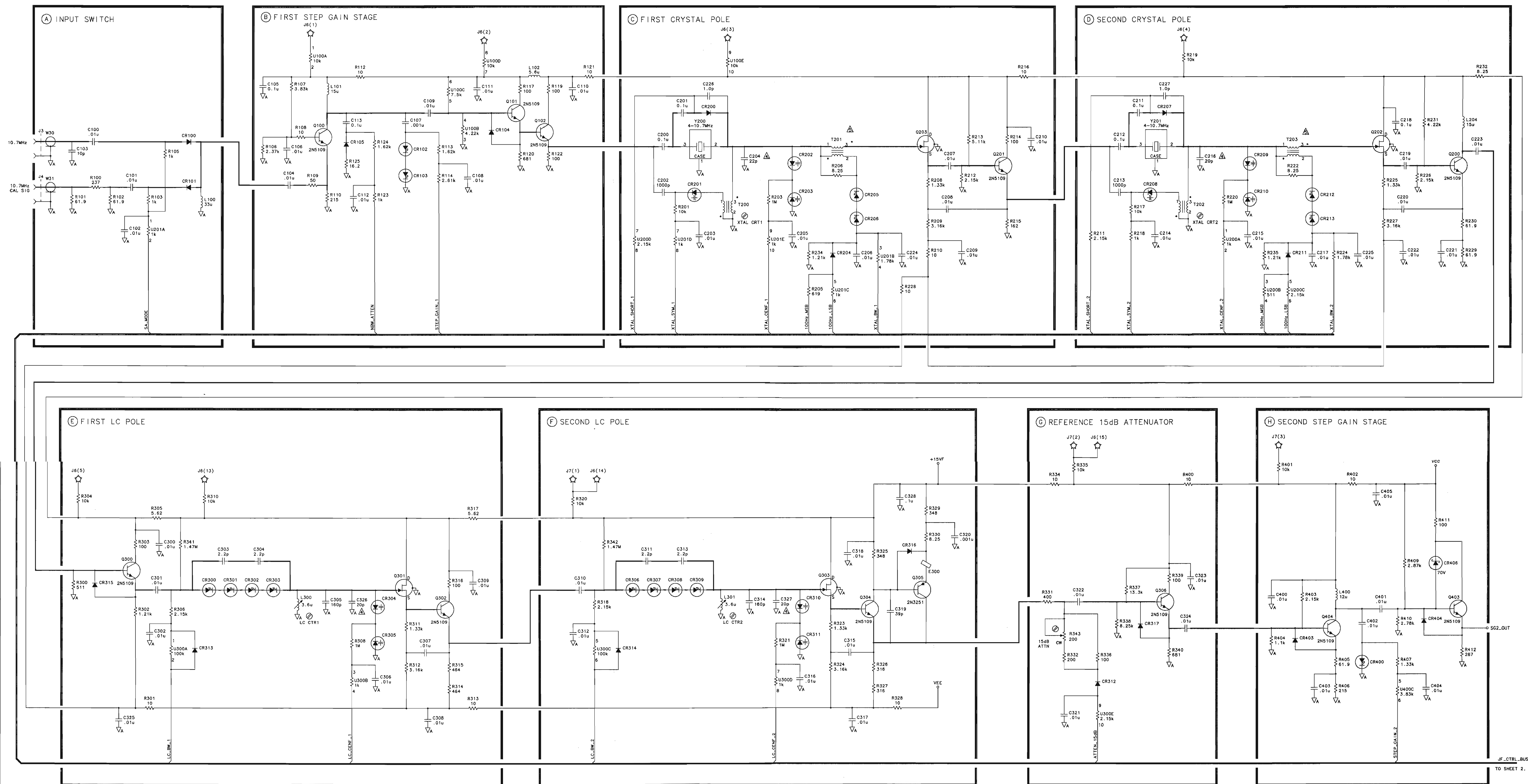
08562-60120 Parts List

Page 13 of 14

HP Part Number 08562-60120**10.Z MHZ Filter**

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
T201	08562-80074	7	1		28480	08562-80074
T202	08562-80073	6	1		28480	08562-80073
T203	08562-80074	7	1		28480	08562-80074
T500	08562-80073	6	1		28480	08562-80073
T501	08562-80074	7	1		28480	08562-80074
T502	08562-80073	6	1		28480	08562-80073
T503	08562-80074	7	1		28480	08562-80074
T700	08562-80075	8	1		28480	08562-80075
U100	1810-1012	6	1	NETWORK-RES 10-SIP MULTI-VALUE	02483	4310R-A48-000
U200	1810-1013	7	1	NETWORK-RESISTOR MULTIPLE RESISTANCE	02483	750-08-4R
U201	1810-1014	8	1	NETWORK-RES 10-SIP MULTI-VALUE	02483	750-10P-5R
U300	1810-1015	9	1	NETWORK-RESISTOR MULTIPLE RESISTANCE	02483	750-10P-5R
U400	1810-1400	6	1	NETWORK-RESISTOR 6 PIN SIP; R1=348 OHMS	05524	MSP06A
U500	1810-1017	1	1	NETWORK-RESISTOR MULTIPLE RESISTANCE	02483	750-10P-5R
U501	1810-1018	2	1	NETWORK-RESISTOR MULTIPLE RESISTANCE	02483	750 10P-5R
U800	1820-3847	0	1	IC DCDR CMOS/HCT BIN 3-TO-8-LINE	03406	MM74HCT138N
U801	1826-0557	5	1	IC OP AMP GP QUAD 14 PIN DIP-C	03406	LM348J
U802	1826-0753	3	1	IC OP AMP LOW-BIAS-H-IMPD QUAD 14 PIN	02037	MC34004BL
U803	1810-0281	9	1	NETWORK-RES 10-SIP 100.0K OHM X 9	05524	MSP10A01-104G
U804	1826-1222	3	1	IC OP AMP H-SLEW-RATE QUAD 14 PIN DIP-C	02037	MC34074AL
U805	1858-0008	8	1	TRANSISTOR ARRAY 14-PIN PLSTC DIP	02037	SPQ526K
U806	1826-1234	7	1	D/A 8-BIT 20-CERDIP CMOS	03285	AD7226BQ
U807	1826-1234	7	1	D/A 8-BIT 20-CERDIP CMOS	03285	AD7226BQ
U808	1820-4465	0	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	02910	74HCT377N
U809	1826-1234	7	1	D/A 8-BIT 20-CERDIP CMOS	03285	AD7226BQ
U810	1826-1234	7	1	D/A 8-BIT 20-CERDIP CMOS	03285	AD7226BQ
U811	1820-4465	0	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	02910	74HCT377N
U812	1826-1234	7	1	D/A 8-BIT 20-CERDIP CMOS	03285	AD7226BQ
U813	1826-1234	7	1	D/A 8-BIT 20-CERDIP CMOS	03285	AD7226BQ
Y200	0410-1860	3		CRYSTAL-QUARTZ CRYSTAL TEST PROGRAM	03747	
Y201	0410-1860	3		CRYSTAL-QUARTZ CRYSTAL TEST PROGRAM	03747	
Y500	0410-1860	3		CRYSTAL-QUARTZ CRYSTAL TEST PROGRAM	03747	
Y501	0410-1860	3		CRYSTAL-QUARTZ CRYSTAL TEST PROGRAM	03747	

SYM	REVISIONS	APPROVED	DATE
A	AS ISSUED PER PCO. 53-07372		03-03-92



NOTES:

1. REFERENCE DESIGNATORS WITHIN THIS ASSEMBLY ARE ABBREVIATED. PREFIX ABBREVIATION WITH ASSEMBLY NUMBER FOR COMPLETE REFERENCE DESIGNATOR.

2. UNLESS OTHERWISE INDICATED: RESISTANCE IN OHMS (Ω) CAPACITANCE IN MICROFARADS (μ F) INDUCTANCE IN MICROHENRIES (μ H)

3. MNEMONIC TABLE

MNEMONIC	DESCRIPTION
----------	-------------

△ FACTORY SELECT PART. NOMINAL VALUE SHOWN.

△ ON 08560-60061 Y201, T203 T501 & T503 ARE NOT IN CIRCUIT PINS 1, 2 & 3 ARE JUMPED TOGETHER INSTEAD

△ ON 08560-60061, R606 VALUE IS 237 OHMS ON 08562-60120, R606 VALUE IS 147 OHMS.

THIS DRAWING ALSO USED FOR THE FOLLOWING ASSEMBLIES:

08562-60120	08562-60120	AS SHOWN
08560-60061	08560-60061	NOTE 5 & 6

PART NO.	MATERIAL LIST	REMARKS
TABLE 1		

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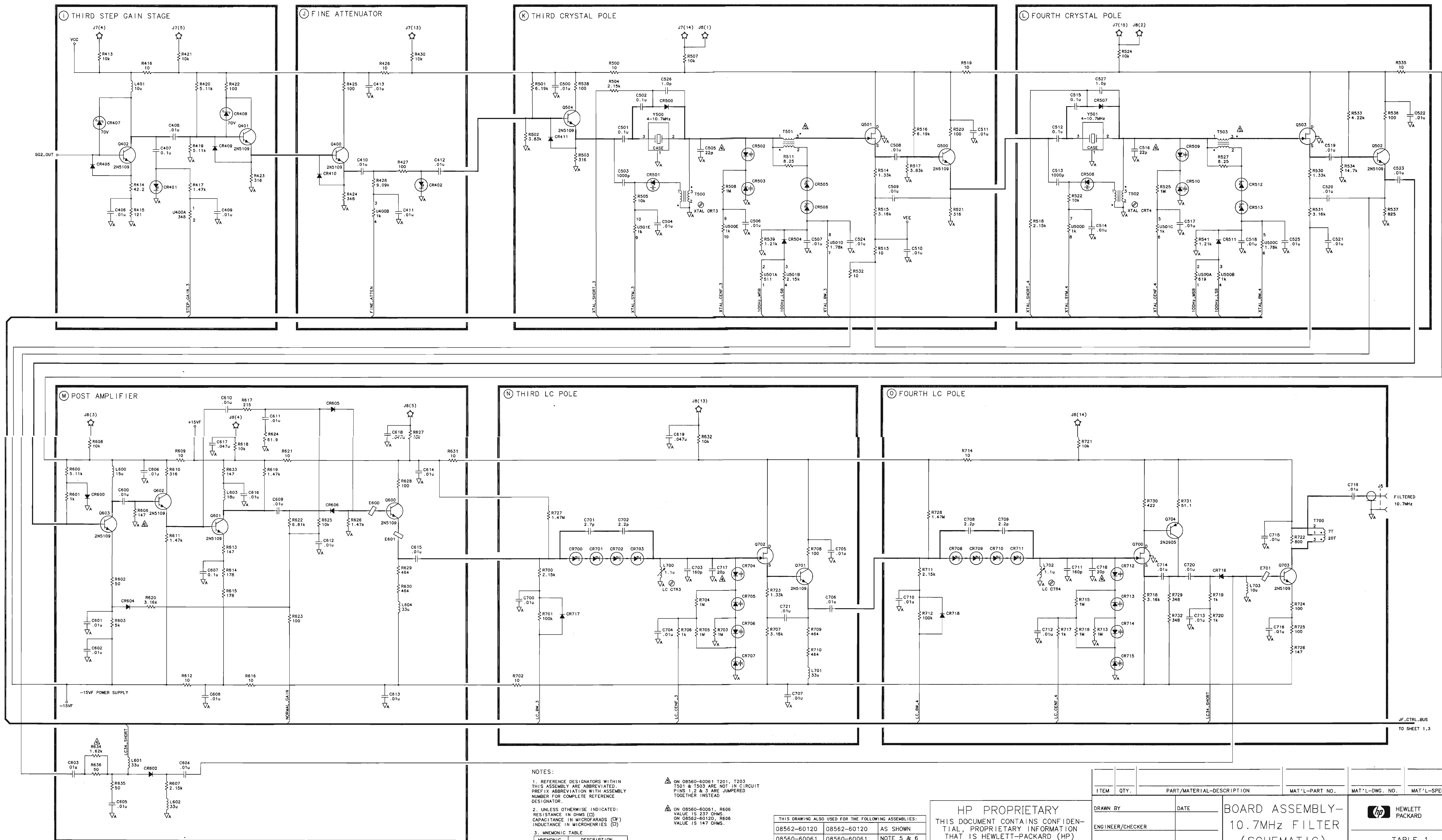
ITEM	QTY.	PART/MATERIAL-DESCRIPTION	MAT'L-PART NO.	MAT'L-DWG. NO.	MAT'L-SPEC.
DRAWN BY		DATE		BOARD ASSEMBLY-10.7MHz FILTER (SCHEMATIC)	
ENGINEER/CHECKER				TABLE 1	
RELEASE TO PROD.				PART NUMBER	
SUPERSEDES DWG.		FILENAME=5061a		D-08560-60061-1	
		SCALE NONE		SHEET 1 OF 3	

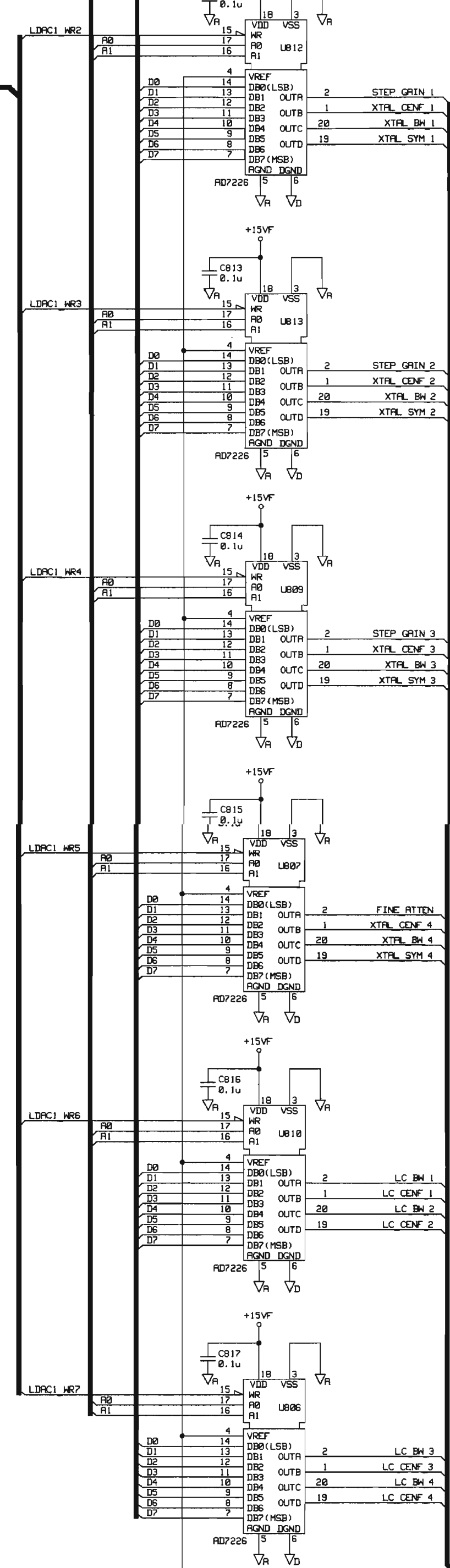
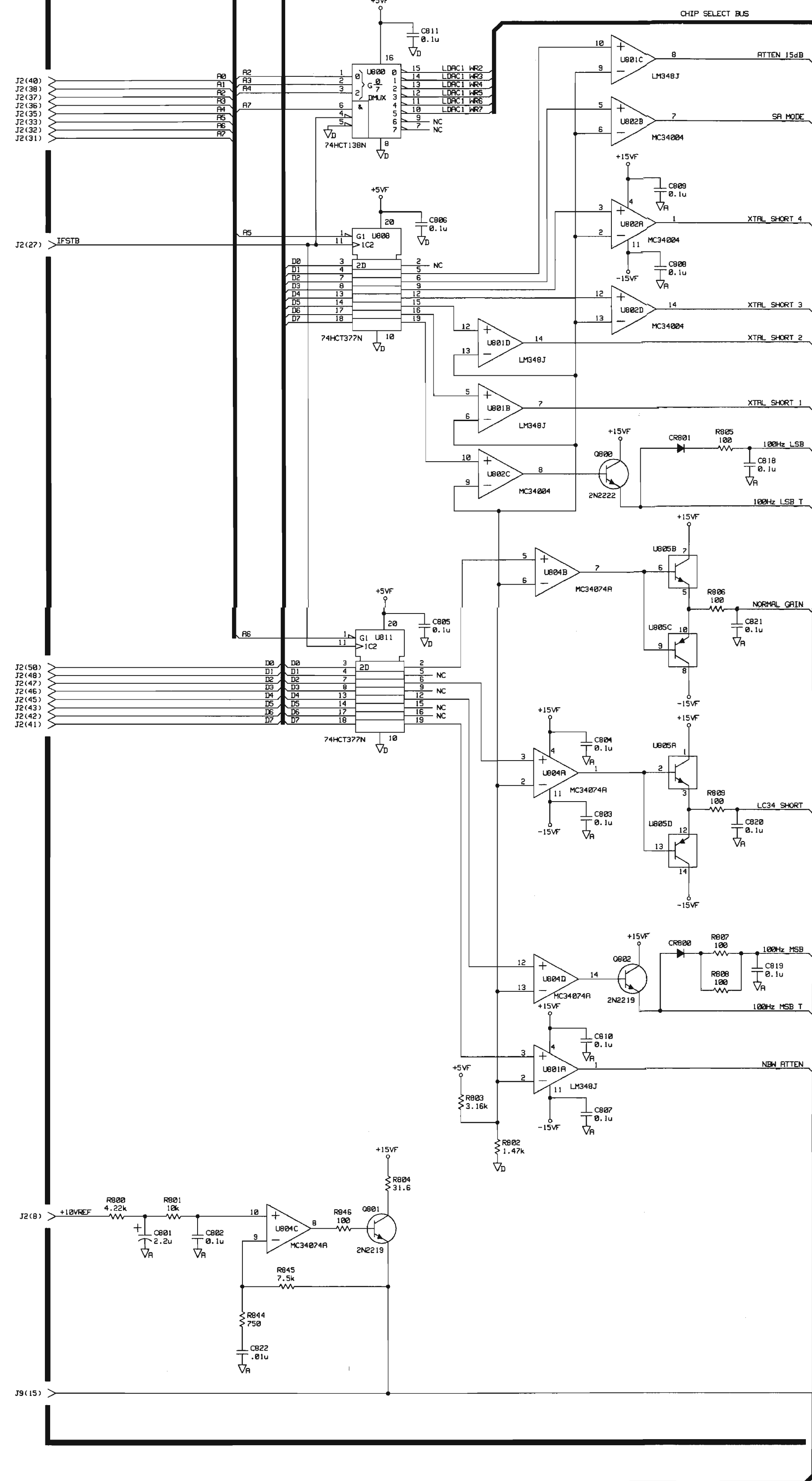
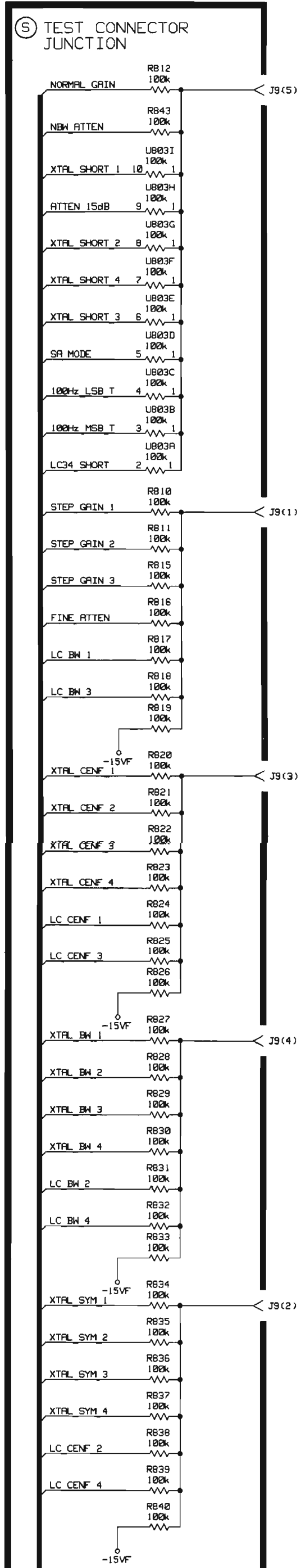
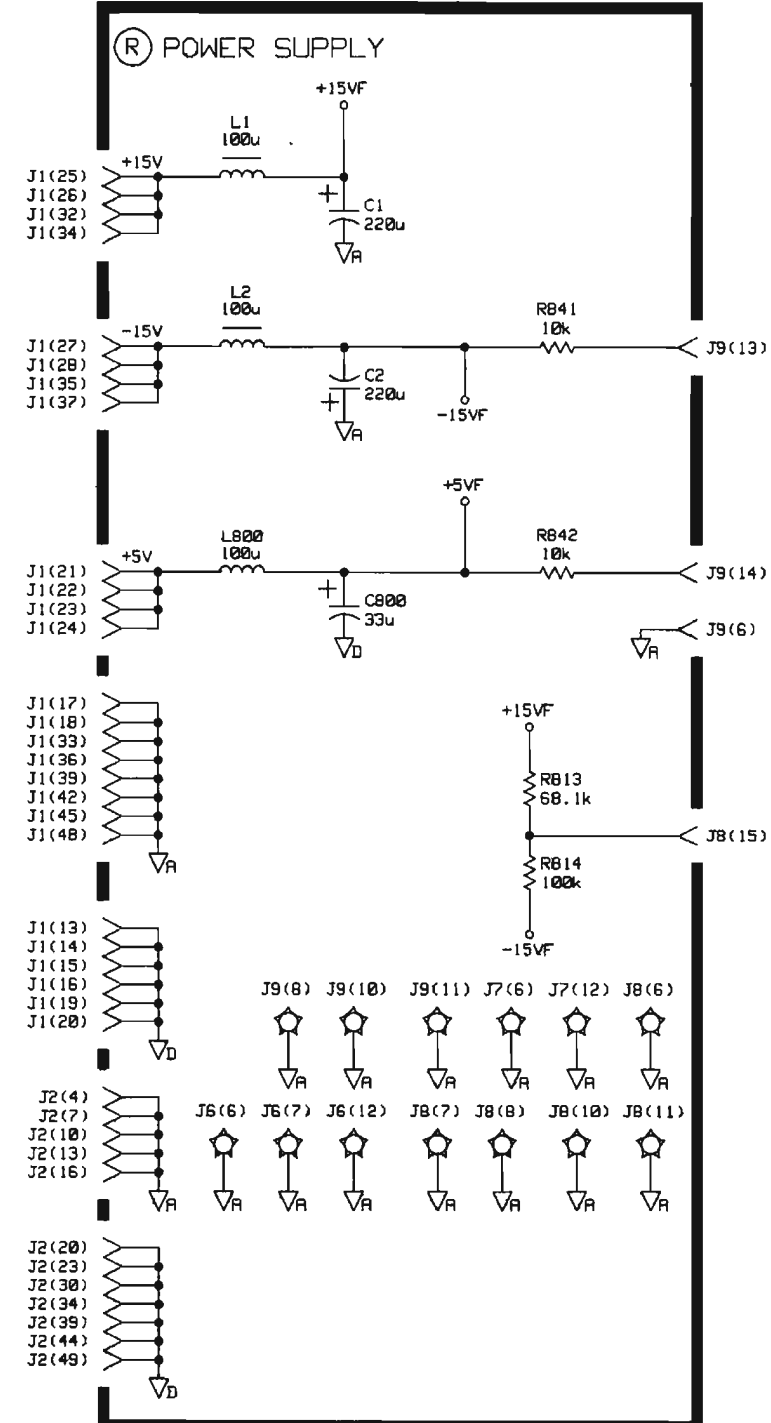


TABLE 1

JF_CTRL_BUS
TO SHEET 2, 3

SYM	REVISIONS	APPROVED	DATE
A	AS ISSUED PER PCO 53-07372		03-03-92





J1				J2			
PIN	SIGNAL	TO/FROM	FUNCTION BLOCK	PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
2	+5V(NC)			1	R/TDRX(NC)		
3	+5V(NC)			2	R/TDRX(NC)		
4	+15V(NC)			3	NC		
5	+5V(NC)			4	RND		R
5	LINE TRIG(NC)			5	VIB TRIG(NC)		
6	+26V(NC)			6	SENSOR(NC)		R
7	+5V(NC)			7	RND		
8	+5V(NC)			8	+16V RST	RS12-43	
9	+5V(NC)			9	VTO EXTR(NC)		
10	+5V(NC)			10	RND		R
11	+5V(NC)			11	NC		
12	+5V(NC)			12	NC		
13	RND	RS11-38	R	13	RND		R
14	RS11-37	R		14	LOS EXTR(NC)		
15	RND	RS11-38	R	15	NC		
16	RS11-39	R		16	RND		R
17	RND	RS11-34	R	17	R/TDRX(NC)		
18	RND	RS11-33	R	18	OWL EXTR(NC)		
19	RND	RS11-33	R	19	NC		
20	RND	RS11-33	R	20	RND		R
21	RND	RS11-33	R	21	REF(NC)		
22	+5V	RS11-28	R	22	STB PLL(NC)		
23	+5V	RS11-28	R	23	NC		
24	+5V	RS11-27	R	24	NC		R
25	+5V	RS11-28	R	25	LOC VIB TRIG(NC)		
26	+15V	RS11-28	R	26	NC		
27	+5V	RS11-27	R	27	LT STB	RS12-24	P
28	+5V	RS11-24	R	28	LOC VIB TRIG		
29	+5V	RS11-23	R	29	LOC VIB TRIG		
30	+26V(NC)			30	LOC VIB TRIG		
31	+5V(NC)			31	NC		
32	+15V	RS11-13	R	32	RS	RS12-28	P
33	+15V	RS11-13	R	33	RS	RS12-28	P
34	+15V	RS11-17	R	34	RND		
35	+15V	RS11-13	R	35	RS	RS11-18	P
36	RND	RS11-19	R	36	RS	RS12-15	P
37	+15V	RS11-14	R	37	RS	RS12-15	P
38	+12.5V			38	R1		P
39	RND	RS11-12	R	39	RS	RS12-11	P
40	NC			40	RS	RS12-11	P
41	SENSOR(NC)			41	RS	RS12-18	P
42	RND	RS11-3	R	42	RS	RS12-18	P
43	NC			43	RS	RS12-18	P
44	NC			44	RND		R
45	RND	RS11-5	R	45	RND		R
46	NC			46	RS	RS12-5	P
47	NC			47	RS	RS12-5	P
48	RND	RS11-3	R	48	R1		P
49	NC			49	RS	RS12-1	P
50	NC			50	RS	RS12-1	P

J6			
PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
1	J6-PS1		B
2	J6-PS2		B
3	J6-PS3		C
4	J6-PS4		C
5	J6-PS5		D
6	J6-PS6		D
7	J6-PS7		R
8	J6-PS8		R
9	J6-NC		
10	J6-NC		
11	J6-NC		
12	J6-NC		
13	J6-NC		
14	J6-NC		
15	J6-NC		
16	J6-NC		
17	J6-NC		
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63	J6-NC		
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65	J6-NC		
66	J6-NC		
67	J6-NC		
68	J6-NC		
69	J6-NC		
70	J6-NC		
71	J6-NC		
72	J6-NC		
73	J6-NC		
74	J6-NC		
75	J6-NC		

J7			
PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
1	J7-PS1		G
2	J7-PS2		G
3	J7-PS3		H
4	J7-PS4		H
5	J7-PS5		I
6	J7-PS6		I
7	J7-PS7		K
8	J7-PS8		K
9	J7-NC		
10	J7-NC		
11	J7-NC		
12	J7-NC		
13	J7-NC		
14	J7-NC		
15	J7-NC		
16	J7-NC		
17	J7-NC		
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67	J7-NC		
68	J7-NC		
69	J7-NC		
70	J7-NC		
71	J7-NC		
72	J7-NC		
73	J7-NC		
74	J7-NC		
75	J7-NC		

J8				J9			
PIN	SIGNAL	TO/FROM	FUNCTION BLOCK	PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
1	J8-TSL		K	1	J9-TSL		O
2	J8-TSL		K	2	J9-TSL		O
3	J8-TSL		H	3	J9-TSL		O
4	J8-TSL		H	4	J9-TSL		O
5	J8-TSL		H	5	J9-TSL		O
6	500V	R	R	6	500V	R	R
7	YAB	G	R	7	YAB (NC)		
8	YH1		R	8	YH1	R	R
9	KVY (NC)		R	9	KVY (NC)		R
10	YH2		R	10	YH2	R	R
11	YH3		R	11	YH3	R	R
12	YH4 (NC)		R	12	YH4 (NC)		R
13	J8-TSL		N	13	J9-TSL		P
14	J8-TSL		R	14	J9-TSL		P
15	J8-TSL		O	15	J9-TSL		P
16	OS1 (NC)			16	OS1 (NC)		

NOTES:

1. REFERENCE DESIGNATORS WITHIN THIS ASSEMBLY ARE ABBREVIATED. PREFIX ABBREVIATION WITH ASSEMBLY NUMBER FOR COMPLETE REFERENCE DESIGNATOR.
2. UNLESS OTHERWISE INDICATED:
RESISTANCE IN OHMS (Ω)
CAPACITANCE IN MICROFARADS (μF)
INDUCTANCE IN MICROHENRIES (μH)

⚠ ON 08560-60061 T201, T203
T501 & T503 ARE NOT IN CIRCUIT
PINS 1,2 & 3 ARE JUMPED
TOGETHER INSTEAD

ON 08560-60061, R606
VALUE IS 237 OHMS.
ON 08562-60120, R606
VALUE IS 147 OHMS.


4. FACTORY SELECT PART. NOMINAL VALUE SHOWN.

THIS DRAWING ALSO USED FOR THE FOLLOWING ASSEMBLIES:

08562-60120	08562-60120	AS SHOWN
08560-60061	08560-60061	NOTE 5 & 6

PART NO.	MATERIAL LIST	REMARKS
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TABLE 1

ITEM	QTY.	PART-MATERIAL-DESCRIPTION		MAT'L-PART NO.		MAT'L-ENG. NO.	MAT'L-SPEC.
DRAWN BY		DATE		BOARD ASSEMBLY- 10.7MHz FILTER (SCHEMATIC) TITLE		 HEWLETT PACKARD	
ENGINEER-CHECKER							
RELEASE TO PROD.							
SUPERSEDES DWG.							
		SCALE NONE		FILENAME- SHEET 3 OF 3		TABLE 1 PART NUMBER D-08560-60061-1	

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Component-Level Information Packet for 08560-60064

Frequency Control



**HEWLETT
PACKARD**

**HP Part No. 08560-90079
Printed in USA June 1992**

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HP Part Number 08560-60064
Frequency Control

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
A101	5062-7717	7	1		28480	5062-7717
A102	5062-8280	1	1		28480	5062-8280
A103	5062-7716	6	1		28480	5062-7716
C1	0180-3846	0	1	CAP-FXD 15uF +10% 25 V TA	04200	299D156X9025DB1
C2	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C3	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C4	0180-3831	3	1	CAP-FXD 10uF +10% 35 V TA	04200	299D106X9035DB1
C5	0180-3831	3	1	CAP-FXD 10uF +10% 35 V TA	04200	299D106X9035DB1
C6	0160-4805	1	1	CAP-FXD 47pF +5% 100 V CER C0G	09939	RPA10C0G470J100V
C7	0180-3831	3	1	CAP-FXD 10uF +10% 35 V TA	04200	299D106X9035DB1
C8	0180-3850	6	1	CAP-FXD 68uF +10% 10 V TA	04200	299D686X9010DB1
C9	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C10	0160-4554	7	1	CAP-FXD 0.01uF +20% 50 V CER X7R	09939	RPA10X7R103M50V
C11	0160-4554	7	1	CAP-FXD 0.01uF +20% 50 V CER X7R	09939	RPA10X7R103M50V
C12	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C13	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C14	0160-3402	2	1	CAP-FXD 1uF +5% 50 V POLYC-MET	13171	
C15	0160-5201	3	1	CAP-FXD 0.01uF +1% 200 V POLYC-MET	13171	
C16	0160-6326	5	1	CAP-FXD 1060pF +1% 50 V POLYC-MET	13171	
C17	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C18	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C20	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C21	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C22	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C23	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C25	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C27	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C28	0160-4831	3	1	CAP-FXD 4700pF +10% 100 V CER X7R	09939	RPA10X7R472K100V
C31	0160-0298	8	1	CAP-FXD 1500pF +10% 200 V POLYE-FL	02367	WMC2D15
C32	0160-5422	0	1	CAP-FXD 0.047uF +20% 50 V CER X7R	09939	RPA20X7R473M50V
C33	0160-5422	0	1	CAP-FXD 0.047uF +20% 50 V CER X7R	09939	RPA20X7R473M50V
C36	0180-0058	0	1	CAP-FXD 47uF +20% 25 V AL-ELCTLT	28480	0180-0058
C37	0180-3850	6	1	CAP-FXD 68uF +10% 10 V TA	04200	299D686X9010DB1
C38	0160-4808	4	1	CAP-FXD 470pF +5% 100 V CER C0G	09939	RPA10C0G471J100V
C39	0160-4808	4	1	CAP-FXD 470pF +5% 100 V CER C0G	09939	RPA10C0G471J100V

HP Part Number 08560-60064
Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C40	0160-4554	7	1	CAP-FXD 0.01uF +20% 50 V CER X7R	09939	RPA10X7R103M50V
C41	0180-3771	0	1	CAP-FXD 1uF +10% 35 V TA	04200	299D105X9035AB1
C42	0180-3831	3	1	CAP-FXD 10uF +10% 35 V TA	04200	299D106X9035DB1
C43	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C44	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C45	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C46	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C47	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C48	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C49	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C50	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C51	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C53	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C55	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C56	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C57	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C58	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C59	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C62	0160-4801	7	1	CAP-FXD 100pF +5% 100 V CER C0G	09939	RPA10C0G101J100V
C63	0160-4801	7	1	CAP-FXD 100pF +5% 100 V CER C0G	09939	RPA10C0G101J100V
C64	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C66	0160-4791	4	1	CAP-FXD 10pF +5% 100 V CER C0G	09939	RPA10C0G100D100
C201	0180-0500	7	1	CAP-FXD 47uF +20% 20 V TA	04200	199D1114
C302	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C303	0160-4830	2	1	CAP-FXD 2200pF +10% 100 V CER X7R	09939	RPA10X7R222K100V
C304	0160-4833	5	1	CAP-FXD 0.022uF +10% 100 V CER X7R	09939	RPA20X7R223K100V
C305	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C306	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C307	0160-4833	5	1	CAP-FXD 0.022uF +10% 100 V CER X7R	09939	RPA20X7R223K100V
C308	0160-4830	2	1	CAP-FXD 2200pF +10% 100 V CER X7R	09939	RPA10X7R222K100V
C309	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C310	0160-4233	9	1	CAP-FXD 0.47uF +5% 50 V POLYC-MET	13171	
C312	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C313	0160-4801	7	1	CAP-FXD 100pF +5% 100 V CER C0G	09939	RPA10C0G101J100V
C315	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003

*Indicates factory-selected value

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Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C316	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C317	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C318	0160-4814	2	1	CAP-FXD 150pF +5% 100 V CER C0G	09939	RPA10C0G151J100V
C320	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C321	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C322	0160-4040	6	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C323	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C324	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C325	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C326	0160-4801	7	1	CAP-FXD 100pF +5% 100 V CER C0G	09939	RPA10C0G101J100V
C327	0160-4846	0	1	CAP-FXD 1500pF +5% 100 V CER C0G	09939	RPA20COG152J100VPT
C328	0160-4814	2	1	CAP-FXD 150pF +5% 100 V CER C0G	09939	RPA10C0G151J100V
C329	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C330	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C331	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C332	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C333	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C334	0160-4814	2	1	CAP-FXD 150pF +5% 100 V CER C0G	09939	RPA10C0G151J100V
C335	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C336	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C337	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C338	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C339	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C340	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C341	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C342	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C343	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C344	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C345	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C346	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C347	0160-4830	2	1	CAP-FXD 2200pF +10% 100 V CER X7R	09939	RPA10X7R222K100V
C348	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C349	0160-4804	0	1	CAP-FXD 56pF +5% 100 V CER C0G	09939	RPA10COG560J100
C350	0160-4804	0	1	CAP-FXD 56pF +5% 100 V CER C0G	09939	RPA10COG560J100
C351	0160-4814	2	1	CAP-FXD 150pF +5% 100 V CER C0G	09939	RPA10C0G151J100V

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Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C352	0160-4814	2	1	CAP-FXD 150pF +5% 100 V CER C0G	09939	RPA10C0G151J100V
C353	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C354	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C355	0160-3661	5	1	CAP-FXD 0.1uF +5% 50 V POLYC-MET	13171	
C356	0160-4574	1	1	CAP-FXD 1000pF +10% 100 V CER X7R	09939	RPA10X7R102K100V
C357	0160-4807	3	1	CAP-FXD 33pF +5% 100 V CER C0G	09939	RPA10COG330J100
C358	0160-4805	1	1	CAP-FXD 47pF +5% 100 V CER C0G	09939	RPA10C0G470J100V
C359	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C360	0160-4791	4	1	CAP-FXD 10pF +5% 100 V CER C0G	09939	RPA10C0G100D100
C361	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C362	0160-4786	7	1	CAP-FXD 27pF +5% 100 V CER C0G	09939	RPA10COG270J100
C363	0160-4233	9	1	CAP-FXD 0.47uF +5% 50 V POLYC-MET	13171	
C364	0180-3771	0	1	CAP-FXD 1uF +10% 35 V TA	04200	299D105X9035AB1
C365	0160-3878	6	1	CAP-FXD 1000pF +20% 100 V CER X7R	09939	RPE121-105X7R102M100V
C369	0160-4830	2	1	CAP-FXD 2200pF +10% 100 V CER X7R	09939	RPA10X7R222K100V
C379	0180-3845	9	1	CAP-FXD 4.7uF +10% 35 V TA	04200	299D475X9035CB1
C380	0160-4574	1	1	CAP-FXD 1000pF +10% 100 V CER X7R	09939	RPA10X7R102K100V
C383	0160-4805	1	1	CAP-FXD 47pF +5% 100 V CER C0G	09939	RPA10C0G470J100V
C384	0160-4371	6	1	CAP-FXD 680pF +5% 100 V CER C0G	09939	RPE121-105C0G681J100V
C385	0160-4812	0	1	CAP-FXD 220pF +5% 100 V CER C0G	09939	RPA10C0G221J100V
C387	0160-4441	1	1	CAP-FXD 0.47uF +10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C388	0160-4441	1	1	CAP-FXD 0.47uF +10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C389	0160-4441	1	1	CAP-FXD 0.47uF +10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C390	0160-4441	1	1	CAP-FXD 0.47uF +10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C391	0160-4441	1	1	CAP-FXD 0.47uF +10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C392	0160-4441	1	1	CAP-FXD 0.47uF +10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C393	0160-3875	3	1	CAP-FXD 22pF +5% 200 V CER C0G	09939	RPE121-105C0G220J200V
C394	0160-4805	1	1	CAP-FXD 47pF +5% 100 V CER C0G	09939	RPA10C0G470J100V
C535	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C536	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C537	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C539	0160-4387	4	1	CAP-FXD 47pF +5% 200 V CER C0G	09939	RPE121-105C0G470J200V
C540	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C541	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C542	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V

*Indicates factory-selected value

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Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
C543	0160-0570	9	1	CAP-FXD 220pF \pm 20% 100 V CER X7R	09939	RPE121-105X7R221M100V
C544	0160-0570	9	1	CAP-FXD 220pF \pm 20% 100 V CER X7R	09939	RPE121-105X7R221M100V
C545	0160-6016	0	1	CAP-FXD 0.047uF \pm 10% 100 V CER X7R	09939	RPE122X7R473K100V
C546	0160-6016	0	1	CAP-FXD 0.047uF \pm 10% 100 V CER X7R	09939	RPE122X7R473K100V
C547	0160-4031	5	1	CAP-FXD 330pF \pm 5% 100 V CER C0G	09939	RPE121-105C0G331J100V
C548	0160-5405	9	1	CAP-FXD 130pF \pm 5% 100 V CER C0G	09939	RPA10C0G131J100V
C549	0160-4615	1	1	CAP-FXD 1200pF \pm 5% 100 V CER C0G	09939	RPE121-105C0G122J100V
C550	0160-3879	7	1	CAP-FXD 0.01uF \pm 20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C551	0160-4040	6	1	CAP-FXD 1000pF \pm 5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C552	0160-3879	7	1	CAP-FXD 0.01uF \pm 20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C554	0160-4497	7	1	CAP-FXD 82pF \pm 5% 200 V CER C0G	09939	RPE121-105C0G820J200V
C556	0160-3879	7	1	CAP-FXD 0.01uF \pm 20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C557	0160-4040	6	1	CAP-FXD 1000pF \pm 5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C558	0160-3879	7	1	CAP-FXD 0.01uF \pm 20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C560	0160-3875	3	1	CAP-FXD 22pF \pm 5% 200 V CER C0G	09939	RPE121-105C0G220J200V
C561	0160-6723	6	1	CAP-FXD 75pF \pm 5% 200 V CER C0G	09939	RPE121-105C0G750J200V
C562	0160-4521	8	1	CAP-FXD 12pF \pm 5% 200 V CER C0G	09939	RPE121-105C0G120J200V
C563	0160-4497	7	1	CAP-FXD 82pF \pm 5% 200 V CER C0G	09939	RPE121-105C0G820J200V
C564	0160-4524	1	1	CAP-FXD 24pF \pm 5% 200 V CER C0G	09939	RPE121-105C0G240J200V
C580	0160-4040	6	1	CAP-FXD 1000pF \pm 5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C581	0160-4040	6	1	CAP-FXD 1000pF \pm 5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C582	0160-4040	6	1	CAP-FXD 1000pF \pm 5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C589	0160-3874	2	1	CAP-FXD 10pF \pm 5% 200 V CER C0G	09939	RPE121-105C0G100D200V
C590	0160-4040	6	1	CAP-FXD 1000pF \pm 5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C591	0160-4031	5	1	CAP-FXD 330pF \pm 5% 100 V CER C0G	09939	RPE121-105C0G331J100V
C592	0160-4497	7	1	CAP-FXD 82pF \pm 5% 200 V CER C0G	09939	RPE121-105C0G820J200V
C601	0180-3831	3	1	CAP-FXD 10uF \pm 10% 35 V TA	04200	299D106X9035DB1
C602	0160-4084	8	1	CAP-FXD 0.1uF \pm 20% 50 V CER X7R	09939	RPE122-139X7R104M50V
C603	0160-4819	7	1	CAP-FXD 2200pF \pm 5% 100 V CER C0G	09939	RPA30C0G222J100VPT
C604	0160-4389	6	1	CAP-FXD 100pF \pm 5% 200 V CER C0G	09939	RPE121-105C0G101J200V
C606	0160-4387	4	1	CAP-FXD 47pF \pm 5% 200 V CER C0G	09939	RPE121-105C0G470J200V
CR1	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03
CR2	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03
CR3	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03
CR4	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03

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Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
CR5	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	FDH5323.03
CR6	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	
CR7	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR9	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR11	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	
CR12	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR13	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR14	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR15	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR16	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR17	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR18	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR19	1901-0518	8	1	DIODE-SCHOTTKY SM SIG	02062	5082-5509
CR21	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	5082-5509
CR22	1901-0518	8	1	DIODE-SCHOTTKY SM SIG	02062	
CR23	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR24	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	5082-5580
CR25	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR27	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR302	1901-1097	0	1	DIODE-PIN	02062	
CR303	1901-1097	0	1	DIODE-PIN	02062	5082-5580
CR304	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03
CR305	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03
CR601	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	2743001112
E503	9170-1366	3	1	CORE-SHIELDING BEAD	03827	
E504	9170-1366	3	1	CORE-SHIELDING BEAD	03827	
E505	9170-1366	3	1	CORE-SHIELDING BEAD	03827	
E506	9170-0029	3	1	CORE-SHIELDING BEAD	04822	
E507	9170-1366	3	1	CORE-SHIELDING BEAD	03827	
E508	9170-1366	3	1	CORE-SHIELDING BEAD	03827	
J1	1252-1064	4	1	CONN-POST TYPE .100-PIN-SPCG 50-CONT	01380	1-746878-0
J2	1252-1064	4	1	CONN-POST TYPE .100-PIN-SPCG 50-CONT	01380	1-746878-0
J3	1252-2007	7	1	CONN-POST TYPE .100-PIN-SPCG 9-CONT	02946	68451-125
J6	1252-2221	7	1	CONN-POST TYPE .100-PIN-SPCG 10-CONT	02946	69155-110
J7	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	07247	59S213-40TD3

*Indicates factory-selected value

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Frequency Control (continued)**

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
J10	1252-2041	9	1	CONN-POST TYPE .100-PIN-SPCG 7-CONT	01380	644219-1
J11	1252-0523	8	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	01380	641216-3
J12	1252-2008	8	1	CONN-POST TYPE .100-PIN-SPCG 9-CONT	02946	68451-124
J13	1252-2028	2	1	CONN-POST TYPE .100-PIN-SPCG 10-CONT	04726	2510-5022UB
J14	1251-5033	3	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	02946	68001-603
J15	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J16	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J17	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J18	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J19	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J23	1251-5033	3	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	02946	68001-603
J301	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	07247	59S213-40TD3
J302	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J303	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J304	1250-0257	1	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	28480	1250-0257
J501	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	07247	59S213-40TD3
L1	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
L2	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
L3	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
L4	9100-0539	3	1	INDUCTOR RF-CH-MLD 10UH +5%	03706	21001M-5%
L5	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +5%	05826	1537-76
L6	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +5%	05826	1537-76
L7	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +5%	05826	1537-76
L8	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +5%	05826	1537-76
L201	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +5%	05826	1537-76
L301	9140-0158	6	1	INDUCTOR RF-CH-MLD 1UH +10%	03706	1A1002M +10%
L302	9100-2256	5	1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%
L303	9140-0400	1	1	INDUCTOR RF-CH-MLD 8.2UH +5%	03706	28202M-5%
L304	9100-2261	2	1	INDUCTOR RF-CH-MLD 2.7UH +10%	05826	1025-30
L305	9140-0400	1	1	INDUCTOR RF-CH-MLD 8.2UH +5%	03706	28202M-5%
L306	9100-2261	2	1	INDUCTOR RF-CH-MLD 2.7UH +10%	05826	1025-30
L307	9100-2891	4	1	INDUCTOR RF-CH-MLD 50NH +10%	03706	6-02729
L308	9135-0078	8	1	INDUCTOR RF-CH-MLD 82NH +5.61%	02172	
L309	9135-0071	1	1	INDUCTOR RF-CH-MLD 62NH +5.806%	02172	
L310	9140-0158	6	1	INDUCTOR RF-CH-MLD 1UH +10%	03706	1A1002M +10%

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Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
L311	9140-0158	6	1	INDUCTOR RF-CH-MLD 1UH +10%	03706	1A1002M +10%
L313	9100-2256	5	1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%
L314	9100-2247	4	1	INDUCTOR RF-CH-MLD 100NH +10%	03706	1A1003M+10%
L315	9100-2247	4	1	INDUCTOR RF-CH-MLD 100NH +10%	03706	1A1003M+10%
L316	9100-2261	2	1	INDUCTOR RF-CH-MLD 2.7UH +10%	05826	1025-30
L321	9100-2256	5	1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%
L322	9100-2256	5	1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%
L323	9100-2252	1	1	INDUCTOR RF-CH-MLD 270NH +10%	03706	1A2703M+10%
L512	9100-1788	6	1	CORE-FERRITE CHOKE-WIDEBAND;IMP:>680	11212	LB2/2.5ZB
L541	9140-0565	9	1	INDUCTOR RF-CH-MLD 43UH +5%	03706	6-02782
L560	9100-3314	8	1	INDUCTOR RF-CH-MLD 150NH +5%	03706	21503M-5%
L561	9100-2891	4	1	INDUCTOR RF-CH-MLD 50NH +10%	03706	6-02729
L562	9140-0450	1	1	INDUCTOR RF-CH-MLD 270NH +5%	03706	22703M-5%
L563	9100-2891	4	1	INDUCTOR RF-CH-MLD 50NH +10%	03706	6-02729
L564	9100-3314	8	1	INDUCTOR RF-CH-MLD 150NH +5%	03706	21503M-5%
L601	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
MP2	1205-0719	5	2	HEAT SINK SGL SPCL-HOLE-PATT	05792	7-374S4-1-M01-BA
MP4	1205-0011	0	2	HEAT SINK TO-5/TO-39-CS	05792	TXBF-032-025B
MP5	1200-0173	5	3	INSULATOR-XSTR DAP-GL	02210	A-10001 DAP
MP7	3030-0133	8	3	SCREW-SKT HD CAP 6-32 .25-IN-LG SST	04418	
MP8	5021-6733	9	1		28480	5021-6733
MP9	5021-6734	0	1		28480	5021-6734
MP10	0340-1173	2	1	INSULATOR 0.015 IN THK G-10 MATERIAL	02739	B14-047-02
MP11	1258-0141	8	2	JUMPER-REMOVABLE FOR 0.025 IN SQ PINS	02946	65474-004
Q101	1855-0555	4	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	02883	VN0300L
Q102	1855-0241	5	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-72 SI	02883	SD215DE
Q103	1855-0555	4	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	02883	VN0300L
Q104	1855-0241	5	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-72 SI	02883	SD215DE
Q105	1855-0555	4	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	02883	VN0300L
Q106	1855-0280	2	1	TRANSISTOR J-FET N-CHAN D-MODE TO-92 SI	02883	E107
Q301	1855-0509	8	1	TRANSISTOR MOSFET P-CHAN E-MODE TO-220	03038	IRF9520
Q302	1855-0509	8	1	TRANSISTOR MOSFET P-CHAN E-MODE TO-220	03038	IRF9520
Q303	1855-0421	3	1	TRANSISTOR J-FET 2N5114 P-CHAN D-MODE	02883	2N5114
Q304	1855-0421	3	1	TRANSISTOR J-FET 2N5114 P-CHAN D-MODE	02883	2N5114
Q305	1855-0414	4	1	TRANSISTOR J-FET 2N4393 N-CHAN D-MODE	02883	2N4393

*Indicates factory-selected value

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Frequency Control (continued)

Reference Designator	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
Q306	1854-0637	1		1	TRANSISTOR NPN 2N2219A SI TO-5 PD=800MW	02037	2N2219A
Q307	1853-0314	9		1	TRANSISTOR PNP 2N2905A SI TO-39 PD=400MW	02037	2N2905A
Q308	1854-0477	7		1	TRANSISTOR NPN 2N2222A SI TO-18 PD=500MW	02037	2N2222A
Q310	1853-0281	9		1	TRANSISTOR PNP 2N2907A SI TO-18 PD=400MW	02037	2N2907A
Q311	1855-0522	5		1	TRANSISTOR MOSFET P-CHAN E-MODE SI	03038	IRFD9120
Q401	1853-0213	7		1	TRANSISTOR PNP 2N4236 SI TO-5 PD=1W	02037	2N4236
R1	0757-0442	9		1	RESISTOR 10K +1% .125W TF TC=0+100	05524	CMF-55-1
R2	0757-0442	9		1	RESISTOR 10K +1% .125W TF TC=0+100	05524	CMF-55-1
R3	0757-0401	0		1	RESISTOR 100 +1% .125W TF TC=0+100	05524	CMF-55-1
R5	0699-0642	7		1	RESISTOR 10K +0.1% .1W TF TC=0+5	05524	PTF-56-7
R6	0699-0533	5		1	RESISTOR 4.64K +0.1% .125W TF TC=0+25	01074	H8
R7	0698-8824	1		1	RESISTOR 562K +1% .125W TF TC=0+100	01074	H8
R8	0757-0442	9		1	RESISTOR 10K +1% .125W TF TC=0+100	05524	CMF-55-1
R9	0757-0279	0		1	RESISTOR 3.16K +1% .125W TF TC=0+100	05524	CMF-55-1
R10	0698-3450	9		1	RESISTOR 42.2K +1% .125W TF TC=0+100	05524	CMF-55-1
R11	0698-0084	9		1	RESISTOR 2.15K +1% .125W TF TC=0+100	05524	CMF-55-1
R12	0699-0642	7		1	RESISTOR 10K +0.1% .1W TF TC=0+5	05524	PTF-56-7
R13	0699-0642	7		1	RESISTOR 10K +0.1% .1W TF TC=0+5	05524	PTF-56-7
R14	0698-3442	9		1	RESISTOR 237 +1% .125W TF TC=0+100	05524	CMF-55-1
R15	0698-6322	0		1	RESISTOR 4K +0.1% .125W TF TC=0+25	05524	CMF-55-1, T-9
R16	0757-0443	0		1	RESISTOR 11K +1% .125W TF TC=0+100	05524	CMF-55-1
R17	0757-0288	1		1	RESISTOR 9.09K +1% .125W TF TC=0+100	05524	CMF-55-1
R18	0698-3153	9		1	RESISTOR 3.83K +1% .125W TF TC=0+100	05524	CMF-55-1
R19	0757-0279	0		1	RESISTOR 3.16K +1% .125W TF TC=0+100	05524	CMF-55-1
R20	0698-0083	8		1	RESISTOR 1.96K +1% .125W TF TC=0+100	05524	CMF-55-1
R21	0698-6322	0		1	RESISTOR 4K +0.1% .125W TF TC=0+25	05524	CMF-55-1, T-9
R22	0698-6322	0		1	RESISTOR 4K +0.1% .125W TF TC=0+25	05524	CMF-55-1, T-9
R23	0698-3450	9		1	RESISTOR 42.2K +1% .125W TF TC=0+100	05524	CMF-55-1
R24	0698-3460	1		1	RESISTOR 422K +1% .125W TF TC=0+100	05524	CMF-55-1
R25	0757-0200	7		1	RESISTOR 5.62K +1% .125W TF TC=0+100	05524	CMF-55-1
R26	0757-0420	3		1	RESISTOR 750 +1% .125W TF TC=0+100	05524	CMF-55-1
R27	0757-0440	7		1	RESISTOR 7.5K +1% .125W TF TC=0+100	05524	CMF-55-1
R28	0757-0465	6		1	RESISTOR 100K +1% .125W TF TC=0+100	05524	CMF-55-1
R29	0698-8824	1		1	RESISTOR 562K +1% .125W TF TC=0+100	01074	H8
R30	0757-0459	8		1	RESISTOR 56.2K +1% .125W TF TC=0+100	05524	CMF-55-1

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Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R31	0757-0465	6	1	RESISTOR 100K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R32	0698-6619	8	1	RESISTOR 15K $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R33	0698-6619	8	1	RESISTOR 15K $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R34	0698-3150	6	1	RESISTOR 2.37K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R35	0698-6360	6	1	RESISTOR 10K $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R36	0698-6360	6	1	RESISTOR 10K $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R37	0699-0642	7	1	RESISTOR 10K $\pm 0.1\%$.1W TF TC=0 \pm 5	05524	PTF-56-7
R39	0699-0642	7	1	RESISTOR 10K $\pm 0.1\%$.1W TF TC=0 \pm 5	05524	PTF-56-7
R40	0699-0118	2	1	RESISTOR 20K $\pm 0.1\%$.1W TF TC=0 \pm 5	05524	PTF-56-7
R41	0699-0118	2	1	RESISTOR 20K $\pm 0.1\%$.1W TF TC=0 \pm 5	05524	PTF-56-7
R42	2100-3863	5	1	RESISTOR-TRMR 200 10% TKF TOP-ADJ 17-TRN	03744	3299W-DM3-201
R43	0698-8821	8	1	RESISTOR 5.62 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R44	0699-0555	1	1	RESISTOR 100 $\pm 0.1\%$.3W MF TC=0 \pm 5	02928	301464
R45	0757-0280	3	1	RESISTOR 1K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R46	0698-3155	1	1	RESISTOR 4.64K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R47	0698-7229	8	1	RESISTOR 511 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R48	0757-0394	0	1	RESISTOR 51.1 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R49	0698-7222	1	1	RESISTOR 261 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R50	0757-0442	9	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R51	0698-7283	4	1	RESISTOR 90.9K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R52	0698-3457	6	1	RESISTOR 316K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R53	0698-6320	8	1	RESISTOR 5K $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R54	0698-6320	8	1	RESISTOR 5K $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R55	0698-7255	0	1	RESISTOR 6.19K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R56	0698-7268	5	1	RESISTOR 21.5K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R57	0698-6967	9	1	RESISTOR 32.5K $\pm 1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R58	0698-6323	1	1	RESISTOR 100 $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R59	0698-7212	9	1	RESISTOR 100 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R60	0699-0555	1	1	RESISTOR 100 $\pm 0.1\%$.3W MF TC=0 \pm 5	02928	301464
R61	0699-0555	1	1	RESISTOR 100 $\pm 0.1\%$.3W MF TC=0 \pm 5	02928	301464
R62	0698-7198	0	1	RESISTOR 26.1 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R63	0757-0438	3	1	RESISTOR 5.11K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R64	0757-0438	3	1	RESISTOR 5.11K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R65	0757-0280	3	1	RESISTOR 1K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R66	0757-0401	0	1	RESISTOR 100 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1

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Frequency Control (continued)

Reference Designator	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
R67	0757-0401	0		1	RESISTOR 100 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R68	0757-0401	0		1	RESISTOR 100 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R69	0698-3152	8		1	RESISTOR 3.48K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R70	0698-6360	6		1	RESISTOR 10K $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R71	0698-6322	0		1	RESISTOR 4K $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R72	0698-6624	5		1	RESISTOR 2K $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R73	0757-0003	8		1	RESISTOR 26.1 $\pm 1\%$.5W TF TC=0 \pm 100	05524	CMF-65-2
R74	0757-0003	8		1	RESISTOR 26.1 $\pm 1\%$.5W TF TC=0 \pm 100	05524	CMF-65-2
R75	0698-3439	4		1	RESISTOR 178 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R76	2100-1774	3		1	RESISTOR-TRMR 2K 5% WW TOP-ADJ 1-TRN	06026	CT-100-4-2K
R77	0757-0003	8		1	RESISTOR 26.1 $\pm 1\%$.5W TF TC=0 \pm 100	05524	CMF-65-2
R78	0698-3153	9		1	RESISTOR 3.83K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R79	0699-2107	3		1	RESISTOR 63.93K $\pm 0.1\%$.125W TF TC=0 \pm 5	06337	5023Z
R80	0699-2109	5		1	RESISTOR 25K $\pm 0.1\%$.125W TF TC=0 \pm 5	06337	5023Z
R81	0699-2108	4		1	RESISTOR 50K $\pm 0.1\%$.125W TF TC=0 \pm 5	06337	5023Z
R82	0699-2108	4		1	RESISTOR 50K $\pm 0.1\%$.125W TF TC=0 \pm 5	06337	5023Z
R83	0757-0280	3		1	RESISTOR 1K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R84	0698-7260	7		1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R85	0698-7253	8		1	RESISTOR 5.11K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R86	0698-7253	8		1	RESISTOR 5.11K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R87	0698-3442	9		1	RESISTOR 237 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R88	0699-2113	1		1	RESISTOR 2K $\pm 0.1\%$.125W TF TC=0 \pm 5	06337	5023Z
R89	0699-2114	2		1	RESISTOR 1K $\pm 0.1\%$.125W TF TC=0 \pm 5	06337	5023Z
R92	0698-6620	1		1	RESISTOR 150K $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R93	2100-3876	0		1	RESISTOR-TRMR 1K 10% TKF TOP-ADJ 17-TRN	03744	3299W-DM3-102
R94	0757-0280	3		1	RESISTOR 1K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R95	0698-6360	6		1	RESISTOR 10K $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R96	0698-6360	6		1	RESISTOR 10K $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R99	0757-0458	7		1	RESISTOR 51.1K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R100	0698-3152	8		1	RESISTOR 3.48K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R101	0698-7260	7		1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R102	0698-7260	7		1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R103	0698-7275	4		1	RESISTOR 42.2K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R104	0698-8827	4		1	RESISTOR 1M $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R105	0699-0642	7		1	RESISTOR 10K $\pm 0.1\%$.1W TF TC=0 \pm 5	05524	PTF-56-7

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Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R106	0698-3440	7	1	RESISTOR 196 +1% .125W TF TC=0+100	05524	CMF-55-1
R107	0757-0438	3	1	RESISTOR 5.11K +1% .125W TF TC=0+100	05524	CMF-55-1
R108	0698-6320	8	1	RESISTOR 5K +0.1% .125W TF TC=0+25	05524	CMF-55-1, T-9
R109	0698-3153	9	1	RESISTOR 3.83K +1% .125W TF TC=0+100	05524	CMF-55-1
R110	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+100	05524	CMF-55-1
R111	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+100	05524	CMF-55-1
R112	0699-2125	5	1	RESISTOR 643.7K +1% .125W TF TC=0+100	05524	CMF-55-1
R113	0698-3160	8	1	RESISTOR 31.6K +1% .125W TF TC=0+100	05524	CMF-55-1
R114	0699-2112	0	1	RESISTOR 10K +0.1% .125W TF TC=0+2	06337	5023Z
R115	0757-0465	6	1	RESISTOR 100K +1% .125W TF TC=0+100	05524	CMF-55-1
R116	0757-0465	6	1	RESISTOR 100K +1% .125W TF TC=0+100	05524	CMF-55-1
R120	0699-2104	0	1	RESISTOR 169.5K +0.1% .125W TF TC=0+5	06337	5023Z
R121	0699-0642	7	1	RESISTOR 10K +0.1% .1W TF TC=0+5	05524	PTF-56-7
R122	0699-2122	2	1	RESISTOR 55.5K +0.1% .125W TF TC=0+25	05524	CMF-55-1
R123	0698-6360	6	1	RESISTOR 10K +0.1% .125W TF TC=0+25	05524	CMF-55-1, T-9
R124	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+100	05524	CMF-55-1
R125	0757-0401	0	1	RESISTOR 100 +1% .125W TF TC=0+100	05524	CMF-55-1
R126	0699-0555	1	1	RESISTOR 100 +0.1% .3W MF TC=0+5	02928	301464
R129	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+100	05524	CMF-55-1
R132	0699-2105	1	1	RESISTOR 150K +0.1% .125W TF TC=0+5	06337	5023Z
R135	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+100	05524	CMF-55-1
R137	0698-6360	6	1	RESISTOR 10K +0.1% .125W TF TC=0+25	05524	CMF-55-1, T-9
R138	0698-6362	8	1	RESISTOR 1K +0.1% .125W TF TC=0+25	05524	CMF-55-1, T-9
R139	0698-7912	6	1	RESISTOR 111.1 +0.25% .125W TF	05524	CMF-55-1, T-1
R142	0698-3161	9	1	RESISTOR 38.3K +1% .125W TF TC=0+100	05524	CMF-55-1
R144	0699-0118	2	1	RESISTOR 20K +0.1% .1W TF TC=0+5	05524	PTF-56-7
R145	0699-0642	7	1	RESISTOR 10K +0.1% .1W TF TC=0+5	05524	PTF-56-7
R146	0699-2112	0	1	RESISTOR 10K +0.1% .125W TF TC=0+2	06337	5023Z
R162	0698-3441	8	1	RESISTOR 215 +1% .125W TF TC=0+100	05524	CMF-55-1
R164	0698-7218	5	1	RESISTOR 178 +1% .05W TF TC=0+100	05524	CMF-50-2
R165	0698-7218	5	1	RESISTOR 178 +1% .05W TF TC=0+100	05524	CMF-50-2
R166	0698-8958	2	1	RESISTOR 511K +1% .125W TF TC=0+100	01074	H8
R167	0698-8958	2	1	RESISTOR 511K +1% .125W TF TC=0+100	01074	H8
R174	0699-1305	1	1	RESISTOR 10.2K +0.1% .1W TF TC=0+5	05524	PTF-56-7
R175	0698-7212	9	1	RESISTOR 100 +1% .05W TF TC=0+100	05524	CMF-50-2

*Indicates factory-selected value

**HP Part Number 08560-60064
Frequency Control (continued)**

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R176	0698-7212	9	1	RESISTOR 100 \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R177	0698-7212	9	1	RESISTOR 100 \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R178	0698-7212	9	1	RESISTOR 100 \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R179	0698-7212	9	1	RESISTOR 100 \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R180	0698-7212	9	1	RESISTOR 100 \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R301	0698-7250	5	1	RESISTOR 3.83K \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R302	0698-7284	5	1	RESISTOR 100K \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R303	0698-7263	0	1	RESISTOR 13.3K \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R304	0757-0289	2	1	RESISTOR 13.3K \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R305	0757-0289	2	1	RESISTOR 13.3K \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R306	0757-0289	2	1	RESISTOR 13.3K \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R307	0698-7260	7	1	RESISTOR 10K \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R308	0698-7253	8	1	RESISTOR 5.11K \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R309	0698-7260	7	1	RESISTOR 10K \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R311	0698-7284	5	1	RESISTOR 100K \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R312	0698-7260	7	1	RESISTOR 10K \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R313	0698-7284	5	1	RESISTOR 100K \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R315	0757-0442	9	1	RESISTOR 10K \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R316	0757-0401	0	1	RESISTOR 100 \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R317	0698-7229	8	1	RESISTOR 511 \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R321	0698-3446	3	1	RESISTOR 383 \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R322	0757-0394	0	1	RESISTOR 51.1 \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R323	0698-7248	1	1	RESISTOR 3.16K \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R324	0698-7268	5	1	RESISTOR 21.5K \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R325	0698-7260	7	1	RESISTOR 10K \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R326	0757-0442	9	1	RESISTOR 10K \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R327	0698-7236	7	1	RESISTOR 1K \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R328	0698-7212	9	1	RESISTOR 100 \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R329	0757-0401	0	1	RESISTOR 100 \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R330	0698-7229	8	1	RESISTOR 511 \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R331	0757-1094	9	1	RESISTOR 1.47K \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R332	0699-0068	1	1	RESISTOR 1.47M \pm 1% .125W TF TC=0 \pm 100	06118	MK2
R333	0698-3449	6	1	RESISTOR 28.7K \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R334	0757-0442	9	1	RESISTOR 10K \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R335	0757-0202	9	1	RESISTOR 13.7K \pm 1% .125W TF TC=0 \pm 50	05524	CMF-55-1, T-2

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Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
R336	0698-3260	9	1	RESISTOR 464K +1% .125W TF TC=0+-100	05524	CMF-55-1
R337	0698-3155	1	1	RESISTOR 4.64K +1% .125W TF TC=0+-100	05524	CMF-55-1
R338	0698-3154	0	1	RESISTOR 4.22K +1% .125W TF TC=0+-100	05524	CMF-55-1
R340	0698-3156	2	1	RESISTOR 14.7K +1% .125W TF TC=0+-100	05524	CMF-55-1
R341	0698-7229	8	1	RESISTOR 511 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R342	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+-100	05524	CMF-55-1
R345	0698-7236	7	1	RESISTOR 1K +1% .05W TF TC=0+-100	05524	CMF-50-2
R347	0757-0394	0	1	RESISTOR 51.1 +1% .125W TF TC=0+-100	05524	CMF-55-1
R348	0757-0394	0	1	RESISTOR 51.1 +1% .125W TF TC=0+-100	05524	CMF-55-1
R349	0757-0394	0	1	RESISTOR 51.1 +1% .125W TF TC=0+-100	05524	CMF-55-1
R350	0698-7189	9	1	RESISTOR 11 +1% .05W TF TC=0+-100	05524	CMF-50-2
R351	0698-7189	9	1	RESISTOR 11 +1% .05W TF TC=0+-100	05524	CMF-50-2
R352	0698-7213	0	1	RESISTOR 110 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R353	0698-7193	5	1	RESISTOR 16.2 +1% .05W TF TC=0+-100	05524	CMF-50-2
R354	0698-7193	5	1	RESISTOR 16.2 +1% .05W TF TC=0+-100	05524	CMF-50-2
R355	0698-7208	3	1	RESISTOR 68.1 +1% .05W TF TC=0+-100	05524	CMF-50-2
R356	0698-7205	0	1	RESISTOR 51.1 +1% .05W TF TC=0+-100	05524	CMF-50-2
R357	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R358	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R359	0698-7220	9	1	RESISTOR 215 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R360	0698-7246	9	1	RESISTOR 2.61K +1% .05W TF TC=0+-100	05524	CMF-50-2
R361	0698-7268	5	1	RESISTOR 21.5K +1% .05W TF TC=0+-100	05524	CMF-50-2
R362	0698-7284	5	1	RESISTOR 100K +1% .05W TF TC=0+-100	05524	CMF-50-2
R363	0698-7268	5	1	RESISTOR 21.5K +1% .05W TF TC=0+-100	05524	CMF-50-2
R364	0698-7284	5	1	RESISTOR 100K +1% .05W TF TC=0+-100	05524	CMF-50-2
R365	0698-7229	8	1	RESISTOR 511 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R366	0698-7229	8	1	RESISTOR 511 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R367	0698-7241	4	1	RESISTOR 1.62K +1% .05W TF TC=0+-100	05524	CMF-50-2
R368	0757-0346	2	1	RESISTOR 10 +1% .125W TF TC=0+-100	05524	CMF-55-1
R369	0698-8615	8	1	RESISTOR 75K +1% .05W TF TC=0+-100	05524	CMF-50-2
R370	0698-7236	7	1	RESISTOR 1K +1% .05W TF TC=0+-100	05524	CMF-50-2
R371	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R372	0698-7241	4	1	RESISTOR 1.62K +1% .05W TF TC=0+-100	05524	CMF-50-2
R373	0698-7246	9	1	RESISTOR 2.61K +1% .05W TF TC=0+-100	05524	CMF-50-2
R375	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2

*Indicates factory-selected value

HP Part Number 08560-60064
Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
R376	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+100	05524	CMF-50-2
R377	0698-7284	5	1	RESISTOR 100K +1% .05W TF TC=0+100	05524	CMF-50-2
R379	0698-3444	1	1	RESISTOR 316 +1% .125W TF TC=0+100	05524	CMF-55-1
R380	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+100	05524	CMF-50-2
R381	0757-0420	3	1	RESISTOR 750 +1% .125W TF TC=0+100	05524	CMF-55-1
R382	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+100	05524	CMF-50-2
R383	0698-7271	0	1	RESISTOR 28.7K +1% .05W TF TC=0+100	05524	CMF-50-2
R384	0698-7248	1	1	RESISTOR 3.16K +1% .05W TF TC=0+100	05524	CMF-50-2
R386	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+100	05524	CMF-50-2
R387	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+100	05524	CMF-50-2
R388	0698-7228	7	1	RESISTOR 464 +1% .05W TF TC=0+100	05524	CMF-50-2
R389	0757-0438	3	1	RESISTOR 5.11K +1% .125W TF TC=0+100	05524	CMF-55-1
R390	0698-7284	5	1	RESISTOR 100K +1% .05W TF TC=0+100	05524	CMF-50-2
R391	0698-7280	1	1	RESISTOR 68.1K +1% .05W TF TC=0+100	05524	CMF-50-2
R392	0698-7236	7	1	RESISTOR 1K +1% .05W TF TC=0+100	05524	CMF-50-2
R396	0757-0401	0	1	RESISTOR 100 +1% .125W TF TC=0+100	05524	CMF-55-1
R397	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+100	05524	CMF-50-2
R398	0699-0073	8	1	RESISTOR 10M +1% .125W TF TC=0+100	06118	MK2
R399	0699-0073	8	1	RESISTOR 10M +1% .125W TF TC=0+100	06118	MK2
R400	0699-0127	3	1	RESISTOR 464K +1% .05W TF TC=0+100	02499	RG-1/8-T050
R531	0698-7220	9	1	RESISTOR 215 +1% .05W TF TC=0+100	05524	CMF-50-2
R532	0698-7220	9	1	RESISTOR 215 +1% .05W TF TC=0+100	05524	CMF-50-2
R533	0698-7228	7	1	RESISTOR 464 +1% .05W TF TC=0+100	05524	CMF-50-2
R534	0698-7228	7	1	RESISTOR 464 +1% .05W TF TC=0+100	05524	CMF-50-2
R535	0698-7228	7	1	RESISTOR 464 +1% .05W TF TC=0+100	05524	CMF-50-2
R541	0698-7205	0	1	RESISTOR 51.1 +1% .05W TF TC=0+100	05524	CMF-50-2
R542	0698-7212	9	1	RESISTOR 100 +1% .05W TF TC=0+100	05524	CMF-50-2
R543	0698-7236	7	1	RESISTOR 1K +1% .05W TF TC=0+100	05524	CMF-50-2
R544	0698-7205	0	1	RESISTOR 51.1 +1% .05W TF TC=0+100	05524	CMF-50-2
R545	0698-7220	9	1	RESISTOR 215 +1% .05W TF TC=0+100	05524	CMF-50-2
R548	0698-7220	9	1	RESISTOR 215 +1% .05W TF TC=0+100	05524	CMF-50-2
R551	0698-7284	5	1	RESISTOR 100K +1% .05W TF TC=0+100	05524	CMF-50-2
R552	0698-7235	6	1	RESISTOR 909 +1% .05W TF TC=0+100	05524	CMF-50-2
R553	0698-7235	6	1	RESISTOR 909 +1% .05W TF TC=0+100	05524	CMF-50-2
R554	0698-7219	6	1	RESISTOR 196 +1% .05W TF TC=0+100	05524	CMF-50-2

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Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
R562	0698-7205	0	1	RESISTOR 51.1 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R563	0698-7205	0	1	RESISTOR 51.1 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R564	0698-7236	7	1	RESISTOR 1K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R570	0698-7236	7	1	RESISTOR 1K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R571	0698-7225	4	1	RESISTOR 348 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R580	0698-7236	7	1	RESISTOR 1K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R581	0698-7234	5	1	RESISTOR 825 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R583	0698-7193	5	1	RESISTOR 16.2 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R584	0698-7212	9	1	RESISTOR 100 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R585	0698-7225	4	1	RESISTOR 348 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R586	0698-7212	9	1	RESISTOR 100 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R587	0698-7197	9	1	RESISTOR 23.7 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R588	0698-7205	0	1	RESISTOR 51.1 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R589	0698-7205	0	1	RESISTOR 51.1 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R590	0698-7225	4	1	RESISTOR 348 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R591	0698-7236	7	1	RESISTOR 1K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R592	0698-7188	8	1	RESISTOR 10 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R593	0698-7228	7	1	RESISTOR 464 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R594	0698-7228	7	1	RESISTOR 464 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R601	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R602	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R603	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R604	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R619	0757-0442	9	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R620	0698-0084	9	1	RESISTOR 2.15K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R621	2100-4184	5	1	RESISTOR-TRMR 10K 10% TKF TOP-ADJ 1-TRN	03744	3329H-EG9-103
R623	0757-0416	7	1	RESISTOR 511 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R624	0757-0280	3	1	RESISTOR 1K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R625	0757-0416	7	1	RESISTOR 511 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R628	2100-4182	3	1	RESISTOR-TRMR 2K 10% TKF TOP-ADJ 1-TRN	03744	3329H-EG9-202
R629	0757-0289	2	1	RESISTOR 13.3K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R701	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R703	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R704	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R705	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2

*Indicates factory-selected value

**HP Part Number 08560-60064
Frequency Control (continued)**

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R706	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R707	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R709	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R710	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R711	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R712	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R714	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R716	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R718	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R727	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R730	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R731	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R732	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
U101	1820-3964	2	1	IC PRESCR ECL	02037	MC12018P
U102	1813-0211	1	1	IC WIDEBAND AMPL TO-39	02037	MWA110
U103	1820-1888	5	1	IC PRESCR ECL	02037	MC12013P
U104	1820-1442	7	1	IC CNTR TTL/LS DECD ASYNCHRO	28480	1820-1442
U105	1820-0630	3	1	IC MISC ECL	02037	MC4044P
U106	1826-1640	9	1	IC COMPARATOR HS 8 PIN DIP-C	03406	LM360J
U107	1826-0285	6	1	IC V RGLTR-FXD-NEG -4.8/-5.2V 3-TO-92	02037	MC79L05ACP
U108	1826-0276	5	1	IC V RGLTR-FXD-POS 4.8/5.2V TO-92 PKG	02037	MC78L05ACP
U109	1826-1175	5	1	IC WIDEBAND AMPL VID 10 PIN TO-100	03406	LM733H
U110	1820-3405	6	1	IC MISC CMOS 4-BIT	02037	MC145146P
U111	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U112	1826-0791	9	1	SAMPLE AND HOLD 8 -DIP-P	03406	LF398N
U113	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U114	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U115	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U116	1826-1361	1	1	ANALOG SWITCH 4 SPST 16 -DIP-P	02883	DG212CJ
U117	0955-0113	1	1	U-WAVE MIXER 1 GHZ MAX	02739	TFM-2-38
U118	1813-0212	2	1	IC WIDEBAND AMPL TO-39	02037	MWA120
U119	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U120	1826-0890	9	1	IC OP AMP GP DUAL 8 PIN DIP-P	03406	LM358AN
U121	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U122	1826-0890	9	1	IC OP AMP GP DUAL 8 PIN DIP-P	03406	LM358AN

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Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
U123	1813-0211	1	1	IC WIDEBAND AMPL TO-39	02037	MWA110
U124	1820-3405	6	1	IC MISC CMOS 4-BIT	02037	MC145146P
U125	1826-0276	5	1	IC V RGLTR-FXD-POS 4.8/5.2V TO-92 PKG	02037	MC78L05ACP
U126	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U127	1820-3646	7	1	IC PRESCR ECL	02037	MC12015P
U128	1813-0211	1	1	IC WIDEBAND AMPL TO-39	02037	MWA110
U201	1813-0212	2	1	IC WIDEBAND AMPL TO-39	02037	MWA120
U202	1820-0920	4	1	IC RCVR ECL LINE RCVR QUAD 2-INP	02037	MC1692L
U203	1820-3485	2	1	IC PRESCR ECL	02037	MC12090P
U204	1820-1344	8	1	IC MISC ECL	02037	MC12040L
U205	1820-3485	2	1	IC PRESCR ECL	02037	MC12090P
U206	1810-0167	0	1	NETWORK-RES 8-SIP 330.0 OHM X 4	06252	750-83-R330
U207	1826-0371	1	1	IC OP AMP LOW-BIAS-H-IMPED 8 PIN TO-99	03406	LF256H
U301	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U302	1820-3079	0	1	IC DCDR CMOS/HC BIN 3-TO-8-LINE	28480	1820-3079
U303	1820-3079	0	1	IC DCDR CMOS/HC BIN 3-TO-8-LINE	28480	1820-3079
U304	1820-3079	0	1	IC DCDR CMOS/HC BIN 3-TO-8-LINE	28480	1820-3079
U305	1826-0605	4	1	ANALOG MULTIPLEXER 8 CHNL 16 -CERDIP	02883	DG508ABK
U306	1826-1012	9	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03799	HI1-0201-4
U307	1820-1934	2	1	D/A 8-BIT 16-CERDIP BPLR	03285	DAC-08EQ
U308	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U309	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U310	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U311	1820-4586	6	1	IC DRVR CMOS/HCT LINE OCTL	28480	1820-4586
U312	1826-1012	9	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03799	HI1-0201-4
U313	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U314	1826-2239	4	1	D/A 12-BIT 16-PLASTIC CMOS	03285	AD7542KN
U315	1826-2239	4	1	D/A 12-BIT 16-PLASTIC CMOS	03285	AD7542KN
U316	1826-2239	4	1	D/A 12-BIT 16-PLASTIC CMOS	03285	AD7542KN
U317	1826-0811	4	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03285	SW-01FQ
U318	1826-0811	4	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03285	SW-01FQ
U319	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U320	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U321	1826-0367	5	1	IC V RGLTR-FXD-POS 4.8/5.2V TO-39 PKG	03406	LM78M05CH
U322	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ

HP Part Number 08560-60064
Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
U323	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U324	1826-1361	1	1	ANALOG SWITCH 4 SPST 16 -DIP-P	02883	DG212CJ
U325	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMP DUAL 8 PIN	02037	MC34002BU
U326	1826-1361	1	1	ANALOG SWITCH 4 SPST 16 -DIP-P	02883	DG212CJ
U327	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U328	1826-1116	4	1	IC OP AMP GP QUAD 14 PIN DIP-P	02290	RC4156DB
U329	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMP DUAL 8 PIN	02037	MC34002BU
U330	1826-0932	0	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27FZ
U331	1826-0932	0	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27FZ
U332	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U333	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMP DUAL 8 PIN	02037	MC34002BU
U401	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U402	1826-1543	1	1	IC OP AMP HS DUAL 8 PIN DIP-C	02037	MC34072AU
U403	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMP DUAL 8 PIN	02037	MC34002BU
U404	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMP DUAL 8 PIN	02037	MC34002BU
U405	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U406	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U407	1810-0527	6	1	NETWORK-RES 10-SIP 1.6K OHM X 9	02483	750-101-R1.6K
U408	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U409	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U410	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMP DUAL 8 PIN	02037	MC34002BU
U411	1826-0759	9	1	IC COMPARATOR GP QUAD 14 PIN DIP-C	03406	LM339J
U412	1810-1130	9	1	NETWORK-RES 8-SIP 47.0K OHM X 4	28480	1810-1130
U413	1810-0406	0	1	NETWORK-RES 8-SIP 10.0K OHM X 4	06252	750-83-R10K
U414	1826-1543	1	1	IC OP AMP HS DUAL 8 PIN DIP-C	02037	MC34072AU
U415	1826-0811	4	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03285	SW-01FQ
U416	1826-0811	4	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03285	SW-01FQ
U417	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U418	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U419	1826-1514	6	1	IC V RGLTR-V-REF-FXD 9.95/10.05V 8-DIP-P	10858	LT1021BCN8-10
U420	1820-1200	5	1	IC INV TTL/LS HEX	06347	HD74LS05P
U421	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMP DUAL 8 PIN	02037	MC34002BU
U422	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMP DUAL 8 PIN	02037	MC34002BU
U424	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMP DUAL 8 PIN	02037	MC34002BU
U425	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848

HP Part Number 08560-60064
Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
U426	1810-0316	1	1	NETWORK-RES 16-DIP 10.0K OHM X 8	02483	761-3-R10K
U427	1826-0759	9	1	IC COMPARATOR GP QUAD 14 PIN DIP-C	03406	LM339J
U428	1810-0406	0	1	NETWORK-RES 8-SIP 10.0K OHM X 4	06252	750-83-R10K
VR1	1902-0579	3	1	DIODE-ZNR 5.1V 5% PD=1W IR=10UA	02037	1N4733ARL
VR2	1902-0579	3	1	DIODE-ZNR 5.1V 5% PD=1W IR=10UA	02037	1N4733ARL
VR3	1902-0202	9	1	DIODE-ZNR 15V 5% PD=1W IR=5UA	02037	1N4744ARL
VR4	1902-3104	6	1	DIODE-ZNR 5.62V 5% DO-35 PD=.4W	02037	SZ30016-1
VR5	1902-0554	4	1	DIODE-ZNR 10V 5% PD=1W IR=10UA	02037	1N4740ARL
VR304	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1
VR305	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1
VR306	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1
VR307	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1
VR308	1902-3139	7	1	DIODE-ZNR 8.25V 5% DO-35 PD=.4W	02037	SZ30016-1
VR309	1902-3139	7	1	DIODE-ZNR 8.25V 5% DO-35 PD=.4W	02037	SZ30016-1
VR316	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1
VR317	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1

E-08560-60064-2	
REV	DATE
1	AS ISSUED PER PCO 53-07449


- NOTES: UNLESS OTHERWISE SPECIFIED
- DIMENSIONS ARE IN INCHES.
 - REMOVE TABS AFTER WAVE SOLDER.
 - MAXIMUM COMPONENT HEIGHT .400.
 - MAXIMUM LEAD TRIM LENGTH .118.
 - ASSURE THAT PIN #9 HAS BEEN REMOVED FROM J15, J16, J17, J18, J19, J302, J303 PRIOR TO ASSEMBLY AND MACHINE SOLDER.
 - 08560-60064 USES RAW BOARD 08562-20055. ADD LABEL MP16 TO MAKE DISTINCTION.

DETAIL A
LIFT INPUT LEAD (PIN 3) OF U125
PRIOR TO ADDING R175

DETAIL B
1. LIFT PINS 7,8 FROM U101 PRIOR TO ADDING C390
2. INSERT MP18 THRU U101 PIN 8 HOLE IN BOARD
3. SOLDER MP18 TO C390 LEAD AS SHOWN

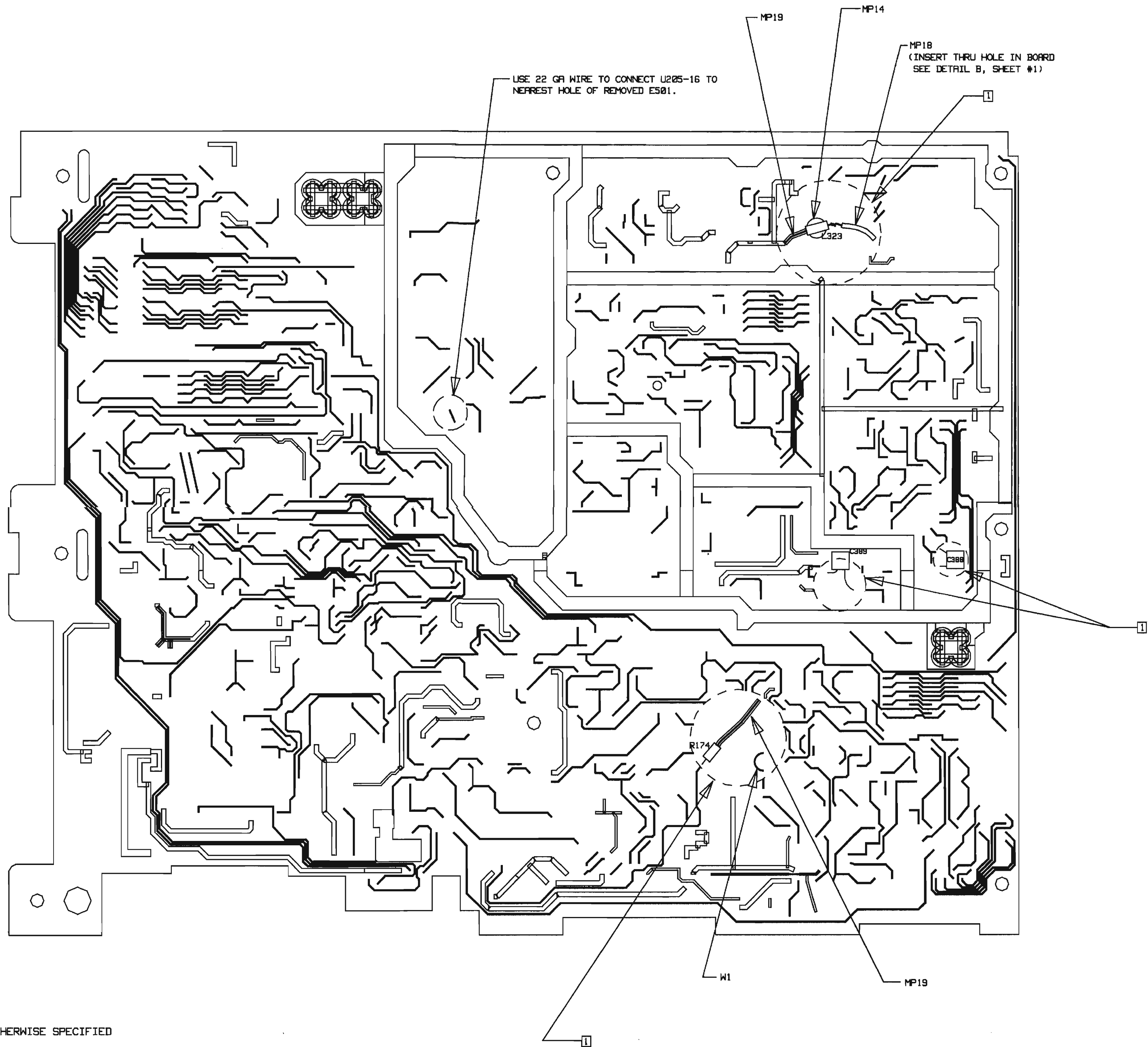
DETAIL C
SCALE: NONE

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UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.	DESIGNED BY	DATE	BOARD ASSEMBLY- FREQUENCY CONTROL		 08560-60064
	DESIGNED/CHECKED				
TOLERANCES: .XX XXX ±.015	RELAYED TO PROD.		TITLE		NOTE NUMBER
SEE COPY, STD. 888	SUPPLEMENTAL		NOTE SCALE	1 2 DATE	E-08560-60064-2

SEE 08560-60064 MATERIAL LIST

E-08560-60064-2		REVISED	
SYM	REVISIONS	APPROVED	DATE
R	AS ISSUED PER PCO 53-07449		



NOTES: UNLESS OTHERWISE SPECIFIED
1 C388, C389, R174, L323 LOCATED ON THE BOTTOM SIDE OF BOARD

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.	DRAWN BY	DATE	BOARD ASSEMBLY FREQUENCY CONTROL		 HEWLETT PACKARD
	ENGINEER/CHECKER				
TOLERANCES: .XX, .XXX & .MIL	RELEASED TO PROD.		TITLE		08560-60064
SEE COMP. STD. 888	SUPERVISOR INCH.		NONE	2 OF 2	E-08560-60064-2
			SCALE	BLANK	

SYM	REVISIONS	APPROVED	DATE
A	AS ISSUED PER PCO 53-07449	DC	
B	PER PCO 53-07344	DC	

J1	PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
	1	NC		
	2	NC		
	3	NC		
	4	NC		
	5	NC		
	6	NC		
	7	NC		
	8	NC		
	9	NC		
	10	NC		
	11	NC		
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	50	NC		

J2	PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
	1	NC		
	2	NC		
	3	NC		
	4	NC		
	5	NC		
	6	NC		
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	46	NC		
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	49	NC		
	50	NC		

J3 EYO	PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
	1	NC		
	2	NC		
	3	NC		
	4	NC		
	5	NC		
	6	NC		
	7	NC		
	8	NC		
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	41	NC		
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	50	NC		

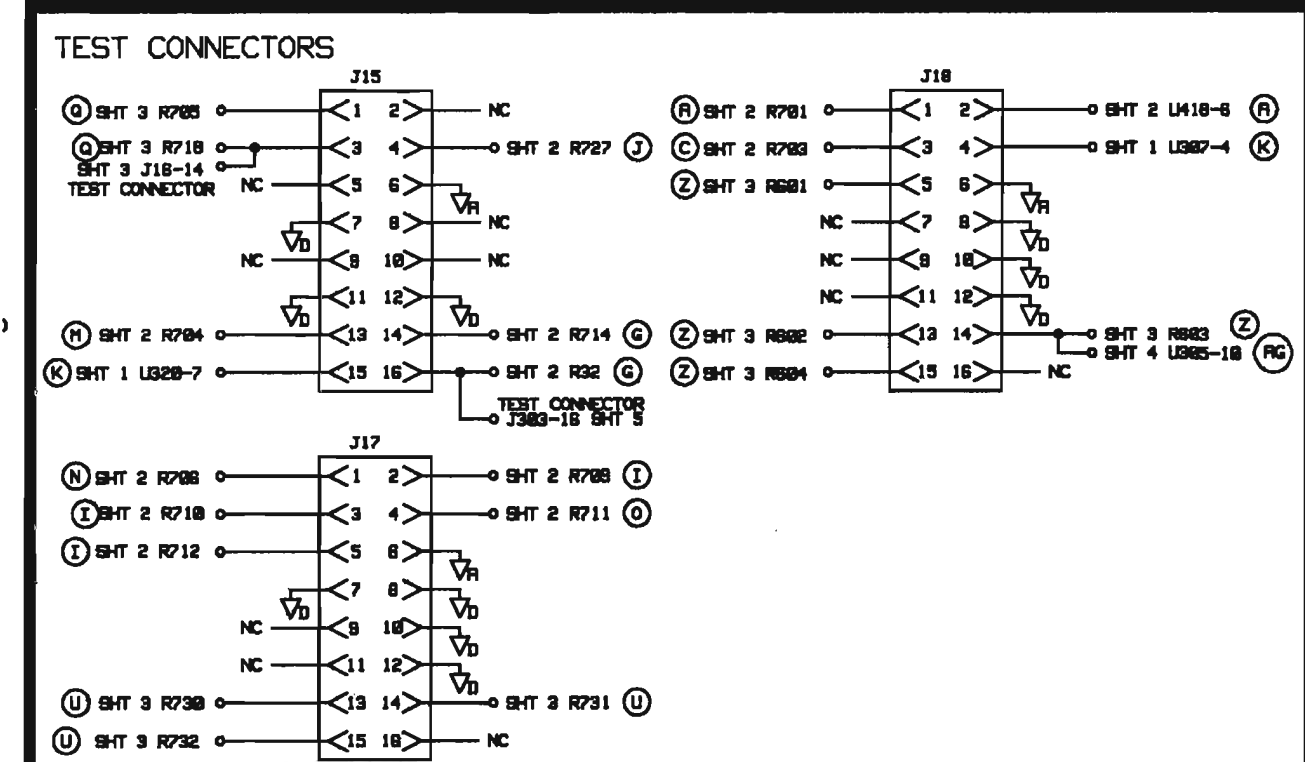
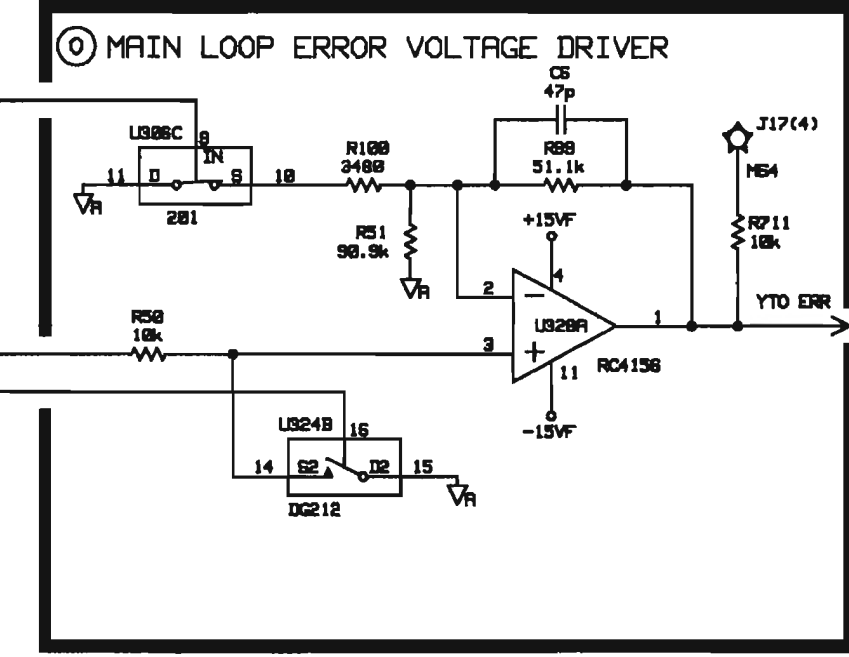
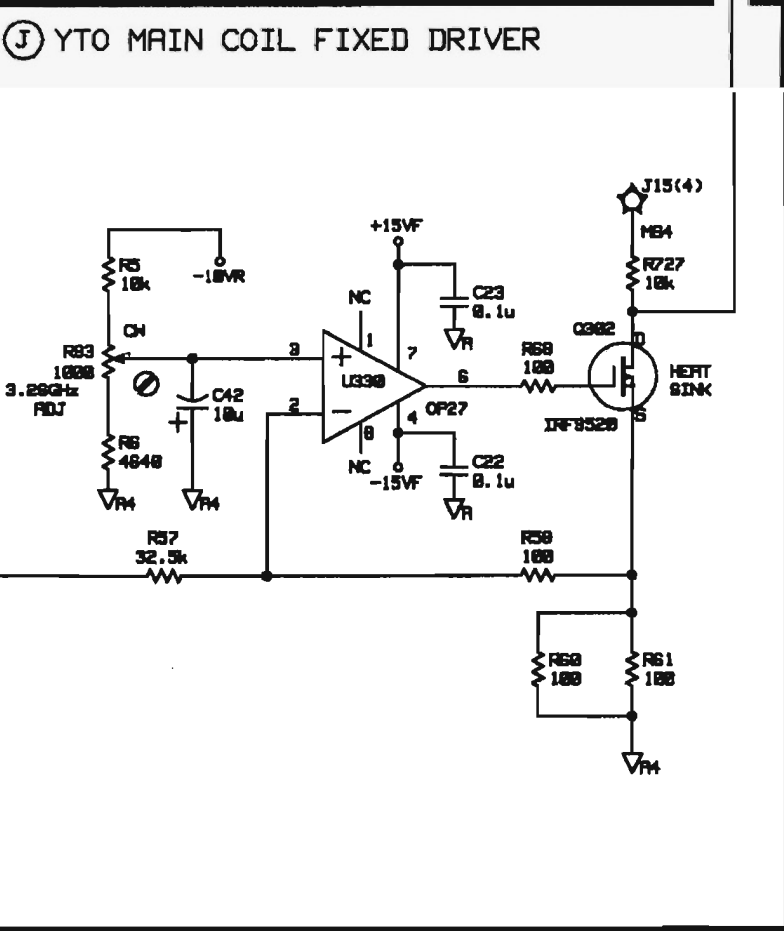
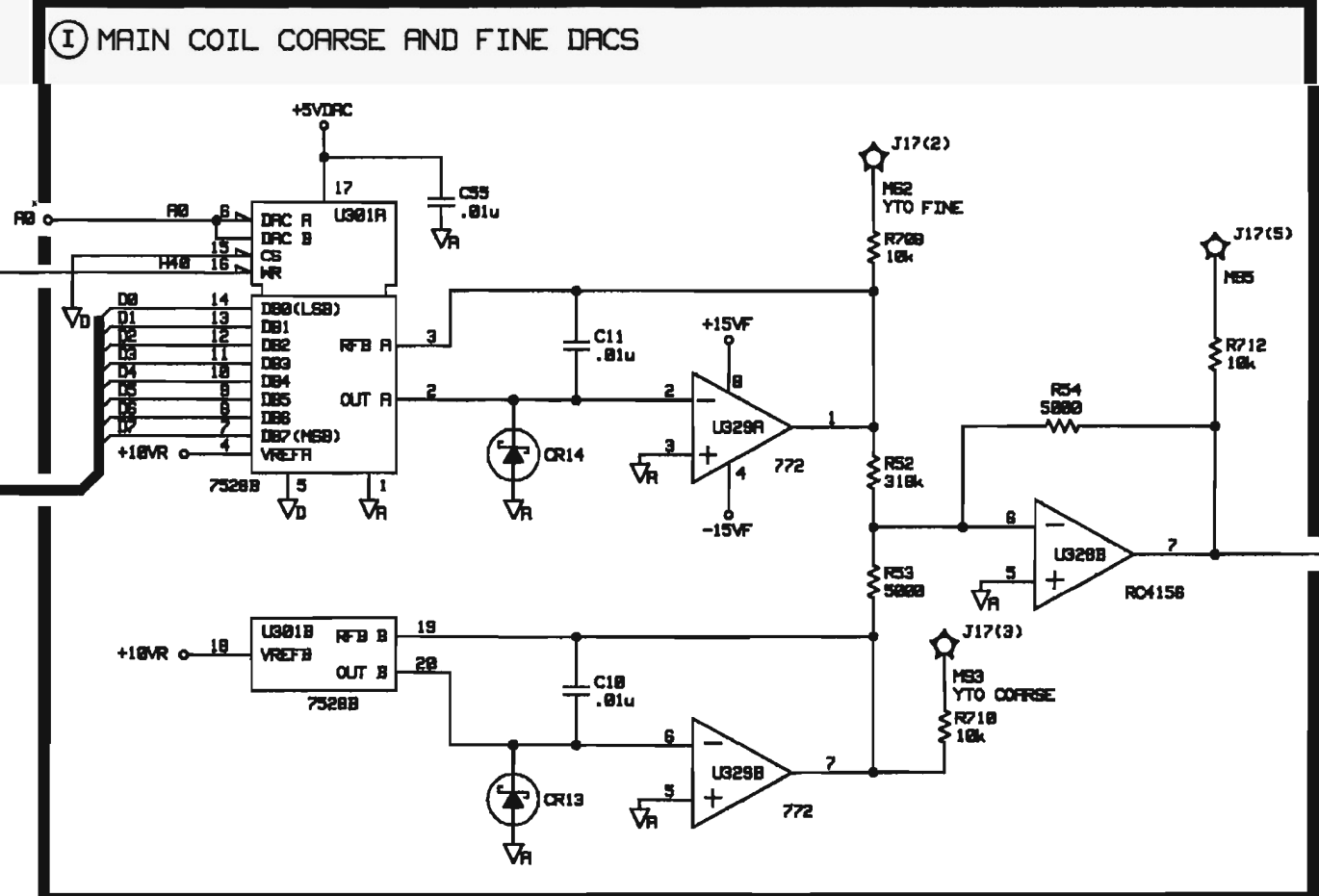
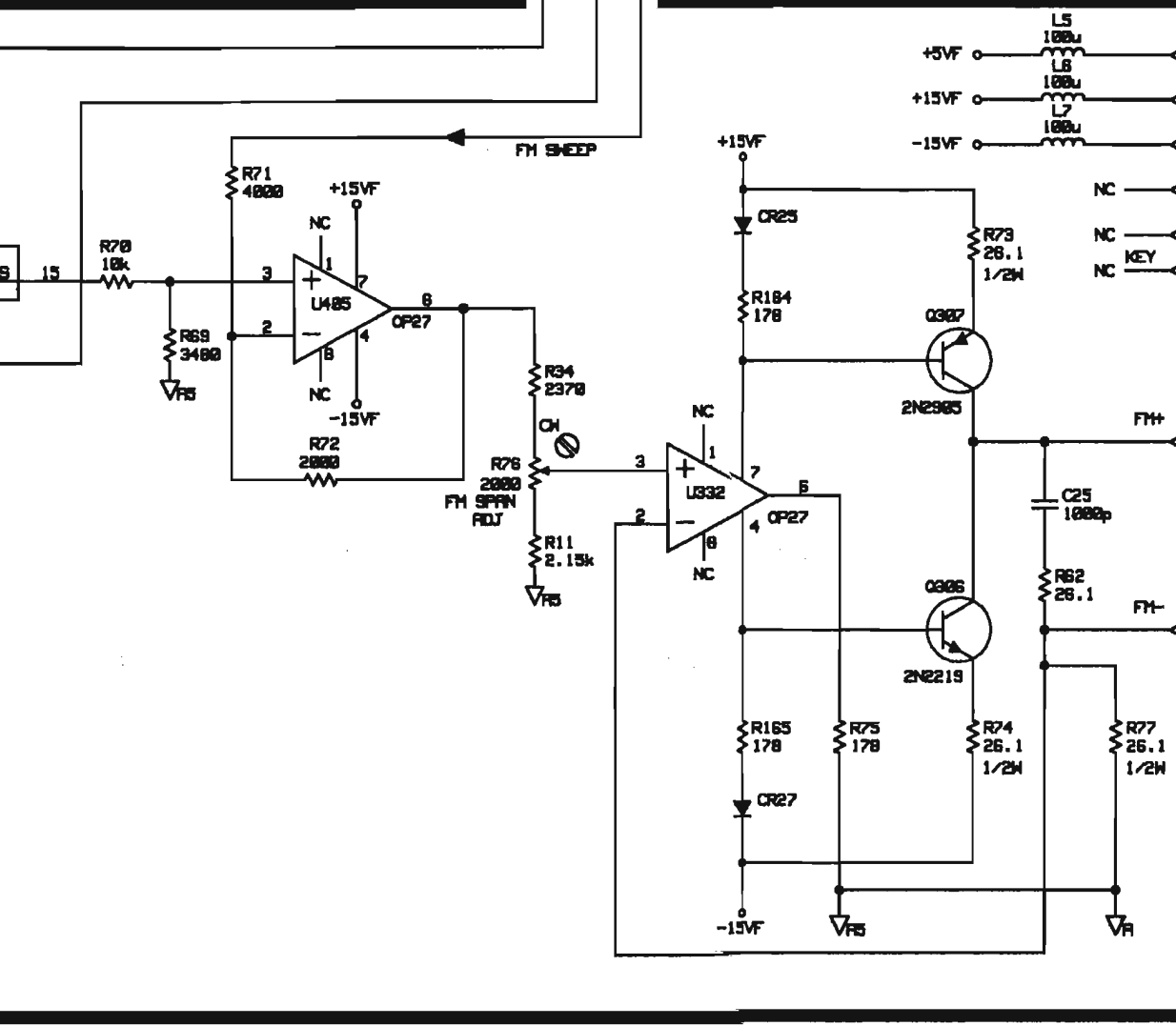
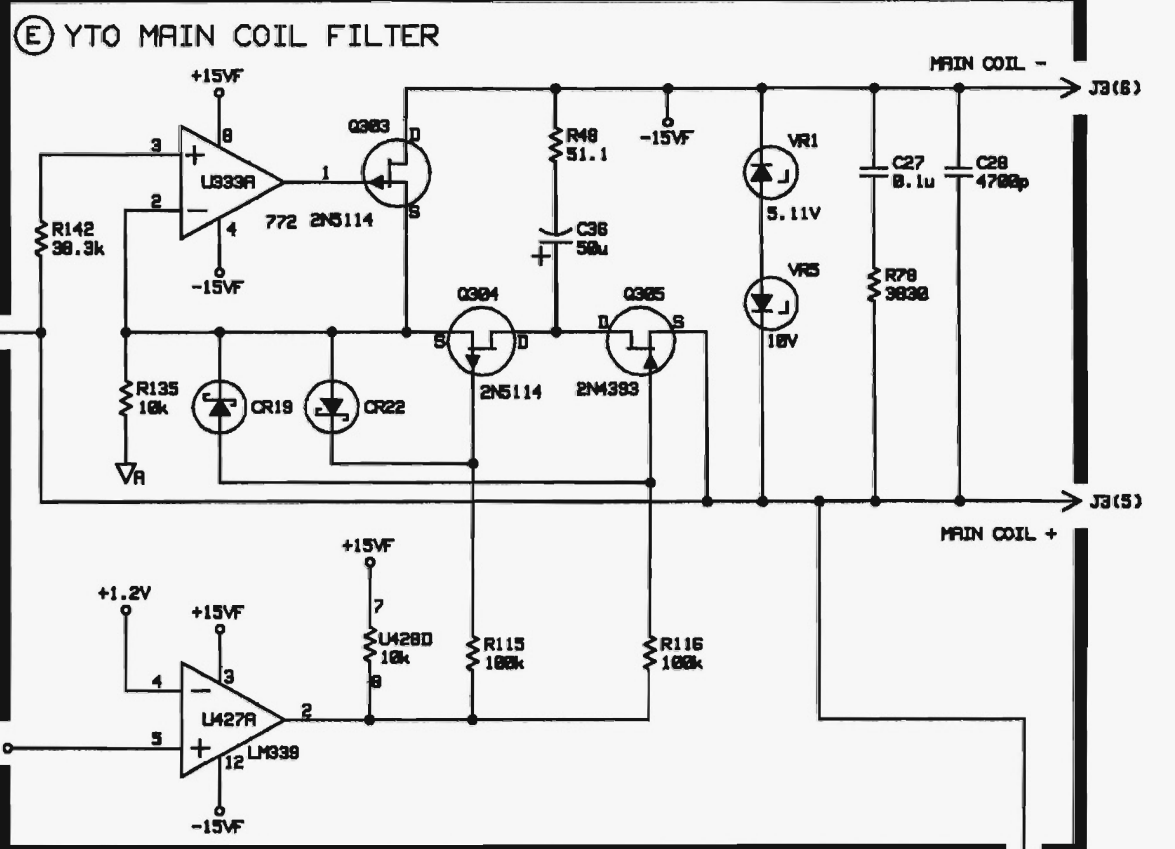
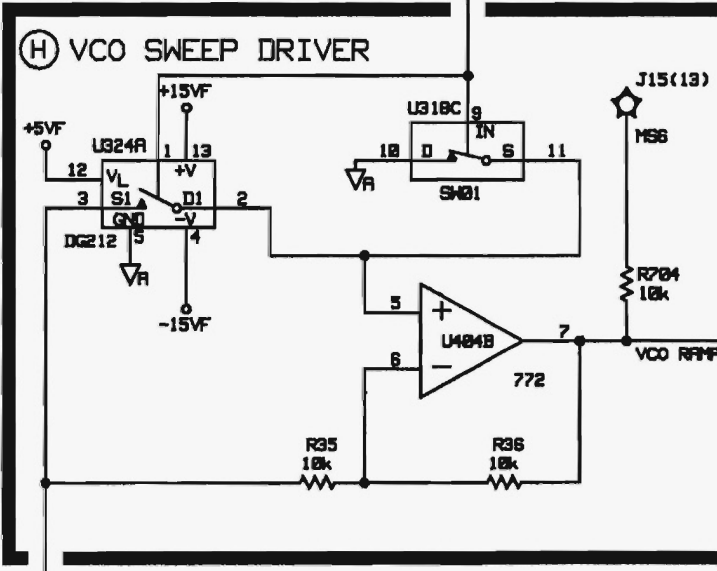
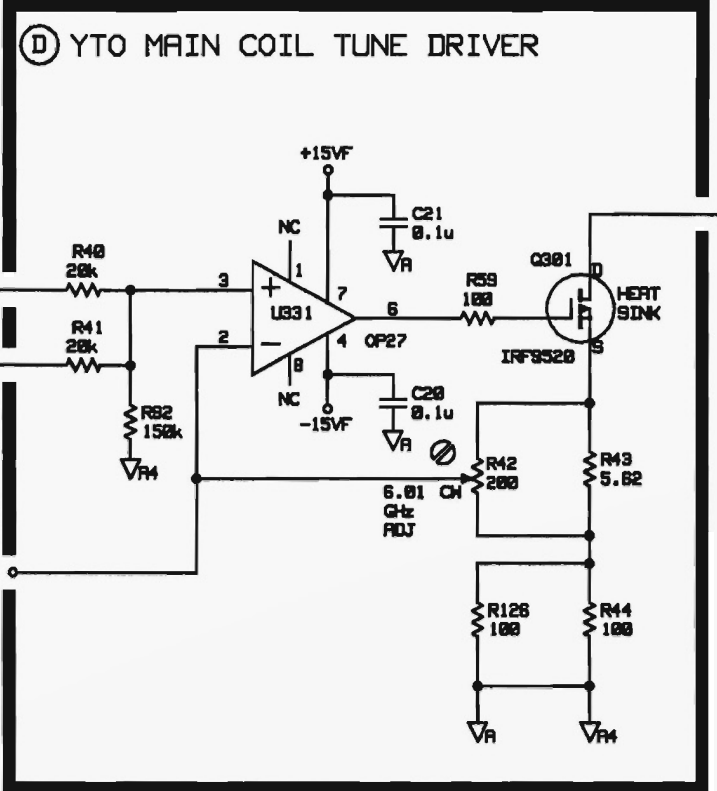
J6 ATTENUATOR	PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
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	50	NC		


J10 LODR	PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
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J12 2ND CONVERTER	PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
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	50	NC		

J11 DUAL MIXER (NOT USED)	PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
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	2	NC		
	3	NC		
	4	NC		
	5	NC		
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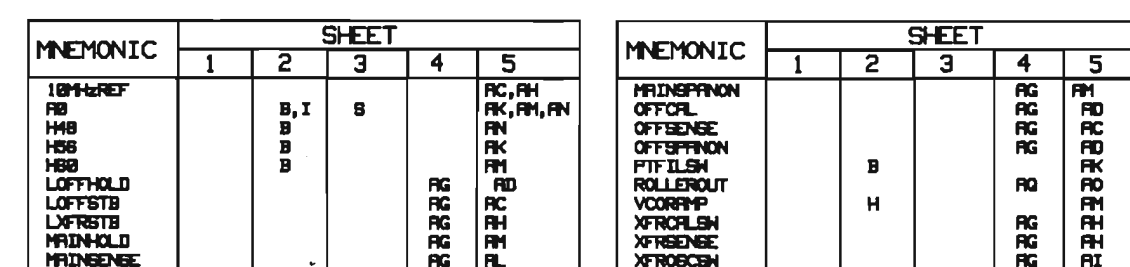
J13 OPTION DRIVE				
PIN	SIGNAL	TO/FROM	FUNCTION BLOCK	
1	+15V		3	U
2	0V		3	U
3	-15V		3	U
4	OSC PHR		3	U
5	TUNE +		3	U
6	PLC MON		3	U
7	PLC		3	U
8	POWER LVL		3	U
9	SAFE		3	U
10	PLC EXT		3	U



ITEM	QTY.	PART/MATERIAL-DESCRIPTION	NAT'L-PART NO.	NAT'L-IMG. NO.	NAT'L-SPEC.
DRAWN BY		DATE	 HEWLETT PACKARD		
ENGINEER/CHECKER					
RELEASE TO PROD.					
SUPERSEDES IMG.					
BOARD ASSEMBLY- FREQUENCY CONTROL (SCHEMATIC)			PART NUMBER 08560-60064		
FILE NO. 00410 SCALE NONE SHEET 2 OF 5			D -08560-60064-1		

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Component-Level Information Packet for 08560-60065

Frequency Control



**HP Part No. 08560-90080
Printed in USA June 1992**

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HP Part Number 08560-60065
Frequency Control

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
A101	5062-7717	7	1		28480	5062-7717
A102	5062-8280	1	1		28480	5062-8280
A103	5062-7716	6	1		28480	5062-7716
C1	0180-3846	0	1	CAP-FXD 15uF +10% 25 V TA	04200	299D156X9025DB1
C2	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C3	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C4	0180-3831	3	1	CAP-FXD 10uF +10% 35 V TA	04200	299D106X9035DB1
C5	0180-3831	3	1	CAP-FXD 10uF +10% 35 V TA	04200	299D106X9035DB1
C6	0160-4805	1	1	CAP-FXD 47pF +5% 100 V CER C0G	09939	RPA10C0G470J100V
C7	0180-3831	3	1	CAP-FXD 10uF +10% 35 V TA	04200	299D106X9035DB1
C8	0180-3850	6	1	CAP-FXD 68uF +10% 10 V TA	04200	299D686X9010DB1
C9	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C10	0160-4554	7	1	CAP-FXD 0.01uF +20% 50 V CER X7R	09939	RPA10X7R103M50V
C11	0160-4554	7	1	CAP-FXD 0.01uF +20% 50 V CER X7R	09939	RPA10X7R103M50V
C12	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C13	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C14	0160-3402	2	1	CAP-FXD 1uF +5% 50 V POLYC-MET	13171	
C15	0160-5201	3	1	CAP-FXD 0.01uF +1% 200 V POLYC-MET	13171	
C16	0160-6326	5	1	CAP-FXD 1060pF +1% 50 V POLYC-MET	13171	
C17	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C18	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C20	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C21	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C22	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C23	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C25	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C27	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C28	0160-4831	3	1	CAP-FXD 4700pF +10% 100 V CER X7R	09939	RPA10X7R472K100V
C31	0160-0298	8	1	CAP-FXD 1500pF +10% 200 V POLYE-FL	02367	WMC2D15
C32	0160-5422	0	1	CAP-FXD 0.047uF +20% 50 V CER X7R	09939	RPA20X7R473M50V
C33	0160-5422	0	1	CAP-FXD 0.047uF +20% 50 V CER X7R	09939	RPA20X7R473M50V
C36	0180-0058	0	1	CAP-FXD 47uF +20% 25 V AL-ELCTLT	28480	0180-0058
C37	0180-3850	6	1	CAP-FXD 68uF +10% 10 V TA	04200	299D686X9010DB1
C38	0160-4808	4	1	CAP-FXD 470pF +5% 100 V CER C0G	09939	RPA10C0G471J100V
C39	0160-4808	4	1	CAP-FXD 470pF +5% 100 V CER C0G	09939	RPA10C0G471J100V

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Frequency Control (continued)

Reference Designator	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
C40	0160-4554	7	1	1	CAP-FXD 0.01uF +20% 50 V CER X7R	09939	RPA10X7R103M50V
C41	0180-3771	0	1	1	CAP-FXD 1uF +10% 35 V TA	04200	299D105X9035AB1
C42	0180-3831	3	1	1	CAP-FXD 10uF +10% 35 V TA	04200	299D106X9035DB1
C43	0160-4832	4	1	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C44	0160-4832	4	1	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C45	0160-4832	4	1	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C46	0160-4832	4	1	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C47	0160-4832	4	1	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C48	0160-4832	4	1	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C49	0160-4832	4	1	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C50	0160-4832	4	1	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C51	0160-4832	4	1	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C53	0160-4832	4	1	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C55	0160-4832	4	1	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C56	0160-4832	4	1	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C57	0160-4832	4	1	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C58	0160-4832	4	1	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C59	0160-4832	4	1	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C62	0160-4801	7	1	1	CAP-FXD 100pF +5% 100 V CER C0G	09939	RPA10C0G101J100V
C63	0160-4801	7	1	1	CAP-FXD 100pF +5% 100 V CER C0G	09939	RPA10C0G101J100V
C64	0160-4832	4	1	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C66	0160-4791	4	1	1	CAP-FXD 10pF +5% 100 V CER C0G	09939	RPA10C0G100D100
C201	0180-0500	7	1	1	CAP-FXD 47uF +20% 20 V TA	04200	199D1114
C302	0180-4003	3	1	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C303	0160-4830	2	1	1	CAP-FXD 2200pF +10% 100 V CER X7R	09939	RPA10X7R222K100V
C304	0160-4833	5	1	1	CAP-FXD 0.022uF +10% 100 V CER X7R	09939	RPA20X7R222K100V
C305	0160-4832	4	1	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C306	0160-4832	4	1	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C307	0160-4833	5	1	1	CAP-FXD 0.022uF +10% 100 V CER X7R	09939	RPA20X7R222K100V
C308	0160-4830	2	1	1	CAP-FXD 2200pF +10% 100 V CER X7R	09939	RPA10X7R222K100V
C309	0180-4003	3	1	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C310	0160-4233	9	1	1	CAP-FXD 0.47uF +5% 50 V POLYC-MET	13171	
C312	0160-4832	4	1	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C313	0160-4801	7	1	1	CAP-FXD 100pF +5% 100 V CER C0G	09939	RPA10C0G101J100V
C315	0180-4003	3	1	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003

**Indicates factory-selected value*

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Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C316	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C317	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C318	0160-4814	2	1	CAP-FXD 150pF +5% 100 V CER C0G	09939	RPA10C0G151J100V
C320	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C321	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C322	0160-4040	6	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C323	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C324	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C325	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C326	0160-4801	7	1	CAP-FXD 100pF +5% 100 V CER C0G	09939	RPA10C0G101J100V
C327	0160-4846	0	1	CAP-FXD 1500pF +5% 100 V CER C0G	09939	RPA20COG152J100VPT
C328	0160-4814	2	1	CAP-FXD 150pF +5% 100 V CER C0G	09939	RPA10C0G151J100V
C329	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C330	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C331	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C332	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C333	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C334	0160-4814	2	1	CAP-FXD 150pF +5% 100 V CER C0G	09939	RPA10C0G151J100V
C335	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C336	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C337	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C338	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C339	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C340	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C341	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C342	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C343	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C344	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C345	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C346	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C347	0160-4830	2	1	CAP-FXD 2200pF +10% 100 V CER X7R	09939	RPA10X7R222K100V
C348	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C349	0160-4804	0	1	CAP-FXD 56pF +5% 100 V CER C0G	09939	RPA10COG560J100
C350	0160-4804	0	1	CAP-FXD 56pF +5% 100 V CER C0G	09939	RPA10COG560J100
C351	0160-4814	2	1	CAP-FXD 150pF +5% 100 V CER C0G	09939	RPA10C0G151J100V

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Frequency Control (continued)**

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C352	0160-4814	2	1	CAP-FXD 150pF +5% 100 V CER C0G	09939	RPA10C0G151J100V
C353	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C354	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C355	0160-3661	5	1	CAP-FXD 0.1uF +5% 50 V POLYC-MET	13171	
C356	0160-4574	1	1	CAP-FXD 1000pF +10% 100 V CER X7R	09939	RPA10X7R102K100V
C357	0160-4807	3	1	CAP-FXD 33pF +5% 100 V CER C0G	09939	RPA10COG330J100
C358	0160-4805	1	1	CAP-FXD 47pF +5% 100 V CER C0G	09939	RPA10C0G470J100V
C359	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C360	0160-4791	4	1	CAP-FXD 10pF +5% 100 V CER C0G	09939	RPA10C0G100D100
C361	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C362	0160-4786	7	1	CAP-FXD 27pF +5% 100 V CER C0G	09939	RPA10COG270J100
C363	0160-4233	9	1	CAP-FXD 0.47uF +5% 50 V POLYC-MET	13171	
C364	0180-3771	0	1	CAP-FXD 1uF +10% 35 V TA	04200	299D105X9035AB1
C365	0160-3878	6	1	CAP-FXD 1000pF +20% 100 V CER X7R	09939	RPE121-105X7R102M100V
C369	0160-4830	2	1	CAP-FXD 2200pF +10% 100 V CER X7R	09939	RPA10X7R222K100V
C379	0180-3845	9	1	CAP-FXD 4.7uF +10% 35 V TA	04200	299D475X9035CB1
C380	0160-4574	1	1	CAP-FXD 1000pF +10% 100 V CER X7R	09939	RPA10X7R102K100V
C383	0160-4805	1	1	CAP-FXD 47pF +5% 100 V CER C0G	09939	RPA10C0G470J100V
C384	0160-4371	6	1	CAP-FXD 680pF +5% 100 V CER C0G	09939	RPE121-105C0G681J100V
C385	0160-4812	0	1	CAP-FXD 220pF +5% 100 V CER C0G	09939	RPA10C0G221J100V
C387	0160-4441	1	1	CAP-FXD 0.47uF +10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C388	0160-4441	1	1	CAP-FXD 0.47uF +10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C389	0160-4441	1	1	CAP-FXD 0.47uF +10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C390	0160-4441	1	1	CAP-FXD 0.47uF +10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C391	0160-4441	1	1	CAP-FXD 0.47uF +10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C392	0160-4441	1	1	CAP-FXD 0.47uF +10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C393	0160-3875	3	1	CAP-FXD 22pF +5% 200 V CER C0G	09939	RPE121-105C0G220J200V
C394	0160-4805	1	1	CAP-FXD 47pF +5% 100 V CER C0G	09939	RPA10C0G470J100V
C535	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C536	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C537	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C539	0160-4387	4	1	CAP-FXD 47pF +5% 200 V CER C0G	09939	RPE121-105COG470J200V
C540	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C541	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C542	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V

**Indicates factory-selected value*

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HP Part Number 08560-60065
Frequency Control (continued)

Reference Designator	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
C543	0160-0570	9	1	1	CAP-FXD 220pF +20% 100 V CER X7R	09939	RPE121-105X7R221M100V
C544	0160-0570	9	1	1	CAP-FXD 220pF +20% 100 V CER X7R	09939	RPE121-105X7R221M100V
C545	0160-6016	0	1	1	CAP-FXD 0.047uF +10% 100 V CER X7R	09939	RPE122X7R473K100V
C546	0160-6016	0	1	1	CAP-FXD 0.047uF +10% 100 V CER X7R	09939	RPE122X7R473K100V
C547	0160-4031	5	1	1	CAP-FXD 330pF +5% 100 V CER C0G	09939	RPE121-105C0G331J100V
C548	0160-5405	9	1	1	CAP-FXD 130pF +5% 100 V CER C0G	09939	RPA10C0G131J100V
C549	0160-4615	1	1	1	CAP-FXD 1200pF +5% 100 V CER C0G	09939	RPE121-105C0G122J100V
C550	0160-3879	7	1	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C551	0160-4040	6	1	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C552	0160-3879	7	1	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C554	0160-4497	7	1	1	CAP-FXD 82pF +5% 200 V CER C0G	09939	RPE121-105C0G820J200V
C556	0160-3879	7	1	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C557	0160-4040	6	1	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C558	0160-3879	7	1	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C560	0160-3875	3	1	1	CAP-FXD 22pF +5% 200 V CER C0G	09939	RPE121-105C0G220J200V
C561	0160-6723	6	1	1	CAP-FXD 75pF +5% 200 V CER C0G	09939	RPE121-105C0G750J200V
C562	0160-4521	8	1	1	CAP-FXD 12pF +5% 200 V CER C0G	09939	RPE121-105C0G120J200V
C563	0160-4497	7	1	1	CAP-FXD 82pF +5% 200 V CER C0G	09939	RPE121-105C0G820J200V
C564	0160-4524	1	1	1	CAP-FXD 24pF +5% 200 V CER C0G	09939	RPE121-105C0G240J200V
C580	0160-4040	6	1	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C581	0160-4040	6	1	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C582	0160-4040	6	1	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C589	0160-3874	2	1	1	CAP-FXD 10pF +5% 200 V CER C0G	09939	RPE121-105C0G100D200V
C590	0160-4040	6	1	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C591	0160-4031	5	1	1	CAP-FXD 330pF +5% 100 V CER C0G	09939	RPE121-105C0G331J100V
C592	0160-4497	7	1	1	CAP-FXD 82pF +5% 200 V CER C0G	09939	RPE121-105C0G820J200V
C601	0180-3831	3	1	1	CAP-FXD 10uF +10% 35 V TA	04200	299D106X9035DB1
C602	0160-4084	8	1	1	CAP-FXD 0.1uF +20% 50 V CER X7R	09939	RPE122-139X7R104M50V
C603	0160-4819	7	1	1	CAP-FXD 2200pF +5% 100 V CER C0G	09939	RPA30C0G222J100VPT
C604	0160-4389	6	1	1	CAP-FXD 100pF +5% 200 V CER C0G	09939	RPE121-105C0G101J200V
C606	0160-4387	4	1	1	CAP-FXD 47pF +5% 200 V CER C0G	09939	RPE121-105C0G470J200V
CR1	1901-0880	7	1	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03
CR2	1901-0880	7	1	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03
CR3	1901-0880	7	1	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03
CR4	1901-0880	7	1	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03

HP Part Number 08560-60065
Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
CR5	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	FDH5323.03
CR6	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	
CR7	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR9	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR11	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR12	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR13	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR14	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR15	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR16	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR17	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR18	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR19	1901-0518	8	1	DIODE-SCHOTTKY SM SIG	02062	5082-5509
CR21	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	5082-5509
CR22	1901-0518	8	1	DIODE-SCHOTTKY SM SIG	02062	
CR23	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR24	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	5082-5580
CR25	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR27	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR302	1901-1097	0	1	DIODE-PIN	02062	
CR303	1901-1097	0	1	DIODE-PIN	02062	5082-5580
CR304	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03
CR305	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03
CR601	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	2743001112
E503	9170-1366	3	1	CORE-SHIELDING BEAD	03827	
E504	9170-1366	3	1	CORE-SHIELDING BEAD	03827	
E505	9170-1366	3	1	CORE-SHIELDING BEAD	03827	
E506	9170-0029	3	1	CORE-SHIELDING BEAD	04822	
E507	9170-1366	3	1	CORE-SHIELDING BEAD	03827	
E508	9170-1366	3	1	CORE-SHIELDING BEAD	03827	
J1	1252-1064	4	1	CONN-POST TYPE .100-PIN-SPCG 50-CONT	01380	1-746878-0
J2	1252-1064	4	1	CONN-POST TYPE .100-PIN-SPCG 50-CONT	01380	1-746878-0
J3	1252-2007	7	1	CONN-POST TYPE .100-PIN-SPCG 9-CONT	02946	68451-125
J6	1252-2221	7	1	CONN-POST TYPE .100-PIN-SPCG 10-CONT	02946	69155-110
J7	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	07247	59S213-40TD3

**Indicates factory-selected value*

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HP Part Number 08560-60065
Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
J10	1252-2041	9	1	CONN-POST TYPE .100-PIN-SPCG 7-CONT	01380	644219-1
J11	1252-0523	8	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	01380	641216-3
J12	1252-2008	8	1	CONN-POST TYPE .100-PIN-SPCG 9-CONT	02946	68451-124
J13	1252-2028	2	1	CONN-POST TYPE .100-PIN-SPCG 10-CONT	04726	2510-5022UB
J14	1251-5033	3	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	02946	68001-603
J15	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J16	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J17	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J18	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J19	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J23	1251-5033	3	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	02946	68001-603
J301	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	07247	59S213-40TD3
J302	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J303	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J304	1250-0257	1	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	28480	1250-0257
J501	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	07247	59S213-40TD3
L1	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
L2	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
L3	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
L4	9100-0539	3	1	INDUCTOR RF-CH-MLD 10UH +5%	03706	21001M-5%
L5	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +5%	05826	1537-76
L6	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +5%	05826	1537-76
L7	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +5%	05826	1537-76
L8	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +5%	05826	1537-76
L201	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +5%	05826	1537-76
L301	9140-0158	6	1	INDUCTOR RF-CH-MLD 1UH +10%	03706	1A1002M +10%
L302	9100-2256	5	1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%
L303	9140-0400	1	1	INDUCTOR RF-CH-MLD 8.2UH +5%	03706	28202M-5%
L304	9100-2261	2	1	INDUCTOR RF-CH-MLD 2.7UH +10%	05826	1025-30
L305	9140-0400	1	1	INDUCTOR RF-CH-MLD 8.2UH +5%	03706	28202M-5%
L306	9100-2261	2	1	INDUCTOR RF-CH-MLD 2.7UH +10%	05826	1025-30
L307	9100-2891	4	1	INDUCTOR RF-CH-MLD 50NH +10%	03706	6-02729
L308	9135-0078	8	1	INDUCTOR RF-CH-MLD 82NH +5.61%	02172	
L309	9135-0071	1	1	INDUCTOR RF-CH-MLD 62NH +5.806%	02172	
L310	9140-0158	6	1	INDUCTOR RF-CH-MLD 1UH +10%	03706	1A1002M +10%

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Frequency Control (continued)**

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
L311	9140-0158	6	1	INDUCTOR RF-CH-MLD 1UH +10%	03706	1A1002M +10%
L313	9100-2256	5	1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%
L314	9100-2247	4	1	INDUCTOR RF-CH-MLD 100NH +10%	03706	1A1003M+10%
L315	9100-2247	4	1	INDUCTOR RF-CH-MLD 100NH +10%	03706	1A1003M+10%
L316	9100-2261	2	1	INDUCTOR RF-CH-MLD 2.7UH +10%	05826	1025-30
L321	9100-2256	5	1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%
L322	9100-2256	5	1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%
L323	9100-2252	1	1	INDUCTOR RF-CH-MLD 270NH +10%	03706	1A2703M+10%
L512	9100-1788	6	1	CORE-FERRITE CHOKE-WIDEBAND;IMP:>680	11212	LB2/2.5ZB
L541	9140-0565	9	1	INDUCTOR RF-CH-MLD 43UH +5%	03706	6-02782
L560	9100-3314	8	1	INDUCTOR RF-CH-MLD 150NH +5%	03706	21503M-5%
L561	9100-2891	4	1	INDUCTOR RF-CH-MLD 50NH +10%	03706	6-02729
L562	9140-0450	1	1	INDUCTOR RF-CH-MLD 270NH +5%	03706	22703M-5%
L563	9100-2891	4	1	INDUCTOR RF-CH-MLD 50NH +10%	03706	6-02729
L564	9100-3314	8	1	INDUCTOR RF-CH-MLD 150NH +5%	03706	21503M-5%
L601	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
MP2	1205-0719	5	2	HEAT SINK SGL SPCL-HOLE-PATT	05792	7-374S4-1-M01-BA
MP4	1205-0011	0	2	HEAT SINK TO-5/TO-39-CS	05792	TXBF-032-025B
MP5	1200-0173	5	3	INSULATOR-XSTR DAP-GL	02210	A-10001 DAP
MP7	3030-0133	8	3	SCREW-SKT HD CAP 6-32 .25-IN-LG SST	04418	
MP8	5021-6733	9	1		28480	5021-6733
MP9	5021-6734	0	1		28480	5021-6734
MP10	0340-1173	2	1	INSULATOR 0.015 IN THK G-10 MATERIAL	02739	B14-047-02
MP11	1258-0141	8	2	JUMPER-REMOVABLE FOR 0.025 IN SQ PINS	02946	65474-004
Q101	1855-0555	4	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	02883	VN0300L
Q102	1855-0241	5	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-72 SI	02883	SD215DE
Q103	1855-0555	4	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	02883	VN0300L
Q104	1855-0241	5	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-72 SI	02883	SD215DE
Q105	1855-0555	4	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	02883	VN0300L
Q106	1855-0280	2	1	TRANSISTOR J-FET N-CHAN D-MODE TO-92 SI	02883	E107
Q301	1855-0509	8	1	TRANSISTOR MOSFET P-CHAN E-MODE TO-220	03038	IRF9520
Q302	1855-0509	8	1	TRANSISTOR MOSFET P-CHAN E-MODE TO-220	03038	IRF9520
Q303	1855-0421	3	1	TRANSISTOR J-FET 2N5114 P-CHAN D-MODE	02883	2N5114
Q304	1855-0421	3	1	TRANSISTOR J-FET 2N5114 P-CHAN D-MODE	02883	2N5114
Q305	1855-0414	4	1	TRANSISTOR J-FET 2N4393 N-CHAN D-MODE	02883	2N4393

**Indicates factory-selected value*

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HP Part Number 08560-60065
Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
Q306	1854-0637	1	1	TRANSISTOR NPN 2N2219A SI TO-5 PD=800MW	02037	2N2219A
Q307	1853-0314	9	1	TRANSISTOR PNP 2N2905A SI TO-39 PD=400MW	02037	2N2905A
Q308	1854-0477	7	1	TRANSISTOR NPN 2N2222A SI TO-18 PD=500MW	02037	2N2222A
Q310	1853-0281	9	1	TRANSISTOR PNP 2N2907A SI TO-18 PD=400MW	02037	2N2907A
Q311	1855-0522	5	1	TRANSISTOR MOSFET P-CHAN E-MODE SI	03038	IRFD9120
Q401	1853-0213	7	1	TRANSISTOR PNP 2N4236 SI TO-5 PD=1W	02037	2N4236
R1	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+100	05524	CMF-55-1
R2	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+100	05524	CMF-55-1
R3	0757-0401	0	1	RESISTOR 100 +1% .125W TF TC=0+100	05524	CMF-55-1
R5	0699-0642	7	1	RESISTOR 10K +0.1% .1W TF TC=0+5	05524	PTF-56-7
R6	0699-0533	5	1	RESISTOR 4.64K +0.1% .125W TF TC=0+25	01074	H8
R7	0698-8824	1	1	RESISTOR 562K +1% .125W TF TC=0+100	01074	H8
R8	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+100	05524	CMF-55-1
R9	0757-0279	0	1	RESISTOR 3.16K +1% .125W TF TC=0+100	05524	CMF-55-1
R10	0698-3450	9	1	RESISTOR 42.2K +1% .125W TF TC=0+100	05524	CMF-55-1
R11	0698-0084	9	1	RESISTOR 2.15K +1% .125W TF TC=0+100	05524	CMF-55-1
R12	0699-0642	7	1	RESISTOR 10K +0.1% .1W TF TC=0+5	05524	PTF-56-7
R13	0699-0642	7	1	RESISTOR 10K +0.1% .1W TF TC=0+5	05524	PTF-56-7
R14	0698-3442	9	1	RESISTOR 237 +1% .125W TF TC=0+100	05524	CMF-55-1
R15	0698-6322	0	1	RESISTOR 4K +0.1% .125W TF TC=0+25	05524	CMF-55-1, T-9
R16	0757-0443	0	1	RESISTOR 11K +1% .125W TF TC=0+100	05524	CMF-55-1
R17	0757-0288	1	1	RESISTOR 9.09K +1% .125W TF TC=0+100	05524	CMF-55-1
R18	0698-3153	9	1	RESISTOR 3.83K +1% .125W TF TC=0+100	05524	CMF-55-1
R19	0757-0279	0	1	RESISTOR 3.16K +1% .125W TF TC=0+100	05524	CMF-55-1
R20	0698-0083	8	1	RESISTOR 1.96K +1% .125W TF TC=0+100	05524	CMF-55-1
R21	0698-6322	0	1	RESISTOR 4K +0.1% .125W TF TC=0+25	05524	CMF-55-1, T-9
R22	0698-6322	0	1	RESISTOR 4K +0.1% .125W TF TC=0+25	05524	CMF-55-1, T-9
R23	0698-3450	9	1	RESISTOR 42.2K +1% .125W TF TC=0+100	05524	CMF-55-1
R24	0698-3460	1	1	RESISTOR 422K +1% .125W TF TC=0+100	05524	CMF-55-1
R25	0757-0200	7	1	RESISTOR 5.62K +1% .125W TF TC=0+100	05524	CMF-55-1
R26	0757-0420	3	1	RESISTOR 750 +1% .125W TF TC=0+100	05524	CMF-55-1
R27	0757-0440	7	1	RESISTOR 7.5K +1% .125W TF TC=0+100	05524	CMF-55-1
R28	0757-0465	6	1	RESISTOR 100K +1% .125W TF TC=0+100	05524	CMF-55-1
R29	0698-8824	1	1	RESISTOR 562K +1% .125W TF TC=0+100	01074	H8
R30	0757-0459	8	1	RESISTOR 56.2K +1% .125W TF TC=0+100	05524	CMF-55-1

**HP Part Number 08560-60065
Frequency Control (continued)**

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R31	0757-0465	6	1	RESISTOR 100K +1% .125W TF TC=0+-100	05524	CMF-55-1
R32	0698-6619	8	1	RESISTOR 15K +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R33	0698-6619	8	1	RESISTOR 15K +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R34	0698-3150	6	1	RESISTOR 2.37K +1% .125W TF TC=0+-100	05524	CMF-55-1
R35	0698-6360	6	1	RESISTOR 10K +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R36	0698-6360	6	1	RESISTOR 10K +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R37	0699-0642	7	1	RESISTOR 10K +0.1% .1W TF TC=0+-5	05524	PTF-56-7
R39	0699-0642	7	1	RESISTOR 10K +0.1% .1W TF TC=0+-5	05524	PTF-56-7
R40	0699-0118	2	1	RESISTOR 20K +0.1% .1W TF TC=0+-5	05524	PTF-56-7
R41	0699-0118	2	1	RESISTOR 20K +0.1% .1W TF TC=0+-5	05524	PTF-56-7
R42	2100-3863	5	1	RESISTOR-TRMR 200 10% TKF TOP-ADJ 17-TRN	03744	3299W-DM3-201
R43	0698-8821	8	1	RESISTOR 5.62 +1% .125W TF TC=0+-100	05524	CMF-55-1
R44	0699-0555	1	1	RESISTOR 100 +0.1% .3W MF TC=0+-5	02928	301464
R45	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+-100	05524	CMF-55-1
R46	0698-3155	1	1	RESISTOR 4.64K +1% .125W TF TC=0+-100	05524	CMF-55-1
R47	0698-7229	8	1	RESISTOR 511 +1% .05W TF TC=0+-100	05524	CMF-50-2
R48	0757-0394	0	1	RESISTOR 51.1 +1% .125W TF TC=0+-100	05524	CMF-55-1
R49	0698-7222	1	1	RESISTOR 261 +1% .05W TF TC=0+-100	05524	CMF-50-2
R50	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R51	0698-7283	4	1	RESISTOR 90.9K +1% .05W TF TC=0+-100	05524	CMF-50-2
R52	0698-3457	6	1	RESISTOR 316K +1% .125W TF TC=0+-100	05524	CMF-55-1
R53	0698-6320	8	1	RESISTOR 5K +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R54	0698-6320	8	1	RESISTOR 5K +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R55	0698-7255	0	1	RESISTOR 6.19K +1% .05W TF TC=0+-100	05524	CMF-50-2
R56	0698-7268	5	1	RESISTOR 21.5K +1% .05W TF TC=0+-100	05524	CMF-50-2
R57	0698-6967	9	1	RESISTOR 32.5K +1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R58	0698-6323	1	1	RESISTOR 100 +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R59	0698-7212	9	1	RESISTOR 100 +1% .05W TF TC=0+-100	05524	CMF-50-2
R60	0699-0555	1	1	RESISTOR 100 +0.1% .3W MF TC=0+-5	02928	301464
R61	0699-0555	1	1	RESISTOR 100 +0.1% .3W MF TC=0+-5	02928	301464
R62	0698-7198	0	1	RESISTOR 26.1 +1% .05W TF TC=0+-100	05524	CMF-50-2
R63	0757-0438	3	1	RESISTOR 5.11K +1% .125W TF TC=0+-100	05524	CMF-55-1
R64	0757-0438	3	1	RESISTOR 5.11K +1% .125W TF TC=0+-100	05524	CMF-55-1
R65	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+-100	05524	CMF-55-1
R66	0757-0401	0	1	RESISTOR 100 +1% .125W TF TC=0+-100	05524	CMF-55-1

**Indicates factory-selected value*

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HP Part Number 08560-60065
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Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R67	0757-0401	0	1	RESISTOR 100 \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R68	0757-0401	0	1	RESISTOR 100 \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R69	0698-3152	8	1	RESISTOR 3.48K \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R70	0698-6360	6	1	RESISTOR 10K \pm 0.1% .125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R71	0698-6322	0	1	RESISTOR 4K \pm 0.1% .125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R72	0698-6624	5	1	RESISTOR 2K \pm 0.1% .125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R73	0757-0003	8	1	RESISTOR 26.1 \pm 1% .5W TF TC=0 \pm 100	05524	CMF-65-2
R74	0757-0003	8	1	RESISTOR 26.1 \pm 1% .5W TF TC=0 \pm 100	05524	CMF-65-2
R75	0698-3439	4	1	RESISTOR 178 \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R76	2100-1774	3	1	RESISTOR-TRMR 2K 5% WW TOP-ADJ 1-TRN	06026	CT-100-4-2K
R77	0757-0003	8	1	RESISTOR 26.1 \pm 1% .5W TF TC=0 \pm 100	05524	CMF-65-2
R78	0698-3153	9	1	RESISTOR 3.83K \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R79	0699-2107	3	1	RESISTOR 63.93K \pm 0.1% .125W TF TC=0 \pm 5	06337	5023Z
R80	0699-2109	5	1	RESISTOR 25K \pm 0.1% .125W TF TC=0 \pm 5	06337	5023Z
R81	0699-2108	4	1	RESISTOR 50K \pm 0.1% .125W TF TC=0 \pm 5	06337	5023Z
R82	0699-2108	4	1	RESISTOR 50K \pm 0.1% .125W TF TC=0 \pm 5	06337	5023Z
R83	0757-0280	3	1	RESISTOR 1K \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R84	0698-7260	7	1	RESISTOR 10K \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R85	0698-7253	8	1	RESISTOR 5.11K \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R86	0698-7253	8	1	RESISTOR 5.11K \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R87	0698-3442	9	1	RESISTOR 237 \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R88	0699-2113	1	1	RESISTOR 2K \pm 0.1% .125W TF TC=0 \pm 5	06337	5023Z
R89	0699-2114	2	1	RESISTOR 1K \pm 0.1% .125W TF TC=0 \pm 5	06337	5023Z
R92	0698-6620	1	1	RESISTOR 150K \pm 0.1% .125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R93	2100-3876	0	1	RESISTOR-TRMR 1K 10% TKF TOP-ADJ 17-TRN	03744	3299W-DM3-102
R94	0757-0280	3	1	RESISTOR 1K \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R95	0698-6360	6	1	RESISTOR 10K \pm 0.1% .125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R96	0698-6360	6	1	RESISTOR 10K \pm 0.1% .125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R99	0757-0458	7	1	RESISTOR 51.1K \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R100	0698-3152	8	1	RESISTOR 3.48K \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R101	0698-7260	7	1	RESISTOR 10K \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R102	0698-7260	7	1	RESISTOR 10K \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R103	0698-7275	4	1	RESISTOR 42.2K \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R104	0698-8827	4	1	RESISTOR 1M \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R105	0699-0642	7	1	RESISTOR 10K \pm 0.1% .1W TF TC=0 \pm 5	05524	PTF-56-7

**HP Part Number 08560-60065
Frequency Control (continued)**

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
R106	0698-3440	7	1	RESISTOR 196 +1% .125W TF TC=0+-100	05524	CMF-55-1
R107	0757-0438	3	1	RESISTOR 5.11K +1% .125W TF TC=0+-100	05524	CMF-55-1
R108	0698-6320	8	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R109	0698-3153	9	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R110	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R111	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R112	0699-2125	5	1	RESISTOR 643.7K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R113	0698-3160	8	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R114	0699-2112	0	1	RESISTOR 10K +-0.1% .125W TF TC=0+-2	06337	5023Z
R115	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R116	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R120	0699-2104	0	1	RESISTOR 169.5K +-0.1% .125W TF TC=0+-5	06337	5023Z
R121	0699-0642	7	1	RESISTOR 10K +-0.1% .1W TF TC=0+-5	05524	PTF-56-7
R122	0699-2122	2	1	RESISTOR 55.5K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1
R123	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R124	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R125	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R126	0699-0555	1	1	RESISTOR 100 +-0.1% .3W MF TC=0+-5	02928	301464
R129	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R132	0699-2105	1	1	RESISTOR 150K +-0.1% .125W TF TC=0+-5	06337	5023Z
R135	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R137	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R138	0698-6362	8	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R139	0698-7912	6	1	RESISTOR 111.1 +-0.25% .125W TF	05524	CMF-55-1, T-1
R142	0698-3161	9	1	RESISTOR 38.3K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R144	0699-0118	2	1	RESISTOR 20K +-0.1% .1W TF TC=0+-5	05524	PTF-56-7
R145	0699-0642	7	1	RESISTOR 10K +-0.1% .1W TF TC=0+-5	05524	PTF-56-7
R146	0699-2112	0	1	RESISTOR 10K +-0.1% .125W TF TC=0+-2	06337	5023Z
R162	0698-3441	8	1	RESISTOR 215 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R164	0698-7218	5	1	RESISTOR 178 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R165	0698-7218	5	1	RESISTOR 178 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R166	0698-8958	2	1	RESISTOR 511K +-1% .125W TF TC=0+-100	01074	H8
R167	0698-8958	2	1	RESISTOR 511K +-1% .125W TF TC=0+-100	01074	H8
R174	0699-1305	1	1	RESISTOR 10.2K +-0.1% .1W TF TC=0+-5	05524	PTF-56-7
R175	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2

**Indicates factory-selected value*

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HP Part Number 08560-60065
Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R176	0698-7212	9	1	RESISTOR 100 +1% .05W TF TC=0+-100	05524	CMF-50-2
R177	0698-7212	9	1	RESISTOR 100 +1% .05W TF TC=0+-100	05524	CMF-50-2
R178	0698-7212	9	1	RESISTOR 100 +1% .05W TF TC=0+-100	05524	CMF-50-2
R179	0698-7212	9	1	RESISTOR 100 +1% .05W TF TC=0+-100	05524	CMF-50-2
R180	0698-7212	9	1	RESISTOR 100 +1% .05W TF TC=0+-100	05524	CMF-50-2
R301	0698-7250	5	1	RESISTOR 3.83K +1% .05W TF TC=0+-100	05524	CMF-50-2
R302	0698-7284	5	1	RESISTOR 100K +1% .05W TF TC=0+-100	05524	CMF-50-2
R303	0698-7263	0	1	RESISTOR 13.3K +1% .05W TF TC=0+-100	05524	CMF-50-2
R304	0757-0289	2	1	RESISTOR 13.3K +1% .125W TF TC=0+-100	05524	CMF-55-1
R305	0757-0289	2	1	RESISTOR 13.3K +1% .125W TF TC=0+-100	05524	CMF-55-1
R306	0757-0289	2	1	RESISTOR 13.3K +1% .125W TF TC=0+-100	05524	CMF-55-1
R307	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R308	0698-7253	8	1	RESISTOR 5.11K +1% .05W TF TC=0+-100	05524	CMF-50-2
R309	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R311	0698-7284	5	1	RESISTOR 100K +1% .05W TF TC=0+-100	05524	CMF-50-2
R312	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R313	0698-7284	5	1	RESISTOR 100K +1% .05W TF TC=0+-100	05524	CMF-50-2
R315	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R316	0757-0401	0	1	RESISTOR 100 +1% .125W TF TC=0+-100	05524	CMF-55-1
R317	0698-7229	8	1	RESISTOR 511 +1% .05W TF TC=0+-100	05524	CMF-50-2
R321	0698-3446	3	1	RESISTOR 383 +1% .125W TF TC=0+-100	05524	CMF-55-1
R322	0757-0394	0	1	RESISTOR 51.1 +1% .125W TF TC=0+-100	05524	CMF-55-1
R323	0698-7248	1	1	RESISTOR 3.16K +1% .05W TF TC=0+-100	05524	CMF-50-2
R324	0698-7268	5	1	RESISTOR 21.5K +1% .05W TF TC=0+-100	05524	CMF-50-2
R325	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R326	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R327	0698-7236	7	1	RESISTOR 1K +1% .05W TF TC=0+-100	05524	CMF-50-2
R328	0698-7212	9	1	RESISTOR 100 +1% .05W TF TC=0+-100	05524	CMF-50-2
R329	0757-0401	0	1	RESISTOR 100 +1% .125W TF TC=0+-100	05524	CMF-55-1
R330	0698-7229	8	1	RESISTOR 511 +1% .05W TF TC=0+-100	05524	CMF-50-2
R331	0757-1094	9	1	RESISTOR 1.47K +1% .125W TF TC=0+-100	05524	CMF-55-1
R332	0699-0068	1	1	RESISTOR 1.47M +1% .125W TF TC=0+-100	06118	MK2
R333	0698-3449	6	1	RESISTOR 28.7K +1% .125W TF TC=0+-100	05524	CMF-55-1
R334	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R335	0757-0202	9	1	RESISTOR 13.7K +1% .125W TF TC=0+-50	05524	CMF-55-1, T-2

**HP Part Number 08560-60065
Frequency Control (continued)**

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
R336	0698-3260	9	1	RESISTOR 464K +1% .125W TF TC=0+-100	05524	CMF-55-1
R337	0698-3155	1	1	RESISTOR 4.64K +1% .125W TF TC=0+-100	05524	CMF-55-1
R338	0698-3154	0	1	RESISTOR 4.22K +1% .125W TF TC=0+-100	05524	CMF-55-1
R340	0698-3156	2	1	RESISTOR 14.7K +1% .125W TF TC=0+-100	05524	CMF-55-1
R341	0698-7229	8	1	RESISTOR 511 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R342	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+-100	05524	CMF-55-1
R345	0698-7236	7	1	RESISTOR 1K +1% .05W TF TC=0+-100	05524	CMF-50-2
R347	0757-0394	0	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R348	0757-0394	0	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R349	0757-0394	0	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R350	0698-7189	9	1	RESISTOR 11 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R351	0698-7189	9	1	RESISTOR 11 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R352	0698-7213	0	1	RESISTOR 110 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R353	0698-7193	5	1	RESISTOR 16.2 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R354	0698-7193	5	1	RESISTOR 16.2 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R355	0698-7208	3	1	RESISTOR 68.1 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R356	0698-7205	0	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R357	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R358	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R359	0698-7220	9	1	RESISTOR 215 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R360	0698-7246	9	1	RESISTOR 2.61K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R361	0698-7268	5	1	RESISTOR 21.5K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R362	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R363	0698-7268	5	1	RESISTOR 21.5K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R364	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R365	0698-7229	8	1	RESISTOR 511 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R366	0698-7229	8	1	RESISTOR 511 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R367	0698-7241	4	1	RESISTOR 1.62K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R368	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R369	0698-8615	8	1	RESISTOR 75K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R370	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R371	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R372	0698-7241	4	1	RESISTOR 1.62K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R373	0698-7246	9	1	RESISTOR 2.61K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R375	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2

**Indicates factory-selected value*

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HP Part Number 08560-60065
Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R376	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R377	0698-7284	5	1	RESISTOR 100K +1% .05W TF TC=0+-100	05524	CMF-50-2
R379	0698-3444	1	1	RESISTOR 316 +1% .125W TF TC=0+-100	05524	CMF-55-1
R380	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R381	0757-0420	3	1	RESISTOR 750 +1% .125W TF TC=0+-100	05524	CMF-55-1
R382	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R383	0698-7271	0	1	RESISTOR 28.7K +1% .05W TF TC=0+-100	05524	CMF-50-2
R384	0698-7248	1	1	RESISTOR 3.16K +1% .05W TF TC=0+-100	05524	CMF-50-2
R386	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R387	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R388	0698-7228	7	1	RESISTOR 464 +1% .05W TF TC=0+-100	05524	CMF-50-2
R389	0757-0438	3	1	RESISTOR 5.11K +1% .125W TF TC=0+-100	05524	CMF-55-1
R390	0698-7284	5	1	RESISTOR 100K +1% .05W TF TC=0+-100	05524	CMF-50-2
R391	0698-7280	1	1	RESISTOR 68.1K +1% .05W TF TC=0+-100	05524	CMF-50-2
R392	0698-7236	7	1	RESISTOR 1K +1% .05W TF TC=0+-100	05524	CMF-50-2
R396	0757-0401	0	1	RESISTOR 100 +1% .125W TF TC=0+-100	05524	CMF-55-1
R397	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R398	0699-0073	8	1	RESISTOR 10M +1% .125W TF TC=0+-100	06118	MK2
R399	0699-0073	8	1	RESISTOR 10M +1% .125W TF TC=0+-100	06118	MK2
R400	0699-0127	3	1	RESISTOR 464K +1% .05W TF TC=0+-100	02499	RG-1/8-T050
R531	0698-7220	9	1	RESISTOR 215 +1% .05W TF TC=0+-100	05524	CMF-50-2
R532	0698-7220	9	1	RESISTOR 215 +1% .05W TF TC=0+-100	05524	CMF-50-2
R533	0698-7228	7	1	RESISTOR 464 +1% .05W TF TC=0+-100	05524	CMF-50-2
R534	0698-7228	7	1	RESISTOR 464 +1% .05W TF TC=0+-100	05524	CMF-50-2
R535	0698-7228	7	1	RESISTOR 464 +1% .05W TF TC=0+-100	05524	CMF-50-2
R541	0698-7205	0	1	RESISTOR 51.1 +1% .05W TF TC=0+-100	05524	CMF-50-2
R542	0698-7212	9	1	RESISTOR 100 +1% .05W TF TC=0+-100	05524	CMF-50-2
R543	0698-7236	7	1	RESISTOR 1K +1% .05W TF TC=0+-100	05524	CMF-50-2
R544	0698-7205	0	1	RESISTOR 51.1 +1% .05W TF TC=0+-100	05524	CMF-50-2
R545	0698-7220	9	1	RESISTOR 215 +1% .05W TF TC=0+-100	05524	CMF-50-2
R548	0698-7220	9	1	RESISTOR 215 +1% .05W TF TC=0+-100	05524	CMF-50-2
R551	0698-7284	5	1	RESISTOR 100K +1% .05W TF TC=0+-100	05524	CMF-50-2
R552	0698-7235	6	1	RESISTOR 909 +1% .05W TF TC=0+-100	05524	CMF-50-2
R553	0698-7235	6	1	RESISTOR 909 +1% .05W TF TC=0+-100	05524	CMF-50-2
R554	0698-7219	6	1	RESISTOR 196 +1% .05W TF TC=0+-100	05524	CMF-50-2

HP Part Number 08560-60065
Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R562	0698-7205	0	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R563	0698-7205	0	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R564	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R570	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R571	0698-7225	4	1	RESISTOR 348 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R580	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R581	0698-7234	5	1	RESISTOR 825 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R583	0698-7193	5	1	RESISTOR 16.2 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R584	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R585	0698-7225	4	1	RESISTOR 348 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R586	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R587	0698-7197	9	1	RESISTOR 23.7 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R588	0698-7205	0	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R589	0698-7205	0	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R590	0698-7225	4	1	RESISTOR 348 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R591	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R592	0698-7188	8	1	RESISTOR 10 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R593	0698-7228	7	1	RESISTOR 464 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R594	0698-7228	7	1	RESISTOR 464 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R601	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R602	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R603	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R604	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R619	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R620	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R621	2100-4184	5	1	RESISTOR-TRMR 10K 10% TKF TOP-ADJ 1-TRN	03744	3329H-EG9-103
R623	0757-0416	7	1	RESISTOR 511 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R624	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R625	0757-0416	7	1	RESISTOR 511 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R628	2100-4182	3	1	RESISTOR-TRMR 2K 10% TKF TOP-ADJ 1-TRN	03744	3329H-EG9-202
R629	0757-0289	2	1	RESISTOR 13.3K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R701	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R703	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R704	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R705	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2

**Indicates factory-selected value*

CLIP 08560-90080 Frequency Control 17

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HP Part Number 08560-60065
Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R706	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R707	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R709	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R710	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R711	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R712	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R714	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R716	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R718	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R727	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R730	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R731	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R732	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
U101	1820-3964	2	1	IC PRESCR ECL	02037	MC12018P
U102	1813-0211	1	1	IC WIDEBAND AMPL TO-39	02037	MWA110
U103	1820-1888	5	1	IC PRESCR ECL	02037	MC12013P
U104	1820-1442	7	1	IC CNTR TTL/LS DECD ASYNCHRO	28480	1820-1442
U105	1820-0630	3	1	IC MISC ECL	02037	MC4044P
U106	1826-1640	9	1	IC COMPARATOR HS 8 PIN DIP-C	03406	LM360J
U107	1826-0285	6	1	IC V RGLTR-FXD-NEG -4.8/-5.2V 3-TO-92	02037	MC79L05ACP
U108	1826-0276	5	1	IC V RGLTR-FXD-POS 4.8/5.2V TO-92 PKG	02037	MC78L05ACP
U109	1826-1175	5	1	IC WIDEBAND AMPL VID 10 PIN TO-100	03406	LM733H
U110	1820-3405	6	1	IC MISC CMOS 4-BIT	02037	MC145146P
U111	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPD DUAL 8 PIN	02037	MC34002BU
U112	1826-0791	9	1	SAMPLE AND HOLD 8 -DIP-P	03406	LF398N
U113	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U114	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U115	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPD DUAL 8 PIN	02037	MC34002BU
U116	1826-1361	1	1	ANALOG SWITCH 4 SPST 16 -DIP-P	02883	DG212CJ
U117	0955-0113	1	1	U-WAVE MIXER 1 GHZ MAX	02739	TFM-2-38
U118	1813-0212	2	1	IC WIDEBAND AMPL TO-39	02037	MWA120
U119	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U120	1826-0890	9	1	IC OP AMP GP DUAL 8 PIN DIP-P	03406	LM358AN
U121	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPD DUAL 8 PIN	02037	MC34002BU
U122	1826-0890	9	1	IC OP AMP GP DUAL 8 PIN DIP-P	03406	LM358AN

HP Part Number 08560-60065
Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
U123	1813-0211	1	1	IC WIDEBAND AMPL TO-39	02037	MWA110
U124	1820-3405	6	1	IC MISC CMOS 4-BIT	02037	MC145146P
U125	1826-0276	5	1	IC V RGLTR-FXD-POS 4.8/5.2V TO-92 PKG	02037	MC78L05ACP
U126	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U127	1820-3646	7	1	IC PRESCR ECL	02037	MC12015P
U128	1813-0211	1	1	IC WIDEBAND AMPL TO-39	02037	MWA110
U201	1813-0212	2	1	IC WIDEBAND AMPL TO-39	02037	MWA120
U202	1820-0920	4	1	IC RCVR ECL LINE RCVR QUAD 2-INP	02037	MC1692L
U203	1820-3485	2	1	IC PRESCR ECL	02037	MC12090P
U204	1820-1344	8	1	IC MISC ECL	02037	MC12040L
U205	1820-3485	2	1	IC PRESCR ECL	02037	MC12090P
U206	1810-0167	0	1	NETWORK-RES 8-SIP 330.0 OHM X 4	06252	750-83-R330
U207	1826-0371	1	1	IC OP AMP LOW-BIAS-H-IMPED 8 PIN TO-99	03406	LF256H
U301	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U302	1820-3079	0	1	IC DCDR CMOS/HC BIN 3-TO-8-LINE	28480	1820-3079
U303	1820-3079	0	1	IC DCDR CMOS/HC BIN 3-TO-8-LINE	28480	1820-3079
U304	1820-3079	0	1	IC DCDR CMOS/HC BIN 3-TO-8-LINE	28480	1820-3079
U305	1826-0605	4	1	ANALOG MULTIPLEXER 8 CHNL 16 -CERDIP	02883	DG508ABK
U306	1826-1012	9	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03799	HI1-0201-4
U307	1820-1934	2	1	D/A 8-BIT 16-CERDIP BPLR	03285	DAC-08EQ
U308	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U309	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U310	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U311	1820-4586	6	1	IC DRV R CMOS/HCT LINE OCTL	28480	1820-4586
U312	1826-1012	9	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03799	HI1-0201-4
U313	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U314	1826-2239	4	1	D/A 12-BIT 16-PLASTIC CMOS	03285	AD7542KN
U315	1826-2239	4	1	D/A 12-BIT 16-PLASTIC CMOS	03285	AD7542KN
U316	1826-2239	4	1	D/A 12-BIT 16-PLASTIC CMOS	03285	AD7542KN
U317	1826-0811	4	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03285	SW-01FQ
U318	1826-0811	4	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03285	SW-01FQ
U319	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U320	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U321	1826-0367	5	1	IC V RGLTR-FXD-POS 4.8/5.2V TO-39 PKG	03406	LM78M05CH
U322	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ

**Indicates factory-selected value*

CLIP 08560-90080 Frequency Control 19

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HP Part Number 08560-60065
Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
U323	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U324	1826-1361	1	1	ANALOG SWITCH 4 SPST 16 -DIP-P	02883	DG212CJ
U325	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMP DUAL 8 PIN	02037	MC34002BU
U326	1826-1361	1	1	ANALOG SWITCH 4 SPST 16 -DIP-P	02883	DG212CJ
U327	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U328	1826-1116	4	1	IC OP AMP GP QUAD 14 PIN DIP-P	02290	RC4156DB
U329	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMP DUAL 8 PIN	02037	MC34002BU
U330	1826-0932	0	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27FZ
U331	1826-0932	0	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27FZ
U332	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U333	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMP DUAL 8 PIN	02037	MC34002BU
U401	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U402	1826-1543	1	1	IC OP AMP HS DUAL 8 PIN DIP-C	02037	MC34072AU
U403	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMP DUAL 8 PIN	02037	MC34002BU
U404	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMP DUAL 8 PIN	02037	MC34002BU
U405	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U406	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U407	1810-0527	6	1	NETWORK-RES 10-SIP 1.6K OHM X 9	02483	750-101-R1.6K
U408	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U409	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U410	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMP DUAL 8 PIN	02037	MC34002BU
U411	1826-0759	9	1	IC COMPARATOR GP QUAD 14 PIN DIP-C	03406	LM339J
U412	1810-1130	9	1	NETWORK-RES 8-SIP 47.0K OHM X 4	28480	1810-1130
U413	1810-0406	0	1	NETWORK-RES 8-SIP 10.0K OHM X 4	06252	750-83-R10K
U414	1826-1543	1	1	IC OP AMP HS DUAL 8 PIN DIP-C	02037	MC34072AU
U415	1826-0811	4	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03285	SW-01FQ
U416	1826-0811	4	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03285	SW-01FQ
U417	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U418	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U419	1826-1514	6	1	IC V RGLTR-V-REF-FXD 9.95/10.05V 8-DIP-P	10858	LT1021BCN8-10
U420	1820-1200	5	1	IC INV TTL/LS HEX	06347	HD74LS05P
U421	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMP DUAL 8 PIN	02037	MC34002BU
U422	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMP DUAL 8 PIN	02037	MC34002BU
U424	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMP DUAL 8 PIN	02037	MC34002BU
U425	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848

**HP Part Number 08560-60065
Frequency Control (continued)**

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
U426	1810-0316	1	1	NETWORK-RES 16-DIP 10.0K OHM X 8	02483	761-3-R10K
U427	1826-0759	9	1	IC COMPARATOR GP QUAD 14 PIN DIP-C	03406	LM339J
U428	1810-0406	0	1	NETWORK-RES 8-SIP 10.0K OHM X 4	06252	750-83-R10K
VR1	1902-0579	3	1	DIODE-ZNR 5.1V 5% PD=1W IR=10UA	02037	1N4733ARL
VR2	1902-0579	3	1	DIODE-ZNR 5.1V 5% PD=1W IR=10UA	02037	1N4733ARL
VR3	1902-0202	9	1	DIODE-ZNR 15V 5% PD=1W IR=5UA	02037	1N4744ARL
VR4	1902-3104	6	1	DIODE-ZNR 5.62V 5% DO-35 PD=.4W	02037	SZ30016-1
VR5	1902-0554	4	1	DIODE-ZNR 10V 5% PD=1W IR=10UA	02037	1N4740ARL
VR304	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1
VR305	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1
VR306	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1
VR307	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1
VR308	1902-3139	7	1	DIODE-ZNR 8.25V 5% DO-35 PD=.4W	02037	SZ30016-1
VR309	1902-3139	7	1	DIODE-ZNR 8.25V 5% DO-35 PD=.4W	02037	SZ30016-1
VR316	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1
VR317	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1

E-08560-60065-2	
SYN	REVISIONS
APPROVED	DATE
A	AS ISSUED PER PCO 53-07449

NOTES: UNLESS OTHERWISE SPECIFIED

1. DIMENSIONS ARE IN INCHES.
2. REMOVE TABS AFTER WAVE SOLDER.
3. MAXIMUM COMPONENT HEIGHT .400.
4. MAXIMUM LEAD TRIM LENGTH .118.
5. ASSURE THAT PIN #9 HAS BEEN REMOVED FROM J15, J16, J17, J18, J19, J302, J303 PRIOR TO ASSEMBLY AND MACHINE SOLDER.
6. 08560-60065 USES RAW BOARD 08562-20055. ADD LABEL MP16 TO MAKE DISTINCTION.

DETAIL A

LIFT INPUT LEAD (PIN 3) OF U125
PRIOR TO ADDING R175

DETAIL B

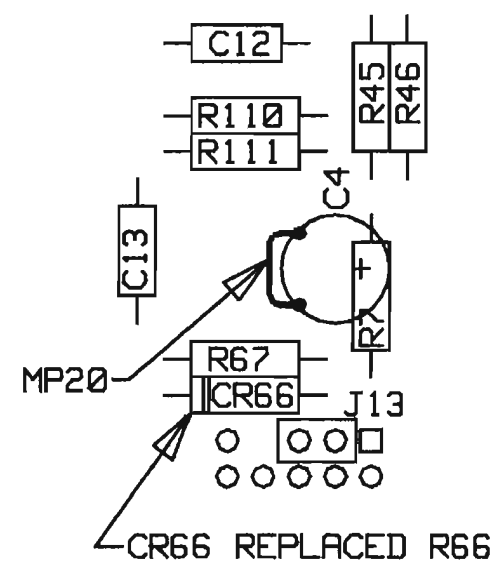
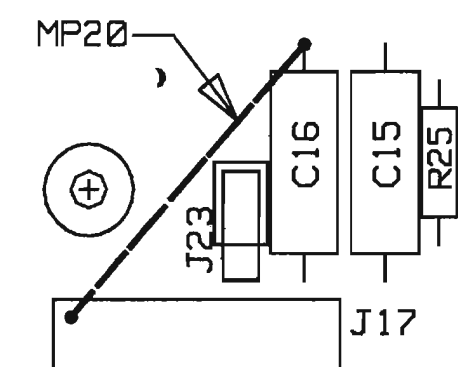
1. LIFT PINS 7,8 FROM U101 PRIOR TO ADDING C390
2. INSERT MP18 THRU U101 PIN 8 HOLE IN BOARD
3. SOLDER MP18 TO C390 LEAD AS SHOWN

DETAIL C

SCALE: NONE

DETAIL D

1. INSTALL JUMPER MP20 ON BOTTOM SIDE OF BOARD.



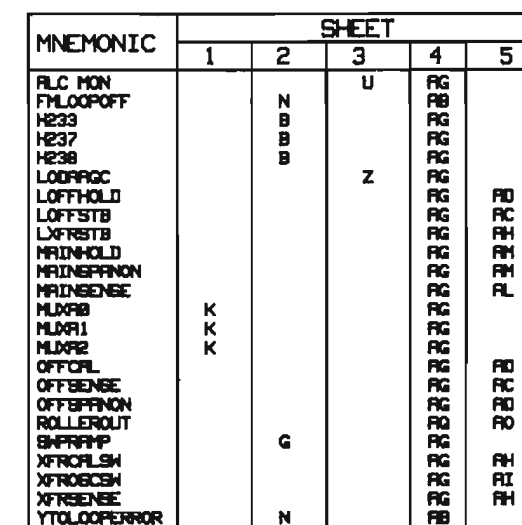
1. REMOVE E501 AND CONNECT (ON BACKSIDE) NEAREST HOLE OF REMOVED E501 TO U205-16 WITH 22 GA WIRE.
2. REMOVE E502, SHORT BY REPLACING WITH 20 GA WIRE.


UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.		DESIGN BY	DATE
TOLERANCES:	XX.XXX ±.015	DESIGN/CHECKER	
RELATIVE TO PROD.		REWORKED/DWG.	
SEE COW, STL, BOM			
HP PROPRIETARY THIS DOCUMENT CONTAINS CONFIDENTIAL PROPRIETARY INFORMATION THAT IS HEWLETT-PACKARD (HP) PROPERTY. DO NOT DISCLOSE TO OR DUPLICATE FOR OTHERS EXCEPT AS AUTHORIZED BY HP.		BOARD ASSEMBLY- FREQUENCY CONTROL	
TITLE		REV. 0001	
NOTE	1 2	SCALE	DRYK OF
E-08560-60065-2		08560-60065	

SEE 08560-60065 MATERIAL LIST

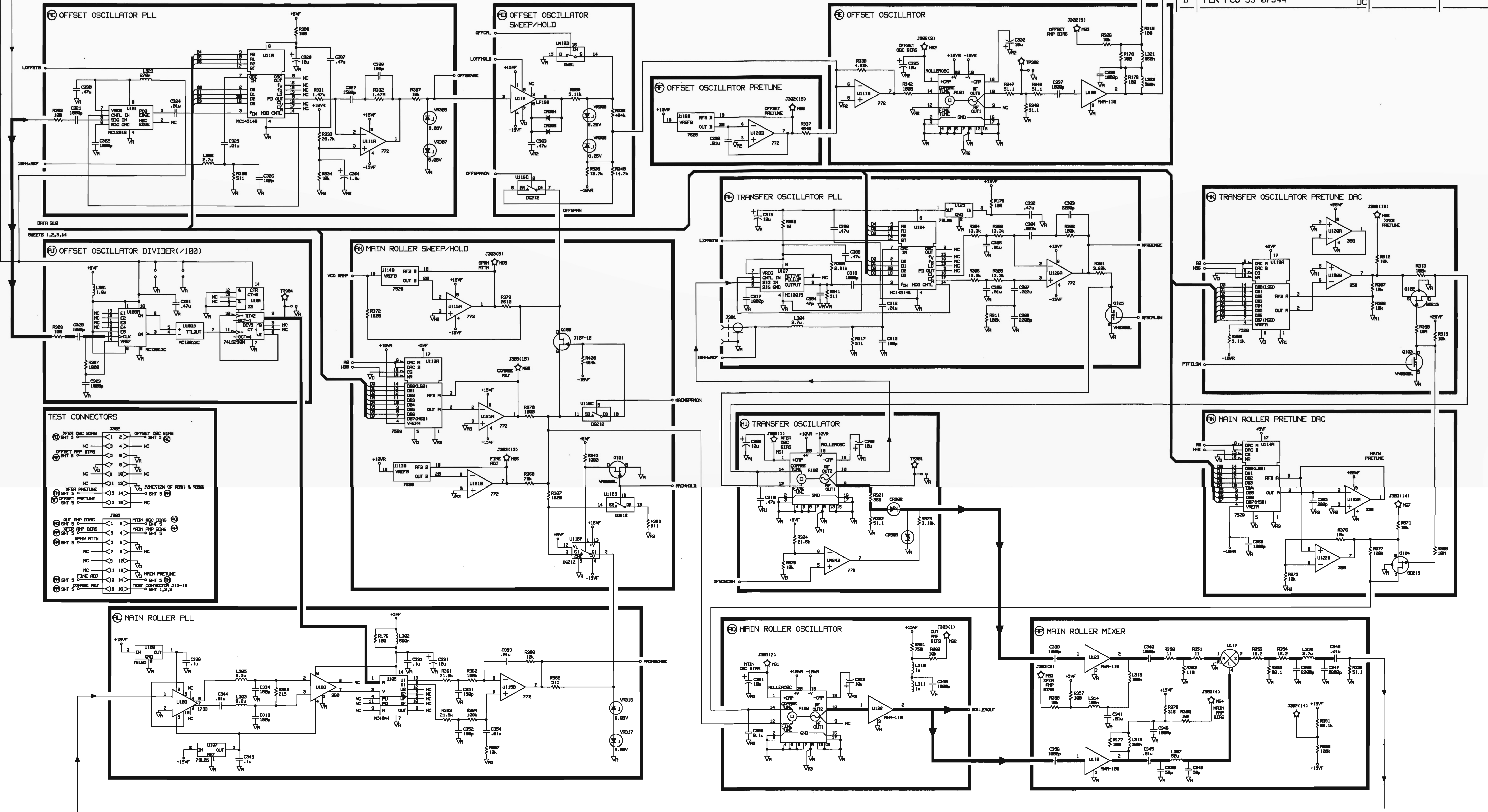


YTO LOOP



ITEM	QTY.	PART/MATERIAL-DESCRIPTION			MAT'L-PART NO.		MAT'L-DWG. NO.		MAT'L-SPEC.
DRAWN BY		DATE		BOARD ASSEMBLY-FREQUENCY CONTROL (SCHEMATIC)				 HEWLETT PACKARD	
ENGINEER/CHECKER									
RELEASE TO PROD.				TITLE				PART NUMBER 08560-60065	
SUPERSEDES DWG.				SCALE NONE		FILED-IN-CHARGE SHEET 4 OF 5		D-08560-60065-1	

SYN	REVISIONS	APPROVED	DATE
A	AS ISSUED PER PCO 53-7449	DC	
B	PER PCO 53-07344	DC	



MNEMONIC	1	2	3	4	5
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MNEMONIC	1	2	3	4	5
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ITEM	QTY.	PART/MATERIAL-DESCRIPTION	MAT'L-PART NO.	MAT'L-ING. NO.	MAT'L-SPEC.
1		BOARD ASSEMBLY-FREQUENCY CONTROL (SCHEMATIC)			
2		FILE: 08560-60065-1			
3		SCALE: NONE			
4		SHEET 5 OF 5			
5		D-08560-60065-1			

Component-Level Information Packet for 08561-60035

Frequency Control



**HEWLETT
PACKARD**

**HP Part No. 08561-90056
Printed in USA June 1992**

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HP Part Number 08561-60035
Frequency Control

Reference Designator	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
A101	5062-7717	7		1		28480	5062-7717
A102	5062-8280	1		1		28480	5062-8280
A103	5062-7716	6		1		28480	5062-7716
C1	0180-3846	0		1	CAP-FXD 15uF +10% 25 V TA	04200	299D156X9025DB1
C2	0160-4832	4		1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C3	0160-4832	4		1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C4	0180-3831	3		1	CAP-FXD 10uF +10% 35 V TA	04200	299D106X9035DB1
C5	0180-3831	3		1	CAP-FXD 10uF +10% 35 V TA	04200	299D106X9035DB1
C6	0160-4805	1		1	CAP-FXD 47pF +5% 100 V CER C0G	09939	RPA10C0G470J100V
C7	0180-3831	3		1	CAP-FXD 10uF +10% 35 V TA	04200	299D106X9035DB1
C8	0180-3850	6		1	CAP-FXD 68uF +10% 10 V TA	04200	299D686X9010DB1
C9	0160-4832	4		1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C10	0160-4554	7		1	CAP-FXD 0.01uF +20% 50 V CER X7R	09939	RPA10X7R103M50V
C11	0160-4554	7		1	CAP-FXD 0.01uF +20% 50 V CER X7R	09939	RPA10X7R103M50V
C12	0160-4832	4		1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C13	0160-4832	4		1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C14	0160-3402	2		1	CAP-FXD 1uF +5% 50 V POLYC-MET	13171	
C15	0160-5201	3		1	CAP-FXD 0.01uF +1% 200 V POLYC-MET	13171	
C16	0160-6326	5		1	CAP-FXD 1060pF +1% 50 V POLYC-MET	13171	
C17	0160-4835	7		1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C18	0160-4835	7		1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C20	0160-4835	7		1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C21	0160-4835	7		1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C22	0160-4835	7		1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C23	0160-4835	7		1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C25	0160-4822	2		1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C27	0160-4835	7		1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C28	0160-4831	3		1	CAP-FXD 4700pF +10% 100 V CER X7R	09939	RPA10X7R472K100V
C31	0160-0298	8		1	CAP-FXD 1500pF +10% 200 V POLYE-FL	02367	WMC2D15
C32	0160-5422	0		1	CAP-FXD 0.047uF +20% 50 V CER X7R	09939	RPA20X7R473M50V
C33	0160-5422	0		1	CAP-FXD 0.047uF +20% 50 V CER X7R	09939	RPA20X7R473M50V
C36	0180-0058	0		1	CAP-FXD 47uF +20% 25 V AL-ELCTLT	28480	0180-0058
C37	0180-3850	6		1	CAP-FXD 68uF +10% 10 V TA	04200	299D686X9010DB1
C38	0160-4808	4		1	CAP-FXD 470pF +5% 100 V CER C0G	09939	RPA10C0G471J100V
C39	0160-4808	4		1	CAP-FXD 470pF +5% 100 V CER C0G	09939	RPA10C0G471J100V

HP Part Number 08561-60035
Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
C40	0160-4554	7	1	CAP-FXD 0.01uF +20% 50 V CER X7R	09939	RPA10X7R103M50V
C41	0180-3771	0	1	CAP-FXD 1uF +10% 35 V TA	04200	299D105X9035AB1
C42	0180-3831	3	1	CAP-FXD 10uF +10% 35 V TA	04200	299D106X9035DB1
C43	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C44	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C45	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C46	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C47	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C48	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C49	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C50	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C51	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C53	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C55	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C56	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C57	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C58	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C59	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C62	0160-4801	7	1	CAP-FXD 100pF +5% 100 V CER C0G	09939	RPA10C0G101J100V
C63	0160-4801	7	1	CAP-FXD 100pF +5% 100 V CER C0G	09939	RPA10C0G101J100V
C64	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C66	0160-4791	4	1	CAP-FXD 10pF +5% 100 V CER C0G	09939	RPA10C0G100D100
C201	0180-0500	7	1	CAP-FXD 47uF +20% 20 V TA	04200	199D1114
C302	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C303	0160-4830	2	1	CAP-FXD 2200pF +10% 100 V CER X7R	09939	RPA10X7R222K100V
C304	0160-4833	5	1	CAP-FXD 0.022uF +10% 100 V CER X7R	09939	RPA20X7R223K100V
C305	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C306	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C307	0160-4833	5	1	CAP-FXD 0.022uF +10% 100 V CER X7R	09939	RPA20X7R223K100V
C308	0160-4830	2	1	CAP-FXD 2200pF +10% 100 V CER X7R	09939	RPA10X7R222K100V
C309	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C310	0160-4233	9	1	CAP-FXD 0.47uF +5% 50 V POLYC-MET	13171	
C312	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C313	0160-4801	7	1	CAP-FXD 100pF +5% 100 V CER C0G	09939	RPA10C0G101J100V
C315	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003

**Indicates factory-selected value*

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HP Part Number 08561-60035
Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C316	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C317	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C318	0160-4814	2	1	CAP-FXD 150pF +5% 100 V CER C0G	09939	RPA10C0G151J100V
C320	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C321	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C322	0160-4040	6	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C323	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C324	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C325	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C326	0160-4801	7	1	CAP-FXD 100pF +5% 100 V CER C0G	09939	RPA10C0G101J100V
C327	0160-4846	0	1	CAP-FXD 1500pF +5% 100 V CER C0G	09939	RPA20COG152J100VPT
C328	0160-4814	2	1	CAP-FXD 150pF +5% 100 V CER C0G	09939	RPA10C0G151J100V
C329	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C330	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C331	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C332	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C333	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C334	0160-4814	2	1	CAP-FXD 150pF +5% 100 V CER C0G	09939	RPA10C0G151J100V
C335	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C336	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C337	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C338	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C339	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C340	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C341	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C342	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C343	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C344	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C345	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C346	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C347	0160-4830	2	1	CAP-FXD 2200pF +10% 100 V CER X7R	09939	RPA10X7R222K100V
C348	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C349	0160-4804	0	1	CAP-FXD 56pF +5% 100 V CER C0G	09939	RPA10COG560J100
C350	0160-4804	0	1	CAP-FXD 56pF +5% 100 V CER C0G	09939	RPA10COG560J100
C351	0160-4814	2	1	CAP-FXD 150pF +5% 100 V CER C0G	09939	RPA10C0G151J100V

**HP Part Number 08561-60035
Frequency Control (continued)**

Reference Designator	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
C352	0160-4814	2		1	CAP-FXD 150pF +5% 100 V CER C0G	09939	RPA10C0G151J100V
C353	0160-3879	7		1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C354	0160-3879	7		1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C355	0160-3661	5		1	CAP-FXD 0.1uF +5% 50 V POLYC-MET	13171	
C356	0160-4574	1		1	CAP-FXD 1000pF +10% 100 V CER X7R	09939	RPA10X7R102K100V
C357	0160-4807	3		1	CAP-FXD 33pF +5% 100 V CER C0G	09939	RPA10COG330J100
C358	0160-4805	1		1	CAP-FXD 47pF +5% 100 V CER C0G	09939	RPA10C0G470J100V
C359	0180-4003	3		1	CAP-FXD 10uF +-10% 25 V TA	28480	0180-4003
C360	0160-4791	4		1	CAP-FXD 10pF +5% 100 V CER C0G	09939	RPA10C0G100D100
C361	0180-4003	3		1	CAP-FXD 10uF +-10% 25 V TA	28480	0180-4003
C362	0160-4786	7		1	CAP-FXD 27pF +5% 100 V CER C0G	09939	RPA10COG270J100
C363	0160-4233	9		1	CAP-FXD 0.47uF +5% 50 V POLYC-MET	13171	
C364	0180-3771	0		1	CAP-FXD 1uF +-10% 35 V TA	04200	299D105X9035AB1
C365	0160-3878	6		1	CAP-FXD 1000pF +-20% 100 V CER X7R	09939	RPE121-105X7R102M100V
C369	0160-4830	2		1	CAP-FXD 2200pF +10% 100 V CER X7R	09939	RPA10X7R222K100V
C379	0180-3845	9		1	CAP-FXD 4.7uF +-10% 35 V TA	04200	299D475X9035CB1
C380	0160-4574	1		1	CAP-FXD 1000pF +-10% 100 V CER X7R	09939	RPA10X7R102K100V
C383	0160-4805	1		1	CAP-FXD 47pF +5% 100 V CER C0G	09939	RPA10C0G470J100V
C384	0160-4371	6		1	CAP-FXD 680pF +5% 100 V CER C0G	09939	RPE121-105C0G681J100V
C385	0160-4812	0		1	CAP-FXD 220pF +5% 100 V CER C0G	09939	RPA10C0G221J100V
C387	0160-4441	1		1	CAP-FXD 0.47uF +-10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C388	0160-4441	1		1	CAP-FXD 0.47uF +-10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C389	0160-4441	1		1	CAP-FXD 0.47uF +-10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C390	0160-4441	1		1	CAP-FXD 0.47uF +-10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C391	0160-4441	1		1	CAP-FXD 0.47uF +-10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C392	0160-4441	1		1	CAP-FXD 0.47uF +-10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C393	0160-3875	3		1	CAP-FXD 22pF +5% 200 V CER C0G	09939	RPE121-105C0G220J200V
C394	0160-4805	1		1	CAP-FXD 47pF +5% 100 V CER C0G	09939	RPA10C0G470J100V
C535	0160-3879	7		1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C536	0160-3879	7		1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C537	0160-3879	7		1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C539	0160-4387	4		1	CAP-FXD 47pF +5% 200 V CER C0G	09939	RPE121-105C0G470J200V
C540	0160-3879	7		1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C541	0160-3879	7		1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C542	0160-3879	7		1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V

**Indicates factory-selected value*

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HP Part Number 08561-60035
Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
C543	0160-0570	9	1	CAP-FXD 220pF \pm 20% 100 V CER X7R	09939	RPE121-105X7R221M100V
C544	0160-0570	9	1	CAP-FXD 220pF \pm 20% 100 V CER X7R	09939	RPE121-105X7R221M100V
C545	0160-6016	0	1	CAP-FXD 0.047uF \pm 10% 100 V CER X7R	09939	RPE122X7R473K100V
C546	0160-6016	0	1	CAP-FXD 0.047uF \pm 10% 100 V CER X7R	09939	RPE122X7R473K100V
C547	0160-4031	5	1	CAP-FXD 330pF \pm 5% 100 V CER C0G	09939	RPE121-105C0G331J100V
C548	0160-5405	9	1	CAP-FXD 130pF \pm 5% 100 V CER C0G	09939	RPA10C0G131J100V
C549	0160-4615	1	1	CAP-FXD 1200pF \pm 5% 100 V CER C0G	09939	RPE121-105C0G122J100V
C550	0160-3879	7	1	CAP-FXD 0.01uF \pm 20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C551	0160-4040	6	1	CAP-FXD 1000pF \pm 5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C552	0160-3879	7	1	CAP-FXD 0.01uF \pm 20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C554	0160-4497	7	1	CAP-FXD 82pF \pm 5% 200 V CER C0G	09939	RPE121-105C0G820J200V
C556	0160-3879	7	1	CAP-FXD 0.01uF \pm 20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C557	0160-4040	6	1	CAP-FXD 1000pF \pm 5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C558	0160-3879	7	1	CAP-FXD 0.01uF \pm 20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C560	0160-3875	3	1	CAP-FXD 22pF \pm 5% 200 V CER C0G	09939	RPE121-105C0G220J200V
C561	0160-6723	6	1	CAP-FXD 75pF \pm 5% 200 V CER C0G	09939	RPE121-105C0G750J200V
C562	0160-4521	8	1	CAP-FXD 12pF \pm 5% 200 V CER C0G	09939	RPE121-105C0G120J200V
C563	0160-4497	7	1	CAP-FXD 82pF \pm 5% 200 V CER C0G	09939	RPE121-105C0G820J200V
C564	0160-4524	1	1	CAP-FXD 24pF \pm 5% 200 V CER C0G	09939	RPE121-105C0G240J200V
C580	0160-4040	6	1	CAP-FXD 1000pF \pm 5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C581	0160-4040	6	1	CAP-FXD 1000pF \pm 5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C582	0160-4040	6	1	CAP-FXD 1000pF \pm 5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C589	0160-3874	2	1	CAP-FXD 10pF \pm 5% 200 V CER C0G	09939	RPE121-105C0G100D200V
C590	0160-4040	6	1	CAP-FXD 1000pF \pm 5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C591	0160-4031	5	1	CAP-FXD 330pF \pm 5% 100 V CER C0G	09939	RPE121-105C0G331J100V
C592	0160-4497	7	1	CAP-FXD 82pF \pm 5% 200 V CER C0G	09939	RPE121-105C0G820J200V
C601	0180-3831	3	1	CAP-FXD 10uF \pm 10% 35 V TA	04200	299D106X9035DB1
C602	0160-4084	8	1	CAP-FXD 0.1uF \pm 20% 50 V CER X7R	09939	RPE122-139X7R104M50V
C603	0160-4819	7	1	CAP-FXD 2200pF \pm 5% 100 V CER C0G	09939	RPA30C0G222J100VPT
C604	0160-4389	6	1	CAP-FXD 100pF \pm 5% 200 V CER C0G	09939	RPE121-105C0G101J200V
C606	0160-4387	4	1	CAP-FXD 47pF \pm 5% 200 V CER C0G	09939	RPE121-105COG470J200V
CR1	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03
CR2	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03
CR3	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03
CR4	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03

HP Part Number 08561-60035
Frequency Control (continued)

Reference Designator	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
CR5	1901-1098	1	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR6	1901-0880	7	1	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03
CR7	1901-1098	1	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR9	1901-1098	1	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR11	1901-0539	3	1	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR12	1901-0539	3	1	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR13	1901-0539	3	1	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR14	1901-0539	3	1	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR15	1901-0539	3	1	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR16	1901-0539	3	1	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR17	1901-0539	3	1	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR18	1901-0539	3	1	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR19	1901-0518	8	1	1	DIODE-SCHOTTKY SM SIG	02062	5082-5509
CR21	1901-1098	1	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR22	1901-0518	8	1	1	DIODE-SCHOTTKY SM SIG	02062	5082-5509
CR23	1901-0539	3	1	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR24	1901-1098	1	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR25	1901-1098	1	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR27	1901-1098	1	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR302	1901-1097	0	1	1	DIODE-PIN	02062	5082-5580
CR303	1901-1097	0	1	1	DIODE-PIN	02062	5082-5580
CR304	1901-0880	7	1	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03
CR305	1901-0880	7	1	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03
CR601	1901-1098	1	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
E503	9170-1366	3	1	1	CORE-SHIELDING BEAD	03827	2743001112
E504	9170-1366	3	1	1	CORE-SHIELDING BEAD	03827	2743001112
E505	9170-1366	3	1	1	CORE-SHIELDING BEAD	03827	2743001112
E506	9170-0029	3	1	1	CORE-SHIELDING BEAD	04822	57-3452
E507	9170-1366	3	1	1	CORE-SHIELDING BEAD	03827	2743001112
E508	9170-1366	3	1	1	CORE-SHIELDING BEAD	03827	2743001112
J1	1252-1064	4	1	1	CONN-POST TYPE .100-PIN-SPCG 50-CONT	01380	1-746878-0
J2	1252-1064	4	1	1	CONN-POST TYPE .100-PIN-SPCG 50-CONT	01380	1-746878-0
J3	1252-2007	7	1	1	CONN-POST TYPE .100-PIN-SPCG 9-CONT	02946	68451-125
J6	1252-2221	7	1	1	CONN-POST TYPE .100-PIN-SPCG 10-CONT	02946	69155-110
J7	1250-0543	8	1	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	07247	59S213-40TD3

**Indicates factory-selected value*

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HP Part Number 08561-60035
Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
J8	1252-2042	0	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	01380	644224-1
J9	1252-2040	8	1	CONN-POST TYPE .100-PIN-SPCG 4-CONT	01380	644220-1
J10	1252-2041	9	1	CONN-POST TYPE .100-PIN-SPCG 7-CONT	01380	644219-1
J11	1252-0523	8	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	01380	641216-3
J12	1252-2008	8	1	CONN-POST TYPE .100-PIN-SPCG 9-CONT	02946	68451-124
J14	1251-5033	3	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	02946	68001-603
J15	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J16	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J17	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J18	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J19	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J23	1251-5033	3	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	02946	68001-603
J301	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	07247	59S213-40TD3
J302	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J303	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J304	1250-0257	1	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	28480	1250-0257
J501	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	07247	59S213-40TD3
L1	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
L2	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
L3	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
L4	9100-0539	3	1	INDUCTOR RF-CH-MLD 10UH +5%	03706	21001M-5%
L5	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +5%	05826	1537-76
L6	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +5%	05826	1537-76
L7	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +5%	05826	1537-76
L8	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +5%	05826	1537-76
L201	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +5%	05826	1537-76
L301	9140-0158	6	1	INDUCTOR RF-CH-MLD 1UH +10%	03706	1A1002M +10%
L302	9100-2256	5	1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%
L303	9140-0400	1	1	INDUCTOR RF-CH-MLD 8.2UH +5%	03706	28202M-5%
L304	9100-2261	2	1	INDUCTOR RF-CH-MLD 2.7UH +10%	05826	1025-30
L305	9140-0400	1	1	INDUCTOR RF-CH-MLD 8.2UH +5%	03706	28202M-5%
L306	9100-2261	2	1	INDUCTOR RF-CH-MLD 2.7UH +10%	05826	1025-30
L307	9100-2891	4	1	INDUCTOR RF-CH-MLD 50NH +10%	03706	6-02729
L308	9135-0078	8	1	INDUCTOR RF-CH-MLD 82NH +5.61%	02172	
L309	9135-0071	1	1	INDUCTOR RF-CH-MLD 62NH +5.806%	02172	

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Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
L310	9140-0158	6	1	INDUCTOR RF-CH-MLD 1UH +10%	03706	1A1002M +10%
L311	9140-0158	6	1	INDUCTOR RF-CH-MLD 1UH +10%	03706	1A1002M +10%
L313	9100-2256	5	1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%
L314	9100-2247	4	1	INDUCTOR RF-CH-MLD 100NH +10%	03706	1A1003M+10%
L315	9100-2247	4	1	INDUCTOR RF-CH-MLD 100NH +10%	03706	1A1003M+10%
L316	9100-2261	2	1	INDUCTOR RF-CH-MLD 2.7UH +10%	05826	1025-30
L321	9100-2256	5	1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%
L322	9100-2256	5	1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%
L323	9100-2252	1	1	INDUCTOR RF-CH-MLD 270NH +10%	03706	1A2703M+10%
L512	9100-1788	6	1	CORE-FERRITE CHOKE-WIDEBAND;IMP:>680	11212	LB2/2.5ZB
L541	9140-0565	9	1	INDUCTOR RF-CH-MLD 43UH +5%	03706	6-02782
L560	9100-3314	8	1	INDUCTOR RF-CH-MLD 150NH +5%	03706	21503M-5%
L561	9100-2891	4	1	INDUCTOR RF-CH-MLD 50NH +10%	03706	6-02729
L562	9140-0450	1	1	INDUCTOR RF-CH-MLD 270NH +5%	03706	22703M-5%
L563	9100-2891	4	1	INDUCTOR RF-CH-MLD 50NH +10%	03706	6-02729
L564	9100-3314	8	1	INDUCTOR RF-CH-MLD 150NH +5%	03706	21503M-5%
L601	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
MP2	1205-0719	5	2	HEAT SINK SGL SPCL-HOLE-PATT	05792	7-374S4-1-M01-BA
MP3	1205-0720	8	1	HEAT SINK SGL SPCL-HOLE-PATT	05792	7-321S4-M01-BA
MP4	1205-0011	0	2	HEAT SINK TO-5/TO-39-CS	05792	TXBF-032-025B
MP5	1200-0173	5	3	INSULATOR-XSTR DAP-GL	02210	A-10001 DAP
MP7	3030-0133	8	3	SCREW-SKT HD CAP 6-32 .25-IN-LG SST	04418	
MP8	5021-6733	9	1		28480	5021-6733
MP9	5021-6734	0	1		28480	5021-6734
MP10	0340-1173	2	1	INSULATOR 0.015 IN THK G-10 MATERIAL	02739	B14-047-02
MP11	1258-0141	8	2	JUMPER-REMOVABLE FOR 0.025 IN SQ PINS	02946	65474-004
Q101	1855-0555	4	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	02883	VN0300L
Q102	1855-0241	5	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-72 SI	02883	SD215DE
Q103	1855-0555	4	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	02883	VN0300L
Q104	1855-0241	5	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-72 SI	02883	SD215DE
Q105	1855-0555	4	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	02883	VN0300L
Q106	1855-0280	2	1	TRANSISTOR J-FET N-CHAN D-MODE TO-92 SI	02883	E107
Q301	1855-0509	8	1	TRANSISTOR MOSFET P-CHAN E-MODE TO-220	03038	IRF9520
Q302	1855-0509	8	1	TRANSISTOR MOSFET P-CHAN E-MODE TO-220	03038	IRF9520
Q303	1855-0421	3	1	TRANSISTOR J-FET 2N5114 P-CHAN D-MODE	02883	2N5114

**Indicates factory-selected value*

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HP Part Number 08561-60035
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Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
Q304	1855-0421	3	1	TRANSISTOR J-FET 2N5114 P-CHAN D-MODE	02883	2N5114
Q305	1855-0414	4	1	TRANSISTOR J-FET 2N4393 N-CHAN D-MODE	02883	2N4393
Q306	1854-0637	1	1	TRANSISTOR NPN 2N2219A SI TO-5 PD=800MW	02037	2N2219A
Q307	1853-0314	9	1	TRANSISTOR PNP 2N2905A SI TO-39 PD=400MW	02037	2N2905A
Q308	1854-0477	7	1	TRANSISTOR NPN 2N2222A SI TO-18 PD=500MW	02037	2N2222A
Q310	1853-0281	9	1	TRANSISTOR PNP 2N2907A SI TO-18 PD=400MW	02037	2N2907A
Q311	1855-0522	5	1	TRANSISTOR MOSFET P-CHAN E-MODE SI	03038	IRFD9120
Q401	1853-0213	7	1	TRANSISTOR PNP 2N4236 SI TO-5 PD=1W	02037	2N4236
Q404	1855-0581	6	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-220	03038	IRF521
R1	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+100	05524	CMF-55-1
R2	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+100	05524	CMF-55-1
R3	0757-0401	0	1	RESISTOR 100 +1% .125W TF TC=0+100	05524	CMF-55-1
R5	0699-0642	7	1	RESISTOR 10K +0.1% .1W TF TC=0+5	05524	PTF-56-7
R6	0699-0533	5	1	RESISTOR 4.64K +0.1% .125W TF TC=0+25	01074	H8
R7	0698-8824	1	1	RESISTOR 562K +1% .125W TF TC=0+100	01074	H8
R8	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+100	05524	CMF-55-1
R9	0757-0279	0	1	RESISTOR 3.16K +1% .125W TF TC=0+100	05524	CMF-55-1
R10	0698-3450	9	1	RESISTOR 42.2K +1% .125W TF TC=0+100	05524	CMF-55-1
R11	0698-0084	9	1	RESISTOR 2.15K +1% .125W TF TC=0+100	05524	CMF-55-1
R12	0699-0642	7	1	RESISTOR 10K +0.1% .1W TF TC=0+5	05524	PTF-56-7
R13	0699-0642	7	1	RESISTOR 10K +0.1% .1W TF TC=0+5	05524	PTF-56-7
R14	0698-3442	9	1	RESISTOR 237 +1% .125W TF TC=0+100	05524	CMF-55-1
R15	0698-6322	0	1	RESISTOR 4K +0.1% .125W TF TC=0+25	05524	CMF-55-1, T-9
R16	0757-0443	0	1	RESISTOR 11K +1% .125W TF TC=0+100	05524	CMF-55-1
R17	0757-0288	1	1	RESISTOR 9.09K +1% .125W TF TC=0+100	05524	CMF-55-1
R18	0698-3153	9	1	RESISTOR 3.83K +1% .125W TF TC=0+100	05524	CMF-55-1
R19	0757-0279	0	1	RESISTOR 3.16K +1% .125W TF TC=0+100	05524	CMF-55-1
R20	0698-0083	8	1	RESISTOR 1.96K +1% .125W TF TC=0+100	05524	CMF-55-1
R21	0698-6322	0	1	RESISTOR 4K +0.1% .125W TF TC=0+25	05524	CMF-55-1, T-9
R22	0698-6322	0	1	RESISTOR 4K +0.1% .125W TF TC=0+25	05524	CMF-55-1, T-9
R23	0698-3450	9	1	RESISTOR 42.2K +1% .125W TF TC=0+100	05524	CMF-55-1
R24	0698-3460	1	1	RESISTOR 422K +1% .125W TF TC=0+100	05524	CMF-55-1
R25	0757-0200	7	1	RESISTOR 5.62K +1% .125W TF TC=0+100	05524	CMF-55-1
R26	0757-0420	3	1	RESISTOR 750 +1% .125W TF TC=0+100	05524	CMF-55-1
R27	0757-0440	7	1	RESISTOR 7.5K +1% .125W TF TC=0+100	05524	CMF-55-1

HP Part Number 08561-60035
Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
R28	0757-0465	6	1	RESISTOR 100K +1% .125W TF TC=0+-100	05524	CMF-55-1
R29	0698-8824	1	1	RESISTOR 562K +1% .125W TF TC=0+-100	01074	H8
R30	0757-0459	8	1	RESISTOR 56.2K +1% .125W TF TC=0+-100	05524	CMF-55-1
R31	0757-0465	6	1	RESISTOR 100K +1% .125W TF TC=0+-100	05524	CMF-55-1
R32	0698-6619	8	1	RESISTOR 15K +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R33	0698-6619	8	1	RESISTOR 15K +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R34	0698-3150	6	1	RESISTOR 2.37K +1% .125W TF TC=0+-100	05524	CMF-55-1
R35	0698-6360	6	1	RESISTOR 10K +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R36	0698-6360	6	1	RESISTOR 10K +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R37	0699-0642	7	1	RESISTOR 10K +0.1% .1W TF TC=0+-5	05524	PTF-56-7
R39	0699-0642	7	1	RESISTOR 10K +0.1% .1W TF TC=0+-5	05524	PTF-56-7
R40	0699-0118	2	1	RESISTOR 20K +0.1% .1W TF TC=0+-5	05524	PTF-56-7
R41	0699-0118	2	1	RESISTOR 20K +0.1% .1W TF TC=0+-5	05524	PTF-56-7
R42	2100-3863	5	1	RESISTOR-TRMR 200 10% TKF TOP-ADJ 17-TRN	03744	3299W-DM3-201
R43	0698-8821	8	1	RESISTOR 5.62 +1% .125W TF TC=0+-100	05524	CMF-55-1
R44	0699-0555	1	1	RESISTOR 100 +0.1% .3W MF TC=0+-5	02928	301464
R45	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+-100	05524	CMF-55-1
R46	0698-3155	1	1	RESISTOR 4.64K +1% .125W TF TC=0+-100	05524	CMF-55-1
R47	0698-7229	8	1	RESISTOR 511 +1% .05W TF TC=0+-100	05524	CMF-50-2
R48	0757-0394	0	1	RESISTOR 51.1 +1% .125W TF TC=0+-100	05524	CMF-55-1
R49	0698-7222	1	1	RESISTOR 261 +1% .05W TF TC=0+-100	05524	CMF-50-2
R50	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R51	0698-7283	4	1	RESISTOR 90.9K +1% .05W TF TC=0+-100	05524	CMF-50-2
R52	0698-3457	6	1	RESISTOR 316K +1% .125W TF TC=0+-100	05524	CMF-55-1
R53	0698-6320	8	1	RESISTOR 5K +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R54	0698-6320	8	1	RESISTOR 5K +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R55	0698-7255	0	1	RESISTOR 6.19K +1% .05W TF TC=0+-100	05524	CMF-50-2
R56	0698-7268	5	1	RESISTOR 21.5K +1% .05W TF TC=0+-100	05524	CMF-50-2
R57	0698-6967	9	1	RESISTOR 32.5K +1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R58	0698-6323	1	1	RESISTOR 100 +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R59	0698-7212	9	1	RESISTOR 100 +1% .05W TF TC=0+-100	05524	CMF-50-2
R60	0699-0555	1	1	RESISTOR 100 +0.1% .3W MF TC=0+-5	02928	301464
R61	0699-0555	1	1	RESISTOR 100 +0.1% .3W MF TC=0+-5	02928	301464
R62	0698-7198	0	1	RESISTOR 26.1 +1% .05W TF TC=0+-100	05524	CMF-50-2
R63	0757-0438	3	1	RESISTOR 5.11K +1% .125W TF TC=0+-100	05524	CMF-55-1

**Indicates factory-selected value*

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HP Part Number 08561-60035
Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
R64	0757-0438	3	1	RESISTOR 5.11K +1% .125W TF TC=0+-100	05524	CMF-55-1
R65	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+-100	05524	CMF-55-1
R66	0757-0401	0	1	RESISTOR 100 +1% .125W TF TC=0+-100	05524	CMF-55-1
R67	0757-0401	0	1	RESISTOR 100 +1% .125W TF TC=0+-100	05524	CMF-55-1
R68	0757-0401	0	1	RESISTOR 100 +1% .125W TF TC=0+-100	05524	CMF-55-1
R69	0698-3152	8	1	RESISTOR 3.48K +1% .125W TF TC=0+-100	05524	CMF-55-1
R70	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R71	0698-6322	0	1	RESISTOR 4K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R72	0698-6624	5	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R73	0757-0003	8	1	RESISTOR 26.1 +1% .5W TF TC=0+-100	05524	CMF-65-2
R74	0757-0003	8	1	RESISTOR 26.1 +1% .5W TF TC=0+-100	05524	CMF-65-2
R75	0698-3439	4	1	RESISTOR 178 +1% .125W TF TC=0+-100	05524	CMF-55-1
R76	2100-1774	3	1	RESISTOR-TRMR 2K 5% WW TOP-ADJ 1-TRN	06026	CT-100-4-2K
R77	0757-0003	8	1	RESISTOR 26.1 +1% .5W TF TC=0+-100	05524	CMF-65-2
R78	0698-3153	9	1	RESISTOR 3.83K +1% .125W TF TC=0+-100	05524	CMF-55-1
R79	0699-2107	3	1	RESISTOR 63.93K +-0.1% .125W TF TC=0+-5	06337	5023Z
R80	0699-2109	5	1	RESISTOR 25K +-0.1% .125W TF TC=0+-5	06337	5023Z
R81	0699-2108	4	1	RESISTOR 50K +-0.1% .125W TF TC=0+-5	06337	5023Z
R82	0699-2108	4	1	RESISTOR 50K +-0.1% .125W TF TC=0+-5	06337	5023Z
R83	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+-100	05524	CMF-55-1
R84	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R85	0698-7253	8	1	RESISTOR 5.11K +1% .05W TF TC=0+-100	05524	CMF-50-2
R86	0698-7253	8	1	RESISTOR 5.11K +1% .05W TF TC=0+-100	05524	CMF-50-2
R87	0698-6353	7	1	RESISTOR 50K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R88	0699-2113	1	1	RESISTOR 2K +-0.1% .125W TF TC=0+-5	06337	5023Z
R89	0699-2114	2	1	RESISTOR 1K +-0.1% .125W TF TC=0+-5	06337	5023Z
R90	0699-0118	2	1	RESISTOR 20K +-0.1% .1W TF TC=0+-5	05524	PTF-56-7
R91	0699-1823	8	1	RESISTOR 30 +1% .3W MF TC=0+-5	02928	301464
R92	0698-6620	1	1	RESISTOR 150K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R93	2100-3876	0	1	RESISTOR-TRMR 1K 10% TKF TOP-ADJ 17-TRN	03744	3299W-DM3-102
R94	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+-100	05524	CMF-55-1
R95	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R96	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R99	0757-0458	7	1	RESISTOR 51.1K +1% .125W TF TC=0+-100	05524	CMF-55-1
R100	0698-3152	8	1	RESISTOR 3.48K +1% .125W TF TC=0+-100	05524	CMF-55-1

HP Part Number 08561-60035
Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
R101	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R102	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R103	0698-7275	4	1	RESISTOR 42.2K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R104	0698-8827	4	1	RESISTOR 1M $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R105	0699-0642	7	1	RESISTOR 10K $\pm 0.1\%$.1W TF TC=0 \pm 5	05524	PTF-56-7
R106	0698-3440	7	1	RESISTOR 196 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R107	0757-0438	3	1	RESISTOR 5.11K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R108	0698-6320	8	1	RESISTOR 5K $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R109	0698-3153	9	1	RESISTOR 3.83K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R110	0757-0442	9	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R111	0757-0442	9	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R112	0699-2125	5	1	RESISTOR 643.7K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R113	0699-2111	9	1	RESISTOR 17.14K $\pm 0.1\%$.125W TF TC=0 \pm 5	06337	5023Z
R114	0699-2106	2	1	RESISTOR 100K $\pm 0.1\%$.125W TF TC=0 \pm 5	06337	5023Z
R115	0757-0465	6	1	RESISTOR 100K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R116	0757-0465	6	1	RESISTOR 100K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R120	0699-2104	0	1	RESISTOR 169.5K $\pm 0.1\%$.125W TF TC=0 \pm 5	06337	5023Z
R121	0699-0642	7	1	RESISTOR 10K $\pm 0.1\%$.1W TF TC=0 \pm 5	05524	PTF-56-7
R122	0699-2122	2	1	RESISTOR 55.5K $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1
R123	0698-6360	6	1	RESISTOR 10K $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R124	0757-0442	9	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R125	0757-0401	0	1	RESISTOR 100 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R126	0699-0555	1	1	RESISTOR 100 $\pm 0.1\%$.3W MF TC=0 \pm 5	02928	301464
R127	0699-1823	8	1	RESISTOR 30 $\pm 1\%$.3W MF TC=0 \pm 5	02928	301464
R128	0699-1823	8	1	RESISTOR 30 $\pm 1\%$.3W MF TC=0 \pm 5	02928	301464
R129	0757-0442	9	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R132	0699-2105	1	1	RESISTOR 150K $\pm 0.1\%$.125W TF TC=0 \pm 5	06337	5023Z
R135	0757-0442	9	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R137	0698-6360	6	1	RESISTOR 10K $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R138	0698-6362	8	1	RESISTOR 1K $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R139	0698-7912	6	1	RESISTOR 111.1 $\pm 0.25\%$.125W TF	05524	CMF-55-1, T-1
R142	0698-3161	9	1	RESISTOR 38.3K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R143	0698-3454	3	1	RESISTOR 215K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R144	0699-0118	2	1	RESISTOR 20K $\pm 0.1\%$.1W TF TC=0 \pm 5	05524	PTF-56-7
R145	0699-0642	7	1	RESISTOR 10K $\pm 0.1\%$.1W TF TC=0 \pm 5	05524	PTF-56-7

**Indicates factory-selected value*

CLIP 08561-90056 Frequency Control 13

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HP Part Number 08561-60035
Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R146	0698-8530	6	1	RESISTOR 64.9K $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1
R162	0698-3441	8	1	RESISTOR 215 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R164	0698-7218	5	1	RESISTOR 178 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R165	0698-7218	5	1	RESISTOR 178 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R166	0698-8958	2	1	RESISTOR 511K $\pm 1\%$.125W TF TC=0 \pm 100	01074	H8
R167	0698-8958	2	1	RESISTOR 511K $\pm 1\%$.125W TF TC=0 \pm 100	01074	H8
R168	0811-3587	5	1	RESISTOR 0 CWM	03123	104
R169	0811-3587	5	1	RESISTOR 0 CWM	03123	104
R170	0698-7240	3	1	RESISTOR 1.47K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R171	0698-7240	3	1	RESISTOR 1.47K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R172	0698-7247	0	1	RESISTOR 2.87K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R173	0698-7247	0	1	RESISTOR 2.87K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R175	0698-7212	9	1	RESISTOR 100 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R176	0698-7212	9	1	RESISTOR 100 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R177	0698-7212	9	1	RESISTOR 100 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R178	0698-7212	9	1	RESISTOR 100 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R179	0698-7212	9	1	RESISTOR 100 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R180	0698-7212	9	1	RESISTOR 100 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R301	0698-7250	5	1	RESISTOR 3.83K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R302	0698-7284	5	1	RESISTOR 100K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R303	0698-7263	0	1	RESISTOR 13.3K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R304	0757-0289	2	1	RESISTOR 13.3K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R305	0757-0289	2	1	RESISTOR 13.3K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R306	0757-0289	2	1	RESISTOR 13.3K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R307	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R308	0698-7253	8	1	RESISTOR 5.11K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R309	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R311	0698-7284	5	1	RESISTOR 100K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R312	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R313	0698-7284	5	1	RESISTOR 100K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R315	0757-0442	9	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R316	0757-0401	0	1	RESISTOR 100 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R317	0698-7229	8	1	RESISTOR 511 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R321	0698-3446	3	1	RESISTOR 383 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R322	0757-0394	0	1	RESISTOR 51.1 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1

HP Part Number 08561-60035
Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
R323	0698-7248	1	1	RESISTOR 3.16K +1% .05W TF TC=0+100	05524	CMF-50-2
R324	0698-7268	5	1	RESISTOR 21.5K +1% .05W TF TC=0+100	05524	CMF-50-2
R325	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+100	05524	CMF-50-2
R326	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+100	05524	CMF-55-1
R327	0698-7236	7	1	RESISTOR 1K +1% .05W TF TC=0+100	05524	CMF-50-2
R328	0698-7212	9	1	RESISTOR 100 +1% .05W TF TC=0+100	05524	CMF-50-2
R329	0757-0401	0	1	RESISTOR 100 +1% .125W TF TC=0+100	05524	CMF-55-1
R330	0698-7229	8	1	RESISTOR 511 +1% .05W TF TC=0+100	05524	CMF-50-2
R331	0757-1094	9	1	RESISTOR 1.47K +1% .125W TF TC=0+100	05524	CMF-55-1
R332	0699-0068	1	1	RESISTOR 1.47M +1% .125W TF TC=0+100	06118	MK2
R333	0698-3449	6	1	RESISTOR 28.7K +1% .125W TF TC=0+100	05524	CMF-55-1
R334	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+100	05524	CMF-55-1
R335	0757-0202	9	1	RESISTOR 13.7K +1% .125W TF TC=0+50	05524	CMF-55-1, T-2
R336	0698-3260	9	1	RESISTOR 464K +1% .125W TF TC=0+100	05524	CMF-55-1
R337	0698-3155	1	1	RESISTOR 4.64K +1% .125W TF TC=0+100	05524	CMF-55-1
R338	0698-3154	0	1	RESISTOR 4.22K +1% .125W TF TC=0+100	05524	CMF-55-1
R340	0698-3156	2	1	RESISTOR 14.7K +1% .125W TF TC=0+100	05524	CMF-55-1
R341	0698-7229	8	1	RESISTOR 511 +1% .05W TF TC=0+100	05524	CMF-50-2
R342	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+100	05524	CMF-55-1
R345	0698-7236	7	1	RESISTOR 1K +1% .05W TF TC=0+100	05524	CMF-50-2
R347	0757-0394	0	1	RESISTOR 51.1 +1% .125W TF TC=0+100	05524	CMF-55-1
R348	0757-0394	0	1	RESISTOR 51.1 +1% .125W TF TC=0+100	05524	CMF-55-1
R349	0757-0394	0	1	RESISTOR 51.1 +1% .125W TF TC=0+100	05524	CMF-55-1
R350	0698-7189	9	1	RESISTOR 11 +1% .05W TF TC=0+100	05524	CMF-50-2
R351	0698-7189	9	1	RESISTOR 11 +1% .05W TF TC=0+100	05524	CMF-50-2
R352	0698-7213	0	1	RESISTOR 110 +1% .05W TF TC=0+100	05524	CMF-50-2
R353	0698-7193	5	1	RESISTOR 16.2 +1% .05W TF TC=0+100	05524	CMF-50-2
R354	0698-7193	5	1	RESISTOR 16.2 +1% .05W TF TC=0+100	05524	CMF-50-2
R355	0698-7208	3	1	RESISTOR 68.1 +1% .05W TF TC=0+100	05524	CMF-50-2
R356	0698-7205	0	1	RESISTOR 51.1 +1% .05W TF TC=0+100	05524	CMF-50-2
R357	0698-7212	9	1	RESISTOR 100 +1% .05W TF TC=0+100	05524	CMF-50-2
R358	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+100	05524	CMF-50-2
R359	0698-7220	9	1	RESISTOR 215 +1% .05W TF TC=0+100	05524	CMF-50-2
R360	0698-7246	9	1	RESISTOR 2.61K +1% .05W TF TC=0+100	05524	CMF-50-2
R361	0698-7268	5	1	RESISTOR 21.5K +1% .05W TF TC=0+100	05524	CMF-50-2

**Indicates factory-selected value*

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HP Part Number 08561-60035
Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
R362	0698-7284	5	1	RESISTOR 100K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R363	0698-7268	5	1	RESISTOR 21.5K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R364	0698-7284	5	1	RESISTOR 100K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R365	0698-7229	8	1	RESISTOR 511 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R366	0698-7229	8	1	RESISTOR 511 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R367	0698-7241	4	1	RESISTOR 1.62K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R368	0757-0346	2	1	RESISTOR 10 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R369	0698-8615	8	1	RESISTOR 75K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R370	0698-7236	7	1	RESISTOR 1K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R371	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R372	0698-7241	4	1	RESISTOR 1.62K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R373	0698-7246	9	1	RESISTOR 2.61K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R375	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R376	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R377	0698-7284	5	1	RESISTOR 100K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R379	0698-3444	1	1	RESISTOR 316 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R380	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R381	0757-0420	3	1	RESISTOR 750 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R382	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R383	0698-7271	0	1	RESISTOR 28.7K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R384	0698-7248	1	1	RESISTOR 3.16K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R386	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R387	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R388	0698-7228	7	1	RESISTOR 464 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R389	0757-0438	3	1	RESISTOR 5.11K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R390	0698-7284	5	1	RESISTOR 100K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R391	0698-7278	7	1	RESISTOR 56.2K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R392	0698-7236	7	1	RESISTOR 1K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R396	0757-0401	0	1	RESISTOR 100 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R397	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R398	0699-0073	8	1	RESISTOR 10M $\pm 1\%$.125W TF TC=0 \pm 100	06118	MK2
R399	0699-0073	8	1	RESISTOR 10M $\pm 1\%$.125W TF TC=0 \pm 100	06118	MK2
R400	0699-0127	3	1	RESISTOR 464K $\pm 1\%$.05W TF TC=0 \pm 100	02499	RG-1/8-T050
R531	0698-7220	9	1	RESISTOR 215 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R532	0698-7220	9	1	RESISTOR 215 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2

HP Part Number 08561-60035
Frequency Control (continued)

Reference Designator	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
R533	0698-7228	7		1	RESISTOR 464 +1% .05W TF TC=0+100	05524	CMF-50-2
R534	0698-7228	7		1	RESISTOR 464 +1% .05W TF TC=0+100	05524	CMF-50-2
R535	0698-7228	7		1	RESISTOR 464 +1% .05W TF TC=0+100	05524	CMF-50-2
R541	0698-7205	0		1	RESISTOR 51.1 +1% .05W TF TC=0+100	05524	CMF-50-2
R542	0698-7212	9		1	RESISTOR 100 +1% .05W TF TC=0+100	05524	CMF-50-2
R543	0698-7236	7		1	RESISTOR 1K +1% .05W TF TC=0+100	05524	CMF-50-2
R544	0698-7205	0		1	RESISTOR 51.1 +1% .05W TF TC=0+100	05524	CMF-50-2
R545	0698-7220	9		1	RESISTOR 215 +1% .05W TF TC=0+100	05524	CMF-50-2
R548	0698-7220	9		1	RESISTOR 215 +1% .05W TF TC=0+100	05524	CMF-50-2
R551	0698-7284	5		1	RESISTOR 100K +1% .05W TF TC=0+100	05524	CMF-50-2
R552	0698-7235	6		1	RESISTOR 909 +1% .05W TF TC=0+100	05524	CMF-50-2
R553	0698-7235	6		1	RESISTOR 909 +1% .05W TF TC=0+100	05524	CMF-50-2
R554	0698-7219	6		1	RESISTOR 196 +1% .05W TF TC=0+100	05524	CMF-50-2
R562	0698-7205	0		1	RESISTOR 51.1 +1% .05W TF TC=0+100	05524	CMF-50-2
R563	0698-7205	0		1	RESISTOR 51.1 +1% .05W TF TC=0+100	05524	CMF-50-2
R564	0698-7236	7		1	RESISTOR 1K +1% .05W TF TC=0+100	05524	CMF-50-2
R570	0698-7236	7		1	RESISTOR 1K +1% .05W TF TC=0+100	05524	CMF-50-2
R571	0698-7225	4		1	RESISTOR 348 +1% .05W TF TC=0+100	05524	CMF-50-2
R580	0698-7236	7		1	RESISTOR 1K +1% .05W TF TC=0+100	05524	CMF-50-2
R581	0698-7234	5		1	RESISTOR 825 +1% .05W TF TC=0+100	05524	CMF-50-2
R583	0698-7193	5		1	RESISTOR 16.2 +1% .05W TF TC=0+100	05524	CMF-50-2
R584	0698-7212	9		1	RESISTOR 100 +1% .05W TF TC=0+100	05524	CMF-50-2
R585	0698-7225	4		1	RESISTOR 348 +1% .05W TF TC=0+100	05524	CMF-50-2
R586	0698-7212	9		1	RESISTOR 100 +1% .05W TF TC=0+100	05524	CMF-50-2
R587	0698-7197	9		1	RESISTOR 23.7 +1% .05W TF TC=0+100	05524	CMF-50-2
R588	0698-7205	0		1	RESISTOR 51.1 +1% .05W TF TC=0+100	05524	CMF-50-2
R589	0698-7205	0		1	RESISTOR 51.1 +1% .05W TF TC=0+100	05524	CMF-50-2
R590	0698-7225	4		1	RESISTOR 348 +1% .05W TF TC=0+100	05524	CMF-50-2
R591	0698-7236	7		1	RESISTOR 1K +1% .05W TF TC=0+100	05524	CMF-50-2
R592	0698-7188	8		1	RESISTOR 10 +1% .05W TF TC=0+100	05524	CMF-50-2
R593	0698-7228	7		1	RESISTOR 464 +1% .05W TF TC=0+100	05524	CMF-50-2
R594	0698-7228	7		1	RESISTOR 464 +1% .05W TF TC=0+100	05524	CMF-50-2
R601	0698-7260	7		1	RESISTOR 10K +1% .05W TF TC=0+100	05524	CMF-50-2
R602	0698-7260	7		1	RESISTOR 10K +1% .05W TF TC=0+100	05524	CMF-50-2
R603	0698-7260	7		1	RESISTOR 10K +1% .05W TF TC=0+100	05524	CMF-50-2

**Indicates factory-selected value*

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HP Part Number 08561-60035
Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
R604	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R619	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R620	0698-0084	9	1	RESISTOR 2.15K +1% .125W TF TC=0+-100	05524	CMF-55-1
R621	2100-4184	5	1	RESISTOR-TRMR 10K 10% TKF TOP-ADJ 1-TRN	03744	3329H-EG9-103
R623	0757-0416	7	1	RESISTOR 511 +1% .125W TF TC=0+-100	05524	CMF-55-1
R624	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+-100	05524	CMF-55-1
R625	0757-0416	7	1	RESISTOR 511 +1% .125W TF TC=0+-100	05524	CMF-55-1
R628	2100-4182	3	1	RESISTOR-TRMR 2K 10% TKF TOP-ADJ 1-TRN	03744	3329H-EG9-202
R629	0757-0289	2	1	RESISTOR 13.3K +1% .125W TF TC=0+-100	05524	CMF-55-1
R701	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R703	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R704	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R705	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R706	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R707	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R709	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R710	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R711	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R712	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R714	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R716	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R718	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R727	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R730	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R731	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R732	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
U101	1820-3964	2	1	IC PRESCR ECL	02037	MC12018P
U102	1813-0211	1	1	IC WIDEBAND AMPL TO-39	02037	MWA110
U103	1820-1888	5	1	IC PRESCR ECL	02037	MC12013P
U104	1820-1442	7	1	IC CNTR TTL/LS DECD ASYNCHRO	28480	1820-1442
U105	1820-0630	3	1	IC MISC ECL	02037	MC4044P
U106	1826-1640	9	1	IC COMPARATOR HS 8 PIN DIP-C	03406	LM360J
U107	1826-0285	6	1	IC V RGLTR-FXD-NEG -4.8/-5.2V 3-TO-92	02037	MC79L05ACP
U108	1826-0276	5	1	IC V RGLTR-FXD-POS 4.8/5.2V TO-92 PKG	02037	MC78L05ACP
U109	1826-1175	5	1	IC WIDEBAND AMPL VID 10 PIN TO-100	03406	LM733H

**HP Part Number 08561-60035
Frequency Control (continued)**

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
U110	1820-3405	6	1	IC MISC CMOS 4-BIT	02037	MC145146P
U111	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U112	1826-0791	9	1	SAMPLE AND HOLD 8 -DIP-P	03406	LF398N
U113	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U114	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U115	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U116	1826-1361	1	1	ANALOG SWITCH 4 SPST 16 -DIP-P	02883	DG212CJ
U117	0955-0113	1	1	U-WAVE MIXER 1 GHZ MAX	02739	TFM-2-38
U118	1813-0212	2	1	IC WIDEBAND AMPL TO-39	02037	MWA120
U119	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U120	1826-0890	9	1	IC OP AMP GP DUAL 8 PIN DIP-P	03406	LM358AN
U121	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U122	1826-0890	9	1	IC OP AMP GP DUAL 8 PIN DIP-P	03406	LM358AN
U123	1813-0211	1	1	IC WIDEBAND AMPL TO-39	02037	MWA110
U124	1820-3405	6	1	IC MISC CMOS 4-BIT	02037	MC145146P
U125	1826-0276	5	1	IC V RGLTR-FXD-POS 4.8/5.2V TO-92 PKG	02037	MC78L05ACP
U126	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U127	1820-3646	7	1	IC PRESCR ECL	02037	MC12015P
U128	1813-0211	1	1	IC WIDEBAND AMPL TO-39	02037	MWA110
U201	1813-0212	2	1	IC WIDEBAND AMPL TO-39	02037	MWA120
U202	1820-0920	4	1	IC RCVR ECL LINE RCVR QUAD 2-INP	02037	MC1692L
U203	1820-3485	2	1	IC PRESCR ECL	02037	MC12090P
U204	1820-1344	8	1	IC MISC ECL	02037	MC12040L
U205	1820-3485	2	1	IC PRESCR ECL	02037	MC12090P
U206	1810-0167	0	1	NETWORK-RES 8-SIP 330.0 OHM X 4	06252	750-83-R330
U207	1826-0371	1	1	IC OP AMP LOW-BIAS-H-IMPED 8 PIN TO-99	03406	LF256H
U301	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U302	1820-3079	0	1	IC DCDR CMOS/HC BIN 3-TO-8-LINE	28480	1820-3079
U303	1820-3079	0	1	IC DCDR CMOS/HC BIN 3-TO-8-LINE	28480	1820-3079
U304	1820-3079	0	1	IC DCDR CMOS/HC BIN 3-TO-8-LINE	28480	1820-3079
U305	1826-0605	4	1	ANALOG MULTIPLEXER 8 CHNL 16 -CERDIP	02883	DG508ABK
U306	1826-1012	9	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03799	HI1-0201-4
U307	1820-1934	2	1	D/A 8-BIT 16-CERDIP BPLR	03285	DAC-08EQ
U308	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U309	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848

**Indicates factory-selected value*

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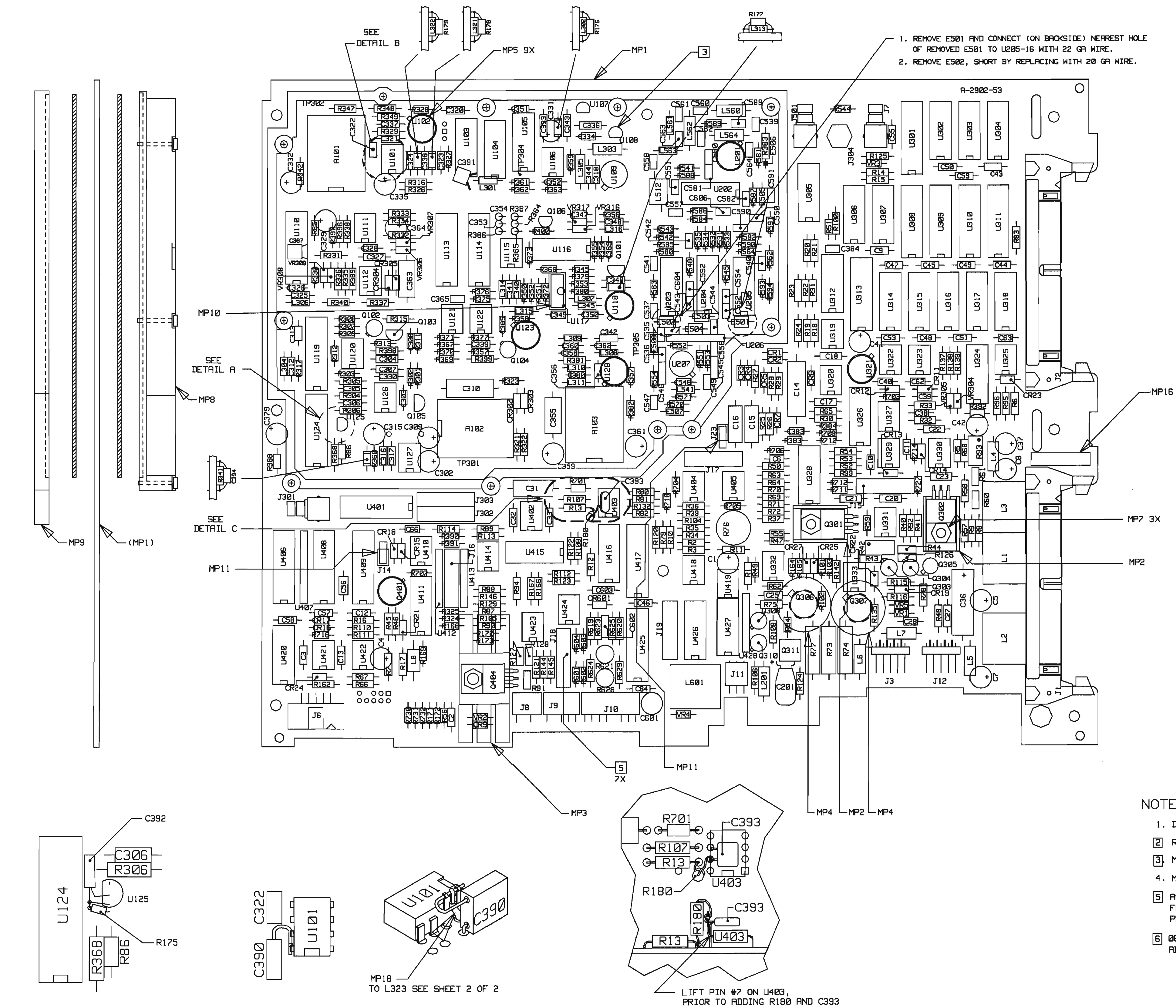
HP Part Number 08561-60035
Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
U310	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U311	1820-4586	6	1	IC DRVR CMOS/HCT LINE OCTL	28480	1820-4586
U312	1826-1012	9	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03799	HI1-0201-4
U313	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U314	1826-2239	4	1	D/A 12-BIT 16-PLASTIC CMOS	03285	AD7542KN
U315	1826-2239	4	1	D/A 12-BIT 16-PLASTIC CMOS	03285	AD7542KN
U316	1826-2239	4	1	D/A 12-BIT 16-PLASTIC CMOS	03285	AD7542KN
U317	1826-0811	4	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03285	SW-01FQ
U318	1826-0811	4	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03285	SW-01FQ
U319	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMP DUAL 8 PIN	02037	MC34002BU
U320	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMP DUAL 8 PIN	02037	MC34002BU
U321	1826-0367	5	1	IC V RGLTR-FXD-POS 4.8/5.2V TO-39 PKG	03406	LM78M05CH
U322	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U323	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U324	1826-1361	1	1	ANALOG SWITCH 4 SPST 16 -DIP-P	02883	DG212CJ
U325	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMP DUAL 8 PIN	02037	MC34002BU
U326	1826-1361	1	1	ANALOG SWITCH 4 SPST 16 -DIP-P	02883	DG212CJ
U327	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U328	1826-1116	4	1	IC OP AMP GP QUAD 14 PIN DIP-P	02290	RC4156DB
U329	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMP DUAL 8 PIN	02037	MC34002BU
U330	1826-0932	0	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27FZ
U331	1826-0932	0	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27FZ
U332	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U333	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMP DUAL 8 PIN	02037	MC34002BU
U401	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U402	1826-1543	1	1	IC OP AMP HS DUAL 8 PIN DIP-C	02037	MC34072AU
U403	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMP DUAL 8 PIN	02037	MC34002BU
U404	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMP DUAL 8 PIN	02037	MC34002BU
U405	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U406	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U407	1810-0527	6	1	NETWORK-RES 10-SIP 1.6K OHM X 9	02483	750-101-R1.6K
U408	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U409	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U410	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMP DUAL 8 PIN	02037	MC34002BU
U411	1826-0759	9	1	IC COMPARATOR GP QUAD 14 PIN DIP-C	03406	LM339J

**HP Part Number 08561-60035
Frequency Control (continued)**

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
U412	1810-1130	9	1	NETWORK-RES 8-SIP 47.0K OHM X 4	28480	1810-1130
U413	1810-0406	0	1	NETWORK-RES 8-SIP 10.0K OHM X 4	06252	750-83-R10K
U414	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U415	1826-0811	4	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03285	SW-01FQ
U416	1826-0811	4	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03285	SW-01FQ
U417	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U418	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U419	1826-1514	6	1	IC V RGLTR-V-REF-FXD 9.95/10.05V 8-DIP-P	10858	LT1021BCN8-10
U420	1820-1200	5	1	IC INV TTL/LS HEX	06347	HD74LS05P
U421	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U422	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U423	1826-1149	3	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-07EZ
U424	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U425	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U426	1810-0316	1	1	NETWORK-RES 16-DIP 10.0K OHM X 8	02483	761-3-R10K
U427	1826-0759	9	1	IC COMPARATOR GP QUAD 14 PIN DIP-C	03406	LM339J
U428	1810-0406	0	1	NETWORK-RES 8-SIP 10.0K OHM X 4	06252	750-83-R10K
VR1	1902-0579	3	1	DIODE-ZNR 5.1V 5% PD=1W IR=10UA	02037	1N4733ARL
VR2	1902-0579	3	1	DIODE-ZNR 5.1V 5% PD=1W IR=10UA	02037	1N4733ARL
VR3	1902-0202	9	1	DIODE-ZNR 15V 5% PD=1W IR=5UA	02037	1N4744ARL
VR4	1902-3104	6	1	DIODE-ZNR 5.62V 5% DO-35 PD=.4W	02037	SZ30016-1
VR5	1902-0554	4	1	DIODE-ZNR 10V 5% PD=1W IR=10UA	02037	1N4740ARL
VR304	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1
VR305	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1
VR306	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1
VR307	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1
VR308	1902-3139	7	1	DIODE-ZNR 8.25V 5% DO-35 PD=.4W	02037	SZ30016-1
VR309	1902-3139	7	1	DIODE-ZNR 8.25V 5% DO-35 PD=.4W	02037	SZ30016-1
VR316	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1
VR317	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1

E-08561-60035-2	
SYM	REVISIONS
A	RS ISSUED PER PCO 53-07449
	APPROVED DATE



NOTES: UNLESS OTHERWISE SPECIFIED

1. DIMENSIONS ARE IN INCHES.
2. REMOVE TABS AFTER WAVE SOLDER.
3. MAXIMUM COMPONENT HEIGHT .400.
4. MAXIMUM LEAD TRIM LENGTH .118.
5. ASSURE THAT PIN #9 HAS BEEN REMOVED FROM J15, J16, J17, J18, J19, J302, J303 PRIOR TO ASSEMBLY AND MACHINE SOLDER.
6. 08561-60035 USES RAW BOARD 08562-20055. ADD LABEL MP16 TO MAKE DISTINCTION.

SEE 08561-60035 MATERIAL LIST

DETAIL A
LIFT INPUT LEAD (PIN 3) OF U125
PRIOR TO ADDING R175

DETAIL B
1. LIFT PINS 7,8 FROM U101 PRIOR TO ADDING C390
2. INSERT MP18 THRU U101 PIN 8 HOLE IN BOARD
3. SOLDER MP18 TO C390 LEAD AS SHOWN

DETAIL C
LIFT PIN #7 ON U403,
PRIOR TO ADDING R180 AND C393
SCALE: NONE

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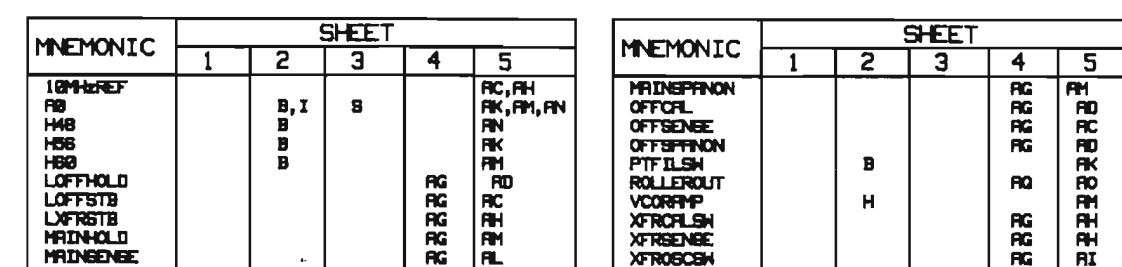
UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.
TOLERANCES: .00, .005 & .015
SEE COMP. MFG. 000

DESIGNED BY
ENGINEER/CHECKER
RELAYED TO PROD.
MANUFACTURED BY

DATE
BOARD ASSEMBLY-
FREQUENCY
CONTROL
TITLE
NONE
REV. 1 2
E-08561-60035-2

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08561-60035





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DRAWN BY _____
 ENGINEER/CHECKER _____
 RELEASE TO PROD. _____
 SUPERSEDES ING. _____

BOARD ASSEMBLY- FREQUENCY CONTROL TITLE (SCHEMATIC)
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SCALE NONE	FILENAME-003323 SHEET 5 OF 5
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**HEWLETT
PACKARD**

08561-60035

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Component-Level Information Packet for 08561-60036

Frequency Control



**HP Part No. 08561-90055
Printed in USA June 1992**

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HP Part Number 08561-60036
Frequency Control

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
A101	5062-7717	7	1		28480	5062-7717
A102	5062-8280	1	1		28480	5062-8280
A103	5062-7716	6	1		28480	5062-7716
C1	0180-3846	0	1	CAP-FXD 15uF +10% 25 V TA	04200	299D156X9025DB1
C2	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C3	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C4	0180-3831	3	1	CAP-FXD 10uF +10% 35 V TA	04200	299D106X9035DB1
C5	0180-3831	3	1	CAP-FXD 10uF +10% 35 V TA	04200	299D106X9035DB1
C6	0160-4805	1	1	CAP-FXD 47pF +5% 100 V CER C0G	09939	RPA10C0G470J100V
C7	0180-3831	3	1	CAP-FXD 10uF +10% 35 V TA	04200	299D106X9035DB1
C8	0180-3850	6	1	CAP-FXD 68uF +10% 10 V TA	04200	299D686X9010DB1
C9	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C10	0160-4554	7	1	CAP-FXD 0.01uF +20% 50 V CER X7R	09939	RPA10X7R103M50V
C11	0160-4554	7	1	CAP-FXD 0.01uF +20% 50 V CER X7R	09939	RPA10X7R103M50V
C12	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C13	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C14	0160-3402	2	1	CAP-FXD 1uF +5% 50 V POLYC-MET	13171	
C15	0160-5201	3	1	CAP-FXD 0.01uF +1% 200 V POLYC-MET	13171	
C16	0160-6326	5	1	CAP-FXD 1060pF +1% 50 V POLYC-MET	13171	
C17	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C18	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C20	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C21	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C22	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C23	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C25	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C27	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C28	0160-4831	3	1	CAP-FXD 4700pF +10% 100 V CER X7R	09939	RPA10X7R472K100V
C31	0160-0298	8	1	CAP-FXD 1500pF +10% 200 V POLYE-FL	02367	WMC2D15
C32	0160-5422	0	1	CAP-FXD 0.047uF +20% 50 V CER X7R	09939	RPA20X7R473M50V
C33	0160-5422	0	1	CAP-FXD 0.047uF +20% 50 V CER X7R	09939	RPA20X7R473M50V
C36	0180-0058	0	1	CAP-FXD 47uF +20% 25 V AL-ELCTLT	28480	0180-0058
C37	0180-3850	6	1	CAP-FXD 68uF +10% 10 V TA	04200	299D686X9010DB1
C38	0160-4808	4	1	CAP-FXD 470pF +5% 100 V CER C0G	09939	RPA10C0G471J100V
C39	0160-4808	4	1	CAP-FXD 470pF +5% 100 V CER C0G	09939	RPA10C0G471J100V

**HP Part Number 08561-60036
Frequency Control (continued)**

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C40	0160-4554	7	1	CAP-FXD 0.01uF +20% 50 V CER X7R	09939	RPA10X7R103M50V
C41	0180-3771	0	1	CAP-FXD 1uF +10% 35 V TA	04200	299D105X9035AB1
C42	0180-3831	3	1	CAP-FXD 10uF +10% 35 V TA	04200	299D106X9035DB1
C43	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C44	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C45	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C46	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C47	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C48	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C49	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C50	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C51	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C53	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C55	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C56	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C57	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C58	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C59	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C62	0160-4801	7	1	CAP-FXD 100pF +5% 100 V CER C0G	09939	RPA10C0G101J100V
C63	0160-4801	7	1	CAP-FXD 100pF +5% 100 V CER C0G	09939	RPA10C0G101J100V
C64	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C66	0160-4791	4	1	CAP-FXD 10pF +5% 100 V CER C0G	09939	RPA10C0G100D100
C201	0180-0500	7	1	CAP-FXD 47uF +20% 20 V TA	04200	199D1114
C302	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C303	0160-4830	2	1	CAP-FXD 2200pF +10% 100 V CER X7R	09939	RPA10X7R222K100V
C304	0160-4833	5	1	CAP-FXD 0.022uF +10% 100 V CER X7R	09939	RPA20X7R223K100V
C305	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C306	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C307	0160-4833	5	1	CAP-FXD 0.022uF +10% 100 V CER X7R	09939	RPA20X7R223K100V
C308	0160-4830	2	1	CAP-FXD 2200pF +10% 100 V CER X7R	09939	RPA10X7R222K100V
C309	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C310	0160-4233	9	1	CAP-FXD 0.47uF +5% 50 V POLYC-MET	13171	
C312	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C313	0160-4801	7	1	CAP-FXD 100pF +5% 100 V CER C0G	09939	RPA10C0G101J100V
C315	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003

**Indicates factory-selected value*

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HP Part Number 08561-60036
Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C316	0160-4822	2	1	CAP-FXD 1000pF \pm 5% 100 V CER C0G	09939	RPA20C0G102J100V
C317	0160-4822	2	1	CAP-FXD 1000pF \pm 5% 100 V CER C0G	09939	RPA20C0G102J100V
C318	0160-4814	2	1	CAP-FXD 150pF \pm 5% 100 V CER C0G	09939	RPA10C0G151J100V
C320	0160-4822	2	1	CAP-FXD 1000pF \pm 5% 100 V CER C0G	09939	RPA20C0G102J100V
C321	0160-4822	2	1	CAP-FXD 1000pF \pm 5% 100 V CER C0G	09939	RPA20C0G102J100V
C322	0160-4040	6	1	CAP-FXD 1000pF \pm 5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C323	0160-4822	2	1	CAP-FXD 1000pF \pm 5% 100 V CER C0G	09939	RPA20C0G102J100V
C324	0160-4832	4	1	CAP-FXD 0.01uF \pm 10% 100 V CER X7R	09939	RPA10X7R103K100V
C325	0160-4832	4	1	CAP-FXD 0.01uF \pm 10% 100 V CER X7R	09939	RPA10X7R103K100V
C326	0160-4801	7	1	CAP-FXD 100pF \pm 5% 100 V CER C0G	09939	RPA10C0G101J100V
C327	0160-4846	0	1	CAP-FXD 1500pF \pm 5% 100 V CER C0G	09939	RPA20COG152J100VPT
C328	0160-4814	2	1	CAP-FXD 150pF \pm 5% 100 V CER C0G	09939	RPA10C0G151J100V
C329	0180-4003	3	1	CAP-FXD 10uF \pm 10% 25 V TA	28480	0180-4003
C330	0160-4832	4	1	CAP-FXD 0.01uF \pm 10% 100 V CER X7R	09939	RPA10X7R103K100V
C331	0180-4003	3	1	CAP-FXD 10uF \pm 10% 25 V TA	28480	0180-4003
C332	0180-4003	3	1	CAP-FXD 10uF \pm 10% 25 V TA	28480	0180-4003
C333	0160-4835	7	1	CAP-FXD 0.1uF \pm 10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C334	0160-4814	2	1	CAP-FXD 150pF \pm 5% 100 V CER C0G	09939	RPA10C0G151J100V
C335	0180-4003	3	1	CAP-FXD 10uF \pm 10% 25 V TA	28480	0180-4003
C336	0160-4835	7	1	CAP-FXD 0.1uF \pm 10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C337	0160-4822	2	1	CAP-FXD 1000pF \pm 5% 100 V CER C0G	09939	RPA20C0G102J100V
C338	0160-4822	2	1	CAP-FXD 1000pF \pm 5% 100 V CER C0G	09939	RPA20C0G102J100V
C339	0160-4822	2	1	CAP-FXD 1000pF \pm 5% 100 V CER C0G	09939	RPA20C0G102J100V
C340	0160-4822	2	1	CAP-FXD 1000pF \pm 5% 100 V CER C0G	09939	RPA20C0G102J100V
C341	0160-4832	4	1	CAP-FXD 0.01uF \pm 10% 100 V CER X7R	09939	RPA10X7R103K100V
C342	0160-4822	2	1	CAP-FXD 1000pF \pm 5% 100 V CER C0G	09939	RPA20C0G102J100V
C343	0160-4835	7	1	CAP-FXD 0.1uF \pm 10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C344	0160-4832	4	1	CAP-FXD 0.01uF \pm 10% 100 V CER X7R	09939	RPA10X7R103K100V
C345	0160-4832	4	1	CAP-FXD 0.01uF \pm 10% 100 V CER X7R	09939	RPA10X7R103K100V
C346	0160-4822	2	1	CAP-FXD 1000pF \pm 5% 100 V CER C0G	09939	RPA20C0G102J100V
C347	0160-4830	2	1	CAP-FXD 2200pF \pm 10% 100 V CER X7R	09939	RPA10X7R222K100V
C348	0160-4832	4	1	CAP-FXD 0.01uF \pm 10% 100 V CER X7R	09939	RPA10X7R103K100V
C349	0160-4804	0	1	CAP-FXD 56pF \pm 5% 100 V CER C0G	09939	RPA10COG560J100
C350	0160-4804	0	1	CAP-FXD 56pF \pm 5% 100 V CER C0G	09939	RPA10COG560J100
C351	0160-4814	2	1	CAP-FXD 150pF \pm 5% 100 V CER C0G	09939	RPA10C0G151J100V

**HP Part Number 08561-60036
Frequency Control (continued)**

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
C352	0160-4814	2	1	CAP-FXD 150pF +5% 100 V CER C0G	09939	RPA10C0G151J100V
C353	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C354	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C355	0160-3661	5	1	CAP-FXD 0.1uF +5% 50 V POLYC-MET	13171	
C356	0160-4574	1	1	CAP-FXD 1000pF +10% 100 V CER X7R	09939	RPA10X7R102K100V
C357	0160-4807	3	1	CAP-FXD 33pF +5% 100 V CER C0G	09939	RPA10COG330J100
C358	0160-4805	1	1	CAP-FXD 47pF +5% 100 V CER C0G	09939	RPA10C0G470J100V
C359	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C360	0160-4791	4	1	CAP-FXD 10pF +5% 100 V CER C0G	09939	RPA10C0G100D100
C361	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C362	0160-4786	7	1	CAP-FXD 27pF +5% 100 V CER C0G	09939	RPA10COG270J100
C363	0160-4233	9	1	CAP-FXD 0.47uF +5% 50 V POLYC-MET	13171	
C364	0180-3771	0	1	CAP-FXD 1uF +10% 35 V TA	04200	299D105X9035AB1
C365	0160-3878	6	1	CAP-FXD 1000pF +20% 100 V CER X7R	09939	RPE121-105X7R102M100V
C369	0160-4830	2	1	CAP-FXD 2200pF +10% 100 V CER X7R	09939	RPA10X7R222K100V
C379	0180-3845	9	1	CAP-FXD 4.7uF +10% 35 V TA	04200	299D475X9035CB1
C380	0160-4574	1	1	CAP-FXD 1000pF +10% 100 V CER X7R	09939	RPA10X7R102K100V
C383	0160-4805	1	1	CAP-FXD 47pF +5% 100 V CER C0G	09939	RPA10C0G470J100V
C384	0160-4371	6	1	CAP-FXD 680pF +5% 100 V CER C0G	09939	RPE121-105C0G681J100V
C385	0160-4812	0	1	CAP-FXD 220pF +5% 100 V CER C0G	09939	RPA10C0G221J100V
C387	0160-4441	1	1	CAP-FXD 0.47uF +10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C388	0160-4441	1	1	CAP-FXD 0.47uF +10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C389	0160-4441	1	1	CAP-FXD 0.47uF +10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C390	0160-4441	1	1	CAP-FXD 0.47uF +10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C391	0160-4441	1	1	CAP-FXD 0.47uF +10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C392	0160-4441	1	1	CAP-FXD 0.47uF +10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C393	0160-3875	3	1	CAP-FXD 22pF +5% 200 V CER C0G	09939	RPE121-105C0G220J200V
C394	0160-4805	1	1	CAP-FXD 47pF +5% 100 V CER C0G	09939	RPA10C0G470J100V
C535	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C536	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C537	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C539	0160-4387	4	1	CAP-FXD 47pF +5% 200 V CER C0G	09939	RPE121-105COG470J200V
C540	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C541	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C542	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V

**Indicates factory-selected value*

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HP Part Number 08561-60036
Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C543	0160-0570	9	1	CAP-FXD 220pF +20% 100 V CER X7R	09939	RPE121-105X7R221M100V
C544	0160-0570	9	1	CAP-FXD 220pF +20% 100 V CER X7R	09939	RPE121-105X7R221M100V
C545	0160-6016	0	1	CAP-FXD 0.047uF +10% 100 V CER X7R	09939	RPE122X7R473K100V
C546	0160-6016	0	1	CAP-FXD 0.047uF +10% 100 V CER X7R	09939	RPE122X7R473K100V
C547	0160-4031	5	1	CAP-FXD 330pF +5% 100 V CER C0G	09939	RPE121-105C0G331J100V
C548	0160-5405	9	1	CAP-FXD 130pF +5% 100 V CER C0G	09939	RPA10C0G131J100V
C549	0160-4615	1	1	CAP-FXD 1200pF +5% 100 V CER C0G	09939	RPE121-105C0G122J100V
C550	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C551	0160-4040	6	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C552	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C554	0160-4497	7	1	CAP-FXD 82pF +5% 200 V CER C0G	09939	RPE121-105C0G820J200V
C556	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C557	0160-4040	6	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C558	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C560	0160-3875	3	1	CAP-FXD 22pF +5% 200 V CER C0G	09939	RPE121-105C0G220J200V
C561	0160-6723	6	1	CAP-FXD 75pF +5% 200 V CER C0G	09939	RPE121-105C0G750J200V
C562	0160-4521	8	1	CAP-FXD 12pF +5% 200 V CER C0G	09939	RPE121-105C0G120J200V
C563	0160-4497	7	1	CAP-FXD 82pF +5% 200 V CER C0G	09939	RPE121-105C0G820J200V
C564	0160-4524	1	1	CAP-FXD 24pF +5% 200 V CER C0G	09939	RPE121-105C0G240J200V
C580	0160-4040	6	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C581	0160-4040	6	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C582	0160-4040	6	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C589	0160-3874	2	1	CAP-FXD 10pF +5% 200 V CER C0G	09939	RPE121-105C0G100D200V
C590	0160-4040	6	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C591	0160-4031	5	1	CAP-FXD 330pF +5% 100 V CER C0G	09939	RPE121-105C0G331J100V
C592	0160-4497	7	1	CAP-FXD 82pF +5% 200 V CER C0G	09939	RPE121-105C0G820J200V
C601	0180-3831	3	1	CAP-FXD 10uF +10% 35 V TA	04200	299D106X9035DB1
C602	0160-4084	8	1	CAP-FXD 0.1uF +20% 50 V CER X7R	09939	RPE122-139X7R104M50V
C603	0160-4819	7	1	CAP-FXD 2200pF +5% 100 V CER C0G	09939	RPA30C0G222J100VPT
C604	0160-4389	6	1	CAP-FXD 100pF +5% 200 V CER C0G	09939	RPE121-105C0G101J200V
C606	0160-4387	4	1	CAP-FXD 47pF +5% 200 V CER C0G	09939	RPE121-105C0G470J200V
CR1	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03
CR2	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03
CR3	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03
CR4	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03

HP Part Number 08561-60036
Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
CR5	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	FDH5323.03
CR6	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	
CR7	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR9	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR11	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	
CR12	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR13	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR14	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR15	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR16	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR17	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR18	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR19	1901-0518	8	1	DIODE-SCHOTTKY SM SIG	02062	5082-5509
CR21	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	5082-5509
CR22	1901-0518	8	1	DIODE-SCHOTTKY SM SIG	02062	
CR23	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR24	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	5082-5580
CR25	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR27	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR302	1901-1097	0	1	DIODE-PIN	02062	
CR303	1901-1097	0	1	DIODE-PIN	02062	5082-5580
CR304	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03
CR305	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03
CR601	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	2743001112
E503	9170-1366	3	1	CORE-SHIELDING BEAD	03827	
E504	9170-1366	3	1	CORE-SHIELDING BEAD	03827	
E505	9170-1366	3	1	CORE-SHIELDING BEAD	03827	
E506	9170-0029	3	1	CORE-SHIELDING BEAD	04822	
E507	9170-1366	3	1	CORE-SHIELDING BEAD	03827	
E508	9170-1366	3	1	CORE-SHIELDING BEAD	03827	
J1	1252-1064	4	1	CONN-POST TYPE .100-PIN-SPCG 50-CONT	01380	1-746878-0
J2	1252-1064	4	1	CONN-POST TYPE .100-PIN-SPCG 50-CONT	01380	1-746878-0
J3	1252-2007	7	1	CONN-POST TYPE .100-PIN-SPCG 9-CONT	02946	68451-125
J6	1252-2221	7	1	CONN-POST TYPE .100-PIN-SPCG 10-CONT	02946	69155-110
J7	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	07247	59S213-40TD3

**Indicates factory-selected value*

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HP Part Number 08561-60036
Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
J8	1252-2042	0	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	01380	644224-1
J9	1252-2040	8	1	CONN-POST TYPE .100-PIN-SPCG 4-CONT	01380	644220-1
J10	1252-2041	9	1	CONN-POST TYPE .100-PIN-SPCG 7-CONT	01380	644219-1
J11	1252-0523	8	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	01380	641216-3
J12	1252-2008	8	1	CONN-POST TYPE .100-PIN-SPCG 9-CONT	02946	68451-124
J14	1251-5033	3	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	02946	68001-603
J15	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J16	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J17	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J18	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J19	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J23	1251-5033	3	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	02946	68001-603
J301	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	07247	59S213-40TD3
J302	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J303	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J304	1250-0257	1	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	28480	1250-0257
J501	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	07247	59S213-40TD3
L1	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
L2	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
L3	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
L4	9100-0539	3	1	INDUCTOR RF-CH-MLD 10UH +5%	03706	21001M-5%
L5	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +5%	05826	1537-76
L6	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +5%	05826	1537-76
L7	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +5%	05826	1537-76
L8	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +5%	05826	1537-76
L201	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +5%	05826	1537-76
L301	9140-0158	6	1	INDUCTOR RF-CH-MLD 1UH +10%	03706	1A1002M +10%
L302	9100-2256	5	1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%
L303	9140-0400	1	1	INDUCTOR RF-CH-MLD 8.2UH +5%	03706	28202M-5%
L304	9100-2261	2	1	INDUCTOR RF-CH-MLD 2.7UH +10%	05826	1025-30
L305	9140-0400	1	1	INDUCTOR RF-CH-MLD 8.2UH +5%	03706	28202M-5%
L306	9100-2261	2	1	INDUCTOR RF-CH-MLD 2.7UH +10%	05826	1025-30
L307	9100-2891	4	1	INDUCTOR RF-CH-MLD 50NH +10%	03706	6-02729
L308	9135-0078	8	1	INDUCTOR RF-CH-MLD 82NH +5.61%	02172	
L309	9135-0071	1	1	INDUCTOR RF-CH-MLD 62NH +5.806%	02172	

**HP Part Number 08561-60036
Frequency Control (continued)**

Reference Designator	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
L310	9140-0158	6		1	INDUCTOR RF-CH-MLD 1UH +10%	03706	1A1002M +10%
L311	9140-0158	6		1	INDUCTOR RF-CH-MLD 1UH +10%	03706	1A1002M +10%
L313	9100-2256	5		1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%
L314	9100-2247	4		1	INDUCTOR RF-CH-MLD 100NH +10%	03706	1A1003M+10%
L315	9100-2247	4		1	INDUCTOR RF-CH-MLD 100NH +10%	03706	1A1003M+10%
L316	9100-2261	2		1	INDUCTOR RF-CH-MLD 2.7UH +10%	05826	1025-30
L321	9100-2256	5		1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%
L322	9100-2256	5		1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%
L323	9100-2252	1		1	INDUCTOR RF-CH-MLD 270NH +10%	03706	1A2703M+10%
L512	9100-1788	6		1	CORE-FERRITE CHOKE-WIDEBAND;IMP:>680	11212	LB2/2.5ZB
L541	9140-0565	9		1	INDUCTOR RF-CH-MLD 43UH +5%	03706	6-02782
L560	9100-3314	8		1	INDUCTOR RF-CH-MLD 150NH +5%	03706	21503M-5%
L561	9100-2891	4		1	INDUCTOR RF-CH-MLD 50NH +10%	03706	6-02729
L562	9140-0450	1		1	INDUCTOR RF-CH-MLD 270NH +5%	03706	22703M-5%
L563	9100-2891	4		1	INDUCTOR RF-CH-MLD 50NH +10%	03706	6-02729
L564	9100-3314	8		1	INDUCTOR RF-CH-MLD 150NH +5%	03706	21503M-5%
L601	9140-0738	8		1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
MP2	1205-0719	5		2	HEAT SINK SGL SPCL-HOLE-PATT	05792	7-374S4-1-M01-BA
MP3	1205-0720	8		1	HEAT SINK SGL SPCL-HOLE-PATT	05792	7-321S4-M01-BA
MP4	1205-0011	0		2	HEAT SINK TO-5/TO-39-CS	05792	TXBF-032-025B
MP5	1200-0173	5		3	INSULATOR-XSTR DAP-GL	02210	A-10001 DAP
MP7	3030-0133	8		3	SCREW-SKT HD CAP 6-32 .25-IN-LG SST	04418	
MP8	5021-6733	9		1		28480	5021-6733
MP9	5021-6734	0		1		28480	5021-6734
MP10	0340-1173	2		1	INSULATOR 0.015 IN THK G-10 MATERIAL	02739	B14-047-02
MP11	1258-0141	8		2	JUMPER-REMOVABLE FOR 0.025 IN SQ PINS	02946	65474-004
Q101	1855-0555	4		1	TRANSISTOR MOSFET N-CHAN E-MODE SI	02883	VN0300L
Q102	1855-0241	5		1	TRANSISTOR MOSFET N-CHAN E-MODE TO-72 SI	02883	SD215DE
Q103	1855-0555	4		1	TRANSISTOR MOSFET N-CHAN E-MODE SI	02883	VN0300L
Q104	1855-0241	5		1	TRANSISTOR MOSFET N-CHAN E-MODE TO-72 SI	02883	SD215DE
Q105	1855-0555	4		1	TRANSISTOR MOSFET N-CHAN E-MODE SI	02883	VN0300L
Q106	1855-0280	2		1	TRANSISTOR J-FET N-CHAN D-MODE TO-92 SI	02883	E107
Q301	1855-0509	8		1	TRANSISTOR MOSFET P-CHAN E-MODE TO-220	03038	IRF9520
Q302	1855-0509	8		1	TRANSISTOR MOSFET P-CHAN E-MODE TO-220	03038	IRF9520
Q303	1855-0421	3		1	TRANSISTOR J-FET 2N5114 P-CHAN D-MODE	02883	2N5114

**Indicates factory-selected value*

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HP Part Number 08561-60036
Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
Q304	1855-0421	3	1	TRANSISTOR J-FET 2N5114 P-CHAN D-MODE	02883	2N5114
Q305	1855-0414	4	1	TRANSISTOR J-FET 2N4393 N-CHAN D-MODE	02883	2N4393
Q306	1854-0637	1	1	TRANSISTOR NPN 2N2219A SI TO-5 PD=800MW	02037	2N2219A
Q307	1853-0314	9	1	TRANSISTOR PNP 2N2905A SI TO-39 PD=400MW	02037	2N2905A
Q308	1854-0477	7	1	TRANSISTOR NPN 2N2222A SI TO-18 PD=500MW	02037	2N2222A
Q310	1853-0281	9	1	TRANSISTOR PNP 2N2907A SI TO-18 PD=400MW	02037	2N2907A
Q311	1855-0522	5	1	TRANSISTOR MOSFET P-CHAN E-MODE SI	03038	IRFD9120
Q401	1853-0213	7	1	TRANSISTOR PNP 2N4236 SI TO-5 PD=1W	02037	2N4236
Q404	1855-0581	6	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-220	03038	IRF521
R1	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R2	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R3	0757-0401	0	1	RESISTOR 100 +1% .125W TF TC=0+-100	05524	CMF-55-1
R5	0699-0642	7	1	RESISTOR 10K +0.1% .1W TF TC=0+-5	05524	PTF-56-7
R6	0699-0533	5	1	RESISTOR 4.64K +0.1% .125W TF TC=0+-25	01074	H8
R7	0698-8824	1	1	RESISTOR 562K +1% .125W TF TC=0+-100	01074	H8
R8	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R9	0757-0279	0	1	RESISTOR 3.16K +1% .125W TF TC=0+-100	05524	CMF-55-1
R10	0698-3450	9	1	RESISTOR 42.2K +1% .125W TF TC=0+-100	05524	CMF-55-1
R11	0698-0084	9	1	RESISTOR 2.15K +1% .125W TF TC=0+-100	05524	CMF-55-1
R12	0699-0642	7	1	RESISTOR 10K +0.1% .1W TF TC=0+-5	05524	PTF-56-7
R13	0699-0642	7	1	RESISTOR 10K +0.1% .1W TF TC=0+-5	05524	PTF-56-7
R14	0698-3442	9	1	RESISTOR 237 +1% .125W TF TC=0+-100	05524	CMF-55-1
R15	0698-6322	0	1	RESISTOR 4K +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R16	0757-0443	0	1	RESISTOR 11K +1% .125W TF TC=0+-100	05524	CMF-55-1
R17	0757-0288	1	1	RESISTOR 9.09K +1% .125W TF TC=0+-100	05524	CMF-55-1
R18	0698-3153	9	1	RESISTOR 3.83K +1% .125W TF TC=0+-100	05524	CMF-55-1
R19	0757-0279	0	1	RESISTOR 3.16K +1% .125W TF TC=0+-100	05524	CMF-55-1
R20	0698-0083	8	1	RESISTOR 1.96K +1% .125W TF TC=0+-100	05524	CMF-55-1
R21	0698-6322	0	1	RESISTOR 4K +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R22	0698-6322	0	1	RESISTOR 4K +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R23	0698-3450	9	1	RESISTOR 42.2K +1% .125W TF TC=0+-100	05524	CMF-55-1
R24	0698-3460	1	1	RESISTOR 422K +1% .125W TF TC=0+-100	05524	CMF-55-1
R25	0757-0200	7	1	RESISTOR 5.62K +1% .125W TF TC=0+-100	05524	CMF-55-1
R26	0757-0420	3	1	RESISTOR 750 +1% .125W TF TC=0+-100	05524	CMF-55-1
R27	0757-0440	7	1	RESISTOR 7.5K +1% .125W TF TC=0+-100	05524	CMF-55-1

**HP Part Number 08561-60036
Frequency Control (continued)**

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
R28	0757-0465	6	1	RESISTOR 100K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R29	0698-8824	1	1	RESISTOR 562K $\pm 1\%$.125W TF TC=0 \pm 100	01074	H8
R30	0757-0459	8	1	RESISTOR 56.2K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R31	0757-0465	6	1	RESISTOR 100K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R32	0698-6619	8	1	RESISTOR 15K $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R33	0698-6619	8	1	RESISTOR 15K $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R34	0698-3150	6	1	RESISTOR 2.37K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R35	0698-6360	6	1	RESISTOR 10K $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R36	0698-6360	6	1	RESISTOR 10K $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R37	0699-0642	7	1	RESISTOR 10K $\pm 0.1\%$.1W TF TC=0 \pm 5	05524	PTF-56-7
R39	0699-0642	7	1	RESISTOR 10K $\pm 0.1\%$.1W TF TC=0 \pm 5	05524	PTF-56-7
R40	0699-0118	2	1	RESISTOR 20K $\pm 0.1\%$.1W TF TC=0 \pm 5	05524	PTF-56-7
R41	0699-0118	2	1	RESISTOR 20K $\pm 0.1\%$.1W TF TC=0 \pm 5	05524	PTF-56-7
R42	2100-3863	5	1	RESISTOR-TRMR 200 10% TKF TOP-ADJ 17-TRN	03744	3299W-DM3-201
R43	0698-8821	8	1	RESISTOR 5.62 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R44	0699-0555	1	1	RESISTOR 100 $\pm 0.1\%$.3W MF TC=0 \pm 5	02928	301464
R45	0757-0280	3	1	RESISTOR 1K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R46	0698-3155	1	1	RESISTOR 4.64K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R47	0698-7229	8	1	RESISTOR 511 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R48	0757-0394	0	1	RESISTOR 51.1 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R49	0698-7222	1	1	RESISTOR 261 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R50	0757-0442	9	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R51	0698-7283	4	1	RESISTOR 90.9K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R52	0698-3457	6	1	RESISTOR 316K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R53	0698-6320	8	1	RESISTOR 5K $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R54	0698-6320	8	1	RESISTOR 5K $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R55	0698-7255	0	1	RESISTOR 6.19K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R56	0698-7268	5	1	RESISTOR 21.5K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R57	0698-6967	9	1	RESISTOR 32.5K $\pm 1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R58	0698-6323	1	1	RESISTOR 100 $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R59	0698-7212	9	1	RESISTOR 100 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R60	0699-0555	1	1	RESISTOR 100 $\pm 0.1\%$.3W MF TC=0 \pm 5	02928	301464
R61	0699-0555	1	1	RESISTOR 100 $\pm 0.1\%$.3W MF TC=0 \pm 5	02928	301464
R62	0698-7198	0	1	RESISTOR 26.1 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R63	0757-0438	3	1	RESISTOR 5.11K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1

**Indicates factory-selected value*

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HP Part Number 08561-60036
Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
R64	0757-0438	3	1	RESISTOR 5.11K +1% .125W TF TC=0+100	05524	CMF-55-1
R65	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+100	05524	CMF-55-1
R66	0757-0401	0	1	RESISTOR 100 +1% .125W TF TC=0+100	05524	CMF-55-1
R67	0757-0401	0	1	RESISTOR 100 +1% .125W TF TC=0+100	05524	CMF-55-1
R68	0757-0401	0	1	RESISTOR 100 +1% .125W TF TC=0+100	05524	CMF-55-1
R69	0698-3152	8	1	RESISTOR 3.48K +1% .125W TF TC=0+100	05524	CMF-55-1
R70	0698-6360	6	1	RESISTOR 10K +0.1% .125W TF TC=0+25	05524	CMF-55-1, T-9
R71	0698-6322	0	1	RESISTOR 4K +0.1% .125W TF TC=0+25	05524	CMF-55-1, T-9
R72	0698-6624	5	1	RESISTOR 2K +0.1% .125W TF TC=0+25	05524	CMF-55-1, T-9
R73	0757-0003	8	1	RESISTOR 26.1 +1% .5W TF TC=0+100	05524	CMF-65-2
R74	0757-0003	8	1	RESISTOR 26.1 +1% .5W TF TC=0+100	05524	CMF-65-2
R75	0698-3439	4	1	RESISTOR 178 +1% .125W TF TC=0+100	05524	CMF-55-1
R76	2100-1774	3	1	RESISTOR-TRMR 2K 5% WW TOP-ADJ 1-TRN	06026	CT-100-4-2K
R77	0757-0003	8	1	RESISTOR 26.1 +1% .5W TF TC=0+100	05524	CMF-65-2
R78	0698-3153	9	1	RESISTOR 3.83K +1% .125W TF TC=0+100	05524	CMF-55-1
R79	0699-2107	3	1	RESISTOR 63.93K +0.1% .125W TF TC=0+5	06337	5023Z
R80	0699-2109	5	1	RESISTOR 25K +0.1% .125W TF TC=0+5	06337	5023Z
R81	0699-2108	4	1	RESISTOR 50K +0.1% .125W TF TC=0+5	06337	5023Z
R82	0699-2108	4	1	RESISTOR 50K +0.1% .125W TF TC=0+5	06337	5023Z
R83	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+100	05524	CMF-55-1
R84	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+100	05524	CMF-50-2
R85	0698-7253	8	1	RESISTOR 5.11K +1% .05W TF TC=0+100	05524	CMF-50-2
R86	0698-7253	8	1	RESISTOR 5.11K +1% .05W TF TC=0+100	05524	CMF-50-2
R87	0698-6353	7	1	RESISTOR 50K +0.1% .125W TF TC=0+25	05524	CMF-55-1, T-9
R88	0699-2113	1	1	RESISTOR 2K +0.1% .125W TF TC=0+5	06337	5023Z
R89	0699-2114	2	1	RESISTOR 1K +0.1% .125W TF TC=0+5	06337	5023Z
R90	0699-0118	2	1	RESISTOR 20K +0.1% .1W TF TC=0+5	05524	PTF-56-7
R91	0699-1823	8	1	RESISTOR 30 +1% .3W MF TC=0+5	02928	301464
R92	0698-6620	1	1	RESISTOR 150K +0.1% .125W TF TC=0+25	05524	CMF-55-1, T-9
R93	2100-3876	0	1	RESISTOR-TRMR 1K 10% TKF TOP-ADJ 17-TRN	03744	3299W-DM3-102
R94	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+100	05524	CMF-55-1
R95	0698-6360	6	1	RESISTOR 10K +0.1% .125W TF TC=0+25	05524	CMF-55-1, T-9
R96	0698-6360	6	1	RESISTOR 10K +0.1% .125W TF TC=0+25	05524	CMF-55-1, T-9
R99	0757-0458	7	1	RESISTOR 51.1K +1% .125W TF TC=0+100	05524	CMF-55-1
R100	0698-3152	8	1	RESISTOR 3.48K +1% .125W TF TC=0+100	05524	CMF-55-1

**HP Part Number 08561-60036
Frequency Control (continued)**

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
R101	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R102	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R103	0698-7275	4	1	RESISTOR 42.2K +1% .05W TF TC=0+-100	05524	CMF-50-2
R104	0698-8827	4	1	RESISTOR 1M +1% .125W TF TC=0+-100	05524	CMF-55-1
R105	0699-0642	7	1	RESISTOR 10K +0.1% .1W TF TC=0+-5	05524	PTF-56-7
R106	0698-3440	7	1	RESISTOR 196 +1% .125W TF TC=0+-100	05524	CMF-55-1
R107	0757-0438	3	1	RESISTOR 5.11K +1% .125W TF TC=0+-100	05524	CMF-55-1
R108	0698-6320	8	1	RESISTOR 5K +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R109	0698-3153	9	1	RESISTOR 3.83K +1% .125W TF TC=0+-100	05524	CMF-55-1
R110	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R111	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R112	0699-2125	5	1	RESISTOR 643.7K +1% .125W TF TC=0+-100	05524	CMF-55-1
R113	0699-2111	9	1	RESISTOR 17.14K +0.1% .125W TF TC=0+-5	06337	5023Z
R114	0699-2106	2	1	RESISTOR 100K +0.1% .125W TF TC=0+-5	06337	5023Z
R115	0757-0465	6	1	RESISTOR 100K +1% .125W TF TC=0+-100	05524	CMF-55-1
R116	0757-0465	6	1	RESISTOR 100K +1% .125W TF TC=0+-100	05524	CMF-55-1
R120	0699-2104	0	1	RESISTOR 169.5K +0.1% .125W TF TC=0+-5	06337	5023Z
R121	0699-0642	7	1	RESISTOR 10K +0.1% .1W TF TC=0+-5	05524	PTF-56-7
R122	0699-2122	2	1	RESISTOR 55.5K +0.1% .125W TF TC=0+-25	05524	CMF-55-1
R123	0698-6360	6	1	RESISTOR 10K +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R124	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R125	0757-0401	0	1	RESISTOR 100 +1% .125W TF TC=0+-100	05524	CMF-55-1
R126	0699-0555	1	1	RESISTOR 100 +0.1% .3W MF TC=0+-5	02928	301464
R127	0699-1823	8	1	RESISTOR 30 +1% .3W MF TC=0+-5	02928	301464
R128	0699-1823	8	1	RESISTOR 30 +1% .3W MF TC=0+-5	02928	301464
R129	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R132	0699-2105	1	1	RESISTOR 150K +0.1% .125W TF TC=0+-5	06337	5023Z
R135	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R137	0698-6360	6	1	RESISTOR 10K +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R138	0698-6362	8	1	RESISTOR 1K +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R139	0698-7912	6	1	RESISTOR 111.1 +0.25% .125W TF	05524	CMF-55-1, T-1
R142	0698-3161	9	1	RESISTOR 38.3K +1% .125W TF TC=0+-100	05524	CMF-55-1
R143	0698-3454	3	1	RESISTOR 215K +1% .125W TF TC=0+-100	05524	CMF-55-1
R144	0699-0118	2	1	RESISTOR 20K +0.1% .1W TF TC=0+-5	05524	PTF-56-7
R145	0699-0642	7	1	RESISTOR 10K +0.1% .1W TF TC=0+-5	05524	PTF-56-7

**Indicates factory-selected value*

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HP Part Number 08561-60036
Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
R146	0698-8530	6	1	RESISTOR 64.9K +0.1% .125W TF TC=0+-25	05524	CMF-55-1
R162	0698-3441	8	1	RESISTOR 215 +1% .125W TF TC=0+-100	05524	CMF-55-1
R164	0698-7218	5	1	RESISTOR 178 +1% .05W TF TC=0+-100	05524	CMF-50-2
R165	0698-7218	5	1	RESISTOR 178 +1% .05W TF TC=0+-100	05524	CMF-50-2
R166	0698-8958	2	1	RESISTOR 511K +1% .125W TF TC=0+-100	01074	H8
R167	0698-8958	2	1	RESISTOR 511K +1% .125W TF TC=0+-100	01074	H8
R168	0811-3587	5	1	RESISTOR 0 CWM	03123	104
R169	0811-3587	5	1	RESISTOR 0 CWM	03123	104
R170	0698-7240	3	1	RESISTOR 1.47K +1% .05W TF TC=0+-100	05524	CMF-50-2
R171	0698-7240	3	1	RESISTOR 1.47K +1% .05W TF TC=0+-100	05524	CMF-50-2
R172	0698-7247	0	1	RESISTOR 2.87K +1% .05W TF TC=0+-100	05524	CMF-50-2
R173	0698-7247	0	1	RESISTOR 2.87K +1% .05W TF TC=0+-100	05524	CMF-50-2
R175	0698-7212	9	1	RESISTOR 100 +1% .05W TF TC=0+-100	05524	CMF-50-2
R176	0698-7212	9	1	RESISTOR 100 +1% .05W TF TC=0+-100	05524	CMF-50-2
R177	0698-7212	9	1	RESISTOR 100 +1% .05W TF TC=0+-100	05524	CMF-50-2
R178	0698-7212	9	1	RESISTOR 100 +1% .05W TF TC=0+-100	05524	CMF-50-2
R179	0698-7212	9	1	RESISTOR 100 +1% .05W TF TC=0+-100	05524	CMF-50-2
R180	0698-7212	9	1	RESISTOR 100 +1% .05W TF TC=0+-100	05524	CMF-50-2
R301	0698-7250	5	1	RESISTOR 3.83K +1% .05W TF TC=0+-100	05524	CMF-50-2
R302	0698-7284	5	1	RESISTOR 100K +1% .05W TF TC=0+-100	05524	CMF-50-2
R303	0698-7263	0	1	RESISTOR 13.3K +1% .05W TF TC=0+-100	05524	CMF-50-2
R304	0757-0289	2	1	RESISTOR 13.3K +1% .125W TF TC=0+-100	05524	CMF-55-1
R305	0757-0289	2	1	RESISTOR 13.3K +1% .125W TF TC=0+-100	05524	CMF-55-1
R306	0757-0289	2	1	RESISTOR 13.3K +1% .125W TF TC=0+-100	05524	CMF-55-1
R307	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R308	0698-7253	8	1	RESISTOR 5.11K +1% .05W TF TC=0+-100	05524	CMF-50-2
R309	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R311	0698-7284	5	1	RESISTOR 100K +1% .05W TF TC=0+-100	05524	CMF-50-2
R312	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R313	0698-7284	5	1	RESISTOR 100K +1% .05W TF TC=0+-100	05524	CMF-50-2
R315	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R316	0757-0401	0	1	RESISTOR 100 +1% .125W TF TC=0+-100	05524	CMF-55-1
R317	0698-7229	8	1	RESISTOR 511 +1% .05W TF TC=0+-100	05524	CMF-50-2
R321	0698-3446	3	1	RESISTOR 383 +1% .125W TF TC=0+-100	05524	CMF-55-1
R322	0757-0394	0	1	RESISTOR 51.1 +1% .125W TF TC=0+-100	05524	CMF-55-1

HP Part Number 08561-60036
Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
R323	0698-7248	1	1	RESISTOR 3.16K +1% .05W TF TC=0+100	05524	CMF-50-2
R324	0698-7268	5	1	RESISTOR 21.5K +1% .05W TF TC=0+100	05524	CMF-50-2
R325	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+100	05524	CMF-50-2
R326	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+100	05524	CMF-55-1
R327	0698-7236	7	1	RESISTOR 1K +1% .05W TF TC=0+100	05524	CMF-50-2
R328	0698-7212	9	1	RESISTOR 100 +1% .05W TF TC=0+100	05524	CMF-50-2
R329	0757-0401	0	1	RESISTOR 100 +1% .125W TF TC=0+100	05524	CMF-55-1
R330	0698-7229	8	1	RESISTOR 511 +1% .05W TF TC=0+100	05524	CMF-50-2
R331	0757-1094	9	1	RESISTOR 1.47K +1% .125W TF TC=0+100	05524	CMF-55-1
R332	0699-0068	1	1	RESISTOR 1.47M +1% .125W TF TC=0+100	06118	MK2
R333	0698-3449	6	1	RESISTOR 28.7K +1% .125W TF TC=0+100	05524	CMF-55-1
R334	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+100	05524	CMF-55-1
R335	0757-0202	9	1	RESISTOR 13.7K +1% .125W TF TC=0+50	05524	CMF-55-1, T-2
R336	0698-3260	9	1	RESISTOR 464K +1% .125W TF TC=0+100	05524	CMF-55-1
R337	0698-3155	1	1	RESISTOR 4.64K +1% .125W TF TC=0+100	05524	CMF-55-1
R338	0698-3154	0	1	RESISTOR 4.22K +1% .125W TF TC=0+100	05524	CMF-55-1
R340	0698-3156	2	1	RESISTOR 14.7K +1% .125W TF TC=0+100	05524	CMF-55-1
R341	0698-7229	8	1	RESISTOR 511 +1% .05W TF TC=0+100	05524	CMF-50-2
R342	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+100	05524	CMF-55-1
R345	0698-7236	7	1	RESISTOR 1K +1% .05W TF TC=0+100	05524	CMF-50-2
R347	0757-0394	0	1	RESISTOR 51.1 +1% .125W TF TC=0+100	05524	CMF-55-1
R348	0757-0394	0	1	RESISTOR 51.1 +1% .125W TF TC=0+100	05524	CMF-55-1
R349	0757-0394	0	1	RESISTOR 51.1 +1% .125W TF TC=0+100	05524	CMF-55-1
R350	0698-7189	9	1	RESISTOR 11 +1% .05W TF TC=0+100	05524	CMF-50-2
R351	0698-7189	9	1	RESISTOR 11 +1% .05W TF TC=0+100	05524	CMF-50-2
R352	0698-7213	0	1	RESISTOR 110 +1% .05W TF TC=0+100	05524	CMF-50-2
R353	0698-7193	5	1	RESISTOR 16.2 +1% .05W TF TC=0+100	05524	CMF-50-2
R354	0698-7193	5	1	RESISTOR 16.2 +1% .05W TF TC=0+100	05524	CMF-50-2
R355	0698-7208	3	1	RESISTOR 68.1 +1% .05W TF TC=0+100	05524	CMF-50-2
R356	0698-7205	0	1	RESISTOR 51.1 +1% .05W TF TC=0+100	05524	CMF-50-2
R357	0698-7212	9	1	RESISTOR 100 +1% .05W TF TC=0+100	05524	CMF-50-2
R358	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+100	05524	CMF-50-2
R359	0698-7220	9	1	RESISTOR 215 +1% .05W TF TC=0+100	05524	CMF-50-2
R360	0698-7246	9	1	RESISTOR 2.61K +1% .05W TF TC=0+100	05524	CMF-50-2
R361	0698-7268	5	1	RESISTOR 21.5K +1% .05W TF TC=0+100	05524	CMF-50-2

**Indicates factory-selected value*

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HP Part Number 08561-60036
Frequency Control (continued)

Reference Designator	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
R362	0698-7284	5		1	RESISTOR 100K +1% .05W TF TC=0+-100	05524	CMF-50-2
R363	0698-7268	5		1	RESISTOR 21.5K +1% .05W TF TC=0+-100	05524	CMF-50-2
R364	0698-7284	5		1	RESISTOR 100K +1% .05W TF TC=0+-100	05524	CMF-50-2
R365	0698-7229	8		1	RESISTOR 511 +1% .05W TF TC=0+-100	05524	CMF-50-2
R366	0698-7229	8		1	RESISTOR 511 +1% .05W TF TC=0+-100	05524	CMF-50-2
R367	0698-7241	4		1	RESISTOR 1.62K +1% .05W TF TC=0+-100	05524	CMF-50-2
R368	0757-0346	2		1	RESISTOR 10 +1% .125W TF TC=0+-100	05524	CMF-55-1
R369	0698-8615	8		1	RESISTOR 75K +1% .05W TF TC=0+-100	05524	CMF-50-2
R370	0698-7236	7		1	RESISTOR 1K +1% .05W TF TC=0+-100	05524	CMF-50-2
R371	0698-7260	7		1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R372	0698-7241	4		1	RESISTOR 1.62K +1% .05W TF TC=0+-100	05524	CMF-50-2
R373	0698-7246	9		1	RESISTOR 2.61K +1% .05W TF TC=0+-100	05524	CMF-50-2
R375	0698-7260	7		1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R376	0698-7260	7		1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R377	0698-7284	5		1	RESISTOR 100K +1% .05W TF TC=0+-100	05524	CMF-50-2
R379	0698-3444	1		1	RESISTOR 316 +1% .125W TF TC=0+-100	05524	CMF-55-1
R380	0698-7260	7		1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R381	0757-0420	3		1	RESISTOR 750 +1% .125W TF TC=0+-100	05524	CMF-55-1
R382	0698-7260	7		1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R383	0698-7271	0		1	RESISTOR 28.7K +1% .05W TF TC=0+-100	05524	CMF-50-2
R384	0698-7248	1		1	RESISTOR 3.16K +1% .05W TF TC=0+-100	05524	CMF-50-2
R386	0698-7260	7		1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R387	0698-7260	7		1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R388	0698-7228	7		1	RESISTOR 464 +1% .05W TF TC=0+-100	05524	CMF-50-2
R389	0757-0438	3		1	RESISTOR 5.11K +1% .125W TF TC=0+-100	05524	CMF-55-1
R390	0698-7284	5		1	RESISTOR 100K +1% .05W TF TC=0+-100	05524	CMF-50-2
R391	0698-7278	7		1	RESISTOR 56.2K +1% .05W TF TC=0+-100	05524	CMF-50-2
R392	0698-7236	7		1	RESISTOR 1K +1% .05W TF TC=0+-100	05524	CMF-50-2
R396	0757-0401	0		1	RESISTOR 100 +1% .125W TF TC=0+-100	05524	CMF-55-1
R397	0698-7260	7		1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R398	0699-0073	8		1	RESISTOR 10M +1% .125W TF TC=0+-100	06118	MK2
R399	0699-0073	8		1	RESISTOR 10M +1% .125W TF TC=0+-100	06118	MK2
R400	0699-0127	3		1	RESISTOR 464K +1% .05W TF TC=0+-100	02499	RG-1/8-T050
R531	0698-7220	9		1	RESISTOR 215 +1% .05W TF TC=0+-100	05524	CMF-50-2
R532	0698-7220	9		1	RESISTOR 215 +1% .05W TF TC=0+-100	05524	CMF-50-2

HP Part Number 08561-60036
Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
R533	0698-7228	7	1	RESISTOR 464 +1% .05W TF TC=0+100	05524	CMF-50-2
R534	0698-7228	7	1	RESISTOR 464 +1% .05W TF TC=0+100	05524	CMF-50-2
R535	0698-7228	7	1	RESISTOR 464 +1% .05W TF TC=0+100	05524	CMF-50-2
R541	0698-7205	0	1	RESISTOR 51.1 +1% .05W TF TC=0+100	05524	CMF-50-2
R542	0698-7212	9	1	RESISTOR 100 +1% .05W TF TC=0+100	05524	CMF-50-2
R543	0698-7236	7	1	RESISTOR 1K +1% .05W TF TC=0+100	05524	CMF-50-2
R544	0698-7205	0	1	RESISTOR 51.1 +1% .05W TF TC=0+100	05524	CMF-50-2
R545	0698-7220	9	1	RESISTOR 215 +1% .05W TF TC=0+100	05524	CMF-50-2
R548	0698-7220	9	1	RESISTOR 215 +1% .05W TF TC=0+100	05524	CMF-50-2
R551	0698-7284	5	1	RESISTOR 100K +1% .05W TF TC=0+100	05524	CMF-50-2
R552	0698-7235	6	1	RESISTOR 909 +1% .05W TF TC=0+100	05524	CMF-50-2
R553	0698-7235	6	1	RESISTOR 909 +1% .05W TF TC=0+100	05524	CMF-50-2
R554	0698-7219	6	1	RESISTOR 196 +1% .05W TF TC=0+100	05524	CMF-50-2
R562	0698-7205	0	1	RESISTOR 51.1 +1% .05W TF TC=0+100	05524	CMF-50-2
R563	0698-7205	0	1	RESISTOR 51.1 +1% .05W TF TC=0+100	05524	CMF-50-2
R564	0698-7236	7	1	RESISTOR 1K +1% .05W TF TC=0+100	05524	CMF-50-2
R570	0698-7236	7	1	RESISTOR 1K +1% .05W TF TC=0+100	05524	CMF-50-2
R571	0698-7225	4	1	RESISTOR 348 +1% .05W TF TC=0+100	05524	CMF-50-2
R580	0698-7236	7	1	RESISTOR 1K +1% .05W TF TC=0+100	05524	CMF-50-2
R581	0698-7234	5	1	RESISTOR 825 +1% .05W TF TC=0+100	05524	CMF-50-2
R583	0698-7193	5	1	RESISTOR 16.2 +1% .05W TF TC=0+100	05524	CMF-50-2
R584	0698-7212	9	1	RESISTOR 100 +1% .05W TF TC=0+100	05524	CMF-50-2
R585	0698-7225	4	1	RESISTOR 348 +1% .05W TF TC=0+100	05524	CMF-50-2
R586	0698-7212	9	1	RESISTOR 100 +1% .05W TF TC=0+100	05524	CMF-50-2
R587	0698-7197	9	1	RESISTOR 23.7 +1% .05W TF TC=0+100	05524	CMF-50-2
R588	0698-7205	0	1	RESISTOR 51.1 +1% .05W TF TC=0+100	05524	CMF-50-2
R589	0698-7205	0	1	RESISTOR 51.1 +1% .05W TF TC=0+100	05524	CMF-50-2
R590	0698-7225	4	1	RESISTOR 348 +1% .05W TF TC=0+100	05524	CMF-50-2
R591	0698-7236	7	1	RESISTOR 1K +1% .05W TF TC=0+100	05524	CMF-50-2
R592	0698-7188	8	1	RESISTOR 10 +1% .05W TF TC=0+100	05524	CMF-50-2
R593	0698-7228	7	1	RESISTOR 464 +1% .05W TF TC=0+100	05524	CMF-50-2
R594	0698-7228	7	1	RESISTOR 464 +1% .05W TF TC=0+100	05524	CMF-50-2
R601	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+100	05524	CMF-50-2
R602	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+100	05524	CMF-50-2
R603	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+100	05524	CMF-50-2

**Indicates factory-selected value*

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HP Part Number 08561-60036
Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R604	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R619	0757-0442	9	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R620	0698-0084	9	1	RESISTOR 2.15K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R621	2100-4184	5	1	RESISTOR-TRMR 10K 10% TKF TOP-ADJ 1-TRN	03744	3329H-EG9-103
R623	0757-0416	7	1	RESISTOR 511 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R624	0757-0280	3	1	RESISTOR 1K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R625	0757-0416	7	1	RESISTOR 511 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R628	2100-4182	3	1	RESISTOR-TRMR 2K 10% TKF TOP-ADJ 1-TRN	03744	3329H-EG9-202
R629	0757-0289	2	1	RESISTOR 13.3K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R701	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R703	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R704	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R705	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R706	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R707	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R709	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R710	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R711	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R712	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R714	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R716	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R718	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R727	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R730	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R731	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R732	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
U101	1820-3964	2	1	IC PRESCR ECL	02037	MC12018P
U102	1813-0211	1	1	IC WIDEBAND AMPL TO-39	02037	MWA110
U103	1820-1888	5	1	IC PRESCR ECL	02037	MC12013P
U104	1820-1442	7	1	IC CNTR TTL/LS DECD ASYNCHRO	28480	1820-1442
U105	1820-0630	3	1	IC MISC ECL	02037	MC4044P
U106	1826-1640	9	1	IC COMPARATOR HS 8 PIN DIP-C	03406	LM360J
U107	1826-0285	6	1	IC V RGLTR-FXD-NEG -4.8/-5.2V 3-TO-92	02037	MC79L05ACP
U108	1826-0276	5	1	IC V RGLTR-FXD-POS 4.8/5.2V TO-92 PKG	02037	MC78L05ACP
U109	1826-1175	5	1	IC WIDEBAND AMPL VID 10 PIN TO-100	03406	LM733H

**HP Part Number 08561-60036
Frequency Control (continued)**

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
U110	1820-3405	6	1	IC MISC CMOS 4-BIT	02037	MC145146P
U111	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U112	1826-0791	9	1	SAMPLE AND HOLD 8 -DIP-P	03406	LF398N
U113	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U114	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U115	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U116	1826-1361	1	1	ANALOG SWITCH 4 SPST 16 -DIP-P	02883	DG212CJ
U117	0955-0113	1	1	U-WAVE MIXER 1 GHZ MAX	02739	TFM-2-38
U118	1813-0212	2	1	IC WIDEBAND AMPL TO-39	02037	MWA120
U119	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U120	1826-0890	9	1	IC OP AMP GP DUAL 8 PIN DIP-P	03406	LM358AN
U121	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U122	1826-0890	9	1	IC OP AMP GP DUAL 8 PIN DIP-P	03406	LM358AN
U123	1813-0211	1	1	IC WIDEBAND AMPL TO-39	02037	MWA110
U124	1820-3405	6	1	IC MISC CMOS 4-BIT	02037	MC145146P
U125	1826-0276	5	1	IC V RGLTR-FXD-POS 4.8/5.2V TO-92 PKG	02037	MC78L05ACP
U126	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U127	1820-3646	7	1	IC PRESCR ECL	02037	MC12015P
U128	1813-0211	1	1	IC WIDEBAND AMPL TO-39	02037	MWA110
U201	1813-0212	2	1	IC WIDEBAND AMPL TO-39	02037	MWA120
U202	1820-0920	4	1	IC RCVR ECL LINE RCVR QUAD 2-INP	02037	MC1692L
U203	1820-3485	2	1	IC PRESCR ECL	02037	MC12090P
U204	1820-1344	8	1	IC MISC ECL	02037	MC12040L
U205	1820-3485	2	1	IC PRESCR ECL	02037	MC12090P
U206	1810-0167	0	1	NETWORK-RES 8-SIP 330.0 OHM X 4	06252	750-83-R330
U207	1826-0371	1	1	IC OP AMP LOW-BIAS-H-IMPED 8 PIN TO-99	03406	LF256H
U301	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U302	1820-3079	0	1	IC DCDR CMOS/HC BIN 3-TO-8-LINE	28480	1820-3079
U303	1820-3079	0	1	IC DCDR CMOS/HC BIN 3-TO-8-LINE	28480	1820-3079
U304	1820-3079	0	1	IC DCDR CMOS/HC BIN 3-TO-8-LINE	28480	1820-3079
U305	1826-0605	4	1	ANALOG MULTIPLEXER 8 CHNL 16 -CERDIP	02883	DG508ABK
U306	1826-1012	9	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03799	HI1-0201-4
U307	1820-1934	2	1	D/A 8-BIT 16-CERDIP BPLR	03285	DAC-08EQ
U308	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U309	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848

**Indicates factory-selected value*

CLIP 08561-90055 Frequency Control 19

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HP Part Number 08561-60036
Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
U310	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U311	1820-4586	6	1	IC DRVR CMOS/HCT LINE OCTL	28480	1820-4586
U312	1826-1012	9	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03799	HI1-0201-4
U313	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U314	1826-2239	4	1	D/A 12-BIT 16-PLASTIC CMOS	03285	AD7542KN
U315	1826-2239	4	1	D/A 12-BIT 16-PLASTIC CMOS	03285	AD7542KN
U316	1826-2239	4	1	D/A 12-BIT 16-PLASTIC CMOS	03285	AD7542KN
U317	1826-0811	4	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03285	SW-01FQ
U318	1826-0811	4	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03285	SW-01FQ
U319	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U320	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U321	1826-0367	5	1	IC V RGLTR-FXD-POS 4.8/5.2V TO-39 PKG	03406	LM78M05CH
U322	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U323	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U324	1826-1361	1	1	ANALOG SWITCH 4 SPST 16 -DIP-P	02883	DG212CJ
U325	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U326	1826-1361	1	1	ANALOG SWITCH 4 SPST 16 -DIP-P	02883	DG212CJ
U327	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U328	1826-1116	4	1	IC OP AMP GP QUAD 14 PIN DIP-P	02290	RC4156DB
U329	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U330	1826-0932	0	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27FZ
U331	1826-0932	0	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27FZ
U332	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U333	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U401	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U402	1826-1543	1	1	IC OP AMP HS DUAL 8 PIN DIP-C	02037	MC34072AU
U403	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U404	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U405	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U406	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U407	1810-0527	6	1	NETWORK-RES 10-SIP 1.6K OHM X 9	02483	750-101-R1.6K
U408	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U409	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U410	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U411	1826-0759	9	1	IC COMPARATOR GP QUAD 14 PIN DIP-C	03406	LM339J

HP Part Number 08561-60036
Frequency Control (continued)

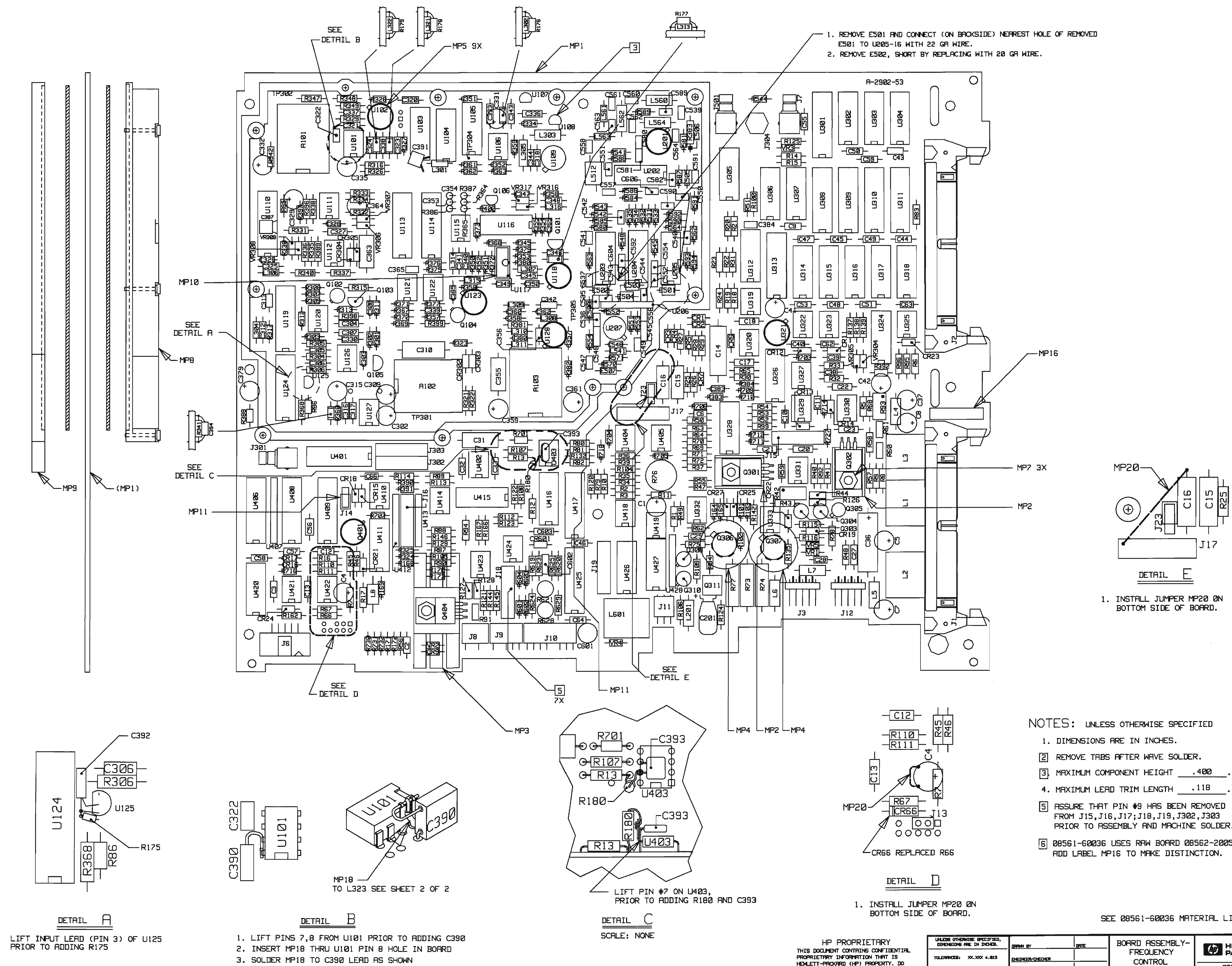
Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
U412	1810-1130	9	1	NETWORK-RES 8-SIP 47.0K OHM X 4	28480	1810-1130
U413	1810-0406	0	1	NETWORK-RES 8-SIP 10.0K OHM X 4	06252	750-83-R10K
U414	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U415	1826-0811	4	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03285	SW-01FQ
U416	1826-0811	4	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03285	SW-01FQ
U417	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U418	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U419	1826-1514	6	1	IC V RGLTR-V-REF-FXD 9.95/10.05V 8-DIP-P	10858	LT1021BCN8-10
U420	1820-1200	5	1	IC INV TTL/LS HEX	06347	HD74LS05P
U421	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U422	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U423	1826-1149	3	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-07EZ
U424	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U425	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U426	1810-0316	1	1	NETWORK-RES 16-DIP 10.0K OHM X 8	02483	761-3-R10K
U427	1826-0759	9	1	IC COMPARATOR GP QUAD 14 PIN DIP-C	03406	LM339J
U428	1810-0406	0	1	NETWORK-RES 8-SIP 10.0K OHM X 4	06252	750-83-R10K
VR1	1902-0579	3	1	DIODE-ZNR 5.1V 5% PD=1W IR=10UA	02037	1N4733ARL
VR2	1902-0579	3	1	DIODE-ZNR 5.1V 5% PD=1W IR=10UA	02037	1N4733ARL
VR3	1902-0202	9	1	DIODE-ZNR 15V 5% PD=1W IR=5UA	02037	1N4744ARL
VR4	1902-3104	6	1	DIODE-ZNR 5.62V 5% DO-35 PD=.4W	02037	SZ30016-1
VR5	1902-0554	4	1	DIODE-ZNR 10V 5% PD=1W IR=10UA	02037	1N4740ARL
VR304	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1
VR305	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1
VR306	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1
VR307	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1
VR308	1902-3139	7	1	DIODE-ZNR 8.25V 5% DO-35 PD=.4W	02037	SZ30016-1
VR309	1902-3139	7	1	DIODE-ZNR 8.25V 5% DO-35 PD=.4W	02037	SZ30016-1
VR316	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1
VR317	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1

**Indicates factory-selected value*

CLIP 08561-90055 Frequency Control 21

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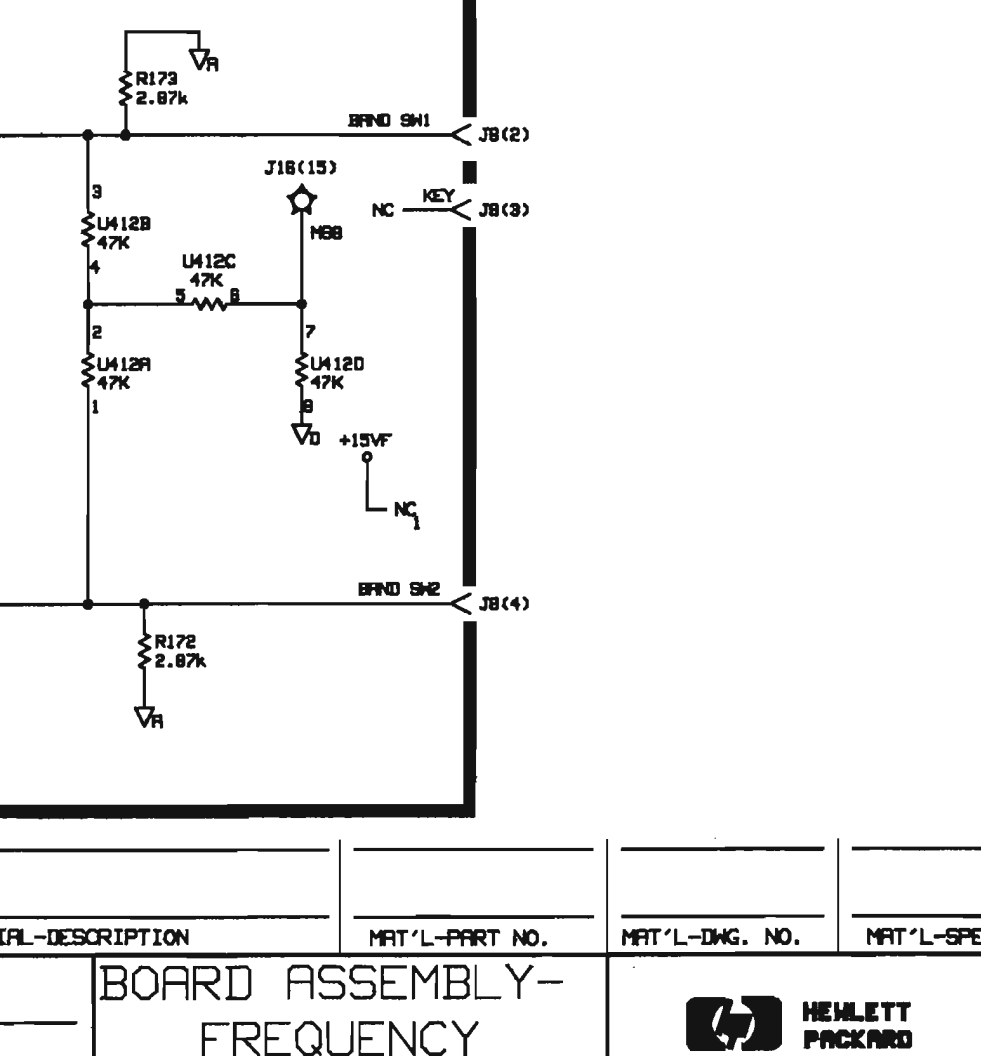
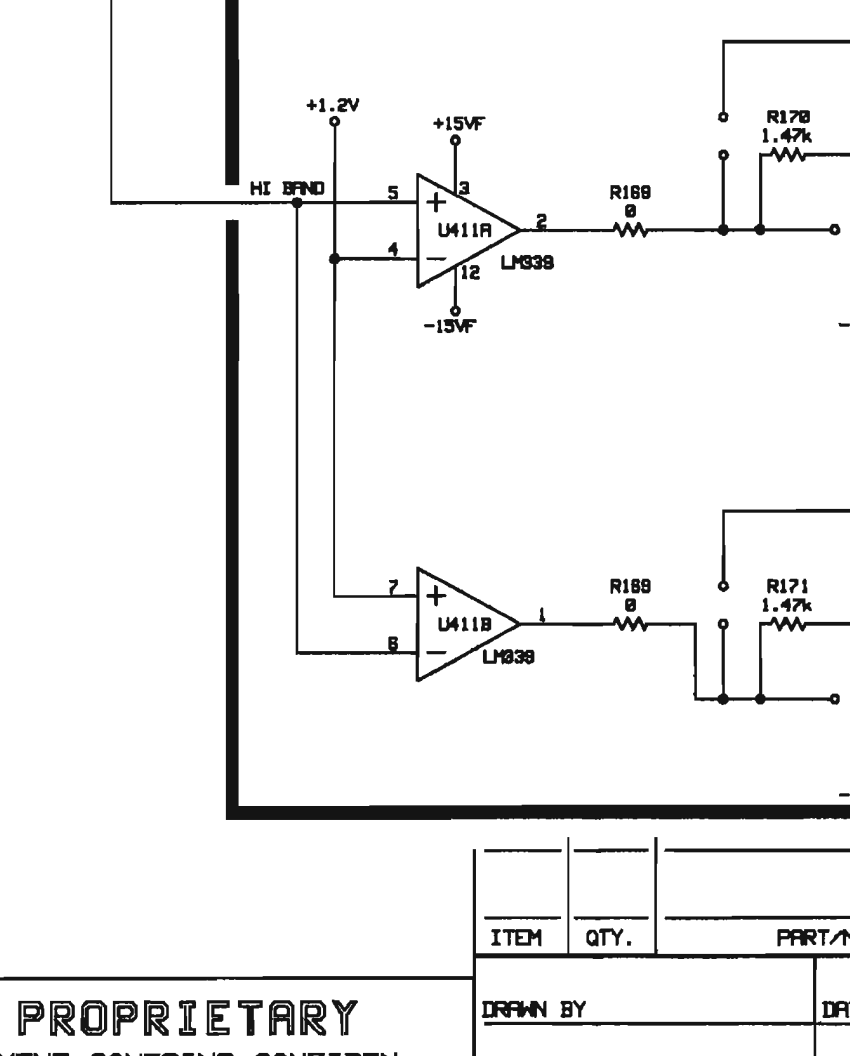
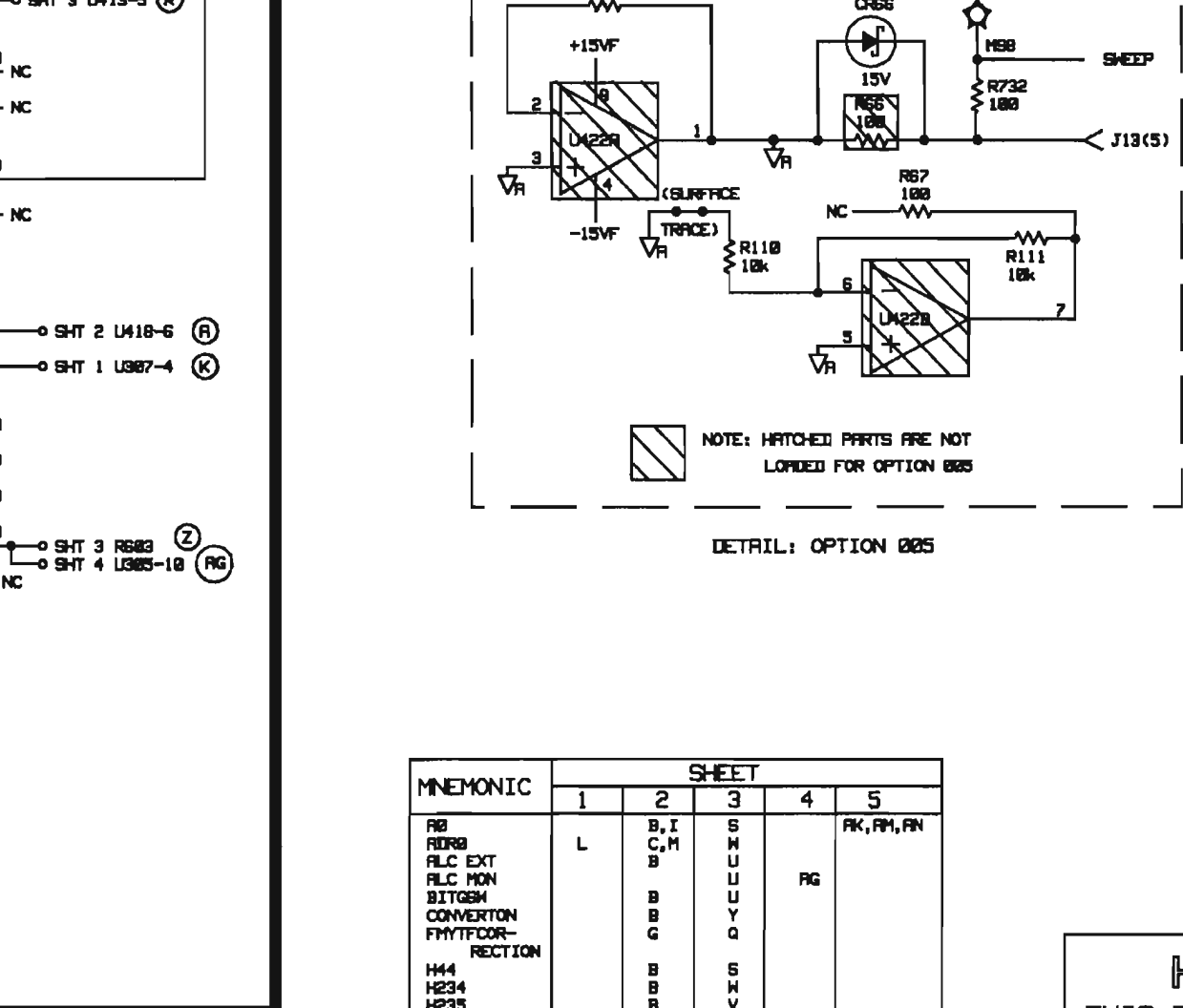
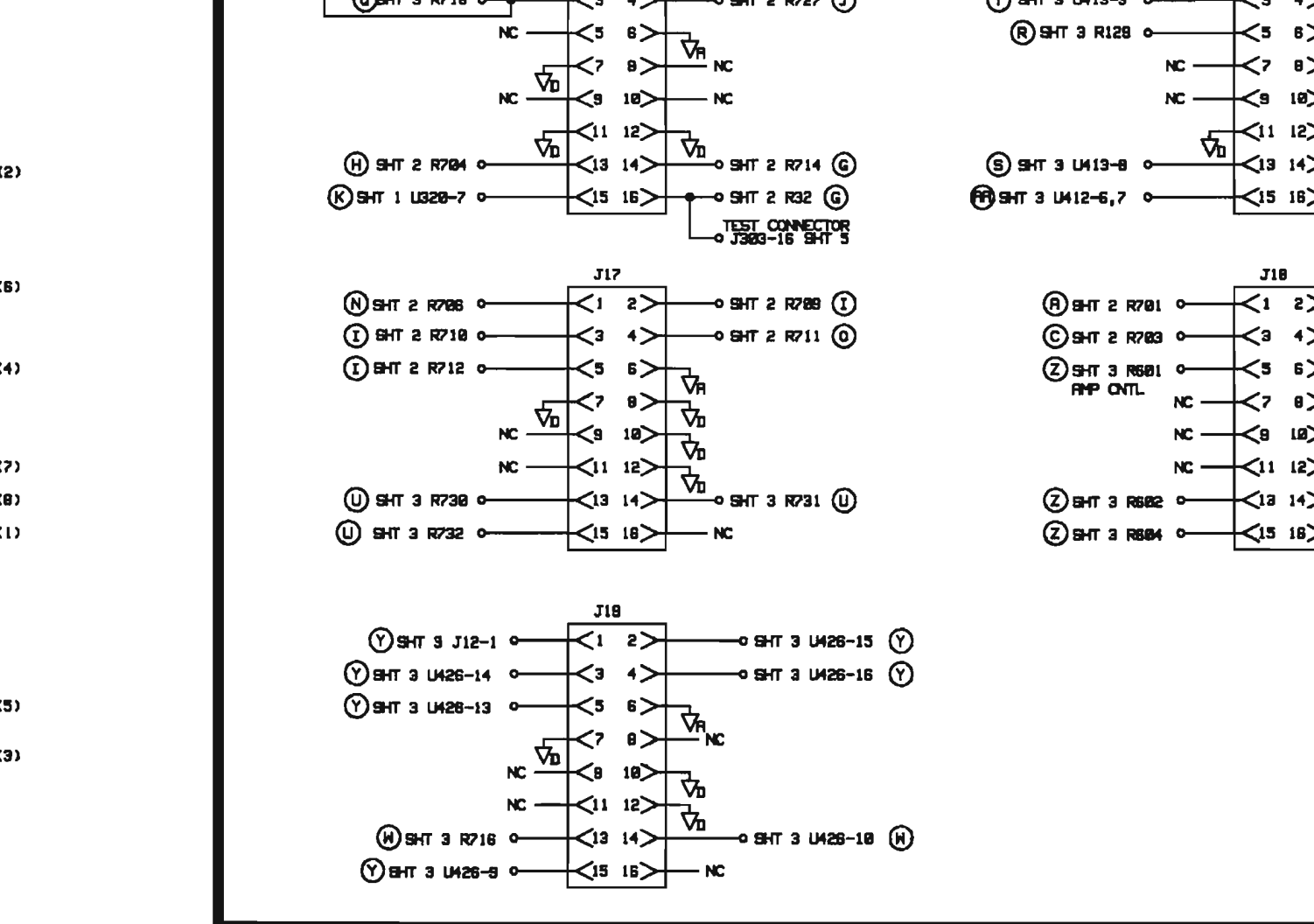
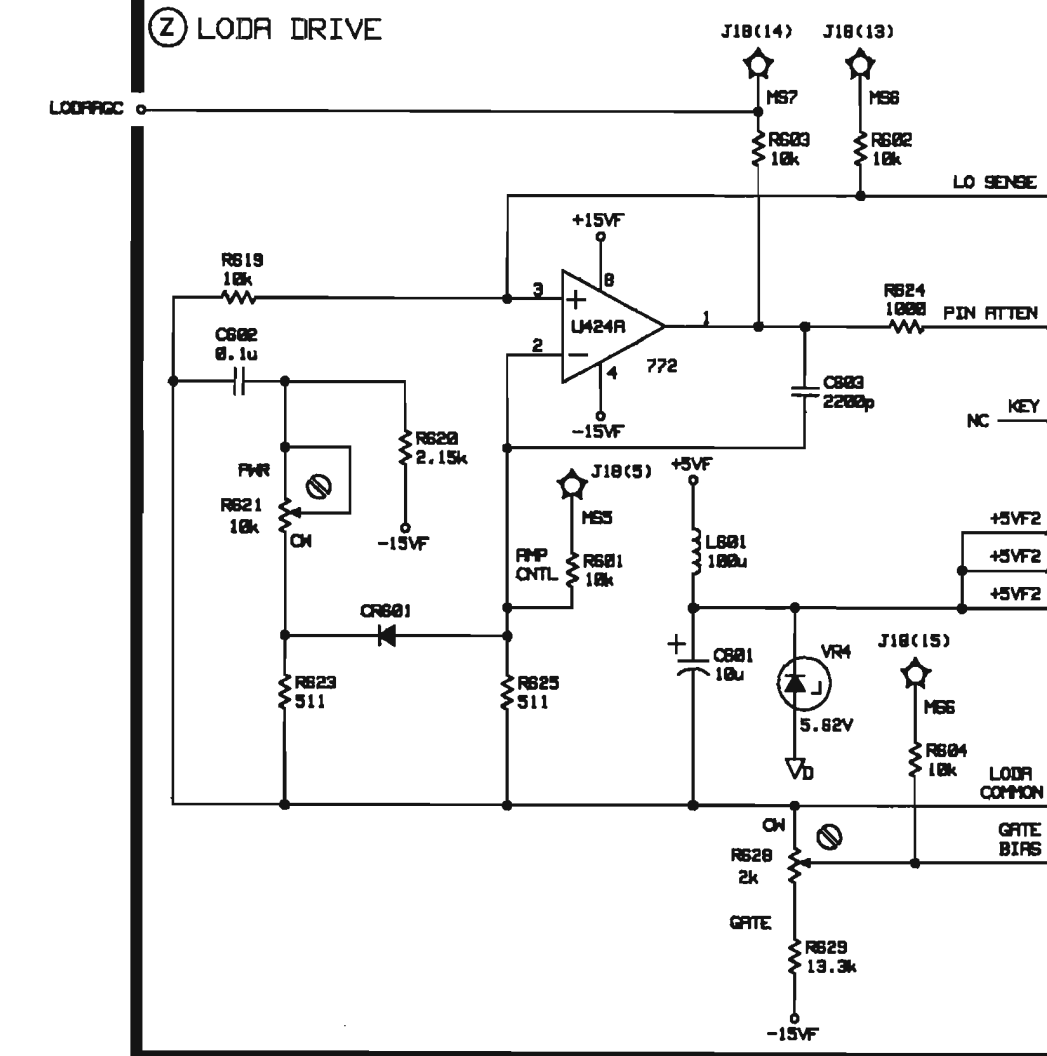
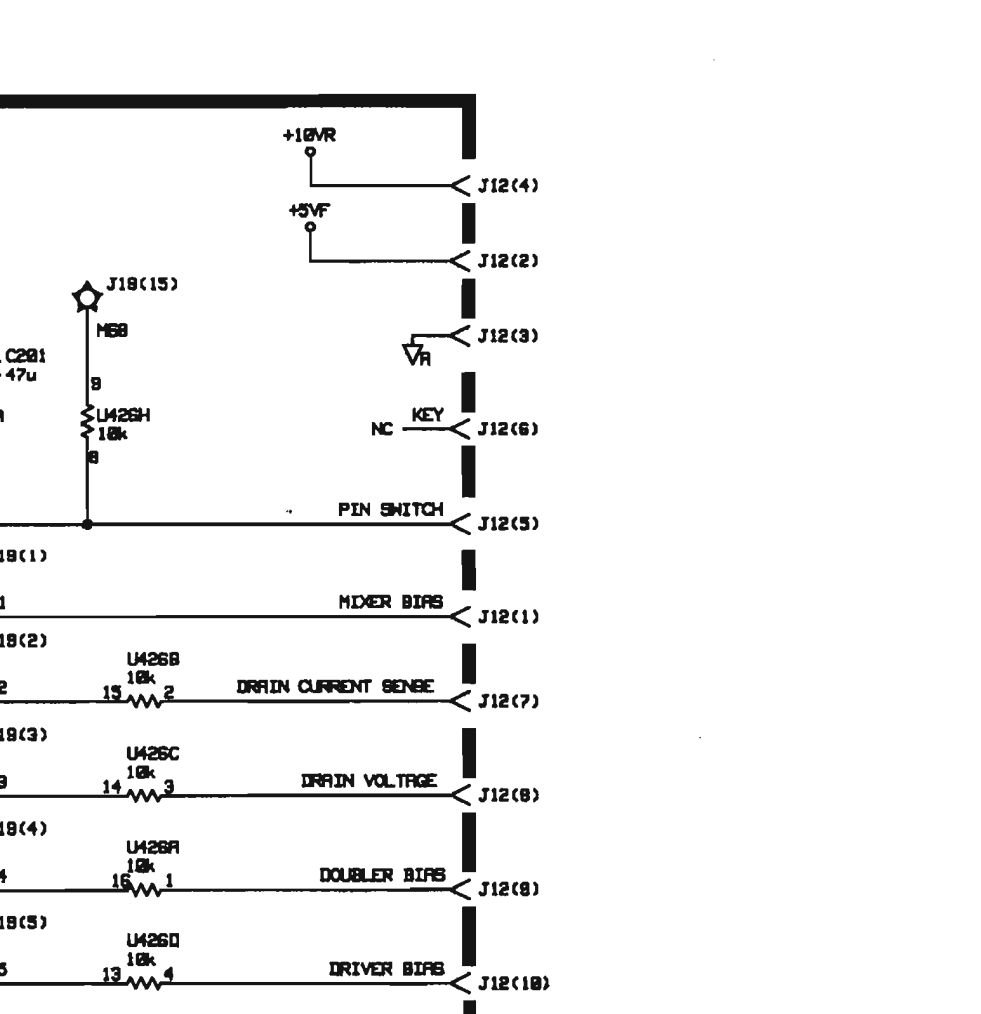
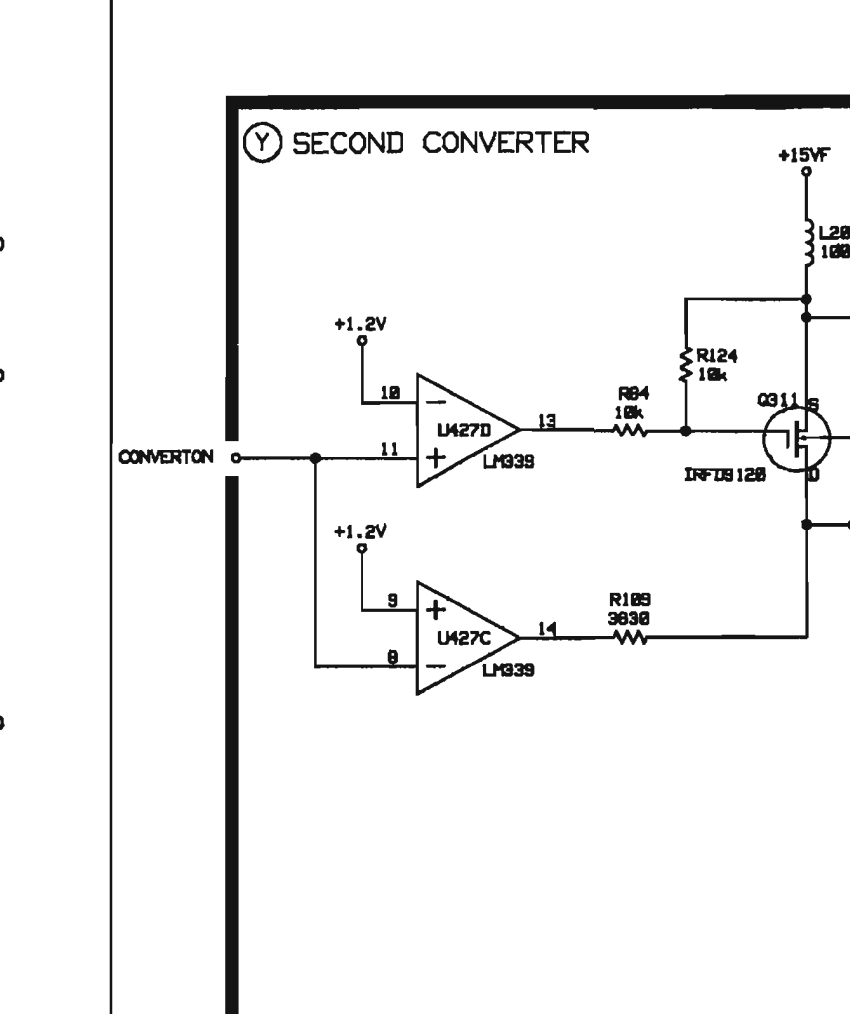
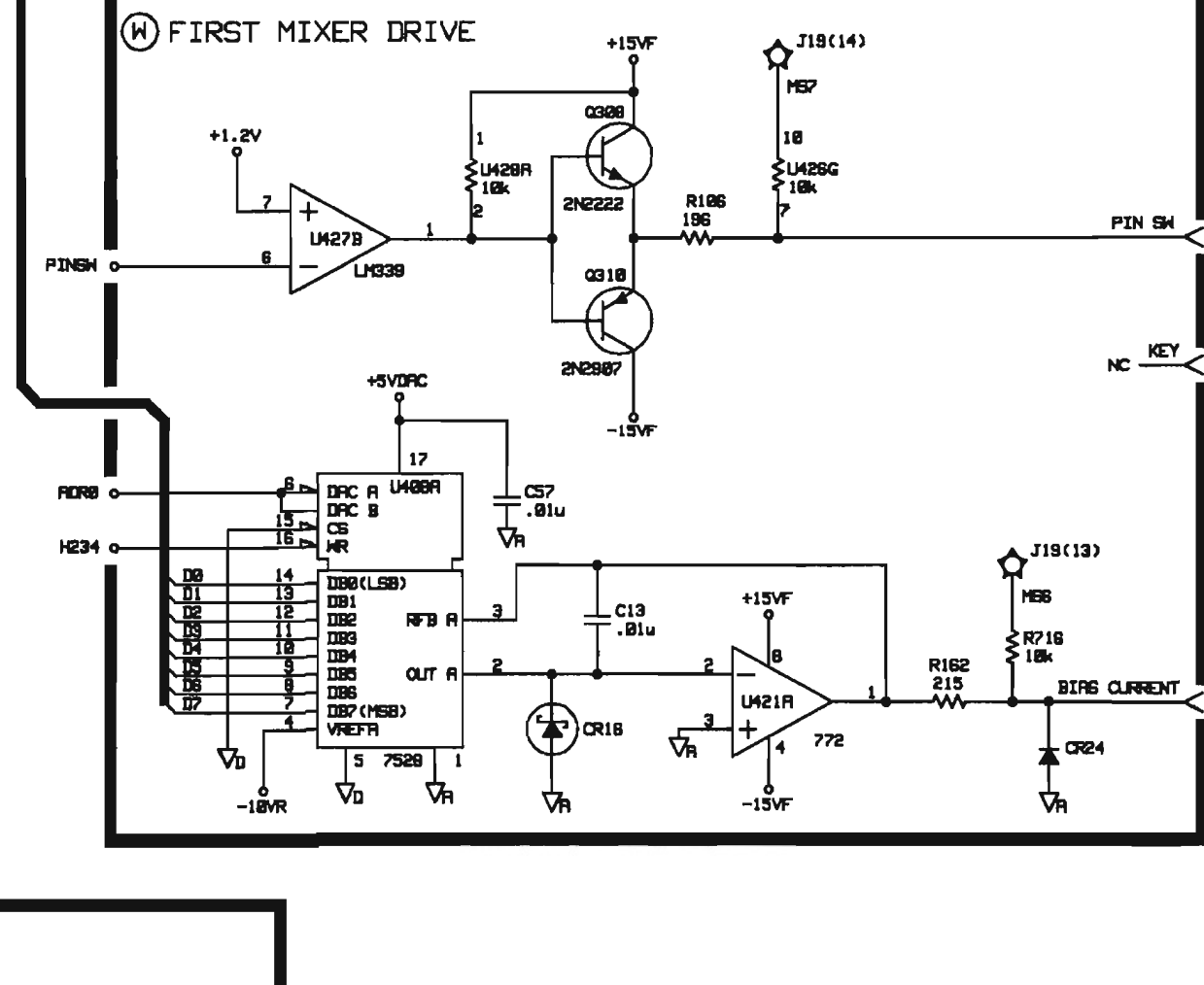
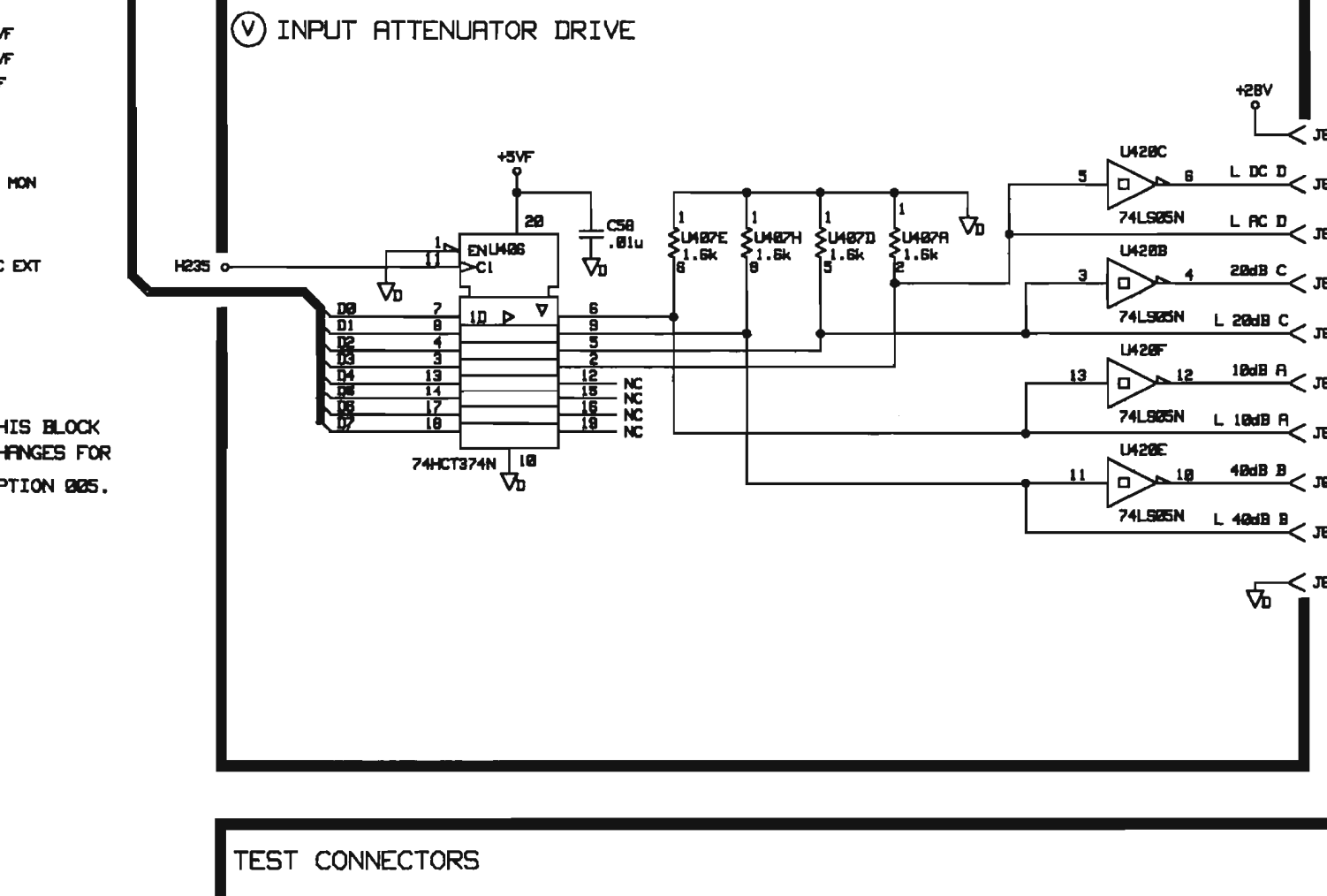
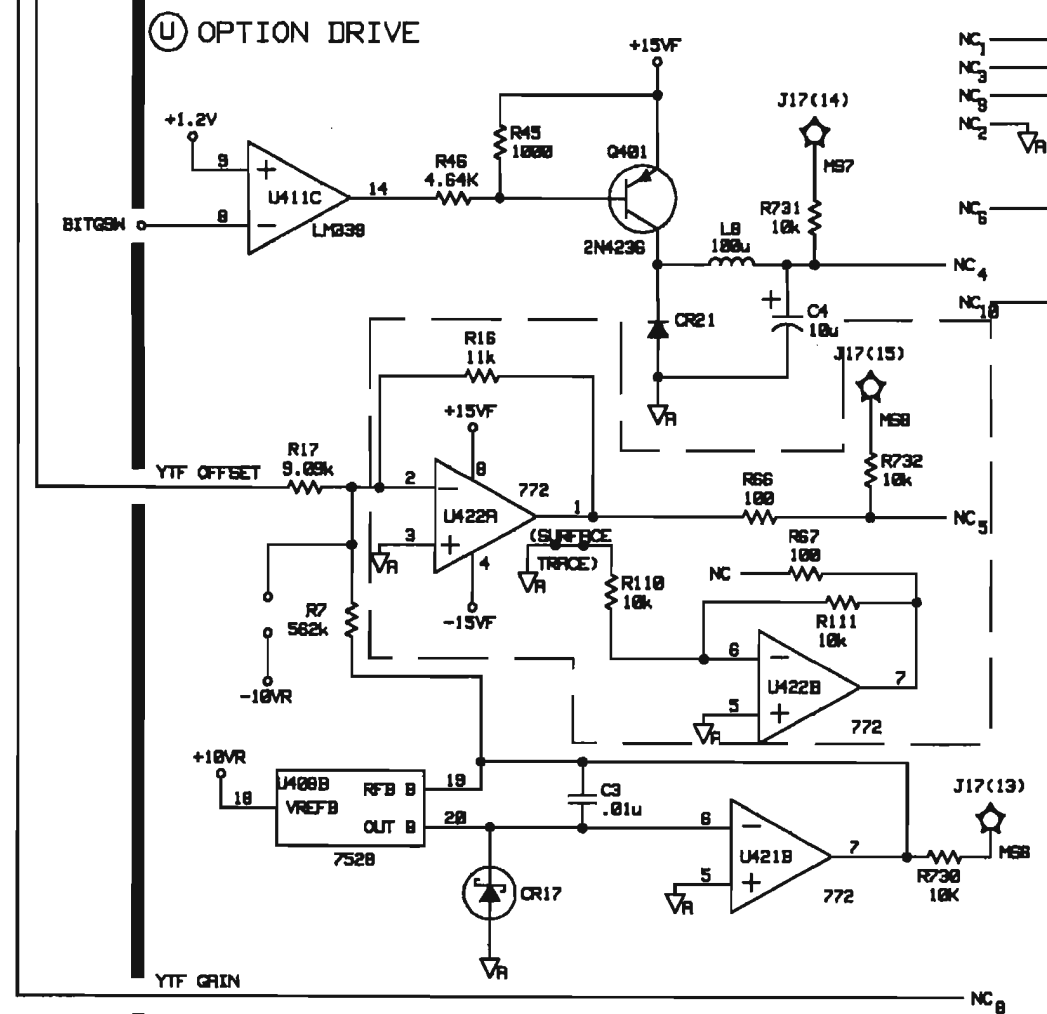
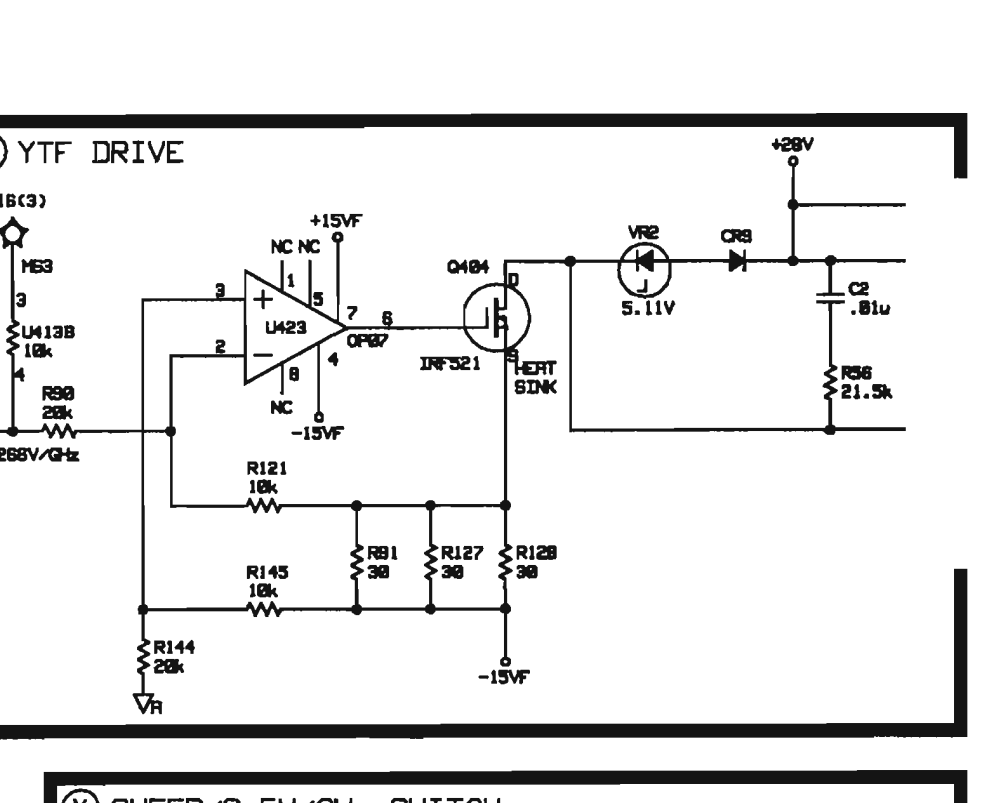
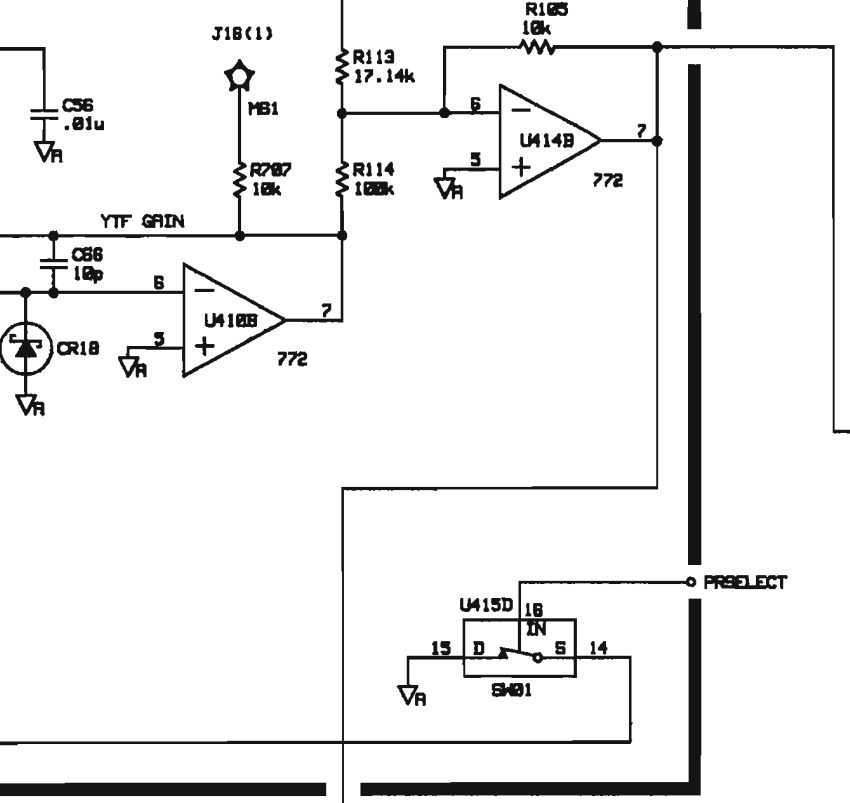
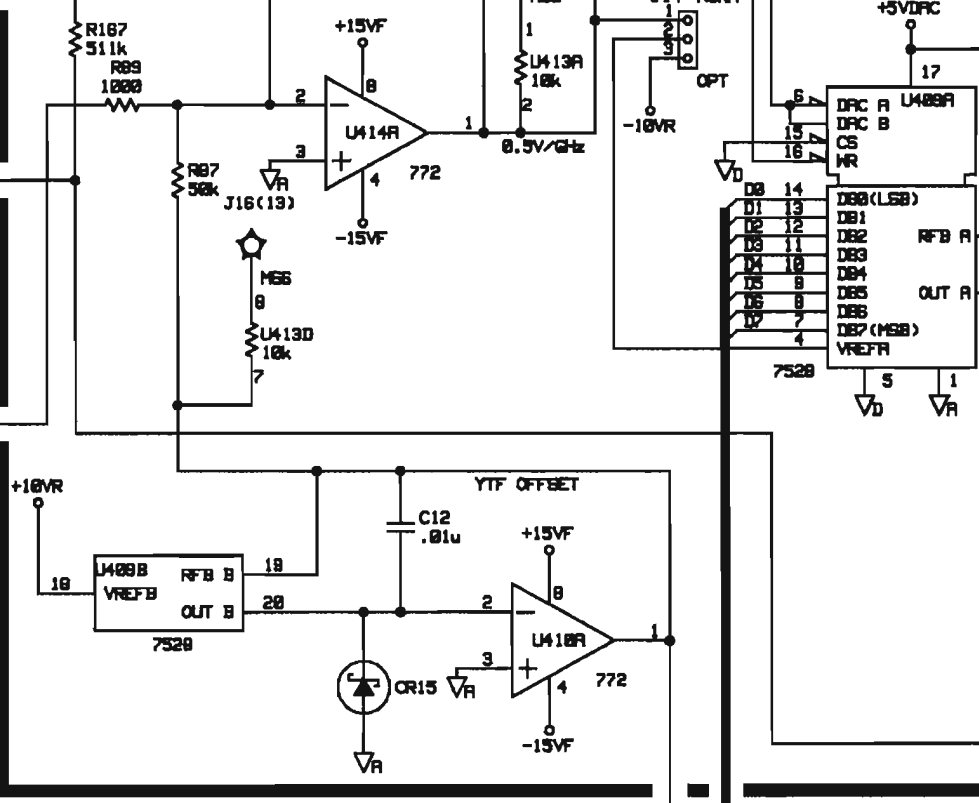
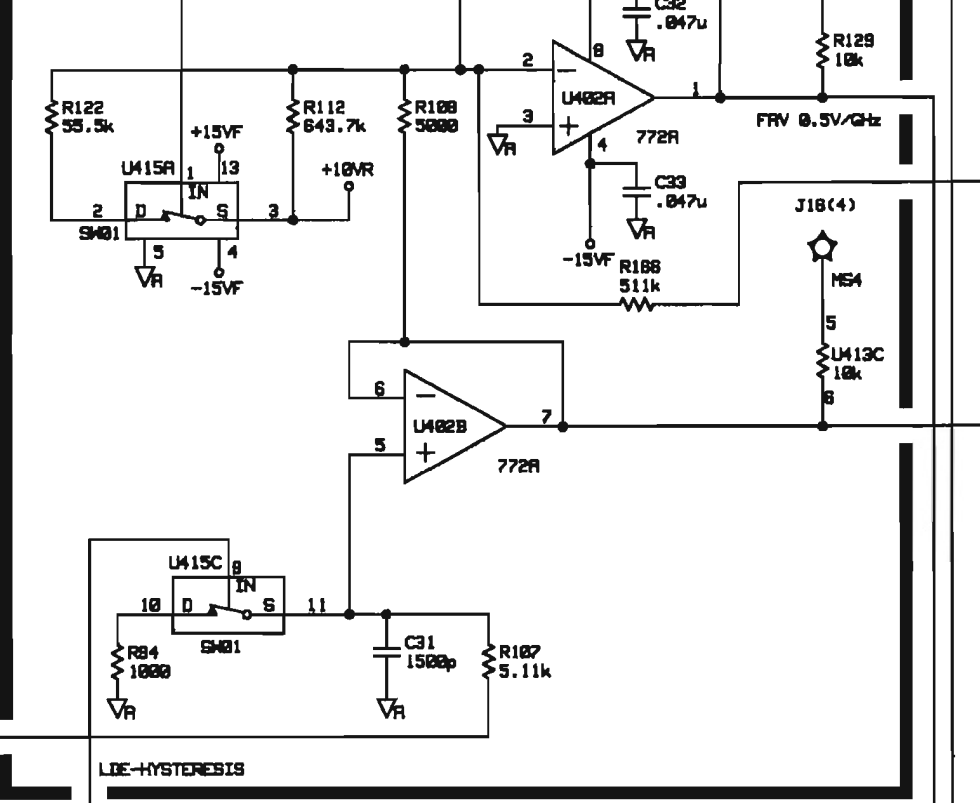
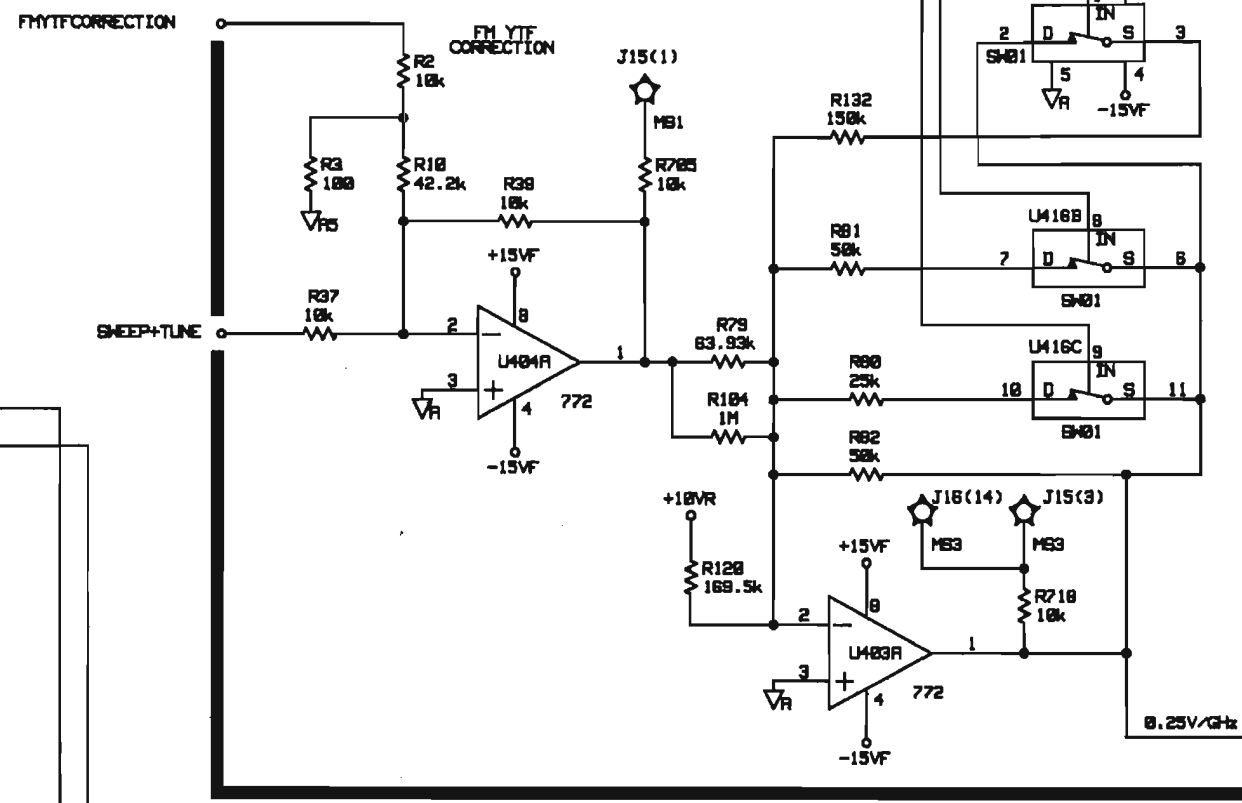
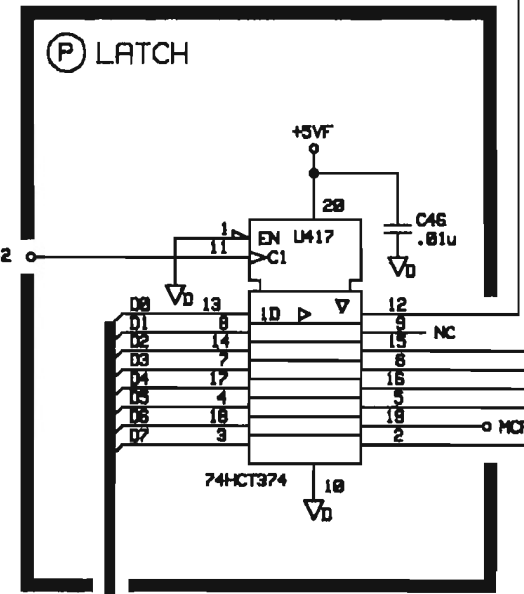
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UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES	DATE	BOARD ASSEMBLY- FREQUENCY CONTROL	HEWLETT PACKARD
YIELDING: 30, 100 & 815	ENGINEER/CHECKER	TITLE	08561-60036
SEE COMP. STD. 880	RELAYED TO PROD.	NONE	E-08561-60036-2
REWORKER/INC.		1 2	

SYN	REVISIONS	APPROVED	DATE
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B	PER PCO 53-07344	DC	

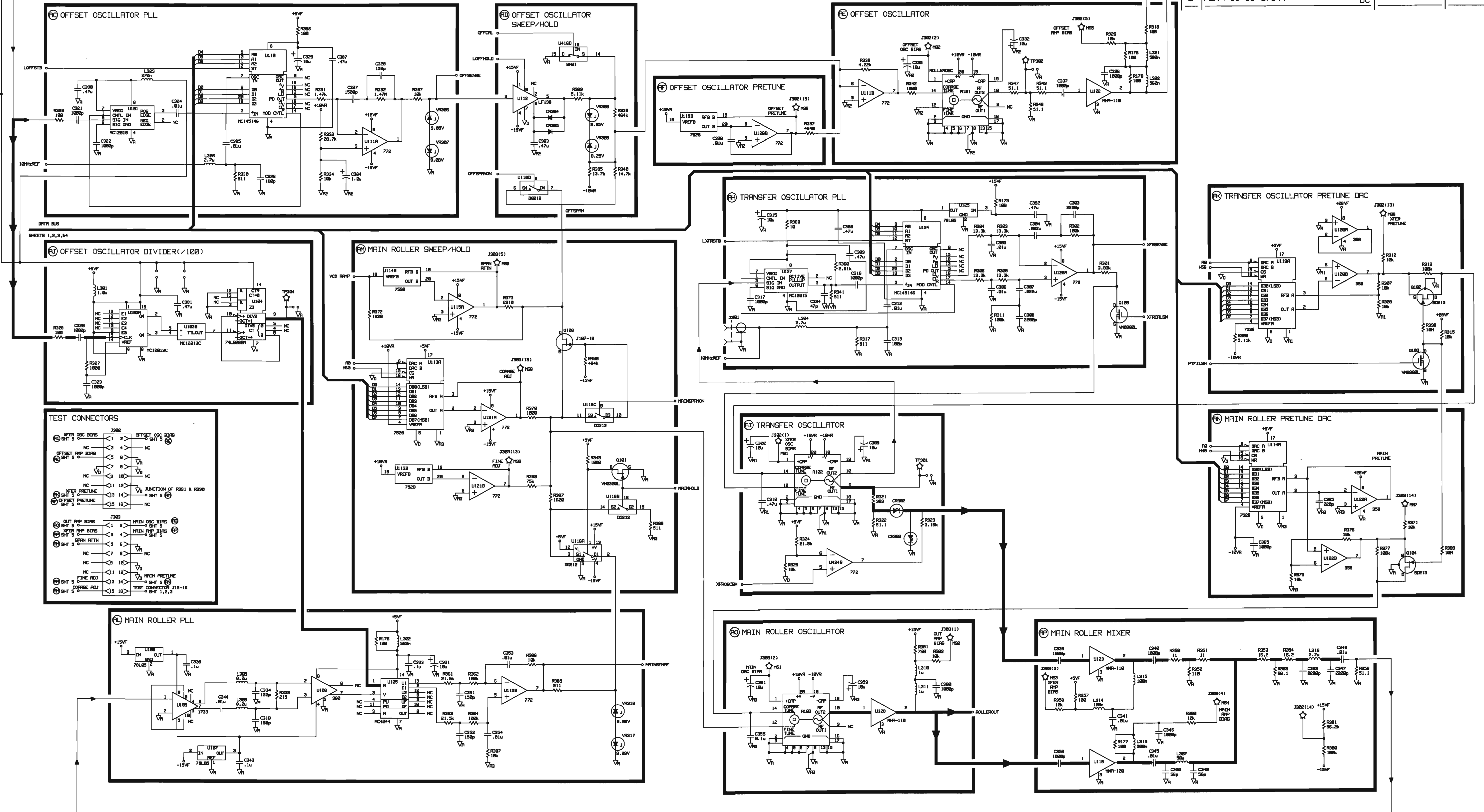


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2	L	B	S	R	R
3	L	B	S	R	R
4	L	B	S	R	R
5	L	B	S	R	R

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ITEM	QTY.	PART/MATERIAL-DESCRIPTION	MAT'L-PART NO.	MAT'L-ING. NO.	MAT'L-SPEC.
BOARD ASSEMBLY-FREQUENCY CONTROL (SCHEMATIC)					
PART NUMBER 08561-60036					
SCALE NONE SHEET 3 OF 5					

SYM	REVISIONS	APPROVED	DATE
A	AS ISSUED PER PCO 53-07449	DC	
B	PER PCO 53-07344	DC	



MNEMONIC	1	2	3	4	5
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ITEM	QTY.	PART/MATERIAL-DESCRIPTION	MAT'L-PART NO.	MAT'L-ING. NO.	MAT'L-SPEC.
1		BOARD ASSEMBLY-FREQUENCY CONTROL			
2		SCHEMATIC			
3		FILE NAME-08561			
4		SCALE NONE			
5		SHEET 5 OF 5			
6		D-08561-60036-1			

Component-Level Information Packet

for 08562-60042

HP-IB

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HP Document Part Number 08562-90115

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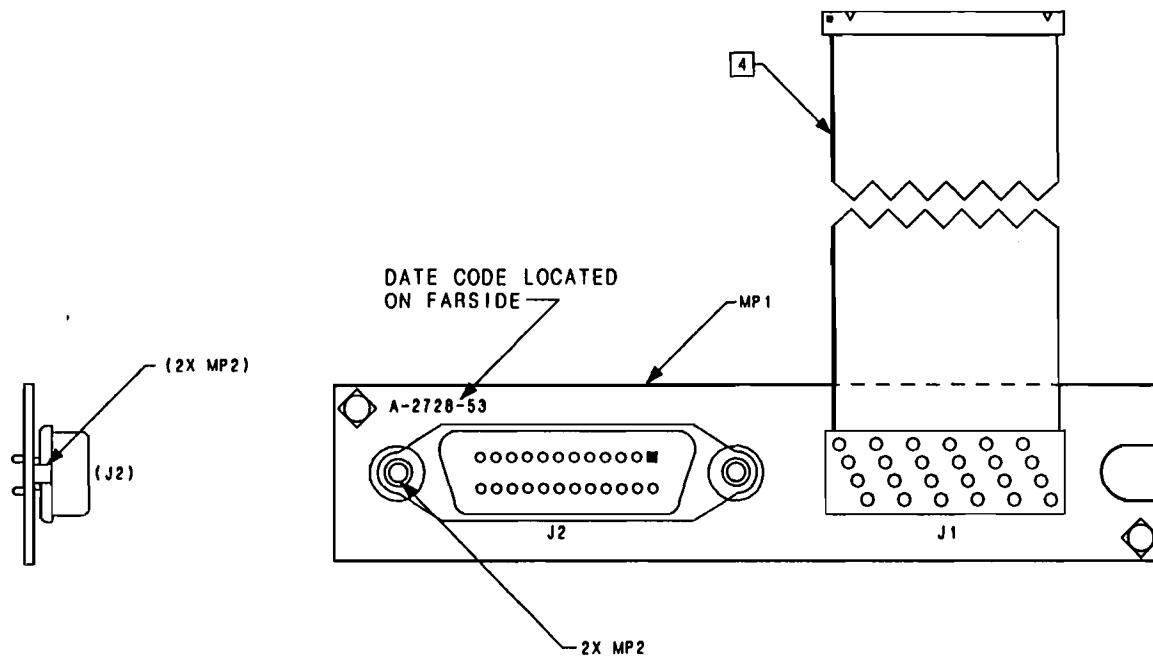
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PACKARD**

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NOTES: UNLESS OTHERWISE SPECIFIED

1. DIMENSIONS ARE IN INCHES
2. MAXIMUM COMPONENT HEIGHT .551
3. MAXIMUM LEAD TRIM LENGTH .118
4. BLUE LINE ON CABLE INDICATES PIN 1 ON CONNECTORS.

SEE 08562-60042 MATERIAL LIST

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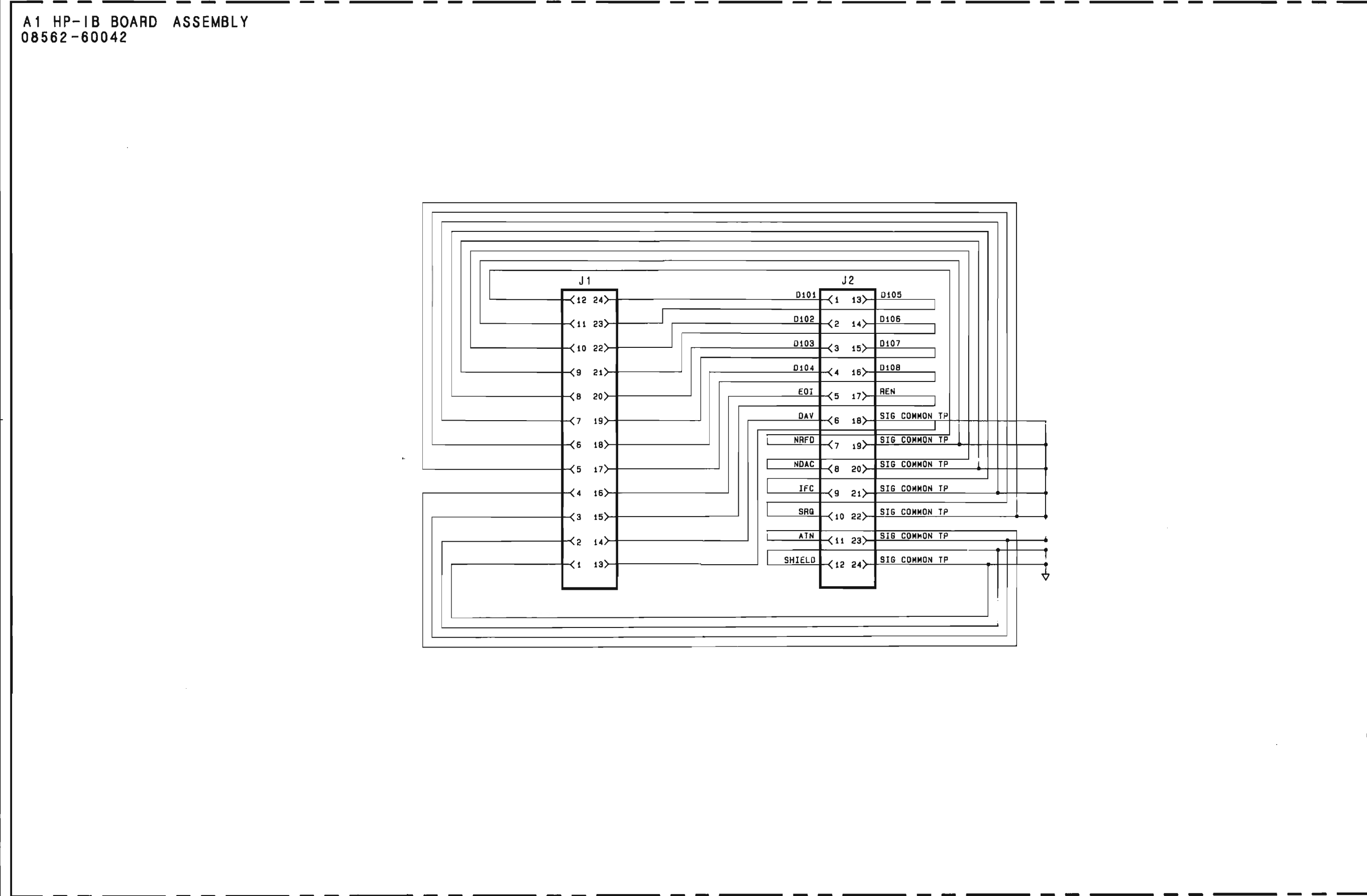
BOARD ASSEMBLY-
HP-1B

 HEWLETT
PACKARD


TITLE
SCALE 2X SHEET 1 OF 1

PART NUMBER 08562-60042
08562-60042-2

SYM	D-08562-60042-1	
	REVISIONS	APPROVED
	DATE	
A		



- NOTES:
1. REFERENCE DESIGNATORS WITHIN THIS ASSEMBLY ARE ABBREVIATED. FOR COMPLETE REFERENCE DESIGNATION, PREFIX ABBREVIATION WITH ASSEMBLY DESIGNATION.
 2. UNLESS OTHERWISE INDICATED: RESISTANCE IS IN OHMS (Ω) CAPACITANCE IS IN MICROFARADS (μF) INDUCTANCE IS IN MICROHENRIES (μH)
 3. UNLESS OTHERWISE INDICATED: SIGNALS ENTER AT LEFT SIDE AND EXIT AT RIGHT SIDE OF FUNCTION BLOCKS.
 4. MNEMONIC TABLE:
- | MNEMONIC | DESCRIPTION |
|----------|-------------|
| | |

		BOARD ASSEMBLY- HP-1B (SCHEMATIC)		 HEWLETT PACKARD	
ENGINEER/CHECKER		TITLE		08562-60042	
RELEASE TO PROD				PART NUMBER	
SUPERSEDES DWG.				D-08562 - 60042 - 1	
		SCALE NONE		SHEET 1 of 1	

Component-Level Information Packet

for 08562-60094

Power Supply

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HP Part Number 08562-60094

Power Supply

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C101	0180-3777	6	1	CAP-FXD 270uF 200 V AL-ELCTLT	00493	NMHR200VN271M30X30SD
C102	0180-3777	6	1	CAP-FXD 270uF 200 V AL-ELCTLT	00493	NMHR200VN271M30X30SD
C103	0160-4065	5	1	CAP-FXD 0.1uF 0 V PPR-MET	11892	PME271M610M
C104	0160-4065	5	1	CAP-FXD 0.1uF 0 V PPR-MET	11892	PME271M610M
C105	0160-4281	7	1	CAP-FXD 2200pF 0 V PPR-MET	11892	PME271Y422M
C106	0160-4281	7	1	CAP-FXD 2200pF 0 V PPR-MET	11892	PME271Y422M
C107	0180-3777	6	1	CAP-FXD 270uF 200 V AL-ELCTLT	00493	NMHR200VN271M30X30SD
C108	0180-3777	6	1	CAP-FXD 270uF 200 V AL-ELCTLT	00493	NMHR200VN271M30X30SD
C111	0160-4833	5	1	CAP-FXD 0.022uF 100 V	02010	SA201C223KAAH
C112	0160-5466	2	1	CAP-FXD 1000pF 1 kV POLYP-FL	06127	FKP 1
C113	0160-4065	5	1	CAP-FXD 0.1uF 0 V PPR-MET	11892	PME271M610M
C201	0180-3769	6	1	CAP-FXD 6.8uF 35 V TA	04200	299D685X9035DB1
C202	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C203	0180-3769	6	1	CAP-FXD 6.8uF 35 V TA	04200	299D685X9035DB1
C204	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C205	0160-4819	7	1	CAP-FXD 2200pF 100 V	02010	SA301A222JAAH
C206	0180-3632	2	1	CAP-FXD 22uF 16 V AL-ELCTLT	00493	KMC50VB22RM6X11LLM
C207	0160-4831	3	1	CAP-FXD 4700pF 100 V	02010	SA101C472KAAH
C208	0160-4833	5	1	CAP-FXD 0.022uF 100 V	02010	SA201C223KAAH
C209	0160-4831	3	1	CAP-FXD 4700pF 100 V	02010	SA101C472KAAH
C210	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C211	0180-3771	0	1	CAP-FXD 1uF 35 V TA	04200	299D105X9035AB1
C212	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C301	0180-2606	8	1	CAP-FXD 180uF 40 V AL-ELCTLT	02367	300EM181U040C
C302	0180-3639	9	1	CAPACITOR-FXD 1000UF+-20% 63VDC AL	00493	KM63VN102M22X30LL
C303	0180-3659	3	1	CAPACITOR-FXD 2200UF+-20% 35VDC AL	00493	KME35VN222M22X25LL
C304	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C305	0180-3660	6	1	CAPACITOR-FXD 6800UF+-20% 10VDC AL	00493	KME10VN682M22X25LL
C306	0180-3659	3	1	CAPACITOR-FXD 2200UF+-20% 35VDC AL	00493	KME35VN222M22X25LL
C307	0180-3311	4	1	CAP-FXD 6.8uF 50 V AL-ELCTLT	04200	510D685M050AA4D
C308	0180-3311	4	1	CAP-FXD 6.8uF 50 V AL-ELCTLT	04200	510D685M050AA4D
C309	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C310	0180-2606	8	1	CAP-FXD 180uF 40 V AL-ELCTLT	02367	300EM181U040C
C311	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C312	0180-2606	8	1	CAP-FXD 180uF 40 V AL-ELCTLT	02367	300EM181U040C
C313	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C314	0160-4824	4	1	CAP-FXD 680pF 100 V	02010	SA101A681JAAH
C315	0180-3311	4	1	CAP-FXD 6.8uF 50 V AL-ELCTLT	04200	510D685M050AA4D
C316	0180-3311	4	1	CAP-FXD 6.8uF 50 V AL-ELCTLT	04200	510D685M050AA4D
C317	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C318	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C319	0160-4832	4	1	CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C320	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C321	0160-4830	2	1	CAP-FXD 2200pF 100 V	02010	SA101C222KAAH
C322	0180-3921	2	1	CAP-FXD 470uF 12 V AL-ELCTLT	02367	300E471U012B1
C324	0160-4835	7	1	CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C401	0180-3850	6	1	CAP-FXD 68uF 10 V TA	04200	299D686X9010DB1
C402	0160-5100	1	1	CAP-FXD 2700pF 100 V	02010	SA301A272JAAH

*Indicates factory-selected value

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Reference Designation	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
C403	0160-4833	5	1		CAP-FXD 0.022uF 100 V	02010	SA201C223KAAH
C404	0160-4832	4	1		CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C405	0160-4832	4	1		CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
C406	0180-3168	9	1		CAP-FXD 10uF 250 V AL-ELCTLT	00493	SM250VB10R(M)12X20
C407	0160-5583	4	1		CAP-FXD 1uF 160 V POLYP-MET	06127	MKP-10
C408	0160-4835	7	1		CAP-FXD 0.1uF 50 V	02010	SA115C104KAAH
C409	0160-4832	4	1		CAP-FXD 0.01uF 100 V	02010	SA101C103KAAH
CR101	1901-1098	1	1		DIODE-SWITCHING 1N4150 50V 200MA 4NS	00046	1N4150
CR106	1901-1098	1	1		DIODE-SWITCHING 1N4150 50V 200MA 4NS	00046	1N4150
CR107	1901-0896	5	1		DIODE-PWR RECT 600V 1A 250NS	05131	RC60
CR108	1901-1130	2	1		DIODE-GEN PRP 600V 8A 50NS TO-220AC	02037	MUR860
CR201	1901-1065	2	1		DIODE-PWR RECT 1N4936 400V 1A 200NS	02037	1N4936
CR301	1901-0965	9	1		DIODE-PWR RECT 100V 3A 200NS	02037	
CR302	1901-0965	9	1		DIODE-PWR RECT 100V 3A 200NS	02037	
CR303	1901-1065	2	1		DIODE-PWR RECT 1N4936 400V 1A 200NS	02037	1N4936
CR304	1906-0262	9	1		DIODE-CT-RECT 100V 3A	00046	UES 2402
CR305	1906-0270	9	1		DIODE-CT-RECT 100V 20A	04504	
CR306	1906-0269	6	1		DIODE-CT-RECT 40V 10.8A	02037	MBR1545CT
CR308	1901-1065	2	1		DIODE-PWR RECT 1N4936 400V 1A 200NS	02037	1N4936
CR310	1901-1065	2	1		DIODE-PWR RECT 1N4936 400V 1A 200NS	02037	1N4936
CR311	1901-1065	2	1		DIODE-PWR RECT 1N4936 400V 1A 200NS	02037	1N4936
CR313	1901-1098	1	1		DIODE-SWITCHING 1N4150 50V 200MA 4NS	00046	1N4150
CR314	1901-1098	1	1		DIODE-SWITCHING 1N4150 50V 200MA 4NS	00046	1N4150
CR315	1901-0033	2	1		DIODE-GEN PRP 180V 200MA DO-35	00046	1N645
CR401	1901-1065	2	1		DIODE-PWR RECT 1N4936 400V 1A 200NS	02037	1N4936
CR402	1901-1065	2	1		DIODE-PWR RECT 1N4936 400V 1A 200NS	02037	1N4936
CR403	1901-1065	2	1		DIODE-PWR RECT 1N4936 400V 1A 200NS	02037	1N4936
CR404	1901-1065	2	1		DIODE-PWR RECT 1N4936 400V 1A 200NS	02037	1N4936
CR405	1901-1065	2	1		DIODE-PWR RECT 1N4936 400V 1A 200NS	02037	1N4936
E101	1970-0096	2	1		TUBE-ELECTRON SURGE V PTCTR	08761	IVP-230B
E102	1970-0096	2	1		TUBE-ELECTRON SURGE V PTCTR	08761	IVP-230B
J1	1252-1064	4	1		CONN-POST TYPE .100-PIN-SPCG 50-CONT	01380	1-746878-0
J2	1251-8507	2	1		CONN-UTIL MT-LK 6-CKT 6-CONT	01380	350762-4
J3	1252-2044	2	1		CONN-POST TYPE .100-PIN-SPCG 2-CONT	01380	644222-1
J4	1252-2045	3	1		CONN-POST TYPE .100-PIN-SPCG 5-CONT	01380	644093-2
J5	1252-1744	7	1		CONN-POST TYPE .100-PIN-SPCG 5-CONT	01380	103414-3
J101	1251-5804	6	1		CONN-UTIL MT-LK 2-CKT 2-CONT	01380	350824-1
L101	9140-1286	3	1		INDUCTOR, POWER LINE COM MODE L=35 mH +6	09507	5180-4992
L102	9140-1181	7	1		INDUCTOR-FIXED L(@10 KHZ): 12 UH+-10% @	01886	66925-A
L103	9140-1181	7	1		INDUCTOR-FIXED L(@10 KHZ): 12 UH+-10% @	01886	66925-A
L104	9140-1181	7	1		INDUCTOR-FIXED L(@10 KHZ): 12 UH+-10% @	01886	66925-A
L105	9140-1330	8	1		INDUCTOR 1MH 22.5W-MMX30LG-MM	09507	
L301	9140-1181	7	1		INDUCTOR-FIXED L(@10 KHZ): 12 UH+-10% @	01886	66925-A
L401	9140-0922	2	1		INDUCTOR RF-CH-MLD 20MH +-5% .31W-INX.75	02172	01289-011J
L402	9140-1181	7	1		INDUCTOR-FIXED L(@10 KHZ): 12 UH+-10% @	01886	66925-A
MP2	5021-6308	4	1		HEAT SINK-RGLTR	28480	5021-6308
MP3	5021-6394	8	1		HEAT SINK-RECT D10	28480	5021-6394

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
MP4	5021-7455	4	1	HEAT SINK	28480	5021-7455
MP6	0340-1146	9	1	INSULATOR SIL-RBR	05447	
MP7	5041-7282	7	1	B-INSUL TO-220	28480	5041-7282
MP8	0515-0367	5	1	SCREW-MACHINE ASSEMBLY M2.5 X 0.45	05610	
MP10	0380-2053	3	1	SPACER-RVT-ON 37.5-MM-LG 3.8-MM-ID 6.17-	02121	
MP11	1200-0173	5	1	INSULATOR-XSTR DAP-GL	02210	A-10001 DAP
MP13	0515-0894	3	1	SCREW-MACH M2.5 X 0.45 6MM-LG PAN-HD	01125	
MP14	3050-0890	6	1	WASHER-FL MTLCL 2.5 MM 2.78-MM-ID	06691	
MP21	1205-0687	6	1	HEAT SINK SGL TO-5/TO-39-CS	07179	2114B
MP22	0340-1193	6	1	ER DIVISION	28480	0340-1193
MP23	5001-8765	9	1	RGLTR HTSK INSUL	28480	5001-8765
Q102	1855-0607	7	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-220 S	02037	MTP4N50
Q103	1855-0606	6	1	TRANSISTOR MOSFET N-CHAN TO-220 SI	02037	MTP5N40
Q104	1855-0606	6	1	TRANSISTOR MOSFET N-CHAN TO-220 SI	02037	MTP5N40
Q201	1855-0607	7	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-220 S	02037	MTP4N50
Q301	1855-0517	8	1	TRANSISTOR MOSFET P-CHAN E-MODE TO-220 S	02037	MTP8P10
Q302	1853-0281	9	1	TRANSISTOR PNP 2N2907A SI TO-18 PD=400MW	02037	2N2907A
Q303	1855-0565	6	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-220 S	02037	MTP10N12
Q304	1854-0712	3	1	TRANSISTOR-DUAL NPN PD=1.8W	02180	MAT-016H
Q305	1853-0316	1	1	TRANSISTOR-DUAL PNP PD=500MW	03799	
Q306	1854-0477	7	1	TRANSISTOR NPN 2N2222A SI TO-18 PD=500MW	02037	2N2222A
Q401	1854-0840	8	1	TRANSISTOR NPN DARL TO-220AB PD=2W	01698	TIP100
R101	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R103	0757-0464	5	1	RESISTOR 90.9K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R104	0757-0464	5	1	RESISTOR 90.9K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R106	0699-1862	5	1	RESISTOR 39K +-5% 5W MO TC=0+-400	11248	MNR05N393J
R107	0699-1862	5	1	RESISTOR 39K +-5% 5W MO TC=0+-400	11248	MNR05N393J
R108	0698-3430	5	1	RESISTOR 21.5 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R109	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R110	0811-3692	3	1	RESISTOR 3.9 +-5% 5W PWI TC=0+-400	11248	MNS05N-3R9-J
R111	0698-3160	8	1	RESISTOR 31.6K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R114	0699-1863	6	1	RESISTOR 150 +-5% 5W MO TC=0+-400	11248	MNR05N151J
R116	0811-3739	9	1	RESISTOR .22 +-5% 5W PWI TC=0+-400	11248	MNS05NR22J
R119	0698-3454	3	1	RESISTOR 215K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R120	0698-3454	3	1	RESISTOR 215K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R121	0698-3160	8	1	RESISTOR 31.6K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R122	0698-3441	8	1	RESISTOR 215 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R201	0698-3453	2	1	RESISTOR 196K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R202	0698-3453	2	1	RESISTOR 196K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R203	0698-3454	3	1	RESISTOR 215K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R204	0698-3454	3	1	RESISTOR 215K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R205	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	00746	CRB20.
R206	0698-7224	3	1	RESISTOR 316 +-1% .05W TF TC=0+-100	00746	CRB20
R207	0698-7248	1	1	RESISTOR 3.16K +-1% .05W TF TC=0+-100	00746	CRB20
R210	0757-0398	4	1	RESISTOR 75 +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R211	0757-0398	4	1	RESISTOR 75 +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R212	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25

*Indicates factory-selected value

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R213	0757-0418	9	1	RESISTOR 619 +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R214	0698-8958	2	1	RESISTOR 511K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R215	0757-0199	3	1	RESISTOR 21.5K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R216	0757-0464	5	1	RESISTOR 90.9K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R217	0698-3456	5	1	RESISTOR 287K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R218	0757-0123	3	1	RESISTOR 34.8K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R219	0757-0199	3	1	RESISTOR 21.5K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R221	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R224	0757-0458	7	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R228	0698-3430	5	1	RESISTOR 21.5 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R301	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R302	0698-0082	7	1	RESISTOR 464 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R303	0698-0084	9	1	RESISTOR 2.15K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R304	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R305	0698-0085	0	1	RESISTOR 2.61K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R306	0698-0084	9	1	RESISTOR 2.15K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R307	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R308	0698-0085	0	1	RESISTOR 2.61K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R309	0811-3738	8	1	RESISTOR .15 +-5% 5W PWI TC=0+-400	11248	MNS05NR15J
R310	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R311	0698-3447	4	1	RESISTOR 422 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R312	0698-6362	8	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R313	0698-6362	8	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R316	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R317	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R318	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R319	0698-8827	4	1	RESISTOR 1M +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R320	0757-0458	7	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R321	0757-0199	3	1	RESISTOR 21.5K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R322	0811-3738	8	1	RESISTOR .15 +-5% 5W PWI TC=0+-400	11248	MNS05NR15J
R325	0698-6362	8	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R326	0698-6362	8	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R327	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R328	0698-6320	8	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R329	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R330	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R331	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	00746	CRB14 OR CRB25
R333	0757-0439	4	1	RESISTOR 6.81K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R334	0698-3154	0	1	RESISTOR 4.22K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R335	0698-3439	4	1	RESISTOR 178 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R339	0757-0464	5	1	RESISTOR 90.9K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R341	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R342	0698-3162	0	1	RESISTOR 46.4K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R343	0698-8824	1	1	RESISTOR 562K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R344	0757-1094	9	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R345	0757-1094	9	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R401	0698-3132	4	1	RESISTOR 261 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R402	0698-3157	3	1	RESISTOR 19.6K 1% .125W TF TC=0+-100	00746	CRB14 OR CRB25

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R403	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R404	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R408	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R410	2100-4183	4	1	RESISTOR-TRMR 1K 10% TKF TOP-ADJ 1-TRN	03744	3329H-EG9-102
R411	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	00746	CRB14 OR CRB25
R412	0698-3601	2	1	RESISTOR 10 5% 2W MO TC=0+-200	02499	GS-3
R413	0812-0021	8	1	RESISTOR .47 +-5% 3W PWI TC=0+-90	01854	T2B-79
RT101	0837-0287	0	1	THERMISTOR-SURGE PTCTR 5 OHM AT 25 DEG C	12830	SG-80
RT102	0837-0287	0	1	THERMISTOR-SURGE PTCTR 5 OHM AT 25 DEG C	12830	SG-80
RT201	0837-0260	9	1	THERMISTOR-SWITCHING RESISTANCE: 100	06784	OTP100.11
RT202	0837-3720	2	1	THERMISTOR-SWITCHING PTC RESISTANCE AT	06784	195Q80115
RT301	0837-0050	5	1	THERMISTOR DISC 1K-OHM TC=-4.4%/C-DEG	02761	KA31J1
S102	3101-2608	7	1	SWITCH-SL DPDT STD 5A 250VAC PC	05959	4021.4721
T101	9100-0555	3	1	TRANSFORMER-PULSE PRI IND: 10 MH	01869	PE-4002X-001
T103	9100-4661	0	1	TRANSFORMER-SWITCHING PRI IND: 18.5 MH	09507	5180-8049
TP101	0360-0535	0	1	TERMINAL-TEST POINT .330IN ABOVE	04055	
TP201	0360-0535	0	1	TERMINAL-TEST POINT .330IN ABOVE	04055	
TP401	0360-0535	0	1	TERMINAL-TEST POINT .330IN ABOVE	04055	
TP405	0360-0535	0	1	TERMINAL-TEST POINT .330IN ABOVE	04055	
U101	1990-1074	0	1	OPTO-ISOLATOR LED-PXSTR IF=60MA-MAX BVR=	02037	4N35
U102	1906-0333	5	1	DIODE-FW BRDG 800V 4A	04504	RKBU4K
U201	1820-4032	7	1	IC-INTERFACE DRVR CMOS PERIPHERAL HIGH	02763	TSC426CPA
U202	1826-0759	9	1	IC COMPARATOR 6P QUAD 14-DIP-C PKG	02037	LM339J
U203	1826-0806	7	1	IC V RGLTR-SWG 18V 16-DIP-P PKG	02910	NE5560N
U204	1820-1112	8	1	IC FF TTL/LS D-TYPE POS-EDGE-TRIG PRESET	01698	SN74LS74AN
U205	1826-0367	5	1	IC V RGLTR-FXD-POS 4.8/5.2V TO-39 PKG	02037	MC78M05CG
U206	1990-0429	7	1	OPTO-ISOLATOR LED-IC GATE IF=10MA-MAX	01542	6N137
U207	1820-4032	7	1	IC-INTERFACE DRVR CMOS PERIPHERAL HIGH	02763	TSC426CPA
U208	1826-0412	1	1	IC COMPARATOR PRCN DUAL 8-DIP-P PKG	03406	LM393N
U210	1810-0954	3	1	NETWORK-RESISTOR 10 PIN SIP 0.100 IN PI	02483	750-10P-7R
U211	1810-0944	1	1	NETWORK-RESISTOR SINGLE IN LINE PACKAGE	02483	750-10P-8R
U212	1810-0279	5	1	NETWORK-RES 10-SIP 4.7K OHM X 9	02483	750-101
U301	1826-0393	7	1	IC V RGLTR-ADJ-POS 1.2/37V TO-220 PKG	01698	LM317KC
U302	1826-1221	2	1	IC COMPARATOR PRCN 8-DIP-C PKG	03406	LM311J-8
U303	1826-0412	1	1	IC COMPARATOR PRCN DUAL 8-DIP-P PKG	03406	LM393N
U304	1826-0300	6	1	IC V RGLTR-FXD-NEG 11.5/12.5V TO-39 PKG	03406	LM79M12CH
U305	1826-1431	6	1	IC V RGLTR-V-REF-FXD 4.9975/5.0025V	10858	LT1021CCN8-5
U306	1826-0557	5	1	IC OP AMP 6P QUAD 14-DIP-C PKG	03406	LM348J
U307	1826-0393	7	1	IC V RGLTR-ADJ-POS 1.2/37V TO-220 PKG	01698	LM317KC
U308	1810-0405	9	1	NETWORK-RES 8-SIP 470.0 OHM X 4	02483	750-83-R470
U401	1826-0806	7	1	IC V RGLTR-SWG 18V 16-DIP-P PKG	02910	NE5560N
U402	1826-0412	1	1	IC COMPARATOR PRCN DUAL 8-DIP-P PKG	03406	LM393N
U403	1810-0945	2	1	NETWORK-RES 8-SIP MULTI-VALUE	02483	750-8P-SR
U404	1810-0955	4	1	NETWORK-RESISTOR 10 PIN SIP PACKAGE 0.1	02483	750-10P-6R
VR201	1902-3203	6	1	DIODE-ZNR 14.7V 5% DO-35 PD=.4W	02037	
VR301	1902-0049	2	1	DIODE-ZNR 6.19V 5% DO-35 PD=.4W	02037	
VR303	1902-0049	2	1	DIODE-ZNR 6.19V 5% DO-35 PD=.4W	02037	

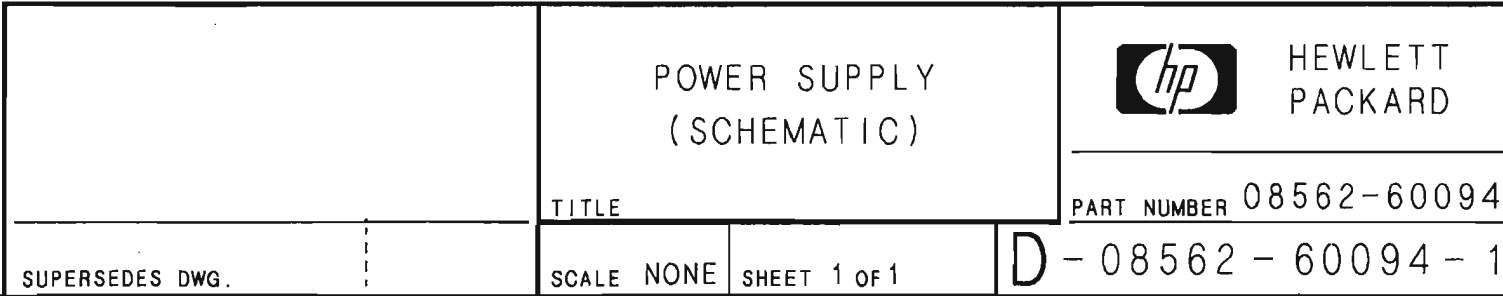
*Indicates factory-selected value

08562-60094 Parts List

Page 5 of 6

HP Part Number 08562-60094**Power Supply**

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
VR304	1902-3193	3	1	DIODE-ZNR 13.3V 5% DO-35 PD=.4W	02037	
VR305	1902-3193	3	1	DIODE-ZNR 13.3V 5% DO-35 PD=.4W	02037	



Component-Level Information Packet

for 08562-60140

Keyboard

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HP Document Part Number 08562-90188

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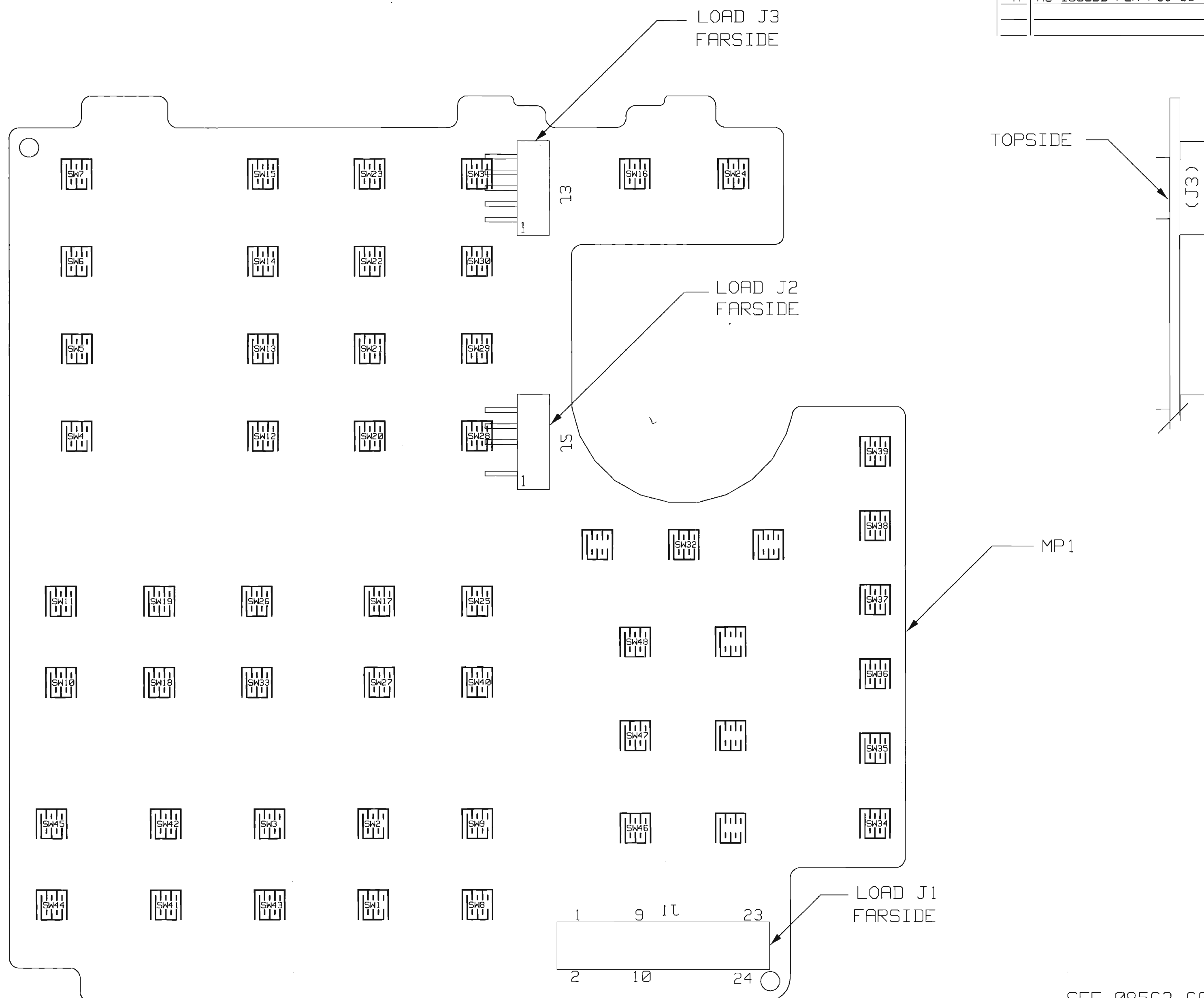


HP Part Number 08562-60140**Keyboard**

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
J1	5062-8259	4	1		28480	5062-8259
J2	1252-2043	1	1	CONN-POST TYPE .100-PIN-SPCG 4-CONT	01380	644221-2
J3	1251-7678	6	1	CONN-POST TYPE .100-PIN-SPCG 5-CONT	01380	641212-5
MP1	08562-20140	2	1		28480	08562-20140
NONE0849	7121-4611	2	1	LABEL-INFORMATION .15-IN-WD .6-IN-LG	09002	

**Indicates factory-selected value*

SYM	REVISIONS	APPROVED	DATE
A	AS ISSUED PER PC0 53-6999	/GH	10-28-91



SEE 08562-60140 MATERIAL LIST

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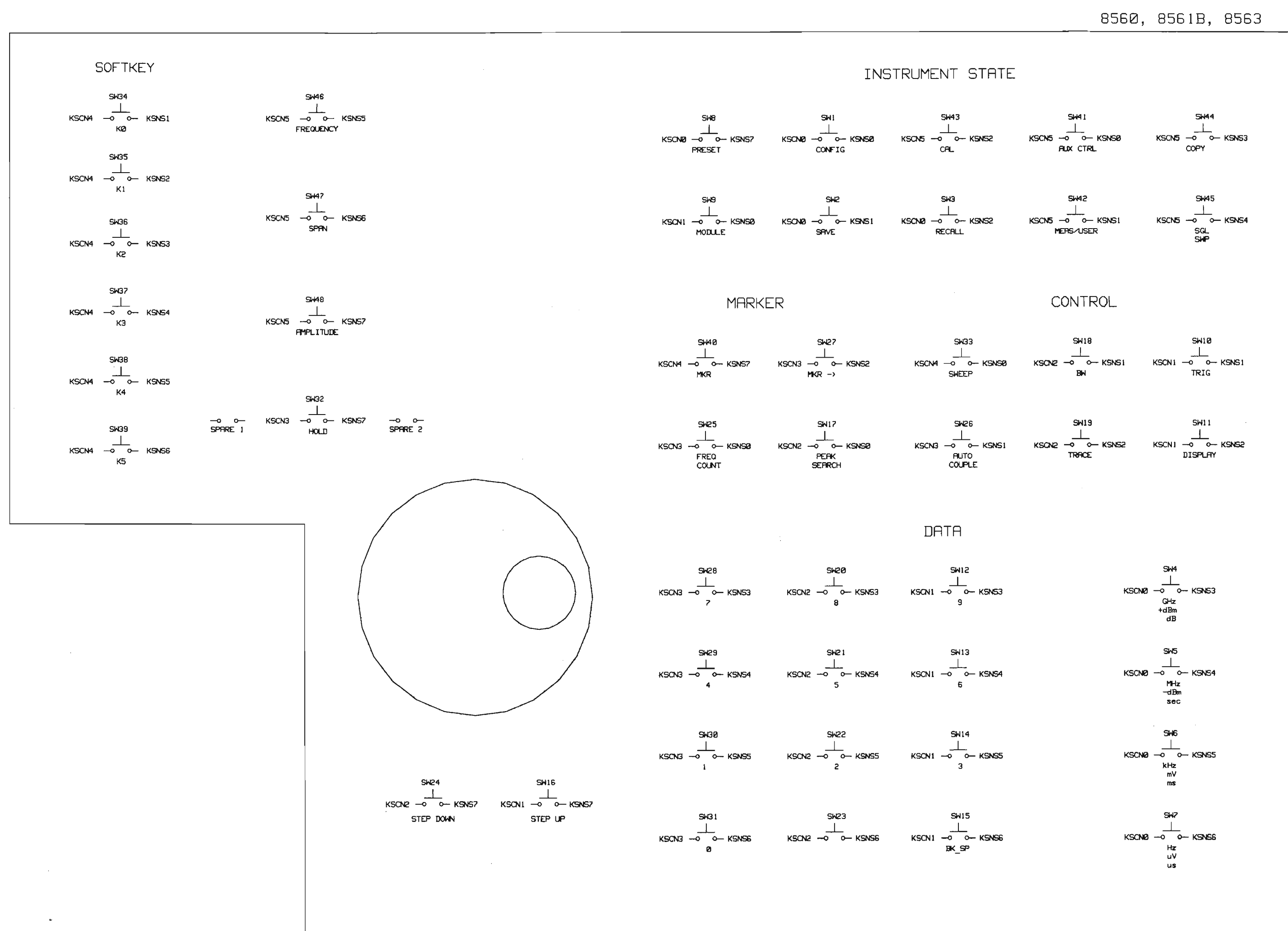
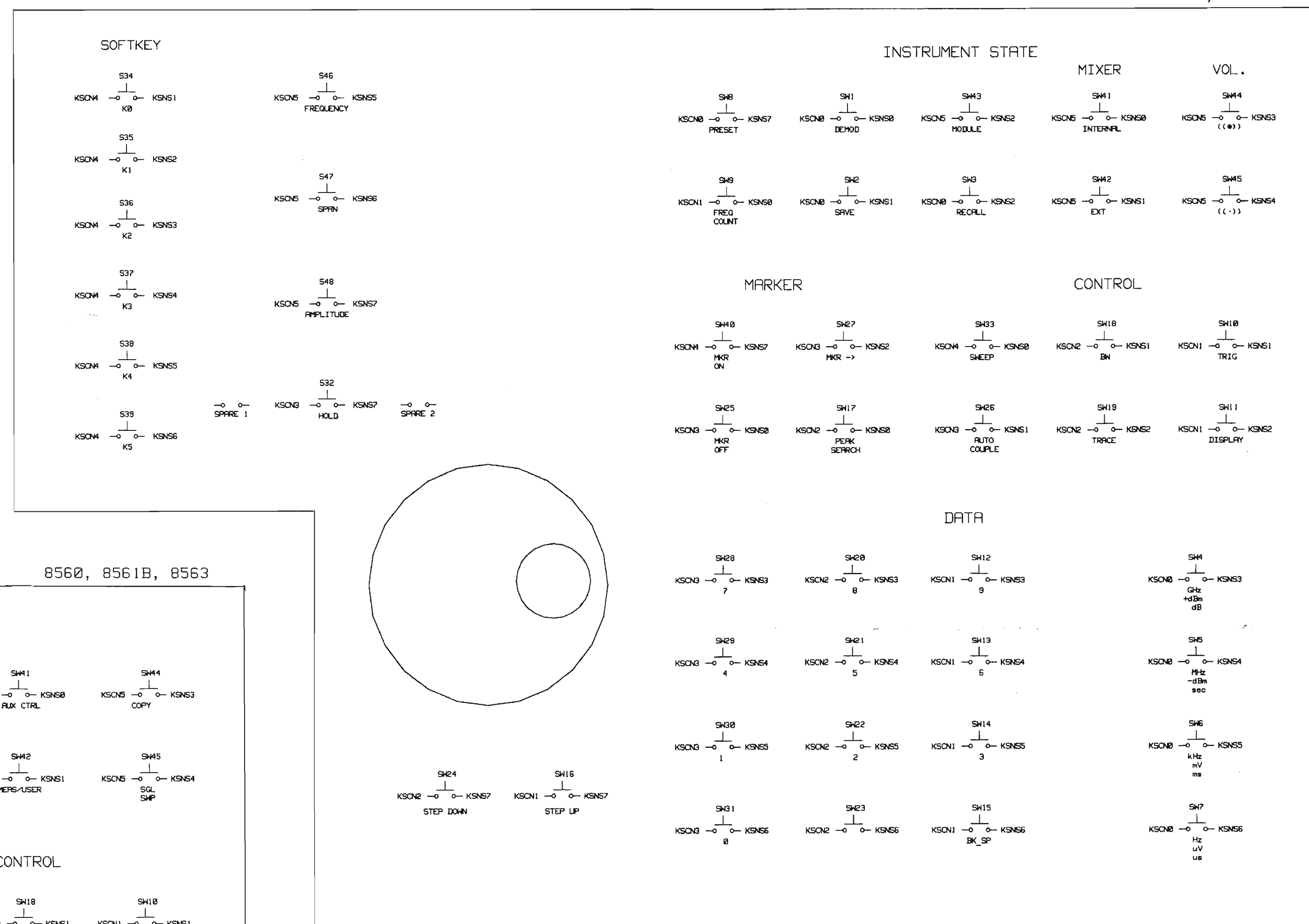
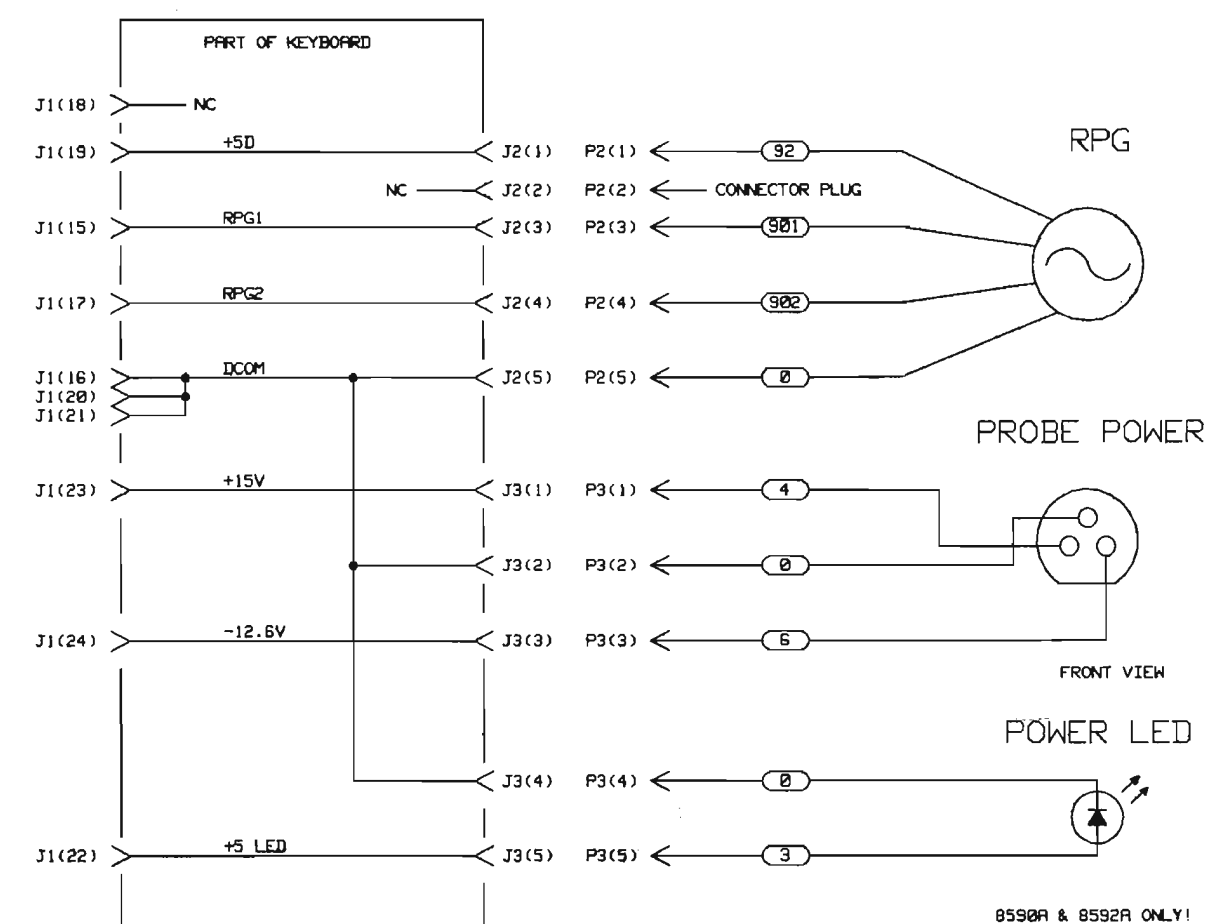
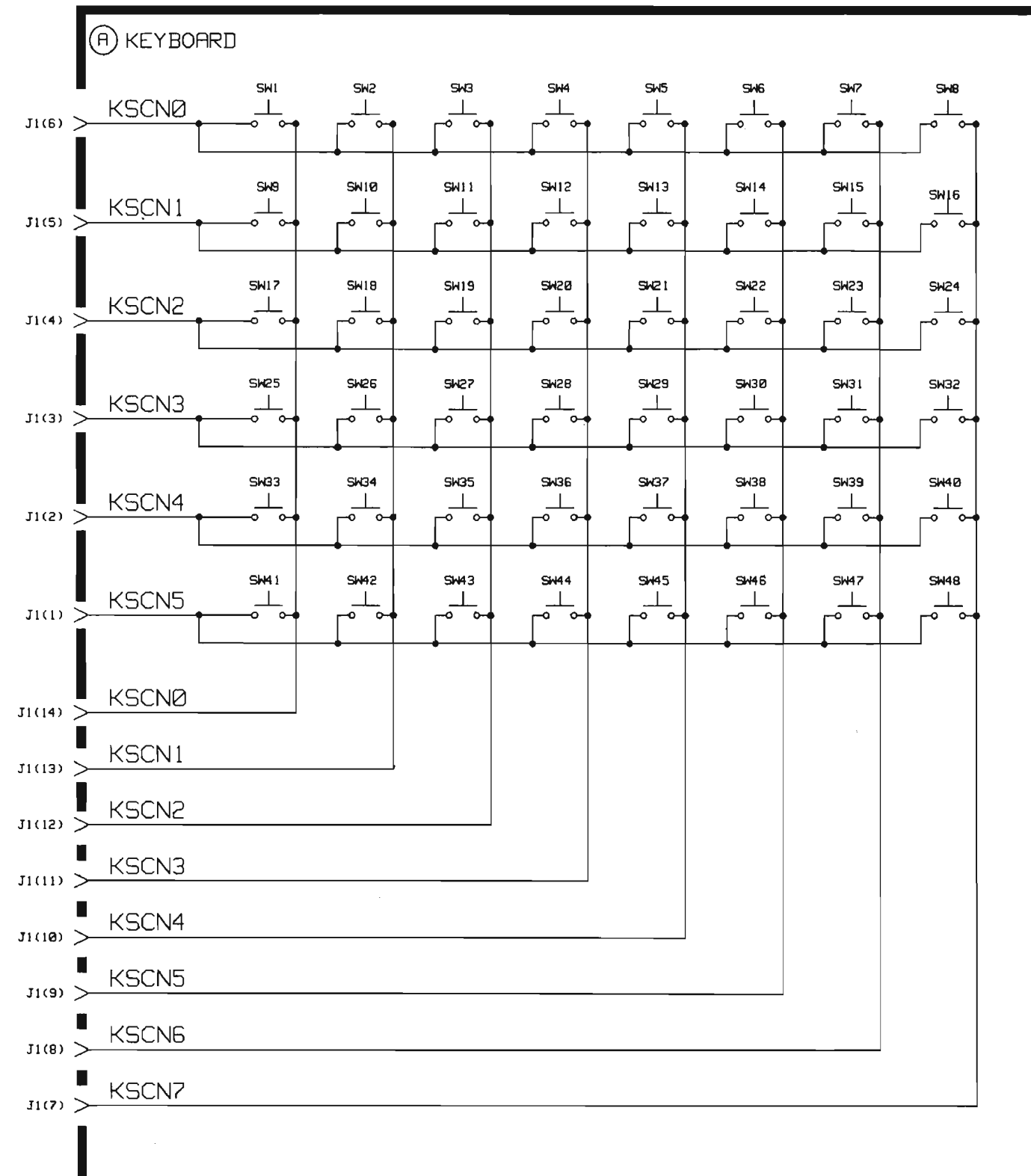
ASSEMBLY, PWB
KEYBOARD
TOPSIDE
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alaaw140
FILENAME
SCALE NONE
SHEET 1 OF 1
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ITEM	QTY.	PART/MATERIAL-DESCRIPTION	MAT'L-PART NO.	MAT'L-DWG. NO.	MAT'L-SPEC.
1	1	BOARD ASSEMBLY-KEYBOARD			
2	1	FILENAME-S1409A			
3	1	SCALE NONE			
4	1	SHEET 1 OF 1			
5	1	D			
6	1	08562-60140-1			

Component-Level Information Packet

for 08562-60144

Interface

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HP Part Number 08562-60144

Interface

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C2	0180-3328	3	1	CAP-FXD 10uF +-20% 63 V AL-ELCTLT	13328	AHR100M063
C4	0180-3328	3	1	CAP-FXD 10uF +-20% 63 V AL-ELCTLT	13328	AHR100M063
C8	0180-3632	2	1	CAP-FXD 22uF +-20% 50 V AL-ELCTLT	00493	KMC50VB22RM6X11RPX
C9	0180-3632	2	1	CAP-FXD 22uF +-20% 50 V AL-ELCTLT	00493	KMC50VB22RM6X11RPX
C10	0180-3328	3	1	CAP-FXD 10uF +-20% 63 V AL-ELCTLT	13328	AHR100M063
C101	0160-4814	2	1	CAP-FXD 150pF +-5% 100 V CER COG	02010	SA101A151JAAH
C102	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C103	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C104	0160-4807	3	1	CAP-FXD 33pF +-5% 100 V CER COG	02010	SA102A330JAAH
C105	0160-4796	9	1	CAP-FXD 3.9pF +-6.4% 100 V CER COG	02010	SA101A3R9CAAH
C106	0160-4574	1	1	CAP-FXD 1000pF +-10% 100 V CER X7R	02010	SA101C102KAAH
C107	0160-4084	8	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	02010	SR215C104MAAH
C108	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C109	0160-4804	0	1	CAP-FXD 56pF +-5% 100 V CER COG	02010	SA102A560JAAH
C110	0160-4084	8	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	02010	SR215C104MAAH
C111	0160-3874	2	1	CAP-FXD 10pF +-5% 200 V CER COG	06352	FD12C0G2D100D
C112	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C113	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	02010	SR201C103MAAH
C114	0160-4574	1	1	CAP-FXD 1000pF +-10% 100 V CER X7R	02010	SA101C102KAAH
C115	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	02010	SR201C103MAAH
C116	0160-5099	7	1	CAP-FXD 3300pF +-5% 100 V CER COG	02010	SA301A332JAAH
C117	0160-4040	6	1	CAP-FXD 1000pF +-5% 100 V CER COG	02010	SR201A102JAAH
C118	0160-4810	8	1	CAP-FXD 330pF +-5% 100 V CER COG	02010	SA101A331JAAH
C119	0160-4803	9	1	CAP-FXD 68pF +-5% 100 V CER COG	02010	SA102A680JAAH
C120	0160-4810	8	1	CAP-FXD 330pF +-5% 100 V CER COG	02010	SA101A331JAAH
C121	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C122	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C123	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C124	0160-4788	9	1	CAP-FXD 18pF +-5% 100 V CER COG	02010	SA102A180JAAH
C125	0160-4805	1	1	CAP-FXD 47pF +-5% 100 V CER COG	02010	SA102A470JAAH
C126	0160-4574	1	1	CAP-FXD 1000pF +-10% 100 V CER X7R	02010	SA101C102KAAH
C127	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C128	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C129	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C130	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C131	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C132	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C133	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C134	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C135	0160-4574	1	1	CAP-FXD 1000pF +-10% 100 V CER X7R	02010	SA101C102KAAH
C136	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C137	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C138	0160-4789	0	1	CAP-FXD 15pF +-5% 100 V CER COG	02010	SA102A150JAAH
C139	0180-4129	4	1	CAP-FXD 1uF +-10% 35 V TA	04200	173D105X9035V
C140	0180-4129	4	1	CAP-FXD 1uF +-10% 35 V TA	04200	173D105X9035V
C141	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C142	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C143	0160-4574	1	1	CAP-FXD 1000pF +-10% 100 V CER X7R	02010	SA101C102KAAH

*Indicates factory-selected value

HP Part Number 08562-60144

Interface

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C144	0160-4574	1	1	CAP-FXD 1000pF +-10% 100 V CER X7R	02010	SA101C102KAAH
C145	0160-5091	9	1	CAP-FXD 2200pF +-2% 100 V POLYP-FL	07284	222G01PP481
C146	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C147	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C148	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C149	0160-4574	1	1	CAP-FXD 1000pF +-10% 100 V CER X7R	02010	SA101C102KAAH
C150	0160-4574	1	1	CAP-FXD 1000pF +-10% 100 V CER X7R	02010	SA101C102KAAH
C151	0160-3875	3	1	CAP-FXD 22pF +-5% 200 V CER C0G	06352	FD12C0G2D220J
C152	0160-3874	2	1	CAP-FXD 10pF +-5% 200 V CER C0G	06352	FD12C0G2D100D
C153	0160-4387	4	1	CAP-FXD 47pF +-5% 200 V CER C0G	06352	FD12C0G2D470J
C201	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C202	0180-4129	4	1	CAP-FXD 1uF +-10% 35 V TA	04200	173D105X9035V
C203	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C204	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C205	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C206	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	02010	SR201C103MAAH
C207	0160-4040	6	1	CAP-FXD 1000pF +-5% 100 V CER C0G	02010	SR201A102JAAH
C208	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C209	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C210	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C211	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	02010	SR201C103MAAH
C212	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C214	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C215	0160-3874	2	1	CAP-FXD 10pF +-5% 200 V CER C0G	06352	FD12C0G2D100D
C216	0160-4822	2	1	CAP-FXD 1000pF +-5% 100 V CER C0G	02010	SA201A102JAAH
C217	0160-6717	8	1	CAP-FXD 1800pF +-2.5% 100 V POLYP-FL	06127	FKP2/1800pF/2.5%/100Vdc
C218	0160-3874	2	1	CAP-FXD 10pF +-5% 200 V CER C0G	06352	FD12C0G2D100D
C219	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C220	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C221	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C222	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C223	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C224	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C225	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C226	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C227	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C228	0160-4547	8	1	CAP-FXD 150pF +-5% 200 V CER C0G	02010	SR202A151JAAH
C229	0160-4547	8	1	CAP-FXD 150pF +-5% 200 V CER C0G	02010	SR202A151JAAH
C301	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C302	0180-4129	4	1	CAP-FXD 1uF +-10% 35 V TA	04200	173D105X9035V
C303	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C304	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C305	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C306	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	02010	SR201C103MAAH
C307	0160-4040	6	1	CAP-FXD 1000pF +-5% 100 V CER C0G	02010	SR201A102JAAH
C308	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C309	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH

HP Part Number 08562-60144 **Interface**

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C310	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C311	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	02010	SR201C103MAAH
C312	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C314	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C315	0160-3874	2	1	CAP-FXD 10pF +-5% 200 V CER COG	06352	FD12COG2D100D
C316	0160-4822	2	1	CAP-FXD 1000pF +-5% 100 V CER COG	02010	SA201A102JAAH
C317	0160-6717	8	1	CAP-FXD 1800pF +-2.5% 100 V POLYP-FL	06127	FKP2/1800pF/2.5%/100Vdc
C318	0160-3874	2	1	CAP-FXD 10pF +-5% 200 V CER COG	06352	FD12COG2D100D
C319	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C320	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C321	0160-4791	4	1	CAP-FXD 10pF +-5% 100 V CER COG	02010	SA102A100JAAH
C322	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C323	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C328	0160-4547	8	1	CAP-FXD 150pF +-5% 200 V CER COG	02010	SR202A151JAAH
C329	0160-4547	8	1	CAP-FXD 150pF +-5% 200 V CER COG	02010	SR202A151JAAH
C330	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C331	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C400	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C401	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C402	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C403	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C404	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C405	0160-4825	5	1	CAP-FXD 560pF +-5% 100 V CER COG	02010	SA101A561JAAH
C406	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C407	0160-4801	7	1	CAP-FXD 100pF +-5% 100 V CER COG	02010	SA102A101JAAH
C408	0180-4129	4	1	CAP-FXD 1uF +-10% 35 V TA	04200	173D105X9035V
C409	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C410	0160-4810	8	1	CAP-FXD 330pF +-5% 100 V CER COG	02010	SA101A331JAAH
C411	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C500	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C501	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C502	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C503	0160-4801	7	1	CAP-FXD 100pF +-5% 100 V CER COG	02010	SA102A101JAAH
C504	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C505	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C506	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C507	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C508	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C509	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C510	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C511	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C512	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C513	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C514	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C515	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C516	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C517	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C518	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH

*Indicates factory-selected value

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C519	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C520	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C521	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C522	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C523	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	02010	SA105C104KAAH
C600	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C601	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C602	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C603	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C604	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C605	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C606	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
C607	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	02010	SA101C103KAAH
CR101	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR102	1901-0518	8	1	DIODE-SCHOTTKY SM SIG	02062	5082-5509
CR103	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR105	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR106	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR107	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR108	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR109	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR110	1901-0518	8	1	DIODE-SCHOTTKY SM SIG	02062	5082-5509
CR111	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR112	1902-3104	6	1	DIODE-ZNR 5.62V 5% DO-35 PD=.4W	02037	
CR113	1901-1068	5	1	DIODE-SCHOTTKY SM SIG	02062	5082-5541
CR114	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR115	1902-0041	4	1	DIODE-ZNR 5.11V 5% DO-35 PD=.4W	02037	
CR116	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR117	1902-3188	6	1	DIODE-ZNR 12.7V 2% DO-35 PD=.4W	02037	
CR201	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR202	1901-1068	5	1	DIODE-SCHOTTKY SM SIG	02062	5082-5541
CR203	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR204	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR206	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR207	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR208	1902-0041	4	1	DIODE-ZNR 5.11V 5% DO-35 PD=.4W	02037	
CR209	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR301	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR302	1901-1068	5	1	DIODE-SCHOTTKY SM SIG	02062	5082-5541
CR303	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR304	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR306	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR307	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR308	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR310	1901-1344	0	1	DIODE-SWITCHING 125V 225MA DO-34	06337	BAS45
CR311	1902-3104	6	1	DIODE-ZNR 5.62V 5% DO-35 PD=.4W	02037	
CR312	1902-0126	6	1	DIODE-ZNR 2.61V 5% DO-7 PD=.4W TC=-.072%	02037	

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
CR500	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR501	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR502	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR600	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR601	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR602	1901-0050	3	1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03406	
CR603	1902-3357	1	1	DIODE-ZNR 56.2V 5% DO-7 PD=.4W TC=+.081%	02037	
E100	9170-1366	3	1	CORE-SHIELDING BEAD	03827	2743001112
E200	9170-1380	1	1	CORE-SHIELDING BEAD	03827	SAHP763
E201	9170-1366	3	1	CORE-SHIELDING BEAD	03827	2743001112
E300	9170-1380	1	1	CORE-SHIELDING BEAD	03827	SAHP763
E301	9170-1366	3	1	CORE-SHIELDING BEAD	03827	2743001112
J1	1252-1064	4	1	CONN-POST TYPE .100-PIN-SPCG 50-CONT	01380	1-746878-0
J2	1252-1064	4	1	CONN-POST TYPE .100-PIN-SPCG 50-CONT	01380	1-746878-0
J101	1250-0543	8	1	CONNECTOR-RF SMB M PC 50-OHM	05769	51-053-0349-BE8
J102	1250-0543	8	1	CONNECTOR-RF SMB M PC 50-OHM	05769	51-053-0349-BE8
J103	1250-0257	1	1	CONNECTOR-RF SMB M PC-W-STDFS 50-OHM	05769	051-351-0049-226
J105	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J400	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J401	5061-9029	6	1		28480	5061-9029
J600	1250-0543	8	1	CONNECTOR-RF SMB M PC 50-OHM	05769	51-053-0349-BE8
J601	1250-0543	8	1	CONNECTOR-RF SMB M PC 50-OHM	05769	51-053-0349-BE8
J602	1252-1065	5	1	CONN-POST TYPE .100-PIN-SPCG 24-CONT	01380	746878-5
L1	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	
L2	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	
L3	9140-0737	7	1	INDUCTOR 10UH .7D-INX.6LG-IN	01869	
L4	9140-0736	6	1	INDUCTOR 200UH .3W-INX.4LG-IN	05524	ITP-1031-32
L5	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +-5%	05826	1537-76
MP2	0380-1251	1	3	SPACER-RVT-ON 16-MM-LG 3.8-MM-ID	02121	
MP3	1200-0172	4	29	INSULATOR-XSTR DAP-GL	02210	10042-DAP
MP4	1400-0866	7	2	CLAMP-CABLE .187-DIA .25-WD NYL	07158	C61332AA
MP5	5021-6723	7	1		28480	5021-6723
MP6	5021-6724	8	1		28480	5021-6724
NONE0017	7121-4611	2	1	LABEL-INFORMATION .15-IN-WD .6-IN-LG	09002	
NONE0018	8150-5022	3	1	WIRE 26AWG G KYNAR (PVF) 1X26	03500	KYNAR 26-1/26-5
NONE0019	9320-6209	2	1	LBL-LNE-PTR; .65-IN-WD X .2-IN-LG	12532	
NONE0020	08562-20052	5	1		28480	08562-20052
Q101	1855-0414	4	1	TRANSISTOR J-FET 2N4393 N-CHAN D-MODE	02883	2N4393
Q201	1855-0414	4	1	TRANSISTOR J-FET 2N4393 N-CHAN D-MODE	02883	2N4393
Q202	1855-0386	9	1	TRANSISTOR J-FET 2N4392 N-CHAN D-MODE	02037	2N4392
Q203	1853-0451	5	1	TRANSISTOR PNP 2N3799 SI TO-18 PD=360MW	02037	
Q204	1855-0414	4	1	TRANSISTOR J-FET 2N4393 N-CHAN D-MODE	02883	2N4393
Q205	1855-0386	9	1	TRANSISTOR J-FET 2N4392 N-CHAN D-MODE	02037	2N4392
Q206	1855-0507	6	1	TRANSISTOR-JFET DUAL 2N5912 N-CHAN	03285	2N5912
Q207	1855-0420	2	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	02883	2N4391
Q208	1853-0405	9	1	TRANSISTOR PNP SI PD=360MW FT=850MHZ	02037	2N4209
Q209	1854-1143	6	1	TRANSISTOR NPN SI PD=2.5W FT=5GHZ	02037	MRF580A
Q210	1853-0405	9	1	TRANSISTOR PNP SI PD=360MW FT=850MHZ	02037	2N4209

*Indicates factory-selected value

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
Q211	1854-1142	5	1	TRANSISTOR NPN SI TO-92 PD=625MW FT=6GHZ	02037	MPS571
Q212	1854-1142	5	1	TRANSISTOR NPN SI TO-92 PD=625MW FT=6GHZ	02037	MPS571
Q213	1854-0215	1	1	TRANSISTOR NPN SI TO-92 PD=625MW	02037	2N3904
Q215	1853-0018	0	1	TRANSISTOR PNP SI TO-72 PD=200MW FT=1GHZ	02037	
Q216	1853-0451	5	1	TRANSISTOR PNP 2N3799 SI TO-18 PD=360MW	02037	
Q217	1855-0420	2	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	02883	2N4391
Q218	1855-0420	2	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	02883	2N4391
Q220	1855-0420	2	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	02883	2N4391
Q221	1855-0420	2	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	02883	2N4391
Q222	1855-0305	2	1	TRANSISTOR J-FET 2N4117A N-CHAN D-MODE	02883	2N4117A
Q301	1855-0414	4	1	TRANSISTOR J-FET 2N4393 N-CHAN D-MODE	02883	2N4393
Q302	1855-0386	9	1	TRANSISTOR J-FET 2N4392 N-CHAN D-MODE	02037	2N4392
Q303	1853-0451	5	1	TRANSISTOR PNP 2N3799 SI TO-18 PD=360MW	02037	
Q304	1855-0414	4	1	TRANSISTOR J-FET 2N4393 N-CHAN D-MODE	02883	2N4393
Q305	1855-0386	9	1	TRANSISTOR J-FET 2N4392 N-CHAN D-MODE	02037	2N4392
Q306	1855-0507	6	1	TRANSISTOR J-FET DUAL 2N5912 N-CHAN	03285	2N5912
Q307	1855-0420	2	1	TRANSISTOR J-FET 2N4391 N-CHAN D-MODE	02883	2N4391
Q308	1854-1143	6	1	TRANSISTOR NPN SI PD=2.5W FT=5GHZ	02037	MRF580A
Q309	1853-0405	9	1	TRANSISTOR PNP SI PD=360MW FT=850MHZ	02037	2N4209
Q310	1853-0405	9	1	TRANSISTOR PNP SI PD=360MW FT=850MHZ	02037	2N4209
Q311	1854-1142	5	1	TRANSISTOR NPN SI TO-92 PD=625MW FT=6GHZ	02037	MPS571
Q312	1854-1142	5	1	TRANSISTOR NPN SI TO-92 PD=625MW FT=6GHZ	02037	MPS571
Q313	1853-0451	5	1	TRANSISTOR PNP 2N3799 SI TO-18 PD=360MW	02037	
Q315	1853-0018	0	1	TRANSISTOR PNP SI TO-72 PD=200MW FT=1GHZ	02037	
Q316	1853-0451	5	1	TRANSISTOR PNP 2N3799 SI TO-18 PD=360MW	02037	
Q317	1855-0507	6	1	TRANSISTOR J-FET DUAL 2N5912 N-CHAN	03285	2N5912
Q318	1854-0215	1	1	TRANSISTOR NPN SI TO-92 PD=625MW	02037	2N3904
Q319	1854-0215	1	1	TRANSISTOR NPN SI TO-92 PD=625MW	02037	2N3904
Q321	1854-0215	1	1	TRANSISTOR NPN SI TO-92 PD=625MW	02037	2N3904
Q600	1854-0234	4	1	TRANSISTOR NPN 2N3440 SI TO-5 PD=1W	02037	
Q601	1854-0215	1	1	TRANSISTOR NPN SI TO-92 PD=625MW	02037	2N3904
R100	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R101	0698-6317	3	1	RESISTOR 500 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R102	0757-0290	5	1	RESISTOR 6.19K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R103	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R104	0757-0274	5	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R105	0698-3153	9	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R106	0698-7210	7	1	RESISTOR 82.5 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R107	0698-7264	1	1	RESISTOR 14.7K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R108	0698-7211	8	1	RESISTOR 90.9 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R109	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R110	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R111	0698-6364	0	1	RESISTOR 50 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R112	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R113	0757-1094	9	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R114	0698-6355	9	1	RESISTOR 400 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R115	0698-6320	8	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R116	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R117	0698-6619	8	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R118	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R119	0698-6348	0	1	RESISTOR 3K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R120	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R121	0698-3153	9	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R122	0698-7214	1	1	RESISTOR 121 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R123	0698-7255	0	1	RESISTOR 6.19K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R124	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R125	0757-0274	5	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R126	0698-3156	2	1	RESISTOR 14.7K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R127	0699-0078	3	1	RESISTOR 2.1K +-0.1% .1W TF TC=0+-10	05524	PTF-56-7
R128	0698-6317	3	1	RESISTOR 500 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R129	0757-0424	7	1	RESISTOR 1.1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R130	0698-3159	5	1	RESISTOR 26.1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R131	0698-0085	0	1	RESISTOR 2.61K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R132	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R133	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R134	0698-7288	9	1	RESISTOR 147K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R135	0698-7253	8	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R136	0698-7229	8	1	RESISTOR 511 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R137	0698-7253	8	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R138	0698-7253	8	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R139	0698-7253	8	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R140	0698-7253	8	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R141	0757-0274	5	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R143	0698-3157	3	1	RESISTOR 19.6K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R144	0698-7203	8	1	RESISTOR 42.2 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R145	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R146	0698-6364	0	1	RESISTOR 50 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R147	0698-6317	3	1	RESISTOR 500 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R148	0698-6320	8	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R149	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R150	0698-6364	0	1	RESISTOR 50 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R151	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R152	0757-1094	9	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R153	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R154	0757-0279	0	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R155	0757-0417	8	1	RESISTOR 562 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R156	0757-0279	0	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R157	0757-0279	0	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R158	0698-3136	8	1	RESISTOR 17.8K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R159	0698-3136	8	1	RESISTOR 17.8K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R160	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R161	0698-3136	8	1	RESISTOR 17.8K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R162	0698-3136	8	1	RESISTOR 17.8K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R163	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R164	0698-3136	8	1	RESISTOR 17.8K +-1% .125W TF TC=0+-100	05524	CMF-55-1

*Indicates factory-selected value

HP Part Number 08562-60144

Interface

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R165	0698-3136	8	1	RESISTOR 17.8K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R166	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R167	0698-8167	5	1	RESISTOR 18K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R168	0698-8167	5	1	RESISTOR 18K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R169	0698-6362	8	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R170	0699-1866	9	1	RESISTOR 2.7K +-0.1% .1W TF TC=0+-10	05524	PTF-56-7
R171	0698-6346	8	1	RESISTOR 300 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R172	0698-6322	0	1	RESISTOR 4K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R173	0698-6362	8	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R174	0698-6320	8	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R175	0698-6323	1	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R176	0698-6362	8	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R177	0698-6624	5	1	RESISTOR 2K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R178	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R179	0698-8756	8	1	RESISTOR 166.7 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1
R180	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R181	0698-6362	8	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R182	0698-6347	9	1	RESISTOR 1.5K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R183	0698-8756	8	1	RESISTOR 166.7 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1
R184	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R185	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R186	0698-6348	0	1	RESISTOR 3K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R187	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R188	0757-0458	7	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R189	0757-0420	3	1	RESISTOR 750 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R190	0698-6353	7	1	RESISTOR 50K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R191	0698-6353	7	1	RESISTOR 50K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R192	0698-6533	5	1	RESISTOR 12.5K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R194	0757-0274	5	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R195	0699-1759	9	1	RESISTOR 1M +-1% .05W TF TC=0+-150	06337	5033Y
R196	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R197	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R198	0757-0274	5	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R199	0698-3132	4	1	RESISTOR 261 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R201	0698-7248	1	1	RESISTOR 3.16K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R202	0698-7848	7	1	RESISTOR 1.25K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R203	0698-7229	8	1	RESISTOR 511 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R204	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R205	0698-7229	8	1	RESISTOR 511 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R206	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R207	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R208	0698-3150	6	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R209	0698-3151	7	1	RESISTOR 2.87K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R210	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R212	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R213	0698-3132	4	1	RESISTOR 261 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R214	0757-0394	0	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	05524	CMF-55-1

HP Part Number 08562-60144 **Interface**

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R215	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R216	0698-3440	7	1	RESISTOR 196 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R217	0698-7188	8	1	RESISTOR 10 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R218	0698-7188	8	1	RESISTOR 10 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R219	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R220	0698-7188	8	1	RESISTOR 10 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R222	0698-7848	7	1	RESISTOR 1.25K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R223	0698-7219	6	1	RESISTOR 196 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R224	0698-3241	6	1	RESISTOR 250 +-0.25% .125W TF TC=0+-50	05524	CMF-55-1, T-2
R225	0698-6317	3	1	RESISTOR 500 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R226	0757-0279	0	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R227	0698-3440	7	1	RESISTOR 196 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R228	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R229	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R230	0698-7226	5	1	RESISTOR 383 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R232	0698-7243	6	1	RESISTOR 1.96K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R233	0698-3447	4	1	RESISTOR 422 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R234	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R236	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R237	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R238	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R240	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R241	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R242	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R243	0757-0416	7	1	RESISTOR 511 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R244	0698-3132	4	1	RESISTOR 261 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R245	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R246	0757-0416	7	1	RESISTOR 511 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R247	0699-2121	1	1	RESISTOR 5.62 +-1% .125W TF TC=0+-100	12482	SMA3 5.62R1%
R248	0698-6317	3	1	RESISTOR 500 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R249	0698-0083	8	1	RESISTOR 1.96K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R250	0698-3452	1	1	RESISTOR 147K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R253	0698-3440	7	1	RESISTOR 196 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R254	0698-3459	8	1	RESISTOR 383K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R257	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R258	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R259	0698-3440	7	1	RESISTOR 196 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R260	0698-6317	3	1	RESISTOR 500 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R262	0698-7219	6	1	RESISTOR 196 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R263	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R265	0757-0418	9	1	RESISTOR 619 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R266	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R267	0698-6320	8	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R268	0698-0083	8	1	RESISTOR 1.96K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R269	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R270	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R271	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R272	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9

*Indicates factory-selected value

HP Part Number 08562-60144

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R273	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R274	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R275	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R276	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R277	0698-0083	8	1	RESISTOR 1.96K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R278	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R279	0698-7253	8	1	RESISTOR 5.11K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R280	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R281	0698-6320	8	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R282	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R283	0698-0083	8	1	RESISTOR 1.96K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R284	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R285	0757-0278	9	1	RESISTOR 1.78K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R286	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R301	0698-7248	1	1	RESISTOR 3.16K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R302	0698-7848	7	1	RESISTOR 1.25K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R303	0698-7229	8	1	RESISTOR 511 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R304	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R305	0698-7229	8	1	RESISTOR 511 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R306	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R307	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R308	0698-3154	0	1	RESISTOR 4.22K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R309	0698-3151	7	1	RESISTOR 2.87K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R310	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R312	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R313	0698-3132	4	1	RESISTOR 261 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R314	0757-0394	0	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R315	0698-7215	2	1	RESISTOR 133 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R316	0698-7219	6	1	RESISTOR 196 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R317	0698-7188	8	1	RESISTOR 10 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R318	0698-7188	8	1	RESISTOR 10 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R319	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R320	0698-7188	8	1	RESISTOR 10 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R322	0698-7848	7	1	RESISTOR 1.25K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R323	0698-7219	6	1	RESISTOR 196 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R324	0698-3241	6	1	RESISTOR 250 +-0.25% .125W TF TC=0+-50	05524	CMF-55-1, T-2
R325	0698-6317	3	1	RESISTOR 500 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R326	0757-0279	0	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R327	0698-3440	7	1	RESISTOR 196 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R328	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R329	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R330	0698-7226	5	1	RESISTOR 383 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R332	0698-7243	6	1	RESISTOR 1.96K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R333	0757-1094	9	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R334	0757-0276	7	1	RESISTOR 61.9 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R336	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R337	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2

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Interface

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R338	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R340	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R341	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R342	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R343	0757-0416	7	1	RESISTOR 511 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R344	0698-3132	4	1	RESISTOR 261 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R345	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R346	0757-0416	7	1	RESISTOR 511 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R347	0699-2121	1	1	RESISTOR 5.62 +-1% .125W TF TC=0+-100	12482	SMA3 5.62R1%
R348	0698-6317	3	1	RESISTOR 500 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R349	0698-0083	8	1	RESISTOR 1.96K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R350	0698-3452	1	1	RESISTOR 147K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R353	0698-3440	7	1	RESISTOR 196 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R354	0698-3459	8	1	RESISTOR 383K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R357	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R358	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R359	0698-3440	7	1	RESISTOR 196 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R360	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R361	0698-7219	6	1	RESISTOR 196 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R362	0757-0274	5	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R363	0757-0416	7	1	RESISTOR 511 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R364	0698-0083	8	1	RESISTOR 1.96K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R365	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R366	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R368	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R400	0698-3438	3	1	RESISTOR 147 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R401	0698-3438	3	1	RESISTOR 147 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R402	0698-3151	7	1	RESISTOR 2.87K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R403	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R404	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R405	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R406	0698-3156	2	1	RESISTOR 14.7K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R407	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R408	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R409	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R412	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R413	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R414	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R415	0698-0082	7	1	RESISTOR 464 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R416	0698-3151	7	1	RESISTOR 2.87K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R417	0698-3151	7	1	RESISTOR 2.87K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R418	0698-3455	4	1	RESISTOR 261K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R500	0757-0199	3	1	RESISTOR 21.5K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R501	0698-3155	1	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R502	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R503	0698-3438	3	1	RESISTOR 147 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R504	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R505	0698-6320	8	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9

*Indicates factory-selected value

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HP Part Number 08562-60144

Interface

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R506	0698-3438	3	1	RESISTOR 147 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R507	0698-6320	8	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R508	0698-3438	3	1	RESISTOR 147 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R509	0698-3155	1	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R600	0698-3160	8	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R601	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R602	0757-0470	3	1	RESISTOR 162K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R603	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R604	0757-0461	2	1	RESISTOR 68.1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R605	0757-0439	4	1	RESISTOR 6.81K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R606	0757-0467	8	1	RESISTOR 121K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R607	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R608	0757-0417	8	1	RESISTOR 562 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R609	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R610	0698-3155	1	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R611	0698-3439	4	1	RESISTOR 178 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R612	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R613	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R614	0698-3155	1	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R615	0698-3445	2	1	RESISTOR 348 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R616	0698-3153	9	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	05524	CMF-55-1
TP3	0360-2050	8	1	CONNECTOR-SGL CONT	04055	
TP4	0360-2050	8	1	CONNECTOR-SGL CONT	04055	
TP5	0360-2050	8	1	CONNECTOR-SGL CONT	04055	
U101	1858-0032	8	1	TRANSISTOR ARRAY 14-PIN PLSTC DIP	03406	LM3146
U102	1820-2056	1	1	IC FF TTL/LS D-TYPE POS-EDGE-TRIG COM	01698	SN74LS378N
U103	1858-0032	8	1	TRANSISTOR ARRAY 14-PIN PLSTC DIP	03406	LM3146
U104	1820-2244	9	1	IC FF TTL/LS D-TYPE POS-EDGE-TRIG COM	01698	SN74LS379N
U105	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U106	1810-0371	8	1	NETWORK-RES 8-SIP 100.0K OHM X 7	02483	750-81
U107	1826-0161	7	1	IC OP AMP GP QUAD 14 PIN DIP-P	03406	LM324N
U108	1826-0609	8	1	ANALOG MULTIPLEXER 8 CHNL 16 -CERDIP	02180	MUX-08FQ
U109	1826-0557	5	1	IC OP AMP GP QUAD 14 PIN DIP-C	03406	LM348J
U110	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U111	1826-0990	0	1	IC OP AMP GP DUAL 8 PIN DIP-C	02037	MC1458U
U112	1820-1934	2	1	D/A 8-BIT 16-CERDIP BPLR	02180	DAC-08EQ
U113	1820-1934	2	1	D/A 8-BIT 16-CERDIP BPLR	02180	DAC-08EQ
U114	1826-0988	6	1	SAMPLE AND HOLD 14 -CERDIP	02180	SMP-11GY
U201	1826-0890	9	1	IC OP AMP GP DUAL 8 PIN DIP-P	03406	LM358AN
U202	1810-1011	5	1	NETWORK-RES 5-SIP 3.3K OHM X 4	05524	CSC05A01-332G
U203	1826-0161	7	1	IC OP AMP GP QUAD 14 PIN DIP-P	03406	LM324N
U204	1858-0040	8	1	TRANSISTOR ARRAY 16-PIN PLSTC DIP	03799	CA3127E
U205	1826-1197	1	1	IC OP AMP PRCN 8 PIN DIP-C	02180	OP-15EZ
U206	1826-0990	0	1	IC OP AMP GP DUAL 8 PIN DIP-C	02037	MC1458U
U207	1826-1493	0	1	IC V RGLTR-V-REF-FXD 9.97/10.03V 8-DIP-C	02180	REF-01EZ
U208	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U209	1858-0077	1	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	02037	MPQ2222P

HP Part Number 08562-60144

Interface

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
U301	1826-0890	9	1	IC OP AMP GP DUAL 8 PIN DIP-P	03406	LM358AN
U302	1810-1011	5	1	NETWORK-RES 5-SIP 3.3K OHM X 4	05524	CSC05A01-332G
U303	1826-0161	7	1	IC OP AMP GP QUAD 14 PIN DIP-P	03406	LM324N
U304	1858-0040	8	1	TRANSISTOR ARRAY 16-PIN PLSTC DIP	03799	CA3127E
U305	1826-1197	1	1	IC OP AMP PRNC 8 PIN DIP-C	02180	OP-15EZ
U306	1826-1616	9	1	IC COMPARATOR LP DUAL 8 PIN DIP-C	01698	LM393AJG
U307	1858-0032	8	1	TRANSISTOR ARRAY 14-PIN PLSTC DIP	03406	LM3146
U400	1820-1112	8	1	IC FF TTL/LS D-TYPE POS-EDGE-TRIG	01698	SN74LS74AN
U401	1820-2024	3	1	IC DRVR TTL/LS BUS OCTL	01698	SN74LS244N
U402	1810-0279	5	1	NETWORK-RES 10-SIP 4.7K OHM X 9	05524	MSP10A01-472G
U403	1810-0279	5	1	NETWORK-RES 10-SIP 4.7K OHM X 9	05524	MSP10A01-472G
U404	1810-0279	5	1	NETWORK-RES 10-SIP 4.7K OHM X 9	05524	MSP10A01-472G
U405	1820-2102	8	1	IC LCH TTL/LS TRANSPARENT OCTL	01698	SN74LS373N
U406	1820-2102	8	1	IC LCH TTL/LS TRANSPARENT OCTL	01698	SN74LS373N
U407	1820-1281	2	1	IC DCDR TTL/LS BIN 2-TO-4-LINE DUAL	01698	SN74LS139AN
U408	1820-1202	7	1	IC GATE TTL/LS NAND TPL 3-INP	01698	SN74LS10N
U409	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U410	1820-1216	3	1	IC DCDR TTL/LS BIN 3-TO-8-LINE 3-INP	01698	SN74LS138N
U411	1820-1445	0	1	IC LCH TTL/LS TRANSPARENT 4-BIT	01698	SN74LS375N
U412	1820-1112	8	1	IC FF TTL/LS D-TYPE POS-EDGE-TRIG	01698	SN74LS74AN
U413	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U414	1820-1212	9	1	IC FF TTL/LS J-K NEG-EDGE-TRIG	01698	SN74LS112AN
U415	1820-1208	3	1	IC GATE TTL/LS OR QUAD 2-INP	01698	SN74LS32N
U416	1820-1197	9	1	IC GATE TTL/LS NAND QUAD 2-INP	01698	SN74LS00N
U417	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U418	1826-0961	5	1	IC OP AMP LOW-BIAS-H-IMP 8 PIN DIP-P	03406	LF411CN
U419	1826-0161	7	1	IC OP AMP GP QUAD 14 PIN DIP-P	03406	LM324N
U420	1820-1447	2	1	IC RGTR TTL/LS FILES	01698	SN74LS670N
U421	1820-1447	2	1	IC RGTR TTL/LS FILES	01698	SN74LS670N
U422	1820-1437	0	1	IC MV TTL/LS MONOSTBL CLEAR DUAL	01698	SN74LS221N
U423	1820-1423	4	1	IC MV TTL/LS MONOSTBL RETRIG DUAL	01698	SN74LS123N
U424	1826-0961	5	1	IC OP AMP LOW-BIAS-H-IMP 8 PIN DIP-P	03406	LF411CN
U500	1820-1216	3	1	IC DCDR TTL/LS BIN 3-TO-8-LINE 3-INP	01698	SN74LS138N
U501	1810-0279	5	1	NETWORK-RES 10-SIP 4.7K OHM X 9	05524	MSP10A01-472G
U502	1820-2641	0	1	IC FF TTL/LS D-TYPE POS-EDGE-TRIG COM	01698	SN74LS374N
U503	08562-80030	5	1		28480	08562-80030
U504	1820-1298	1	1	IC MUXR/DATA-SEL TTL/LS 8-TO-1-LINE	01698	SN74LS251N
U505	1820-1144	6	1	IC GATE TTL/LS NOR QUAD 2-INP	01698	SN74LS02N
U506	1820-2641	0	1	IC FF TTL/LS D-TYPE POS-EDGE-TRIG COM	01698	SN74LS374N
U507	1820-1438	1	1	IC MUXR/DATA-SEL TTL/LS 2-TO-1-LINE QUAD	01698	SN74LS257BN
U508	1820-1858	9	1	IC FF TTL/LS D-TYPE POS-EDGE-TRIG COM	01698	SN74LS377N
U509	1820-1238	9	1	IC MUXR/DATA-SEL TTL/LS 4-TO-1-LINE DUAL	01698	SN74LS253N
U510	1820-2641	0	1	IC FF TTL/LS D-TYPE POS-EDGE-TRIG COM	01698	SN74LS374N
U511	1820-1112	8	1	IC FF TTL/LS D-TYPE POS-EDGE-TRIG	01698	SN74LS74AN
U512	1826-1384	8	1	IC COMPARATOR HS 8 PIN DIP-C	02180	CMP-01CZ
U513	1820-1720	4	1	IC RGTR TTL 12-BIT	03794	AM2504PC
U514	1820-2024	3	1	IC DRVR TTL/LS BUS OCTL	01698	SN74LS244N
U515	1820-1112	8	1	IC FF TTL/LS D-TYPE POS-EDGE-TRIG	01698	SN74LS74AN

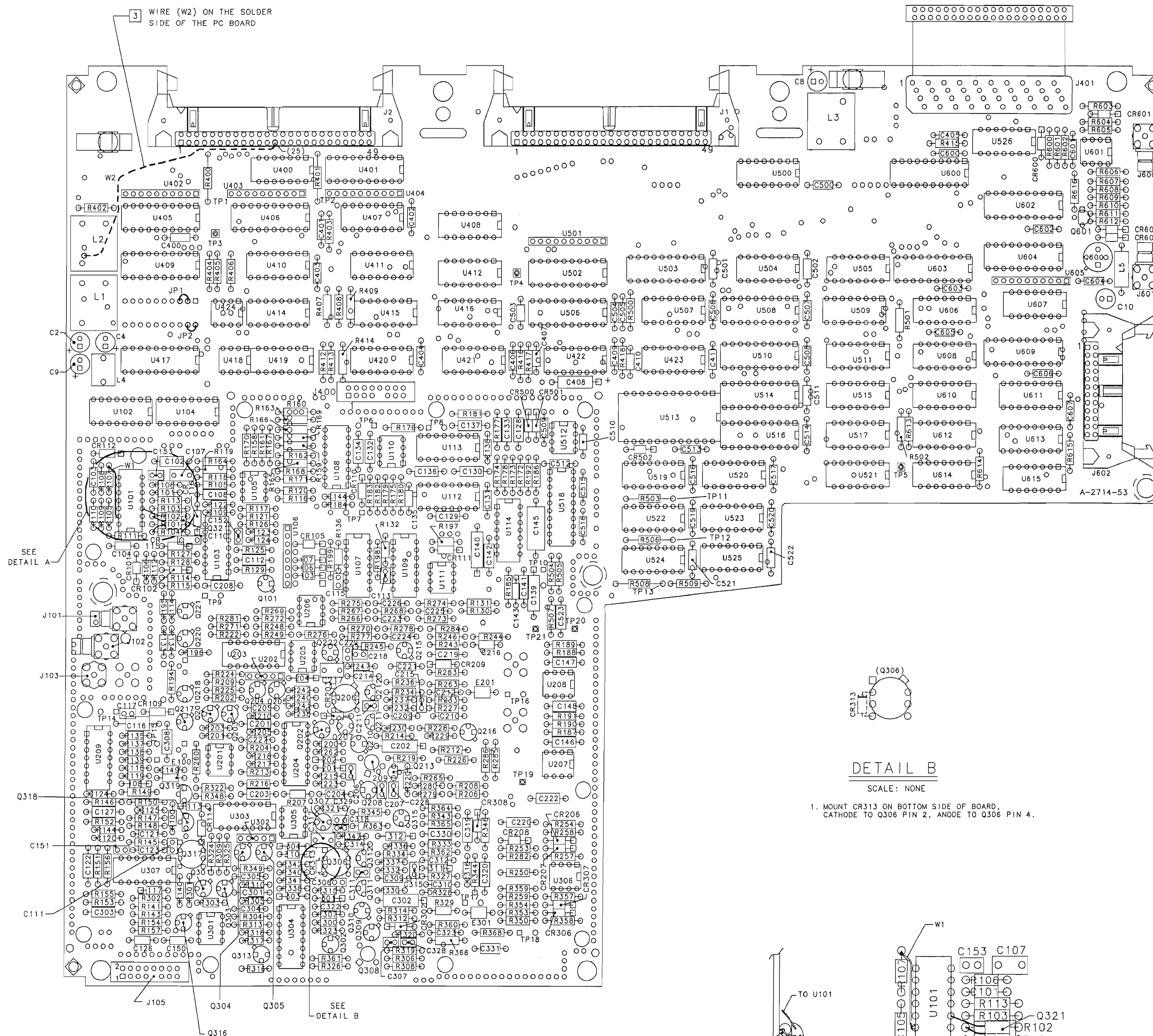
*Indicates factory-selected value

HP Part Number 08562-60144

Interface

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
U516	1820-2024	3	1	IC DRVR TTL/LS BUS OCTL	01698	SN74LS244N
U517	1820-1208	3	1	IC GATE TTL/LS OR QUAD 2-INP	01698	SN74LS32N
U518	1826-0705	5	1	D/A 12-BIT 20-CERDIP BPLR	02910	AM6012F
U519	1820-1438	1	1	IC MUXR/DATA-SEL TTL/LS 2-TO-1-LINE QUAD	01698	SN74LS257BN
U520	1820-1194	6	1	IC CNTR TTL/LS BIN UP/DOWN SYNCHRO	01698	SN74LS193N
U521	1820-1199	1	1	IC INV TTL/LS HEX 1-INP	01698	SN74LS04N
U522	1820-1438	1	1	IC MUXR/DATA-SEL TTL/LS 2-TO-1-LINE QUAD	01698	SN74LS257BN
U523	1820-1194	6	1	IC CNTR TTL/LS BIN UP/DOWN SYNCHRO	01698	SN74LS193N
U524	1820-1438	1	1	IC MUXR/DATA-SEL TTL/LS 2-TO-1-LINE QUAD	01698	SN74LS257BN
U525	1820-1194	6	1	IC CNTR TTL/LS BIN UP/DOWN SYNCHRO	01698	SN74LS193N
U526	1820-1112	8	1	IC FF TTL/LS D-TYPE POS-EDGE-TRIG	01698	SN74LS74AN
U600	1820-2075	4	1	IC TRANSCEIVER TTL/LS BUS OCTL	01698	SN74LS245N
U601	1826-0412	1	1	IC COMPARATOR PRCN DUAL 8 PIN DIP-P	03406	LM393N
U602	1820-1858	9	1	IC FF TTL/LS D-TYPE POS-EDGE-TRIG COM	01698	SN74LS377N
U603	1820-2024	3	1	IC DRVR TTL/LS BUS OCTL	01698	SN74LS244N
U604	1820-3456	7	1	IC DRVR CMOS/HCT BUS OCTL	03406	MM74HCT244N
U605	1810-0279	5	1	NETWORK-RES 10-SIP 4.7K OHM X 9	05524	MSP10A01-472G
U606	1820-2096	9	1	IC CNTR TTL/LS BIN ASYNCHRO	01698	SN74LS393N
U607	1820-1207	2	1	IC GATE TTL/LS NAND 8-INP	01698	SN74LS30N
U608	1820-1112	8	1	IC FF TTL/LS D-TYPE POS-EDGE-TRIG	01698	SN74LS74AN
U609	1820-2024	3	1	IC DRVR TTL/LS BUS OCTL	01698	SN74LS244N
U610	1820-1201	6	1	IC GATE TTL/LS AND QUAD 2-INP	01698	SN74LS08N
U611	1820-1729	3	1	IC LCH TTL/LS ADDRESSABLE 8-BIT	02037	SN74LS259N
U612	1820-1112	8	1	IC FF TTL/LS D-TYPE POS-EDGE-TRIG	01698	SN74LS74AN
U613	1820-1244	7	1	IC MUXR/DATA-SEL TTL/LS 4-TO-1-LINE DUAL	01698	SN74LS153N
U614	1820-1197	9	1	IC GATE TTL/LS NAND QUAD 2-INP	01698	SN74LS00N
U615	1820-3537	5	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG	02910	74HCT74N

SYN		REVISIONS	E-08562-60144-2
SYN	AS	ISSUED PER PCO 53-07330	APPROVED DATE
A			02-05-92



NOTES: UNLESS OTHERWISE SPECIFIED


- ALL 2 LEAD COMPONENTS WITH 3 DIGIT REFERENCE DESIGNATORS AND SQUARE PAD POLARITY MARKING TO BE PREFIXED WITH "CR" EXAMPLE - 200 BECOMES CR200
- TEST POINTS ARE SHOWN FOR REFERENCE ONLY, DO NOT LOAD
- CONNECT A WIRE (W2) ON THE SOLDER-SIDE OF THE PC BOARD AS SHOWN. IT RUNS FROM J2-25 TO A FEEDTHROUGH UNDER L2. THIS FEEDTHROUGH CONNECTS J2-25 TO J401-25 AND TO R164

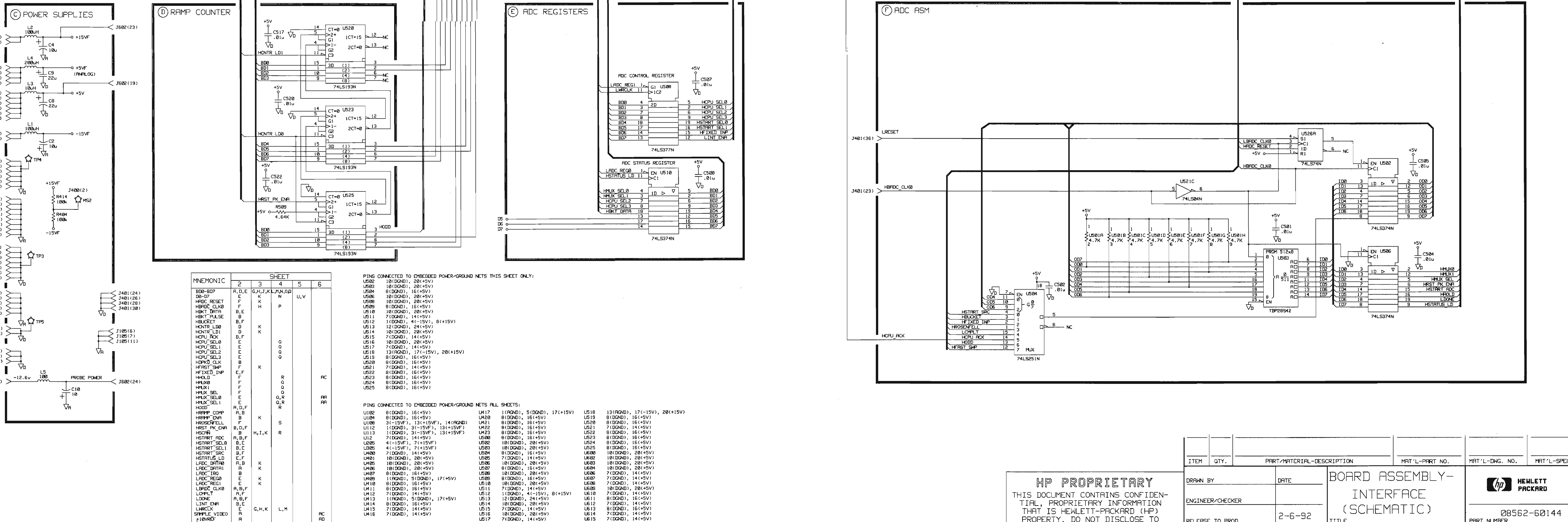
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.	DRAWN BY	DATE	BD ASSEMBLY-INTERFACE	HP HEWLETT PACKARD
TOLERANCES: XX.XXX (0.015)	ENGINEER/CHECKER			PART NAME: 08562-60144
RELEASED TO PROD.			TITLE: NONE	E-08562-60144-2
SEE CORP. STD. 808	SUPERSEDING DWG.		SCALE: 1 OF 1	

J401 CONTROLLER BUS			
PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
1	TR1	R212-4B	2 K
2	TR2	R212-4C	2 K
3	TR3	R212-38	3 K
4	TR4	R212-39	3 K
5	TR5	R212-36	3 K
6	TR6	R212-35	3 K
7	TR7	R212-34	3 K
8	TR8	R212-33	3 K
9	TR9	R212-32	3 K
10	TR10	R212-31	40
11	TR11	R212-30	40
12	TR12	R212-29	40
13	TR13	R212-28	40
14	TR14	R212-27	40
15	TR15	R212-26	40
16	TR16	R212-25	40
17	TR17	R212-24	40
18	TR18	R212-24	3 K
19	STR1	R212-23	3 K
20	STR2	R212-22	3 K
21	STR3	R212-21	3 K
22	HIB1 PULSE	R212-21	3 K
23	STR4	R212-20	3 K
24	TR1	R212-19	3 K
25	TR2	R212-18	3 K
26	TR3	R212-17	2 C
27	TR4	R212-16	2 C
28	TR5	R212-15	2 C
29	TR6	R212-14	2 C
30	TR7	R212-13	2 C
31	TR8	R212-12	2 C
32	TR9	R212-11	2 C
33	TR10	R212-10	2 C
34	TR11	R212-9	2 C
35	TR12	R212-8	2 C
36	TR13	R212-7	3 K
37	TR14	R212-6	3 K
38	TR15	R212-5	2H
39	TR16	R212-4	2F
40	TR17	R212-3	2F
41	TR18	R212-2	2F
42	TR19	R212-1	2F

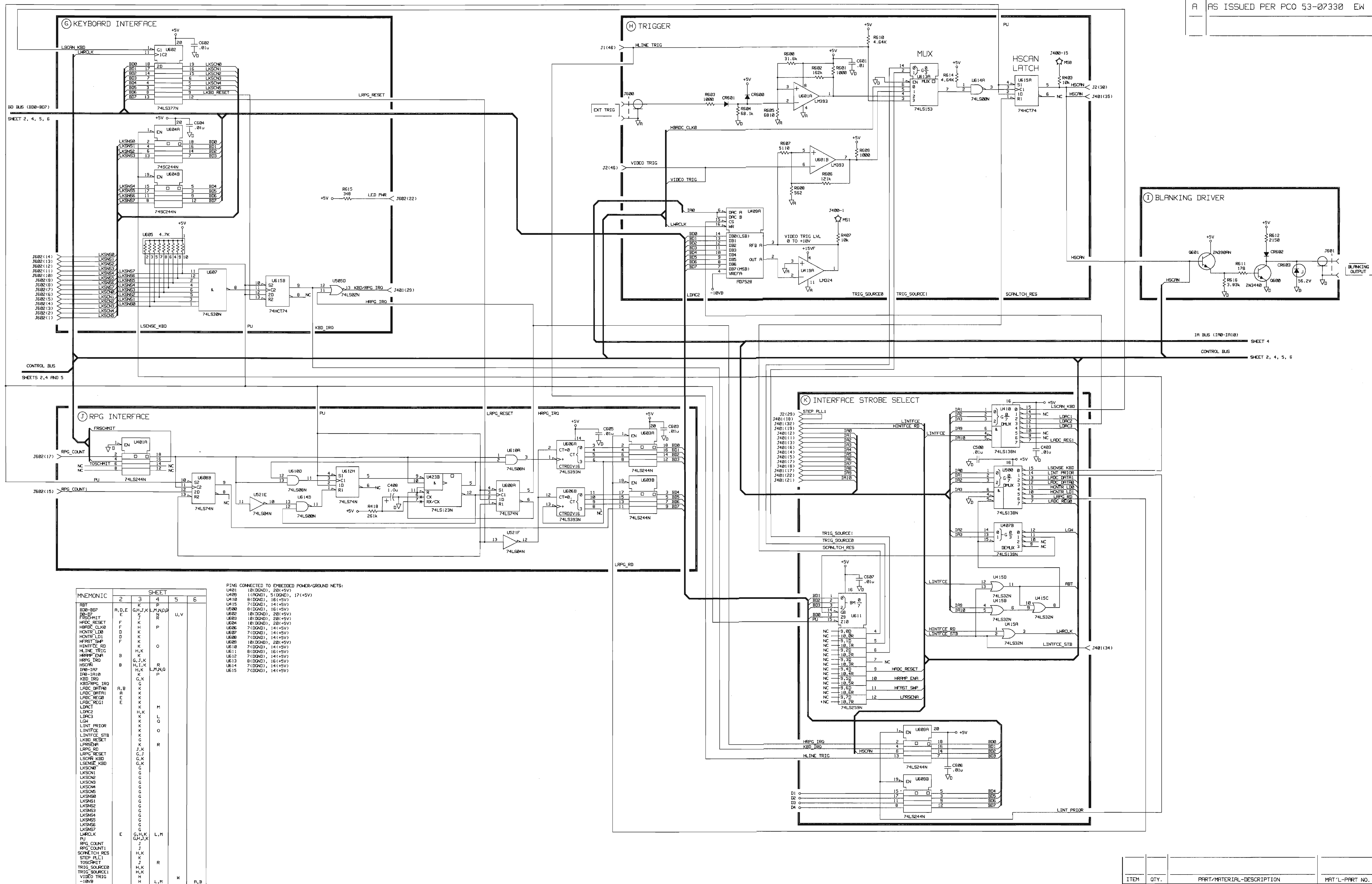
PINS CONNECTED TO EMBEDDED POWER/GROUND NETS:					
U182	8 (DQND), 16 (+5V)	U417	1 (PQND), 5 (DQND), 17 (+15V)	U518	13 (PQND), 17 (-15V), 28 (+15V)
U184	8 (DQND), 16 (+5V)	U420	8 (DQND), 16 (+5V)	U519	8 (DQND), 16 (+5V)
U185	30 (-15V), 14 (+5V), 14 (PQND)	U421	8 (DQND), 16 (+5V)	U520	8 (DQND), 16 (+5V)
U186	1 (DQND), 30 (-15V), 14 (PQND)	U422	8 (DQND), 16 (+5V)	U521	7 (DQND), 16 (+5V)
U187	1 (DQND), 13 (+15V)	U423	8 (DQND), 16 (+5V)	U522	8 (DQND), 16 (+5V)
U188	7 (DQND), 14 (+5V)	U500	8 (DQND), 16 (+5V)	U523	8 (DQND), 16 (+5V)
U189	25 (+5V), 7 (DQND)	U501	8 (DQND), 16 (+5V)	U524	8 (DQND), 16 (+5V)
U192	4 (-15V), 7 (+15V)	U503	8 (DQND), 28 (+5V)	U525	8 (DQND), 16 (+5V)
U400	7 (DQND), 14 (+5V)	U504	6 (DQND), 16 (+5V)	U506	18 (DQND), 28 (+5V)
U401	18 (DQND), 28 (+5V)	U505	7 (DQND), 14 (+5V)	U507	18 (DQND), 28 (+5V)
U402	18 (DQND), 28 (+5V)	U506	18 (DQND), 28 (+5V)	U508	18 (DQND), 28 (+5V)
U403	18 (DQND), 28 (+5V)	U507	8 (DQND), 16 (+5V)	U509	7 (DQND), 14 (+5V)
U404	8 (DQND), 16 (+5V)	U508	18 (DQND), 28 (+5V)	U510	8 (DQND), 16 (+5V)
U405	7 (DQND), 14 (+5V)	U509	8 (DQND), 16 (+5V)	U511	8 (DQND), 16 (+5V)
U406	8 (DQND), 16 (+5V)	U510	8 (DQND), 16 (+5V)	U512	8 (DQND), 16 (+5V)
U407	8 (DQND), 16 (+5V)	U511	7 (DQND), 14 (+5V)	U513	12 (DQND), 24 (+5V)
U408	8 (DQND), 16 (+5V)	U512	7 (DQND), 14 (+5V)	U514	18 (DQND), 28 (+5V)
U409	8 (DQND), 16 (+5V)	U513	12 (DQND), 24 (+5V)	U515	8 (DQND), 16 (+5V)
U410	8 (DQND), 16 (+5V)	U514	18 (DQND), 28 (+5V)	U516	7 (DQND), 14 (+5V)
U411	8 (DQND), 16 (+5V)	U515	7 (DQND), 14 (+5V)	U517	7 (DQND), 14 (+5V)
U412	8 (DQND), 16 (+5V)	U516	18 (DQND), 28 (+5V)	U518	7 (DQND), 14 (+5V)
U413	8 (DQND), 16 (+5V)	U517	7 (DQND), 14 (+5V)	U519	7 (DQND), 14 (+5V)
U414	8 (DQND), 16 (+5V)	U518	7 (DQND), 14 (+5V)	U520	7 (DQND), 14 (+5V)
U415	7 (DQND), 14 (+5V)	U519	7 (DQND), 14 (+5V)	U521	7 (DQND), 14 (+5V)
U416	7 (DQND), 14 (+5V)	U520	7 (DQND), 14 (+5V)	U522	7 (DQND), 14 (+5V)

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ITEM	QTY.	PART/MATERIAL-DESCRIPTION				MAT'L-PART NO.		MAT'L-ENG. NO.		MAT'L-SPEC	
DRAWN BY		DATE		BOARD ASSEMBLY-- INTERFACE (SCHEMATIC)				 HEWLETT PACKARD			
ENGINEER/CHECKER		2-6-92									
RELEASE TO PROD.											
SUPERSEDES DWG.				TITLE		PART NUMBER		08562-60144			
				SCALE NONE		FILE NAME: 6144B SHEET 2 OF 6		D-08562-60144-			



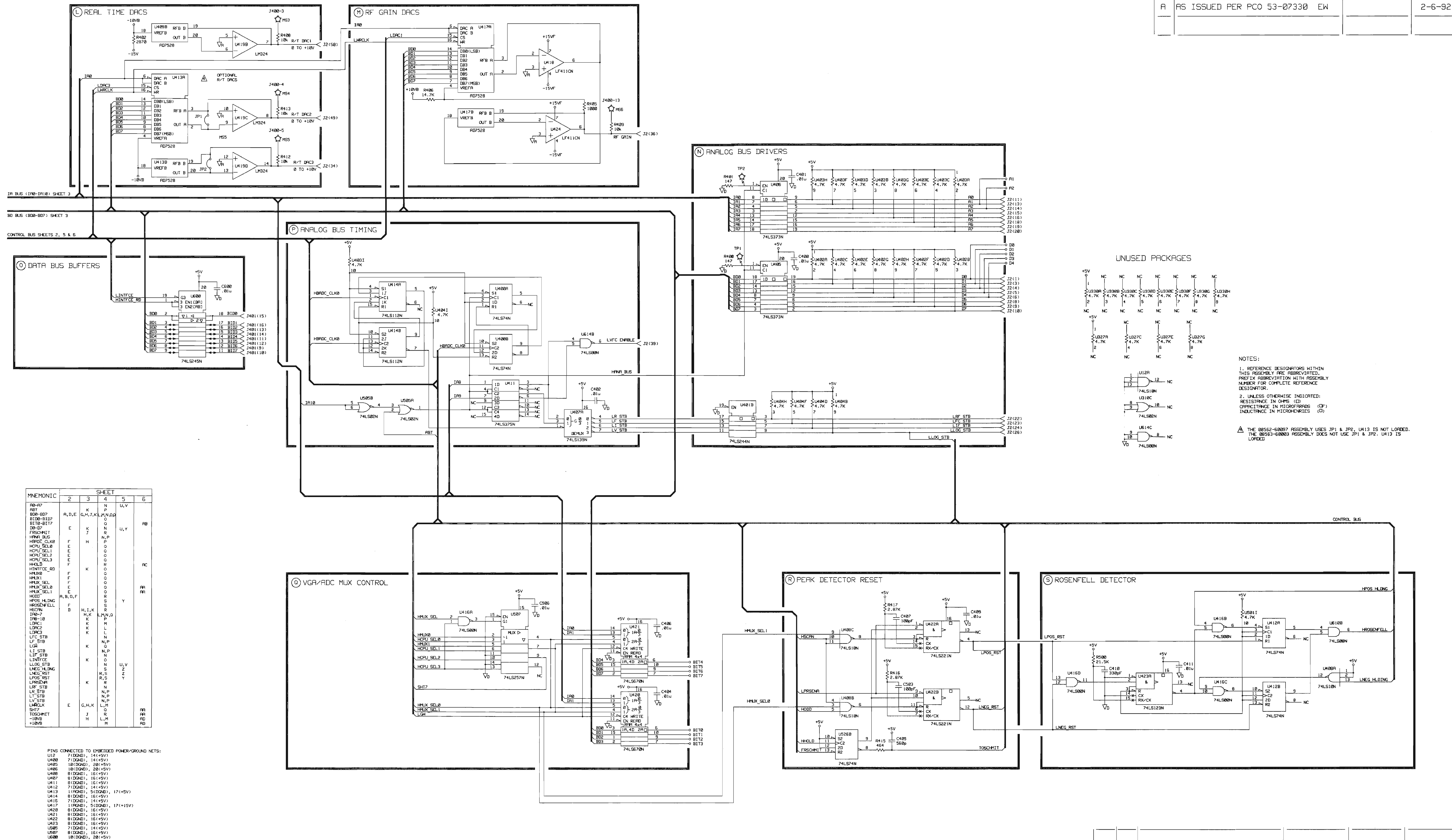
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ITEM	QTY.	PART/MATERIAL-DESCRIPTION				MAT'L-PART NO.		MAT'L-DWG. NO.	MAT'L-SPEC.
DRAWN BY		DATE		BOARD ASSEMBLY-- INTERFACE (SCHEMATIC)				 HEWLETT PACKARD 08562-60144	
ENGINEER/CHECKER		2-6-92							
RELEASE TO PROD.		TITLE							
SUPERSEDES DWG.				FILE NAME: A144A		SHEET 3 OF 6		D-08562-60144-1	

SYM	REVISIONS	APPROVED	DATE
A	AS ISSUED PER PCO 53-07330 EW		2-6-92



ITEM	QTY.	PART/MATERIAL-DESCRIPTION	MAT'L-PART NO.	MAT'L-ENG. NO.	MAT'L-SPEC.
1	1	BOARD ASSEMBLY- INTERFACE (SCHEMATIC)			
2	1	FILE NAME-S144D			
3	1	SCALE NONE SHEET 4 OF 6			

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DRAWN BY
ENGINEER/CHECKER
RELEASE TO PROD.
SUPERSEDES DWG.

DATE
2-6-92

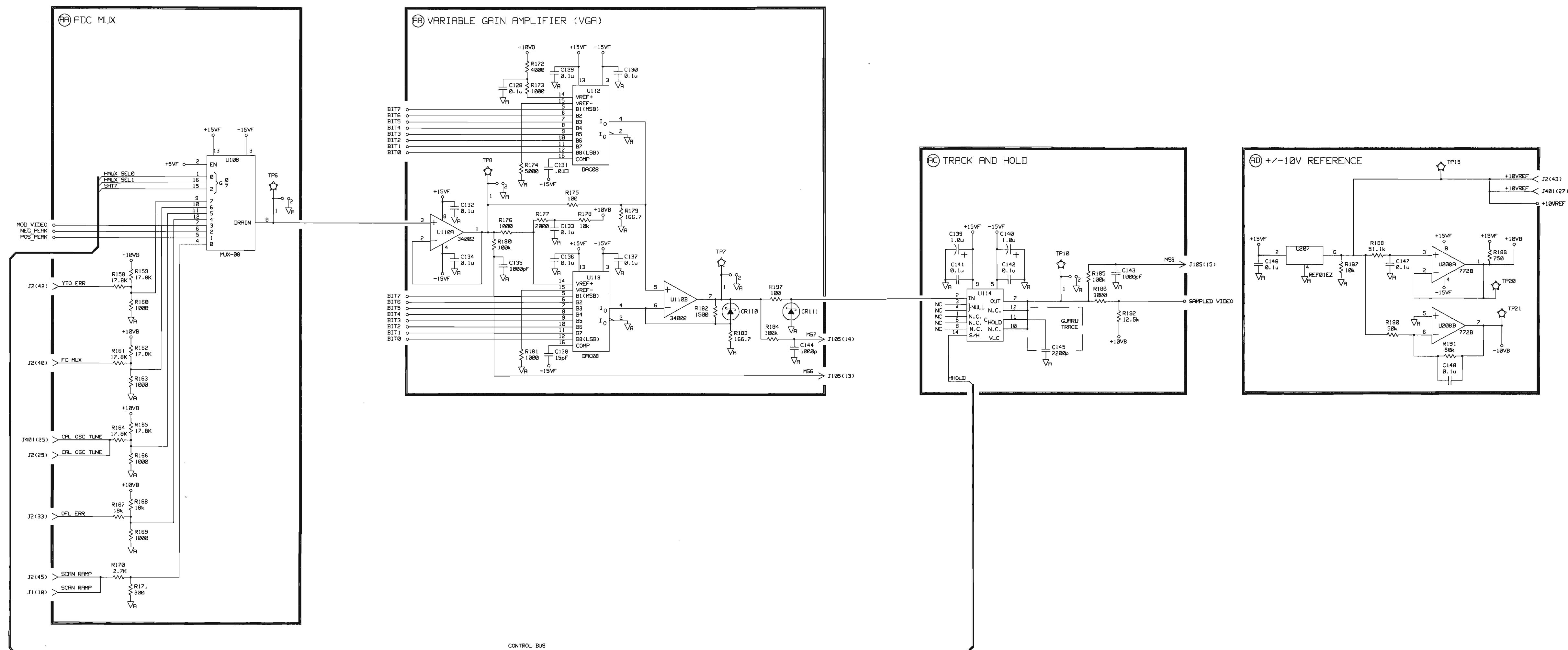
BOARD ASSEMBLY-
INTERFACE
(SCHEMATIC)
TITLE

FILE NAME-S144D
D-08562-60144-1

HEWLETT
PACKARD

08562-60144
PART NUMBER

SYM	REVISIONS		APPROVED	DATE
	A	AS ISSUED PER PCO 53-07330 EW		



SHEET 2,4, & 5

CONTROL BUS

PINS CONNECTED TO EMBEDDED POWER/GROUND NETS:
 U108 3(-15V), 13(+15V), 14(GND)
 U112 1(GND), 3(-15V), 13(+15V)
 U113 1(GND), 3(-15V), 13(+15V)

MNEMONIC	SHEET				
	2	3	4	5	6
MUX_SEL0	E		0		AA
MUX_SEL1	E		0		AA
SH17			0		AA
MOD_VIDEO				Y	AA
NEG_PEEK				Z	AA
POS_PEEK				Y	AA
BIT0-7					AB
HOLD	F				AC
SAMPLE_VIDEO	A				AC
REFREF					AD

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ITEM	QTY.	PART/MATERIAL-DESCRIPTION	MAT'L-PART NO.	MAT'L-DWG. NO.	MAT'L-SPEC.
DRAWN BY		DATE	BOARD ASSEMBLY- INTERFACE (SCHEMATIC)		
ENGINEER/CHECKER		2-6-92			
RELEASE TO PROD.			TITLE		
SUPERSEDES DWG.			FILENAME=5144FR		
		SCALE	NONE	SHEET	6 OF 6
		D-08562-60144-1			



08562-60144

PART NUMBER

Component-Level Information Packet for 08562-60166

CRT Driver



**HP Part No. 08562-90193
Printed in USA July 1992**

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**HP Part Number 08562-60166
CRT Driver**

Reference Designator	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
C1	0160-3670	6		1	CAP-FXD 0.1uF +20% 200 V CER Y5V	09939	RPE113X7R104M200V
C2	0160-4380	7		1	CAP-FXD 1pF +25% 200 V CER C0G	09939	RPE110-120C0G010C200V
C11	0160-0684	6		1	CAP-FXD 1000pF +20% 4 kV POLYE-MET	04200	430P102040
C12	0160-3670	6		1	CAP-FXD 0.1uF +20% 200 V CER Y5V	09939	RPE113X7R104M200V
C13	0160-4051	9		1	CAP-FXD 0.01uF +20% 4 kV POLYE-MET	04200	430P103040
C14	0160-4051	9		1	CAP-FXD 0.01uF +20% 4 kV POLYE-MET	04200	430P103040
C20	0160-4380	7		1	CAP-FXD 1pF +25% 200 V CER C0G	09939	RPE110-120C0G010C200V
C30	0160-0684	6		1	CAP-FXD 1000pF +20% 4 kV POLYE-MET	04200	430P102040
C31	0160-4051	9		1	CAP-FXD 0.01uF +20% 4 kV POLYE-MET	04200	430P103040
C50	0160-3670	6		1	CAP-FXD 0.1uF +20% 200 V CER Y5V	09939	RPE113X7R104M200V
C51	0160-5899	5		1	CAP-FXD 7.5pF +6.67% 200 V CER C0G	28480	0160-5899
C52	0160-5899	5		1	CAP-FXD 7.5pF +6.67% 200 V CER C0G	28480	0160-5899
C70	0160-3670	6		1	CAP-FXD 0.1uF +20% 200 V CER Y5V	09939	RPE113X7R104M200V
C71	0160-5899	5		1	CAP-FXD 7.5pF +6.67% 200 V CER C0G	28480	0160-5899
C72	0160-5899	5		1	CAP-FXD 7.5pF +6.67% 200 V CER C0G	28480	0160-5899
C90	0160-3670	6		1	CAP-FXD 0.1uF +20% 200 V CER Y5V	09939	RPE113X7R104M200V
C91	0160-3670	6		1	CAP-FXD 0.1uF +20% 200 V CER Y5V	09939	RPE113X7R104M200V
C92	0160-3670	6		1	CAP-FXD 0.1uF +20% 200 V CER Y5V	09939	RPE113X7R104M200V
C101	0180-3831	3		1	CAP-FXD 10uF +10% 35 V TA	04200	299D106X9035DB1
C102	0180-3831	3		1	CAP-FXD 10uF +10% 35 V TA	04200	299D106X9035DB1
CR1	1901-1098	1		1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR2	1901-1098	1		1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR4	1901-0050	3		1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03406	
CR5	1901-1065	2		1	DIODE-PWR RECT 1N4936 400V 1A 200NS	03627	1N4936
CR10	1901-0050	3		1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03406	
CR21	1901-1098	1		1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR22	1901-1098	1		1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR24	1901-0050	3		1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03406	
CR25	1901-1065	2		1	DIODE-PWR RECT 1N4936 400V 1A 200NS	03627	1N4936
CR30	1901-0050	3		1	DIODE-SWITCHING 80V 200MA 2NS DO-35	03406	
CR40	1901-0033	2		1	DIODE-GEN PRP 180V 200MA DO-35	03406	
CR41	1901-0033	2		1	DIODE-GEN PRP 180V 200MA DO-35	03406	
CR51	1901-1065	2		1	DIODE-PWR RECT 1N4936 400V 1A 200NS	03627	1N4936
CR52	1901-1065	2		1	DIODE-PWR RECT 1N4936 400V 1A 200NS	03627	1N4936
CR53	1901-1065	2		1	DIODE-PWR RECT 1N4936 400V 1A 200NS	03627	1N4936

**HP Part Number 08562-60166
CRT Driver (continued)**

Reference Designator	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
CR54	1901-1065	2	1	1	DIODE-PWR RECT 1N4936 400V 1A 200NS	03627	1N4936
CR71	1901-1065	2	1	1	DIODE-PWR RECT 1N4936 400V 1A 200NS	03627	1N4936
CR72	1901-1065	2	1	1	DIODE-PWR RECT 1N4936 400V 1A 200NS	03627	1N4936
CR73	1901-1065	2	1	1	DIODE-PWR RECT 1N4936 400V 1A 200NS	03627	1N4936
CR74	1901-1065	2	1	1	DIODE-PWR RECT 1N4936 400V 1A 200NS	03627	1N4936
CR90	1902-3357	1	1	1	DIODE-ZNR 56.2V 5% DO-7 PD=.4W TC=+.081%	02037	SZ30016-3
J1	1252-1325	0	1	1	CONN-POST TYPE .100-PIN-SPCG 10-CONT	04726	2510-6002UB
J2	1252-2045	3	1	1	CONN-POST TYPE .100-PIN-SPCG 5-CONT	01380	644093-2
J3	1252-2046	4	1	1	CONN-POST TYPE .100-PIN-SPCG 7-CONT	01380	644223-1
J4	1252-1200	0	1	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J5	1252-2044	2	1	1	CONN-POST TYPE .100-PIN-SPCG 2-CONT	01380	644222-1
J6	1252-1644	6	1	1	CONN-POST TYPE .156-PIN-SPCG 4-CONT	01380	644087-2
J7	1252-1645	7	1	1	CONN-POST TYPE .156-PIN-SPCG 5-CONT	01380	643734-2
L101	9140-0210	1	1	1	INDUCTOR RF-CH-MLD 100UH +-5%	05826	1537-76
L102	9140-0210	1	1	1	INDUCTOR RF-CH-MLD 100UH +-5%	05826	1537-76
MP2	0380-1513	8	4	4	STANDOFF-RVT-ON 5-MM-LG M3.0 X 0.5-THD	02121	
MP6	1251-8616	4	2	2	CONN-POST TYPE .150-PIN-SPCG 4-CONT	01380	87221-3
MP7	5041-7248	5	1	1		28480	5041-7248
MP8	5041-8961	1	1	1		28480	5041-8961
Q1	1854-0523	4	1	1	TRANSISTOR NPN SI TO-39 PD=1W FT=150MHZ	02037	SS3091
Q2	1854-0523	4	1	1	TRANSISTOR NPN SI TO-39 PD=1W FT=150MHZ	02037	SS3091
Q20	1854-0523	4	1	1	TRANSISTOR NPN SI TO-39 PD=1W FT=150MHZ	02037	SS3091
Q21	1854-0523	4	1	1	TRANSISTOR NPN SI TO-39 PD=1W FT=150MHZ	02037	SS3091
Q50	1854-0215	1	1	1	TRANSISTOR NPN SI TO-92 PD=625MW	02037	2N3904
Q51	1854-0523	4	1	1	TRANSISTOR NPN SI TO-39 PD=1W FT=150MHZ	02037	SS3091
Q52	1854-0523	4	1	1	TRANSISTOR NPN SI TO-39 PD=1W FT=150MHZ	02037	SS3091
Q53	1854-0523	4	1	1	TRANSISTOR NPN SI TO-39 PD=1W FT=150MHZ	02037	SS3091
Q54	1854-0523	4	1	1	TRANSISTOR NPN SI TO-39 PD=1W FT=150MHZ	02037	SS3091
Q55	1854-0215	1	1	1	TRANSISTOR NPN SI TO-92 PD=625MW	02037	2N3904
Q70	1854-0215	1	1	1	TRANSISTOR NPN SI TO-92 PD=625MW	02037	2N3904
Q71	1854-0523	4	1	1	TRANSISTOR NPN SI TO-39 PD=1W FT=150MHZ	02037	SS3091
Q72	1854-0523	4	1	1	TRANSISTOR NPN SI TO-39 PD=1W FT=150MHZ	02037	SS3091
Q73	1854-0523	4	1	1	TRANSISTOR NPN SI TO-39 PD=1W FT=150MHZ	02037	SS3091
Q74	1854-0523	4	1	1	TRANSISTOR NPN SI TO-39 PD=1W FT=150MHZ	02037	SS3091
Q75	1854-0215	1	1	1	TRANSISTOR NPN SI TO-92 PD=625MW	02037	2N3904

*Indicates factory-selected value

CLIP 08562-90193 CRT Driver 3

**HP Part Number 08562-60166
CRT Driver (continued)**

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
Q101	1854-0215	1	1	TRANSISTOR NPN SI TO-92 PD=625MW	02037	2N3904
Q102	1854-0215	1	1	TRANSISTOR NPN SI TO-92 PD=625MW	02037	2N3904
Q103	1854-0215	1	1	TRANSISTOR NPN SI TO-92 PD=625MW	02037	2N3904
R1	0757-0290	5	1	RESISTOR 6.19K +1% .125W TF TC=0+100	05524	CMF-55-1
R2	0757-0470	3	1	RESISTOR 162K +1% .125W TF TC=0+100	05524	CMF-55-1
R3	0698-3154	0	1	RESISTOR 4.22K +1% .125W TF TC=0+100	05524	CMF-55-1
R4	2100-3207	1	1	RESISTOR-TRMR 5K 10% TKF SIDE-ADJ 1-TRN	03744	3386X-Y46-502
R5	0698-0083	8	1	RESISTOR 1.96K +1% .125W TF TC=0+100	05524	CMF-55-1
R6	0757-0290	5	1	RESISTOR 6.19K +1% .125W TF TC=0+100	05524	CMF-55-1
R7	0698-3156	2	1	RESISTOR 14.7K +1% .125W TF TC=0+100	05524	CMF-55-1
R8	0698-3156	2	1	RESISTOR 14.7K +1% .125W TF TC=0+100	05524	CMF-55-1
R9	0698-3156	2	1	RESISTOR 14.7K +1% .125W TF TC=0+100	05524	CMF-55-1
R10	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+100	05524	CMF-55-1
R11	2100-3355	0	1	RESISTOR-TRMR 100K 10% TKF SIDE-ADJ	03744	3386X-Y46-104
R12	0698-8827	4	1	RESISTOR 1M +1% .125W TF TC=0+100	05524	CMF-55-1
R13	0757-0461	2	1	RESISTOR 68.1K +1% .125W TF TC=0+100	05524	CMF-55-1
R14	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+100	05524	CMF-55-1
R15	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+100	05524	CMF-55-1
R18	0757-0417	8	1	RESISTOR 562 +1% .125W TF TC=0+100	05524	CMF-55-1
R20	0757-0428	1	1	RESISTOR 1.62K +1% .125W TF TC=0+100	05524	CMF-55-1
R21	2100-3352	7	1	RESISTOR-TRMR 1K 10% TKF SIDE-ADJ 1-TRN	03744	3386X-Y46-102
R23	0757-0438	3	1	RESISTOR 5.11K +1% .125W TF TC=0+100	05524	CMF-55-1
R24	0757-0439	4	1	RESISTOR 6.81K +1% .125W TF TC=0+100	05524	CMF-55-1
R26	2100-3352	7	1	RESISTOR-TRMR 1K 10% TKF SIDE-ADJ 1-TRN	03744	3386X-Y46-102
R27	0698-3151	7	1	RESISTOR 2.87K +1% .125W TF TC=0+100	05524	CMF-55-1
R28	0757-0290	5	1	RESISTOR 6.19K +1% .125W TF TC=0+100	05524	CMF-55-1
R29	0698-3156	2	1	RESISTOR 14.7K +1% .125W TF TC=0+100	05524	CMF-55-1
R30	0698-3156	2	1	RESISTOR 14.7K +1% .125W TF TC=0+100	05524	CMF-55-1
R31	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+100	05524	CMF-55-1
R32	0698-8959	3	1	RESISTOR 619K +1% .125W TF TC=0+100	01074	H8
R33	0699-0172	8	1	RESISTOR 3M +5% 1W TF TC=0+250	01992	FL1
R34	2100-3626	8	1	RESISTOR-TRMR 2M 20% TKF SIDE-ADJ 1-TRN	03744	3386X-Y46-205
R35	0699-0171	7	1	RESISTOR 6.5M +5% 1W TF TC=0+250	01992	FL1
R36	0698-8827	4	1	RESISTOR 1M +1% .125W TF TC=0+100	05524	CMF-55-1
R40	0757-0465	6	1	RESISTOR 100K +1% .125W TF TC=0+100	05524	CMF-55-1

**HP Part Number 08562-60166
CRT Driver (continued)**

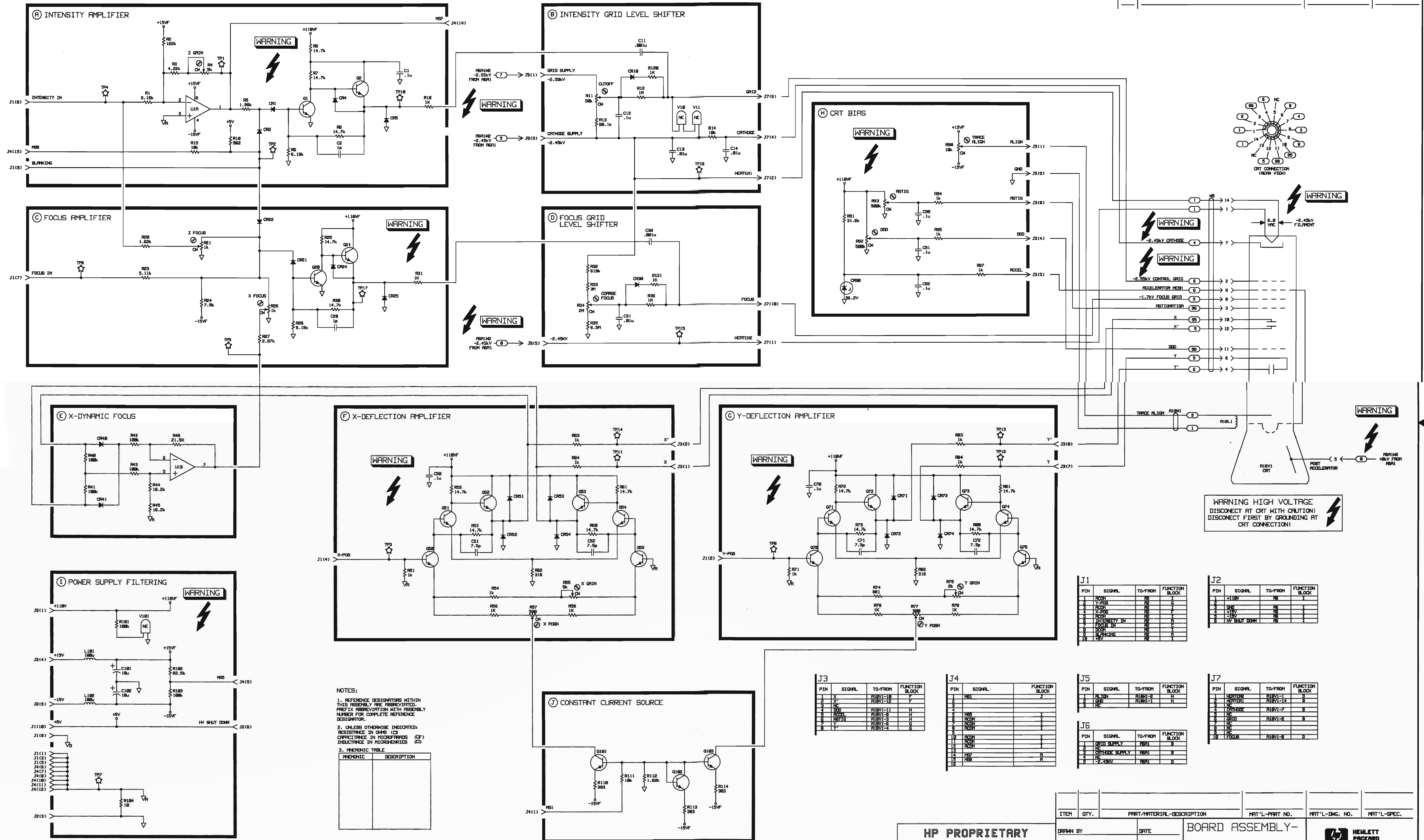
Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R41	0757-0465	6	1	RESISTOR 100K +1% .125W TF TC=0+100	05524	CMF-55-1
R42	0757-0465	6	1	RESISTOR 100K +1% .125W TF TC=0+100	05524	CMF-55-1
R43	0757-0465	6	1	RESISTOR 100K +1% .125W TF TC=0+100	05524	CMF-55-1
R44	0757-0447	4	1	RESISTOR 16.2K +1% .125W TF TC=0+100	05524	CMF-55-1
R45	0757-0447	4	1	RESISTOR 16.2K +1% .125W TF TC=0+100	05524	CMF-55-1
R46	0757-0199	3	1	RESISTOR 21.5K +1% .125W TF TC=0+100	05524	CMF-55-1
R51	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+100	05524	CMF-55-1
R52	0698-3156	2	1	RESISTOR 14.7K +1% .125W TF TC=0+100	05524	CMF-55-1
R53	0698-3156	2	1	RESISTOR 14.7K +1% .125W TF TC=0+100	05524	CMF-55-1
R54	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+100	05524	CMF-55-1
R55	2100-3207	1	1	RESISTOR-TRMR 5K 10% TKF SIDE-ADJ 1-TRN	03744	3386X-Y46-502
R56	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+100	05524	CMF-55-1
R57	2100-3351	6	1	RESISTOR-TRMR 500 10% TKF SIDE-ADJ 1-TRN	03744	3386X-Y46-501
R58	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+100	05524	CMF-55-1
R60	0698-3156	2	1	RESISTOR 14.7K +1% .125W TF TC=0+100	05524	CMF-55-1
R61	0698-3156	2	1	RESISTOR 14.7K +1% .125W TF TC=0+100	05524	CMF-55-1
R62	0698-3444	1	1	RESISTOR 316 +1% .125W TF TC=0+100	05524	CMF-55-1
R63	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+100	05524	CMF-55-1
R64	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+100	05524	CMF-55-1
R71	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+100	05524	CMF-55-1
R72	0698-3156	2	1	RESISTOR 14.7K +1% .125W TF TC=0+100	05524	CMF-55-1
R73	0698-3156	2	1	RESISTOR 14.7K +1% .125W TF TC=0+100	05524	CMF-55-1
R74	0757-0419	0	1	RESISTOR 681 +1% .125W TF TC=0+100	05524	CMF-55-1
R75	2100-3273	1	1	RESISTOR-TRMR 2K 10% TKF SIDE-ADJ 1-TRN	03744	3386X-Y46-202
R76	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+100	05524	CMF-55-1
R77	2100-3351	6	1	RESISTOR-TRMR 500 10% TKF SIDE-ADJ 1-TRN	03744	3386X-Y46-501
R78	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+100	05524	CMF-55-1
R80	0698-3156	2	1	RESISTOR 14.7K +1% .125W TF TC=0+100	05524	CMF-55-1
R81	0698-3156	2	1	RESISTOR 14.7K +1% .125W TF TC=0+100	05524	CMF-55-1
R82	0698-3444	1	1	RESISTOR 316 +1% .125W TF TC=0+100	05524	CMF-55-1
R83	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+100	05524	CMF-55-1
R84	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+100	05524	CMF-55-1
R90	2100-3274	2	1	RESISTOR-TRMR 10K 10% TKF SIDE-ADJ 1-TRN	03744	3386X-Y46-103
R91	0698-3160	8	1	RESISTOR-31.6K +1% .125W TF TC=0+100	05524	CMF-55-1
R92	2100-3357	2	1	RESISTOR-TRMR 500K 10% TKF SIDE-ADJ	03744	3386X-Y46-504

*Indicates factory-selected value

**HP Part Number 08562-60166
CRT Driver (continued)**

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R93	2100-3357	2	1	RESISTOR-TRMR 500K 10% TKF SIDE-ADJ	03744	3386X-Y46-504
R94	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+-100	05524	CMF-55-1
R95	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+-100	05524	CMF-55-1
R97	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+-100	05524	CMF-55-1
R101	0757-0465	6	1	RESISTOR 100K +1% .125W TF TC=0+-100	05524	CMF-55-1
R102	0757-0463	4	1	RESISTOR 82.5K +1% .125W TF TC=0+-100	05524	CMF-55-1
R103	0757-0465	6	1	RESISTOR 100K +1% .125W TF TC=0+-100	05524	CMF-55-1
R104	0757-0346	2	1	RESISTOR 10 +1% .125W TF TC=0+-100	05524	CMF-55-1
R110	0698-3446	3	1	RESISTOR 383 +1% .125W TF TC=0+-100	05524	CMF-55-1
R111	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R112	0757-0428	1	1	RESISTOR 1.62K +1% .125W TF TC=0+-100	05524	CMF-55-1
R113	0698-3446	3	1	RESISTOR 383 +1% .125W TF TC=0+-100	05524	CMF-55-1
R114	0698-3446	3	1	RESISTOR 383 +1% .125W TF TC=0+-100	05524	CMF-55-1
R120	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+-100	05524	CMF-55-1
R121	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+-100	05524	CMF-55-1
U1	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPD DUAL 8 PIN	02037	MC34002BU
V10	2140-0018	0	1	LAMP-GLOW A9A-CT 90VDC 700UA T-2-BULB	07338	
V11	2140-0018	0	1	LAMP-GLOW A9A-CT 90VDC 700UA T-2-BULB	07338	
V101	2140-0018	0	1	LAMP-GLOW A9A-CT 90VDC 700UA T-2-BULB	07338	

SYM	REVISIONS	APPROVED	DATE
A	AS ISSUED PER PCO 53-07425 DC		



WARNING HIGH VOLTAGE
DISCONNECT AT CRT WITH CAUTION!
DISCONNECT FIRST BY GROUNDING AT
CRT CONNECTION!

PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
1	ROOM	RS	I
2	Y-POS	RS	G
3	ROOM	RS	I
4	X-POS	RS	F
5	ROOM	RS	Y
6	INTENSITY IN	RS	A
7	FOCUS IN	RS	C
8	ROOM	RS	Y
9	BLANKING	RS	H
18	+5V	RS	I

PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
1	+110V	PS	I
2			
3	GND	PS	I
4	+15V	PS	I
5	-15V	PS	I
6	HW SHUT DOWN	PS	I

PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
1	X	RI6V1-10	F
2	X'	RI6V1-12	F
3	NC		
4	DD	RI6V1-11	H
5	ROCEL	RI6V1-8	H
6	ASTIG	RI6V1-3	H
7	Y	RI6V1-6	G
8	Y'	RI6V1-4	G

J4		
PIN	SIGNAL	FUNCTION BLOCK
1	H81	J
2		
3		
4		
5	H85	J
6	ROOM	J
7	ROOM	J
8	ROOM	J
9		
10	ROOM	J
11	ROOM	J
12	ROOM	J
13		
14	H87	A
15	H89	A
16		

PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
1	ALIGN	ALIGN-2	H
2	GND	ALIGN-1	H
3	NC		

PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
1	GRID SUPPLY	PERI	B
2	NC		
3	CATHODE SUPPLY	PERI	B
4	NC		
5	-2.45KV	PERI	D

J7			
PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
1	HEATER2	A18V1-1	D
2	HEATER1	A18V1-14	B
3	NC		
4	CATHODE	A18V1-7	B
5	NC		
6	GRID	A18V1-2	B
7	NC		
8	NC		
9	NC		
10	FOCUS	A18V1-8	D

[illegible]

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Component-Level Information Packet for 08562-60168

Radio Frequency



**HEWLETT
PACKARD**

**HP Part No. 08562-90194
Printed in USA July 1992**

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HP Part Number 08562-60168
Radio Frequency

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C100	0121-0061	1	1	CAP-VAR 18pF 5.5pF 350 V CER	09538	538-016 A 5.5-18
C101	0160-4383	0	1	CAP-FXD 6.8pF +7.35% 200 V CER C0G	09939	RPE121-105C0G6R8D200V
C102	0180-3328	3	1	CAP-FXD 10uF +20% 63 V AL-ELCTLT	28480	0180-3328
C103	0180-3328	3	1	CAP-FXD 10uF +20% 63 V AL-ELCTLT	28480	0180-3328
C104	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C105	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C106	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C107	0160-4040	6	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C108	0160-4040	6	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C109	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C110	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C111	0160-4399	8	1	CAP-FXD 0.66pF +50% 50 V CER C0G	09939	RPE110C0G0R5B50V
C112	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C113	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C114	0180-3632	2	1	CAP-FXD 22uF +20% 50 V AL-ELCTLT	28480	0180-3632
C115	0160-4040	6	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C116	0160-4040	6	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C117	0160-4040	6	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C119	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C121	0160-4383	0	1	CAP-FXD 6.8pF +7.35% 200 V CER C0G	09939	RPE121-105C0G6R8D200V
C150	0160-4386	3	1	CAP-FXD 33pF +5% 200 V CER C0G	09939	RPE121-105C0G330J200V
C151	0160-4574	1	1	CAP-FXD 1000pF +10% 100 V CER X7R	09939	RPA10X7R102K100V
C152	0160-4795	8	1	CAP-FXD 4.7pF +10.64% 100 V CER C0G	09939	RPA10C0G4R7D100
C153	0160-4387	4	1	CAP-FXD 47pF +5% 200 V CER C0G	09939	RPE121-105C0G470J200V
C154	0160-4040	6	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C155	0160-4524	1	1	CAP-FXD 24pF +5% 200 V CER C0G	09939	RPE121-105C0G240J200V
C156	0160-4788	9	1	CAP-FXD 18pF +5% 100 V CER C0G	09939	RPA10C0G180J100
C157	0160-4526	3	1	CAP-FXD 42pF +5% 200 V CER C0G	09939	RPE121-105C0G420J200V
C158	0160-4492	2	1	CAP-FXD 18pF +5% 200 V CER C0G	09939	RPE121-105C0G180J200V
C159	0160-4040	6	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C160	0160-4766	3	1	CAP-FXD 30pF +5% 200 V CER C0G	09939	RPE121-105C0G300J200V
C161	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C170	0160-4040	6	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C200	0180-3838	0	1	CAP-FXD 33nF +20% 25 V AL-ELCTLT	28480	0180-3838
C201	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT

HP Part Number 08562-60168
Radio Frequency (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
C202	0160-4084	8	1	CAP-FXD 0.1uF +20% 50 V CER X7R	09939	RPE122-139X7R104M50V
C203	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C204	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C205	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C206	0160-4517	2	1	CAP-FXD 1.2pF +20.8% 200 V CER C0G	09939	RPE110-120C0G1R2C200V
C207	0160-4796	9	1	CAP-FXD 3.9pF +6.4% 100 V CER C0G	09939	RPA10C0G3R9C100
C208	0160-4787	8	1	CAP-FXD 22pF +5% 100 V CER C0G	09939	RPA10C0G220J100
C209	0160-4799	2	1	CAP-FXD 2.2pF +11.36% 100 V CER C0G	09939	RPA10COG2R2C100
C210	0121-0452	4	1	CAP-VAR 5.4pF 1.3pF 125 V AIR	04670	187-0103-028
C211	0160-4795	8	1	CAP-FXD 4.7pF +10.64% 100 V CER C0G	09939	RPA10C0G4R7D100
C212	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C213	0160-3874	2	1	CAP-FXD 10pF +5% 200 V CER C0G	09939	RPE121-105C0G100D200V
C214	0160-3874	2	1	CAP-FXD 10pF +5% 200 V CER C0G	09939	RPE121-105C0G100D200V
C215	0160-4791	4	1	CAP-FXD 10pF +5% 100 V CER C0G	09939	RPA10C0G100D100
C216	0160-4794	7	1	CAP-FXD 5.6pF +8.92% 100 V CER C0G	09939	RPA10C0G5R6D100PT
C217	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C218	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C219	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C220	0160-0575	4	1	CAP-FXD 0.047uF +20% 50 V CER X7R	09939	RPE121-105X7R473M50V
C221	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C222	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C223	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C224	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C225	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C226	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C227	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C228	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C229	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C230	0180-3328	3	1	CAP-FXD 10uF +20% 63 V AL-ELCTLT	28480	0180-3328
C231	0180-3328	3	1	CAP-FXD 10uF +20% 63 V AL-ELCTLT	28480	0180-3328
C232	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C233	0160-4801	7	1	CAP-FXD 100pF +5% 100 V CER C0G	09939	RPA10C0G101J100V
C234	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C235	0160-4793	6	1	CAP-FXD 6.8pF +7.35% 100 V CER C0G	09939	RPA10C0G6R8D100
C236	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V

**Indicates factory-selected value*

CLIP 08562-90194 Radio Frequency 3

HP Part Number 08562-60168
Radio Frequency (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C237	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C238	0160-4521	8	1	CAP-FXD 12pF +5% 200 V CER C0G	09939	RPE121-105C0G120J200V
C239	0160-4793	6	1	CAP-FXD 6.8pF +7.35% 100 V CER C0G	09939	RPA10C0G6R8D100
C240	0180-3838	0	1	CAP-FXD 33uF +20% 25 V AL-ELCTLT	28480	0180-3838
C241	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C242	0160-4574	1	1	CAP-FXD 1000pF +10% 100 V CER X7R	09939	RPA10X7R102K100V
C243	0160-4040	6	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C244	0160-4040	6	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C245	0160-4040	6	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C246	0160-4040	6	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C247	0160-4574	1	1	CAP-FXD 1000pF +10% 100 V CER X7R	09939	RPA10X7R102K100V
C248	0160-4389	6	1	CAP-FXD 100pF +5% 200 V CER C0G	09939	RPE121-105C0G101J200V
C301	0180-3328	3	1	CAP-FXD 10uF +20% 63 V AL-ELCTLT	28480	0180-3328
C302	0180-3632	2	1	CAP-FXD 22uF +20% 50 V AL-ELCTLT	28480	0180-3632
C303	0180-3328	3	1	CAP-FXD 10uF +20% 63 V AL-ELCTLT	28480	0180-3328
C304	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C305	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C308	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C309	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C310	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C311	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C312	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C313	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C314	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C315	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C316	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C317	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C318	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C319	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C320	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C321	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C322	0160-4811	9	1	CAP-FXD 270pF +5% 100 V CER C0G	09939	RPA10C0G271J100V
C399	0160-4554	7	1	CAP-FXD 0.01uF +20% 50 V CER X7R	09939	RPA10X7R103M50V
C400	0160-4801	7	1	CAP-FXD 100pF +5% 100 V CER C0G	09939	RPA10C0G101J100V
C401	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V

HP Part Number 08562-60168
Radio Frequency (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C402	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C403	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C404	0160-4793	6	1	CAP-FXD 6.8pF +7.35% 100 V CER C0G	09939	RPA10C0G6R8D100
C405	0160-4801	7	1	CAP-FXD 100pF +5% 100 V CER C0G	09939	RPA10C0G101J100V
C406	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C407	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C408	0160-4801	7	1	CAP-FXD 100pF +5% 100 V CER C0G	09939	RPA10C0G101J100V
C409	0160-4813	1	1	CAP-FXD 180pF +5% 100 V CER C0G	09939	RPA10C0G181J100V
C410	0160-4813	1	1	CAP-FXD 180pF +5% 100 V CER C0G	09939	RPA10C0G181J100V
C411	0160-4803	9	1	CAP-FXD 68pF +5% 100 V CER C0G	09939	RPA10C0G680J100V
C412	0160-4803	9	1	CAP-FXD 68pF +5% 100 V CER C0G	09939	RPA10C0G680J100V
C413	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C415	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C416	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C417	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C418	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C419	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C420	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C421	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C422	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C423	0160-5422	0	1	CAP-FXD 0.047uF +20% 50 V CER X7R	09939	RPA20X7R473M50V
C424	0160-5422	0	1	CAP-FXD 0.047uF +20% 50 V CER X7R	09939	RPA20X7R473M50V
C425	0160-5422	0	1	CAP-FXD 0.047uF +20% 50 V CER X7R	09939	RPA20X7R473M50V
C426	0160-0575	4	1	CAP-FXD 0.047uF +20% 50 V CER X7R	09939	RPE121-105X7R473M50V
C427	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C428	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C429	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C430	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C431	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C432	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C433	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C434	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C435	0160-4084	8	1	CAP-FXD 0.1uF +20% 50 V CER X7R	09939	RPE122-139X7R104M50V
C436	0160-4813	1	1	CAP-FXD 180pF +5% 100 V CER C0G	09939	RPA10C0G181J100V
C437	0160-4808	4	1	CAP-FXD 470pF +5% 100 V CER C0G	09939	RPA10C0G471J100V

*Indicates factory-selected value

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HP Part Number 08562-60168
Radio Frequency (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C438	0160-4804	0	1	CAP-FXD 56pF +5% 100 V CER C0G	09939	RPA10COG560J100
C439	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C440	0160-4801	7	1	CAP-FXD 100pF +5% 100 V CER C0G	09939	RPA10C0G101J100V
C441	0160-4833	5	1	CAP-FXD 0.022uF +10% 100 V CER X7R	09939	RPA20X7R223K100V
C443	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C444	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C445	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C446	0160-4820	0	1	CAP-FXD 1800pF +5% 100 V CER C0G	09939	RPA30C0G182J100V
C447	0160-4825	5	1	CAP-FXD 560pF +5% 100 V CER C0G	09939	RPA10C0G561J100V
C448	0160-4831	3	1	CAP-FXD 4700pF +10% 100 V CER X7R	09939	RPA10X7R472K100V
C449	0160-4441	1	1	CAP-FXD 0.47uF +10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C450	0160-5422	0	1	CAP-FXD 0.047uF +20% 50 V CER X7R	09939	RPA20X7R473M50V
C451	0180-3328	3	1	CAP-FXD 10uF +20% 63 V AL-ELCTLT	28480	0180-3328
C452	0180-3328	3	1	CAP-FXD 10uF +20% 63 V AL-ELCTLT	28480	0180-3328
C453	0180-3328	3	1	CAP-FXD 10uF +20% 63 V AL-ELCTLT	28480	0180-3328
C454	0180-3920	1	1	CAP-FXD 330uF +20% 10 V AL-ELCTLT	00779	TVX1A331MAA1LS
C455	0180-3920	1	1	CAP-FXD 330uF +20% 10 V AL-ELCTLT	00779	TVX1A331MAA1LS
C456	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C457	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C458	0180-3838	0	1	CAP-FXD 33uF +20% 25 V AL-ELCTLT	28480	0180-3838
C459	0180-3920	1	1	CAP-FXD 330uF +20% 10 V AL-ELCTLT	00779	TVX1A331MAA1LS
C460	0160-4574	1	1	CAP-FXD 1000pF +10% 100 V CER X7R	09939	RPA10X7R102K100V
C461	0160-4040	6	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C501	0160-4793	6	1	CAP-FXD 6.8pF +7.35% 100 V CER C0G	09939	RPA10C0G6R8D100
C503	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C504	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C505	0160-4789	0	1	CAP-FXD 15pF +5% 100 V CER C0G	09939	RPA10C0G150J100
C506	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C507	0160-4801	7	1	CAP-FXD 100pF +5% 100 V CER C0G	09939	RPA10C0G101J100V
C508	0160-4789	0	1	CAP-FXD 15pF +5% 100 V CER C0G	09939	RPA10C0G150J100
C509	0160-4805	1	1	CAP-FXD 47pF +5% 100 V CER C0G	09939	RPA10C0G470J100V
C510	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C511	0160-4789	0	1	CAP-FXD 15pF +5% 100 V CER C0G	09939	RPA10C0G150J100
C512	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C513	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V

HP Part Number 08562-60168
Radio Frequency (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C514	0160-4791	4	1	CAP-FXD 10pF +5% 100 V CER C0G	09939	RPA10C0G100D100
C515	0160-4825	5	1	CAP-FXD 560pF +5% 100 V CER C0G	09939	RPA10C0G561J100V
C516	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C517	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C518	0160-4789	0	1	CAP-FXD 15pF +5% 100 V CER C0G	09939	RPA10C0G150J100
C519	0160-4805	1	1	CAP-FXD 47pF +5% 100 V CER C0G	09939	RPA10C0G470J100V
C520	0160-4789	0	1	CAP-FXD 15pF +5% 100 V CER C0G	09939	RPA10C0G150J100
C521	0160-4789	0	1	CAP-FXD 15pF +5% 100 V CER C0G	09939	RPA10C0G150J100
C522	0160-4791	4	1	CAP-FXD 10pF +5% 100 V CER C0G	09939	RPA10C0G100D100
C523	0160-4791	4	1	CAP-FXD 10pF +5% 100 V CER C0G	09939	RPA10C0G100D100
C524	0160-4803	9	1	CAP-FXD 68pF +5% 100 V CER C0G	09939	RPA10C0G680J100V
C525	0160-4790	3	1	CAP-FXD 12pF +5% 100 V CER C0G	09939	RPA10C0G120J100
C526	0160-4789	0	1	CAP-FXD 15pF +5% 100 V CER C0G	09939	RPA10C0G150J100
C527	0160-4792	5	1	CAP-FXD 8.2pF +6.1% 100 V CER C0G	09939	RPA10C0G8R2D100
C528	0160-4805	1	1	CAP-FXD 47pF +5% 100 V CER C0G	09939	RPA10C0G470J100V
C529	0160-4811	9	1	CAP-FXD 270pF +5% 100 V CER C0G	09939	RPA10C0G271J100V
C530	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C531	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C532	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C533	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C534	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C535	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C536	0160-4811	9	1	CAP-FXD 270pF +5% 100 V CER C0G	09939	RPA10C0G271J100V
C537	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C538	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C539	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C540	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C541	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C542	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C543	0160-4833	5	1	CAP-FXD 0.022uF +10% 100 V CER X7R	09939	RPA20X7R223K100V
C544	0160-4833	5	1	CAP-FXD 0.022uF +10% 100 V CER X7R	09939	RPA20X7R223K100V
C545	0160-4535	4	1	CAP-FXD 1uF +10% 50 V CER X7R	09939	RPE113-130X7R105K50V
C546	0160-4535	4	1	CAP-FXD 1uF +10% 50 V CER X7R	09939	RPE113-130X7R105K50V
C547	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C548	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT

**Indicates factory-selected value*

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HP Part Number 08562-60168
Radio Frequency (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C549	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C550	0180-3328	3	1	CAP-FXD 10uF +20% 63 V AL-ELCTLT	28480	0180-3328
C551	0180-3328	3	1	CAP-FXD 10uF +20% 63 V AL-ELCTLT	28480	0180-3328
C552	0180-3628	6	1	CAP-FXD 220uF +20% 16 V AL-ELCTLT	28480	0180-3628
C553	0180-3328	3	1	CAP-FXD 10uF +20% 63 V AL-ELCTLT	28480	0180-3328
C554	0180-3632	2	1	CAP-FXD 22uF +20% 50 V AL-ELCTLT	28480	0180-3632
C555	0160-4790	3	1	CAP-FXD 12pF +5% 100 V CER C0G	09939	RPA10C0G120J100
C556	0160-4793	6	1	CAP-FXD 6.8pF +7.35% 100 V CER C0G	09939	RPA10C0G6R8D100
C601	0160-4371	6	1	CAP-FXD 680pF +5% 100 V CER C0G	09939	RPE121-105C0G681J100V
C602	0160-4803	9	1	CAP-FXD 68pF +5% 100 V CER C0G	09939	RPA10C0G680J100V
C603	0160-4824	4	1	CAP-FXD 680pF +5% 100 V CER C0G	09939	RPA10COG681J100V
C604	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C605	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C606	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C607	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C608	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C609	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C610	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C611	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C612	0160-0575	4	1	CAP-FXD 0.047uF +20% 50 V CER X7R	09939	RPE121-105X7R473M50V
C613	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C614	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C615	0160-4574	1	1	CAP-FXD 1000pF +10% 100 V CER X7R	09939	RPA10X7R102K100V
C616	0160-4787	8	1	CAP-FXD 22pF +5% 100 V CER C0G	09939	RPA10C0G220J100
C617	0160-4801	7	1	CAP-FXD 100pF +5% 100 V CER C0G	09939	RPA10C0G101J100V
C618	0160-4574	1	1	CAP-FXD 1000pF +10% 100 V CER X7R	09939	RPA10X7R102K100V
C619	0160-4574	1	1	CAP-FXD 1000pF +10% 100 V CER X7R	09939	RPA10X7R102K100V
C620	0160-4350	1	1	CAP-FXD 68pF +5% 200 V CER C0G	09939	RPE121-105C0G680J200V
C621	0160-3874	2	1	CAP-FXD 10pF +5% 200 V CER C0G	09939	RPE121-105C0G100D200V
C622	0160-4522	9	1	CAP-FXD 13pF +5% 200 V CER C0G	09939	RPE121-105C0G130J200V
C623	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C624	0160-4574	1	1	CAP-FXD 1000pF +10% 100 V CER X7R	09939	RPA10X7R102K100V
C625	0180-3328	3	1	CAP-FXD 10uF +20% 63 V AL-ELCTLT	28480	0180-3328
C626	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C627	0160-5422	0	1	CAP-FXD 0.047uF +20% 50 V CER X7R	09939	RPA20X7R473M50V

HP Part Number 08562-60168
Radio Frequency (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C628	0160-5422	0	1	CAP-FXD 0.047uF +20% 50 V CER X7R	09939	RPA20X7R473M50V
C629	0121-0448	8	1	CAP-VAR 5pF 2.5pF 63 V CER	01468	302-504-111
C701	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C702	0180-3888	0	1	CAP-FXD 15uF +10% 25 V TA	04200	173D156X9025X
C703	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C704	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C705	0160-4790	3	1	CAP-FXD 12pF +5% 100 V CER C0G	09939	RPA10C0G120J100
C706	0160-4793	6	1	CAP-FXD 6.8pF +7.35% 100 V CER C0G	09939	RPA10C0G6R8D100
C707	0160-4797	0	1	CAP-FXD 3.3pF +7.58% 100 V CER C0G	09939	RPA10COG3R3C100
C708	0160-4793	6	1	CAP-FXD 6.8pF +7.35% 100 V CER C0G	09939	RPA10C0G6R8D100
C709	0160-4793	6	1	CAP-FXD 6.8pF +7.35% 100 V CER C0G	09939	RPA10C0G6R8D100
C710	0160-4799	2	1	CAP-FXD 2.2pF +11.36% 100 V CER C0G	09939	RPA10COG2R2C100
C711	0180-3328	3	1	CAP-FXD 10uF +20% 63 V AL-ELCTLT	28480	0180-3328
C712	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C713	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C714	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C715	0160-4790	3	1	CAP-FXD 12pF +5% 100 V CER C0G	09939	RPA10C0G120J100
C716	0160-4790	3	1	CAP-FXD 12pF +5% 100 V CER C0G	09939	RPA10C0G120J100
C717	0160-4796	9	1	CAP-FXD 3.9pF +6.4% 100 V CER C0G	09939	RPA10C0G3R9C100
C801	0160-4574	1	1	CAP-FXD 1000pF +10% 100 V CER X7R	09939	RPA10X7R102K100V
C802	0160-4574	1	1	CAP-FXD 1000pF +10% 100 V CER X7R	09939	RPA10X7R102K100V
C803	0160-4574	1	1	CAP-FXD 1000pF +10% 100 V CER X7R	09939	RPA10X7R102K100V
C804	0160-4574	1	1	CAP-FXD 1000pF +10% 100 V CER X7R	09939	RPA10X7R102K100V
C805	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C806	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C807	0160-4574	1	1	CAP-FXD 1000pF +10% 100 V CER X7R	09939	RPA10X7R102K100V
C808	0180-3328	3	1	CAP-FXD 10uF +20% 63 V AL-ELCTLT	28480	0180-3328
C809	0160-4574	1	1	CAP-FXD 1000pF +10% 100 V CER X7R	09939	RPA10X7R102K100V
C810	0160-4387	4	1	CAP-FXD 47pF +5% 200 V CER C0G	09939	RPE121-105COG470J200V
C901	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C902	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C903	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C904	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C905	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C906	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT

**Indicates factory-selected value*

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HP Part Number 08562-60168
Radio Frequency (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C907	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C908	0160-4787	8	1	CAP-FXD 22pF +-5% 100 V CER C0G	09939	RPA10C0G220J100
C909	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C910	0180-3328	3	1	CAP-FXD 10uF +-20% 63 V AL-ELCTLT	28480	0180-3328
C911	0180-3328	3	1	CAP-FXD 10uF +-20% 63 V AL-ELCTLT	28480	0180-3328
C912	0180-3632	2	1	CAP-FXD 22uF +-20% 50 V AL-ELCTLT	28480	0180-3632
C913	0180-3328	3	1	CAP-FXD 10uF +-20% 63 V AL-ELCTLT	28480	0180-3328
C914	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C915	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	09939	RPA20X7R104K50VPT
CR101	1901-1097	0	1	DIODE-PIN	02062	5082-5580
CR102	1901-1097	0	1	DIODE-PIN	02062	5082-5580
CR103	1901-1097	0	1	DIODE-PIN	02062	5082-5580
CR200	0122-0161	4	1	DIODE-VVC 2.15PF 7% C 3/C25-MIN=4.5	06337	BB405B
CR301	1901-1068	5	1	DIODE-SCHOTTKY SM SIG	02062	5082-5541
CR400	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR401	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR402	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR403	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR404	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR405	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR501	1901-0033	2	1	DIODE-GEN PRP 180V 200MA DO-35	03406	
CR502	1901-0033	2	1	DIODE-GEN PRP 180V 200MA DO-35	03406	
CR503	1901-1070	9	1	DIODE-PIN 110V	02062	
CR504	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR505	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR506	1901-1068	5	1	DIODE-SCHOTTKY SM SIG	02062	5082-5541
CR601	1901-1070	9	1	DIODE-PIN 110V	02062	
CR602	1901-1070	9	1	DIODE-PIN 110V	02062	
CR603	1901-1097	0	1	DIODE-PIN	02062	5082-5580
CR604	1901-1097	0	1	DIODE-PIN	02062	5082-5580
CR605	1901-1097	0	1	DIODE-PIN	02062	5082-5580
CR606	1901-1070	9	1	DIODE-PIN 110V	02062	
CR607	1901-1070	9	1	DIODE-PIN 110V	02062	
CR701	0122-0161	4	1	DIODE-VVC 2.15PF 7% C 3/C25-MIN=4.5	06337	BB405B
CR702	0122-0161	4	1	DIODE-VVC 2.15PF 7% C 3/C25-MIN=4.5	06337	BB405B

HP Part Number 08562-60168
Radio Frequency (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
CR703	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR801	1901-1097	0	1	DIODE-PIN	02062	5082-5580
CR802	1901-1097	0	1	DIODE-PIN	02062	5082-5580
CR803	1902-3005	6	1	DIODE-ZNR 2.43V 5% DO-7 PD=.4W TC=-.076%	02037	SZ30016-5
CR804	1902-3005	6	1	DIODE-ZNR 2.43V 5% DO-7 PD=.4W TC=-.076%	02037	SZ30016-5
CR901	1901-0033	2	1	DIODE-GEN PRP 180V 200MA DO-35	03406	
CR902	1901-0033	2	1	DIODE-GEN PRP 180V 200MA DO-35	03406	
E201	9170-1366	3	1	CORE-SHIELDING BEAD	03827	2743001112
E204	9170-1366	3	1	CORE-SHIELDING BEAD	03827	2743001112
E206	9170-1366	3	1	CORE-SHIELDING BEAD	03827	2743001112
E208	9170-1366	3	1	CORE-SHIELDING BEAD	03827	2743001112
E209	9170-1366	3	1	CORE-SHIELDING BEAD	03827	2743001112
E213	9170-1366	3	1	CORE-SHIELDING BEAD	03827	2743001112
E401	9170-0847	3	1	CORE-SHIELDING BEAD	28480	9170-0847
E402	9170-0847	3	1	CORE-SHIELDING BEAD	28480	9170-0847
J1	1252-1064	4	1	CONN-POST TYPE .100-PIN-SPCG 50-CONT	01380	1-746878-0
J2	1252-1064	4	1	CONN-POST TYPE .100-PIN-SPCG 50-CONT	01380	1-746878-0
J101	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	07247	59S213-40TD3
J200	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J301	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	07247	59S213-40TD3
J302	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	07247	59S213-40TD3
J303	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	07247	59S213-40TD3
J304	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	07247	59S213-40TD3
J305	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	07247	59S213-40TD3
J306	1252-0099	3	1	CONN-POST TYPE .100-PIN-SPCG 4-CONT	01380	641216-4
J400	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J501	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	07247	59S213-40TD3
J502	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J601	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	07247	59S213-40TD3
J602	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J701	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	07247	59S213-40TD3
J702	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	07247	59S213-40TD3
J801	1250-0257	1	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	28480	1250-0257
J802	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	07247	59S213-40TD3
J803	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	07247	59S213-40TD3

**Indicates factory-selected value*

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HP Part Number 08562-60168
Radio Frequency (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
J901	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
L101	9100-0539	3	1	INDUCTOR RF-CH-MLD 10UH +5%	03706	21001M-5%
L102	9100-2256	5	1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%
L103	9100-0539	3	1	INDUCTOR RF-CH-MLD 10UH +5%	03706	21001M-5%
L104	9100-2256	5	1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%
L105	9100-2252	1	1	INDUCTOR RF-CH-MLD 270NH +10%	03706	1A2703M+10%
L106	9100-2262	3	1	INDUCTOR RF-CH-MLD 3.9UH +10%	03706	1A3902M+10%
L110	9100-2265	6	1	INDUCTOR RF-CH-MLD 10UH +10%	05826	1025-44
L111	9100-2262	3	1	INDUCTOR RF-CH-MLD 3.9UH +10%	03706	1A3902M+10%
L150	9100-2247	4	1	INDUCTOR RF-CH-MLD 100NH +10%	03706	1A1003M+10%
L151	9135-0078	8	1	INDUCTOR RF-CH-MLD 82NH +5.61%	02172	
L153	9100-2247	4	1	INDUCTOR RF-CH-MLD 100NH +10%	03706	1A1003M+10%
L155	9135-0078	8	1	INDUCTOR RF-CH-MLD 82NH +5.61%	02172	
L200	9140-0158	6	1	INDUCTOR RF-CH-MLD 1UH +10%	03706	1A1002M +10%
L202	9100-2256	5	1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%
L203	9100-2891	4	1	INDUCTOR RF-CH-MLD 50NH +10%	03706	6-02729
L205	9100-2891	4	1	INDUCTOR RF-CH-MLD 50NH +10%	03706	6-02729
L207	9100-2247	4	1	INDUCTOR RF-CH-MLD 100NH +10%	03706	1A1003M+10%
L210	9100-0539	3	1	INDUCTOR RF-CH-MLD 10UH +5%	03706	21001M-5%
L211	9100-0539	3	1	INDUCTOR RF-CH-MLD 10UH +5%	03706	21001M-5%
L212	9100-2891	4	1	INDUCTOR RF-CH-MLD 50NH +10%	03706	6-02729
L214	9100-2891	4	1	INDUCTOR RF-CH-MLD 50NH +10%	03706	6-02729
L301	9100-0539	3	1	INDUCTOR RF-CH-MLD 10UH +5%	03706	21001M-5%
L303	9100-0539	3	1	INDUCTOR RF-CH-MLD 10UH +5%	03706	21001M-5%
L304	9140-0141	7	1	INDUCTOR RF-CH-MLD 680NH +10%	05826	1025-16
L400	9100-2891	4	1	INDUCTOR RF-CH-MLD 50NH +10%	03706	6-02729
L401	9100-2256	5	1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%
L402	9100-2256	5	1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%
L403	9100-2256	5	1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%
L404	9100-2254	3	1	INDUCTOR RF-CH-MLD 390NH +10%	03706	1A3903M+10%
L405	9100-2256	5	1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%
L406	9100-2254	3	1	INDUCTOR RF-CH-MLD 390NH +10%	03706	1A3903M+10%
L407	9100-2249	6	1	INDUCTOR RF-CH-MLD 150NH +10%	03706	1A1503M+10%
L408	9100-2256	5	1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%
L409	9100-2256	5	1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%

HP Part Number 08562-60168
Radio Frequency (continued)

Reference Designator	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
L410	9100-2256	5		1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%
L411	9100-2256	5		1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%
L412	9100-2256	5		1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%
L413	9100-2256	5		1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%
L414	9100-2256	5		1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%
L415	9100-2258	7		1	INDUCTOR RF-CH-MLD 1.2UH +10%	05826	1025-22
L416	9100-2256	5		1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%
L417	9140-0210	1		1	INDUCTOR RF-CH-MLD 100UH +5%	05826	1537-76
L418	9100-0539	3		1	INDUCTOR RF-CH-MLD 10UH +5%	03706	21001M-5%
L419	9100-2256	5		1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%
L420	9100-0539	3		1	INDUCTOR RF-CH-MLD 10UH +5%	03706	21001M-5%
L421	9100-0539	3		1	INDUCTOR RF-CH-MLD 10UH +5%	03706	21001M-5%
L422	9100-0539	3		1	INDUCTOR RF-CH-MLD 10UH +5%	03706	21001M-5%
L423	9100-0539	3		1	INDUCTOR RF-CH-MLD 10UH +5%	03706	21001M-5%
L424	9100-0539	3		1	INDUCTOR RF-CH-MLD 10UH +5%	03706	21001M-5%
L501	9100-2891	4		1	INDUCTOR RF-CH-MLD 50NH +10%	03706	6-02729
L502	9100-2891	4		1	INDUCTOR RF-CH-MLD 50NH +10%	03706	6-02729
L503	9135-0077	7		1	INDUCTOR 36NH +6.389% 2.6D-MMX6.6LG-MM	03273	10M036X-1
L504	9140-0141	7		1	INDUCTOR RF-CH-MLD 680NH +10%	05826	1025-16
L505	9135-0075	5		1	INDUCTOR RF-CH-MLD 43NH +6.047%	02172	
L506	9100-2256	5		1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%
L507	9100-2256	5		1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+10%
L508	9100-0539	3		1	INDUCTOR RF-CH-MLD 10UH +5%	03706	21001M-5%
L509	9100-0539	3		1	INDUCTOR RF-CH-MLD 10UH +5%	03706	21001M-5%
L510	9100-0539	3		1	INDUCTOR RF-CH-MLD 10UH +5%	03706	21001M-5%
L511	9100-0539	3		1	INDUCTOR RF-CH-MLD 10UH +5%	03706	21001M-5%
L512	9100-0539	3		1	INDUCTOR RF-CH-MLD 10UH +5%	03706	21001M-5%
L601	9100-2486	3		1	INDUCTOR RF-CH-MLD 330NH +5%	03706	23303M-5%
L602	9100-2486	3		1	INDUCTOR RF-CH-MLD 330NH +5%	03706	23303M-5%
L603	9100-3913	3		1	INDUCTOR RF-CH-MLD 3.3UH +5%	03706	23302M-5%
L604	9140-0144	0		1	INDUCTOR RF-CH-MLD 4.7UH +10%	05826	1025-36
L605	9140-0141	7		1	INDUCTOR RF-CH-MLD 680NH +10%	05826	1025-16
L606	9100-2250	9		1	INDUCTOR RF-CH-MLD 180NH +10%	03706	1A1803M+10%
L607	9140-1048	5		1	INDUCTOR 23NH +5% .23W-INX.38LG-IN Q=64	01886	BUGS/132-2.5T
L608	9140-0141	7		1	INDUCTOR RF-CH-MLD 680NH +10%	05826	1025-16

**Indicates factory-selected value*

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HP Part Number 08562-60168
Radio Frequency (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
L609	9100-0539	3	1	INDUCTOR RF-CH-MLD 10UH +5%	03706	21001M-5%
L610	9140-0144	0	1	INDUCTOR RF-CH-MLD 4.7UH +10%	05826	1025-36
L611	9140-0144	0	1	INDUCTOR RF-CH-MLD 4.7UH +10%	05826	1025-36
L701	9100-2251	0	1	INDUCTOR RF-CH-MLD 220NH +10%	03706	1A2203M+-10%
L702	9100-2251	0	1	INDUCTOR RF-CH-MLD 220NH +10%	03706	1A2203M+-10%
L703	9100-2249	6	1	INDUCTOR RF-CH-MLD 150NH +10%	03706	1A1503M+-10%
L704	9140-0800	5	1	INDUCTOR 16NH +-5% .23W-INX.38LG-IN Q=60	01886	BUGS/132-1.5T
L706	9100-2891	4	1	INDUCTOR RF-CH-MLD 50NH +10%	03706	6-02729
L709	8159-0005	0	1	RESISTOR 0 CWM	01339	L-2007-1
L801	9100-2252	1	1	INDUCTOR RF-CH-MLD 270NH +10%	03706	1A2703M+-10%
L802	9100-2252	1	1	INDUCTOR RF-CH-MLD 270NH +10%	03706	1A2703M+-10%
L803	9100-2256	5	1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+-10%
L804	9100-2256	5	1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+-10%
L805	9100-2256	5	1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M+-10%
L806	9100-0539	3	1	INDUCTOR RF-CH-MLD 10UH +5%	03706	21001M-5%
L901	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
L902	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
L903	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
L904	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
MP2	0380-2056	6	6	SPACER-RVT-ON 17.5-MM-LG 3.8-MM-ID	02121	
MP5	5021-6739	5	1		28480	5021-6739
MP6	5021-6740	8	1		28480	5021-6740
MP7	5022-0047	8	1		28480	5022-0047
MP8	5022-0046	7	1		28480	5022-0046
MP9	5021-6735	1	1		28480	5021-6735
MP10	5021-6736	2	1		28480	5021-6736
MP11	1200-0173	5	4	INSULATOR-XSTR DAP-GL	02210	A-10001 DAP
MP12	5041-7283	8	1		28480	5041-7283
MP13	0624-0099	1	1	SCREW-TPG 4-40 .375-IN-LG PAN-HD-POZI	04525	
MP15	0340-1173	2	1	INSULATOR 0.015 IN THK G-10 MATERIAL	02739	B14-047-02
MP16	1400-0866	7	1	CLAMP-CABLE .187-DIA .25-WD NYL	07158	C61332AA
MP17	0515-1934	4	2	SCREW-MACHINE ASSEMBLY M2.5 X 0.45	05610	
MP18	0515-0367	5	3	SCREW-MACHINE ASSEMBLY M2.5 X 0.45	05610	
Q200	1854-1175	4	1	TRANSISTOR NPN SI TO-39 PD=2.5W	02037	MRF586
Q201	1854-0720	3	1	TRANSISTOR NPN SI PD=500MW FT=4GHZ	06337	BFR96S/02

HP Part Number 08562-60168
Radio Frequency (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
Q202	1854-0345	8	1	TRANSISTOR NPN 2N5179 SI TO-72 PD=200MW	02037	2N5179
Q203	1854-0632	6	1	TRANSISTOR NPN SI PD=180MW FT=4GHZ	02037	SRF2901
Q301	1854-0215	1	1	TRANSISTOR NPN SI TO-92 PD=625MW	02037	2N3904
Q400	1854-0720	3	1	TRANSISTOR NPN SI PD=500MW FT=4GHZ	06337	BFR96S/02
Q401	1854-0632	6	1	TRANSISTOR NPN SI PD=180MW FT=4GHZ	02037	SRF2901
Q402	1853-0405	9	1	TRANSISTOR PNP SI PD=360MW FT=850MHZ	02037	2N4209
Q403	1853-0281	9	1	TRANSISTOR PNP 2N2907A SI TO-18 PD=400MW	02037	2N2907A
Q501	1854-0720	3	1	TRANSISTOR NPN SI PD=500MW FT=4GHZ	06337	BFR96S/02
Q502	1854-0720	3	1	TRANSISTOR NPN SI PD=500MW FT=4GHZ	06337	BFR96S/02
Q503	1854-0720	3	1	TRANSISTOR NPN SI PD=500MW FT=4GHZ	06337	BFR96S/02
Q504	1854-0632	6	1	TRANSISTOR NPN SI PD=180MW FT=4GHZ	02037	SRF2901
Q505	1854-0632	6	1	TRANSISTOR NPN SI PD=180MW FT=4GHZ	02037	SRF2901
Q506	1853-0405	9	1	TRANSISTOR PNP SI PD=360MW FT=850MHZ	02037	2N4209
Q601	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q602	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q603	1854-0378	7	1	TRANSISTOR NPN 2N5109 SI TO-39 PD=800MW	02037	2N5109
Q604	1854-0345	8	1	TRANSISTOR NPN 2N5179 SI TO-72 PD=200MW	02037	2N5179
Q701	1854-0946	5	1	TRANSISTOR NPN SI PD=290MW	00039	NE02135
Q702	1854-0632	6	1	TRANSISTOR NPN SI PD=180MW FT=4GHZ	02037	SRF2901
Q703	1853-0451	5	1	TRANSISTOR PNP 2N3799 SI TO-18 PD=360MW	02037	ST1468
Q704	1853-0451	5	1	TRANSISTOR PNP 2N3799 SI TO-18 PD=360MW	02037	ST1468
R100	0698-7242	5	1	RESISTOR 1.78K +1% .05W TF TC=0+-100	05524	CMF-50-2
R101	0698-7282	3	1	RESISTOR 82.5K +1% .05W TF TC=0+-100	05524	CMF-50-2
R102	0698-7282	3	1	RESISTOR 82.5K +1% .05W TF TC=0+-100	05524	CMF-50-2
R103	0698-7284	5	1	RESISTOR 100K +1% .05W TF TC=0+-100	05524	CMF-50-2
R104	0698-7284	5	1	RESISTOR 100K +1% .05W TF TC=0+-100	05524	CMF-50-2
R105	0698-7282	3	1	RESISTOR 82.5K +1% .05W TF TC=0+-100	05524	CMF-50-2
R106	0698-7282	3	1	RESISTOR 82.5K +1% .05W TF TC=0+-100	05524	CMF-50-2
R108	0698-7243	6	1	RESISTOR 1.96K +1% .05W TF TC=0+-100	05524	CMF-50-2
R109	0698-7201	6	1	RESISTOR 34.8 +1% .05W TF TC=0+-100	05524	CMF-50-2
R110	0698-7201	6	1	RESISTOR 34.8 +1% .05W TF TC=0+-100	05524	CMF-50-2
R111	0698-7236	7	1	RESISTOR 1K +1% .05W TF TC=0+-100	05524	CMF-50-2
R112	0698-7188	8	1	RESISTOR 10 +1% .05W TF TC=0+-100	05524	CMF-50-2
R113	0698-7243	6	1	RESISTOR 1.96K +1% .05W TF TC=0+-100	05524	CMF-50-2
R114	0698-7188	8	1	RESISTOR 10 +1% .05W TF TC=0+-100	05524	CMF-50-2

**Indicates factory-selected value*

CLIP 08562-90194 Radio Frequency 15

HP Part Number 08562-60168
Radio Frequency (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R115	0698-7214	1	1	RESISTOR 121 $\pm 1\%$.05W TF TC=0 \pm -100	05524	CMF-50-2
R150	0698-7229	8	1	RESISTOR 511 $\pm 1\%$.05W TF TC=0 \pm -100	05524	CMF-50-2
R151	0698-7229	8	1	RESISTOR 511 $\pm 1\%$.05W TF TC=0 \pm -100	05524	CMF-50-2
R152	0698-7221	0	1	RESISTOR 237 $\pm 1\%$.05W TF TC=0 \pm -100	05524	CMF-50-2
R153	0698-7261	8	1	RESISTOR 11K $\pm 1\%$.05W TF TC=0 \pm -100	05524	CMF-50-2
R154	0698-7236	7	1	RESISTOR 1K $\pm 1\%$.05W TF TC=0 \pm -100	05524	CMF-50-2
R155	0698-7229	8	1	RESISTOR 511 $\pm 1\%$.05W TF TC=0 \pm -100	05524	CMF-50-2
R156	0698-7228	7	1	RESISTOR 464 $\pm 1\%$.05W TF TC=0 \pm -100	05524	CMF-50-2
R157	0698-7212	9	1	RESISTOR 100 $\pm 1\%$.05W TF TC=0 \pm -100	05524	CMF-50-2
R170	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm -100	05524	CMF-50-2
R200	0698-3405	4	1	RESISTOR 422 $\pm 1\%$.5W TF TC=0 \pm -100	05524	CMF-65-2
R201	0757-0401	0	1	RESISTOR 100 $\pm 1\%$.125W TF TC=0 \pm -100	05524	CMF-55-1
R202	0757-0394	0	1	RESISTOR 51.1 $\pm 1\%$.125W TF TC=0 \pm -100	05524	CMF-55-1
R203	0757-0280	3	1	RESISTOR 1K $\pm 1\%$.125W TF TC=0 \pm -100	05524	CMF-55-1
R204	0757-0398	4	1	RESISTOR 75 $\pm 1\%$.125W TF TC=0 \pm -100	05524	CMF-55-1
R205	0757-0394	0	1	RESISTOR 51.1 $\pm 1\%$.125W TF TC=0 \pm -100	05524	CMF-55-1
R206	0757-0180	2	1	RESISTOR 31.6 $\pm 1\%$.125W TF TC=0 \pm -100	05524	CMF-55-1
R207	0757-0442	9	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm -100	05524	CMF-55-1
R208	0757-0442	9	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm -100	05524	CMF-55-1
R209	0757-0280	3	1	RESISTOR 1K $\pm 1\%$.125W TF TC=0 \pm -100	05524	CMF-55-1
R210	0757-0274	5	1	RESISTOR 1.21K $\pm 1\%$.125W TF TC=0 \pm -100	05524	CMF-55-1
R211	0698-3429	2	1	RESISTOR 19.6 $\pm 1\%$.125W TF TC=0 \pm -100	05524	CMF-55-1
R212	0757-0276	7	1	RESISTOR 61.9 $\pm 1\%$.125W TF TC=0 \pm -100	05524	CMF-55-1
R213	0757-0276	7	1	RESISTOR 61.9 $\pm 1\%$.125W TF TC=0 \pm -100	05524	CMF-55-1
R214	0757-0442	9	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm -100	05524	CMF-55-1
R215	0698-7195	7	1	RESISTOR 19.6 $\pm 1\%$.05W TF TC=0 \pm -100	05524	CMF-50-2
R216	0757-0416	7	1	RESISTOR 511 $\pm 1\%$.125W TF TC=0 \pm -100	05524	CMF-55-1
R217	0757-0317	7	1	RESISTOR 1.33K $\pm 1\%$.125W TF TC=0 \pm -100	05524	CMF-55-1
R218	0757-0394	0	1	RESISTOR 51.1 $\pm 1\%$.125W TF TC=0 \pm -100	05524	CMF-55-1
R219	0757-0401	0	1	RESISTOR 100 $\pm 1\%$.125W TF TC=0 \pm -100	05524	CMF-55-1
R220	0757-0442	9	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm -100	05524	CMF-55-1
R221	0757-0401	0	1	RESISTOR 100 $\pm 1\%$.125W TF TC=0 \pm -100	05524	CMF-55-1
R222	0698-3444	1	1	RESISTOR 316 $\pm 1\%$.125W TF TC=0 \pm -100	05524	CMF-55-1
R223	0757-0401	0	1	RESISTOR 100 $\pm 1\%$.125W TF TC=0 \pm -100	05524	CMF-55-1
R224	0757-0401	0	1	RESISTOR 100 $\pm 1\%$.125W TF TC=0 \pm -100	05524	CMF-55-1

**HP Part Number 08562-60168
Radio Frequency (continued)**

Reference Designator	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
R225	0757-0397	3		1	RESISTOR 68.1 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R226	0757-0428	1		1	RESISTOR 1.62K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R227	0757-0428	1		1	RESISTOR 1.62K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R228	0698-3132	4		1	RESISTOR 261 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R229	0698-3434	9		1	RESISTOR 34.8 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R230	0757-0442	9		1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R231	0698-3440	7		1	RESISTOR 196 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R232	0757-0401	0		1	RESISTOR 100 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R233	0757-0401	0		1	RESISTOR 100 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R234	0757-0397	3		1	RESISTOR 68.1 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R235	0757-0442	9		1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R236	0757-0276	7		1	RESISTOR 61.9 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R237	2100-4208	4		1	RESISTOR-TRMR 200 10% TKF TOP-ADJ 1-TRN	03744	3329H-DM3-201
R238	0698-7196	8		1	RESISTOR 21.5 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R301	0698-3150	6		1	RESISTOR 2.37K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R302	0757-0422	5		1	RESISTOR 909 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R303	0698-3150	6		1	RESISTOR 2.37K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R304	0698-3132	4		1	RESISTOR 261 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R305	0757-0394	0		1	RESISTOR 51.1 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R306	0757-0401	0		1	RESISTOR 100 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R307	0698-0083	8		1	RESISTOR 1.96K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R308	0698-3444	1		1	RESISTOR 316 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R309	0698-3444	1		1	RESISTOR 316 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R310	0757-0394	0		1	RESISTOR 51.1 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R311	0698-3445	2		1	RESISTOR 348 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R312	0698-3132	4		1	RESISTOR 261 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R313	0757-0317	7		1	RESISTOR 1.33K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R314	0698-0084	9		1	RESISTOR 2.15K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R315	0698-3132	4		1	RESISTOR 261 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R316	0757-0401	0		1	RESISTOR 100 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R317	0698-3437	2		1	RESISTOR 133 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R318	0757-0420	3		1	RESISTOR 750 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R319	0757-0280	3		1	RESISTOR 1K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R320	0757-0280	3		1	RESISTOR 1K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R321	0757-0422	5		1	RESISTOR 909 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1

**Indicates factory-selected value*

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HP Part Number 08562-60168
Radio Frequency (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
R322	0698-3437	2	1	RESISTOR 133 +1% .125W TF TC=0+-100	05524	CMF-55-1
R323	0757-0394	0	1	RESISTOR 51.1 +1% .125W TF TC=0+-100	05524	CMF-55-1
R324	0757-0422	5	1	RESISTOR 909 +1% .125W TF TC=0+-100	05524	CMF-55-1
R325	0698-3437	2	1	RESISTOR 133 +1% .125W TF TC=0+-100	05524	CMF-55-1
R326	0698-3156	2	1	RESISTOR 14.7K +1% .125W TF TC=0+-100	05524	CMF-55-1
R327	0698-3447	4	1	RESISTOR 422 +1% .125W TF TC=0+-100	05524	CMF-55-1
R328	0757-0278	9	1	RESISTOR 1.78K +1% .125W TF TC=0+-100	05524	CMF-55-1
R329	0698-3446	3	1	RESISTOR 383 +1% .125W TF TC=0+-100	05524	CMF-55-1
R330	0757-0802	5	1	RESISTOR 162 +1% .5W TF TC=0+-100	05524	CMF-65-2
R400	0757-0401	0	1	RESISTOR 100 +1% .125W TF TC=0+-100	05524	CMF-55-1
R401	0757-0401	0	1	RESISTOR 100 +1% .125W TF TC=0+-100	05524	CMF-55-1
R402	0757-0397	3	1	RESISTOR 68.1 +1% .125W TF TC=0+-100	05524	CMF-55-1
R403	0757-0428	1	1	RESISTOR 1.62K +1% .125W TF TC=0+-100	05524	CMF-55-1
R404	0698-3440	7	1	RESISTOR 196 +1% .125W TF TC=0+-100	05524	CMF-55-1
R405	0757-0428	1	1	RESISTOR 1.62K +1% .125W TF TC=0+-100	05524	CMF-55-1
R406	0698-3132	4	1	RESISTOR 261 +1% .125W TF TC=0+-100	05524	CMF-55-1
R407	0698-3434	9	1	RESISTOR 34.8 +1% .125W TF TC=0+-100	05524	CMF-55-1
R408	0757-0401	0	1	RESISTOR 100 +1% .125W TF TC=0+-100	05524	CMF-55-1
R409	0757-0401	0	1	RESISTOR 100 +1% .125W TF TC=0+-100	05524	CMF-55-1
R410	0757-0397	3	1	RESISTOR 68.1 +1% .125W TF TC=0+-100	05524	CMF-55-1
R411	0698-3438	3	1	RESISTOR 147 +1% .125W TF TC=0+-100	05524	CMF-55-1
R412	0757-0419	0	1	RESISTOR 681 +1% .125W TF TC=0+-100	05524	CMF-55-1
R413	0757-0400	9	1	RESISTOR 90.9 +1% .125W TF TC=0+-100	05524	CMF-55-1
R414	0757-0400	9	1	RESISTOR 90.9 +1% .125W TF TC=0+-100	05524	CMF-55-1
R415	0698-3437	2	1	RESISTOR 133 +1% .125W TF TC=0+-100	05524	CMF-55-1
R416	0698-3437	2	1	RESISTOR 133 +1% .125W TF TC=0+-100	05524	CMF-55-1
R417	0698-4037	0	1	RESISTOR 46.4 +1% .125W TF TC=0+-100	05524	CMF-55-1
R418	0757-0394	0	1	RESISTOR 51.1 +1% .125W TF TC=0+-100	05524	CMF-55-1
R419	0757-0394	0	1	RESISTOR 51.1 +1% .125W TF TC=0+-100	05524	CMF-55-1
R420	0757-0394	0	1	RESISTOR 51.1 +1% .125W TF TC=0+-100	05524	CMF-55-1
R421	0757-0317	7	1	RESISTOR 1.33K +1% .125W TF TC=0+-100	05524	CMF-55-1
R422	0757-0346	2	1	RESISTOR 10 +1% .125W TF TC=0+-100	05524	CMF-55-1
R423	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+-100	05524	CMF-55-1
R424	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+-100	05524	CMF-55-1
R425	0698-3434	9	1	RESISTOR 34.8 +1% .125W TF TC=0+-100	05524	CMF-55-1

HP Part Number 08562-60168
Radio Frequency (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R426	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R427	0698-0085	0	1	RESISTOR 2.61K +1% .125W TF TC=0+-100	05524	CMF-55-1
R428	0698-0082	7	1	RESISTOR 464 +1% .125W TF TC=0+-100	05524	CMF-55-1
R429	0698-0082	7	1	RESISTOR 464 +1% .125W TF TC=0+-100	05524	CMF-55-1
R430	0698-0083	8	1	RESISTOR 1.96K +1% .125W TF TC=0+-100	05524	CMF-55-1
R431	0698-0083	8	1	RESISTOR 1.96K +1% .125W TF TC=0+-100	05524	CMF-55-1
R432	0757-0274	5	1	RESISTOR 1.21K +1% .125W TF TC=0+-100	05524	CMF-55-1
R433	0698-0083	8	1	RESISTOR 1.96K +1% .125W TF TC=0+-100	05524	CMF-55-1
R434	0698-0083	8	1	RESISTOR 1.96K +1% .125W TF TC=0+-100	05524	CMF-55-1
R435	0698-3437	2	1	RESISTOR 133 +1% .125W TF TC=0+-100	05524	CMF-55-1
R436	0698-3429	2	1	RESISTOR 19.6 +1% .125W TF TC=0+-100	05524	CMF-55-1
R437	0698-3440	7	1	RESISTOR 196 +1% .125W TF TC=0+-100	05524	CMF-55-1
R438	0757-0346	2	1	RESISTOR 10 +1% .125W TF TC=0+-100	05524	CMF-55-1
R439	0698-3444	1	1	RESISTOR 316 +1% .125W TF TC=0+-100	05524	CMF-55-1
R443	0698-8812	7	1	RESISTOR 1 +1% .125W TF TC=0+-100	05524	CMF-55-1
R444	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+-100	05524	CMF-55-1
R445	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+-100	05524	CMF-55-1
R446	0757-0401	0	1	RESISTOR 100 +1% .125W TF TC=0+-100	05524	CMF-55-1
R447	0698-3156	2	1	RESISTOR 14.7K +1% .125W TF TC=0+-100	05524	CMF-55-1
R448	0757-0443	0	1	RESISTOR 11K +1% .125W TF TC=0+-100	05524	CMF-55-1
R449	0757-0418	9	1	RESISTOR 619 +1% .125W TF TC=0+-100	05524	CMF-55-1
R451	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+-100	05524	CMF-55-1
R452	0757-0416	7	1	RESISTOR 511 +1% .125W TF TC=0+-100	05524	CMF-55-1
R453	2100-4208	4	1	RESISTOR-TRMR 200 10% TKF TOP-ADJ 1-TRN	03744	3329H-DM3-201
R454	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+-100	05524	CMF-55-1
R455	0757-0401	0	1	RESISTOR 100 +1% .125W TF TC=0+-100	05524	CMF-55-1
R456	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R457	0757-0416	7	1	RESISTOR 511 +1% .125W TF TC=0+-100	05524	CMF-55-1
R458	0757-0464	5	1	RESISTOR 90.9K +1% .125W TF TC=0+-100	05524	CMF-55-1
R459	0757-0464	5	1	RESISTOR 90.9K +1% .125W TF TC=0+-100	05524	CMF-55-1
R460	0698-0085	0	1	RESISTOR 2.61K +1% .125W TF TC=0+-100	05524	CMF-55-1
R461	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R462	0698-6360	6	1	RESISTOR 10K +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R463	0698-6360	6	1	RESISTOR 10K +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R464	0698-6360	6	1	RESISTOR 10K +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9

**Indicates factory-selected value*

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HP Part Number 08562-60168
Radio Frequency (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R465	0698-0083	8	1	RESISTOR 1.96K +1% .125W TF TC=0+-100	05524	CMF-55-1
R466	0757-0394	0	1	RESISTOR 51.1 +1% .125W TF TC=0+-100	05524	CMF-55-1
R467	0698-0084	9	1	RESISTOR 2.15K +1% .125W TF TC=0+-100	05524	CMF-55-1
R468	0698-3155	1	1	RESISTOR 4.64K +1% .125W TF TC=0+-100	05524	CMF-55-1
R478	0698-3440	7	1	RESISTOR 196 +1% .125W TF TC=0+-100	05524	CMF-55-1
R479	0698-3441	8	1	RESISTOR 215 +1% .125W TF TC=0+-100	05524	CMF-55-1
R480	0698-3442	9	1	RESISTOR 237 +1% .125W TF TC=0+-100	05524	CMF-55-1
R481	0698-3443	0	1	RESISTOR 287 +1% .125W TF TC=0+-100	05524	CMF-55-1
R482	0698-3444	1	1	RESISTOR 316 +1% .125W TF TC=0+-100	05524	CMF-55-1
R483	0698-3445	2	1	RESISTOR 348 +1% .125W TF TC=0+-100	05524	CMF-55-1
R484	0698-3446	3	1	RESISTOR 383 +1% .125W TF TC=0+-100	05524	CMF-55-1
R485	0698-3447	4	2	RESISTOR 422 +1% .125W TF TC=0+-100	05524	CMF-55-1
R486	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R487	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R488	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R489	0757-0400	9	1	RESISTOR 90.9 +1% .125W TF TC=0+-100	05524	CMF-55-1
R501	0757-0403	2	1	RESISTOR 121 +1% .125W TF TC=0+-100	05524	CMF-55-1
R502	0757-0403	2	1	RESISTOR 121 +1% .125W TF TC=0+-100	05524	CMF-55-1
R503	0757-0394	0	1	RESISTOR 51.1 +1% .125W TF TC=0+-100	05524	CMF-55-1
R504	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R505	0698-3446	3	1	RESISTOR 383 +1% .125W TF TC=0+-100	05524	CMF-55-1
R506	0698-0084	9	1	RESISTOR 2.15K +1% .125W TF TC=0+-100	05524	CMF-55-1
R507	0698-3132	4	1	RESISTOR 261 +1% .125W TF TC=0+-100	05524	CMF-55-1
R509	0757-0394	0	1	RESISTOR 51.1 +1% .125W TF TC=0+-100	05524	CMF-55-1
R510	0757-0317	7	1	RESISTOR 1.33K +1% .125W TF TC=0+-100	05524	CMF-55-1
R511	0698-3153	9	1	RESISTOR 3.83K +1% .125W TF TC=0+-100	05524	CMF-55-1
R512	0698-3444	1	1	RESISTOR 316 +1% .125W TF TC=0+-100	05524	CMF-55-1
R513	0698-3444	1	1	RESISTOR 316 +1% .125W TF TC=0+-100	05524	CMF-55-1
R514	0757-0394	0	1	RESISTOR 51.1 +1% .125W TF TC=0+-100	05524	CMF-55-1
R515	0698-3440	7	1	RESISTOR 196 +1% .125W TF TC=0+-100	05524	CMF-55-1
R516	0757-0274	5	1	RESISTOR 1.21K +1% .125W TF TC=0+-100	05524	CMF-55-1
R517	0698-3444	1	1	RESISTOR 316 +1% .125W TF TC=0+-100	05524	CMF-55-1
R518	0757-0346	2	1	RESISTOR 10 +1% .125W TF TC=0+-100	05524	CMF-55-1
R519	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R520	0698-8812	7	1	RESISTOR 1 +1% .125W TF TC=0+-100	05524	CMF-55-1

HP Part Number 08562-60168
Radio Frequency (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R521	0757-0346	2	1	RESISTOR 10 +1% .125W TF TC=0+-100	05524	CMF-55-1
R522	0757-0398	4	1	RESISTOR 75 +1% .125W TF TC=0+-100	05524	CMF-55-1
R523	0698-3150	6	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R524	0698-3437	2	1	RESISTOR 133 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R525	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R526	0757-0424	7	1	RESISTOR 1.1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R527	0757-0418	9	1	RESISTOR 619 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R528	0698-3440	7	1	RESISTOR 196 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R529	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R530	0757-0180	2	1	RESISTOR 31.6 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R531	0757-0405	4	1	RESISTOR 162 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R532	0757-0405	4	1	RESISTOR 162 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R533	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R534	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R535	0698-3447	4	2	RESISTOR 422 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R536	0698-3438	3	1	RESISTOR 147 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R537	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R538	0698-3132	4	1	RESISTOR 261 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R539	0757-0382	6	1	RESISTOR 16.2 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R540	0698-3443	0	1	RESISTOR 287 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R541	0698-7188	8	1	RESISTOR 10 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R543	0698-3443	0	1	RESISTOR 287 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R544	0757-0294	9	1	RESISTOR 17.8 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R545	0698-3444	1	1	RESISTOR 316 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R546	0698-0085	0	1	RESISTOR 2.61K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R547	0757-0416	7	1	RESISTOR 511 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R548	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R549	0757-0397	3	1	RESISTOR 68.1 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R550	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R551	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R552	0757-0394	0	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R553	0757-0416	7	1	RESISTOR 511 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R554	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R555	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R556	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1

**Indicates factory-selected value*

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HP Part Number 08562-60168
Radio Frequency (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
R557	0757-0416	7	1	RESISTOR 511 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R558	0757-0401	0	1	RESISTOR 100 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R559	0757-0416	7	1	RESISTOR 511 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R560	0698-7212	9	1	RESISTOR 100 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R561	2100-3617	7	1	RESISTOR-TRMR 500 10% TKF TOP-ADJ 17-TRN	04568	68WR500
R562	0698-7246	9	1	RESISTOR 2.61K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R563	0698-7250	5	1	RESISTOR 3.83K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R564	0757-0280	3	1	RESISTOR 1K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R565	0698-7236	7	1	RESISTOR 1K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R566	0698-7242	5	1	RESISTOR 1.78K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R567	0757-0280	3	1	RESISTOR 1K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R568	0698-0082	7	1	RESISTOR 464 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R569	0698-0082	7	1	RESISTOR 464 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R570	0757-0280	3	1	RESISTOR 1K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R571	0757-0416	7	1	RESISTOR 511 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R572	0757-0280	3	1	RESISTOR 1K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R573	0757-0416	7	1	RESISTOR 511 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R574	0698-8822	9	1	RESISTOR 6.81 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R575	0757-0405	4	1	RESISTOR 162 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R576	0757-0442	9	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R577	0757-0442	9	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R578	0757-0442	9	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R579	0757-0442	9	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R580	0757-0288	1	1	RESISTOR 9.09K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R581	0757-0288	1	1	RESISTOR 9.09K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R582	0698-7929	5	1	RESISTOR 9.09K $\pm 0.1\%$.125W TF TC=0 \pm 50	05524	CMF-55-1, T-2
R583	0698-6963	5	1	RESISTOR 5.55K $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R584	0698-7233	4	1	RESISTOR 750 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R601	0698-7205	0	1	RESISTOR 51.1 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R602	0698-3440	7	1	RESISTOR 196 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R603	0698-0082	7	1	RESISTOR 464 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R604	0757-0317	7	1	RESISTOR 1.33K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R605	0698-3438	3	1	RESISTOR 147 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R606	0698-3438	3	1	RESISTOR 147 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R607	0757-0401	0	1	RESISTOR 100 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1

**HP Part Number 08562-60168
Radio Frequency (continued)**

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R608	0698-8822	9	1	RESISTOR 6.81 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R609	0698-3439	4	1	RESISTOR 178 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R610	0757-0421	4	1	RESISTOR 825 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R611	0698-8820	7	1	RESISTOR 4.64 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R612	0757-0274	5	1	RESISTOR 1.21K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R613	0698-3438	3	1	RESISTOR 147 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R614	0698-3438	3	1	RESISTOR 147 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R615	0757-0401	0	1	RESISTOR 100 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R616	0698-3439	4	1	RESISTOR 178 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R617	0757-0420	3	1	RESISTOR 750 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R618	0757-0428	1	1	RESISTOR 1.62K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R619	0698-3442	9	1	RESISTOR 237 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R620	0698-8818	3	1	RESISTOR 3.16 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R621	0757-0424	7	1	RESISTOR 1.1K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R622	0757-0280	3	1	RESISTOR 1K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R623	0757-0280	3	1	RESISTOR 1K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R624	0757-0422	5	1	RESISTOR 909 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R625	0698-3440	7	1	RESISTOR 196 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R626	0698-3440	7	1	RESISTOR 196 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R627	0698-3437	2	1	RESISTOR 133 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R628	0757-0442	9	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R629	0757-0442	9	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R630	0757-0442	9	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R631	0757-0442	9	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R632	0757-0442	9	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R633	0757-0442	9	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R634	0757-0442	9	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R635	0757-0422	5	1	RESISTOR 909 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R636	0757-0346	2	1	RESISTOR 10 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R637	0698-3440	7	1	RESISTOR 196 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R638	0757-0420	3	1	RESISTOR 750 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R639	0698-3442	9	1	RESISTOR 237 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R640	0698-3437	2	1	RESISTOR 133 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R641	0698-3438	3	1	RESISTOR 147 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R642	0698-3440	7	1	RESISTOR 196 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1

**Indicates factory-selected value*

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HP Part Number 08562-60168
Radio Frequency (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R643	0698-3438	3	1	RESISTOR 147 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R644	0698-3440	7	1	RESISTOR 196 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R701	0698-3445	2	1	RESISTOR 348 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R702	0757-0438	3	1	RESISTOR 5.11K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R703	0757-0438	3	1	RESISTOR 5.11K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R704	0757-0405	4	1	RESISTOR 162 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R705	0698-3132	4	1	RESISTOR 261 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R706	0698-3151	7	1	RESISTOR 2.87K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R707	0698-3151	7	1	RESISTOR 2.87K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R708	0757-0382	6	1	RESISTOR 16.2 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R709	0757-0382	6	1	RESISTOR 16.2 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R710	0698-3432	7	1	RESISTOR 26.1 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R714	0757-0442	9	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R715	0757-0442	9	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R716	0757-0400	9	1	RESISTOR 90.9 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R717	0757-0394	0	1	RESISTOR 51.1 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R718	0698-3445	2	1	RESISTOR 348 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R719	0698-3441	8	1	RESISTOR 215 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R720	0698-3441	8	1	RESISTOR 215 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R721	0757-0442	9	1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R722	0757-0403	2	1	RESISTOR 121 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R723	0698-3446	3	1	RESISTOR 383 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R724	0698-3446	3	1	RESISTOR 383 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R726	0757-0394	0	1	RESISTOR 51.1 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R801	0757-0280	3	1	RESISTOR 1K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R802	0757-0280	3	1	RESISTOR 1K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R803	0698-3439	4	1	RESISTOR 178 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R804	0698-3442	9	1	RESISTOR 237 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R805	0698-3442	9	1	RESISTOR 237 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R901	0757-0200	7	1	RESISTOR 5.62K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R902	0698-8961	7	1	RESISTOR 909K $\pm 1\%$.125W TF TC=0 \pm 100	00746	CRB14 OR CRB25
R903	0757-0440	7	1	RESISTOR 7.5K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R904	0757-0278	9	1	RESISTOR 1.78K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R905	0698-3136	8	1	RESISTOR 17.8K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R906	0698-3136	8	1	RESISTOR 17.8K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1

HP Part Number 08562-60168
Radio Frequency (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R907	0757-0278	9	1	RESISTOR 1.78K +1% .125W TF TC=0+100	05524	CMF-55-1
R908	0757-0401	0	1	RESISTOR 100 +1% .125W TF TC=0+100	05524	CMF-55-1
R909	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+100	05524	CMF-55-1
R910	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+100	05524	CMF-55-1
R911	0757-0401	0	1	RESISTOR 100 +1% .125W TF TC=0+100	05524	CMF-55-1
R912	0698-3159	5	1	RESISTOR 26.1K +1% .125W TF TC=0+100	05524	CMF-55-1
R913	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+100	05524	CMF-55-1
R914	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+100	05524	CMF-55-1
R915	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+100	05524	CMF-55-1
R916	0698-3440	7	1	RESISTOR 196 +1% .125W TF TC=0+100	05524	CMF-55-1
R917	0698-3440	7	1	RESISTOR 196 +1% .125W TF TC=0+100	05524	CMF-55-1
R918	0757-0465	6	1	RESISTOR 100K +1% .125W TF TC=0+100	05524	CMF-55-1
R919	0757-0458	7	1	RESISTOR 51.1K +1% .125W TF TC=0+100	05524	CMF-55-1
R920	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+100	05524	CMF-55-1
R921	0757-0276	7	1	RESISTOR 61.9 +1% .125W TF TC=0+100	05524	CMF-55-1
R922	0698-6360	6	1	RESISTOR 10K +0.1% .125W TF TC=0+25	05524	CMF-55-1, T-9
R923	0698-6360	6	1	RESISTOR 10K +0.1% .125W TF TC=0+25	05524	CMF-55-1, T-9
R924	0698-6630	3	1	RESISTOR 20K +0.1% .125W TF TC=0+25	05524	CMF-55-1, T-9
R925	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+100	05524	CMF-55-1
R926	2100-3863	5	1	RESISTOR-TRMR 200 10% TKF TOP-ADJ 17-TRN	03744	3299W-DM3-201
R927	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+100	05524	CMF-55-1
R929	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+100	05524	CMF-55-1
R930	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+100	05524	CMF-55-1
R931	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+100	05524	CMF-55-1
R932	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+100	05524	CMF-55-1
R933	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+100	05524	CMF-55-1
R934	0698-7276	5	1	RESISTOR 46.4K +1% .05W TF TC=0+100	05524	CMF-50-2
R935	0757-0465	6	1	RESISTOR 100K +1% .125W TF TC=0+100	05524	CMF-55-1
R936	0698-7239	0	1	RESISTOR 1.33K +1% .05W TF TC=0+100	05524	CMF-50-2
R937	0698-3151	7	1	RESISTOR 2.87K +1% .125W TF TC=0+100	05524	CMF-55-1
RT901	0837-0269	8	1	THERMISTOR TUB WITH AXL LEADS 10K-OHM	06784	P1H103
T100	9100-4772	4	1	TRANSFORMER-RF FREQ RANGE; 2 TO 600 MHz	02739	TM04-2
U100	5086-7806	5	1		28480	5086-7806
U101	1826-1945	7	1	IC DIFF AMPL 8 PIN DIP-P	02910	NE5212N
U103	1813-0213	3	1	IC WIDEBAND AMPL TO-39	02037	MWA130

**Indicates factory-selected value*

CLIP 08562-90194 Radio Frequency 25

HP Part Number 08562-60168
Radio Frequency (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
U104	1826-0915	9	1	IC OP AMP LOW-BIAS-H-IMPED 8 PIN DIP-C	02037	MC34001BU
U301	1858-0063	5	1	TRANSISTOR ARRAY 14-PIN PLSTC DIP	03799	CA3102E
U303	1820-0683	6	1	IC INV TTL/S HEX 1-INP	02910	74S04N
U304	1820-1310	8	1	IC-INTERFACE RCVR BIPOLAR LINE RCVR DUAL	28480	1820-1310
U305	1826-0539	3	1	IC V RGLTR-ADJ-POS 1.2/37V TO-39 PKG	03406	LM317H
U306	1826-0220	9	1	IC V RGLTR-FXD-NEG -4.8/-5.2V TO-39 PKG	03406	LM320H-05
U307	1826-0276	5	1	IC V RGLTR-FXD-POS 4.8/5.2V TO-92 PKG	02037	MC78L05ACP
U400	0955-0113	1	1	U-WAVE MIXER 1 GHZ MAX	02739	TFM-2-38
U401	1854-1010	6	1	TRANSISTOR-DUAL NPN PD=600MW	02037	MD918A
U402	1854-1010	6	1	TRANSISTOR-DUAL NPN PD=600MW	02037	MD918A
U403	1820-3842	5	1	IC CNTR TTL/AS BIN UP/DOWN SYNCHRO	28480	1820-3842
U404	1820-3842	5	1	IC CNTR TTL/AS BIN UP/DOWN SYNCHRO	28480	1820-3842
U405	1820-1449	4	1	IC GATE TTL/S OR QUAD 2-INP	02910	74S32N
U406	1820-0693	8	1	IC FF TTL/S D-TYPE POS-EDGE-TRIG	03406	DM74S74N
U407	1826-0718	0	1	IC V RGLTR-V-REF-ADJ 4.95/5.05V 8-DIP-C	02037	MC1404U5
U408	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U409	1820-3676	3	1	IC DCDR CMOS/HC 3-TO-8-LINE	28480	1820-3676
U410	1858-0077	1	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	02037	MPQ2222P
U411	1858-0077	1	1	TRANSISTOR ARRAY 14-PIN PLSTC TO-116	02037	MPQ2222P
U412	1810-0283	1	1	NETWORK-RES 16-DIP 270.0 OHM X 8	02483	761-3-R270
U501	1820-3485	2	1	IC PRESCR ECL	02037	MC12090P
U502	1820-3935	7	1	IC PRESCR ECL	02037	MC12009P
U503	1820-3935	7	1	IC PRESCR ECL	02037	MC12009P
U504	1820-1112	8	1	IC FF TTL/LS D-TYPE POS-EDGE-TRIG	06347	HD74LS74AP
U505	1820-1197	9	1	IC GATE TTL/LS NAND QUAD 2-INP	06347	HD74LS00P
U506	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U507	1826-1165	3	1	IC OP AMP GP DUAL 8 PIN DIP-C	03285	OP-14EZ
U601	0955-0063	0	1	U-WAVE MIXER 500 MHZ MAX	02739	SRA-1-32
U602	1GA1-8006	8	1		28480	1GA1-8006
U701	1GA1-8013	7	1		28480	1GA1-8013
U801	5086-7751	9	1		28480	5086-7751
U901	1826-0753	3	1	IC OP AMP LOW-BIAS-H-IMPED QUAD 14 PIN	02037	MC34004BL
U902	1826-0759	9	1	IC COMPARATOR GP QUAD 14 PIN DIP-C	03406	LM339J
U903	1820-4465	0	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	03799	CD74HCT377E
U904	1820-4465	0	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	03799	CD74HCT377E

**HP Part Number 08562-60168
Radio Frequency (continued)**

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
U905	1826-0752	2	1	D/A 12-BIT 16-CBRZ CMOS	03285	AD7542BD
U906	1826-1165	3	1	IC OP AMP GP DUAL 8 PIN DIP-C	03285	OP-14EZ
U907	1826-0989	7	1	IC OP AMP GP 8 PIN DIP-C	03406	LM307J
U908	1858-0008	8	1	TRANSISTOR ARRAY 14-PIN PLSTC DIP	02037	SPQ526K
X200	1200-1247	6	1	SOCKET-STRP 5-CONT SIP DIP-SLDR	05518	510-AG92D-05
X201	1200-1247	6	1	SOCKET-STRP 5-CONT SIP DIP-SLDR	05518	510-AG92D-05
X400	1200-1247	6	1	SOCKET-STRP 5-CONT SIP DIP-SLDR	05518	510-AG92D-05
X501	1200-1247	6	1	SOCKET-STRP 5-CONT SIP DIP-SLDR	05518	510-AG92D-05
X601	1200-1247	6	1	SOCKET-STRP 5-CONT SIP DIP-SLDR	05518	510-AG92D-05
X602	1200-1247	6	1	SOCKET-STRP 5-CONT SIP DIP-SLDR	05518	510-AG92D-05
X801	1200-1247	6	1	SOCKET-STRP 5-CONT SIP DIP-SLDR	05518	510-AG92D-05
X802	1200-1273	8	1	SOCKET-STRP 8-CONT DIP DIP-SLDR	06665	SDL-104-TT-12
Z200	5021-6707	7	1		28480	5021-6707

**Indicates factory-selected value*

CLIP 08562-90194 Radio Frequency 27

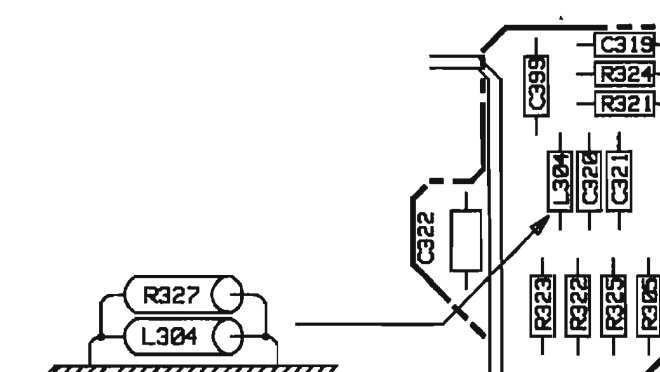
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A	AS ISSUED PER PCO 53-07442 GAR		4-29-92

NOTES: UNLESS OTHERWISE SPECIFIED

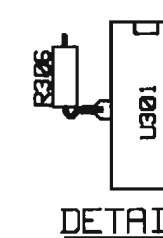
1. DIMENSIONS ARE IN INCHES.
2. MAXIMUM COMPONENT HEIGHT .472, UNDER SHIELD .400
3. MAXIMUM LEAD TRIM LENGTH .118
4. REMOVE TABS AFTER MACHINE SOLDER.
5. SCREWS FOR SHIELDS AND SPIRO-GASKETS ARE ON MATERIAL LIST FOR THE SHIELDS. MAKE SURE ALL PARTS ARE INTACT.
6. ASSURE THAT PIN #9 HAS BEEN REMOVED FROM J200, J400, J502, J602, AND J901 PRIOR TO ASSEMBLY AND MACHINE SOLDER.
7. TEST POINTS NOT SHOWN ON MATERIAL LIST ARE FOR REFERENCE ONLY.
8. USE CONFIGURATION TABLE TO DETERMINE COMPONENT DELETIONS AND ADDITIONS.

8 CONFIGURATION TABLE

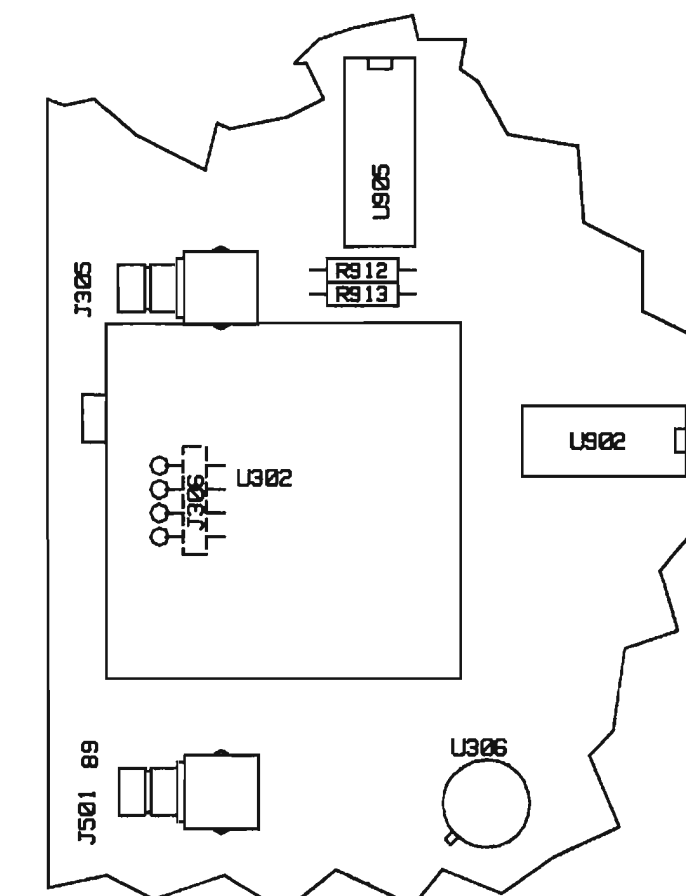
PART NO.	DELETE	ADD
00562-60169	C300 C300 C310 C311	L302 CR302
00560-60063	C312 C301 J305 J306 R305 R307 R308 R308 R310 R311 R312 R313 R314 R315 R320 R329 R381	L302 CR302 J306
00562-60168		L302 CR302



DETAIL B

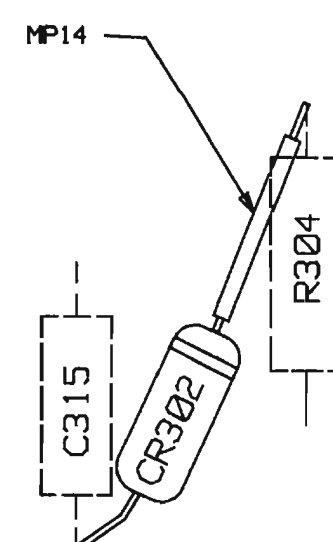


DETAIL C



DETAIL A

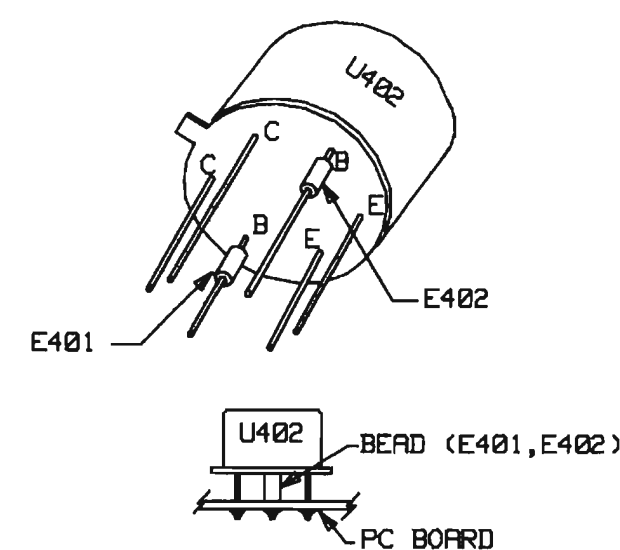
FOR VERSIONS 00562-00169 AND 00560-60063 LOAD U302 AS SHOWN
DO NOT LOAD C308-312, CR301, J306, R307-315, R328, R329, U301.
FOR VERSION 00562-00169 DO NOT LOAD J306.
FOR VERSION 00560-60063 LOAD J306 ON OPPOSITE SIDE SHOWN.
TRIM .060 LENGTH FROM J306 MOUNTING LEADS BEFORE LOADING.
ORIENT AS SHOWN IN DETAIL A.
SEE SEPARATE M/L NO. 00560-60063 USING DETAIL A.
SEE SEPARATE M/L NO. 00562-00169 USING DETAIL A.
SEE SEPARATE M/L NO. 00562-60166 USING VERSION SHOWN.



DETAIL D

SCALE: NONE

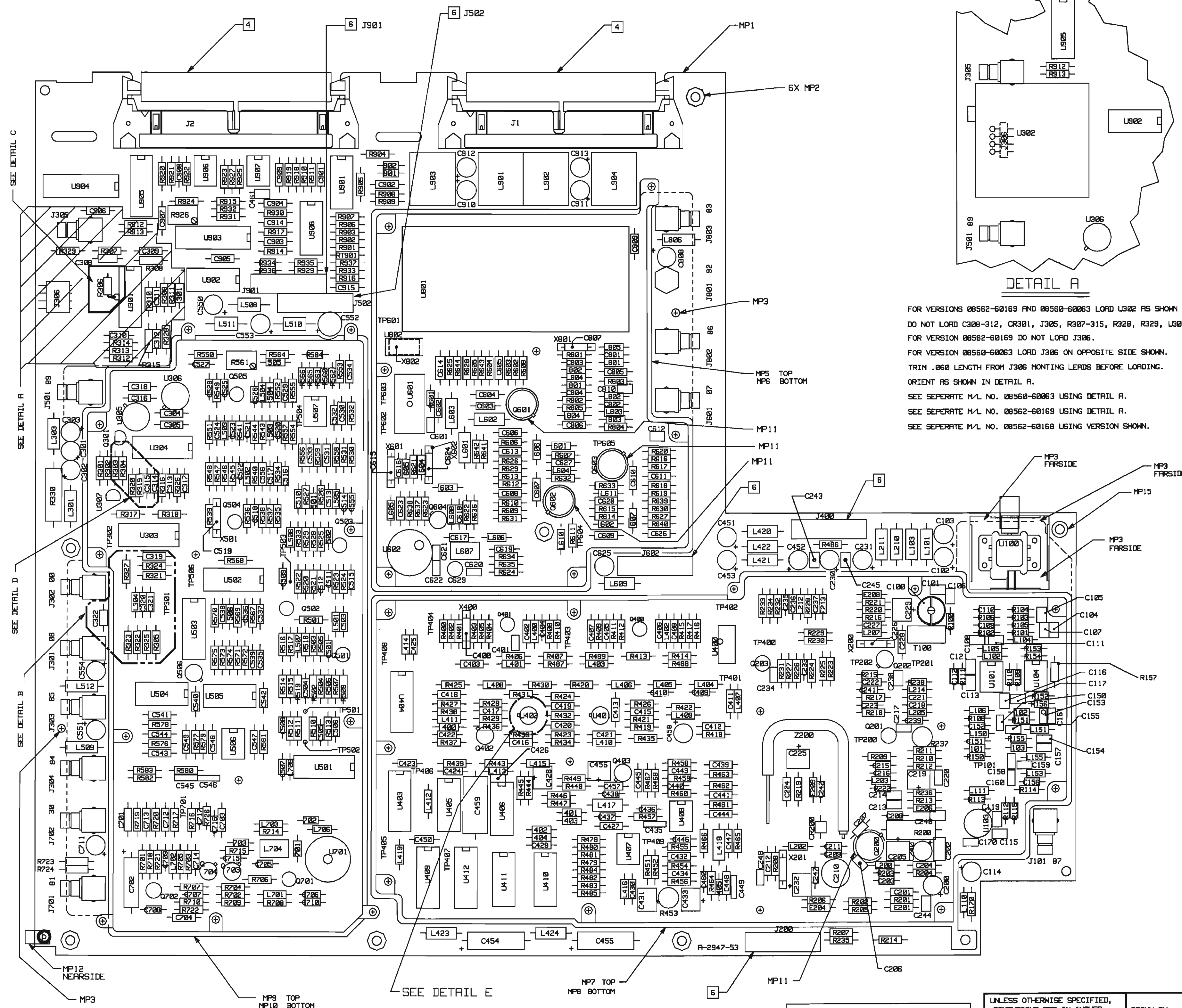
1. VIEWED FROM BOTTOM SIDE.
2. SOLDER ANODE LEAD OF CR302 TO C315 AS SHOWN.
SLIP TUBING (MP14) OVER CATHODE LEAD OF CR302
SOLDER CATHODE LEAD OF CR302 TO R304 AS SHOWN



DETAIL E

SCALE: NONE

1. ENSURE THAT BEADS (E401,E402) ARE A SNUG FIT AND NOT LOOSE.




SEE DETAIL A FOR MATERIAL LIST

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TOLERANCES: XX.XXX \square .011
XX.XX \square .02


THIRD ANGLE
PROJECTION 

DO NOT SCALE THIS DRAWING

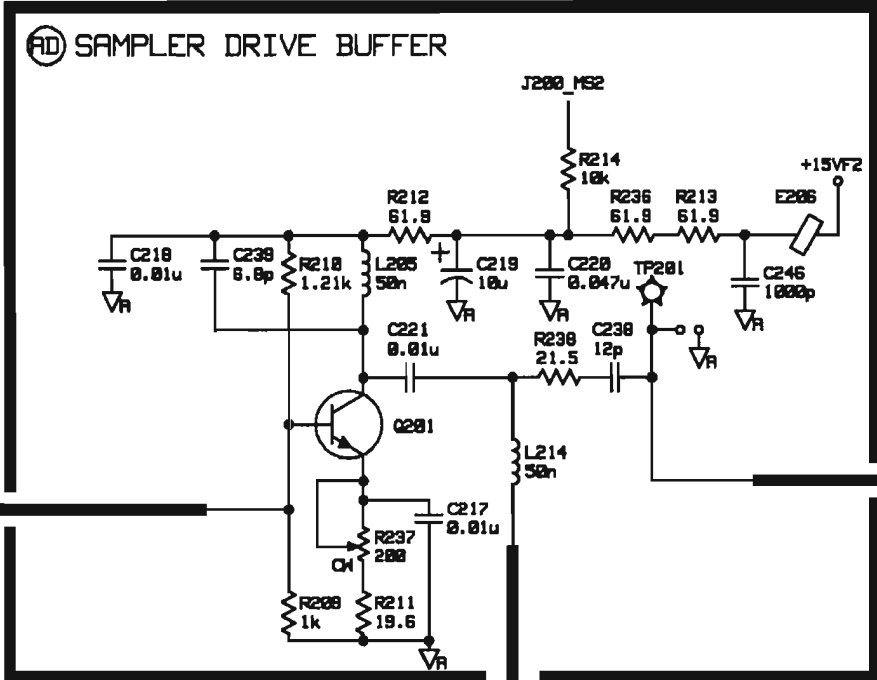
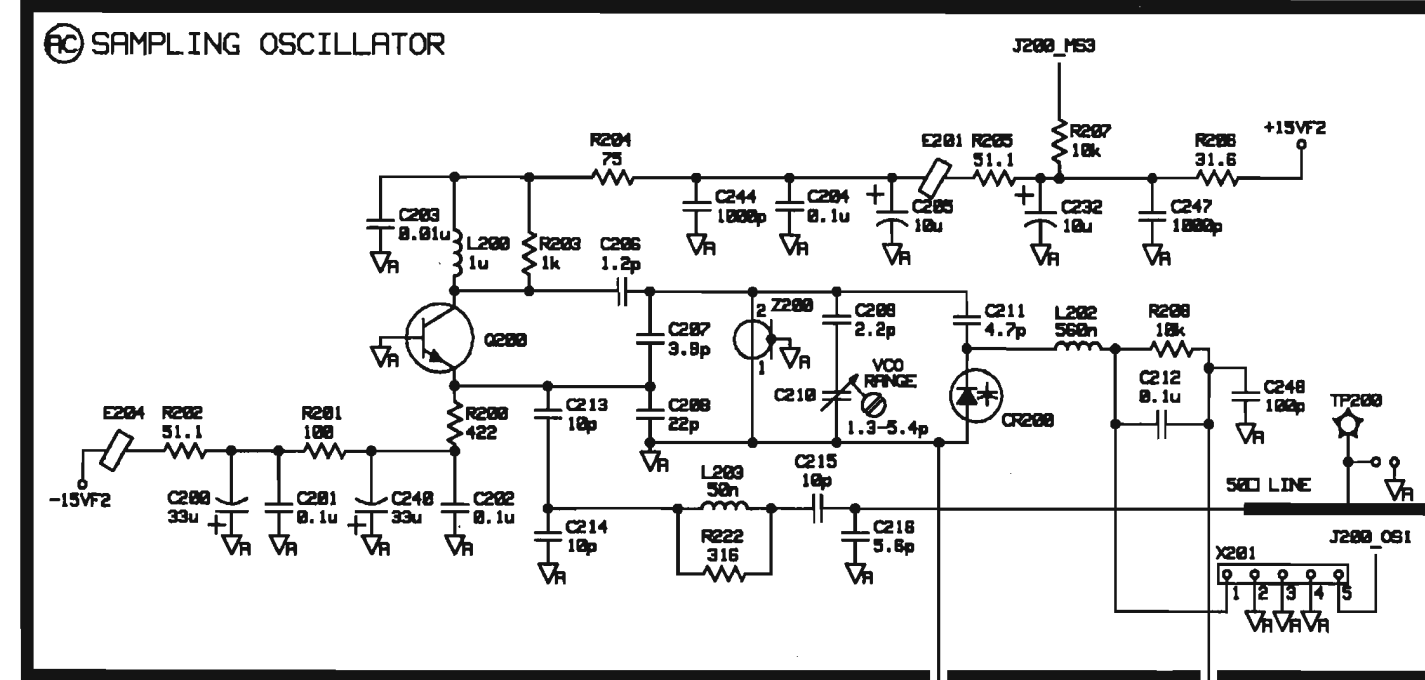
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ENGINEER/CHECKER	DATE
RELEASE TO PROD.	DATE
E-2 SUPERSEDES DWG.	11-1-9

ASSEMBLY, PWB RADIO FREQUENCY

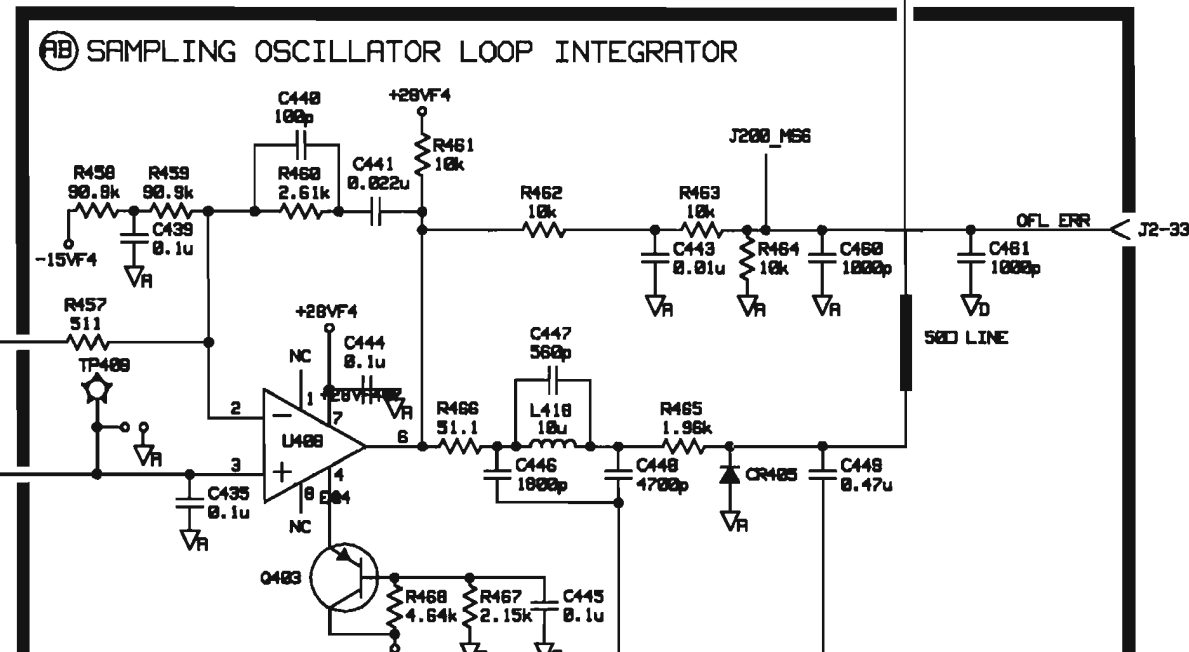
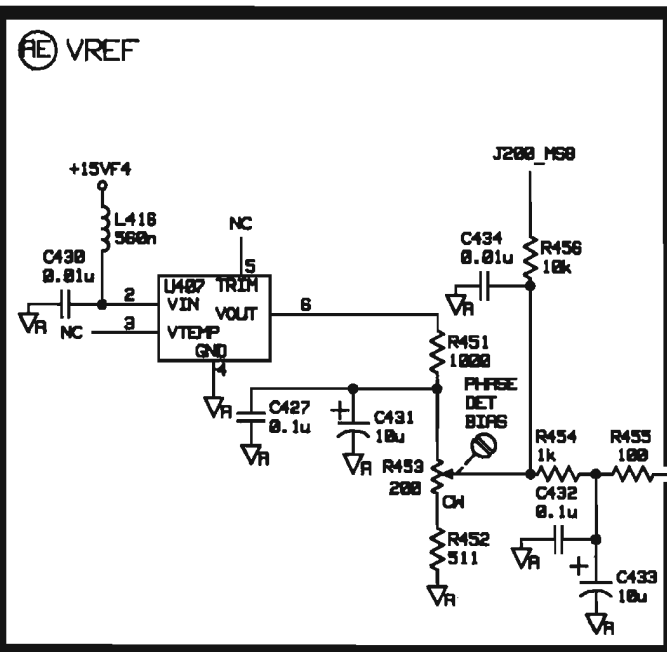
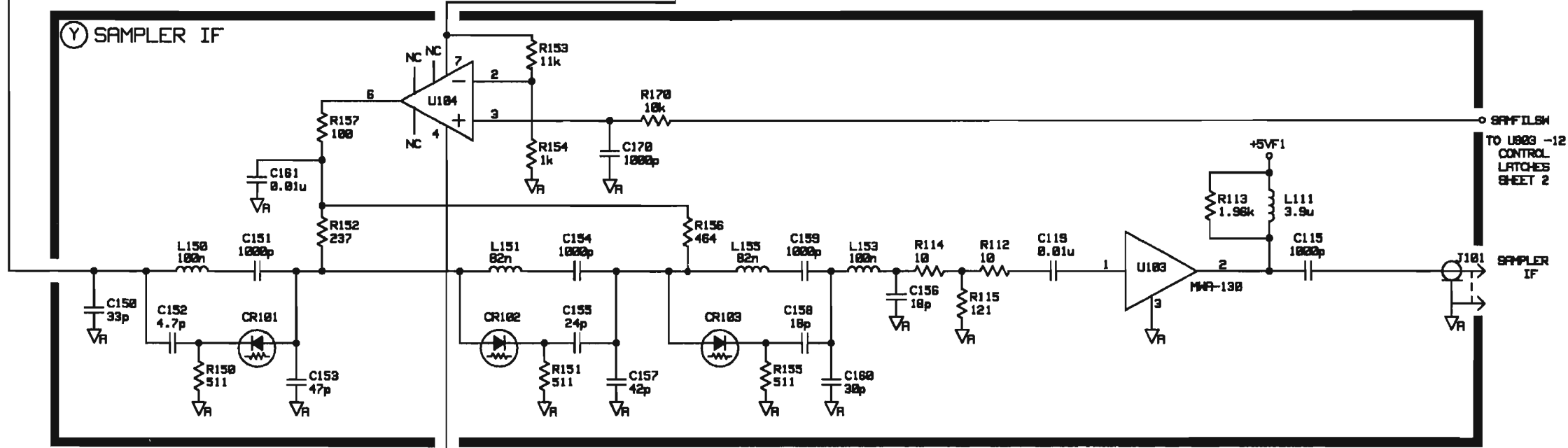
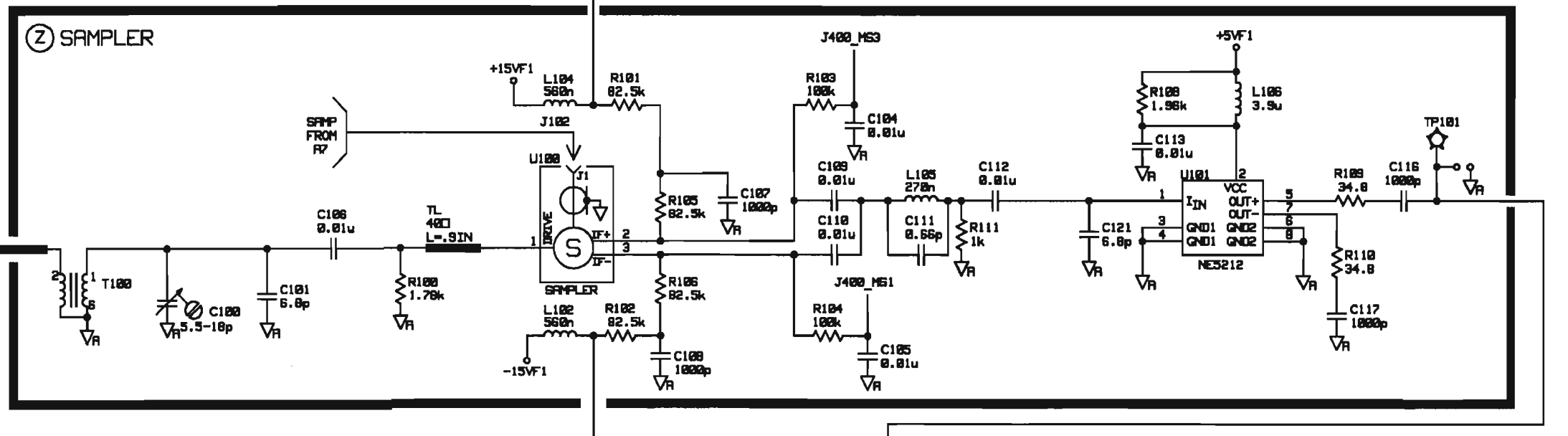
TITLE	
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alaaw168 FILENAME		 HEWLETT PACKARD
NONE SCALE		
1 of 1 SHEET		SEE NOTE 8 PART NUMBER
D - 08562-60168-2		

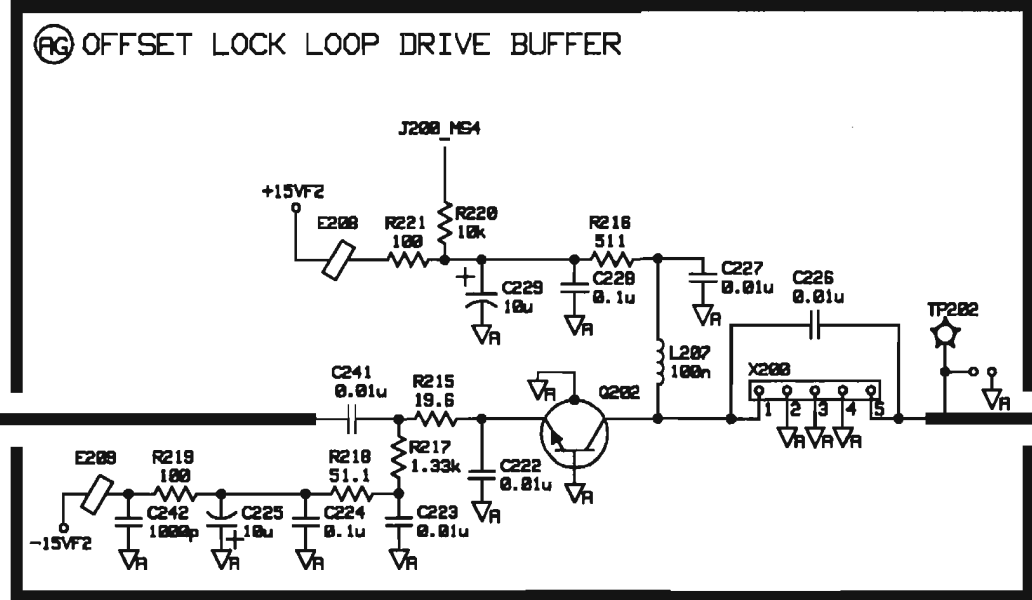
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A	RS ISSUED PER PCO 53-07442		



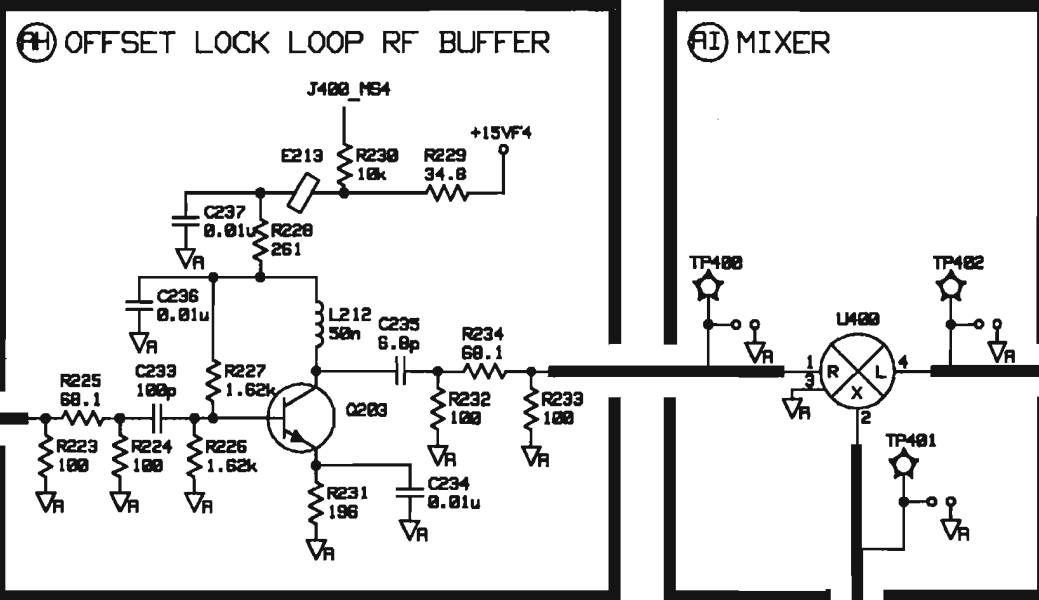
② SAMPLER



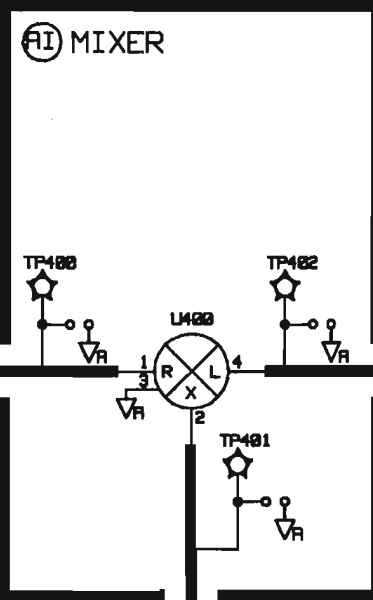
③ OFFSET LOCK LOOP DRIVE BUFFER



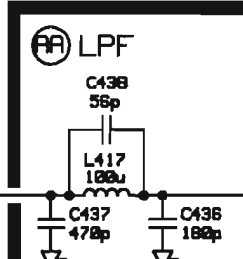
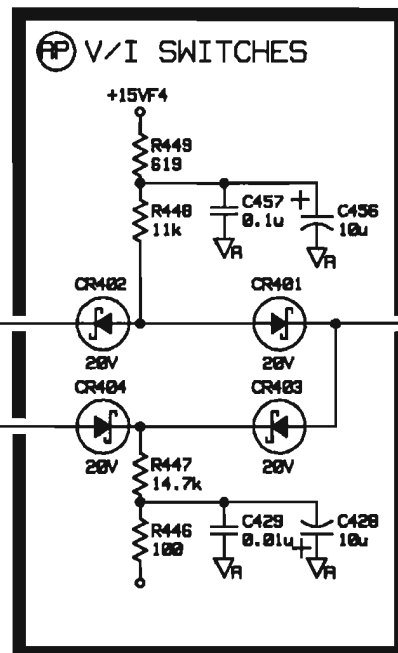
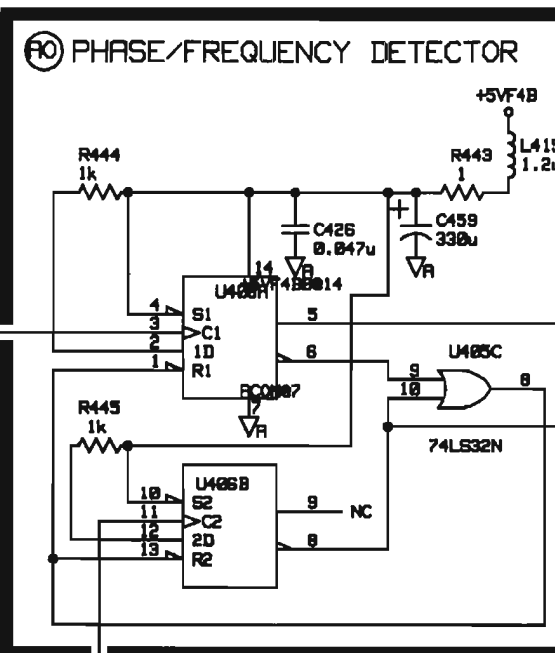
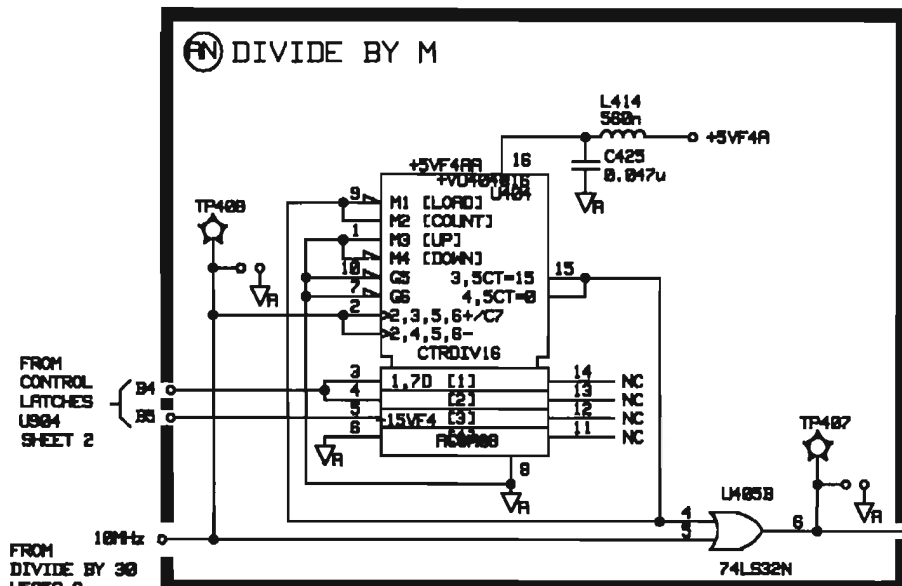
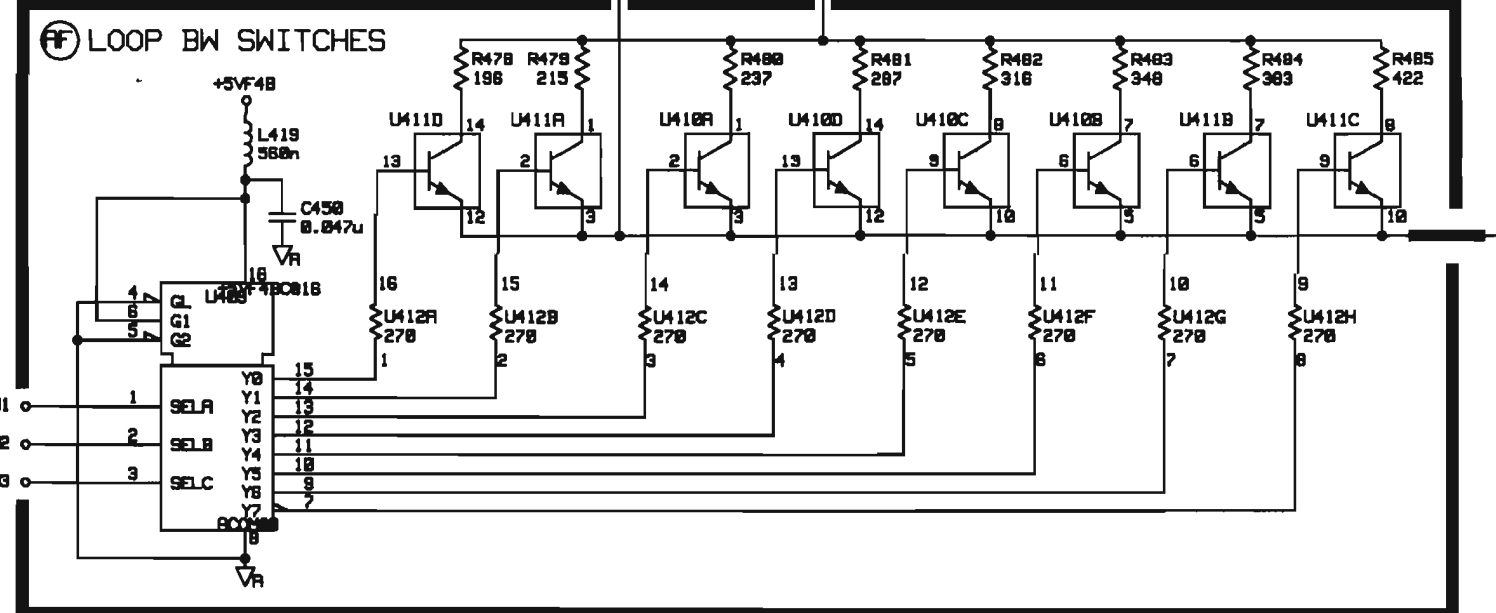
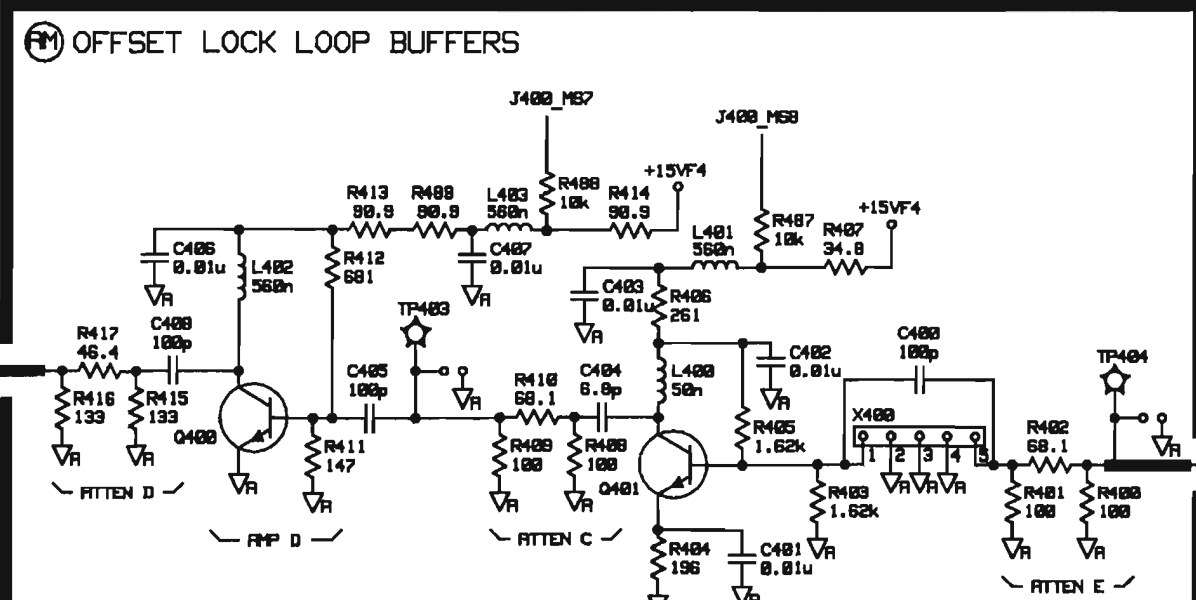
③ OFFSET LOCK LOOP RF BUFFER



③ MIXER

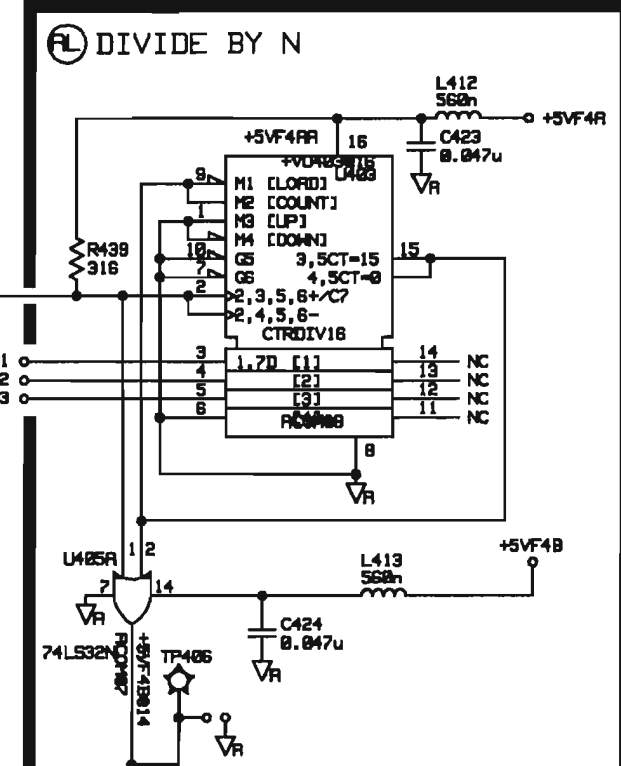
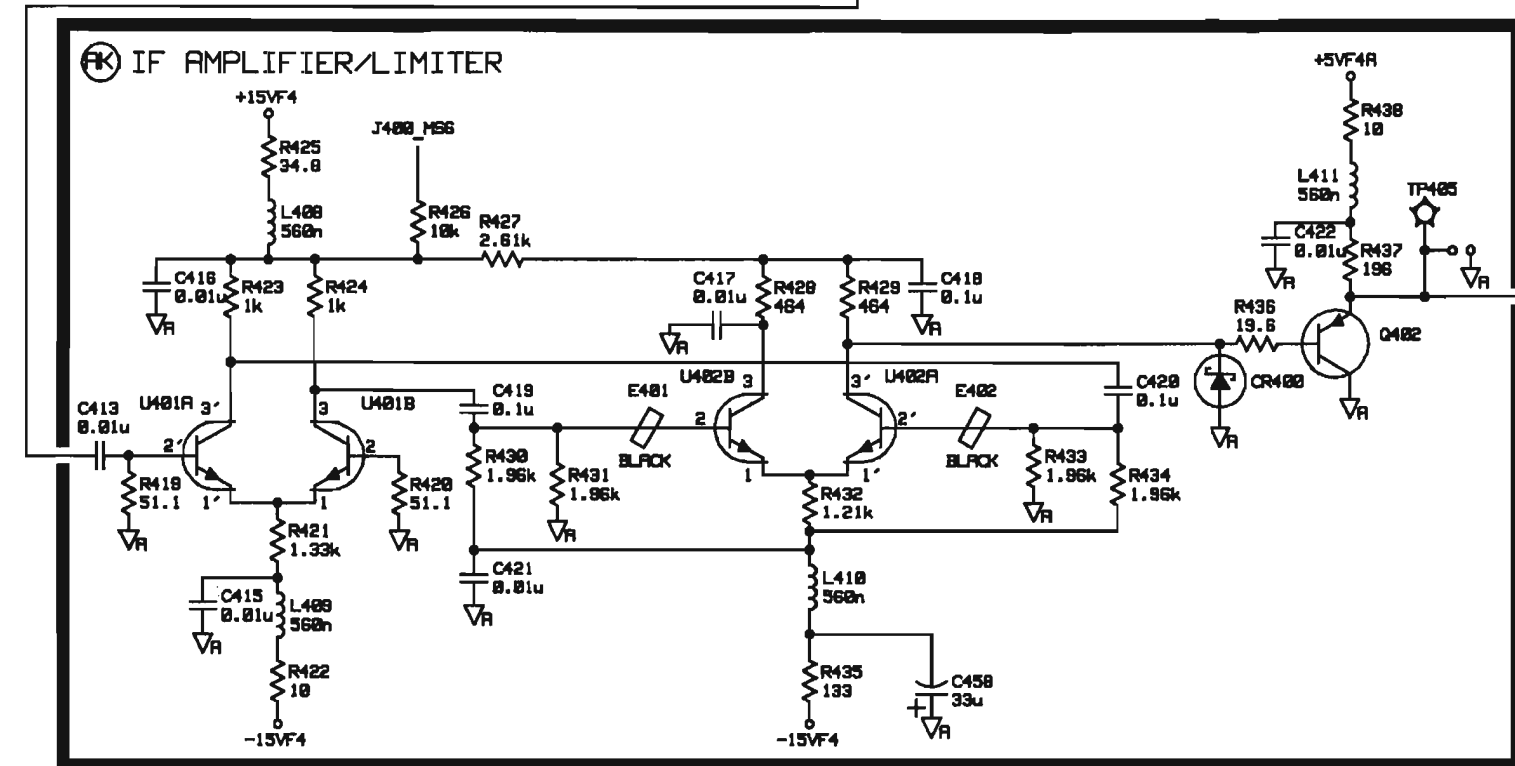


③ OFFSET LOCK LOOP BUFFERS

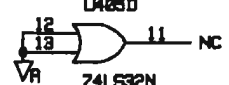


J1	PIN	SIGNAL	TO/FROM	FUNCTION
	1	NC		
	2	NC		
	3	NC		
	4	NC		
	5	NC		
	6	NC		
	7	NC		
	8	NC		
	9	NC		
	10	NC		
	11	NC		
	12	NC		
	13	NC		
	14	NC		
	15	NC		
	16	NC		
	17	NC		
	18	NC		
	19	NC		
	20	NC		
	21	NC		
	22	NC		
	23	NC		
	24	NC		
	25	NC		
	26	NC		
	27	NC		
	28	NC		
	29	NC		
	30	NC		

J2	PIN	SIGNAL	TO/FROM	FUNCTION
	1	NC		
	2	NC		
	3	NC		
	4	NC		
	5	NC		
	6	NC		
	7	NC		
	8	NC		
	9	NC		
	10	NC		
	11	NC		
	12	NC		
	13	NC		
	14	NC		
	15	NC		
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	27	NC		
	28	NC		
	29	NC		
	30	NC		



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RAW BOARD = 20117

SCHEMATIC, PWA
RADIO FREQUENCY

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NONE	SCALE	
3 OF 3	SHEET	
08562-60168	PART NUMBER	
D-08562-60168-1		

Component-Level Information Packet
for 08563-60024
also includes:
08562-60124,08562-60151
Controller

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Printed in USA

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HP Part Number 08563-60024

Controller

Reference Designation	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
C1	0180-4136	3		1	CAP-FXD 10uF +-10% 20 V TA	04200	173D106X9020W
C2	0180-4132	9		1	CAP-FXD 6.8uF +-10% 35 V TA	04200	173D685X9035X
C3	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C4	0180-4132	9		1	CAP-FXD 6.8uF +-10% 35 V TA	04200	173D685X9035X
C5	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C6	0180-4135	2		1	CAP-FXD 33uF +-10% 10 V TA	04200	173D336X9010X
C7	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C8	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C9	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C10	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C11	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C12	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C101	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C102	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C103	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C201	0160-4835	7		1	CAP-FXD 0.1uF +-10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C202	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C203	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C204	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C205	0160-4791	4		1	CAP-FXD 10pF +-5% 100 V CER C0G	09939	RPA10C0G100D100
C206	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C207	0160-4791	4		1	CAP-FXD 10pF +-5% 100 V CER C0G	09939	RPA10C0G100D100
C208	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C209	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C210	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C211	0160-4517	2		1	CAP-FXD 1.2pF +-20.8% 200 V CER C0G	09939	RPE110-120C0G1R2C200V
C212	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C213	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C214	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C215	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C216	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C217	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C218	0160-4835	7		1	CAP-FXD 0.1uF +-10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C219	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C220	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C221	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C222	0160-5422	0		1	CAP-FXD 0.047uF +-20% 50 V CER X7R	09939	RPA20X7R473M50V
C223	0160-4438	6		1	CAP-FXD 470pF +-2.5% 630 V POLYP-FL	06121	B33062/470PF/2.5%/630V
C224	0160-4438	6		1	CAP-FXD 470pF +-2.5% 630 V POLYP-FL	06121	B33062/470PF/2.5%/630V
C225	0160-4438	6		1	CAP-FXD 470pF +-2.5% 630 V POLYP-FL	06121	B33062/470PF/2.5%/630V
C226	0160-5104	5		1	CAP-FXD 3900pF +-10% 200 V POLYP-FL	05176	HEW-535
C227	0160-5104	5		1	CAP-FXD 3900pF +-10% 200 V POLYP-FL	05176	HEW-535
C228	0160-4804	0		1	CAP-FXD 56pF +-5% 100 V CER C0G	09939	RPA10C0G560J100
C229	0160-4812	0		1	CAP-FXD 220pF +-5% 100 V CER C0G	09939	RPA10C0G221J100V
C230	0160-4824	4		1	CAP-FXD 680pF +-5% 100 V CER C0G	09939	RPA10C0G681J100V
C231	0160-4804	0		1	CAP-FXD 56pF +-5% 100 V CER C0G	09939	RPA10C0G560J100
C232	0160-4812	0		1	CAP-FXD 220pF +-5% 100 V CER C0G	09939	RPA10C0G221J100V
C233	0160-4824	4		1	CAP-FXD 680pF +-5% 100 V CER C0G	09939	RPA10C0G681J100V

*Indicates factory-selected value

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HP Part Number 08563-60024 **Controller**

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C234	0160-4791	4	1	CAP-FXD 10pF +-5% 100 V CER C0G	09939	RPA10C0G100D100
C235	0160-4791	4	1	CAP-FXD 10pF +-5% 100 V CER C0G	09939	RPA10C0G100D100
C236	0160-4517	2	1	CAP-FXD 1.2pF +-20.8% 200 V CER C0G	09939	RPE110-120C0G1R2C200V
C237	0160-4791	4	1	CAP-FXD 10pF +-5% 100 V CER C0G	09939	RPA10C0G100D100
C238	0160-4791	4	1	CAP-FXD 10pF +-5% 100 V CER C0G	09939	RPA10C0G100D100
C239	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C240	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C241	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C242	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C243	0160-4811	9	1	CAP-FXD 270pF +-5% 100 V CER C0G	09939	RPA10C0G271J100V
C244	0160-5098	6	1	CAP-FXD 0.22uF +-10% 50 V CER X7R	09939	RPA40X7R224K50V
C246	0160-4521	8	1	CAP-FXD 12pF +-5% 200 V CER C0G	09939	RPE121-105C0G120J200V
C301	0180-4130	7	1	CAP-FXD 2.2uF +-10% 20 V TA	04200	173D225X9020V
C302	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C303	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C304	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C305	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C306	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C307	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C308	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C309	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C401	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C403	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C404	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C405	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C501	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C502	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C503	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C504	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C701	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C702	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C703	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C801	0180-4131	8	1	CAP-FXD 4.7uF +-10% 35 V TA	04200	173D105X9035W
C802	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
CR6	1990-0487	7	1	LED-LAMP LUM-INT=2MCD BVR=5V	01542	HLMP-1401
CR201	1901-0535	9	1	DIODE-SCHOTTKY SM SIG	02062	50825511
CR202	1901-0535	9	1	DIODE-SCHOTTKY SM SIG	02062	50825511
CR203	1901-0535	9	1	DIODE-SCHOTTKY SM SIG	02062	50825511
CR204	1901-0535	9	1	DIODE-SCHOTTKY SM SIG	02062	50825511
CR205	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR206	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR207	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR208	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR209	1901-0535	9	1	DIODE-SCHOTTKY SM SIG	02062	50825511
CR210	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR211	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR212	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	

HP Part Number 08563-60024

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
CR220	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR301	1901-0518	8	1	DIODE-SCHOTTKY SM SIG	02062	5082-5509
CR701	1902-0951	5	1	DIODE-ZNR 5.1V 5% D0-35 PD=.4W TC=+.035%	02037	SZ30035-9RL
E1	1251-4787	2	1	SHUNT-DIP 8 POSITION; DUAL INLINE PKG	01380	435704-8
E6	9170-0016	8	1	CORE-SHIELDING BEAD	28480	9170-0016
J1	1252-1064	4	1	CONN-POST TYPE .100-PIN-SPCG 50-CONT	01380	1-746878-0
J2	1252-1063	3	1	CONN-POST TYPE .100-PIN-SPCG 40-CONT	01380	746878-9
J3	1252-1062	2	1	CONN-POST TYPE .100-PIN-SPCG 30-CONT	01380	746878-7
J4	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W/O-STDF 50-OHM	05769	51-053-0349-BE8
J5	1252-1065	5	1	CONN-POST TYPE .100-PIN-SPCG 24-CONT	01380	746878-5
J6	1252-0449	7	1	CONN-POST TYPE .100-PIN-SPCG 50-CONT	01380	1-499141-0
J7	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W/O-STDF 50-OHM	05769	51-053-0349-BE8
J8	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W/O-STDF 50-OHM	05769	51-053-0349-BE8
J9	1251-5238	0	1	CONN-POST TYPE .100-PIN-SPCG 10-CONT	02946	68001-610
J10	1252-1882	4	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	02946	78208-103
J11	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J12	1252-0523	8	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	01380	641216-3
J13	1252-0523	8	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	01380	641216-3
J14	1251-5639	5	1	CONN-POST TYPE .100-PIN-SPCG 2-CONT	02946	68001-602
J201	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J202	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
L1	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
L2	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
L3	9140-0737	7	1	INDUCTOR 10UH .7D-INX.6LG-IN	01869	53156
L4	9100-3552	6	1	INDUCTOR RF-CH-MLD 1.5UH +-5%	03706	21502M-5%
L5	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +-5%	05826	1537-76
L201	9100-3560	6	1	INDUCTOR RF-CH-MLD 5.6UH +-5%	03706	25602M-5%
L202	9100-3560	6	1	INDUCTOR RF-CH-MLD 5.6UH +-5%	03706	25602M-5%
L203	9100-3912	2	1	INDUCTOR RF-CH-MLD 15UH +-5%	03706	21501M-5%
L204	9100-3912	2	1	INDUCTOR RF-CH-MLD 15UH +-5%	03706	21501M-5%
MP1	08560-20013	6	1		28480	08560-20013
MP2	1400-0866	7	1	CLAMP-CABLE .187-DIA .25-WD NYL	07158	C61332AA
MP3	0403-0026	6	7	PLUG-HOLE BDR-HD FOR .19-D-HOLE NYL	01924	207-120241-03-0101
MP4	0380-2056	6	8	SPACER-RVT-ON 17.5-MM-LG 3.8-MM-ID	02121	
MP5	1258-0141	8	3	JUMPER-REMOVABLE FOR 0.025 IN SQ PINS	02946	65474-004
NONE0076	7121-4611	2	1	LABEL-INFORMATION .15-IN-WD .6-IN-LG	09002	
NONE0077	9320-6209	2	1	LBL-LNE-PTR; .65-IN-WD X .2-IN-LG	12532	
Q201	1854-0809	9	1	TRANSISTOR NPN 2N2369A SI TO-18 PD=360MW	02037	2N2369A
Q202	1854-0809	9	1	TRANSISTOR NPN 2N2369A SI TO-18 PD=360MW	02037	2N2369A
Q203	1854-0215	1	1	TRANSISTOR NPN SI TO-92 PD=625MW	02037	2N3904
Q204	1855-0241	5	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-72 SI	02883	SD215DE
Q205	1855-0241	5	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-72 SI	02883	SD215DE
Q206	1855-0241	5	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-72 SI	02883	SD215DE
Q207	1855-0241	5	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-72 SI	02883	SD215DE
Q208	1855-0241	5	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-72 SI	02883	SD215DE
Q301	1853-0213	7	1	TRANSISTOR PNP 2N4236 SI TO-5 PD=1W	02037	2N4236
Q302	1854-0477	7	1	TRANSISTOR NPN 2N2222A SI TO-18 PD=500MW	02037	2N2222A
Q303	1855-0522	5	1	TRANSISTOR MOSFET P-CHAN E-MODE SI	03038	IRFD9120

*Indicates factory-selected value

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
Q304	1855-0522	5	1	TRANSISTOR MOSFET P-CHAN E-MODE SI	03038	IRFD9120
Q801	1853-0281	9	1	TRANSISTOR PNP 2N2907A SI TO-18 PD=400MW	02037	2N2907A
R2	0698-3155	1	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R3	0757-0419	0	1	RESISTOR 681 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R4	0698-3444	1	1	RESISTOR 316 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R5	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R6	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R7	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R8	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R13	0698-3155	1	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R14	0698-7210	7	1	RESISTOR 82.5 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R15	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R201	0699-0853	2	1	RESISTOR 5.3K +-0.1% .125W TF TC=0+-50	01074	H8
R202	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R203	0698-6362	8	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R204	0698-6362	8	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R205	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R206	2100-1788	9	1	RESISTOR-TRMR 500 10% TKF TOP-ADJ 1-TRN	04568	82PR500
R207	0757-0274	5	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R208	0698-3440	7	1	RESISTOR 196 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R209	2100-4184	5	1	RESISTOR-TRMR 10K 10% TKF TOP-ADJ 1-TRN	03744	3329H-EG9-103
R210	0757-0428	1	1	RESISTOR 1.62K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R211	0757-0416	7	1	RESISTOR 511 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R212	0698-6362	8	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R213	0698-6362	8	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R214	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R215	2100-1788	9	1	RESISTOR-TRMR 500 10% TKF TOP-ADJ 1-TRN	04568	82PR500
R216	0757-0274	5	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R217	0698-3440	7	1	RESISTOR 196 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R218	2100-4194	7	1	RESISTOR-TRMR 5K 10% TKF TOP-ADJ 1-TRN	03744	3329H-EG9-502
R219	0757-0428	1	1	RESISTOR 1.62K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R220	0757-0416	7	1	RESISTOR 511 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R221	0698-6320	8	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R222	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R223	0698-6904	4	1	RESISTOR 39.2K +-0.5% .125W TF TC=0+-50	05524	CMF-55-1, T-2
R224	0698-3150	6	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R225	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R227	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R228	0698-6904	4	1	RESISTOR 39.2K +-0.5% .125W TF TC=0+-50	05524	CMF-55-1, T-2
R229	0698-3150	6	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R230	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R231	0698-6992	0	1	RESISTOR 8.947K +-0.1% .125W TF TC=0+-50	05524	CMF-55-1, T-2
R232	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R233	0757-1094	9	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R234	0698-0083	8	1	RESISTOR 1.96K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R235	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R236	0757-1094	9	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1

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Controller

Reference Designation	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
R237	0757-1094	9	1	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R238	0698-3444	1	1	1	RESISTOR 316 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R239	0698-3152	8	1	1	RESISTOR 3.48K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R240	0757-0428	1	1	1	RESISTOR 1.62K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R241	0698-3443	0	1	1	RESISTOR 287 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R242	0757-0279	0	1	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R243	0757-0278	9	1	1	RESISTOR 1.78K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R244	0698-3160	8	1	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R245	0698-3160	8	1	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R246	0757-0447	4	1	1	RESISTOR 16.2K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R247	0698-3160	8	1	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R248	0698-3160	8	1	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R249	0757-0447	4	1	1	RESISTOR 16.2K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R250	0699-0070	5	1	1	RESISTOR 3.16M +-1% .125W TF TC=0+-100	06118	MK2
R251	0698-8827	4	1	1	RESISTOR 1M +-1% .125W TF TC=0+-100	05524	CMF-55-1
R252	0757-0463	4	1	1	RESISTOR 82.5K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R253	0757-0465	6	1	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R255	0757-0442	9	1	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R256	0757-0401	0	1	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R257	0757-0442	9	1	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R258	0757-0463	4	1	1	RESISTOR 82.5K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R259	0698-3440	7	1	1	RESISTOR 196 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R260	0698-7403	0	1	1	RESISTOR 1.285K +-0.1% .125W TF TC=0+-50	05524	CMF-55-1, T-2
R261	0698-7403	0	1	1	RESISTOR 1.285K +-0.1% .125W TF TC=0+-50	05524	CMF-55-1, T-2
R262	2100-4192	5	1	1	RESISTOR-TRMR 50K 10% TKF TOP-ADJ 1-TRN	03744	3329H-EG9-503
R263	2100-4192	5	1	1	RESISTOR-TRMR 50K 10% TKF TOP-ADJ 1-TRN	03744	3329H-EG9-503
R264	0757-1094	9	1	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R265	0757-1094	9	1	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R266	0699-0068	1	1	1	RESISTOR 1.47M +-1% .125W TF TC=0+-100	06118	MK2
R267	0698-3159	5	1	1	RESISTOR 26.1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R268	2100-4184	5	1	1	RESISTOR-TRMR 10K 10% TKF TOP-ADJ 1-TRN	03744	3329H-EG9-103
R269	0757-0401	0	1	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R270	0757-0416	7	1	1	RESISTOR 511 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R271	2100-4194	7	1	1	RESISTOR-TRMR 5K 10% TKF TOP-ADJ 1-TRN	03744	3329H-EG9-502
R272	0757-0438	3	1	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R273	0757-0398	4	1	1	RESISTOR 75 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R274	0698-3160	8	1	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R275	0698-3160	8	1	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R276	0698-3155	1	1	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R277	0698-3155	1	1	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R278	0757-0442	9	1	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R279	0757-0458	7	1	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R280	0757-0465	6	1	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R281	0757-0401	0	1	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R282	0698-7261	8	1	1	RESISTOR 11K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R283	0698-7260	7	1	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R284	0698-4483	0	1	1	RESISTOR 18.7K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R285	0757-0442	9	1	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1

*Indicates factory-selected value

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HP Part Number 08563-60024 **Controller**

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R286	0698-3157	3	1	RESISTOR 19.6K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R287	0699-2698	7	1	RESISTOR 422K +-1% .05W TF TC=0+-100	05524	CMF-50-T1
R288	0757-0441	8	1	RESISTOR 8.25K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R289	0698-3445	2	1	RESISTOR 348 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R290	0698-3498	5	1	RESISTOR 8.66K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R301	0698-3150	6	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R302	0757-0419	0	1	RESISTOR 681 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R303	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R304	0698-3440	7	1	RESISTOR 196 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R305	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R306	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R307	0699-0073	8	1	RESISTOR 10M +-1% .125W TF TC=0+-100	06118	MK2
R700	0698-3155	1	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R701	0757-0274	5	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R702	0698-3153	9	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R703	0698-3155	1	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R704	0757-0418	9	1	RESISTOR 619 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R801	0698-3155	1	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R802	0698-3155	1	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R803	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R804	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R805	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R806	0698-3162	0	1	RESISTOR 46.4K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R807	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R808	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R809	0698-3155	1	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
TP3	0360-2359	0	1	TERMINAL-TEST POINT .230IN ABOVE	04055	230.100
TP10	0360-2359	0	1	TERMINAL-TEST POINT .230IN ABOVE	04055	230.100
TP11	0360-2359	0	1	TERMINAL-TEST POINT .230IN ABOVE	04055	230.100
TP12	0360-2359	0	1	TERMINAL-TEST POINT .230IN ABOVE	04055	230.100
U1	1820-3532	0	1	IC-16 BIT MICROPROCESSOR /8 MHZ	02037	MC68000P8
U2	1820-1851	2	1	IC ENCDR TTL/LS PRIORITY 8-TO-3-LINE	01698	SN74LS148N
U3	1820-2075	4	1	IC TRANSCEIVER TTL/LS BUS OCTL	01698	SN74LS245N
U4	1820-1200	5	1	IC INV TTL/LS HEX	01698	SN74LS05N
U5	1820-2024	3	1	IC DRVR TTL/LS BUS OCTL	01698	SN74LS244N
U6	1820-2024	3	1	IC DRVR TTL/LS BUS OCTL	01698	SN74LS244N
U7	1810-0279	5	1	NETWORK-RES 10-SIP 4.7K OHM X 9	05524	MSP10A01-472G
U8	1810-0279	5	1	NETWORK-RES 10-SIP 4.7K OHM X 9	05524	MSP10A01-472G
U9	1810-0279	5	1	NETWORK-RES 10-SIP 4.7K OHM X 9	05524	MSP10A01-472G
U10	1820-2024	3	1	IC DRVR TTL/LS BUS OCTL	01698	SN74LS244N
U11	1820-2024	3	1	IC DRVR TTL/LS BUS OCTL	01698	SN74LS244N
U12	1820-2075	4	1	IC TRANSCEIVER TTL/LS BUS OCTL	01698	SN74LS245N
U13	1810-0279	5	1	NETWORK-RES 10-SIP 4.7K OHM X 9	05524	MSP10A01-472G
U14	1820-1208	3	1	IC GATE TTL/LS OR QUAD 2-INP	01698	SN74LS32N
U15	1810-0279	5	1	NETWORK-RES 10-SIP 4.7K OHM X 9	05524	MSP10A01-472G
U16	1810-0279	5	1	NETWORK-RES 10-SIP 4.7K OHM X 9	05524	MSP10A01-472G
U17	1810-0279	5	1	NETWORK-RES 10-SIP 4.7K OHM X 9	05524	MSP10A01-472G

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
U18	1810-0279	5	1	NETWORK-RES 10-SIP 4.7K OHM X 9	05524	MSP10A01-472G
U19	1990-0980	5	1	LED-LAMP ARRAY LUM-INT=1MCD IF=20MA-MAX	01542	HLMP-6755
U20	1810-0542	5	1	NETWORK-RES 10-SIP 10.0K OHM X 5	03744	4310R-4B4-103
U100	1SF8-0068	9	1		28480	1SF8-0068
U101	1818-3760	1	1	IC 64K SRAM 150-NS CMOS	28480	1818-3760
U102	1818-3760	1	1	IC 64K SRAM 150-NS CMOS	28480	1818-3760
U103	1820-1438	1	1	IC MUXR/DATA-SEL TTL/LS 2-TO-1-LINE QUAD	01698	SN74LS257BN
U104	1820-1438	1	1	IC MUXR/DATA-SEL TTL/LS 2-TO-1-LINE QUAD	01698	SN74LS257BN
U105	1820-1438	1	1	IC MUXR/DATA-SEL TTL/LS 2-TO-1-LINE QUAD	01698	SN74LS257BN
U106	1820-1322	2	1	IC GATE TTL/S NOR QUAD 2-INP	01698	SN74S02N
U201	1826-0716	8	1	IC OP AMP LOW-NOISE DUAL 8 PIN DIP-C	02910	NE5532AFE
U202	1826-1422	5	1	IC OP AMP WB QUAD 14 PIN DIP-P	02037	MC34084P
U203	1826-0716	8	1	IC OP AMP LOW-NOISE DUAL 8 PIN DIP-C	02910	NE5532AFE
U204	1826-0938	6	1	D/A 10-BIT 18-CERDIP BPLR	03285	DAC-10FX
U205	1826-0938	6	1	D/A 10-BIT 18-CERDIP BPLR	03285	DAC-10FX
U206	1820-1202	7	1	IC GATE TTL/LS NAND TPL 3-INP	01698	SN74LS10N
U207	1826-1012	9	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03799	HI1-0201-4
U208	1826-0783	9	1	IC OP AMP LOW-NOISE 8 PIN DIP-C	02910	NE5534AFE
U209	1826-0610	1	1	ANALOG MULTIPLEXER 4 CHNL 16 -CERDIP	03285	MUX-24FQ
U210	1826-1422	5	1	IC OP AMP WB QUAD 14 PIN DIP-P	02037	MC34084P
U211	1826-1422	5	1	IC OP AMP WB QUAD 14 PIN DIP-P	02037	MC34084P
U212	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U213	1820-1144	6	1	IC GATE TTL/LS NOR QUAD 2-INP	01698	SN74LS02N
U214	1820-1112	8	1	IC FF TTL/LS D-TYPE POS-EDGE-TRIG	01698	SN74LS74AN
U215	1820-1423	4	1	IC MV TTL/LS MONOSTBL RETRIG DUAL	01698	SN74LS123N
U216	1826-0783	9	1	IC OP AMP LOW-NOISE 8 PIN DIP-C	02910	NE5534AFE
U217	1826-0412	1	1	IC COMPARATOR PRCN DUAL 8 PIN DIP-P	03406	LM393N
U300	1818-4686	2	1	IC 256K SRAM 100-NS CMOS	28480	1818-4686
U301	1818-4686	2	1	IC 256K SRAM 100-NS CMOS	28480	1818-4686
U302	1820-5497	0	1	IC-NONVOLATILE MEMORY CONTROLLER	12186	DS1210
U303	1818-4686	2	1	IC 256K SRAM 100-NS CMOS	28480	1818-4686
U304	1818-4686	2	1	IC 256K SRAM 100-NS CMOS	28480	1818-4686
U305	1820-5497	0	1	IC-NONVOLATILE MEMORY CONTROLLER	12186	DS1210
U306	08563-80026	0	1		28480	08563-80026
U307	08563-80027	1	1		28480	08563-80027
U310	08563-80038	4	1		28480	08563-80038
U311	08563-80039	5	1		28480	08563-80039
U401	08563-80022	6	1		28480	08563-80022
U402	1820-3972	2	1	IC OSC TTL/LS	01698	SN74LS321N
U403	1820-1449	4	1	IC GATE TTL/S OR QUAD 2-INP	01698	SN74S32N
U404	1820-1199	1	1	IC INV TTL/LS HEX 1-INP	01698	SN74LS04N
U405	1820-1216	3	1	IC DCDR TTL/LS BIN 3-TO-8-LINE 3-INP	01698	SN74LS138N
U406	08560-80011	0	1		28480	08560-80011
U407	1820-0681	4	1	IC GATE TTL/S NAND QUAD 2-INP	01698	SN74S00N
U408	1820-1449	4	1	IC GATE TTL/S OR QUAD 2-INP	01698	SN74S32N
U501	08562-80186	2	1		28480	08562-80186
U502	1820-1445	0	1	IC LCH TTL/LS TRANSPARENT 4-BIT	01698	SN74LS375N
U503	1820-2548	6	1	IC-GENERAL PURPOSE INTERFACE BUS ADAPTER	01698	

**Indicates factory-selected value*

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
U504	1820-3431	8	1	IC-INTERFACE XCVR MISC/UNKNOWN	03406	DS75160AN
U505	1820-3513	7	1	IC-INTERFACE XCVR MISC/UNKNOWN	03406	DS75161AN
U506	1820-1858	9	1	IC FF TTL/LS D-TYPE POS-EDGE-TRIG COM	01698	SN74LS377N
U507	1820-1858	9	1	IC FF TTL/LS D-TYPE POS-EDGE-TRIG COM	01698	SN74LS377N
U508	1820-2024	3	1	IC DRVR TTL/LS BUS OCTL	01698	SN74LS244N
U509	1820-1144	6	1	IC GATE TTL/LS NOR QUAD 2-INP	01698	SN74LS02N
U510	1820-1208	3	1	IC GATE TTL/LS OR QUAD 2-INP	01698	SN74LS32N
U511	1820-1197	9	1	IC GATE TTL/LS NAND QUAD 2-INP	01698	SN74LS00N
U512	1820-1198	0	1	IC GATE TTL/LS NAND QUAD 2-INP	01698	SN74LS03N
U513	1820-1203	8	1	IC GATE TTL/LS AND TPL 3-INP	01698	SN74LS11N
U700	1820-3425	0	1	IC-PROGRAMMABLE INTERVAL TIMER,DC-10MHZ	03811	D8254-2
U701	1820-1112	8	1	IC FF TTL/LS D-TYPE POS-EDGE-TRIG	01698	SN74LS74AN
U702	1820-1435	8	1	IC CNTR TTL/LS BIN UP/DOWN SYNCHRO	01698	SN74LS669N
U703	1820-2096	9	1	IC CNTR TTL/LS BIN ASYNCHRO	01698	SN74LS393N
U704	1820-1238	9	1	IC MUXR/DATA-SEL TTL/LS 4-TO-1-LINE DUAL	01698	SN74LS253N
U705	1820-0723	5	1	IC-INTERFACE RCVR BIPOLAR LINE RCVR DUAL	01698	SN75107AN
U801	1826-0412	1	1	IC COMPARATOR PRCN DUAL 8 PIN DIP-P	03406	LM393N
W1	8159-0005	0	1	RESISTOR 0 CWM	01339	L-2007-1
W3	8159-0005	0	1	RESISTOR 0 CWM	01339	L-2007-1
XE1	1200-0607	0	1	SOCKET-IC-DIP 16-CONT DIP DIP-SLDR	01380	2-641600-1
XU306	1200-1314	8	1	SOCKET-IC-DIP 32-CONT DIP DIP-SLDR	01380	2-644018-1
XU307	1200-1314	8	1	SOCKET-IC-DIP 32-CONT DIP DIP-SLDR	01380	2-644018-1
XU308	1200-1314	8	1	SOCKET-IC-DIP 32-CONT DIP DIP-SLDR	01380	2-644018-1
XU309	1200-1314	8	1	SOCKET-IC-DIP 32-CONT DIP DIP-SLDR	01380	2-644018-1
XU310	1200-1314	8	1	SOCKET-IC-DIP 32-CONT DIP DIP-SLDR	01380	2-644018-1
XU311	1200-1314	8	1	SOCKET-IC-DIP 32-CONT DIP DIP-SLDR	01380	2-644018-1
XU501	1200-0541	1	1	SOCKET-IC-DIP 24-CONT DIP DIP-SLDR	01380	2-641604-1
Y1	0410-1865	8	1	CRYSTAL-QUARTZ 16.000 MHZ HC-18/U-HLDR	02483	

HP Part Number 08562-60124 **Controller**

Reference Designation	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
C1	0180-4136	3		1	CAP-FXD 10uF +-10% 20 V TA	04200	173D106X9020W
C2	0180-4132	9		1	CAP-FXD 6.8uF +-10% 35 V TA	04200	173D685X9035X
C3	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C4	0180-4132	9		1	CAP-FXD 6.8uF +-10% 35 V TA	04200	173D685X9035X
C5	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C6	0180-4135	2		1	CAP-FXD 33uF +-10% 10 V TA	04200	173D336X9010X
C7	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C8	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C9	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C10	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C11	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C12	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C101	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C102	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C103	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C201	0160-4835	7		1	CAP-FXD 0.1uF +-10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C202	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C203	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C204	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C205	0160-4791	4		1	CAP-FXD 10pF +-5% 100 V CER C0G	09939	RPA10C0G100D100
C206	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C207	0160-4791	4		1	CAP-FXD 10pF +-5% 100 V CER C0G	09939	RPA10C0G100D100
C208	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C209	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C210	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C211	0160-4517	2		1	CAP-FXD 1.2pF +-20.8% 200 V CER C0G	09939	RPE110-120C0G1R2C200V
C212	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C213	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C214	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C215	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C216	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C217	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C218	0160-4835	7		1	CAP-FXD 0.1uF +-10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C219	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C220	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C221	0160-4832	4		1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C222	0160-5422	0		1	CAP-FXD 0.047uF +-20% 50 V CER X7R	09939	RPA20X7R473M50V
C223	0160-4438	6		1	CAP-FXD 470pF +-2.5% 630 V POLYP-FL	06121	B33062/470PF/2.5%/630V
C224	0160-4438	6		1	CAP-FXD 470pF +-2.5% 630 V POLYP-FL	06121	B33062/470PF/2.5%/630V
C225	0160-4438	6		1	CAP-FXD 470pF +-2.5% 630 V POLYP-FL	06121	B33062/470PF/2.5%/630V
C226	0160-5104	5		1	CAP-FXD 3900pF +-10% 200 V POLYP-FL	05176	HEW-535
C227	0160-5104	5		1	CAP-FXD 3900pF +-10% 200 V POLYP-FL	05176	HEW-535
C228	0160-4804	0		1	CAP-FXD 56pF +-5% 100 V CER C0G	09939	RPA10C0G560J100
C229	0160-4812	0		1	CAP-FXD 220pF +-5% 100 V CER C0G	09939	RPA10C0G221J100V
C230	0160-4824	4		1	CAP-FXD 680pF +-5% 100 V CER C0G	09939	RPA10C0G681J100V
C231	0160-4804	0		1	CAP-FXD 56pF +-5% 100 V CER C0G	09939	RPA10C0G560J100
C232	0160-4812	0		1	CAP-FXD 220pF +-5% 100 V CER C0G	09939	RPA10C0G221J100V
C233	0160-4824	4		1	CAP-FXD 680pF +-5% 100 V CER C0G	09939	RPA10C0G681J100V

**Indicates factory-selected value*

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C234	0160-4791	4	1	CAP-FXD 10pF +-5% 100 V CER C0G	09939	RPA10C0G100D100
C235	0160-4791	4	1	CAP-FXD 10pF +-5% 100 V CER C0G	09939	RPA10C0G100D100
C236	0160-4517	2	1	CAP-FXD 1.2pF +-20.8% 200 V CER C0G	09939	RPE110-120C0G1R2C200V
C237	0160-4791	4	1	CAP-FXD 10pF +-5% 100 V CER C0G	09939	RPA10C0G100D100
C238	0160-4791	4	1	CAP-FXD 10pF +-5% 100 V CER C0G	09939	RPA10C0G100D100
C239	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C240	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C241	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C242	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C243	0160-4811	9	1	CAP-FXD 270pF +-5% 100 V CER C0G	09939	RPA10C0G271J100V
C244	0160-5098	6	1	CAP-FXD 0.22uF +-10% 50 V CER X7R	09939	RPA40X7R224K50V
C246	0160-4521	8	1	CAP-FXD 12pF +-5% 200 V CER C0G	09939	RPE121-105C0G120J200V
C301	0180-4130	7	1	CAP-FXD 2.2uF +-10% 20 V TA	04200	173D225X9020V
C302	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C303	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C304	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C305	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C306	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C307	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C308	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C309	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C401	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C403	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C404	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C405	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C501	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C502	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C503	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C504	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C701	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C702	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C703	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C704	0160-0575	4	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	09939	RPE121-105X7R473M50V
C801	0180-4131	8	1	CAP-FXD 4.7uF +-10% 35 V TA	04200	173D105X9035W
C802	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
CR6	1990-0487	7	1	LED-LAMP LUM-INT=2MCD BVR=5V	01542	HLMP-1401
CR201	1901-0535	9	1	DIODE-SCHOTTKY SM SIG	02062	50825511
CR202	1901-0535	9	1	DIODE-SCHOTTKY SM SIG	02062	50825511
CR203	1901-0535	9	1	DIODE-SCHOTTKY SM SIG	02062	50825511
CR204	1901-0535	9	1	DIODE-SCHOTTKY SM SIG	02062	50825511
CR205	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR206	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR207	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR208	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR209	1901-0535	9	1	DIODE-SCHOTTKY SM SIG	02062	50825511
CR210	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR211	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	

HP Part Number 08562-60124 **Controller**

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
CR212	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR220	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR301	1901-0518	8	1	DIODE-SCHOTTKY SM SIG	02062	5082-5509
CR701	1902-0951	5	1	DIODE-ZNR 5.1V 5% DO-35 PD=.4W TC=+.035%	02037	SZ30035-9RL
E1	1251-4787	2	1	SHUNT-DIP 8 POSITION; DUAL INLINE PKG	01380	435704-8
E6	9170-0016	8	1	CORE-SHIELDING BEAD	28480	9170-0016
J1	1252-1064	4	1	CONN-POST TYPE .100-PIN-SPCG 50-CONT	01380	1-746878-0
J2	1252-1063	3	1	CONN-POST TYPE .100-PIN-SPCG 40-CONT	01380	746878-9
J3	1252-1062	2	1	CONN-POST TYPE .100-PIN-SPCG 30-CONT	01380	746878-7
J4	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W/O-STDF 50-OHM	05769	51-053-0349-BE8
J5	1252-1065	5	1	CONN-POST TYPE .100-PIN-SPCG 24-CONT	01380	746878-5
J6	1252-0449	7	1	CONN-POST TYPE .100-PIN-SPCG 50-CONT	01380	1-499141-0
J7	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W/O-STDF 50-OHM	05769	51-053-0349-BE8
J8	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W/O-STDF 50-OHM	05769	51-053-0349-BE8
J9	1251-5238	0	1	CONN-POST TYPE .100-PIN-SPCG 10-CONT	02946	68001-610
J10	1252-1882	4	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	02946	78208-103
J11	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J12	1252-0523	8	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	01380	641216-3
J13	1252-0523	8	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	01380	641216-3
J14	1251-5639	5	1	CONN-POST TYPE .100-PIN-SPCG 2-CONT	02946	68001-602
J201	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J202	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
L1	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
L2	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
L3	9140-0737	7	1	INDUCTOR 10UH .7D-INX.6LG-IN	01869	53156
L4	9100-3552	6	1	INDUCTOR RF-CH-MLD 1.5UH +-5%	03706	21502M-5%
L5	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +-5%	05826	1537-76
L201	9100-3560	6	1	INDUCTOR RF-CH-MLD 5.6UH +-5%	03706	25602M-5%
L202	9100-3560	6	1	INDUCTOR RF-CH-MLD 5.6UH +-5%	03706	25602M-5%
L203	9100-3912	2	1	INDUCTOR RF-CH-MLD 15UH +-5%	03706	21501M-5%
L204	9100-3912	2	1	INDUCTOR RF-CH-MLD 15UH +-5%	03706	21501M-5%
MP1	08560-20013	6	1		28480	08560-20013
MP2	1400-0866	7	1	CLAMP-CABLE .187-DIA .25-WD NYL	07158	C61332AA
MP3	0403-0026	6	7	PLUG-HOLE BDR-HD FOR .19-D-HOLE NYL	01924	207-120241-03-0101
MP4	0380-2056	6	8	SPACER-RVT-ON 17.5-MM-LG 3.8-MM-ID	02121	
MP5	1258-0141	8	3	JUMPER-REMOVABLE FOR 0.025 IN SQ PINS	02946	65474-004
NONE0834	08562-68124	2	1		28480	08562-68124
NONE0835	7121-4611	2	1	LABEL-INFORMATION .15-IN-WD .6-IN-LG	09002	
NONE0836	9320-6209	2	1	LBL-LNE-PTR; .65-IN-WD X .2-IN-LG	12532	
Q201	1854-0809	9	1	TRANSISTOR NPN 2N2369A SI TO-18 PD=360MW	02037	2N2369A
Q202	1854-0809	9	1	TRANSISTOR NPN 2N2369A SI TO-18 PD=360MW	02037	2N2369A
Q203	1854-0215	1	1	TRANSISTOR NPN SI TO-92 PD=625MW	02037	2N3904
Q204	1855-0241	5	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-72 SI	02883	SD215DE
Q205	1855-0241	5	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-72 SI	02883	SD215DE
Q206	1855-0241	5	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-72 SI	02883	SD215DE
Q207	1855-0241	5	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-72 SI	02883	SD215DE
Q208	1855-0241	5	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-72 SI	02883	SD215DE
Q301	1853-0213	7	1	TRANSISTOR PNP 2N4236 SI TO-5 PD=1W	02037	2N4236

**Indicates factory-selected value*

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HP Part Number 08562-60124 **Controller**

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
Q302	1854-0477	7	1	TRANSISTOR NPN 2N2222A SI TO-18 PD=500MW	02037	2N2222A
Q303	1855-0522	5	1	TRANSISTOR MOSFET P-CHAN E-MODE SI	03038	IRFD9120
Q801	1853-0281	9	1	TRANSISTOR PNP 2N2907A SI TO-18 PD=400MW	02037	2N2907A
R2	0698-3155	1	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R3	0757-0419	0	1	RESISTOR 681 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R4	0698-3444	1	1	RESISTOR 316 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R5	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R6	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R7	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R8	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R13	0698-3155	1	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R14	0698-7210	7	1	RESISTOR 82.5 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R15	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R201	0699-0853	2	1	RESISTOR 5.3K +-0.1% .125W TF TC=0+-50	01074	H8
R202	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R203	0698-6362	8	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R204	0698-6362	8	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R205	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R206	2100-1788	9	1	RESISTOR-TRMR 500 10% TKF TOP-ADJ 1-TRN	04568	82PR500
R207	0757-0274	5	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R208	0698-3440	7	1	RESISTOR 196 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R209	2100-4184	5	1	RESISTOR-TRMR 10K 10% TKF TOP-ADJ 1-TRN	03744	3329H-EG9-103
R210	0757-0428	1	1	RESISTOR 1.62K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R211	0757-0416	7	1	RESISTOR 511 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R212	0698-6362	8	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R213	0698-6362	8	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R214	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R215	2100-1788	9	1	RESISTOR-TRMR 500 10% TKF TOP-ADJ 1-TRN	04568	82PR500
R216	0757-0274	5	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R217	0698-3440	7	1	RESISTOR 196 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R218	2100-4194	7	1	RESISTOR-TRMR 5K 10% TKF TOP-ADJ 1-TRN	03744	3329H-EG9-502
R219	0757-0428	1	1	RESISTOR 1.62K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R220	0757-0416	7	1	RESISTOR 511 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R221	0698-6320	8	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R222	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R223	0698-6904	4	1	RESISTOR 39.2K +-0.5% .125W TF TC=0+-50	05524	CMF-55-1, T-2
R224	0698-3150	6	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R225	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R227	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R228	0698-6904	4	1	RESISTOR 39.2K +-0.5% .125W TF TC=0+-50	05524	CMF-55-1, T-2
R229	0698-3150	6	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R230	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R231	0698-6992	0	1	RESISTOR 8.947K +-0.1% .125W TF TC=0+-50	05524	CMF-55-1, T-2
R232	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R233	0757-1094	9	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R234	0698-0083	8	1	RESISTOR 1.96K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R235	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1

HP Part Number 08562-60124

Controller

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R236	0757-1094	9	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R237	0757-1094	9	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R238	0698-3444	1	1	RESISTOR 316 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R239	0698-3152	8	1	RESISTOR 3.48K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R240	0757-0428	1	1	RESISTOR 1.62K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R241	0698-3443	0	1	RESISTOR 287 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R242	0757-0279	0	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R243	0757-0278	9	1	RESISTOR 1.78K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R244	0698-3160	8	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R245	0698-3160	8	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R246	0757-0447	4	1	RESISTOR 16.2K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R247	0698-3160	8	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R248	0698-3160	8	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R249	0757-0447	4	1	RESISTOR 16.2K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R250	0699-0070	5	1	RESISTOR 3.16M +-1% .125W TF TC=0+-100	06118	MK2
R251	0698-8827	4	1	RESISTOR 1M +-1% .125W TF TC=0+-100	05524	CMF-55-1
R252	0757-0463	4	1	RESISTOR 82.5K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R253	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R255	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R256	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R257	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R258	0757-0463	4	1	RESISTOR 82.5K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R259	0698-3440	7	1	RESISTOR 196 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R260	0698-7403	0	1	RESISTOR 1.285K +-0.1% .125W TF TC=0+-50	05524	CMF-55-1, T-2
R261	0698-7403	0	1	RESISTOR 1.285K +-0.1% .125W TF TC=0+-50	05524	CMF-55-1, T-2
R262	2100-4192	5	1	RESISTOR-TRMR 50K 10% TKF TOP-ADJ 1-TRN	03744	3329H-EG9-503
R263	2100-4192	5	1	RESISTOR-TRMR 50K 10% TKF TOP-ADJ 1-TRN	03744	3329H-EG9-503
R264	0757-1094	9	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R265	0757-1094	9	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R266	0699-0068	1	1	RESISTOR 1.47M +-1% .125W TF TC=0+-100	06118	MK2
R267	0698-3159	5	1	RESISTOR 26.1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R268	2100-4184	5	1	RESISTOR-TRMR 10K 10% TKF TOP-ADJ 1-TRN	03744	3329H-EG9-103
R269	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R270	0757-0416	7	1	RESISTOR 511 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R271	2100-4194	7	1	RESISTOR-TRMR 5K 10% TKF TOP-ADJ 1-TRN	03744	3329H-EG9-502
R272	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R273	0757-0398	4	1	RESISTOR 75 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R274	0698-3160	8	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R275	0698-3160	8	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R276	0698-3155	1	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R277	0698-3155	1	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R278	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R279	0757-0458	7	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R280	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R281	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R282	0698-7261	8	1	RESISTOR 11K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R283	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R284	0698-4483	0	1	RESISTOR 18.7K +-1% .125W TF TC=0+-100	05524	CMF-55-1

*Indicates factory-selected value

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HP Part Number 08562-60124

Controller

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R285	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R286	0698-3157	3	1	RESISTOR 19.6K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R287	0699-2698	7	1	RESISTOR 422K +-1% .05W TF TC=0+-100	05524	CMF-50-T1
R288	0757-0441	8	1	RESISTOR 8.25K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R289	0698-3445	2	1	RESISTOR 348 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R290	0698-3498	5	1	RESISTOR 8.66K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R301	0698-3150	6	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R302	0757-0419	0	1	RESISTOR 681 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R303	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R304	0698-3440	7	1	RESISTOR 196 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R305	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R306	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R307	0699-0073	8	1	RESISTOR 10M +-1% .125W TF TC=0+-100	06118	MK2
R700	0698-3155	1	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R703	0698-3155	1	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R704	0757-0418	9	1	RESISTOR 619 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R705	0698-7205	0	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R801	0698-3155	1	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R802	0698-3155	1	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R803	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R804	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R805	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R806	0698-3162	0	1	RESISTOR 46.4K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R807	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R808	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R809	0698-3155	1	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
TP3	0360-2359	0	1	TERMINAL-TEST POINT .230IN ABOVE	04055	230.100
TP10	0360-2359	0	1	TERMINAL-TEST POINT .230IN ABOVE	04055	230.100
TP11	0360-2359	0	1	TERMINAL-TEST POINT .230IN ABOVE	04055	230.100
TP12	0360-2359	0	1	TERMINAL-TEST POINT .230IN ABOVE	04055	230.100
U1	1820-3532	0	1	IC-16 BIT MICROPROCESSOR /8 MHZ	02037	MC68000P8
U2	1820-1851	2	1	IC ENCDR TTL/LS PRIORITY 8-TO-3-LINE	01698	SN74LS148N
U3	1820-2075	4	1	IC TRANSCEIVER TTL/LS BUS OCTL	01698	SN74LS245N
U4	1820-1200	5	1	IC INV TTL/LS HEX	01698	SN74LS05N
U5	1820-2024	3	1	IC DRVR TTL/LS BUS OCTL	01698	SN74LS244N
U6	1820-2024	3	1	IC DRVR TTL/LS BUS OCTL	01698	SN74LS244N
U7	1810-0279	5	1	NETWORK-RES 10-SIP 4.7K OHM X 9	05524	MSP10A01-472G
U8	1810-0279	5	1	NETWORK-RES 10-SIP 4.7K OHM X 9	05524	MSP10A01-472G
U9	1810-0279	5	1	NETWORK-RES 10-SIP 4.7K OHM X 9	05524	MSP10A01-472G
U10	1820-2024	3	1	IC DRVR TTL/LS BUS OCTL	01698	SN74LS244N
U11	1820-2024	3	1	IC DRVR TTL/LS BUS OCTL	01698	SN74LS244N
U12	1820-2075	4	1	IC TRANSCEIVER TTL/LS BUS OCTL	01698	SN74LS245N
U13	1810-0279	5	1	NETWORK-RES 10-SIP 4.7K OHM X 9	05524	MSP10A01-472G
U14	1820-1208	3	1	IC GATE TTL/LS OR QUAD 2-INP	01698	SN74LS32N
U15	1810-0279	5	1	NETWORK-RES 10-SIP 4.7K OHM X 9	05524	MSP10A01-472G
U16	1810-0279	5	1	NETWORK-RES 10-SIP 4.7K OHM X 9	05524	MSP10A01-472G
U17	1810-0279	5	1	NETWORK-RES 10-SIP 4.7K OHM X 9	05524	MSP10A01-472G

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Reference Designation	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
U18	1810-0279	5	1		NETWORK-RES 10-SIP 4.7K OHM X 9	05524	MSP10A01-472G
U19	1990-0980	5	1		LED-LAMP ARRAY LUM-INT=1MCD IF=20MA-MAX	01542	HLMP-6755
U20	1810-0542	5	1		NETWORK-RES 10-SIP 10.0K OHM X 5	03744	4310R-4B4-103
U100	1SF8-0068	9	1			28480	1SF8-0068
U101	1818-3760	1	1		IC 64K SRAM 150-NS CMOS	28480	1818-3760
U102	1818-3760	1	1		IC 64K SRAM 150-NS CMOS	28480	1818-3760
U103	1820-1438	1	1		IC MUXR/DATA-SEL TTL/LS 2-TO-1-LINE QUAD	01698	SN74LS257BN
U104	1820-1438	1	1		IC MUXR/DATA-SEL TTL/LS 2-TO-1-LINE QUAD	01698	SN74LS257BN
U105	1820-1438	1	1		IC MUXR/DATA-SEL TTL/LS 2-TO-1-LINE QUAD	01698	SN74LS257BN
U106	1820-1322	2	1		IC GATE TTL/S NOR QUAD 2-INP	01698	SN74S02N
U201	1826-0716	8	1		IC OP AMP LOW-NOISE DUAL 8 PIN DIP-C	02910	NE5532AFE
U202	1826-1422	5	1		IC OP AMP WB QUAD 14 PIN DIP-P	02037	MC34084P
U203	1826-0716	8	1		IC OP AMP LOW-NOISE DUAL 8 PIN DIP-C	02910	NE5532AFE
U204	1826-0938	6	1		D/A 10-BIT 18-CERDIP BPLR	03285	DAC-10FX
U205	1826-0938	6	1		D/A 10-BIT 18-CERDIP BPLR	03285	DAC-10FX
U206	1820-1202	7	1		IC GATE TTL/LS NAND TPL 3-INP	01698	SN74LS10N
U207	1826-1012	9	1		ANALOG SWITCH 4 SPST 16 -CERDIP	03799	HI1-0201-4
U208	1826-0783	9	1		IC OP AMP LOW-NOISE 8 PIN DIP-C	02910	NE5534AFE
U209	1826-0610	1	1		ANALOG MULTIPLEXER 4 CHNL 16 -CERDIP	03285	MUX-24FQ
U210	1826-1422	5	1		IC OP AMP WB QUAD 14 PIN DIP-P	02037	MC34084P
U211	1826-1422	5	1		IC OP AMP WB QUAD 14 PIN DIP-P	02037	MC34084P
U212	1826-1231	4	1		D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U213	1820-1144	6	1		IC GATE TTL/LS NOR QUAD 2-INP	01698	SN74LS02N
U214	1820-1112	8	1		IC FF TTL/LS D-TYPE POS-EDGE-TRIG	01698	SN74LS74AN
U215	1820-1423	4	1		IC MV TTL/LS MONOSTBL RETRIG DUAL	01698	SN74LS123N
U216	1826-0783	9	1		IC OP AMP LOW-NOISE 8 PIN DIP-C	02910	NE5534AFE
U217	1826-0412	1	1		IC COMPARATOR PRCN DUAL 8 PIN DIP-P	03406	LM393N
U300	1818-4686	2	1		IC 256K SRAM 100-NS CMOS	28480	1818-4686
U301	1818-4686	2	1		IC 256K SRAM 100-NS CMOS	28480	1818-4686
U302	1820-5497	0	1		IC-NONVOLATILE MEMORY CONTROLLER	12186	DS1210
U306	08562-80198	6	1			28480	08562-80198
U307	08562-80199	7	1			28480	08562-80199
U308	08562-80200	1	1			28480	08562-80200
U309	08562-80201	2	1			28480	08562-80201
U401	08560-80010	9	1			28480	08560-80010
U402	1820-3972	2	1		IC OSC TTL/LS	01698	SN74LS321N
U403	1820-1449	4	1		IC GATE TTL/S OR QUAD 2-INP	01698	SN74S32N
U404	1820-1199	1	1		IC INV TTL/LS HEX 1-INP	01698	SN74LS04N
U405	1820-1216	3	1		IC DCDR TTL/LS BIN 3-TO-8-LINE 3-INP	01698	SN74LS138N
U406	08560-80011	0	1			28480	08560-80011
U407	1820-0681	4	1		IC GATE TTL/S NAND QUAD 2-INP	01698	SN74S00N
U408	1820-1449	4	1		IC GATE TTL/S OR QUAD 2-INP	01698	SN74S32N
U501	08562-80186	2	1			28480	08562-80186
U502	1820-1445	0	1		IC LCH TTL/LS TRANSPARENT 4-BIT	01698	SN74LS375N
U503	1820-2548	6	1		IC-GENERAL PURPOSE INTERFACE BUS ADAPTER	01698	
U504	1820-3431	8	1		IC-INTERFACE XCVR MISC/UNKNOWN	03406	DS75160AN
U505	1820-3513	7	1		IC-INTERFACE XCVR MISC/UNKNOWN	03406	DS75161AN
U506	1820-1858	9	1		IC FF TTL/LS D-TYPE POS-EDGE-TRIG COM	01698	SN74LS377N

*Indicates factory-selected value

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HP Part Number 08562-60124**Controller**

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
U507	1820-1858	9	1	IC FF TTL/LS D-TYPE POS-EDGE-TRIG COM	01698	SN74LS377N
U508	1820-2024	3	1	IC DRVR TTL/LS BUS OCTL	01698	SN74LS244N
U509	1820-1144	6	1	IC GATE TTL/LS NOR QUAD 2-INP	01698	SN74LS02N
U510	1820-1208	3	1	IC GATE TTL/LS OR QUAD 2-INP	01698	SN74LS32N
U511	1820-1197	9	1	IC GATE TTL/LS NAND QUAD 2-INP	01698	SN74LS00N
U512	1820-1198	0	1	IC GATE TTL/LS NAND QUAD 2-INP	01698	SN74LS03N
U513	1820-1203	8	1	IC GATE TTL/LS AND TPL 3-INP	01698	SN74LS11N
U700	1820-3425	0	1	IC-PROGRAMMABLE INTERVAL TIMER,DC-10MHZ	03811	D8254-2
U701	1820-1112	8	1	IC FF TTL/LS D-TYPE POS-EDGE-TRIG	01698	SN74LS74AN
U702	1820-1435	8	1	IC CNTR TTL/LS BIN UP/DOWN SYNCHRO	01698	SN74LS669N
U703	1820-2096	9	1	IC CNTR TTL/LS BIN ASYNCHRO	01698	SN74LS393N
U704	1820-1238	9	1	IC MUXR/DATA-SEL TTL/LS 4-TO-1-LINE DUAL	01698	SN74LS253N
U705	1820-0723	5	1	IC-INTERFACE RCVR BIPOLAR LINE RCVR DUAL	01698	SN75107AN
U801	1826-0412	1	1	IC COMPARATOR PRCN DUAL 8 PIN DIP-P	03406	LM393N
W1	8159-0005	0	1	RESISTOR 0 CWM	01339	L-2007-1
W3	8159-0005	0	1	RESISTOR 0 CWM	01339	L-2007-1
XE1	1200-0607	0	1	SOCKET-IC-DIP 16-CONT DIP DIP-SLDR	01380	2-641600-1
XU306	1200-1314	8	1	SOCKET-IC-DIP 32-CONT DIP DIP-SLDR	01380	2-644018-1
XU307	1200-1314	8	1	SOCKET-IC-DIP 32-CONT DIP DIP-SLDR	01380	2-644018-1
XU308	1200-1314	8	1	SOCKET-IC-DIP 32-CONT DIP DIP-SLDR	01380	2-644018-1
XU309	1200-1314	8	1	SOCKET-IC-DIP 32-CONT DIP DIP-SLDR	01380	2-644018-1
XU310	1200-1314	8	1	SOCKET-IC-DIP 32-CONT DIP DIP-SLDR	01380	2-644018-1
XU311	1200-1314	8	1	SOCKET-IC-DIP 32-CONT DIP DIP-SLDR	01380	2-644018-1
XU501	1200-0541	1	1	SOCKET-IC-DIP 24-CONT DIP DIP-SLDR	01380	2-641604-1
Y1	0410-1865	8	1	CRYSTAL-QUARTZ 16.000 MHZ HC-18/U-HLDR	02483	

HP Part Number 08562-60151

Controller

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C1	0180-4136	3	1	CAP-FXD 10uF +-10% 20 V TA	04200	173D106X9020W
C2	0180-4132	9	1	CAP-FXD 6.8uF +-10% 35 V TA	04200	173D685X9035X
C3	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C4	0180-4132	9	1	CAP-FXD 6.8uF +-10% 35 V TA	04200	173D685X9035X
C5	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C6	0180-4135	2	1	CAP-FXD 33uF +-10% 10 V TA	04200	173D336X9010X
C7	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C8	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C9	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C10	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C11	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C12	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C101	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C102	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C103	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C201	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C202	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C203	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C204	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C205	0160-4791	4	1	CAP-FXD 10pF +-5% 100 V CER C0G	09939	RPA10C0G100D100
C206	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C207	0160-4791	4	1	CAP-FXD 10pF +-5% 100 V CER C0G	09939	RPA10C0G100D100
C208	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C209	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C210	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C211	0160-4517	2	1	CAP-FXD 1.2pF +-20.8% 200 V CER C0G	09939	RPE110-120C0G1R2C200V
C212	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C213	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C214	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C215	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C216	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C217	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C218	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C219	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C220	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C221	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C222	0160-5422	0	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	09939	RPA20X7R473M50V
C223	0160-4438	6	1	CAP-FXD 470pF +-2.5% 630 V POLYP-FL	06121	B33062/470PF/2.5%/630V
C224	0160-4438	6	1	CAP-FXD 470pF +-2.5% 630 V POLYP-FL	06121	B33062/470PF/2.5%/630V
C225	0160-4438	6	1	CAP-FXD 470pF +-2.5% 630 V POLYP-FL	06121	B33062/470PF/2.5%/630V
C226	0160-5104	5	1	CAP-FXD 3900pF +-10% 200 V POLYP-FL	05176	HEW-535
C227	0160-5104	5	1	CAP-FXD 3900pF +-10% 200 V POLYP-FL	05176	HEW-535
C228	0160-4804	0	1	CAP-FXD 56pF +-5% 100 V CER C0G	09939	RPA10C0G560J100
C229	0160-4812	0	1	CAP-FXD 220pF +-5% 100 V CER C0G	09939	RPA10C0G221J100V
C230	0160-4824	4	1	CAP-FXD 680pF +-5% 100 V CER C0G	09939	RPA10C0G681J100V
C231	0160-4804	0	1	CAP-FXD 56pF +-5% 100 V CER C0G	09939	RPA10C0G560J100
C232	0160-4812	0	1	CAP-FXD 220pF +-5% 100 V CER C0G	09939	RPA10C0G221J100V
C233	0160-4824	4	1	CAP-FXD 680pF +-5% 100 V CER C0G	09939	RPA10C0G681J100V

*Indicates factory-selected value

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HP Part Number 08562-60151 **Controller**

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C234	0160-4791	4	1	CAP-FXD 10pF +-5% 100 V CER COG	09939	RPA10C0G100D100
C235	0160-4791	4	1	CAP-FXD 10pF +-5% 100 V CER COG	09939	RPA10C0G100D100
C236	0160-4517	2	1	CAP-FXD 1.2pF +-20.8% 200 V CER COG	09939	RPE110-120C0G1R2C200V
C237	0160-4791	4	1	CAP-FXD 10pF +-5% 100 V CER COG	09939	RPA10C0G100D100
C238	0160-4791	4	1	CAP-FXD 10pF +-5% 100 V CER COG	09939	RPA10C0G100D100
C239	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C240	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C241	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C242	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C243	0160-4811	9	1	CAP-FXD 270pF +-5% 100 V CER COG	09939	RPA10C0G271J100V
C244	0160-5098	6	1	CAP-FXD 0.22uF +-10% 50 V CER X7R	09939	RPA40X7R224K50V
C246	0160-4521	8	1	CAP-FXD 12pF +-5% 200 V CER COG	09939	RPE121-105C0G120J200V
C301	0180-4130	7	1	CAP-FXD 2.2uF +-10% 20 V TA	04200	173D225X9020V
C302	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C303	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C304	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C305	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C306	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C307	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C308	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C309	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C401	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C403	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C404	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C405	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C501	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C502	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C503	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C504	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C701	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C702	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C703	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C801	0180-4131	8	1	CAP-FXD 4.7uF +-10% 35 V TA	04200	173D105X9035W
C802	0160-4557	0	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPA30X7R104M50V
CR6	1990-0487	7	1	LED-LAMP LUM-INT=2MCD BVR=5V	01542	HLMP-1401
CR201	1901-0535	9	1	DIODE-SCHOTTKY SM SIG	02062	50825511
CR202	1901-0535	9	1	DIODE-SCHOTTKY SM SIG	02062	50825511
CR203	1901-0535	9	1	DIODE-SCHOTTKY SM SIG	02062	50825511
CR204	1901-0535	9	1	DIODE-SCHOTTKY SM SIG	02062	50825511
CR205	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR206	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR207	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR208	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR209	1901-0535	9	1	DIODE-SCHOTTKY SM SIG	02062	50825511
CR210	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR211	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR212	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
CR220	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR301	1901-0518	8	1	DIODE-SCHOTTKY SM SIG	02062	5082-5509
CR701	1902-0951	5	1	DIODE-ZNR 5.1V 5% D0-35 PD=.4W TC=+.035%	02037	SZ30035-9RL
E1	1251-4787	2	1	SHUNT-DIP 8 POSITION; DUAL INLINE PKG	01380	435704-8
E6	9170-0016	8	1	CORE-SHIELDING BEAD	28480	9170-0016
J1	1252-1064	4	1	CONN-POST TYPE .100-PIN-SPCG 50-CONT	01380	1-746878-0
J2	1252-1063	3	1	CONN-POST TYPE .100-PIN-SPCG 40-CONT	01380	746878-9
J3	1252-1062	2	1	CONN-POST TYPE .100-PIN-SPCG 30-CONT	01380	746878-7
J4	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W/O-STDF 50-OHM	05769	51-053-0349-BE8
J5	1252-1065	5	1	CONN-POST TYPE .100-PIN-SPCG 24-CONT	01380	746878-5
J6	1252-0449	7	1	CONN-POST TYPE .100-PIN-SPCG 50-CONT	01380	1-499141-0
J7	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W/O-STDF 50-OHM	05769	51-053-0349-BE8
J8	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W/O-STDF 50-OHM	05769	51-053-0349-BE8
J9	1251-5238	0	1	CONN-POST TYPE .100-PIN-SPCG 10-CONT	02946	68001-610
J10	1252-1882	4	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	02946	78208-103
J11	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J12	1252-0523	8	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	01380	641216-3
J13	1252-0523	8	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	01380	641216-3
J14	1251-5639	5	1	CONN-POST TYPE .100-PIN-SPCG 2-CONT	02946	68001-602
J201	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J202	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
L1	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
L2	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
L3	9140-0737	7	1	INDUCTOR 10UH .7D-INX.6LG-IN	01869	53156
L4	9100-3552	6	1	INDUCTOR RF-CH-MLD 1.5UH +-5%	03706	21502M-5X
L5	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +-5%	05826	1537-76
L201	9100-3560	6	1	INDUCTOR RF-CH-MLD 5.6UH +-5%	03706	25602M-5X
L202	9100-3560	6	1	INDUCTOR RF-CH-MLD 5.6UH +-5%	03706	25602M-5X
L203	9100-3912	2	1	INDUCTOR RF-CH-MLD 15UH +-5%	03706	21501M-5X
L204	9100-3912	2	1	INDUCTOR RF-CH-MLD 15UH +-5%	03706	21501M-5X
MP1	08560-20013	6	1		28480	08560-20013
MP2	1400-0866	7	1	CLAMP-CABLE .187-DIA .25-WD NYL	07158	C61332AA
MP3	0403-0026	6	7	PLUG-HOLE BDR-HD FOR .19-D-HOLE NYL	01924	207-120241-03-0101
MP4	0380-2056	6	8	SPACER-RVT-ON 17.5-MM-LG 3.8-MM-ID	02121	
MP5	1258-0141	8	3	JUMPER-REMOVABLE FOR 0.025 IN SQ PINS	02946	65474-004
NONE0873	7121-4611	2	1	LABEL-INFORMATION .15-IN-WD .6-IN-LG	09002	
NONE0874	9320-6209	2	1	LBL-LNE-PTR; .65-IN-WD X .2-IN-LG	12532	
Q201	1854-0809	9	1	TRANSISTOR NPN 2N2369A SI TO-18 PD=360MW	02037	2N2369A
Q202	1854-0809	9	1	TRANSISTOR NPN 2N2369A SI TO-18 PD=360MW	02037	2N2369A
Q203	1854-0215	1	1	TRANSISTOR NPN SI TO-92 PD=625MW	02037	2N3904
Q204	1855-0241	5	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-72 SI	02883	SD215DE
Q205	1855-0241	5	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-72 SI	02883	SD215DE
Q206	1855-0241	5	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-72 SI	02883	SD215DE
Q207	1855-0241	5	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-72 SI	02883	SD215DE
Q208	1855-0241	5	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-72 SI	02883	SD215DE
Q301	1853-0213	7	1	TRANSISTOR PNP 2N4236 SI TO-5 PD=1W	02037	2N4236
Q302	1854-0477	7	1	TRANSISTOR NPN 2N2222A SI TO-18 PD=500MW	02037	2N2222A
Q303	1855-0522	5	1	TRANSISTOR MOSFET P-CHAN E-MODE SI	03038	IRFD9120

*Indicates factory-selected value

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Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
Q801	1853-0281	9	1	TRANSISTOR PNP 2N2907A SI TO-18 PD=400MW	02037	2N2907A
R2	0698-3155	1	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R3	0757-0419	0	1	RESISTOR 681 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R4	0698-3444	1	1	RESISTOR 316 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R5	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R6	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R7	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R8	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R13	0698-3155	1	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R14	0698-7210	7	1	RESISTOR 82.5 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R15	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R201	0699-0853	2	1	RESISTOR 5.3K +-0.1% .125W TF TC=0+-50	01074	H8
R202	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R203	0698-6362	8	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R204	0698-6362	8	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R205	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R206	2100-1788	9	1	RESISTOR-TRMR 500 10% TKF TOP-ADJ 1-TRN	04568	82PR500
R207	0757-0274	5	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R208	0698-3440	7	1	RESISTOR 196 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R209	2100-4184	5	1	RESISTOR-TRMR 10K 10% TKF TOP-ADJ 1-TRN	03744	3329H-EG9-103
R210	0757-0428	1	1	RESISTOR 1.62K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R211	0757-0416	7	1	RESISTOR 511 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R212	0698-6362	8	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R213	0698-6362	8	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R214	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R215	2100-1788	9	1	RESISTOR-TRMR 500 10% TKF TOP-ADJ 1-TRN	04568	82PR500
R216	0757-0274	5	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R217	0698-3440	7	1	RESISTOR 196 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R218	2100-4194	7	1	RESISTOR-TRMR 5K 10% TKF TOP-ADJ 1-TRN	03744	3329H-EG9-502
R219	0757-0428	1	1	RESISTOR 1.62K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R220	0757-0416	7	1	RESISTOR 511 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R221	0698-6320	8	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R222	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R223	0698-6904	4	1	RESISTOR 39.2K +-0.5% .125W TF TC=0+-50	05524	CMF-55-1, T-2
R224	0698-3150	6	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R225	0698-0084	9	1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R227	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R228	0698-6904	4	1	RESISTOR 39.2K +-0.5% .125W TF TC=0+-50	05524	CMF-55-1, T-2
R229	0698-3150	6	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R230	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R231	0698-6992	0	1	RESISTOR 8.947K +-0.1% .125W TF TC=0+-50	05524	CMF-55-1, T-2
R232	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R233	0757-1094	9	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R234	0698-0083	8	1	RESISTOR 1.96K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R235	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R236	0757-1094	9	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R237	0757-1094	9	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1

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Reference Designation	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
R238	0698-3444	1	1	1	RESISTOR 316 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R239	0698-3152	8	1	1	RESISTOR 3.48K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R240	0757-0428	1	1	1	RESISTOR 1.62K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R241	0698-3443	0	1	1	RESISTOR 287 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R242	0757-0279	0	1	1	RESISTOR 3.16K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R243	0757-0278	9	1	1	RESISTOR 1.78K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R244	0698-3160	8	1	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R245	0698-3160	8	1	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R246	0757-0447	4	1	1	RESISTOR 16.2K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R247	0698-3160	8	1	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R248	0698-3160	8	1	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R249	0757-0447	4	1	1	RESISTOR 16.2K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R250	0699-0070	5	1	1	RESISTOR 3.16M +-1% .125W TF TC=0+-100	06118	MK2
R251	0698-8827	4	1	1	RESISTOR 1M +-1% .125W TF TC=0+-100	05524	CMF-55-1
R252	0757-0463	4	1	1	RESISTOR 82.5K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R253	0757-0465	6	1	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R255	0757-0442	9	1	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R256	0757-0401	0	1	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R257	0757-0442	9	1	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R258	0757-0463	4	1	1	RESISTOR 82.5K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R259	0698-3440	7	1	1	RESISTOR 196 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R260	0698-7403	0	1	1	RESISTOR 1.285K +-0.1% .125W TF TC=0+-50	05524	CMF-55-1, T-2
R261	0698-7403	0	1	1	RESISTOR 1.285K +-0.1% .125W TF TC=0+-50	05524	CMF-55-1, T-2
R262	2100-4192	5	1	1	RESISTOR-TRMR 50K 10% TKF TOP-ADJ 1-TRN	03744	3329H-EG9-503
R263	2100-4192	5	1	1	RESISTOR-TRMR 50K 10% TKF TOP-ADJ 1-TRN	03744	3329H-EG9-503
R264	0757-1094	9	1	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R265	0757-1094	9	1	1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R266	0699-0068	1	1	1	RESISTOR 1.47M +-1% .125W TF TC=0+-100	06118	MK2
R267	0698-3159	5	1	1	RESISTOR 26.1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R268	2100-4184	5	1	1	RESISTOR-TRMR 10K 10% TKF TOP-ADJ 1-TRN	03744	3329H-EG9-103
R269	0757-0401	0	1	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R270	0757-0416	7	1	1	RESISTOR 511 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R271	2100-4194	7	1	1	RESISTOR-TRMR 5K 10% TKF TOP-ADJ 1-TRN	03744	3329H-EG9-502
R272	0757-0438	3	1	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R273	0757-0398	4	1	1	RESISTOR 75 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R274	0698-3160	8	1	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R275	0698-3160	8	1	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R276	0698-3155	1	1	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R277	0698-3155	1	1	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R278	0757-0442	9	1	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R279	0757-0458	7	1	1	RESISTOR 51.1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R280	0757-0465	6	1	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R281	0757-0401	0	1	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R282	0698-7261	8	1	1	RESISTOR 11K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R283	0698-7260	7	1	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R284	0698-4483	0	1	1	RESISTOR 18.7K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R285	0757-0442	9	1	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R286	0698-3157	3	1	1	RESISTOR 19.6K +-1% .125W TF TC=0+-100	05524	CMF-55-1

*Indicates factory-selected value

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HP Part Number 08562-60151 **Controller**

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R287	0699-2698	7	1	RESISTOR 422K +-1% .05W TF TC=0+-100	05524	CMF-50-T1
R288	0757-0441	8	1	RESISTOR 8.25K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R289	0698-3445	2	1	RESISTOR 348 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R290	0698-3498	5	1	RESISTOR 8.66K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R301	0698-3150	6	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R302	0757-0419	0	1	RESISTOR 681 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R303	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R304	0698-3440	7	1	RESISTOR 196 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R305	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R306	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R307	0699-0073	8	1	RESISTOR 10M +-1% .125W TF TC=0+-100	06118	MK2
R700	0698-3155	1	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R701	0757-0274	5	1	RESISTOR 1.21K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R702	0698-3153	9	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R703	0698-3155	1	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R704	0757-0418	9	1	RESISTOR 619 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R801	0698-3155	1	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R802	0698-3155	1	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R803	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R804	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R805	0757-0317	7	1	RESISTOR 1.33K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R806	0698-3162	0	1	RESISTOR 46.4K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R807	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R808	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R809	0698-3155	1	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
TP3	0360-2359	0	1	TERMINAL-TEST POINT .230IN ABOVE	04055	230.100
TP10	0360-2359	0	1	TERMINAL-TEST POINT .230IN ABOVE	04055	230.100
TP11	0360-2359	0	1	TERMINAL-TEST POINT .230IN ABOVE	04055	230.100
TP12	0360-2359	0	1	TERMINAL-TEST POINT .230IN ABOVE	04055	230.100
U1	1820-3532	0	1	IC-16 BIT MICROPROCESSOR /8 MHZ	02037	MC68000P8
U2	1820-1851	2	1	IC ENCDR TTL/LS PRIORITY 8-TO-3-LINE	01698	SN74LS148N
U3	1820-2075	4	1	IC TRANSCEIVER TTL/LS BUS OCTL	01698	SN74LS245N
U4	1820-1200	5	1	IC INV TTL/LS HEX	01698	SN74LS05N
U5	1820-2024	3	1	IC DRVR TTL/LS BUS OCTL	01698	SN74LS244N
U6	1820-2024	3	1	IC DRVR TTL/LS BUS OCTL	01698	SN74LS244N
U7	1810-0279	5	1	NETWORK-RES 10-SIP 4.7K OHM X 9	05524	MSP10A01-472G
U8	1810-0279	5	1	NETWORK-RES 10-SIP 4.7K OHM X 9	05524	MSP10A01-472G
U9	1810-0279	5	1	NETWORK-RES 10-SIP 4.7K OHM X 9	05524	MSP10A01-472G
U10	1820-2024	3	1	IC DRVR TTL/LS BUS OCTL	01698	SN74LS244N
U11	1820-2024	3	1	IC DRVR TTL/LS BUS OCTL	01698	SN74LS244N
U12	1820-2075	4	1	IC TRANSCEIVER TTL/LS BUS OCTL	01698	SN74LS245N
U13	1810-0279	5	1	NETWORK-RES 10-SIP 4.7K OHM X 9	05524	MSP10A01-472G
U14	1820-1208	3	1	IC GATE TTL/LS OR QUAD 2-INP	01698	SN74LS32N
U15	1810-0279	5	1	NETWORK-RES 10-SIP 4.7K OHM X 9	05524	MSP10A01-472G
U16	1810-0279	5	1	NETWORK-RES 10-SIP 4.7K OHM X 9	05524	MSP10A01-472G
U17	1810-0279	5	1	NETWORK-RES 10-SIP 4.7K OHM X 9	05524	MSP10A01-472G
U18	1810-0279	5	1	NETWORK-RES 10-SIP 4.7K OHM X 9	05524	MSP10A01-472G

HP Part Number 08562-60151

Controller

Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
U19	1990-0980	5	1	LED-LAMP ARRAY LUM-INT=1MCD IF=20MA-MAX	01542	HLMP-6755
U20	1810-0542	5	1	NETWORK-RES 10-SIP 10.0K OHM X 5	03744	4310R-484-103
U100	1SF8-0068	9	1		28480	1SF8-0068
U101	1818-3760	1	1	IC 64K SRAM 150-NS CMOS	28480	1818-3760
U102	1818-3760	1	1	IC 64K SRAM 150-NS CMOS	28480	1818-3760
U103	1820-1438	1	1	IC MUXR/DATA-SEL TTL/LS 2-TO-1-LINE QUAD	01698	SN74LS257BN
U104	1820-1438	1	1	IC MUXR/DATA-SEL TTL/LS 2-TO-1-LINE QUAD	01698	SN74LS257BN
U105	1820-1438	1	1	IC MUXR/DATA-SEL TTL/LS 2-TO-1-LINE QUAD	01698	SN74LS257BN
U106	1820-1322	2	1	IC GATE TTL/S NOR QUAD 2-INP	01698	SN74S02N
U201	1826-0716	8	1	IC OP AMP LOW-NOISE DUAL 8 PIN DIP-C	02910	NE5532AFE
U202	1826-1422	5	1	IC OP AMP WB QUAD 14 PIN DIP-P	02037	MC34084P
U203	1826-0716	8	1	IC OP AMP LOW-NOISE DUAL 8 PIN DIP-C	02910	NE5532AFE
U204	1826-0938	6	1	D/A 10-BIT 18-CERDIP BPLR	03285	DAC-10FX
U205	1826-0938	6	1	D/A 10-BIT 18-CERDIP BPLR	03285	DAC-10FX
U206	1820-1202	7	1	IC GATE TTL/LS NAND TPL 3-INP	01698	SN74LS10N
U207	1826-1012	9	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03799	H11-0201-4
U208	1826-0783	9	1	IC OP AMP LOW-NOISE 8 PIN DIP-C	02910	NE5534AFE
U209	1826-0610	1	1	ANALOG MULTIPLEXER 4 CHNL 16 -CERDIP	03285	MUX-24FQ
U210	1826-1422	5	1	IC OP AMP WB QUAD 14 PIN DIP-P	02037	MC34084P
U211	1826-1422	5	1	IC OP AMP WB QUAD 14 PIN DIP-P	02037	MC34084P
U212	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U213	1820-1144	6	1	IC GATE TTL/LS NOR QUAD 2-INP	01698	SN74LS02N
U214	1820-1112	8	1	IC FF TTL/LS D-TYPE POS-EDGE-TRIG	01698	SN74LS74AN
U215	1820-1423	4	1	IC MV TTL/LS MONOSTBL RETRIG DUAL	01698	SN74LS123N
U216	1826-0783	9	1	IC OP AMP LOW-NOISE 8 PIN DIP-C	02910	NE5534AFE
U217	1826-0412	1	1	IC COMPARATOR PRCN DUAL 8 PIN DIP-P	03406	LM393N
U300	1818-4686	2	1	IC 256K SRAM 100-NS CMOS	28480	1818-4686
U301	1818-4686	2	1	IC 256K SRAM 100-NS CMOS	28480	1818-4686
U302	1820-5497	0	1	IC-NONVOLATILE MEMORY CONTROLLER	12186	DS1210
U306	08562-80198	6	1		28480	08562-80198
U307	08562-80199	7	1		28480	08562-80199
U308	08562-80200	1	1		28480	08562-80200
U309	08562-80201	2	1		28480	08562-80201
U401	08560-80010	9	1		28480	08560-80010
U402	1820-3972	2	1	IC OSC TTL/LS	01698	SN74LS321N
U403	1820-1449	4	1	IC GATE TTL/S OR QUAD 2-INP	01698	SN74S32N
U404	1820-1199	1	1	IC INV TTL/LS HEX 1-INP	01698	SN74LS04N
U405	1820-1216	3	1	IC DCDR TTL/LS BIN 3-TO-8-LINE 3-INP	01698	SN74LS138N
U406	08560-80011	0	1		28480	08560-80011
U407	1820-0681	4	1	IC GATE TTL/S NAND QUAD 2-INP	01698	SN74S00N
U408	1820-1449	4	1	IC GATE TTL/S OR QUAD 2-INP	01698	SN74S32N
U501	08562-80186	2	1		28480	08562-80186
U502	1820-1445	0	1	IC LCH TTL/LS TRANSPARENT 4-BIT	01698	SN74LS375N
U503	1820-2548	6	1	IC-GENERAL PURPOSE INTERFACE BUS ADAPTER	01698	
U504	1820-3431	8	1	IC-INTERFACE XCVR MISC/UNKNOWN	03406	DS75160AN
U505	1820-3513	7	1	IC-INTERFACE XCVR MISC/UNKNOWN	03406	DS75161AN
U506	1820-1858	9	1	IC FF TTL/LS D-TYPE POS-EDGE-TRIG COM	01698	SN74LS377N
U507	1820-1858	9	1	IC FF TTL/LS D-TYPE POS-EDGE-TRIG COM	01698	SN74LS377N

*Indicates factory-selected value

08562-60151 Parts List
Page 7 of 8

HP Part Number 08562-60151 **Controller**

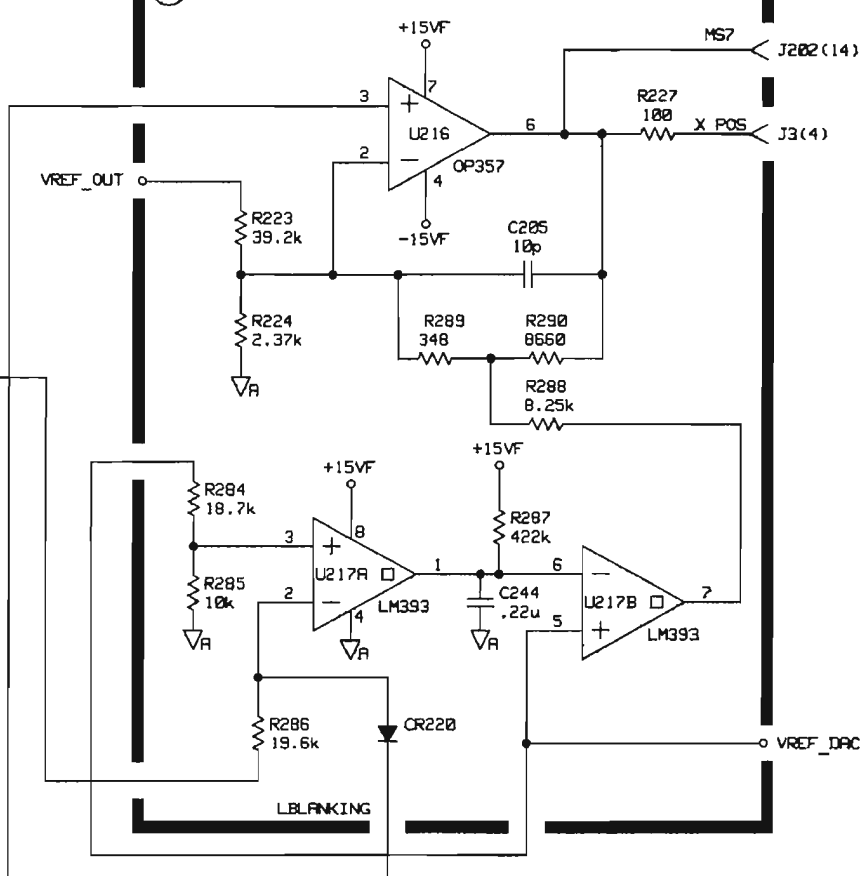
Reference Designation	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
U508	1820-2024	3	1	IC DRVR TTL/LS BUS OCTL	01698	SN74LS244N
U509	1820-1144	6	1	IC GATE TTL/LS NOR QUAD 2-INP	01698	SN74LS02N
U510	1820-1208	3	1	IC GATE TTL/LS OR QUAD 2-INP	01698	SN74LS32N
U511	1820-1197	9	1	IC GATE TTL/LS NAND QUAD 2-INP	01698	SN74LS00N
U512	1820-1198	0	1	IC GATE TTL/LS NAND QUAD 2-INP	01698	SN74LS03N
U513	1820-1203	8	1	IC GATE TTL/LS AND TPL 3-INP	01698	SN74LS11N
U700	1820-3425	0	1	IC-PROGRAMMABLE INTERVAL TIMER,DC-10MHZ	03811	D8254-2
U701	1820-1112	8	1	IC FF TTL/LS D-TYPE POS-EDGE-TRIG	01698	SN74LS74AN
U702	1820-1435	8	1	IC CNTR TTL/LS BIN UP/DOWN SYNCHRO	01698	SN74LS669N
U703	1820-2096	9	1	IC CNTR TTL/LS BIN ASYNCHRO	01698	SN74LS393N
U704	1820-1238	9	1	IC MUXR/DATA-SEL TTL/LS 4-TO-1-LINE DUAL	01698	SN74LS253N
U705	1820-0723	5	1	IC-INTERFACE RCVR BIPOLAR LINE RCVR DUAL	01698	SN75107AN
U801	1826-0412	1	1	IC COMPARATOR PRCN DUAL 8 PIN DIP-P	03406	LM393N
W1	8159-0005	0	1	RESISTOR 0 CWM	01339	L-2007-1
W3	8159-0005	0	1	RESISTOR 0 CWM	01339	L-2007-1
XE1	1200-0607	0	1	SOCKET-IC-DIP 16-CONT DIP DIP-SLDR	01380	2-641600-1
XU306	1200-1314	8	1	SOCKET-IC-DIP 32-CONT DIP DIP-SLDR	01380	2-644018-1
XU307	1200-1314	8	1	SOCKET-IC-DIP 32-CONT DIP DIP-SLDR	01380	2-644018-1
XU308	1200-1314	8	1	SOCKET-IC-DIP 32-CONT DIP DIP-SLDR	01380	2-644018-1
XU309	1200-1314	8	1	SOCKET-IC-DIP 32-CONT DIP DIP-SLDR	01380	2-644018-1
XU310	1200-1314	8	1	SOCKET-IC-DIP 32-CONT DIP DIP-SLDR	01380	2-644018-1
XU311	1200-1314	8	1	SOCKET-IC-DIP 32-CONT DIP DIP-SLDR	01380	2-644018-1
XU501	1200-0541	1	1	SOCKET-IC-DIP 24-CONT DIP DIP-SLDR	01380	2-641604-1
Y1	0410-1865	8	1	CRYSTAL-QUARTZ 16.000 MHZ HC-18/U-HLDR	02483	

D-08563-60024-1

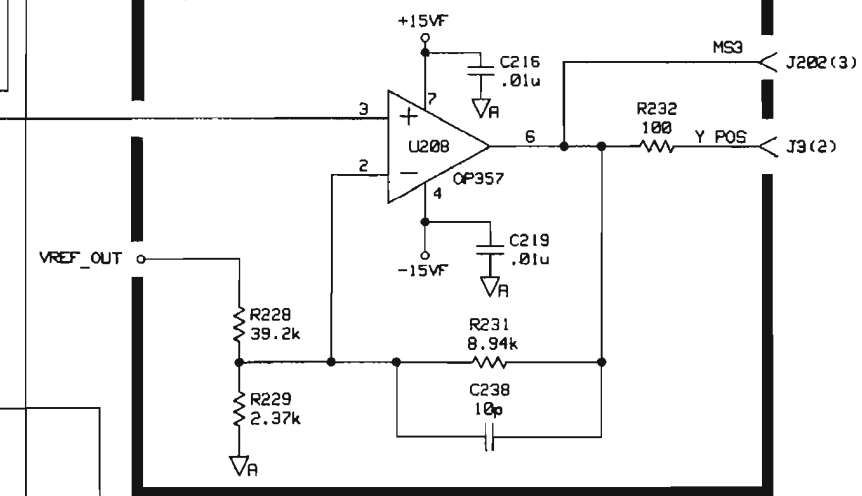
REVISIONS		APPROVED		DATE	
SYM					
A	RELEASED PER PCO 53-06083 BC			3-23-92	

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SIGNAL			
REC. CLK			
BLANK			
ONTOVFLTRQ			
REC. CLK			
DEF1			
DEF2			
DEF3			
DEF4			
DEF5			
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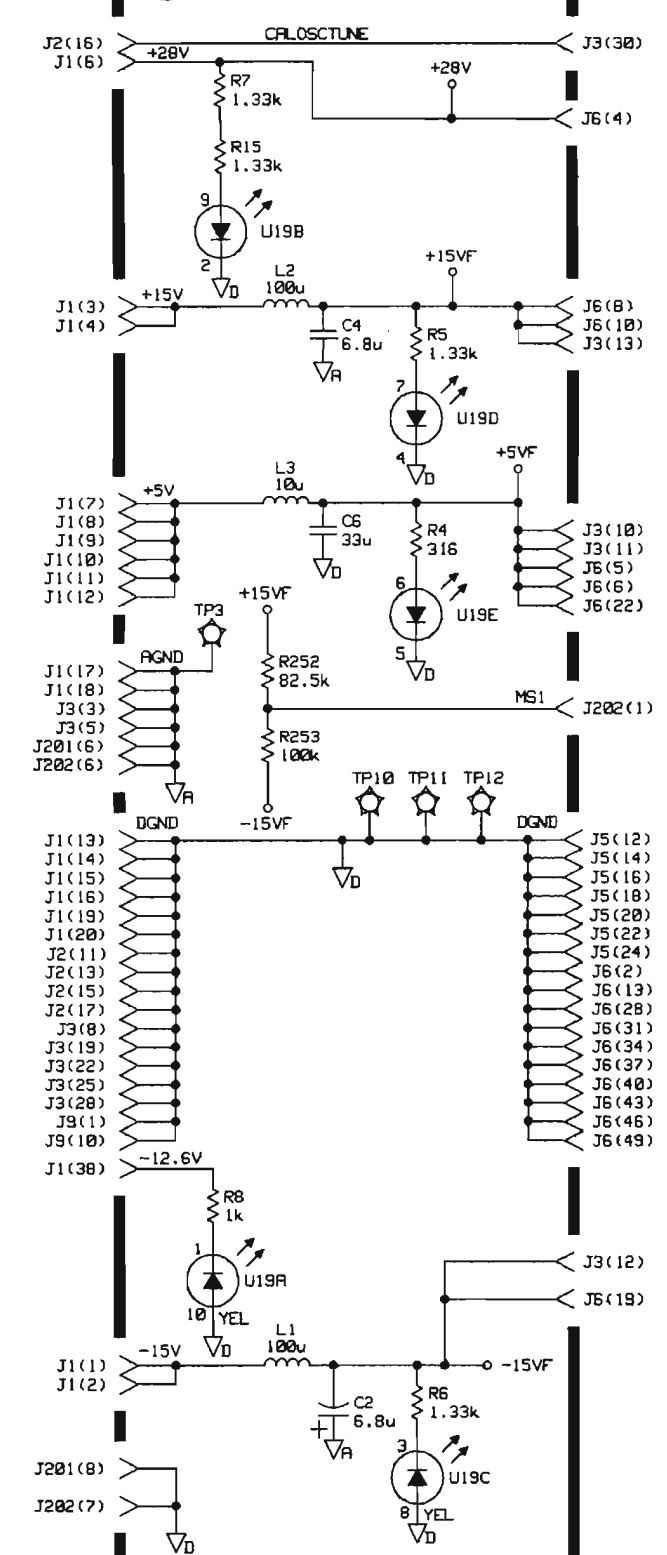
X-AXIS OUTPUT AMP



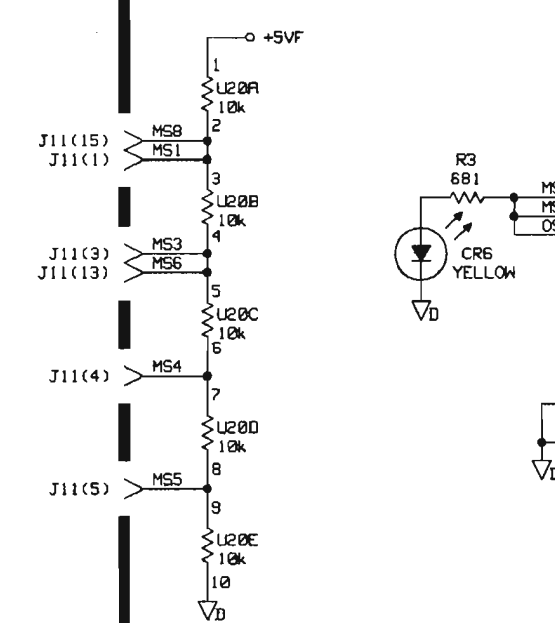
Y-AXIS OUTPUT AMP



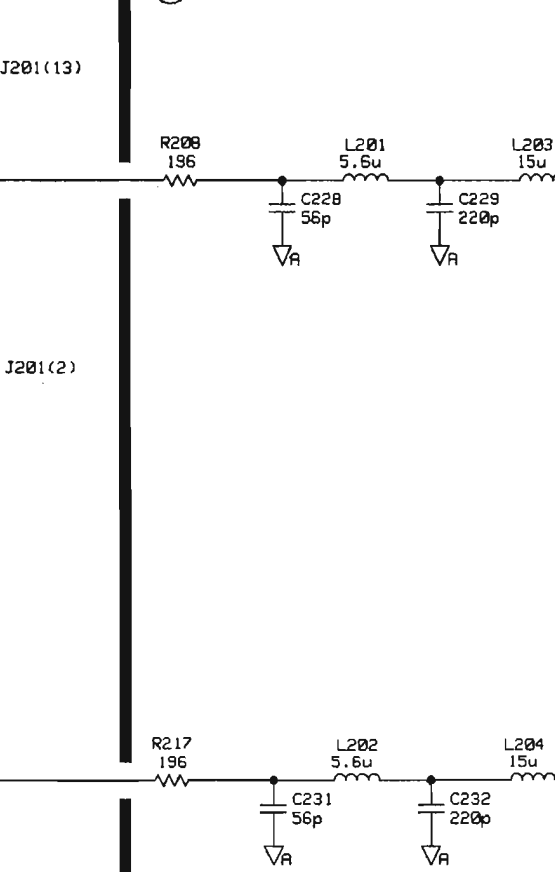
POWER SUPPLIES



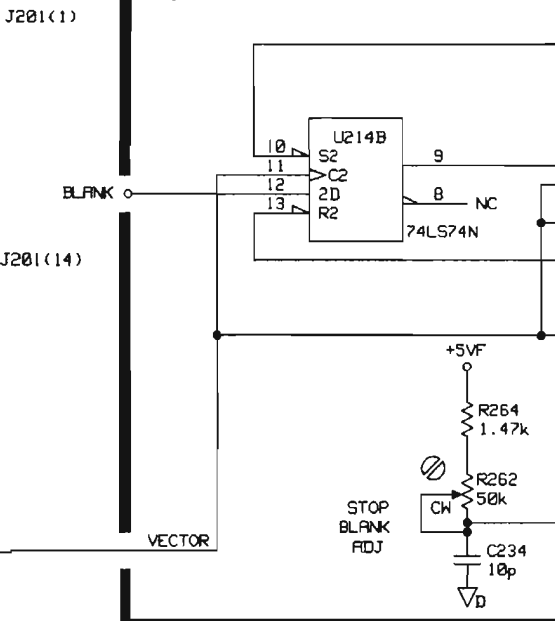
TEST CONNECTOR TEST



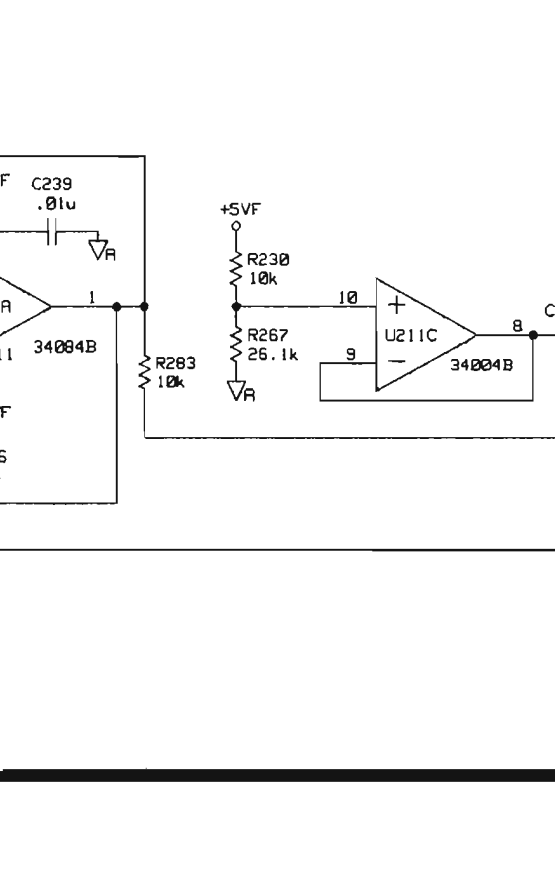
LOW PASS FILTER



BLANKING CONTROL



Z OUTPUT



UNUSED PACKAGES

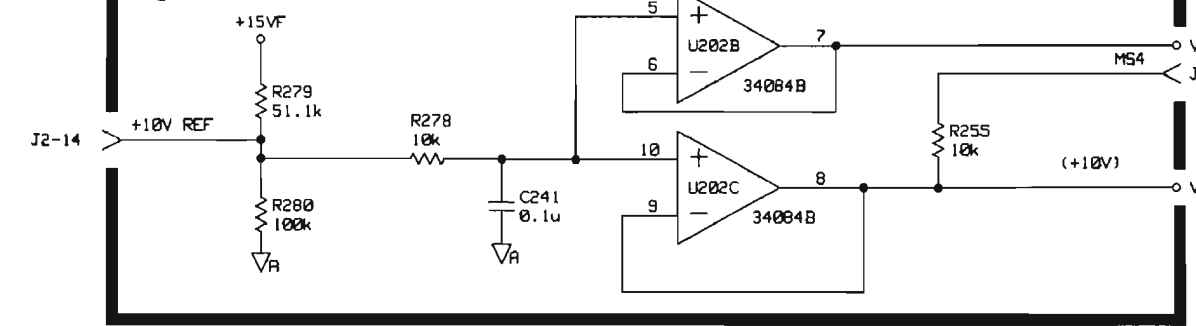
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HP PROPRIETARY

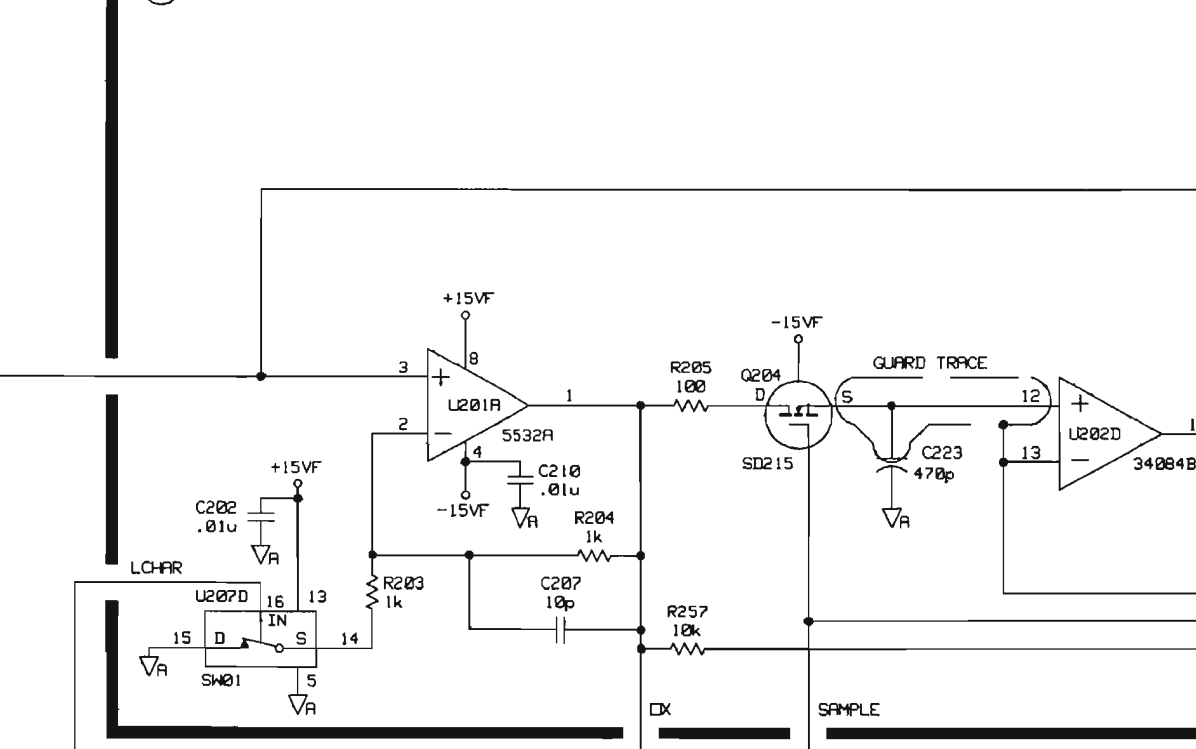
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ITEM	QTY.	PART/MATERIAL-DESCRIPTION	MAT'L-PART NO.	MAT'L-DWG. NO.	MAT'L-SPEC.
DRIVEN BY		DATE			
ENGINEER/CHECKER					
RELEASE TO PROD.					
SUPERSEDES DNG.					
BOARD ASSEMBLY-CONTROLLER (SCHEMATIC)					
TITLE					
FILENAME:08241A					
SCALE NONE SHEET 1 OF 4					
D-08563-60024-1					

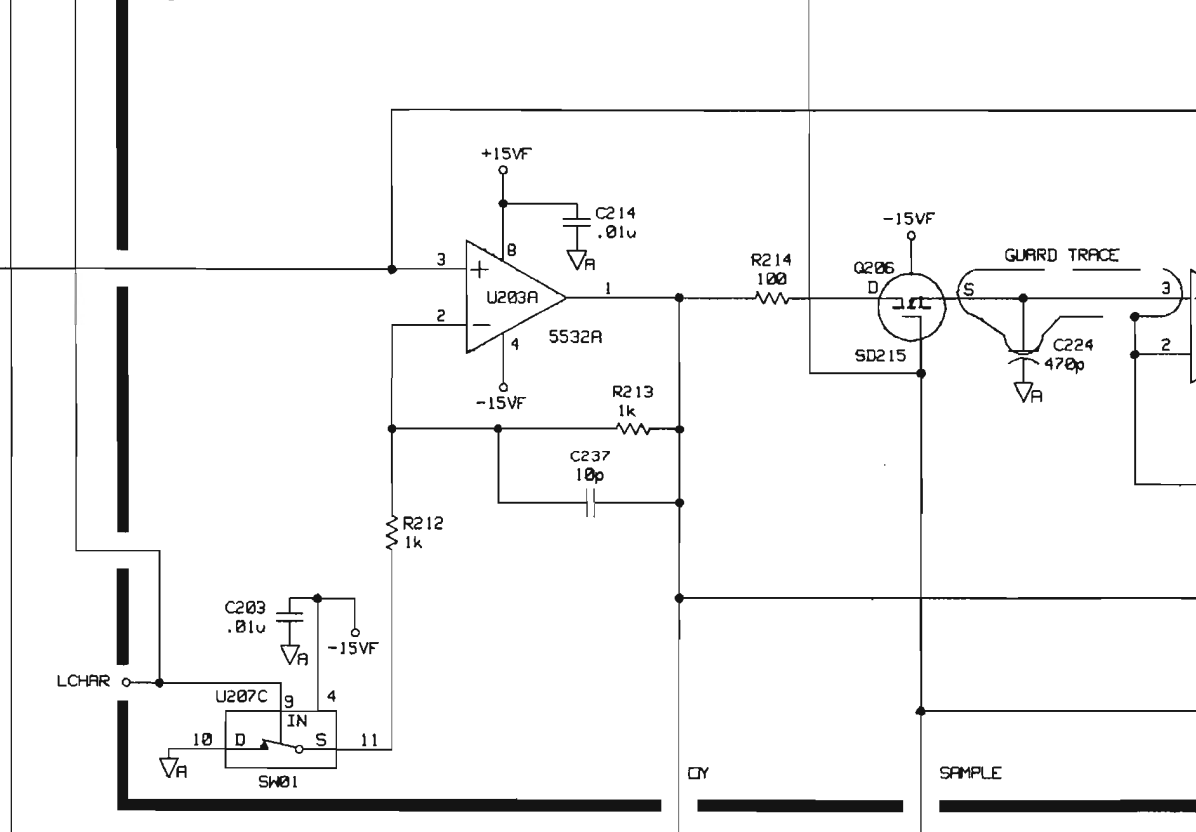
10V REF



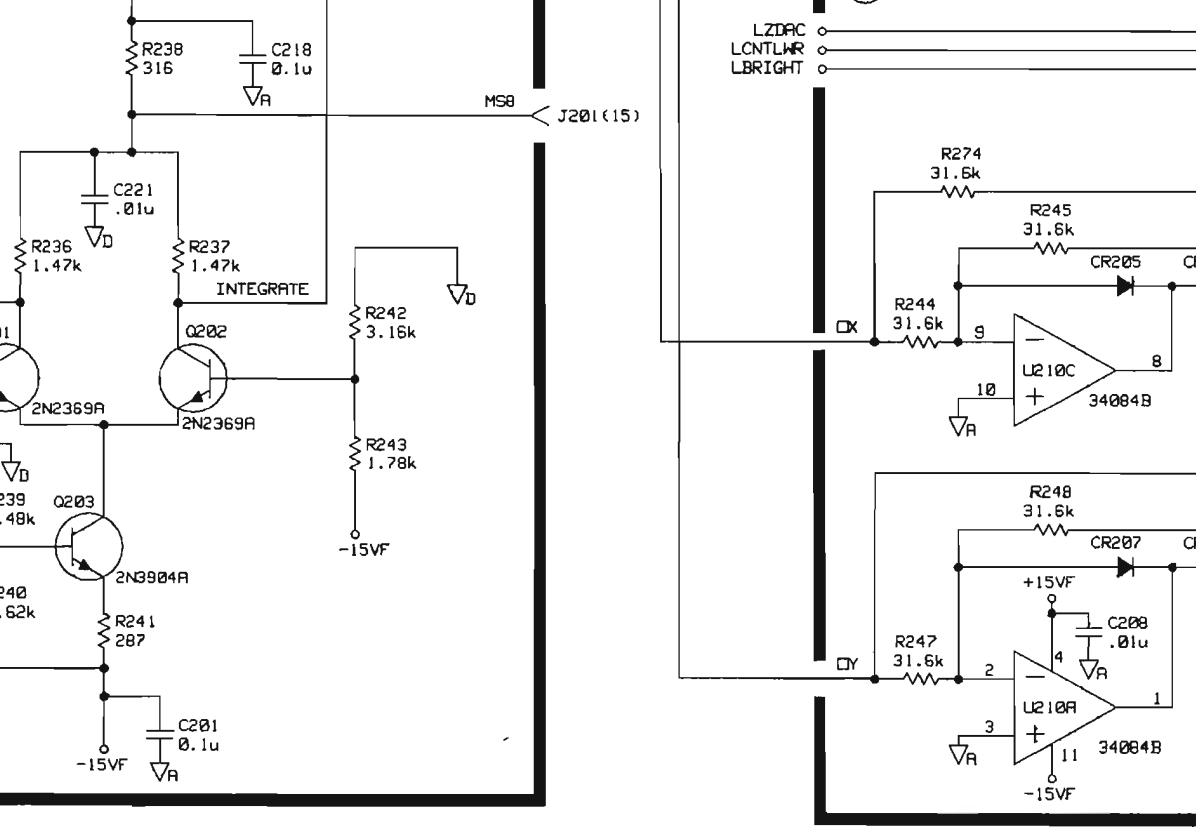
X LINE GENERATOR



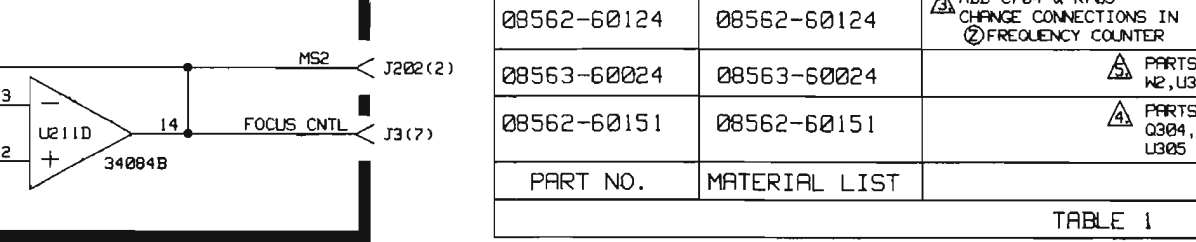
Y LINE GENERATOR



SAMPLE & HOLD PULSE GENERATOR



DIGITAL FOCUS CONTROL



THIS DRAWING ALSO USED FOR THE FOLLOWING ASSEMBLIES:	
08562-60124	08562-60124
08563-60024	08563-60024
08562-60151	08562-60151
PART NO.	MATERIAL LIST
TABLE 1	

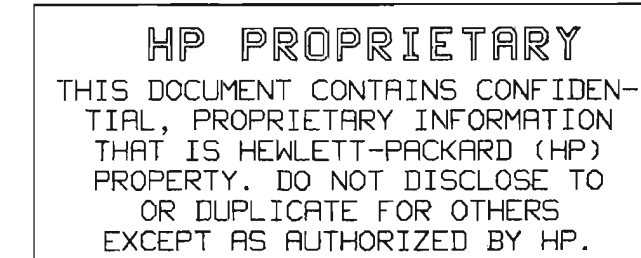
NOTES:

- REFERENCE DESIGNATORS WITHIN THIS ASSEMBLY ARE IDENTIFIED BY A PREFIX ABREVIATION WITH ASSEMBLY NUMBER FOR COMPLETE REFERENCE DESIGNATOR.
- UNLESS OTHERWISE INDICATED: RESISTANCE IN OHMS (Ω) CAPACITANCE IN MICROFARADS (μF) INDUCTANCE IN MICROHENRIES (μH)

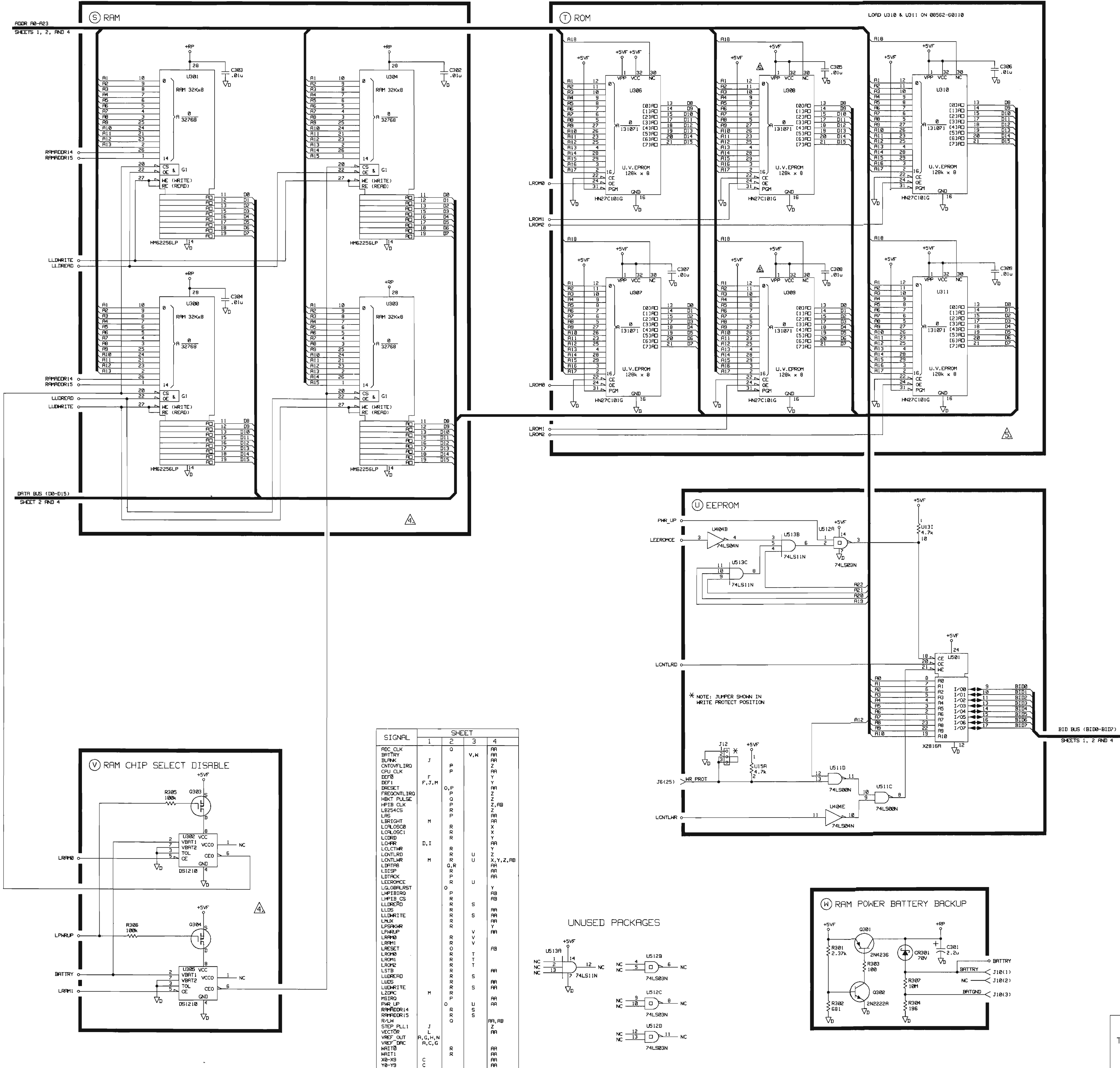
APPEARS ON SHEET 4.

APPEARS ON SHEET 3 & 4.

APPEARS ON SHEET 3 & 4.

[illegible]

SYM	REVISIONS	APPROVED	DATE
A	RELEASE PER PCO 53-06083 BC		3-23-92



J1 POWER BUS

PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
1	-15V		1K
2	-15V		1K
3	+5V		1K
4	+5V		1K
5	LOGIC TRIG(NC)		1K
6	+5V		1K
7	+5V (NC)		1K
8	+5V		1K
9	+5V		1K
10	+5V		1K
11	+5V		1K
12	+5V		1K
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46	+5V		1K
47	+5V		1K
48	+5V		1K
49	+5V		1K
50	+5V		1K

J2 CAL OSC/DISPLAY DRIVER BUS

PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
1	NC		
2	NC		
3	NC		
4	NC		
5	NC		
6	NC		
7	NC		
8	NC		
9	NC		
10	NC		
11	NC		
12	NC		
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29	NC		
30	NC		

J3 CAL OSC/DISPLAY DRIVER BUS

PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
1	NC		
2	NC		
3	NC		
4	NC		
5	NC		
6	NC		
7	NC		
8	NC		
9	NC		
10	NC		
11	NC		
12	NC		
13	NC		
14	NC		
15	NC		
16	NC		
17	NC		
18	NC		
19	NC		
20	NC		
21	NC		
22	NC		
23	NC		
24	NC		
25	NC		
26	NC		
27	NC		
28	NC		
29	NC		
30	NC		

J5

PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
1	D101		4RB
2	D102		4RB
3	D103		4RB
4	D104		4RB
5	D105		4RB
6	D106		4RB
7	D107		4RB
8	D108		4RB
9	D109		4RB
10	D110		4RB
11	D111		4RB
12	D112		4RB
13	D113		4RB
14	D114		4RB
15	D115		4RB
16	D116		4RB
17	D117		4RB
18	D118		4RB
19	D119		4RB
20	D120		4RB
21	D121		4RB
22	D122		4RB
23	D123		4RB
24	D124		4RB

J6 OPTION MODULE BUS

PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
1	LOGIC STROBE		2B
2	LOGIC		1K
3	LOGIC		2B
4	LOGIC		2B
5	LOGIC		2B
6	LOGIC		2B
7	LOGIC		2B
8	LOGIC		2B
9	LOGIC		2B
10	LOGIC		2B
11	LOGIC		2B
12	LOGIC		2B
13	LOGIC		2B
14	LOGIC		2B
15	LOGIC		2B
16	LOGIC		2B
17	LOGIC		2B
18	LOGIC		2B
19	LOGIC		2B
20	LOGIC		2B
21	LOGIC		2B
22	LOGIC		2B
23	LOGIC		2B
24	LOGIC		2B
25	LOGIC		2B
26	LOGIC		2B
27	LOGIC		2B
28	LOGIC		2B
29	LOGIC		2B
30	LOGIC		2B
31	LOGIC		2B
32	LOGIC		2B
33	LOGIC		2B
34	LOGIC		2B
35	LOGIC		2B
36	LOGIC		2B
37	LOGIC		2B
38	LOGIC		2B
39	LOGIC		2B
40	LOGIC		2B

J9 TEST POINTS

PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
1	LOGIC		1K
2	LOGIC		1K
3	LOGIC		1K
4	LOGIC		1K
5	LOGIC		1K
6	LOGIC		1K
7	LOGIC		1K
8	LOGIC		1K
9	LOGIC		1K
10	LOGIC		1K

J201 TEST & ADJUSTMENT

PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
1	MS1		1K
2	MS2		1K
3	MS3		1K
4	MS4		1K
5	MS5		1K
6	MS6		1K
7	MS7		1K
8	MS8		1K
9	MS9		1K
10	MS10		1K
11	MS11		1K
12	MS12		1K
13	MS13		1K
14	MS14		1K
15	MS15		1K
16	MS16		1K

J10

PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
1	BATTERY		3H
2	NC		
3	BATTERY		3H

J202 TEST & ADJUSTMENT

PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
1	MS1		1K
2	MS2		1K
3	MS3		1K
4	MS4		1K
5	MS5		1K
6	MS6		1K
7	MS7		1K
8	MS8		1K
9	MS9		1K
10	MS10		1K
11	MS11		1K
12	MS12		1K
13	MS13		1K
14	MS14		1K
15	MS15		1K
16	MS16		1K

J11

PIN	SIGNAL	TO/FROM	FUNCTION BLOCK
1	MS1		1K
2	MS2		1K
3	MS3		1K
4	MS4		1K
5	MS5		1K
6	MS6		1K
7	MS7		1K
8	MS8		1K
9	MS9		1K
10	MS10		1K
11	MS11		1K
12	MS12		1K
13	MS13		1K
14	MS14		1K
15	MS15		1K
16	MS16		1K

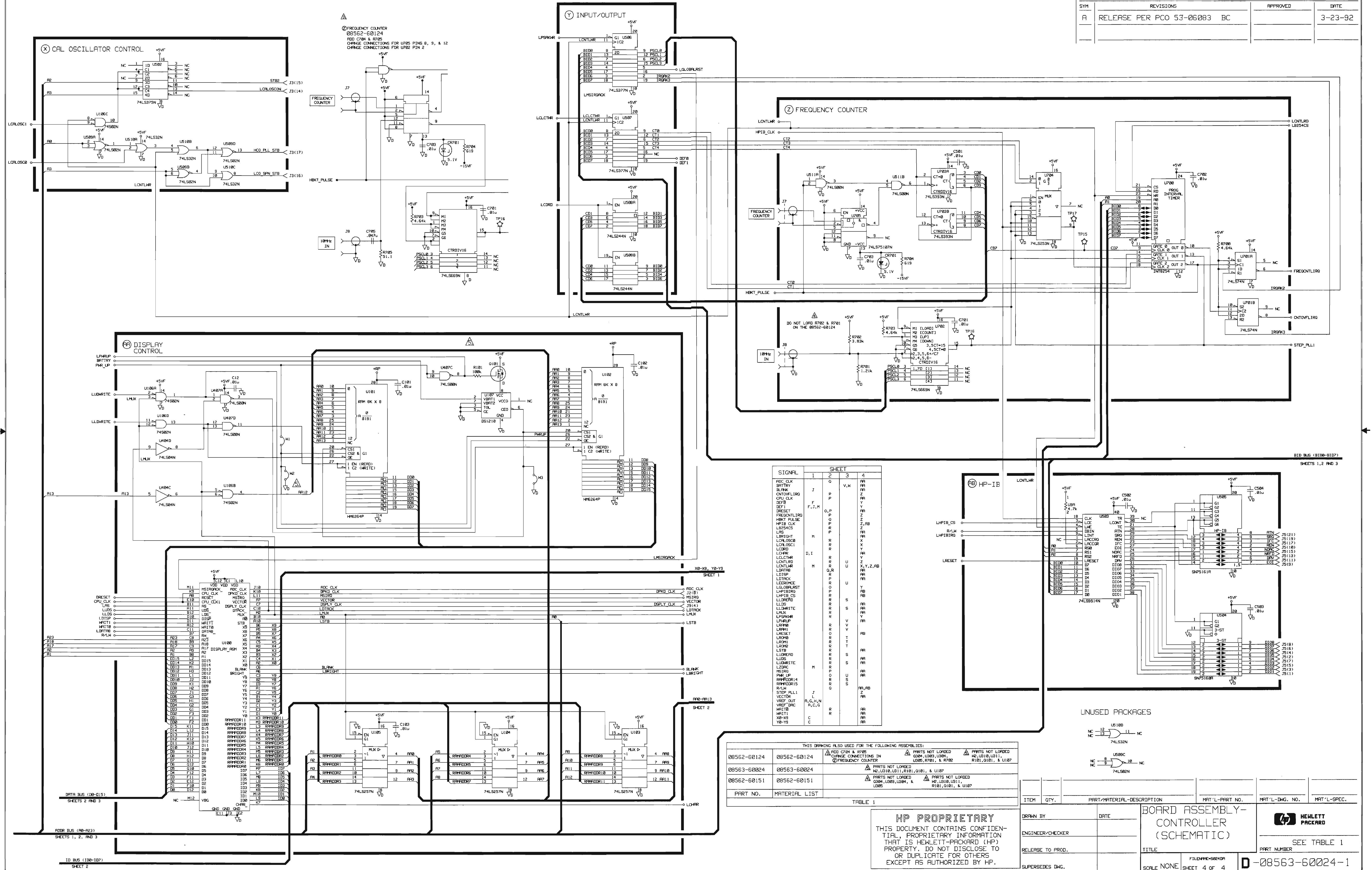
THIS DRAWING ALSO USED FOR THE FOLLOWING ASSEMBLIES:

PART NO.	MATERIAL LIST	TABLE 1
08562-60124	08562-60124	△ AND CPM & R789 △ PARTS NOT LOADED △ PARTS NOT LOADED △ PARTS NOT LOADED △ PARTS NOT LOADED
08563-60024	08563-60024	△ PARTS NOT LOADED △ PARTS NOT LOADED △ PARTS NOT LOADED △ PARTS NOT LOADED
08562-60151	08562-60151	△ PARTS NOT LOADED △ PARTS NOT LOADED △ PARTS NOT LOADED △ PARTS NOT LOADED

△ U308,309 ON 08563-60024 MAY NOT BE LOADED ACCORDING TO ROM DATE CODE.

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ITEM	QTY.	PART/MATERIAL-DESCRIPTION	MAT'L-PART NO.	MAT'L-ENG. NO.	MAT'L-SPEC.
DRAWN BY		DATE			
ENGINEER/CHECKER					
RELEASE TO PROD.					
SUPERSEDES DWG.					
BOARD ASSEMBLY-CONTROLLER (SCHEMATIC)					
TITLE					
FILENAME-60024					
SCALE NONE					
SHEET 3 OF 4					
D-08563-60024-1					



Component-Level Information Packet for 08563-60028

Frequency Control



**HP Part No. 08563-90052
Printed in USA June 1992**

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HP Part Number 08563-60028
Frequency Control

Reference Designator	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
A101	5062-7717	7	1			28480	5062-7717
A102	5062-8280	1	1			28480	5062-8280
A103	5062-7716	6	1			28480	5062-7716
C1	0180-3846	0	1		CAP-FXD 15uF +-10% 25 V TA	04200	299D156X9025DB1
C2	0160-4832	4	1		CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C3	0160-4832	4	1		CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C4	0180-3831	3	1		CAP-FXD 10uF +-10% 35 V TA	04200	299D106X9035DB1
C5	0180-3831	3	1		CAP-FXD 10uF +-10% 35 V TA	04200	299D106X9035DB1
C6	0160-4805	1	1		CAP-FXD 47pF +-5% 100 V CER C0G	09939	RPA10C0G470J100V
C7	0180-3831	3	1		CAP-FXD 10uF +-10% 35 V TA	04200	299D106X9035DB1
C8	0180-3850	6	1		CAP-FXD 68uF +-10% 10 V TA	04200	299D686X9010DB1
C9	0160-4832	4	1		CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C10	0160-4554	7	1		CAP-FXD 0.01uF +-20% 50 V CER X7R	09939	RPA10X7R103M50V
C11	0160-4554	7	1		CAP-FXD 0.01uF +-20% 50 V CER X7R	09939	RPA10X7R103M50V
C12	0160-4832	4	1		CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C13	0160-4832	4	1		CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C14	0160-3402	2	1		CAP-FXD 1uF +-5% 50 V POLYC-MET	13171	
C15	0160-5201	3	1		CAP-FXD 0.01uF +-1% 200 V POLYC-MET	13171	
C16	0160-6326	5	1		CAP-FXD 1060pF +-1% 50 V POLYC-MET	13171	
C17	0160-4835	7	1		CAP-FXD 0.1uF +-10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C18	0160-4835	7	1		CAP-FXD 0.1uF +-10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C20	0160-4835	7	1		CAP-FXD 0.1uF +-10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C21	0160-4835	7	1		CAP-FXD 0.1uF +-10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C22	0160-4835	7	1		CAP-FXD 0.1uF +-10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C23	0160-4835	7	1		CAP-FXD 0.1uF +-10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C25	0160-4822	2	1		CAP-FXD 1000pF +-5% 100 V CER C0G	09939	RPA20C0G102J100V
C27	0160-4835	7	1		CAP-FXD 0.1uF +-10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C28	0160-4831	3	1		CAP-FXD 4700pF +-10% 100 V CER X7R	09939	RPA10X7R472K100V
C31	0160-0298	8	1		CAP-FXD 1500pF +-10% 200 V POLYE-FL	02367	WMC2D15
C32	0160-5422	0	1		CAP-FXD 0.047uF +-20% 50 V CER X7R	09939	RPA20X7R473M50V
C33	0160-5422	0	1		CAP-FXD 0.047uF +-20% 50 V CER X7R	09939	RPA20X7R473M50V
C36	0180-0058	0	1		CAP-FXD 47uF +-20% 25 V AL-ELCTLT	28480	0180-0058
C37	0180-3850	6	1		CAP-FXD 68uF +-10% 10 V TA	04200	299D686X9010DB1
C38	0160-4808	4	1		CAP-FXD 470pF +-5% 100 V CER C0G	09939	RPA10C0G471J100V
C39	0160-4808	4	1		CAP-FXD 470pF +-5% 100 V CER C0G	09939	RPA10C0G471J100V

HP Part Number 08563-60028
Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C40	0160-4554	7	1	CAP-FXD 0.01uF +20% 50 V CER X7R	09939	RPA10X7R103M50V
C41	0180-3771	0	1	CAP-FXD 1uF +10% 35 V TA	04200	299D105X9035AB1
C42	0180-3831	3	1	CAP-FXD 10uF +10% 35 V TA	04200	299D106X9035DB1
C43	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C44	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C45	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C46	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C47	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C48	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C49	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C50	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C51	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C53	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C55	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C56	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C57	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C58	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C59	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C62	0160-4801	7	1	CAP-FXD 100pF +-5% 100 V CER C0G	09939	RPA10C0G101J100V
C63	0160-4801	7	1	CAP-FXD 100pF +-5% 100 V CER C0G	09939	RPA10C0G101J100V
C64	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C66	0160-4791	4	1	CAP-FXD 10pF +5% 100 V CER C0G	09939	RPA10C0G100D100
C201	0180-0500	7	1	CAP-FXD 47uF +20% 20 V TA	04200	199D1114
C302	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C303	0160-4830	2	1	CAP-FXD 2200pF +-10% 100 V CER X7R	09939	RPA10X7R222K100V
C304	0160-4833	5	1	CAP-FXD 0.022uF +10% 100 V CER X7R	09939	RPA20X7R223K100V
C305	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C306	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C307	0160-4833	5	1	CAP-FXD 0.022uF +10% 100 V CER X7R	09939	RPA20X7R223K100V
C308	0160-4830	2	1	CAP-FXD 2200pF +-10% 100 V CER X7R	09939	RPA10X7R222K100V
C309	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C310	0160-4233	9	1	CAP-FXD 0.47uF +-5% 50 V POLYC-MET	13171	
C312	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C313	0160-4801	7	1	CAP-FXD 100pF +-5% 100 V CER C0G	09939	RPA10C0G101J100V
C315	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003

**Indicates factory-selected value*

CLIP 08563-90052 Frequency Control 3

Scans by ArtekMedia => 2010

HP Part Number 08563-60028
Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C316	0160-4822	2	1	CAP-FXD 1000pF +-5% 100 V CER C0G	09939	RPA20C0G102J100V
C317	0160-4822	2	1	CAP-FXD 1000pF +-5% 100 V CER C0G	09939	RPA20C0G102J100V
C318	0160-4814	2	1	CAP-FXD 150pF +-5% 100 V CER C0G	09939	RPA10C0G151J100V
C320	0160-4822	2	1	CAP-FXD 1000pF +-5% 100 V CER C0G	09939	RPA20C0G102J100V
C321	0160-4822	2	1	CAP-FXD 1000pF +-5% 100 V CER C0G	09939	RPA20C0G102J100V
C322	0160-4040	6	1	CAP-FXD 1000pF +-5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C323	0160-4822	2	1	CAP-FXD 1000pF +-5% 100 V CER C0G	09939	RPA20C0G102J100V
C324	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C325	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C326	0160-4801	7	1	CAP-FXD 100pF +-5% 100 V CER C0G	09939	RPA10C0G101J100V
C327	0160-4846	0	1	CAP-FXD 1500pF +-5% 100 V CER C0G	09939	RPA20COG152J100VPT
C328	0160-4814	2	1	CAP-FXD 150pF +-5% 100 V CER C0G	09939	RPA10C0G151J100V
C329	0180-4003	3	1	CAP-FXD 10uF +-10% 25 V TA	28480	0180-4003
C330	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C331	0180-4003	3	1	CAP-FXD 10uF +-10% 25 V TA	28480	0180-4003
C332	0180-4003	3	1	CAP-FXD 10uF +-10% 25 V TA	28480	0180-4003
C333	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C334	0160-4814	2	1	CAP-FXD 150pF +-5% 100 V CER C0G	09939	RPA10C0G151J100V
C335	0180-4003	3	1	CAP-FXD 10uF +-10% 25 V TA	28480	0180-4003
C336	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C337	0160-4822	2	1	CAP-FXD 1000pF +-5% 100 V CER C0G	09939	RPA20C0G102J100V
C338	0160-4822	2	1	CAP-FXD 1000pF +-5% 100 V CER C0G	09939	RPA20C0G102J100V
C339	0160-4822	2	1	CAP-FXD 1000pF +-5% 100 V CER C0G	09939	RPA20C0G102J100V
C340	0160-4822	2	1	CAP-FXD 1000pF +-5% 100 V CER C0G	09939	RPA20C0G102J100V
C341	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C342	0160-4822	2	1	CAP-FXD 1000pF +-5% 100 V CER C0G	09939	RPA20C0G102J100V
C343	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C344	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C345	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C346	0160-4822	2	1	CAP-FXD 1000pF +-5% 100 V CER C0G	09939	RPA20C0G102J100V
C347	0160-4830	2	1	CAP-FXD 2200pF +-10% 100 V CER X7R	09939	RPA10X7R222K100V
C348	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C349	0160-4804	0	1	CAP-FXD 56pF +-5% 100 V CER C0G	09939	RPA10COG560J100
C350	0160-4804	0	1	CAP-FXD 56pF +-5% 100 V CER C0G	09939	RPA10COG560J100
C351	0160-4814	2	1	CAP-FXD 150pF +-5% 100 V CER C0G	09939	RPA10C0G151J100V

HP Part Number 08563-60028
Frequency Control (continued)

Reference Designator	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
C352	0160-4814	2		1	CAP-FXD 150pF +5% 100 V CER C0G	09939	RPA10C0G151J100V
C353	0160-3879	7		1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C354	0160-3879	7		1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C355	0160-3661	5		1	CAP-FXD 0.1uF +5% 50 V POLYC-MET	13171	
C356	0160-4574	1		1	CAP-FXD 1000pF +10% 100 V CER X7R	09939	RPA10X7R102K100V
C357	0160-4807	3		1	CAP-FXD 33pF +5% 100 V CER C0G	09939	RPA10COG330J100
C358	0160-4805	1		1	CAP-FXD 47pF +5% 100 V CER C0G	09939	RPA10C0G470J100V
C359	0180-4003	3		1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C360	0160-4791	4		1	CAP-FXD 10pF +5% 100 V CER C0G	09939	RPA10C0G100D100
C361	0180-4003	3		1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C362	0160-4786	7		1	CAP-FXD 27pF +5% 100 V CER C0G	09939	RPA10COG270J100
C363	0160-4233	9		1	CAP-FXD 0.47uF +5% 50 V POLYC-MET	13171	
C364	0180-3771	0		1	CAP-FXD 1uF +10% 35 V TA	04200	299D105X9035AB1
C365	0160-3878	6		1	CAP-FXD 1000pF +20% 100 V CER X7R	09939	RPE121-105X7R102M100V
C369	0160-4830	2		1	CAP-FXD 2200pF +10% 100 V CER X7R	09939	RPA10X7R222K100V
C379	0180-3845	9		1	CAP-FXD 4.7uF +10% 35 V TA	04200	299D475X9035CB1
C380	0160-4574	1		1	CAP-FXD 1000pF +10% 100 V CER X7R	09939	RPA10X7R102K100V
C383	0160-4805	1		1	CAP-FXD 47pF +5% 100 V CER C0G	09939	RPA10C0G470J100V
C384	0160-4371	6		1	CAP-FXD 680pF +5% 100 V CER C0G	09939	RPE121-105C0G681J100V
C385	0160-4812	0		1	CAP-FXD 220pF +5% 100 V CER C0G	09939	RPA10C0G221J100V
C387	0160-4441	1		1	CAP-FXD 0.47uF +10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C388	0160-4441	1		1	CAP-FXD 0.47uF +10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C389	0160-4441	1		1	CAP-FXD 0.47uF +10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C390	0160-4441	1		1	CAP-FXD 0.47uF +10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C391	0160-4441	1		1	CAP-FXD 0.47uF +10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C392	0160-4441	1		1	CAP-FXD 0.47uF +10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C393	0160-3875	3		1	CAP-FXD 22pF +5% 200 V CER C0G	09939	RPE121-105C0G220J200V
C394	0160-4805	1		1	CAP-FXD 47pF +5% 100 V CER C0G	09939	RPA10C0G470J100V
C535	0160-3879	7		1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C536	0160-3879	7		1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C537	0160-3879	7		1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C539	0160-4387	4		1	CAP-FXD 47pF +5% 200 V CER C0G	09939	RPE121-105COG470J200V
C540	0160-3879	7		1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C541	0160-3879	7		1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C542	0160-3879	7		1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V

**Indicates factory-selected value*

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HP Part Number 08563-60028
Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
C543	0160-0570	9	1	CAP-FXD 220pF +-20% 100 V CER X7R	09939	RPE121-105X7R221M100V
C544	0160-0570	9	1	CAP-FXD 220pF +-20% 100 V CER X7R	09939	RPE121-105X7R221M100V
C545	0160-6016	0	1	CAP-FXD 0.047uF +-10% 100 V CER X7R	09939	RPE122X7R473K100V
C546	0160-6016	0	1	CAP-FXD 0.047uF +-10% 100 V CER X7R	09939	RPE122X7R473K100V
C547	0160-4031	5	1	CAP-FXD 330pF +-5% 100 V CER C0G	09939	RPE121-105C0G331J100V
C548	0160-5405	9	1	CAP-FXD 130pF +-5% 100 V CER C0G	09939	RPA10C0G131J100V
C549	0160-4615	1	1	CAP-FXD 1200pF +-5% 100 V CER C0G	09939	RPE121-105C0G122J100V
C550	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C551	0160-4040	6	1	CAP-FXD 1000pF +-5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C552	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C554	0160-4497	7	1	CAP-FXD 82pF +-5% 200 V CER C0G	09939	RPE121-105C0G820J200V
C556	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C557	0160-4040	6	1	CAP-FXD 1000pF +-5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C558	0160-3879	7	1	CAP-FXD 0.01uF +-20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C560	0160-3875	3	1	CAP-FXD 22pF +-5% 200 V CER C0G	09939	RPE121-105C0G220J200V
C561	0160-6723	6	1	CAP-FXD 75pF +-5% 200 V CER C0G	09939	RPE121-105C0G750J200V
C562	0160-4521	8	1	CAP-FXD 12pF +-5% 200 V CER C0G	09939	RPE121-105C0G120J200V
C563	0160-4497	7	1	CAP-FXD 82pF +-5% 200 V CER C0G	09939	RPE121-105C0G820J200V
C564	0160-4524	1	1	CAP-FXD 24pF +-5% 200 V CER C0G	09939	RPE121-105C0G240J200V
C580	0160-4040	6	1	CAP-FXD 1000pF +-5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C581	0160-4040	6	1	CAP-FXD 1000pF +-5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C582	0160-4040	6	1	CAP-FXD 1000pF +-5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C589	0160-3874	2	1	CAP-FXD 10pF +-5% 200 V CER C0G	09939	RPE121-105C0G100D200V
C590	0160-4040	6	1	CAP-FXD 1000pF +-5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C591	0160-4031	5	1	CAP-FXD 330pF +-5% 100 V CER C0G	09939	RPE121-105C0G331J100V
C592	0160-4497	7	1	CAP-FXD 82pF +-5% 200 V CER C0G	09939	RPE121-105C0G820J200V
C601	0180-3831	3	1	CAP-FXD 10uF +-10% 35 V TA	04200	299D106X9035DB1
C602	0160-4084	8	1	CAP-FXD 0.1uF +-20% 50 V CER X7R	09939	RPE122-139X7R104M50V
C603	0160-4819	7	1	CAP-FXD 2200pF +-5% 100 V CER C0G	09939	RPA30C0G222J100VPT
C604	0160-4389	6	1	CAP-FXD 100pF +-5% 200 V CER C0G	09939	RPE121-105C0G101J200V
C606	0160-4387	4	1	CAP-FXD 47pF +-5% 200 V CER C0G	09939	RPE121-105C0G470J200V
CR1	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03
CR2	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03
CR3	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03
CR4	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03

HP Part Number 08563-60028
Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
CR5	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	FDH5323.03
CR6	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	
CR7	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR9	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR10	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR11	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR12	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR13	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR14	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR15	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR16	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR17	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR18	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR19	1901-0518	8	1	DIODE-SCHOTTKY SM SIG	02062	5082-5509
CR21	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR22	1901-0518	8	1	DIODE-SCHOTTKY SM SIG	02062	5082-5509
CR23	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR24	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR25	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR26	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR27	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR302	1901-1097	0	1	DIODE-PIN	02062	5082-5580
CR303	1901-1097	0	1	DIODE-PIN	02062	5082-5580
CR304	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03
CR305	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03
CR601	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
E503	9170-1366	3	1	CORE-SHIELDING BEAD	03827	2743001112
E504	9170-1366	3	1	CORE-SHIELDING BEAD	03827	2743001112
E505	9170-1366	3	1	CORE-SHIELDING BEAD	03827	2743001112
E506	9170-0029	3	1	CORE-SHIELDING BEAD	04822	57-3452
E507	9170-1366	3	1	CORE-SHIELDING BEAD	03827	2743001112
E508	9170-1366	3	1	CORE-SHIELDING BEAD	03827	2743001112
J1	1252-1064	4	1	CONN-POST TYPE .100-PIN-SPCG 50-CONT	01380	1-746878-0
J2	1252-1064	4	1	CONN-POST TYPE .100-PIN-SPCG 50-CONT	01380	1-746878-0
J3	1252-2007	7	1	CONN-POST TYPE .100-PIN-SPCG 9-CONT	02946	68451-125

**Indicates factory-selected value*

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HP Part Number 08563-60028
Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
J6	1252-2221	7	1	CONN-POST TYPE .100-PIN-SPCG 10-CONT	02946	69155-110
J7	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	07247	59S213-40TD3
J8	1252-2042	0	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	01380	644224-1
J9	1252-2040	8	1	CONN-POST TYPE .100-PIN-SPCG 4-CONT	01380	644220-1
J10	1252-2041	9	1	CONN-POST TYPE .100-PIN-SPCG 7-CONT	01380	644219-1
J11	1252-0523	8	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	01380	641216-3
J12	1252-2008	8	1	CONN-POST TYPE .100-PIN-SPCG 9-CONT	02946	68451-124
J14	1251-5033	3	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	02946	68001-603
J15	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J16	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J17	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J18	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J19	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J23	1251-5033	3	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	02946	68001-603
J301	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	07247	59S213-40TD3
J302	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J303	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J304	1250-0257	1	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	28480	1250-0257
J501	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	07247	59S213-40TD3
L1	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
L2	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
L3	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
L4	9100-0539	3	1	INDUCTOR RF-CH-MLD 10UH +-5%	03706	21001M-5%
L5	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +-5%	05826	1537-76
L6	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +-5%	05826	1537-76
L7	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +-5%	05826	1537-76
L8	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +-5%	05826	1537-76
L201	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +-5%	05826	1537-76
L301	9140-0158	6	1	INDUCTOR RF-CH-MLD 1UH +-10%	03706	1A1002M +-10%
L302	9100-2256	5	1	INDUCTOR RF-CH-MLD 560NH +-10%	03706	1A5603M +-10%
L303	9140-0400	1	1	INDUCTOR RF-CH-MLD 8.2UH +-5%	03706	28202M-5%
L304	9100-2261	2	1	INDUCTOR RF-CH-MLD 2.7UH +-10%	05826	1025-30
L305	9140-0400	1	1	INDUCTOR RF-CH-MLD 8.2UH +-5%	03706	28202M-5%
L306	9100-2261	2	1	INDUCTOR RF-CH-MLD 2.7UH +-10%	05826	1025-30
L307	9100-2891	4	1	INDUCTOR RF-CH-MLD 50NH +-10%	03706	6-02729

HP Part Number 08563-60028
Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
L308	9135-0078	8	1	INDUCTOR RF-CH-MLD 82NH +-5.61%	02172	
L309	9135-0071	1	1	INDUCTOR RF-CH-MLD 62NH +-5.806%	02172	
L310	9140-0158	6	1	INDUCTOR RF-CH-MLD 1UH +-10%	03706	1A1002M +-10%
L311	9140-0158	6	1	INDUCTOR RF-CH-MLD 1UH +-10%	03706	1A1002M +-10%
L313	9100-2256	5	1	INDUCTOR RF-CH-MLD 560NH +-10%	03706	1A5603M+-10%
L314	9100-2247	4	1	INDUCTOR RF-CH-MLD 100NH +-10%	03706	1A1003M+-10%
L315	9100-2247	4	1	INDUCTOR RF-CH-MLD 100NH +-10%	03706	1A1003M+-10%
L316	9100-2261	2	1	INDUCTOR RF-CH-MLD 2.7UH +-10%	05826	1025-30
L321	9100-2256	5	1	INDUCTOR RF-CH-MLD 560NH +-10%	03706	1A5603M+-10%
L322	9100-2256	5	1	INDUCTOR RF-CH-MLD 560NH +-10%	03706	1A5603M+-10%
L323	9100-2252	1	1	INDUCTOR RF-CH-MLD 270NH +-10%	03706	1A2703M+-10%
L512	9100-1788	6	1	CORE-FERRITE CHOKE-WIDEBAND;IMP:>680	11212	LB2/2.5ZB
L541	9140-0565	9	1	INDUCTOR RF-CH-MLD 43UH +-5%	03706	6-02782
L560	9100-3314	8	1	INDUCTOR RF-CH-MLD 150NH +-5%	03706	21503M-5%
L561	9100-2891	4	1	INDUCTOR RF-CH-MLD 50NH +-10%	03706	6-02729
L562	9140-0450	1	1	INDUCTOR RF-CH-MLD 270NH +-5%	03706	22703M-5%
L563	9100-2891	4	1	INDUCTOR RF-CH-MLD 50NH +-10%	03706	6-02729
L564	9100-3314	8	1	INDUCTOR RF-CH-MLD 150NH +-5%	03706	21503M-5%
L601	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
MP2	1205-0719	5	2	HEAT SINK SGL SPCL-HOLE-PATT	05792	7-374S4-1-M01-BA
MP3	1205-0720	8	1	HEAT SINK SGL SPCL-HOLE-PATT	05792	7-321S4-M01-BA
MP4	1205-0011	0	2	HEAT SINK TO-5/TO-39-CS	05792	TXBF-032-025B
MP5	1200-0173	5	3	INSULATOR-XSTR DAP-GL	02210	A-10001 DAP
MP7	3030-0133	8	3	SCREW-SKT HD CAP 6-32 .25-IN-LG SST	04418	
MP10	0340-1173	2	1	INSULATOR 0.015 IN THK G-10 MATERIAL	02739	B14-047-02
MP11	1258-0141	8	2	JUMPER-REMOVABLE FOR 0.025 IN SQ PINS	02946	65474-004
MP18	1200-0172	4	1	INSULATOR-XSTR DAP-GL	02210	10042-DAP
MP19	1251-7994	9	1	CONN-POST TYPE .100-PIN-SPCG 10-CONT	01380	499568-1
Q101	1855-0555	4	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	02883	VN0300L
Q102	1855-0241	5	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-72 SI	02883	SD215DE
Q103	1855-0555	4	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	02883	VN0300L
Q104	1855-0241	5	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-72 SI	02883	SD215DE
Q105	1855-0555	4	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	02883	VN0300L
Q106	1855-0280	2	1	TRANSISTOR J-FET N-CHAN D-MODE TO-92 SI	02883	E107
Q301	1855-0509	8	1	TRANSISTOR MOSFET P-CHAN E-MODE TO-220	03038	IRF9520

**Indicates factory-selected value*

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HP Part Number 08563-60028
Frequency Control (continued)

Reference Designator	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
Q302	1855-0509	8		1	TRANSISTOR MOSFET P-CHAN E-MODE TO-220	03038	IRF9520
Q303	1855-0421	3		1	TRANSISTOR J-FET 2N5114 P-CHAN D-MODE	02883	2N5114
Q304	1855-0421	3		1	TRANSISTOR J-FET 2N5114 P-CHAN D-MODE	02883	2N5114
Q305	1855-0414	4		1	TRANSISTOR J-FET 2N4393 N-CHAN D-MODE	02883	2N4393
Q306	1854-0637	1		1	TRANSISTOR NPN 2N2219A SI TO-5 PD=800MW	02037	2N2219A
Q307	1853-0314	9		1	TRANSISTOR PNP 2N2905A SI TO-39 PD=400MW	02037	2N2905A
Q308	1854-0477	7		1	TRANSISTOR NPN 2N2222A SI TO-18 PD=500MW	02037	2N2222A
Q310	1853-0281	9		1	TRANSISTOR PNP 2N2907A SI TO-18 PD=400MW	02037	2N2907A
Q311	1855-0522	5		1	TRANSISTOR MOSFET P-CHAN E-MODE SI	03038	IRFD9120
Q401	1853-0213	7		1	TRANSISTOR PNP 2N4236 SI TO-5 PD=1W	02037	2N4236
Q402	1854-0477	7		1	TRANSISTOR NPN 2N2222A SI TO-18 PD=500MW	02037	2N2222A
Q403	1854-0477	7		1	TRANSISTOR NPN 2N2222A SI TO-18 PD=500MW	02037	2N2222A
Q404	1855-0581	6		1	TRANSISTOR MOSFET N-CHAN E-MODE TO-220	03038	IRF521
R1	0757-0442	9		1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R2	0757-0442	9		1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R3	0757-0401	0		1	RESISTOR 100 +1% .125W TF TC=0+-100	05524	CMF-55-1
R4	0757-0438	3		1	RESISTOR 5.11K +1% .125W TF TC=0+-100	05524	CMF-55-1
R5	0699-0642	7		1	RESISTOR 10K +0.1% .1W TF TC=0+-5	05524	PTF-56-7
R6	0699-0533	5		1	RESISTOR 4.64K +0.1% .125W TF TC=0+-25	01074	H8
R7	0698-8824	1		1	RESISTOR 562K +1% .125W TF TC=0+-100	01074	H8
R8	0757-0442	9		1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R9	0757-0279	0		1	RESISTOR 3.16K +1% .125W TF TC=0+-100	05524	CMF-55-1
R10	0698-3450	9		1	RESISTOR 42.2K +1% .125W TF TC=0+-100	05524	CMF-55-1
R11	0698-0084	9		1	RESISTOR 2.15K +1% .125W TF TC=0+-100	05524	CMF-55-1
R12	0699-0642	7		1	RESISTOR 10K +0.1% .1W TF TC=0+-5	05524	PTF-56-7
R13	0699-0642	7		1	RESISTOR 10K +0.1% .1W TF TC=0+-5	05524	PTF-56-7
R14	0698-3442	9		1	RESISTOR 237 +1% .125W TF TC=0+-100	05524	CMF-55-1
R15	0698-6322	0		1	RESISTOR 4K +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R16	0757-0443	0		1	RESISTOR 11K +1% .125W TF TC=0+-100	05524	CMF-55-1
R17	0757-0288	1		1	RESISTOR 9.09K +1% .125W TF TC=0+-100	05524	CMF-55-1
R18	0698-3153	9		1	RESISTOR 3.83K +1% .125W TF TC=0+-100	05524	CMF-55-1
R19	0757-0279	0		1	RESISTOR 3.16K +1% .125W TF TC=0+-100	05524	CMF-55-1
R20	0698-0083	8		1	RESISTOR 1.96K +1% .125W TF TC=0+-100	05524	CMF-55-1
R21	0698-6322	0		1	RESISTOR 4K +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R22	0698-6322	0		1	RESISTOR 4K +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9

HP Part Number 08563-60028
Frequency Control (continued)

Reference Designator	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
R23	0698-3450	9	1	1	RESISTOR 42.2K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R24	0698-3460	1	1	1	RESISTOR 422K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R25	0757-0200	7	1	1	RESISTOR 5.62K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R26	0757-0420	3	1	1	RESISTOR 750 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R27	0757-0440	7	1	1	RESISTOR 7.5K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R28	0757-0465	6	1	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R29	0698-8824	1	1	1	RESISTOR 562K +-1% .125W TF TC=0+-100	01074	H8
R30	0757-0459	8	1	1	RESISTOR 56.2K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R31	0757-0465	6	1	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R32	0698-6619	8	1	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R33	0698-6619	8	1	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R34	0698-3150	6	1	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R35	0698-6360	6	1	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R36	0698-6360	6	1	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R37	0699-0642	7	1	1	RESISTOR 10K +-0.1% .1W TF TC=0+-5	05524	PTF-56-7
R39	0699-0642	7	1	1	RESISTOR 10K +-0.1% .1W TF TC=0+-5	05524	PTF-56-7
R40	0699-0118	2	1	1	RESISTOR 20K +-0.1% .1W TF TC=0+-5	05524	PTF-56-7
R41	0699-0118	2	1	1	RESISTOR 20K +-0.1% .1W TF TC=0+-5	05524	PTF-56-7
R42	2100-3863	5	1	1	RESISTOR-TRMR 200 10% TKF TOP-ADJ 17-TRN	03744	3299W-DM3-201
R43	0698-8821	8	1	1	RESISTOR 5.62 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R44	0699-0555	1	1	1	RESISTOR 100 +-0.1% .3W MF TC=0+-5	02928	301464
R45	0757-0280	3	1	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R46	0698-3155	1	1	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R47	0698-7229	8	1	1	RESISTOR 511 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R48	0757-0394	0	1	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R49	0698-7222	1	1	1	RESISTOR 261 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R50	0757-0442	9	1	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R51	0698-7283	4	1	1	RESISTOR 90.9K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R52	0698-3457	6	1	1	RESISTOR 316K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R53	0698-6320	8	1	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R54	0698-6320	8	1	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R55	0698-7255	0	1	1	RESISTOR 6.19K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R56	0698-7268	5	1	1	RESISTOR 21.5K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R57	0698-6967	9	1	1	RESISTOR 32.5K +-1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R58	0698-6323	1	1	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9

**Indicates factory-selected value*

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HP Part Number 08563-60028
Frequency Control (continued)

Reference Designator	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
R59	0698-7212	9	1	1	RESISTOR 100 \pm 1% .05W TF TC=0 \pm -100	05524	CMF-50-2
R60	0699-0555	1	1	1	RESISTOR 100 \pm 0.1% .3W MF TC=0 \pm -5	02928	301464
R61	0699-0555	1	1	1	RESISTOR 100 \pm 0.1% .3W MF TC=0 \pm -5	02928	301464
R62	0698-7198	0	1	1	RESISTOR 26.1 \pm 1% .05W TF TC=0 \pm -100	05524	CMF-50-2
R63	0757-0438	3	1	1	RESISTOR 5.11K \pm 1% .125W TF TC=0 \pm -100	05524	CMF-55-1
R64	0757-0438	3	1	1	RESISTOR 5.11K \pm 1% .125W TF TC=0 \pm -100	05524	CMF-55-1
R65	0757-0280	3	1	1	RESISTOR 1K \pm 1% .125W TF TC=0 \pm -100	05524	CMF-55-1
R66	0757-0401	0	1	1	RESISTOR 100 \pm 1% .125W TF TC=0 \pm -100	05524	CMF-55-1
R67	0757-0401	0	1	1	RESISTOR 100 \pm 1% .125W TF TC=0 \pm -100	05524	CMF-55-1
R68	0757-0401	0	1	1	RESISTOR 100 \pm 1% .125W TF TC=0 \pm -100	05524	CMF-55-1
R69	0698-3152	8	1	1	RESISTOR 3.48K \pm 1% .125W TF TC=0 \pm -100	05524	CMF-55-1
R70	0698-6360	6	1	1	RESISTOR 10K \pm 0.1% .125W TF TC=0 \pm -25	05524	CMF-55-1, T-9
R71	0698-6322	0	1	1	RESISTOR 4K \pm 0.1% .125W TF TC=0 \pm -25	05524	CMF-55-1, T-9
R72	0698-6624	5	1	1	RESISTOR 2K \pm 0.1% .125W TF TC=0 \pm -25	05524	CMF-55-1, T-9
R73	0757-0003	8	1	1	RESISTOR 26.1 \pm 1% .5W TF TC=0 \pm -100	05524	CMF-65-2
R74	0757-0003	8	1	1	RESISTOR 26.1 \pm 1% .5W TF TC=0 \pm -100	05524	CMF-65-2
R75	0698-3439	4	1	1	RESISTOR 178 \pm 1% .125W TF TC=0 \pm -100	05524	CMF-55-1
R76	2100-1774	3	1	1	RESISTOR-TRMR 2K 5% WW TOP-ADJ 1-TRN	06026	CT-100-4-2K
R77	0757-0003	8	1	1	RESISTOR 26.1 \pm 1% .5W TF TC=0 \pm -100	05524	CMF-65-2
R78	0698-3153	9	1	1	RESISTOR 3.83K \pm 1% .125W TF TC=0 \pm -100	05524	CMF-55-1
R79	0699-2107	3	1	1	RESISTOR 63.93K \pm 0.1% .125W TF TC=0 \pm -5	06337	5023Z
R80	0699-2109	5	1	1	RESISTOR 25K \pm 0.1% .125W TF TC=0 \pm -5	06337	5023Z
R81	0699-2108	4	1	1	RESISTOR 50K \pm 0.1% .125W TF TC=0 \pm -5	06337	5023Z
R82	0699-2108	4	1	1	RESISTOR 50K \pm 0.1% .125W TF TC=0 \pm -5	06337	5023Z
R83	0757-0280	3	1	1	RESISTOR 1K \pm 1% .125W TF TC=0 \pm -100	05524	CMF-55-1
R84	0698-7260	7	1	1	RESISTOR 10K \pm 1% .05W TF TC=0 \pm -100	05524	CMF-50-2
R85	0698-7253	8	1	1	RESISTOR 5.11K \pm 1% .05W TF TC=0 \pm -100	05524	CMF-50-2
R86	0698-7253	8	1	1	RESISTOR 5.11K \pm 1% .05W TF TC=0 \pm -100	05524	CMF-50-2
R87	0698-6353	7	1	1	RESISTOR 50K \pm 0.1% .125W TF TC=0 \pm -25	05524	CMF-55-1, T-9
R88	0699-2113	1	1	1	RESISTOR 2K \pm 0.1% .125W TF TC=0 \pm -5	06337	5023Z
R89	0699-2114	2	1	1	RESISTOR 1K \pm 0.1% .125W TF TC=0 \pm -5	06337	5023Z
R90	0699-0118	2	1	1	RESISTOR 20K \pm 0.1% .1W TF TC=0 \pm -5	05524	PTF-56-7
R91	0699-1823	8	1	1	RESISTOR 30 \pm 1% .3W MF TC=0 \pm -5	02928	301464
R92	0698-6620	1	1	1	RESISTOR 150K \pm 0.1% .125W TF TC=0 \pm -25	05524	CMF-55-1, T-9
R93	2100-3876	0	1	1	RESISTOR-TRMR 1K 10% TKF TOP-ADJ 17-TRN	03744	3299W-DM3-102

HP Part Number 08563-60028
Frequency Control (continued)

Reference Designator	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
R94	0757-0280	3	1	1	RESISTOR 1K +1% .125W TF TC=0+-100	05524	CMF-55-1
R95	0698-6360	6	1	1	RESISTOR 10K +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R96	0698-6360	6	1	1	RESISTOR 10K +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R97	0757-0438	3	1	1	RESISTOR 5.11K +1% .125W TF TC=0+-100	05524	CMF-55-1
R99	0757-0458	7	1	1	RESISTOR 51.1K +1% .125W TF TC=0+-100	05524	CMF-55-1
R100	0698-3152	8	1	1	RESISTOR 3.48K +1% .125W TF TC=0+-100	05524	CMF-55-1
R101	0698-7260	7	1	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R102	0698-7260	7	1	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R103	0698-7275	4	1	1	RESISTOR 42.2K +1% .05W TF TC=0+-100	05524	CMF-50-2
R104	0698-8827	4	1	1	RESISTOR 1M +1% .125W TF TC=0+-100	05524	CMF-55-1
R105	0699-0642	7	1	1	RESISTOR 10K +0.1% .1W TF TC=0+-5	05524	PTF-56-7
R106	0698-3440	7	1	1	RESISTOR 196 +1% .125W TF TC=0+-100	05524	CMF-55-1
R107	0757-0438	3	1	1	RESISTOR 5.11K +1% .125W TF TC=0+-100	05524	CMF-55-1
R108	0698-6320	8	1	1	RESISTOR 5K +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R109	0698-3153	9	1	1	RESISTOR 3.83K +1% .125W TF TC=0+-100	05524	CMF-55-1
R110	0757-0442	9	1	1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R111	0757-0442	9	1	1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R112	0699-2125	5	1	1	RESISTOR 643.7K +1% .125W TF TC=0+-100	05524	CMF-55-1
R113	0699-2111	9	1	1	RESISTOR 17.14K +0.1% .125W TF TC=0+-5	06337	5023Z
R114	0699-2106	2	1	1	RESISTOR 100K +0.1% .125W TF TC=0+-5	06337	5023Z
R115	0757-0465	6	1	1	RESISTOR 100K +1% .125W TF TC=0+-100	05524	CMF-55-1
R116	0757-0465	6	1	1	RESISTOR 100K +1% .125W TF TC=0+-100	05524	CMF-55-1
R120	0699-2104	0	1	1	RESISTOR 169.5K +0.1% .125W TF TC=0+-5	06337	5023Z
R121	0699-0642	7	1	1	RESISTOR 10K +0.1% .1W TF TC=0+-5	05524	PTF-56-7
R122	0699-2122	2	1	1	RESISTOR 55.5K +0.1% .125W TF TC=0+-25	05524	CMF-55-1
R123	0698-6360	6	1	1	RESISTOR 10K +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R124	0757-0442	9	1	1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R125	0757-0401	0	1	1	RESISTOR 100 +1% .125W TF TC=0+-100	05524	CMF-55-1
R126	0699-0555	1	1	1	RESISTOR 100 +0.1% .3W MF TC=0+-5	02928	301464
R127	0699-1823	8	1	1	RESISTOR 30 +1% .3W MF TC=0+-5	02928	301464
R128	0699-1823	8	1	1	RESISTOR 30 +1% .3W MF TC=0+-5	02928	301464
R129	0757-0442	9	1	1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R132	0699-2105	1	1	1	RESISTOR 150K +0.1% .125W TF TC=0+-5	06337	5023Z
R135	0757-0442	9	1	1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R137	0698-6360	6	1	1	RESISTOR 10K +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9

**Indicates factory-selected value*

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HP Part Number 08563-60028
Frequency Control (continued)

Reference Designator	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
R138	0698-6362	8		1	RESISTOR 1K $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R139	0698-7912	6		1	RESISTOR 111.1 $\pm 0.25\%$.125W TF	05524	CMF-55-1, T-1
R142	0698-3161	9		1	RESISTOR 38.3K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R143	0698-3454	3		1	RESISTOR 215K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R144	0699-0118	2		1	RESISTOR 20K $\pm 0.1\%$.1W TF TC=0 \pm 5	05524	PTF-56-7
R145	0699-0642	7		1	RESISTOR 10K $\pm 0.1\%$.1W TF TC=0 \pm 5	05524	PTF-56-7
R146	0698-8530	6		1	RESISTOR 64.9K $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1
R162	0698-3441	8		1	RESISTOR 215 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R164	0698-7218	5		1	RESISTOR 178 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R165	0698-7218	5		1	RESISTOR 178 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R166	0698-8958	2		1	RESISTOR 511K $\pm 1\%$.125W TF TC=0 \pm 100	01074	H8
R167	0698-8958	2		1	RESISTOR 511K $\pm 1\%$.125W TF TC=0 \pm 100	01074	H8
R168	0811-3587	5		1	RESISTOR 0 CWM	03123	104
R169	0811-3587	5		1	RESISTOR 0 CWM	03123	104
R175	0698-7212	9		1	RESISTOR 100 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R176	0698-7212	9		1	RESISTOR 100 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R177	0698-7212	9		1	RESISTOR 100 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R178	0698-7212	9		1	RESISTOR 100 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R179	0698-7212	9		1	RESISTOR 100 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R180	0698-7212	9		1	RESISTOR 100 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R301	0698-7250	5		1	RESISTOR 3.83K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R302	0698-7284	5		1	RESISTOR 100K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R303	0698-7263	0		1	RESISTOR 13.3K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R304	0757-0289	2		1	RESISTOR 13.3K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R305	0757-0289	2		1	RESISTOR 13.3K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R306	0757-0289	2		1	RESISTOR 13.3K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R307	0698-7260	7		1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R308	0698-7253	8		1	RESISTOR 5.11K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R309	0698-7260	7		1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R311	0698-7284	5		1	RESISTOR 100K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R312	0698-7260	7		1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R313	0698-7284	5		1	RESISTOR 100K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R315	0757-0442	9		1	RESISTOR 10K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R316	0757-0401	0		1	RESISTOR 100 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R317	0698-7229	8		1	RESISTOR 511 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2

HP Part Number 08563-60028
Frequency Control (continued)

Reference Designator	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
R321	0698-3446	3		1	RESISTOR 383 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R322	0757-0394	0		1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R323	0698-7248	1		1	RESISTOR 3.16K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R324	0698-7268	5		1	RESISTOR 21.5K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R325	0698-7260	7		1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R326	0757-0442	9		1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R327	0698-7236	7		1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R328	0698-7212	9		1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R329	0757-0401	0		1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R330	0698-7229	8		1	RESISTOR 511 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R331	0757-1094	9		1	RESISTOR 1.47K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R332	0699-0068	1		1	RESISTOR 1.47M +-1% .125W TF TC=0+-100	06118	MK2
R333	0698-3449	6		1	RESISTOR 28.7K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R334	0757-0442	9		1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R335	0757-0202	9		1	RESISTOR 13.7K +-1% .125W TF TC=0+-50	05524	CMF-55-1, T-2
R336	0698-3260	9		1	RESISTOR 464K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R337	0698-3155	1		1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R338	0698-3154	0		1	RESISTOR 4.22K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R340	0698-3156	2		1	RESISTOR 14.7K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R341	0698-7229	8		1	RESISTOR 511 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R342	0757-0280	3		1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R345	0698-7236	7		1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R347	0757-0394	0		1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R348	0757-0394	0		1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R349	0757-0394	0		1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R350	0698-7189	9		1	RESISTOR 11 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R351	0698-7189	9		1	RESISTOR 11 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R352	0698-7213	0		1	RESISTOR 110 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R353	0698-7193	5		1	RESISTOR 16.2 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R354	0698-7193	5		1	RESISTOR 16.2 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R355	0698-7208	3		1	RESISTOR 68.1 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R356	0698-7205	0		1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R357	0698-7212	9		1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R358	0698-7260	7		1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R359	0698-7220	9		1	RESISTOR 215 +-1% .05W TF TC=0+-100	05524	CMF-50-2

**Indicates factory-selected value*

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HP Part Number 08563-60028
Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R360	0698-7246	9	1	RESISTOR 2.61K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R361	0698-7268	5	1	RESISTOR 21.5K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R362	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R363	0698-7268	5	1	RESISTOR 21.5K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R364	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R365	0698-7229	8	1	RESISTOR 511 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R366	0698-7229	8	1	RESISTOR 511 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R367	0698-7241	4	1	RESISTOR 1.62K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R368	0757-0346	2	1	RESISTOR 10 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R369	0698-8615	8	1	RESISTOR 75K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R370	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R371	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R372	0698-7241	4	1	RESISTOR 1.62K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R373	0698-7246	9	1	RESISTOR 2.61K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R375	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R376	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R377	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R379	0698-3444	1	1	RESISTOR 316 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R380	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R381	0757-0420	3	1	RESISTOR 750 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R382	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R383	0698-7271	0	1	RESISTOR 28.7K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R384	0698-7248	1	1	RESISTOR 3.16K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R386	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R387	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R388	0698-7228	7	1	RESISTOR 464 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R389	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R390	0698-7284	5	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R391	0698-7280	1	1	RESISTOR 68.1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R392	0698-7236	7	1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R396	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R397	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R398	0699-0073	8	1	RESISTOR 10M +-1% .125W TF TC=0+-100	06118	MK2
R399	0699-0073	8	1	RESISTOR 10M +-1% .125W TF TC=0+-100	06118	MK2
R400	0699-0127	3	1	RESISTOR 464K +-1% .05W TF TC=0+-100	02499	RG-1/8-T050

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Frequency Control (continued)

Reference Designator	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
R531	0698-7220	9	1	1	RESISTOR 215 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R532	0698-7220	9	1	1	RESISTOR 215 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R533	0698-7228	7	1	1	RESISTOR 464 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R534	0698-7228	7	1	1	RESISTOR 464 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R535	0698-7228	7	1	1	RESISTOR 464 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R541	0698-7205	0	1	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R542	0698-7212	9	1	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R543	0698-7236	7	1	1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R544	0698-7205	0	1	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R545	0698-7220	9	1	1	RESISTOR 215 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R548	0698-7220	9	1	1	RESISTOR 215 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R551	0698-7284	5	1	1	RESISTOR 100K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R552	0698-7235	6	1	1	RESISTOR 909 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R553	0698-7235	6	1	1	RESISTOR 909 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R554	0698-7219	6	1	1	RESISTOR 196 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R562	0698-7205	0	1	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R563	0698-7205	0	1	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R564	0698-7236	7	1	1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R570	0698-7236	7	1	1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R571	0698-7225	4	1	1	RESISTOR 348 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R580	0698-7236	7	1	1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R581	0698-7234	5	1	1	RESISTOR 825 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R583	0698-7193	5	1	1	RESISTOR 16.2 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R584	0698-7212	9	1	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R585	0698-7225	4	1	1	RESISTOR 348 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R586	0698-7212	9	1	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R587	0698-7197	9	1	1	RESISTOR 23.7 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R588	0698-7205	0	1	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R589	0698-7205	0	1	1	RESISTOR 51.1 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R590	0698-7225	4	1	1	RESISTOR 348 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R591	0698-7236	7	1	1	RESISTOR 1K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R592	0698-7188	8	1	1	RESISTOR 10 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R593	0698-7228	7	1	1	RESISTOR 464 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R594	0698-7228	7	1	1	RESISTOR 464 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R601	0698-7260	7	1	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2

**Indicates factory-selected value*

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HP Part Number 08563-60028
Frequency Control (continued)

Reference Designator	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
R602	0698-7260	7		1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R603	0698-7260	7		1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R604	0698-7260	7		1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R619	0757-0442	9		1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R620	0698-0084	9		1	RESISTOR 2.15K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R621	2100-4184	5		1	RESISTOR-TRMR 10K 10% TKF TOP-ADJ 1-TRN	03744	3329H-EG9-103
R623	0757-0416	7		1	RESISTOR 511 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R624	0757-0280	3		1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R625	0757-0416	7		1	RESISTOR 511 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R628	2100-4182	3		1	RESISTOR-TRMR 2K 10% TKF TOP-ADJ 1-TRN	03744	3329H-EG9-202
R629	0757-0289	2		1	RESISTOR 13.3K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R701	0698-7260	7		1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R703	0698-7260	7		1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R704	0698-7260	7		1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R705	0698-7260	7		1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R706	0698-7260	7		1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R707	0698-7260	7		1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R709	0698-7260	7		1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R710	0698-7260	7		1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R711	0698-7260	7		1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R712	0698-7260	7		1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R714	0698-7260	7		1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R716	0698-7260	7		1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R718	0698-7260	7		1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R727	0698-7260	7		1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R730	0698-7260	7		1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R731	0698-7260	7		1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R732	0698-7260	7		1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
U101	1820-3964	2		1	IC PRESCR ECL	02037	MC12018P
U102	1813-0211	1		1	IC WIDEBAND AMPL TO-39	02037	MWA110
U103	1820-1888	5		1	IC PRESCR ECL	02037	MC12013P
U104	1820-1442	7		1	IC CNTR TTL/LS DECD ASYNCHRO	28480	1820-1442
U105	1820-0630	3		1	IC MISC ECL	02037	MC4044P
U106	1826-1640	9		1	IC COMPARATOR HS 8 PIN DIP-C	03406	LM360J
U107	1826-0285	6		1	IC V RGLTR-FXD-NEG -4.8/-5.2V 3-TO-92	02037	MC79L05ACP

HP Part Number 08563-60028
Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
U108	1826-0276	5	1	IC V RGLTR-FXD-POS 4.8/5.2V TO-92 PKG	02037	MC78L05ACP
U109	1826-1175	5	1	IC WIDEBAND AMPL VID 10 PIN TO-100	03406	LM733H
U110	1820-3405	6	1	IC MISC CMOS 4-BIT	02037	MC145146P
U111	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U112	1826-0791	9	1	SAMPLE AND HOLD 8 -DIP-P	03406	LF398N
U113	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U114	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U115	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U116	1826-1361	1	1	ANALOG SWITCH 4 SPST 16 -DIP-P	02883	DG212CJ
U117	0955-0113	1	1	U-WAVE MIXER 1 GHZ MAX	02739	TFM-2-38
U118	1813-0212	2	1	IC WIDEBAND AMPL TO-39	02037	MWA120
U119	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U120	1826-0890	9	1	IC OP AMP GP DUAL 8 PIN DIP-P	03406	LM358AN
U121	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U122	1826-0890	9	1	IC OP AMP GP DUAL 8 PIN DIP-P	03406	LM358AN
U123	1813-0211	1	1	IC WIDEBAND AMPL TO-39	02037	MWA110
U124	1820-3405	6	1	IC MISC CMOS 4-BIT	02037	MC145146P
U125	1826-0276	5	1	IC V RGLTR-FXD-POS 4.8/5.2V TO-92 PKG	02037	MC78L05ACP
U126	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U127	1820-3646	7	1	IC PRESCR ECL	02037	MC12015P
U128	1813-0211	1	1	IC WIDEBAND AMPL TO-39	02037	MWA110
U201	1813-0212	2	1	IC WIDEBAND AMPL TO-39	02037	MWA120
U202	1820-0920	4	1	IC RCVR ECL LINE RCVR QUAD 2-INP	02037	MC1692L
U203	1820-3485	2	1	IC PRESCR ECL	02037	MC12090P
U204	1820-1344	8	1	IC MISC ECL	02037	MC12040L
U205	1820-3485	2	1	IC PRESCR ECL	02037	MC12090P
U206	1810-0167	0	1	NETWORK-RES 8-SIP 330.0 OHM X 4	06252	750-83-R330
U207	1826-0371	1	1	IC OP AMP LOW-BIAS-H-IMPED 8 PIN TO-99	03406	LF256H
U301	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U302	1820-3079	0	1	IC DCDR CMOS/HC BIN 3-TO-8-LINE	28480	1820-3079
U303	1820-3079	0	1	IC DCDR CMOS/HC BIN 3-TO-8-LINE	28480	1820-3079
U304	1820-3079	0	1	IC DCDR CMOS/HC BIN 3-TO-8-LINE	28480	1820-3079
U305	1826-0605	4	1	ANALOG MULTIPLEXER 8 CHNL 16 -CERDIP	02883	DG508ABK
U306	1826-1012	9	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03799	HI1-0201-4
U307	1820-1934	2	1	D/A 8-BIT 16-CERDIP BPLR	03285	DAC-08EQ

**Indicates factory-selected value*

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HP Part Number 08563-60028
Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
U308	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U309	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U310	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U311	1820-4586	6	1	IC DRVR CMOS/HCT LINE OCTL	28480	1820-4586
U312	1826-1012	9	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03799	HI1-0201-4
U313	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U314	1826-2239	4	1	D/A 12-BIT 16-PLASTIC CMOS	03285	AD7542KN
U315	1826-2239	4	1	D/A 12-BIT 16-PLASTIC CMOS	03285	AD7542KN
U316	1826-2239	4	1	D/A 12-BIT 16-PLASTIC CMOS	03285	AD7542KN
U317	1826-0811	4	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03285	SW-01FQ
U318	1826-0811	4	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03285	SW-01FQ
U319	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U320	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U321	1826-0367	5	1	IC V RGLTR-FXD-POS 4.8/5.2V TO-39 PKG	03406	LM78M05CH
U322	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U323	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U324	1826-1361	1	1	ANALOG SWITCH 4 SPST 16 -DIP-P	02883	DG212CJ
U325	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U326	1826-1361	1	1	ANALOG SWITCH 4 SPST 16 -DIP-P	02883	DG212CJ
U327	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U328	1826-1116	4	1	IC OP AMP GP QUAD 14 PIN DIP-P	02290	RC4156DB
U329	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U330	1826-0932	0	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27FZ
U331	1826-0932	0	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27FZ
U332	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U333	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U401	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U402	1826-1543	1	1	IC OP AMP HS DUAL 8 PIN DIP-C	02037	MC34072AU
U403	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U404	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U405	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U406	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U407	1810-0527	6	1	NETWORK-RES 10-SIP 1.6K OHM X 9	02483	750-101-R1.6K
U408	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U409	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN

**HP Part Number 08563-60028
Frequency Control (continued)**

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
U410	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPD DUAL 8 PIN	02037	MC34002BU
U411	1826-0759	9	1	IC COMPARATOR GP QUAD 14 PIN DIP-C	03406	LM339J
U412	1810-1130	9	1	NETWORK-RES 8-SIP 47.0K OHM X 4	28480	1810-1130
U413	1810-0406	0	1	NETWORK-RES 8-SIP 10.0K OHM X 4	06252	750-83-R10K
U414	1826-1543	1	1	IC OP AMP HS DUAL 8 PIN DIP-C	02037	MC34072AU
U415	1826-0811	4	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03285	SW-01FQ
U416	1826-0811	4	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03285	SW-01FQ
U417	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U418	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U419	1826-1514	6	1	IC V RGLTR-V-REF-FXD 9.95/10.05V 8-DIP-P	10858	LT1021BCN8-10
U420	1820-1200	5	1	IC INV TTL/LS HEX	06347	HD74LS05P
U421	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPD DUAL 8 PIN	02037	MC34002BU
U422	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPD DUAL 8 PIN	02037	MC34002BU
U423	1826-1149	3	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-07EZ
U424	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPD DUAL 8 PIN	02037	MC34002BU
U425	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U426	1810-0316	1	1	NETWORK-RES 16-DIP 10.0K OHM X 8	02483	761-3-R10K
U427	1826-0759	9	1	IC COMPARATOR GP QUAD 14 PIN DIP-C	03406	LM339J
U428	1810-0406	0	1	NETWORK-RES 8-SIP 10.0K OHM X 4	06252	750-83-R10K
VR1	1902-0579	3	1	DIODE-ZNR 5.1V 5% PD=1W IR=10UA	02037	1N4733ARL
VR2	1902-0579	3	1	DIODE-ZNR 5.1V 5% PD=1W IR=10UA	02037	1N4733ARL
VR3	1902-0202	9	1	DIODE-ZNR 15V 5% PD=1W IR=5UA	02037	1N4744ARL
VR4	1902-3104	6	1	DIODE-ZNR 5.62V 5% DO-35 PD=.4W	02037	SZ30016-1
VR5	1902-0554	4	1	DIODE-ZNR 10V 5% PD=1W IR=10UA	02037	1N4740ARL
VR304	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1
VR305	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1
VR306	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1
VR307	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1
VR308	1902-3139	7	1	DIODE-ZNR 8.25V 5% DO-35 PD=.4W	02037	SZ30016-1
VR309	1902-3139	7	1	DIODE-ZNR 8.25V 5% DO-35 PD=.4W	02037	SZ30016-1
VR316	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1
VR317	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1

**Indicates factory-selected value*

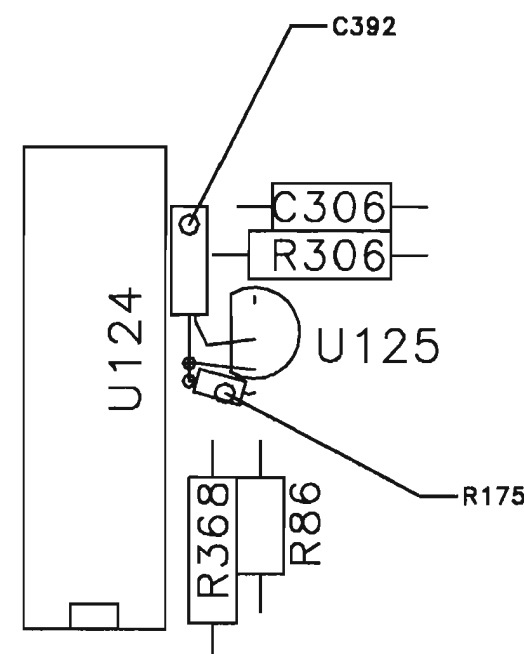
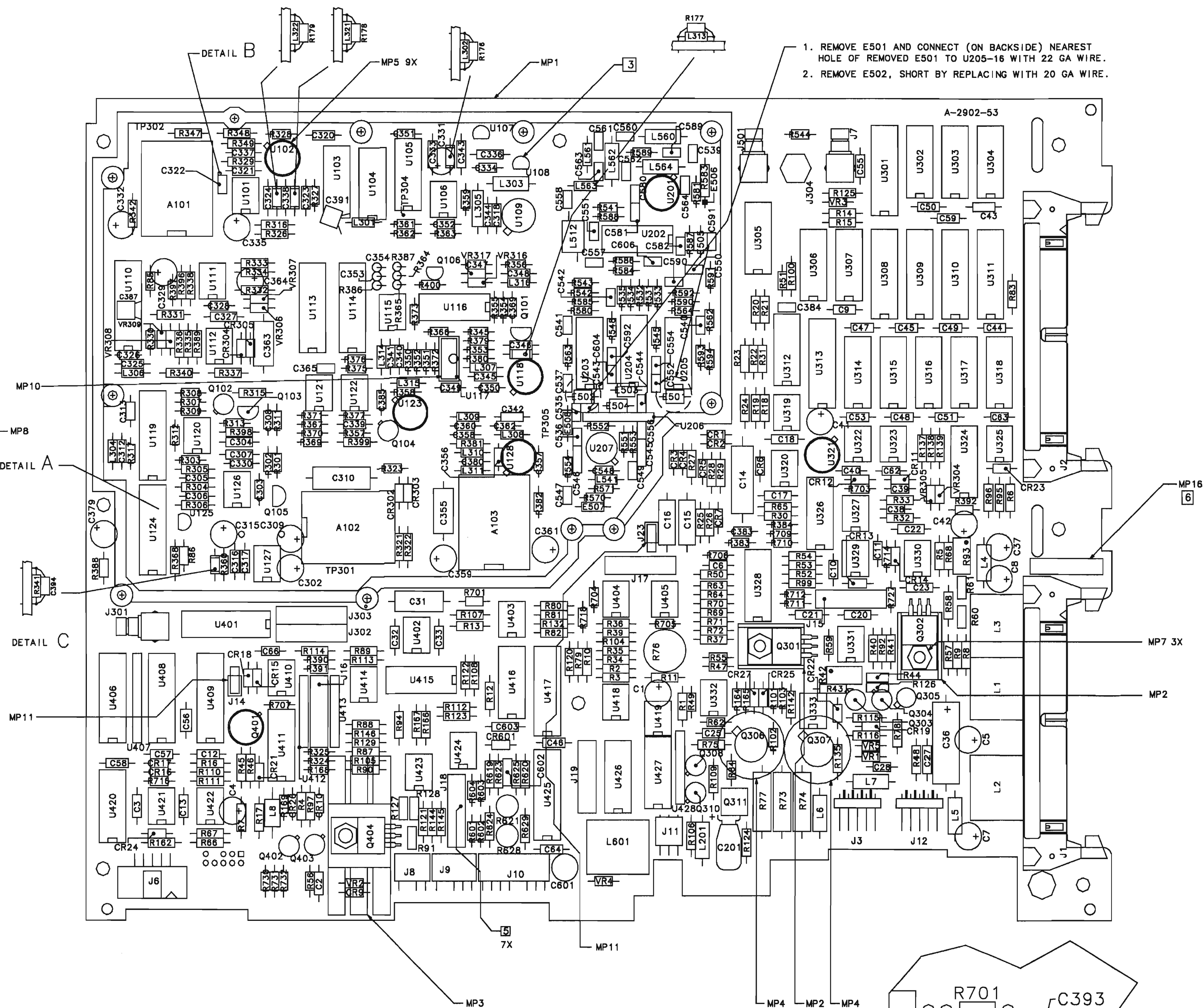
CLIP 08563-90052 Frequency Control 21

Scans by ArtekMedia => 2010

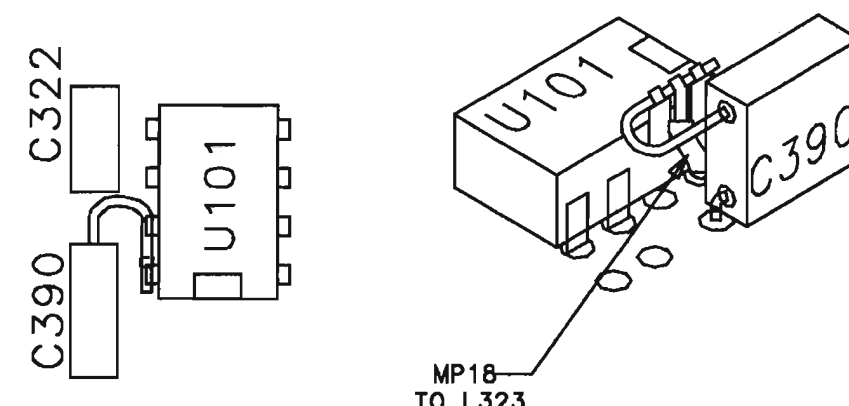
SYN		REVISIONS	E-08563-60028-2	
SYN		APPROVED	DATE	
A	AS ISSUED PER PCO 53-06744			

NOTES: UNLESS OTHERWISE SPECIFIED

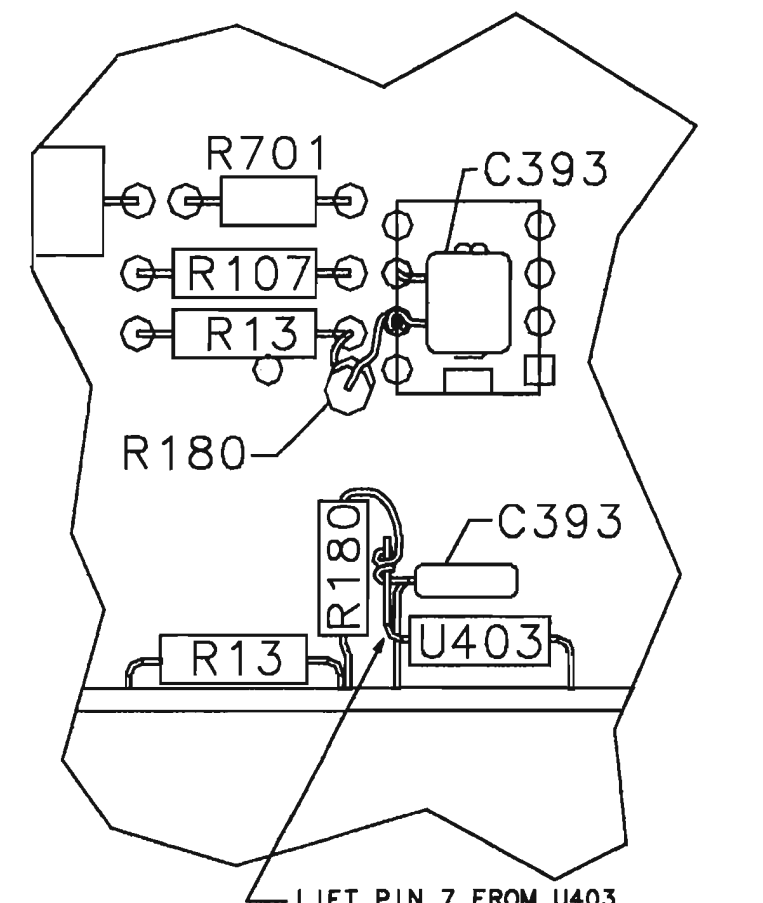
1. DIMENSIONS ARE IN INCHES.
2. REMOVE TABS AFTER WAVE SOLDER.
3. MAXIMUM COMPONENT HEIGHT ---400-----
4. MAXIMUM LEAD TRIM LENGTH ---118-----
5. ASSURE THAT PIN #9 HAS BEEN REMOVED FROM J15, J16, J17, J18, J19, J302, J303 PRIOR TO ASSEMBLY AND MACHINE SOLDER.
6. 08563-60006 USES RAW BOARD 08562-20055. ADD LABEL MP16 TO MAKE DISTINCTION.



DETAIL A
LIFT INPUT LEAD (PIN 3) OF U125
PRIOR TO ADDING R175




DETAIL B
1. LIFT PINS 7,8 FROM U101 PRIOR TO ADDING C390
2. INSERT MP18 THRU U101 PIN 8 HOLE IN BOARD
3. SOLDER MP18 TO C390 LEAD AS SHOWN



DETAIL C
LIFT PIN 7 FROM U403,
PRIOR TO ADDING C393 AND R108
SCALE: NONE

SEE 08563-60006 MATERIAL LIST

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UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.	DRAWN BY	DATE	BOARD ASSEMBLY- FREQUENCY CONTROL		 HEWLETT PACKARD
TOLERANCES: XX.XXX EL.018	ENGINEER/CHECKER		TITLE		
SEE COMP. STD. 604	RELEASED TO PROD.		NONE	1 2	E-08563-60028-2
	SUPERSEDED BY		SCALE	SHEET	PART NUMBER

SYM	REVISIONS	APPROVED	DATE
A	AS ISSUED PER PCO 53-07449	DC	
B	PER PCO 53-07344	DC	

J1	PIN	SIGNAL	TO-FROM	FUNCTION BLOCK
J1	1	NC		
	2	21V		2 F
	3	21V		2 F
	4	21V		2 F
	5	21V		2 F
	6	21V		2 F
	7	21V		2 F
	8	21V		2 F
	9	21V		2 F
	10	21V		2 F
J1	11	21V		2 F
	12	21V		2 F
	13	21V		2 F
	14	21V		2 F
	15	21V		2 F
	16	21V		2 F
	17	21V		2 F
	18	21V		2 F
	19	21V		2 F
	20	21V		2 F
J1	21	21V		2 F
	22	21V		2 F
	23	21V		2 F
	24	21V		2 F
	25	21V		2 F
	26	21V		2 F
	27	21V		2 F
	28	21V		2 F
	29	21V		2 F
	30	21V		2 F
J1	31	21V		2 F
	32	21V		2 F
	33	21V		2 F
	34	21V		2 F
	35	21V		2 F
	36	21V		2 F
	37	21V		2 F
	38	21V		2 F
	39	21V		2 F
	40	21V		2 F
J1	41	21V		2 F
	42	21V		2 F
	43	21V		2 F
	44	21V		2 F
	45	21V		2 F
	46	21V		2 F
	47	21V		2 F
	48	21V		2 F
	49	21V		2 F
	50	21V		2 F

J2	PIN	SIGNAL	TO-FROM	FUNCTION BLOCK
J2	1	21V		2 F
	2	21V		2 F
	3	21V		2 F
	4	21V		2 F
	5	21V		2 F
	6	21V		2 F
	7	21V		2 F
	8	21V		2 F
	9	21V		2 F
	10	21V		2 F
J2	11	21V		2 F
	12	21V		2 F
	13	21V		2 F
	14	21V		2 F
	15	21V		2 F
	16	21V		2 F
	17	21V		2 F
	18	21V		2 F
	19	21V		2 F
	20	21V		2 F
J2	21	21V		2 F
	22	21V		2 F
	23	21V		2 F
	24	21V		2 F
	25	21V		2 F
	26	21V		2 F
	27	21V		2 F
	28	21V		2 F
	29	21V		2 F
	30	21V		2 F
J2	31	21V		2 F
	32	21V		2 F
	33	21V		2 F
	34	21V		2 F
	35	21V		2 F
	36	21V		2 F
	37	21V		2 F
	38	21V		2 F
	39	21V		2 F
	40	21V		2 F
J2	41	21V		2 F
	42	21V		2 F
	43	21V		2 F
	44	21V		2 F
	45	21V		2 F
	46	21V		2 F
	47	21V		2 F
	48	21V		2 F
	49	21V		2 F
	50	21V		2 F

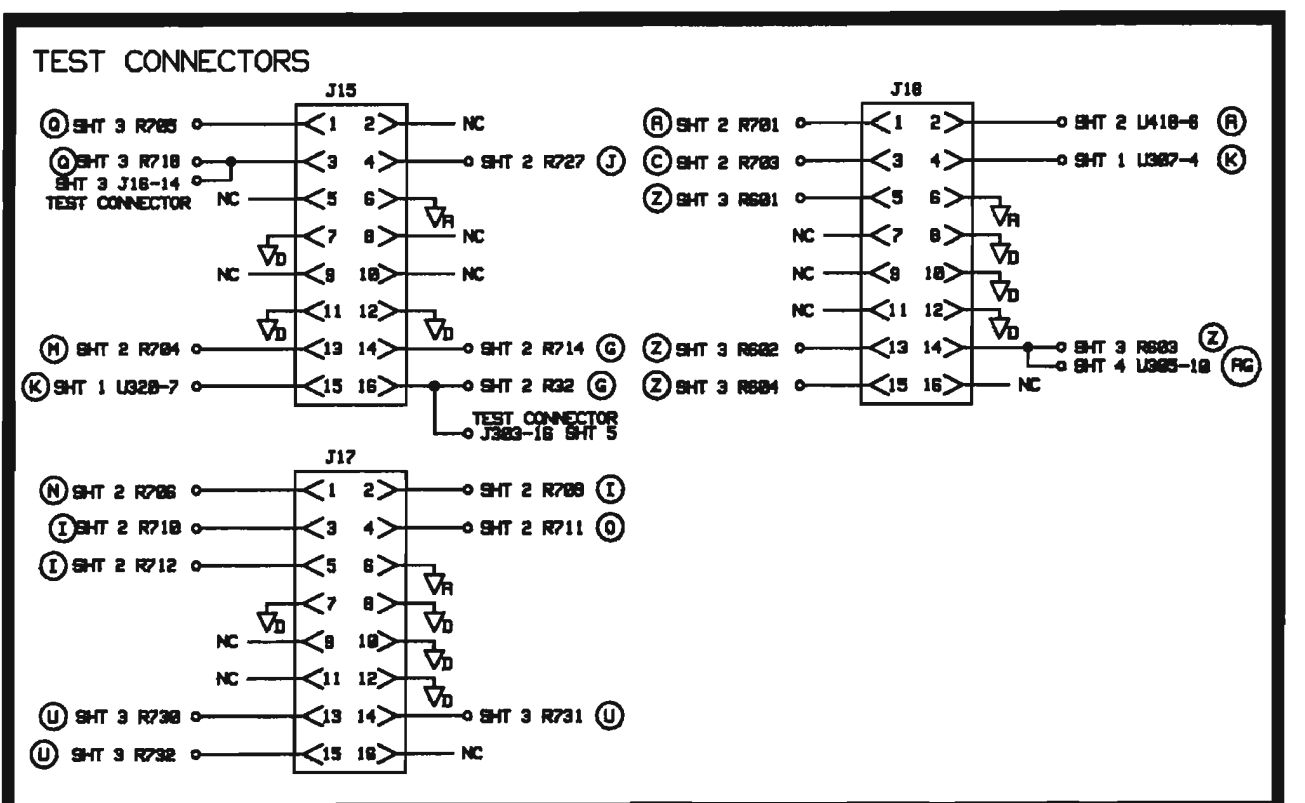
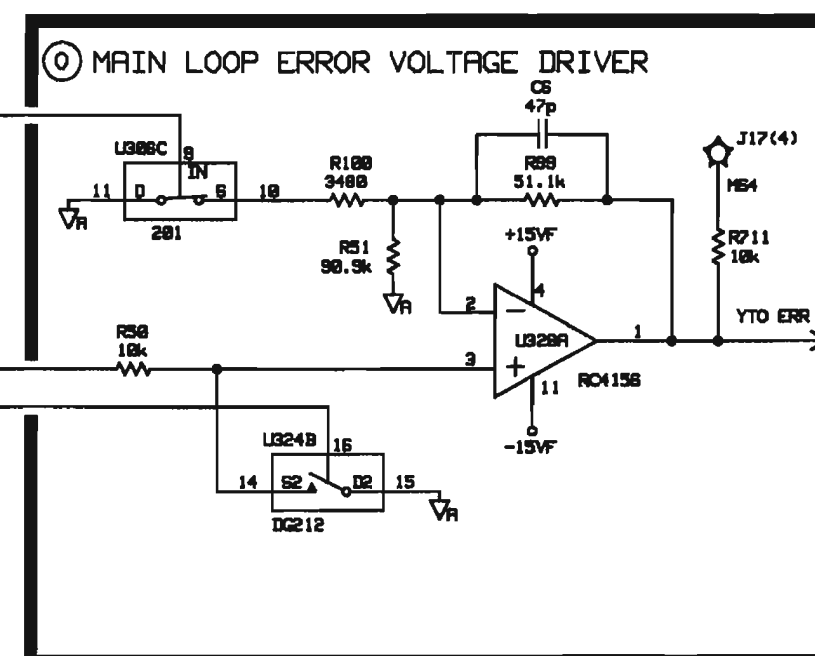
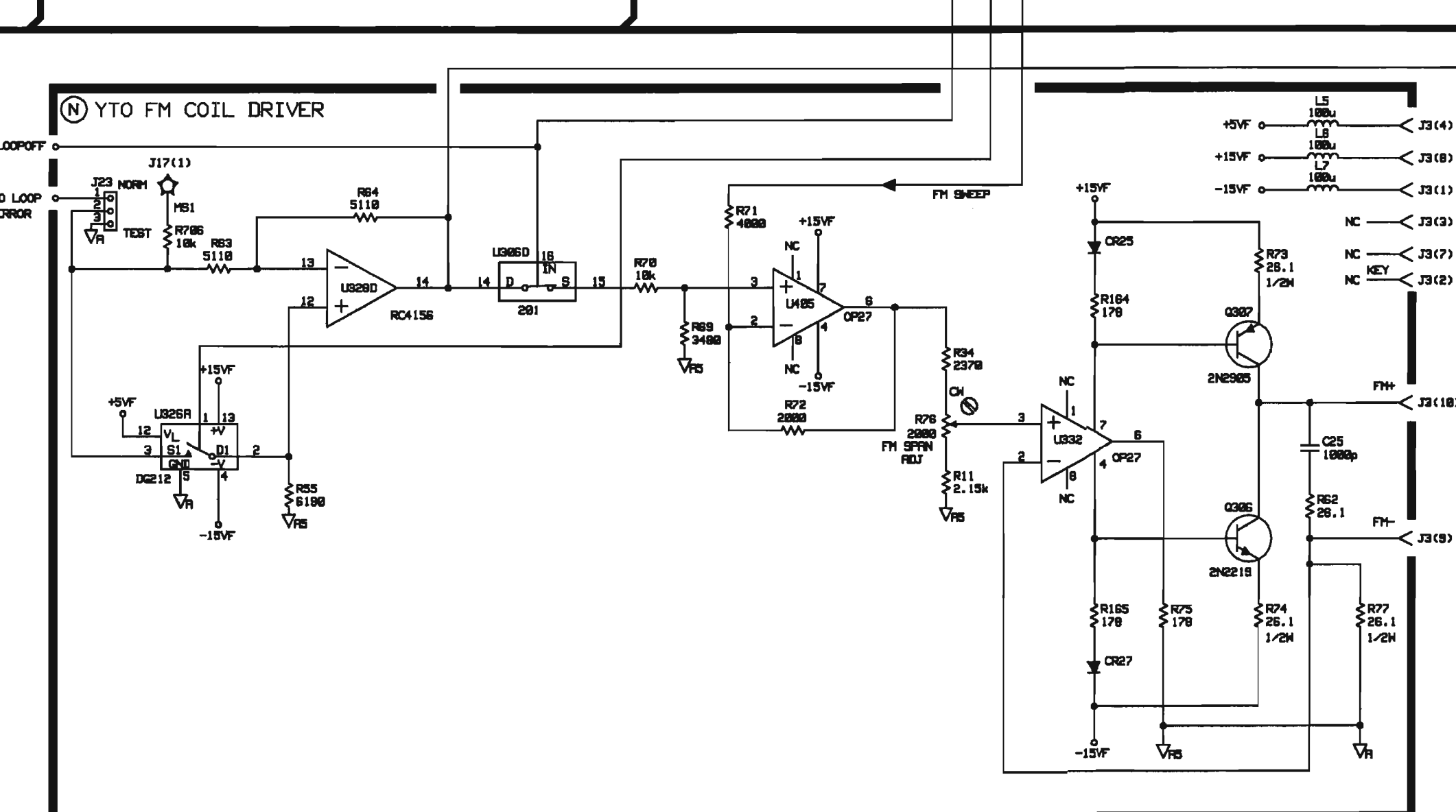
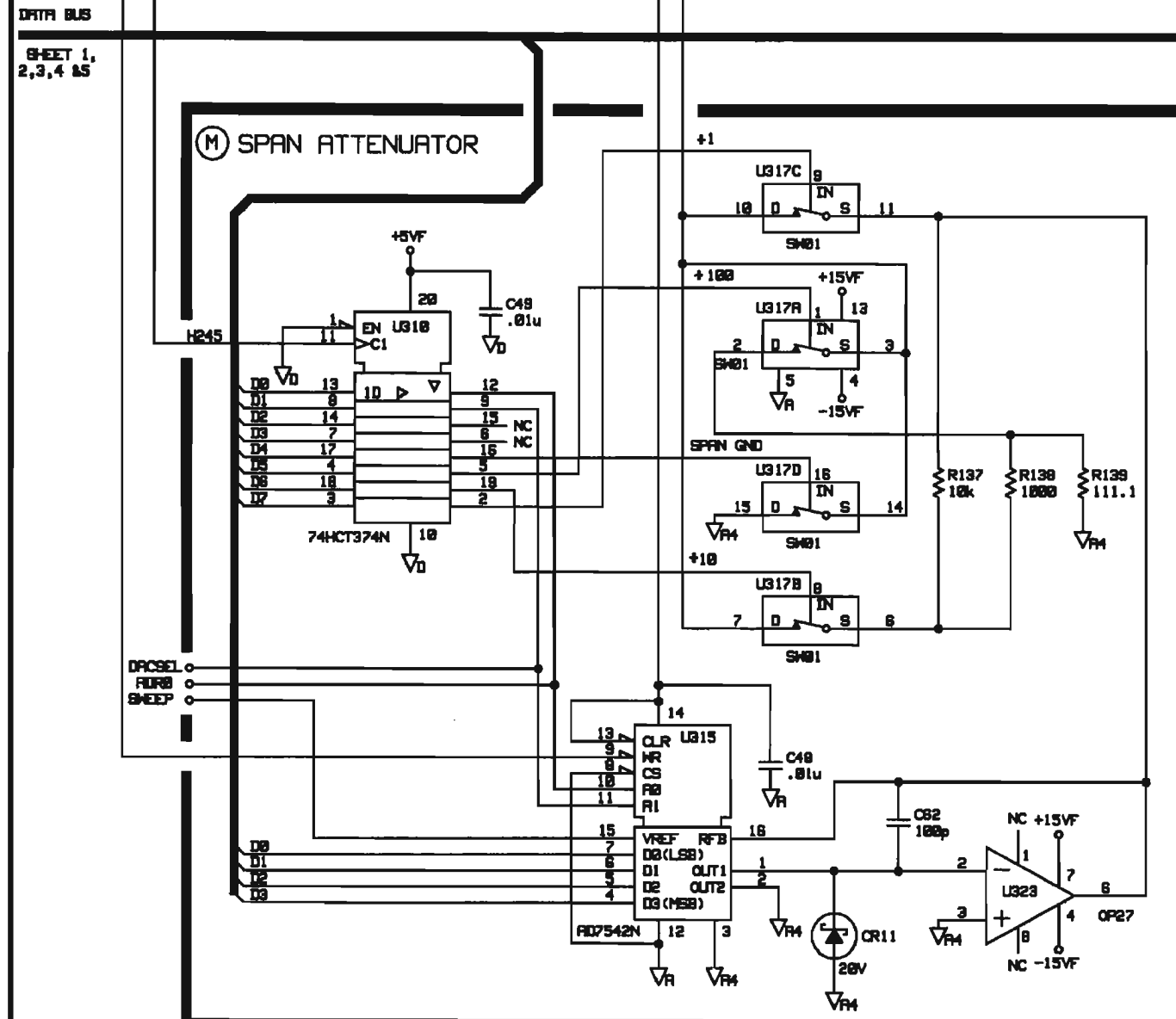
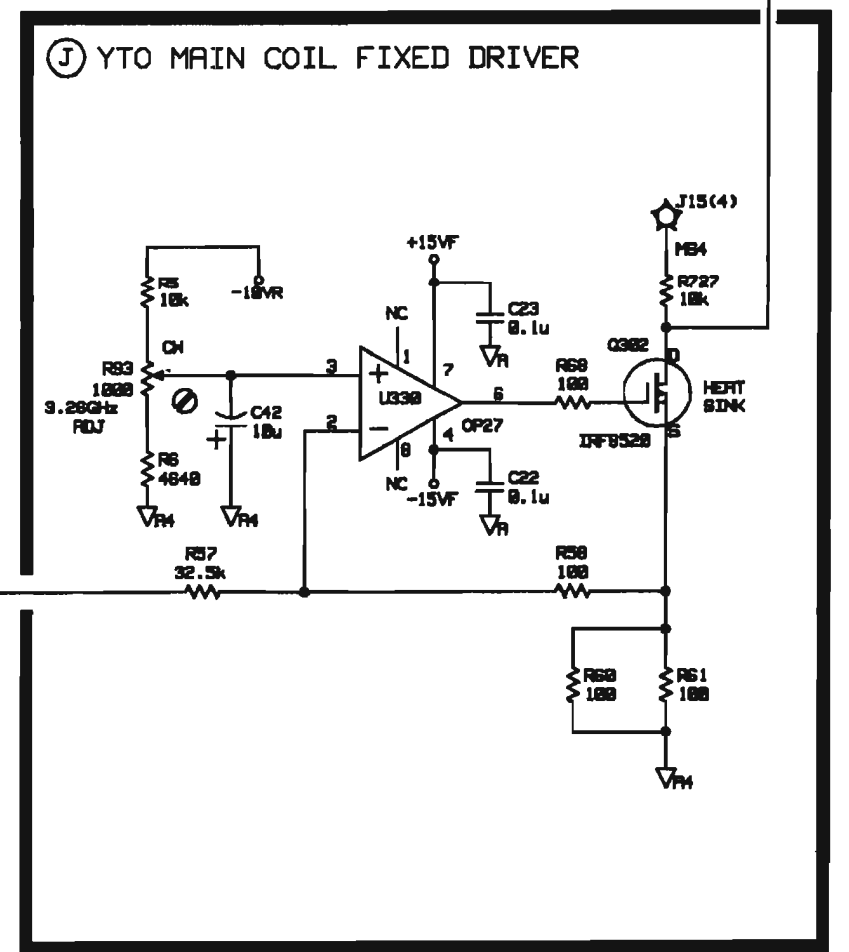
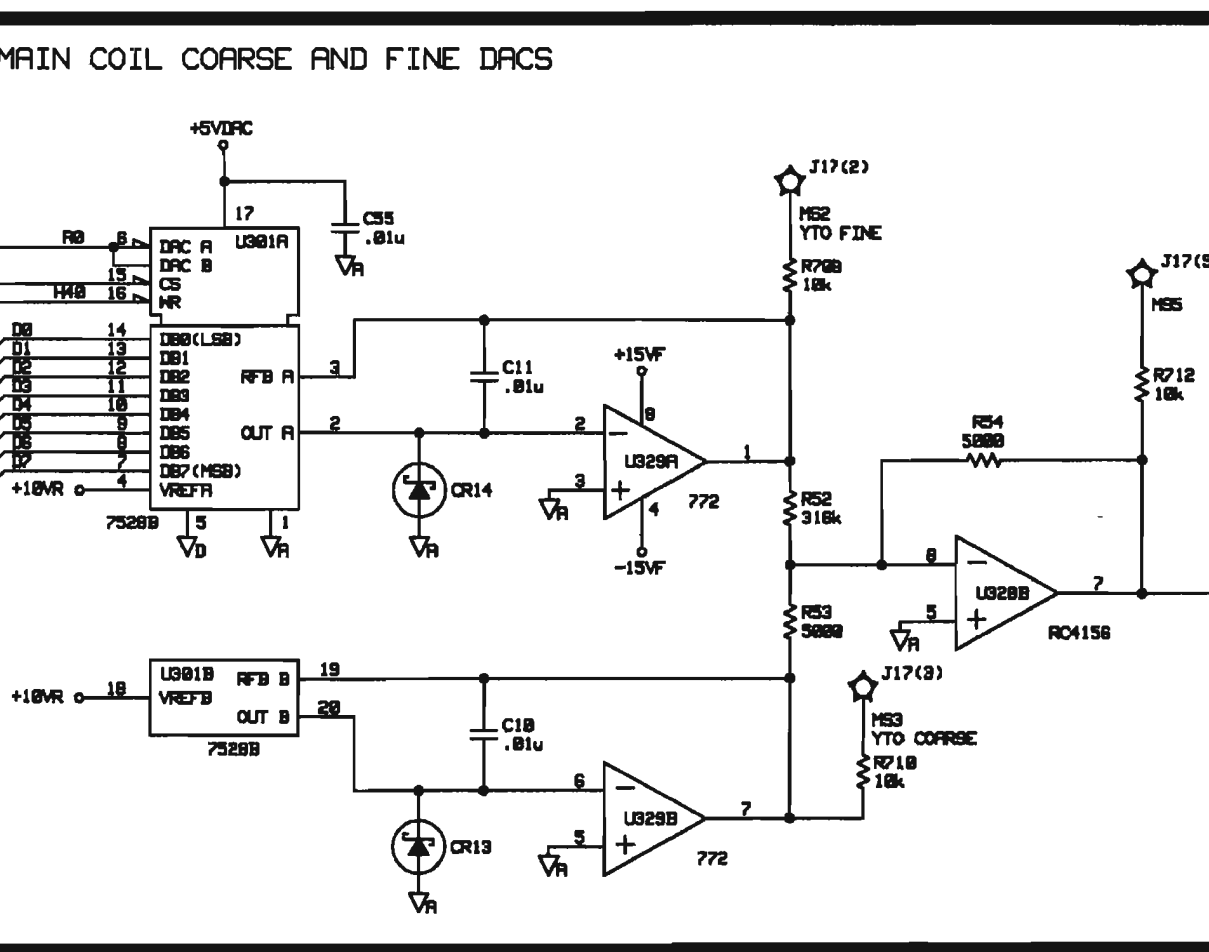
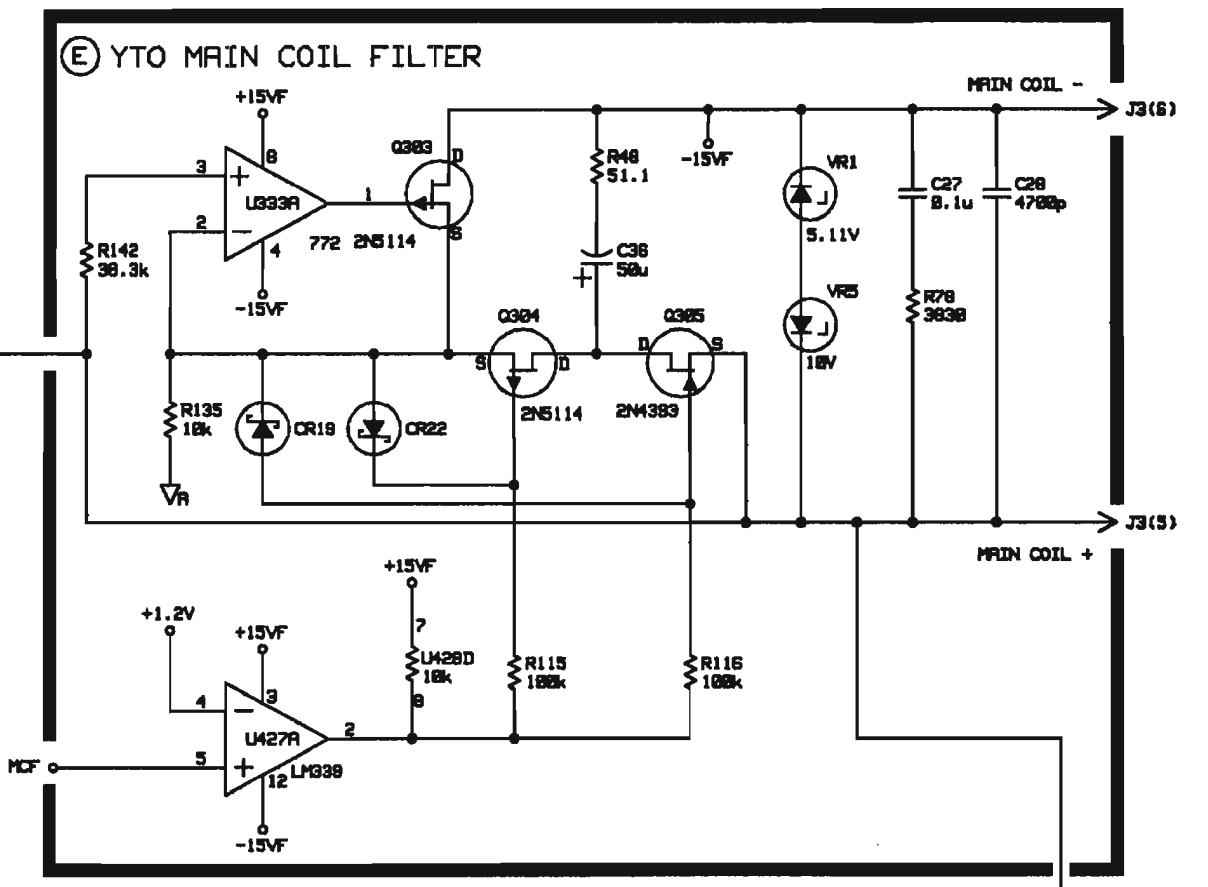
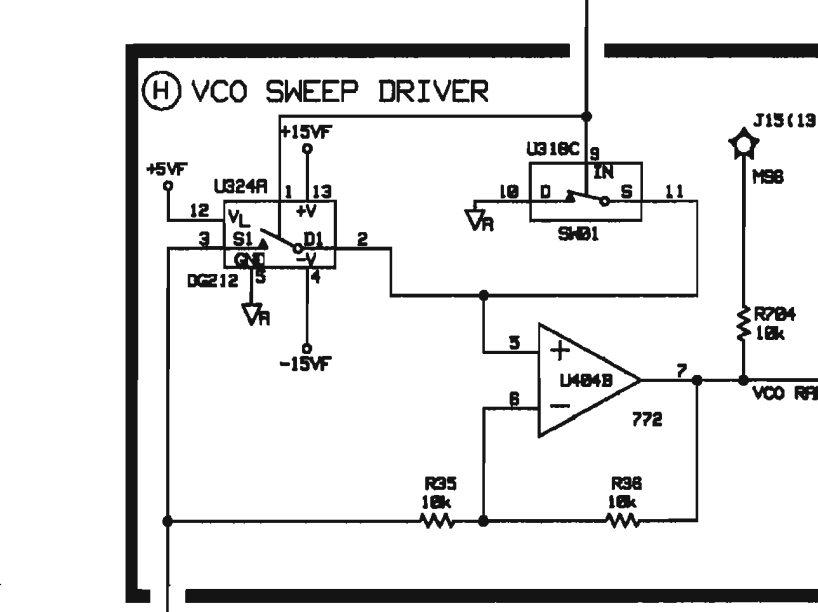
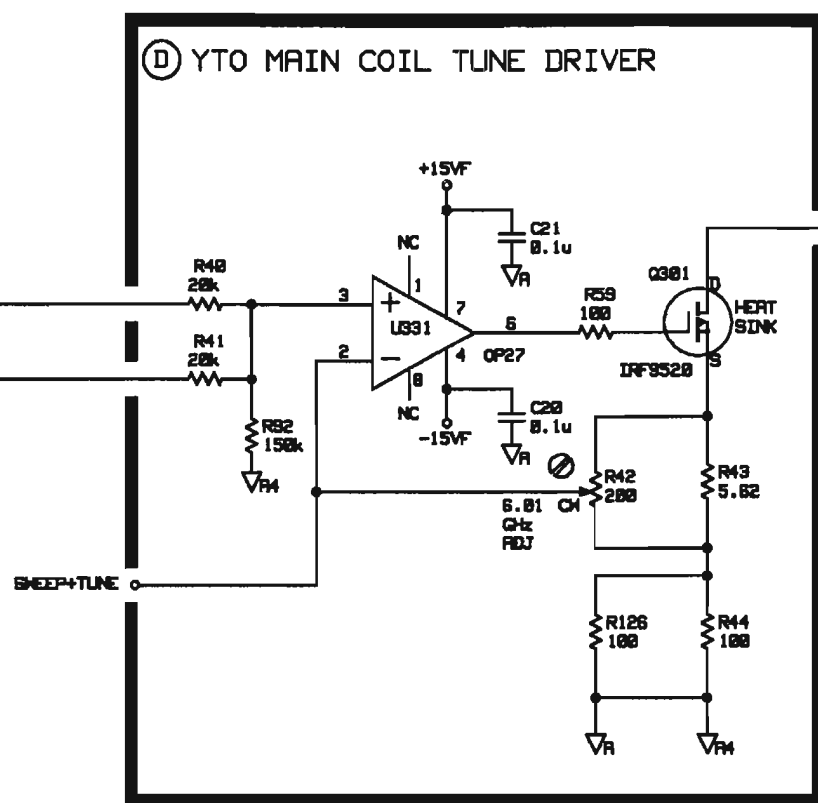
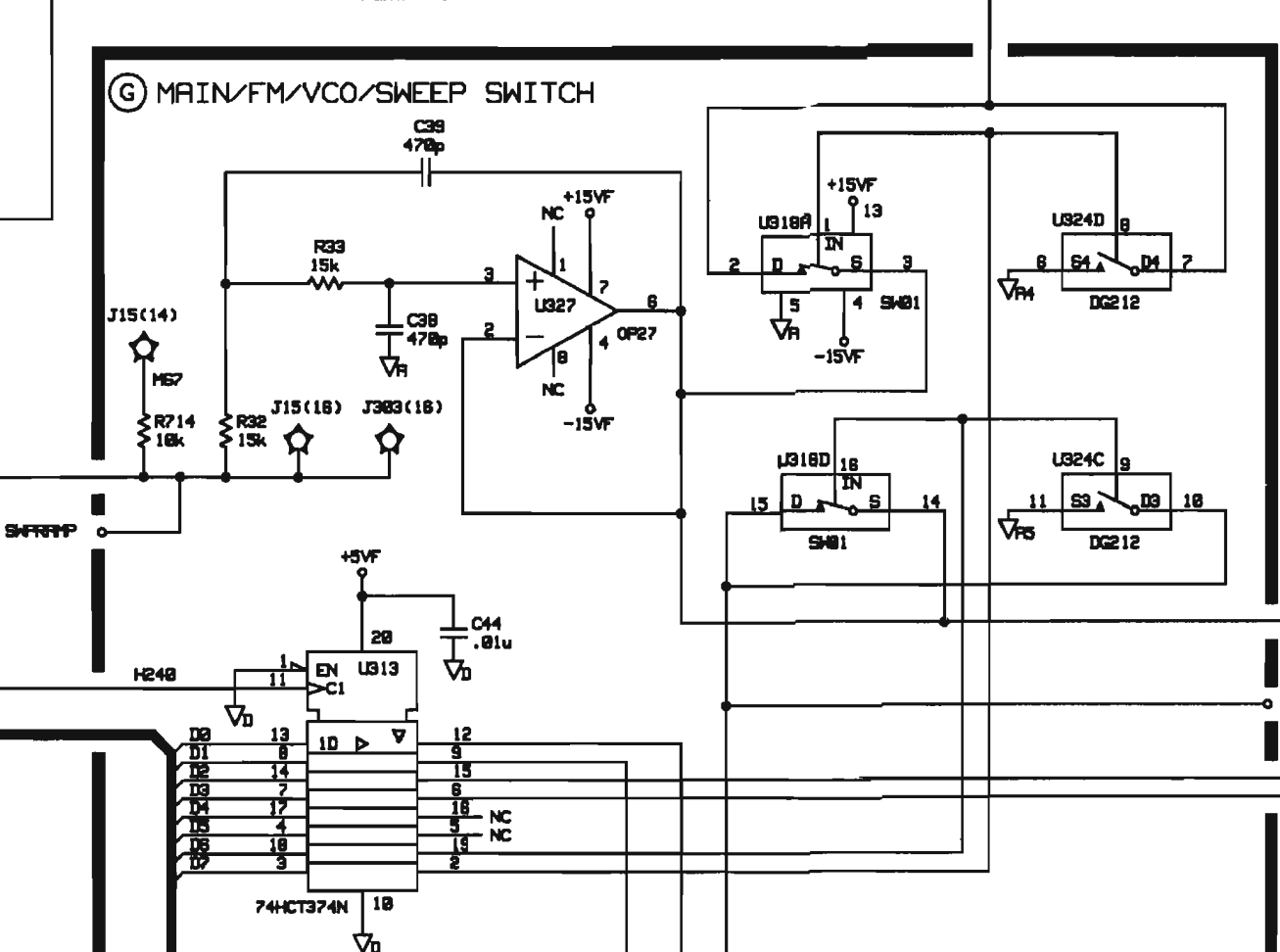
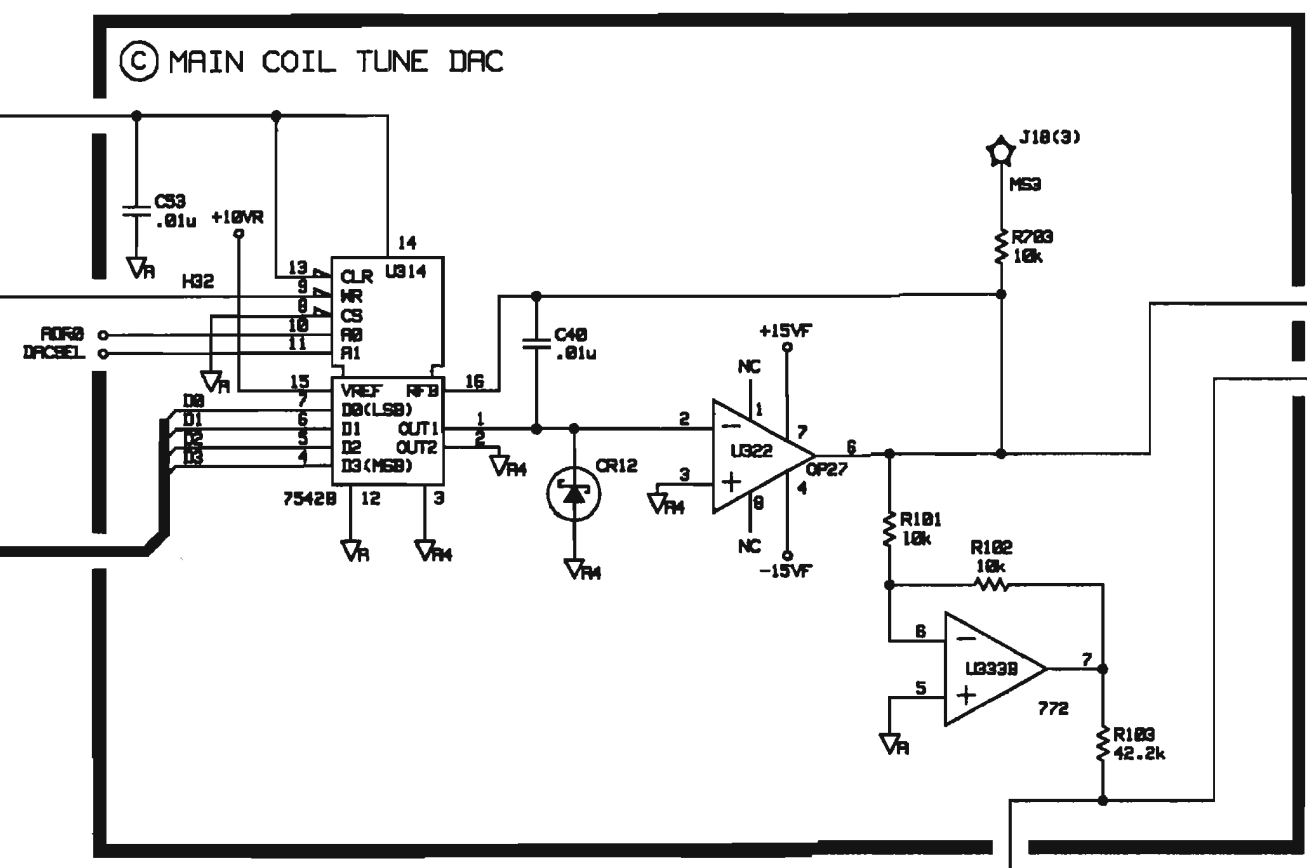
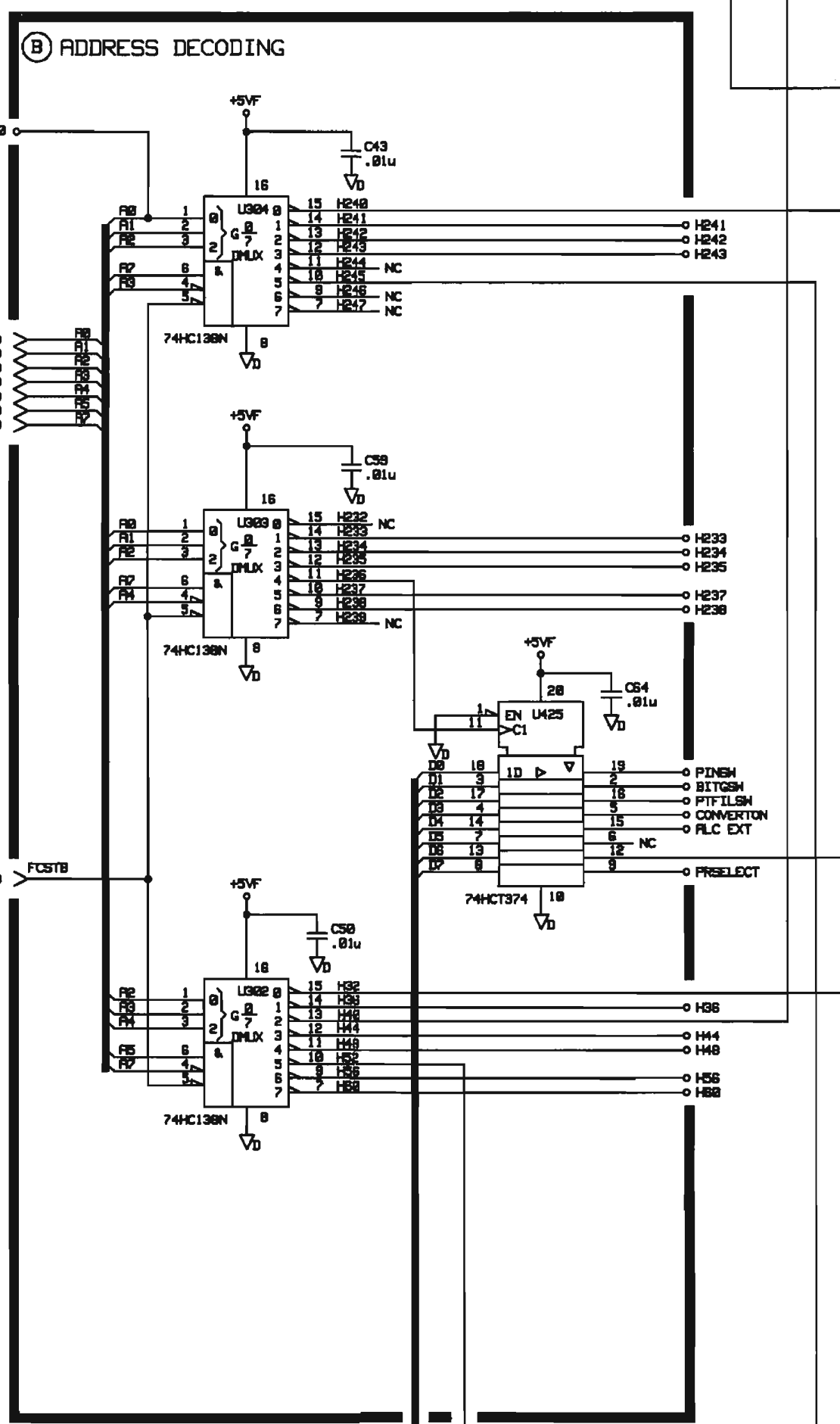
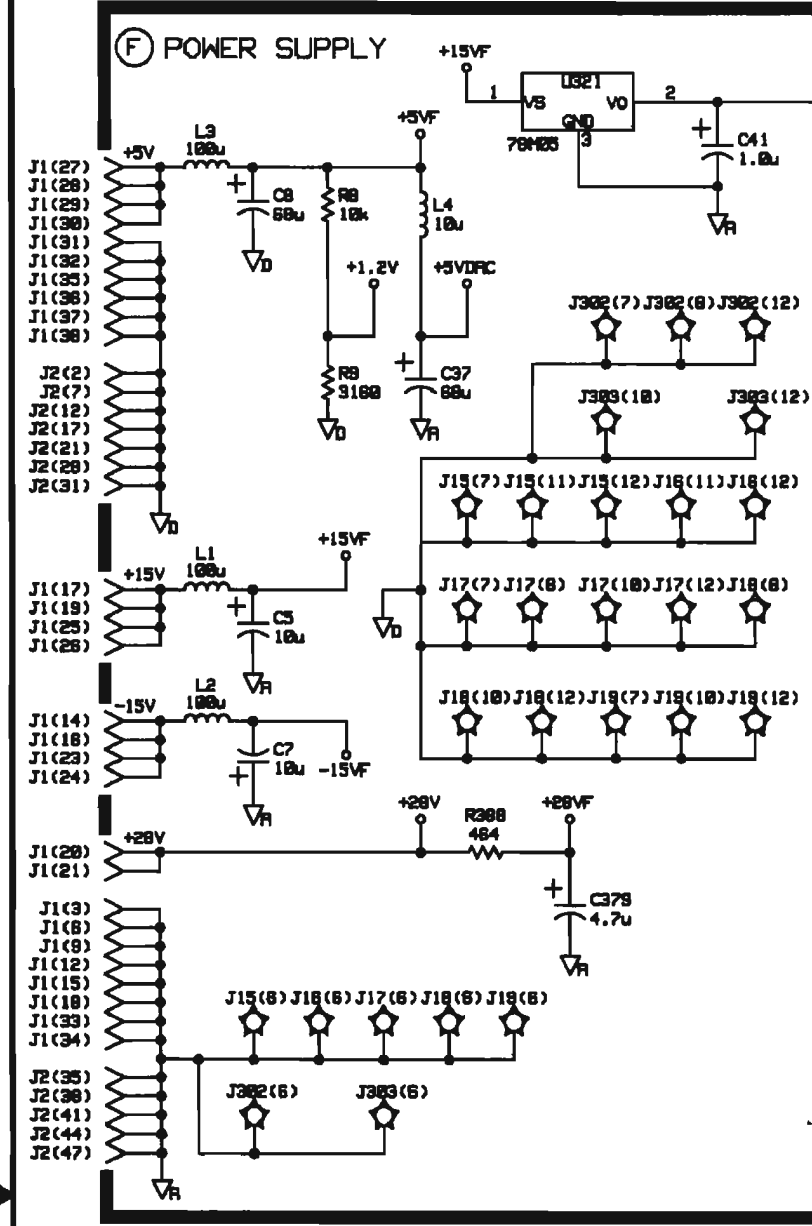
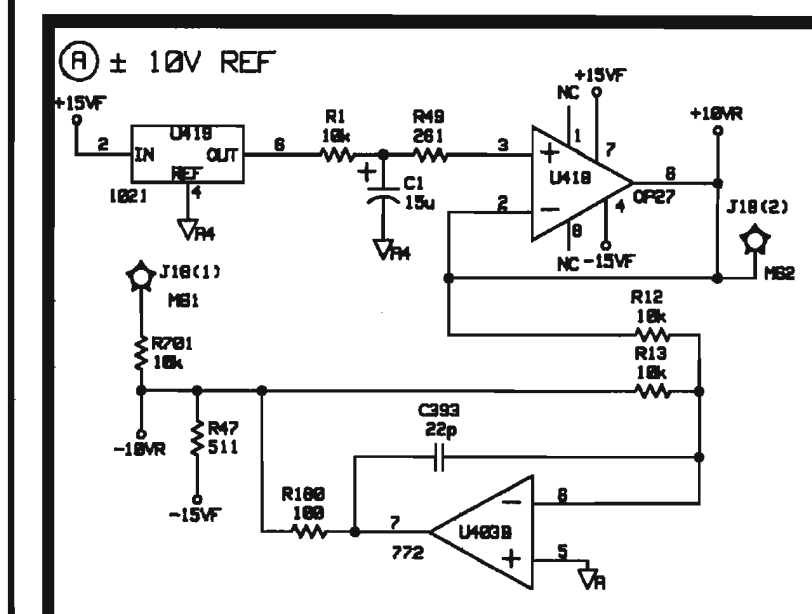
J3 EYO	PIN	SIGNAL	TO-FROM	FUNCTION BLOCK
J3 EYO	1	21V		2 F
	2	21V		2 F
	3	21V		2 F
	4	21V		2 F
	5	21V		2 F
	6	21V		2 F
	7	21V		2 F
	8	21V		2 F
	9	21V		2 F
	10	21V		2 F
J3 EYO	11	21V		2 F
	12	21V		2 F
	13	21V		2 F
	14	21V		2 F
	15	21V		2 F
	16	21V		2 F
	17	21V		2 F
	18	21V		2 F
	19	21V		2 F
	20	21V		2 F
J3 EYO	21	21V		2 F
	22	21V		2 F
	23	21V		2 F
	24	21V		2 F
	25	21V		2 F
	26	21V		2 F
	27	21V		2 F
	28	21V		2 F
	29	21V		2 F
	30	21V		2 F
J3 EYO	31	21V		2 F
	32	21V		2 F
	33	21V		2 F
	34	21V		2 F
	35	21V		2 F
	36	21V		2 F
	37	21V		2 F
	38	21V		2 F
	39	21V		2 F
	40	21V		2 F
J3 EYO	41	21V		2 F
	42	21V		2 F
	43	21V		2 F
	44	21V		2 F
	45	21V		2 F
	46	21V		2 F
	47	21V		2 F
	48	21V		2 F
	49	21V		2 F
	50	21V		2 F

J6 ATTENUATOR	PIN	SIGNAL	TO-FROM	FUNCTION BLOCK
J6 ATTENUATOR	1	21V		2 F
	2	21V		2 F
	3	21V		2 F
	4	21V		2 F
	5	21V		2 F
	6	21V		2 F
	7	21V		2 F
	8	21V		2 F
	9	21V		2 F
	10	21V		2 F
J6 ATTENUATOR	11	21V		2 F
	12	21V		2 F
	13	21V		2 F
	14	21V		2 F
	15	21V		2 F
	16	21V		2 F
	17	21V		2 F
	18	21V		2 F
	19	21V		2 F
	20	21V		2 F
J6 ATTENUATOR	21	21V		2 F
	22	21V		2 F
	23	21V		2 F
	24	21V		2 F
	25	21V		2 F
	26	21V		2 F
	27	21V		2 F
	28	21V		2 F
	29	21V		2 F
	30	21V		2 F
J6 ATTENUATOR	31	21V		2 F
	32	21V		2 F
	33	21V		2 F
	34	21V		2 F
	35	21V		2 F
	36	21V		2 F
	37	21V		2 F
	38	21V		2 F
	39	21V		2 F
	40	21V		2 F
J6 ATTENUATOR	41	21V		2 F
	42	21V		2 F
	43	21V		2 F
	44	21V		2 F
	45	21V		2 F
	46	21V		2 F
	47	21V		2 F
	48	21V		2 F
	49	21V		2 F
	50	21V		2 F

J8 BAND SWITCH	PIN	SIGNAL	TO-FROM	FUNCTION BLOCK
J8 BAND SWITCH	1	21V		2 F
	2	21V		2 F
	3	21V		2 F
	4	21V		2 F
	5	21V		2 F
	6	21V		2 F
	7	21V		2 F
	8	21V		2 F
	9	21V		2 F
	10	21V		2 F
J8 BAND SWITCH	11	21V		2 F
	12	21V		2 F
	13	21V		2 F
	14	21V		2 F
	15	21V		2 F
	16	21V		2 F
	17	21V		2 F
	18	21V		2 F
	19	21V		2 F
	20	21V		2 F
J8 BAND SWITCH	21	21V		2 F
	22	21V		2 F
	23	21V		2 F
	24	21V		2 F
	25	21V		2 F
	26	21V		2 F
	27	21V		2 F
	28	21V		2 F
	29	21V		2 F
	30	21V		2 F
J8 BAND SWITCH	31	21V		2 F
	32	21V		2 F
	33	21V		2 F
	34	21V		2 F
	35	21V		2 F
	36	21V		2 F
	37	21V		2 F
	38	21V		2 F
	39	21V		2 F
	40	21V		2 F
J8 BAND SWITCH	41	21V		2 F
	42	21V		2 F
	43	21V		2 F
	44	21V		2 F
	45	21V		2 F
	46	21V		2 F
	47	21V		2 F
	48	21V		2 F
	49	21V		2 F
	50	21V		2 F

J9 YTF	PIN	SIGNAL	TO-FROM	FUNCTION BLOCK
J9 YTF	1	21V		2 F
	2	21V		2 F
	3	21V		2 F
	4	21V		2 F
	5	21V		2 F
	6	21V		2 F
	7	21V		2 F
	8	21V		2 F
	9	21V		2 F
	10	21V		2 F
J9 YTF	11	21V		2 F
	12	21V		2 F
	13	21V		2 F
	14	21V		2 F
	15	21V		2 F
	16	21V		2 F
	17	21V		2 F
	18	21V		2 F
	19	21V		2 F
	20	21V		2 F
J9 YTF	21	21V		2 F
	22	21V		2 F
	23	21V		2 F
	24	21V		2 F
	25	21V		2 F
	26	21V		2 F
	27	21V		2 F
	28	21V		2 F
	29	21V		2 F
	30	21V		2 F
J9 YTF	31	21V		2 F
	32	21V		2 F
	33	21V		2 F
	34	21V		2 F
	35	21V		2 F
	36	21V		2 F
	37	21V		2 F
	38	21V		2 F
	39	21V		2 F
	40	21V		2 F
J9 YTF	41	21V		2 F
	42	21V		2 F
	43	21V		2 F
	44	21V		2 F
	45	21V		2 F
	46	21V		2 F
	47	21V		2 F
	48	21V		2 F
	49	21V		2 F
	50	21V		2 F

J10 LODA				
PIN	SIGNAL		TO/FROM	FUNCTION BLOCK
1	+5V F2			3 Z
2	LOSSENSE			3 Z
3	OPTERRIRS			3 Z
4	KEY			3 Z
5	LODA COMMON			3 Z
6	PIN ATTEN			3 Z
7	+5V F2			3 Z
8	+5V F2			3 Z

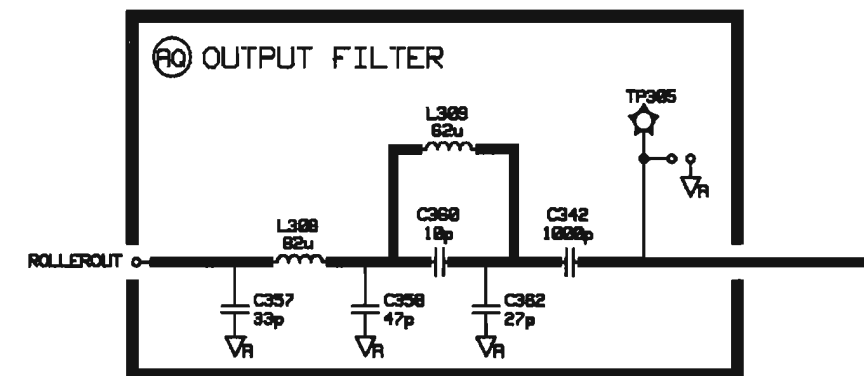
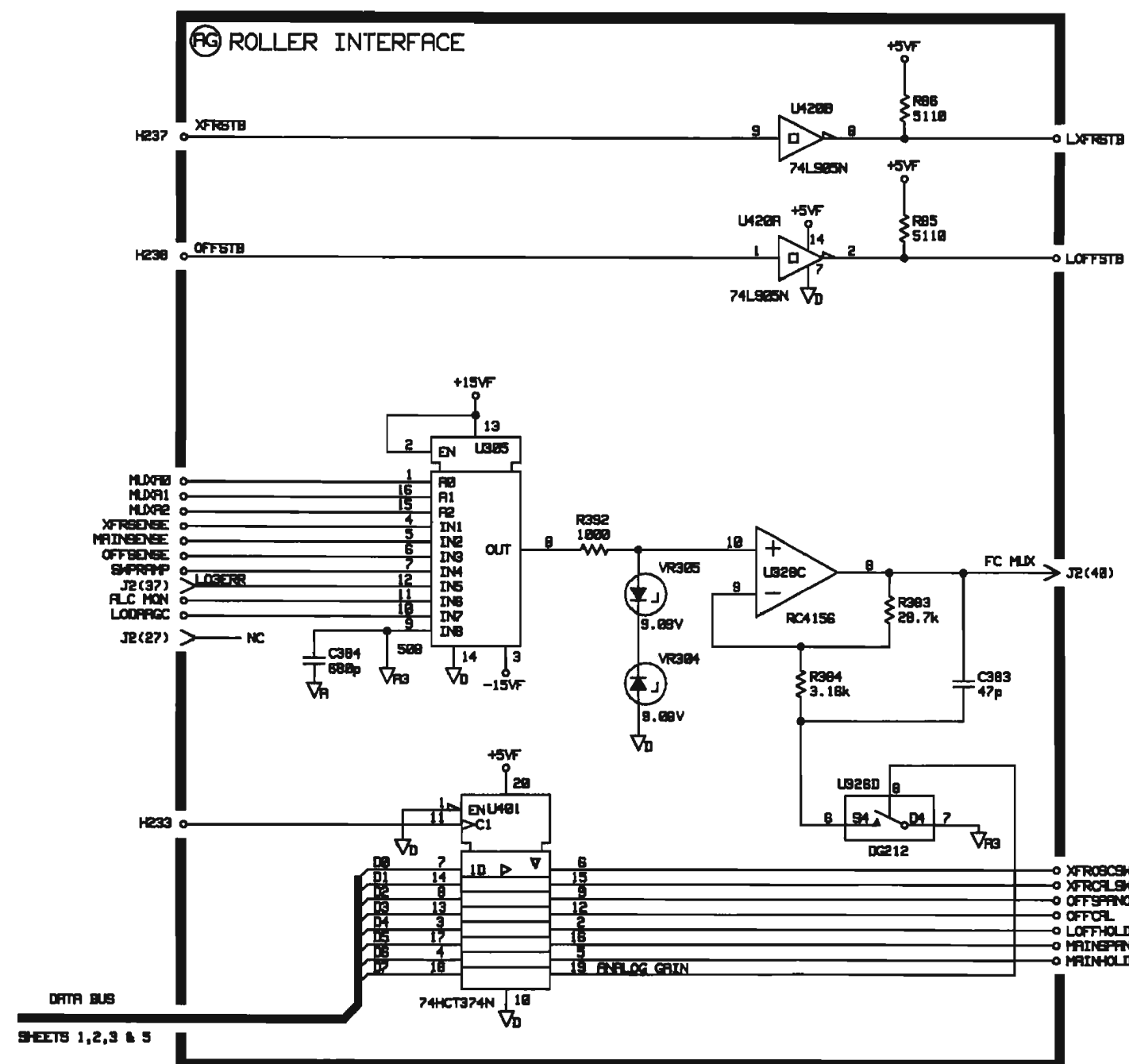



0 -08563-60028-1			
SYS	REVISIONS	APPROVED	DATE
A	AS ISSUED PER PCO 53-07449	DC	
B	PER PCO 53-07344	DC	

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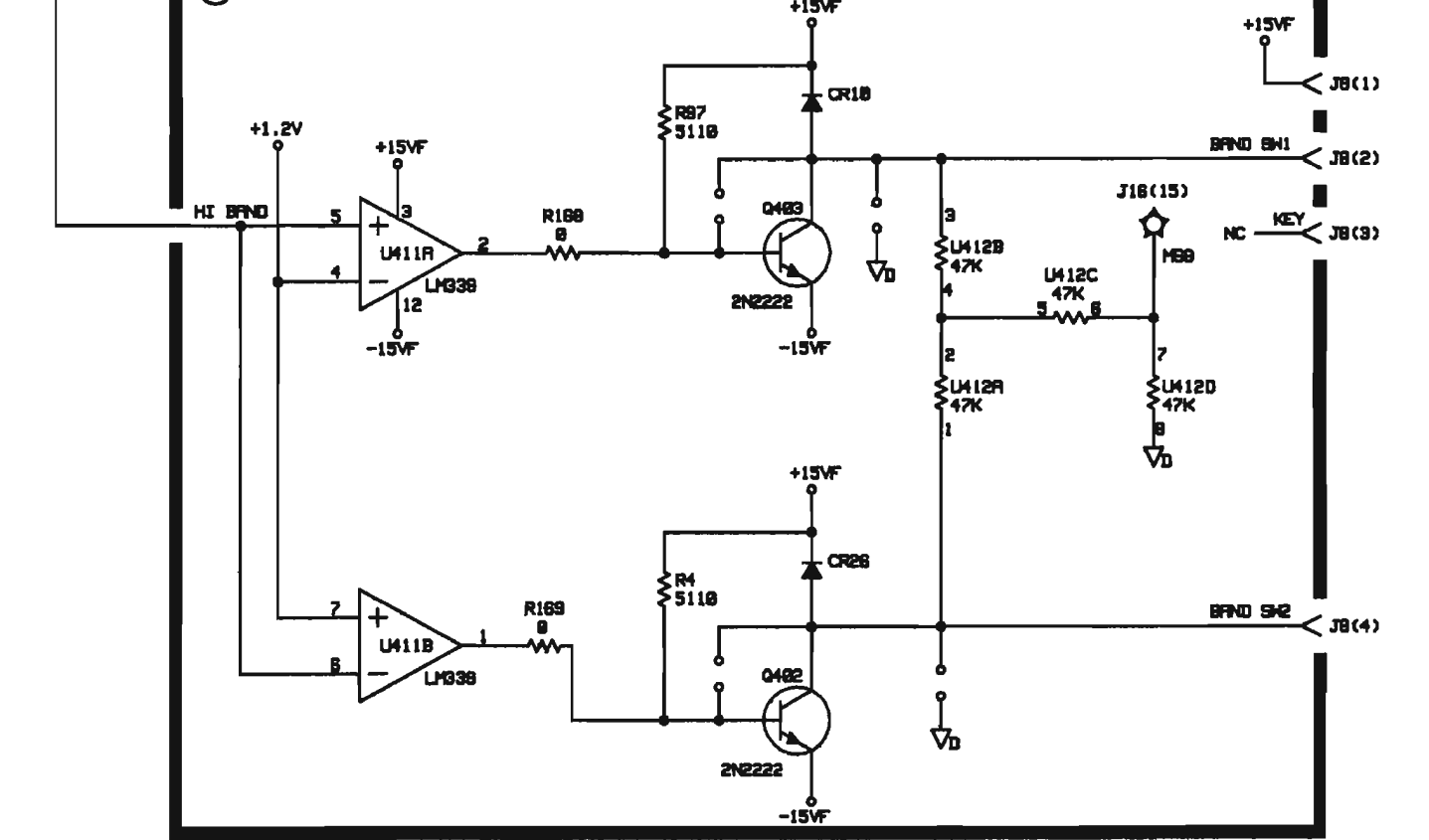
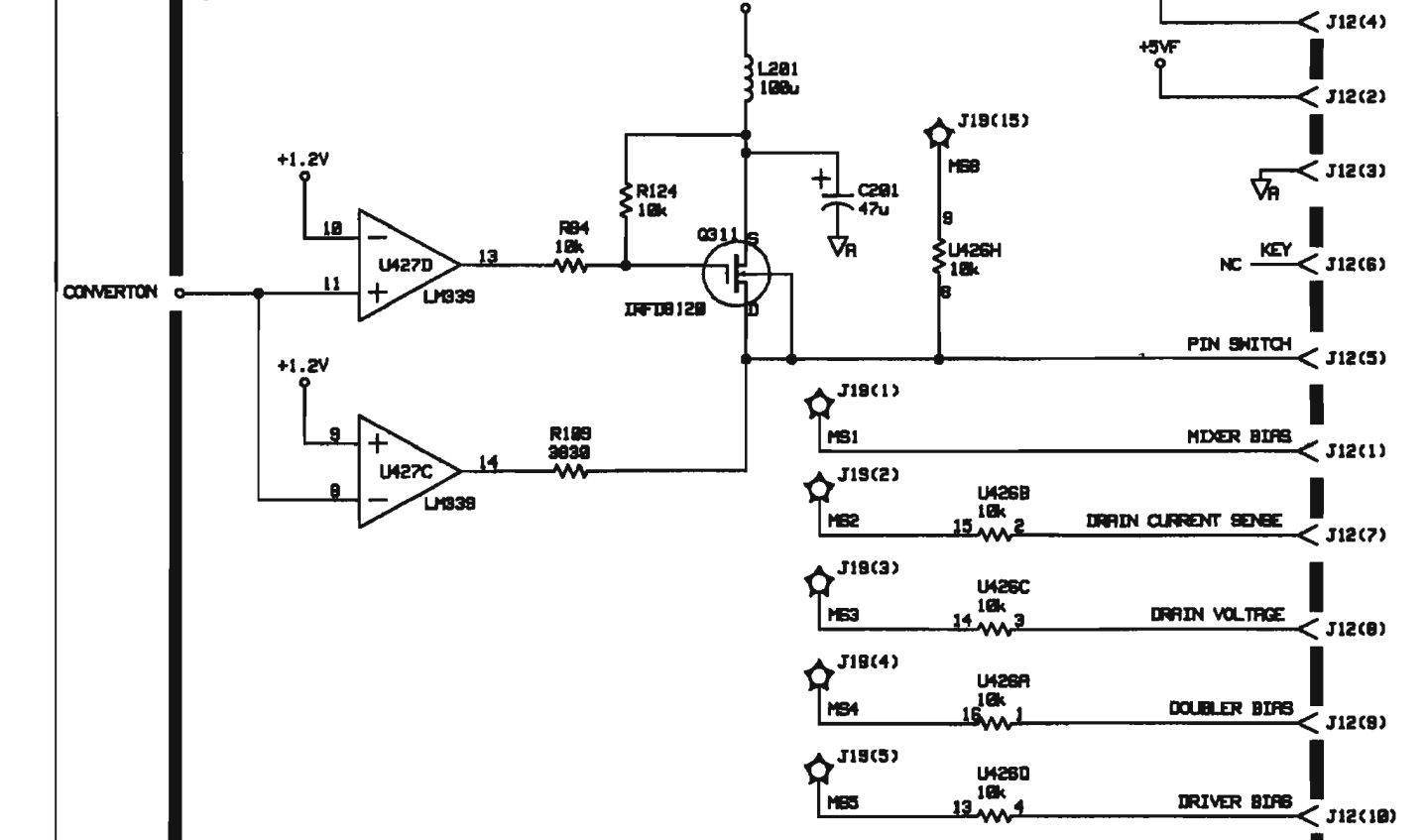
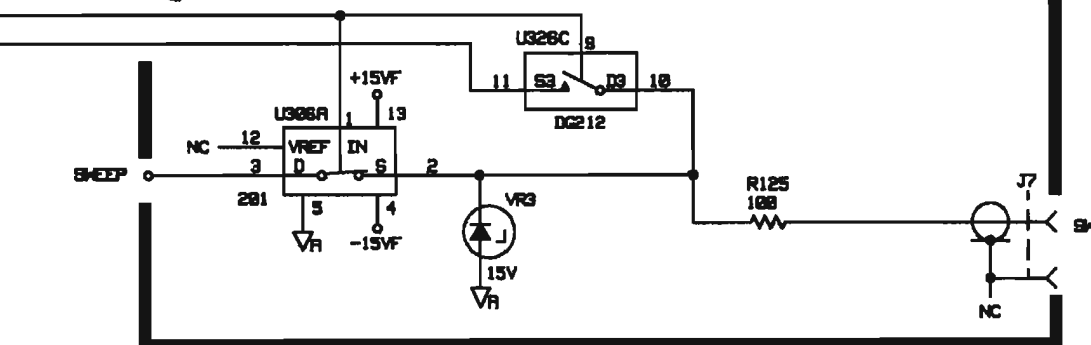
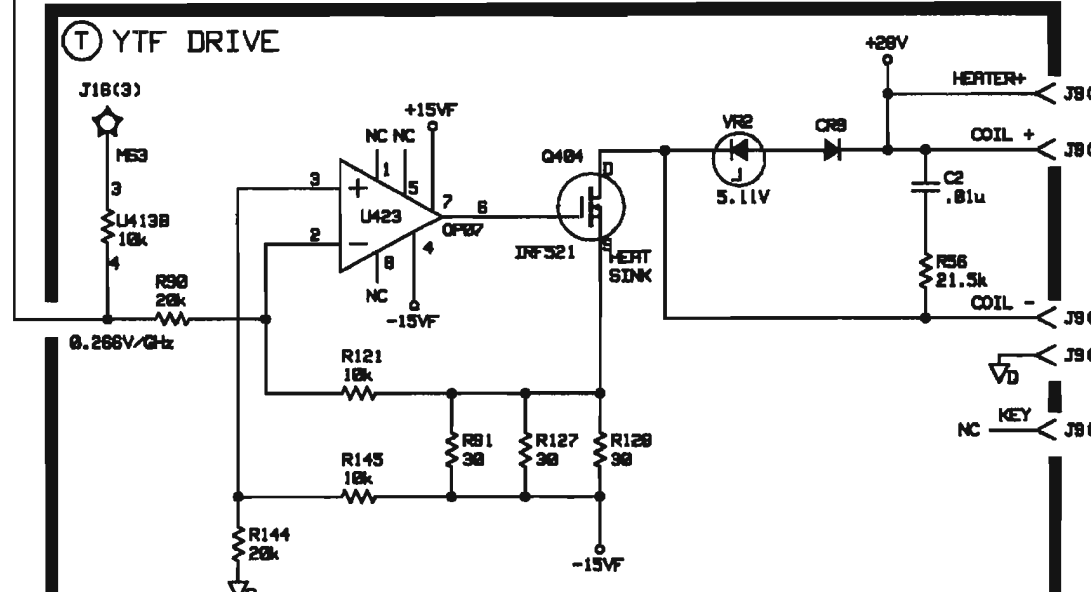
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[illegible]


[illegible]

ITEM	QTY.	PART/MATERIAL DESCRIPTION			MAT'L-PART NO.		MAT'L-ENG. NO.		MAT'L-SPEC.
DRAWN BY		DATE		BOARD ASSEMBLY-FREQUENCY CONTROL TITLE (SCHEMATIC)				 HEMLETT PACKARD	
ENGINEER/CHECKER								PART NUMBER 08563-60028	
RELEASE TO PROD.									
SUPERSEDES Dwg.				SCALE NONE <div style="border: 1px solid black; padding: 2px; display: inline-block;"> FILED BY: 085630 SHEET 4 of 5 </div>		<div style="font-size: 2em; font-weight: bold; display: inline-block;">D</div> -08563-60028-1			

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ITEM	QTY.	PART/MATERIAL-DESCRIPTION	MAT'L-PART NO.	MAT'L-ENG. NO.	MAT'L-SPEC.		
DRAWN BY		DATE	BOARD ASSEMBLY- FREQUENCY CONTROL (SCHEMATIC)		 HEWLETT PACKARD		
ENGINEER-CHECKER							
RELEASE TO PROD.							
		TITLE	PART NUMBER		08563-60028		
SUPERSEDES ENG.		SCALE NONE	FILED-IN-ENGINEERING SHEET	3 OF 5		D-08563-60028-1	

Component-Level Information Packet for 08563-60029

Frequency Control



**HEWLETT
PACKARD**

**HP Part No. 08563-90053
Printed in USA June 1992**

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HP Part Number 08563-60029
Frequency Control

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
	08563-60029	1	1	BOARD AY FC	28480	08563-60029
A101	5062-7717	7	1		28480	5062-7717
A102	5062-8280	1	1		28480	5062-8280
A103	5062-7716	6	1		28480	5062-7716
C1	0180-3846	0	1	CAP-FXD 15uF +-10% 25 V TA	04200	299D156X9025DB1
C2	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C3	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C4	0180-3831	3	1	CAP-FXD 10uF +-10% 35 V TA	04200	299D106X9035DB1
C5	0180-3831	3	1	CAP-FXD 10uF +-10% 35 V TA	04200	299D106X9035DB1
C6	0160-4805	1	1	CAP-FXD 47pF +-5% 100 V CER C0G	09939	RPA10C0G470J100V
C7	0180-3831	3	1	CAP-FXD 10uF +-10% 35 V TA	04200	299D106X9035DB1
C8	0180-3850	6	1	CAP-FXD 68uF +-10% 10 V TA	04200	299D686X9010DB1
C9	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C10	0160-4554	7	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	09939	RPA10X7R103M50V
C11	0160-4554	7	1	CAP-FXD 0.01uF +-20% 50 V CER X7R	09939	RPA10X7R103M50V
C12	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C13	0160-4832	4	1	CAP-FXD 0.01uF +-10% 100 V CER X7R	09939	RPA10X7R103K100V
C14	0160-3402	2	1	CAP-FXD 1uF +-5% 50 V POLYC-MET	13171	
C15	0160-5201	3	1	CAP-FXD 0.01uF +-1% 200 V POLYC-MET	13171	
C16	0160-6326	5	1	CAP-FXD 1060pF +-1% 50 V POLYC-MET	13171	
C17	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C18	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C20	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C21	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C22	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C23	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C25	0160-4822	2	1	CAP-FXD 1000pF +-5% 100 V CER C0G	09939	RPA20C0G102J100V
C27	0160-4835	7	1	CAP-FXD 0.1uF +-10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C28	0160-4831	3	1	CAP-FXD 4700pF +-10% 100 V CER X7R	09939	RPA10X7R472K100V
C31	0160-0298	8	1	CAP-FXD 1500pF +-10% 200 V POLYE-FL	02367	WMC2D15
C32	0160-5422	0	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	09939	RPA20X7R473M50V
C33	0160-5422	0	1	CAP-FXD 0.047uF +-20% 50 V CER X7R	09939	RPA20X7R473M50V
C36	0180-0058	0	1	CAP-FXD 47uF +-20% 25 V AL-ELCTLT	28480	0180-0058
C37	0180-3850	6	1	CAP-FXD 68uF +-10% 10 V TA	04200	299D686X9010DB1
C38	0160-4808	4	1	CAP-FXD 470pF +-5% 100 V CER C0G	09939	RPA10C0G471J100V

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Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
C39	0160-4808	4	1	CAP-FXD 470pF +5% 100 V CER C0G	09939	RPA10C0G471J100V
C40	0160-4554	7	1	CAP-FXD 0.01uF +20% 50 V CER X7R	09939	RPA10X7R103M50V
C41	0180-3771	0	1	CAP-FXD 1uF +10% 35 V TA	04200	299D105X9035AB1
C42	0180-3831	3	1	CAP-FXD 10uF +10% 35 V TA	04200	299D106X9035DB1
C43	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C44	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C45	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C46	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C47	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C48	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C49	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C50	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C51	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C53	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C55	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C56	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C57	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C58	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C59	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C62	0160-4801	7	1	CAP-FXD 100pF +5% 100 V CER C0G	09939	RPA10C0G101J100V
C63	0160-4801	7	1	CAP-FXD 100pF +5% 100 V CER C0G	09939	RPA10C0G101J100V
C64	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C66	0160-4791	4	1	CAP-FXD 10pF +5% 100 V CER C0G	09939	RPA10C0G100D100
C201	0180-0500	7	1	CAP-FXD 47uF +20% 20 V TA	04200	199D1114
C302	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C303	0160-4830	2	1	CAP-FXD 2200pF +10% 100 V CER X7R	09939	RPA10X7R222K100V
C304	0160-4833	5	1	CAP-FXD 0.022uF +10% 100 V CER X7R	09939	RPA20X7R223K100V
C305	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C306	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C307	0160-4833	5	1	CAP-FXD 0.022uF +10% 100 V CER X7R	09939	RPA20X7R223K100V
C308	0160-4830	2	1	CAP-FXD 2200pF +10% 100 V CER X7R	09939	RPA10X7R222K100V
C309	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C310	0160-4233	9	1	CAP-FXD 0.47uF +5% 50 V POLYC-MET	13171	
C312	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C313	0160-4801	7	1	CAP-FXD 100pF +5% 100 V CER C0G	09939	RPA10C0G101J100V

**Indicates factory-selected value*

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HP Part Number 08563-60029
Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
C315	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C316	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C317	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C318	0160-4814	2	1	CAP-FXD 150pF +5% 100 V CER C0G	09939	RPA10C0G151J100V
C320	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C321	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C322	0160-4040	6	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C323	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C324	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C325	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C326	0160-4801	7	1	CAP-FXD 100pF +5% 100 V CER C0G	09939	RPA10C0G101J100V
C327	0160-4846	0	1	CAP-FXD 1500pF +5% 100 V CER C0G	09939	RPA20COG152J100VPT
C328	0160-4814	2	1	CAP-FXD 150pF +5% 100 V CER C0G	09939	RPA10C0G151J100V
C329	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C330	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C331	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C332	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C333	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C334	0160-4814	2	1	CAP-FXD 150pF +5% 100 V CER C0G	09939	RPA10C0G151J100V
C335	0180-4003	3	1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C336	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C337	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C338	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C339	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C340	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C341	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C342	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C343	0160-4835	7	1	CAP-FXD 0.1uF +10% 50 V CER X7R	09939	RPA20X7R104K50VPT
C344	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C345	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C346	0160-4822	2	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPA20C0G102J100V
C347	0160-4830	2	1	CAP-FXD 2200pF +10% 100 V CER X7R	09939	RPA10X7R222K100V
C348	0160-4832	4	1	CAP-FXD 0.01uF +10% 100 V CER X7R	09939	RPA10X7R103K100V
C349	0160-4804	0	1	CAP-FXD 56pF +5% 100 V CER C0G	09939	RPA10COG560J100
C350	0160-4804	0	1	CAP-FXD 56pF +5% 100 V CER C0G	09939	RPA10COG560J100

**HP Part Number 08563-60029
Frequency Control (continued)**

Reference Designator	HP Part Number	C	D	Qty	Description	Mfr Code	Mfr Part Number
C351	0160-4814	2		1	CAP-FXD 150pF +5% 100 V CER C0G	09939	RPA10C0G151J100V
C352	0160-4814	2		1	CAP-FXD 150pF +5% 100 V CER C0G	09939	RPA10C0G151J100V
C353	0160-3879	7		1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C354	0160-3879	7		1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C355	0160-3661	5		1	CAP-FXD 0.1uF +5% 50 V POLYC-MET	13171	
C356	0160-4574	1		1	CAP-FXD 1000pF +10% 100 V CER X7R	09939	RPA10X7R102K100V
C357	0160-4807	3		1	CAP-FXD 33pF +5% 100 V CER C0G	09939	RPA10COG330J100
C358	0160-4805	1		1	CAP-FXD 47pF +5% 100 V CER C0G	09939	RPA10C0G470J100V
C359	0180-4003	3		1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C360	0160-4791	4		1	CAP-FXD 10pF +5% 100 V CER C0G	09939	RPA10C0G100D100
C361	0180-4003	3		1	CAP-FXD 10uF +10% 25 V TA	28480	0180-4003
C362	0160-4786	7		1	CAP-FXD 27pF +5% 100 V CER C0G	09939	RPA10COG270J100
C363	0160-4233	9		1	CAP-FXD 0.47uF +5% 50 V POLYC-MET	13171	
C364	0180-3771	0		1	CAP-FXD 1uF +10% 35 V TA	04200	299D105X9035AB1
C365	0160-3878	6		1	CAP-FXD 1000pF +20% 100 V CER X7R	09939	RPE121-105X7R102M100V
C369	0160-4830	2		1	CAP-FXD 2200pF +10% 100 V CER X7R	09939	RPA10X7R222K100V
C379	0180-3845	9		1	CAP-FXD 4.7uF +10% 35 V TA	04200	299D475X9035CB1
C380	0160-4574	1		1	CAP-FXD 1000pF +10% 100 V CER X7R	09939	RPA10X7R102K100V
C383	0160-4805	1		1	CAP-FXD 47pF +5% 100 V CER C0G	09939	RPA10C0G470J100V
C384	0160-4371	6		1	CAP-FXD 680pF +5% 100 V CER C0G	09939	RPE121-105C0G681J100V
C385	0160-4812	0		1	CAP-FXD 220pF +5% 100 V CER C0G	09939	RPA10C0G221J100V
C387	0160-4441	1		1	CAP-FXD 0.47uF +10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C388	0160-4441	1		1	CAP-FXD 0.47uF +10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C389	0160-4441	1		1	CAP-FXD 0.47uF +10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C390	0160-4441	1		1	CAP-FXD 0.47uF +10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C391	0160-4441	1		1	CAP-FXD 0.47uF +10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C392	0160-4441	1		1	CAP-FXD 0.47uF +10% 50 V CER X7R	09939	RPE113-130X7R474K50V
C393	0160-3875	3		1	CAP-FXD 22pF +5% 200 V CER C0G	09939	RPE121-105C0G220J200V
C394	0160-4805	1		1	CAP-FXD 47pF +5% 100 V CER C0G	09939	RPA10C0G470J100V
C535	0160-3879	7		1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C536	0160-3879	7		1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C537	0160-3879	7		1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C539	0160-4387	4		1	CAP-FXD 47pF +5% 200 V CER C0G	09939	RPE121-105COG470J200V
C540	0160-3879	7		1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C541	0160-3879	7		1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V

**Indicates factory-selected value*

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HP Part Number 08563-60029
Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
C542	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C543	0160-0570	9	1	CAP-FXD 220pF +20% 100 V CER X7R	09939	RPE121-105X7R221M100V
C544	0160-0570	9	1	CAP-FXD 220pF +20% 100 V CER X7R	09939	RPE121-105X7R221M100V
C545	0160-6016	0	1	CAP-FXD 0.047uF +10% 100 V CER X7R	09939	RPE122X7R473K100V
C546	0160-6016	0	1	CAP-FXD 0.047uF +10% 100 V CER X7R	09939	RPE122X7R473K100V
C547	0160-4031	5	1	CAP-FXD 330pF +5% 100 V CER C0G	09939	RPE121-105C0G331J100V
C548	0160-5405	9	1	CAP-FXD 130pF +5% 100 V CER C0G	09939	RPA10C0G131J100V
C549	0160-4615	1	1	CAP-FXD 1200pF +5% 100 V CER C0G	09939	RPE121-105C0G122J100V
C550	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C551	0160-4040	6	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C552	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C554	0160-4497	7	1	CAP-FXD 82pF +5% 200 V CER C0G	09939	RPE121-105C0G820J200V
C556	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C557	0160-4040	6	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C558	0160-3879	7	1	CAP-FXD 0.01uF +20% 100 V CER X7R	09939	RPE121-105X7R103M100V
C560	0160-3875	3	1	CAP-FXD 22pF +5% 200 V CER C0G	09939	RPE121-105C0G220J200V
C561	0160-6723	6	1	CAP-FXD 75pF +5% 200 V CER C0G	09939	RPE121-105C0G750J200V
C562	0160-4521	8	1	CAP-FXD 12pF +5% 200 V CER C0G	09939	RPE121-105C0G120J200V
C563	0160-4497	7	1	CAP-FXD 82pF +5% 200 V CER C0G	09939	RPE121-105C0G820J200V
C564	0160-4524	1	1	CAP-FXD 24pF +5% 200 V CER C0G	09939	RPE121-105C0G240J200V
C580	0160-4040	6	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C581	0160-4040	6	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C582	0160-4040	6	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C589	0160-3874	2	1	CAP-FXD 10pF +5% 200 V CER C0G	09939	RPE121-105C0G100D200V
C590	0160-4040	6	1	CAP-FXD 1000pF +5% 100 V CER C0G	09939	RPE121-105C0G102J100V
C591	0160-4031	5	1	CAP-FXD 330pF +5% 100 V CER C0G	09939	RPE121-105C0G331J100V
C592	0160-4497	7	1	CAP-FXD 82pF +5% 200 V CER C0G	09939	RPE121-105C0G820J200V
C601	0180-3831	3	1	CAP-FXD 10uF +10% 35 V TA	04200	299D106X9035DB1
C602	0160-4084	8	1	CAP-FXD 0.1uF +20% 50 V CER X7R	09939	RPE122-139X7R104M50V
C603	0160-4819	7	1	CAP-FXD 2200pF +5% 100 V CER C0G	09939	RPA30C0G222J100VPT
C604	0160-4389	6	1	CAP-FXD 100pF +5% 200 V CER C0G	09939	RPE121-105C0G101J200V
C606	0160-4387	4	1	CAP-FXD 47pF +5% 200 V CER C0G	09939	RPE121-105C0G470J200V
CR1	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03
CR2	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03
CR3	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03

HP Part Number 08563-60029
Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
CR4	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03
CR5	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR6	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03
CR7	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR9	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR11	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR12	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR13	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR14	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR15	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR16	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR17	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR18	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR19	1901-0518	8	1	DIODE-SCHOTTKY SM SIG	02062	5082-5509
CR21	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR22	1901-0518	8	1	DIODE-SCHOTTKY SM SIG	02062	5082-5509
CR23	1901-0539	3	1	DIODE-SCHOTTKY SM SIG	02062	50825510
CR24	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR25	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR27	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
CR302	1901-1097	0	1	DIODE-PIN	02062	5082-5580
CR303	1901-1097	0	1	DIODE-PIN	02062	5082-5580
CR304	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03
CR305	1901-0880	7	1	DIODE-GEN PRP 200MA DO-35	03406	FDH5323.03
CR601	1901-1098	1	1	DIODE-SWITCHING 1N4150 50V 200MA 4NS	04486	
E503	9170-1366	3	1	CORE-SHIELDING BEAD	03827	2743001112
E504	9170-1366	3	1	CORE-SHIELDING BEAD	03827	2743001112
E505	9170-1366	3	1	CORE-SHIELDING BEAD	03827	2743001112
E506	9170-0029	3	1	CORE-SHIELDING BEAD	04822	57-3452
E507	9170-1366	3	1	CORE-SHIELDING BEAD	03827	2743001112
E508	9170-1366	3	1	CORE-SHIELDING BEAD	03827	2743001112
J1	1252-1064	4	1	CONN-POST TYPE .100-PIN-SPCG 50-CONT	01380	1-746878-0
J2	1252-1064	4	1	CONN-POST TYPE .100-PIN-SPCG 50-CONT	01380	1-746878-0
J3	1252-2007	7	1	CONN-POST TYPE .100-PIN-SPCG 9-CONT	02946	68451-125
J6	1252-2221	7	1	CONN-POST TYPE .100-PIN-SPCG 10-CONT	02946	69155-110

**Indicates factory-selected value*

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HP Part Number 08563-60029
Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
J7	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	07247	59S213-40TD3
J10	1252-2041	9	1	CONN-POST TYPE .100-PIN-SPCG 7-CONT	01380	644219-1
J11	1252-0523	8	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	01380	641216-3
J12	1252-2008	8	1	CONN-POST TYPE .100-PIN-SPCG 9-CONT	02946	68451-124
J13	1252-2028	2	1	CONN-POST TYPE .100-PIN-SPCG 10-CONT	04726	2510-5022UB
J14	1251-5033	3	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	02946	68001-603
J15	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J16	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J17	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J18	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J19	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J23	1251-5033	3	1	CONN-POST TYPE .100-PIN-SPCG 3-CONT	02946	68001-603
J301	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	07247	59S213-40TD3
J302	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J303	1252-1200	0	1	CONN-POST TYPE .100-PIN-SPCG 15-CONT	02946	68449-079
J304	1250-0257	1	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	28480	1250-0257
J501	1250-0543	8	1	CONNECTOR-RF SMB PLUG PC-W-STDFS 50-OHM	07247	59S213-40TD3
L1	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
L2	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
L3	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
L4	9100-0539	3	1	INDUCTOR RF-CH-MLD 10UH +5%	03706	21001M-5%
L5	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +5%	05826	1537-76
L6	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +5%	05826	1537-76
L7	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +5%	05826	1537-76
L8	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +5%	05826	1537-76
L201	9140-0210	1	1	INDUCTOR RF-CH-MLD 100UH +5%	05826	1537-76
L301	9140-0158	6	1	INDUCTOR RF-CH-MLD 1UH +10%	03706	1A1002M +10%
L302	9100-2256	5	1	INDUCTOR RF-CH-MLD 560NH +10%	03706	1A5603M +10%
L303	9140-0400	1	1	INDUCTOR RF-CH-MLD 8.2UH +5%	03706	28202M-5%
L304	9100-2261	2	1	INDUCTOR RF-CH-MLD 2.7UH +10%	05826	1025-30
L305	9140-0400	1	1	INDUCTOR RF-CH-MLD 8.2UH +5%	03706	28202M-5%
L306	9100-2261	2	1	INDUCTOR RF-CH-MLD 2.7UH +10%	05826	1025-30
L307	9100-2891	4	1	INDUCTOR RF-CH-MLD 50NH +10%	03706	6-02729
L308	9135-0078	8	1	INDUCTOR RF-CH-MLD 82NH +5.61%	02172	
L309	9135-0071	1	1	INDUCTOR RF-CH-MLD 62NH +5.806%	02172	

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Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
L310	9140-0158	6	1	INDUCTOR RF-CH-MLD 1UH +-10%	03706	1A1002M +-10%
L311	9140-0158	6	1	INDUCTOR RF-CH-MLD 1UH +-10%	03706	1A1002M +-10%
L313	9100-2256	5	1	INDUCTOR RF-CH-MLD 560NH +-10%	03706	1A5603M+-10%
L314	9100-2247	4	1	INDUCTOR RF-CH-MLD 100NH +-10%	03706	1A1003M+-10%
L315	9100-2247	4	1	INDUCTOR RF-CH-MLD 100NH +-10%	03706	1A1003M+-10%
L316	9100-2261	2	1	INDUCTOR RF-CH-MLD 2.7UH +-10%	05826	1025-30
L321	9100-2256	5	1	INDUCTOR RF-CH-MLD 560NH +-10%	03706	1A5603M+-10%
L322	9100-2256	5	1	INDUCTOR RF-CH-MLD 560NH +-10%	03706	1A5603M+-10%
L323	9100-2252	1	1	INDUCTOR RF-CH-MLD 270NH +-10%	03706	1A2703M+-10%
L512	9100-1788	6	1	CORE-FERRITE CHOKE-WIDEBAND;IMP:>680	11212	LB2/2.5ZB
L541	9140-0565	9	1	INDUCTOR RF-CH-MLD 43UH +-5%	03706	6-02782
L560	9100-3314	8	1	INDUCTOR RF-CH-MLD 150NH +-5%	03706	21503M-5%
L561	9100-2891	4	1	INDUCTOR RF-CH-MLD 50NH +-10%	03706	6-02729
L562	9140-0450	1	1	INDUCTOR RF-CH-MLD 270NH +-5%	03706	22703M-5%
L563	9100-2891	4	1	INDUCTOR RF-CH-MLD 50NH +-10%	03706	6-02729
L564	9100-3314	8	1	INDUCTOR RF-CH-MLD 150NH +-5%	03706	21503M-5%
L601	9140-0738	8	1	INDUCTOR 100UH .6W-INX.7LG-IN	01869	52405
MP2	1205-0719	5	2	HEAT SINK SGL SPCL-HOLE-PATT	05792	7-374S4-1-M01-BA
MP4	1205-0011	0	2	HEAT SINK TO-5/TO-39-CS	05792	TXBF-032-025B
MP5	1200-0173	5	3	INSULATOR-XSTR DAP-GL	02210	A-10001 DAP
MP7	3030-0133	8	3	SCREW-SKT HD CAP 6-32 .25-IN-LG SST	04418	
MP8	1200-0172	4	1	INSULATOR-XSTR DAP-GL	02210	10042-DAP
MP10	0340-1173	2	1	INSULATOR 0.015 IN THK G-10 MATERIAL	02739	B14-047-02
MP11	1258-0141	8	2	JUMPER-REMOVABLE FOR 0.025 IN SQ PINS	02946	65474-004
MP19	1251-7994	9	1	CONN-POST TYPE .100-PIN-SPCG 10-CONT	01380	499568-1
Q101	1855-0555	4	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	02883	VN0300L
Q102	1855-0241	5	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-72 SI	02883	SD215DE
Q103	1855-0555	4	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	02883	VN0300L
Q104	1855-0241	5	1	TRANSISTOR MOSFET N-CHAN E-MODE TO-72 SI	02883	SD215DE
Q105	1855-0555	4	1	TRANSISTOR MOSFET N-CHAN E-MODE SI	02883	VN0300L
Q106	1855-0280	2	1	TRANSISTOR J-FET N-CHAN D-MODE TO-92 SI	02883	E107
Q301	1855-0509	8	1	TRANSISTOR MOSFET P-CHAN E-MODE TO-220	03038	IRF9520
Q302	1855-0509	8	1	TRANSISTOR MOSFET P-CHAN E-MODE TO-220	03038	IRF9520
Q303	1855-0421	3	1	TRANSISTOR J-FET 2N5114 P-CHAN D-MODE	02883	2N5114
Q304	1855-0421	3	1	TRANSISTOR J-FET 2N5114 P-CHAN D-MODE	02883	2N5114

**Indicates factory-selected value*

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HP Part Number 08563-60029
Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
Q305	1855-0414	4	1	TRANSISTOR J-FET 2N4393 N-CHAN D-MODE	02883	2N4393
Q306	1854-0637	1	1	TRANSISTOR NPN 2N2219A SI TO-5 PD=800MW	02037	2N2219A
Q307	1853-0314	9	1	TRANSISTOR PNP 2N2905A SI TO-39 PD=400MW	02037	2N2905A
Q308	1854-0477	7	1	TRANSISTOR NPN 2N2222A SI TO-18 PD=500MW	02037	2N2222A
Q310	1853-0281	9	1	TRANSISTOR PNP 2N2907A SI TO-18 PD=400MW	02037	2N2907A
Q311	1855-0522	5	1	TRANSISTOR MOSFET P-CHAN E-MODE SI	03038	IRFD9120
Q401	1853-0213	7	1	TRANSISTOR PNP 2N4236 SI TO-5 PD=1W	02037	2N4236
R1	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R2	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R3	0757-0401	0	1	RESISTOR 100 +1% .125W TF TC=0+-100	05524	CMF-55-1
R5	0699-0642	7	1	RESISTOR 10K +0.1% .1W TF TC=0+-5	05524	PTF-56-7
R6	0699-0533	5	1	RESISTOR 4.64K +0.1% .125W TF TC=0+-25	01074	H8
R7	0698-8824	1	1	RESISTOR 562K +1% .125W TF TC=0+-100	01074	H8
R8	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R9	0757-0279	0	1	RESISTOR 3.16K +1% .125W TF TC=0+-100	05524	CMF-55-1
R10	0698-3450	9	1	RESISTOR 42.2K +1% .125W TF TC=0+-100	05524	CMF-55-1
R11	0698-0084	9	1	RESISTOR 2.15K +1% .125W TF TC=0+-100	05524	CMF-55-1
R12	0699-0642	7	1	RESISTOR 10K +0.1% .1W TF TC=0+-5	05524	PTF-56-7
R13	0699-0642	7	1	RESISTOR 10K +0.1% .1W TF TC=0+-5	05524	PTF-56-7
R14	0698-3442	9	1	RESISTOR 237 +1% .125W TF TC=0+-100	05524	CMF-55-1
R15	0698-6322	0	1	RESISTOR 4K +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R16	0757-0443	0	1	RESISTOR 11K +1% .125W TF TC=0+-100	05524	CMF-55-1
R17	0757-0288	1	1	RESISTOR 9.09K +1% .125W TF TC=0+-100	05524	CMF-55-1
R18	0698-3153	9	1	RESISTOR 3.83K +1% .125W TF TC=0+-100	05524	CMF-55-1
R19	0757-0279	0	1	RESISTOR 3.16K +1% .125W TF TC=0+-100	05524	CMF-55-1
R20	0698-0083	8	1	RESISTOR 1.96K +1% .125W TF TC=0+-100	05524	CMF-55-1
R21	0698-6322	0	1	RESISTOR 4K +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R22	0698-6322	0	1	RESISTOR 4K +0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R23	0698-3450	9	1	RESISTOR 42.2K +1% .125W TF TC=0+-100	05524	CMF-55-1
R24	0698-3460	1	1	RESISTOR 422K +1% .125W TF TC=0+-100	05524	CMF-55-1
R25	0757-0200	7	1	RESISTOR 5.62K +1% .125W TF TC=0+-100	05524	CMF-55-1
R26	0757-0420	3	1	RESISTOR 750 +1% .125W TF TC=0+-100	05524	CMF-55-1
R27	0757-0440	7	1	RESISTOR 7.5K +1% .125W TF TC=0+-100	05524	CMF-55-1
R28	0757-0465	6	1	RESISTOR 100K +1% .125W TF TC=0+-100	05524	CMF-55-1
R29	0698-8824	1	1	RESISTOR 562K +1% .125W TF TC=0+-100	01074	H8

HP Part Number 08563-60029
Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R30	0757-0459	8	1	RESISTOR 56.2K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R31	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R32	0698-6619	8	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R33	0698-6619	8	1	RESISTOR 15K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R34	0698-3150	6	1	RESISTOR 2.37K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R35	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R36	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R37	0699-0642	7	1	RESISTOR 10K +-0.1% .1W TF TC=0+-5	05524	PTF-56-7
R39	0699-0642	7	1	RESISTOR 10K +-0.1% .1W TF TC=0+-5	05524	PTF-56-7
R40	0699-0118	2	1	RESISTOR 20K +-0.1% .1W TF TC=0+-5	05524	PTF-56-7
R41	0699-0118	2	1	RESISTOR 20K +-0.1% .1W TF TC=0+-5	05524	PTF-56-7
R42	2100-3863	5	1	RESISTOR-TRMR 200 10% TKF TOP-ADJ 17-TRN	03744	3299W-DM3-201
R43	0698-8821	8	1	RESISTOR 5.62 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R44	0699-0555	1	1	RESISTOR 100 +-0.1% .3W MF TC=0+-5	02928	301464
R45	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R46	0698-3155	1	1	RESISTOR 4.64K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R47	0698-7229	8	1	RESISTOR 511 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R48	0757-0394	0	1	RESISTOR 51.1 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R49	0698-7222	1	1	RESISTOR 261 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R50	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R51	0698-7283	4	1	RESISTOR 90.9K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R52	0698-3457	6	1	RESISTOR 316K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R53	0698-6320	8	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R54	0698-6320	8	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R55	0698-7255	0	1	RESISTOR 6.19K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R56	0698-7268	5	1	RESISTOR 21.5K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R57	0698-6967	9	1	RESISTOR 32.5K +-1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R58	0698-6323	1	1	RESISTOR 100 +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R59	0698-7212	9	1	RESISTOR 100 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R60	0699-0555	1	1	RESISTOR 100 +-0.1% .3W MF TC=0+-5	02928	301464
R61	0699-0555	1	1	RESISTOR 100 +-0.1% .3W MF TC=0+-5	02928	301464
R62	0698-7198	0	1	RESISTOR 26.1 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R63	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R64	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R65	0757-0280	3	1	RESISTOR 1K +-1% .125W TF TC=0+-100	05524	CMF-55-1

**Indicates factory-selected value*

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HP Part Number 08563-60029
Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
R66	0757-0401	0	1	RESISTOR 100 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R67	0757-0401	0	1	RESISTOR 100 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R68	0757-0401	0	1	RESISTOR 100 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R69	0698-3152	8	1	RESISTOR 3.48K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R70	0698-6360	6	1	RESISTOR 10K $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R71	0698-6322	0	1	RESISTOR 4K $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R72	0698-6624	5	1	RESISTOR 2K $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R73	0757-0003	8	1	RESISTOR 26.1 $\pm 1\%$.5W TF TC=0 \pm 100	05524	CMF-65-2
R74	0757-0003	8	1	RESISTOR 26.1 $\pm 1\%$.5W TF TC=0 \pm 100	05524	CMF-65-2
R75	0698-3439	4	1	RESISTOR 178 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R76	2100-1774	3	1	RESISTOR-TRMR 2K 5% WW TOP-ADJ 1-TRN	06026	CT-100-4-2K
R77	0757-0003	8	1	RESISTOR 26.1 $\pm 1\%$.5W TF TC=0 \pm 100	05524	CMF-65-2
R78	0698-3153	9	1	RESISTOR 3.83K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R79	0699-2107	3	1	RESISTOR 63.93K $\pm 0.1\%$.125W TF TC=0 \pm 5	06337	5023Z
R80	0699-2109	5	1	RESISTOR 25K $\pm 0.1\%$.125W TF TC=0 \pm 5	06337	5023Z
R81	0699-2108	4	1	RESISTOR 50K $\pm 0.1\%$.125W TF TC=0 \pm 5	06337	5023Z
R82	0699-2108	4	1	RESISTOR 50K $\pm 0.1\%$.125W TF TC=0 \pm 5	06337	5023Z
R83	0757-0280	3	1	RESISTOR 1K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R84	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R85	0698-7253	8	1	RESISTOR 5.11K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R86	0698-7253	8	1	RESISTOR 5.11K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R87	0698-3442	9	1	RESISTOR 237 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R88	0699-2113	1	1	RESISTOR 2K $\pm 0.1\%$.125W TF TC=0 \pm 5	06337	5023Z
R89	0699-2114	2	1	RESISTOR 1K $\pm 0.1\%$.125W TF TC=0 \pm 5	06337	5023Z
R92	0698-6620	1	1	RESISTOR 150K $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R93	2100-3876	0	1	RESISTOR-TRMR 1K 10% TKF TOP-ADJ 17-TRN	03744	3299W-DM3-102
R94	0757-0280	3	1	RESISTOR 1K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R95	0698-6360	6	1	RESISTOR 10K $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R96	0698-6360	6	1	RESISTOR 10K $\pm 0.1\%$.125W TF TC=0 \pm 25	05524	CMF-55-1, T-9
R99	0757-0458	7	1	RESISTOR 51.1K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R100	0698-3152	8	1	RESISTOR 3.48K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R101	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R102	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R103	0698-7275	4	1	RESISTOR 42.2K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R104	0698-8827	4	1	RESISTOR 1M $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1

HP Part Number 08563-60029
Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
R105	0699-0642	7	1	RESISTOR 10K +0.1% .1W TF TC=0+-5	05524	PTF-56-7
R106	0698-3440	7	1	RESISTOR 196 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R107	0757-0438	3	1	RESISTOR 5.11K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R108	0698-6320	8	1	RESISTOR 5K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R109	0698-3153	9	1	RESISTOR 3.83K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R110	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R111	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R112	0699-2125	5	1	RESISTOR 643.7K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R113	0698-3160	8	1	RESISTOR 31.6K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R114	0699-2112	0	1	RESISTOR 10K +-0.1% .125W TF TC=0+-2	06337	5023Z
R115	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R116	0757-0465	6	1	RESISTOR 100K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R120	0699-2104	0	1	RESISTOR 169.5K +-0.1% .125W TF TC=0+-5	06337	5023Z
R121	0699-0642	7	1	RESISTOR 10K +-0.1% .1W TF TC=0+-5	05524	PTF-56-7
R122	0699-2122	2	1	RESISTOR 55.5K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1
R123	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R124	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R125	0757-0401	0	1	RESISTOR 100 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R126	0699-0555	1	1	RESISTOR 100 +-0.1% .3W MF TC=0+-5	02928	301464
R129	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R132	0699-2105	1	1	RESISTOR 150K +-0.1% .125W TF TC=0+-5	06337	5023Z
R135	0757-0442	9	1	RESISTOR 10K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R137	0698-6360	6	1	RESISTOR 10K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R138	0698-6362	8	1	RESISTOR 1K +-0.1% .125W TF TC=0+-25	05524	CMF-55-1, T-9
R139	0698-7912	6	1	RESISTOR 111.1 +-0.25% .125W TF	05524	CMF-55-1, T-1
R142	0698-3161	9	1	RESISTOR 38.3K +-1% .125W TF TC=0+-100	05524	CMF-55-1
R144	0699-0118	2	1	RESISTOR 20K +-0.1% .1W TF TC=0+-5	05524	PTF-56-7
R145	0699-0642	7	1	RESISTOR 10K +-0.1% .1W TF TC=0+-5	05524	PTF-56-7
R146	0699-2112	0	1	RESISTOR 10K +-0.1% .125W TF TC=0+-2	06337	5023Z
R162	0698-3441	8	1	RESISTOR 215 +-1% .125W TF TC=0+-100	05524	CMF-55-1
R164	0698-7218	5	1	RESISTOR 178 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R165	0698-7218	5	1	RESISTOR 178 +-1% .05W TF TC=0+-100	05524	CMF-50-2
R166	0698-8958	2	1	RESISTOR 511K +-1% .125W TF TC=0+-100	01074	H8
R167	0698-8958	2	1	RESISTOR 511K +-1% .125W TF TC=0+-100	01074	H8
R174	0699-1305	1	1	RESISTOR 10.2K +-0.1% .1W TF TC=0+-5	05524	PTF-56-7

**Indicates factory-selected value*

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HP Part Number 08563-60029
Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
R175	0698-7212	9	1	RESISTOR 100 \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R176	0698-7212	9	1	RESISTOR 100 \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R177	0698-7212	9	1	RESISTOR 100 \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R178	0698-7212	9	1	RESISTOR 100 \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R179	0698-7212	9	1	RESISTOR 100 \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R180	0698-7212	9	1	RESISTOR 100 \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R301	0698-7250	5	1	RESISTOR 3.83K \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R302	0698-7284	5	1	RESISTOR 100K \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R303	0698-7263	0	1	RESISTOR 13.3K \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R304	0757-0289	2	1	RESISTOR 13.3K \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R305	0757-0289	2	1	RESISTOR 13.3K \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R306	0757-0289	2	1	RESISTOR 13.3K \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R307	0698-7260	7	1	RESISTOR 10K \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R308	0698-7253	8	1	RESISTOR 5.11K \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R309	0698-7260	7	1	RESISTOR 10K \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R311	0698-7284	5	1	RESISTOR 100K \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R312	0698-7260	7	1	RESISTOR 10K \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R313	0698-7284	5	1	RESISTOR 100K \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R315	0757-0442	9	1	RESISTOR 10K \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R316	0757-0401	0	1	RESISTOR 100 \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R317	0698-7229	8	1	RESISTOR 511 \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R321	0698-3446	3	1	RESISTOR 383 \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R322	0757-0394	0	1	RESISTOR 51.1 \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R323	0698-7248	1	1	RESISTOR 3.16K \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R324	0698-7268	5	1	RESISTOR 21.5K \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R325	0698-7260	7	1	RESISTOR 10K \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R326	0757-0442	9	1	RESISTOR 10K \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R327	0698-7236	7	1	RESISTOR 1K \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R328	0698-7212	9	1	RESISTOR 100 \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R329	0757-0401	0	1	RESISTOR 100 \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R330	0698-7229	8	1	RESISTOR 511 \pm 1% .05W TF TC=0 \pm 100	05524	CMF-50-2
R331	0757-1094	9	1	RESISTOR 1.47K \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R332	0699-0068	1	1	RESISTOR 1.47M \pm 1% .125W TF TC=0 \pm 100	06118	MK2
R333	0698-3449	6	1	RESISTOR 28.7K \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1
R334	0757-0442	9	1	RESISTOR 10K \pm 1% .125W TF TC=0 \pm 100	05524	CMF-55-1

HP Part Number 08563-60029
Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
R335	0757-0202	9	1	RESISTOR 13.7K +1% .125W TF TC=0+-50	05524	CMF-55-1, T-2
R336	0698-3260	9	1	RESISTOR 464K +1% .125W TF TC=0+-100	05524	CMF-55-1
R337	0698-3155	1	1	RESISTOR 4.64K +1% .125W TF TC=0+-100	05524	CMF-55-1
R338	0698-3154	0	1	RESISTOR 4.22K +1% .125W TF TC=0+-100	05524	CMF-55-1
R340	0698-3156	2	1	RESISTOR 14.7K +1% .125W TF TC=0+-100	05524	CMF-55-1
R341	0698-7229	8	1	RESISTOR 511 +1% .05W TF TC=0+-100	05524	CMF-50-2
R342	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+-100	05524	CMF-55-1
R345	0698-7236	7	1	RESISTOR 1K +1% .05W TF TC=0+-100	05524	CMF-50-2
R347	0757-0394	0	1	RESISTOR 51.1 +1% .125W TF TC=0+-100	05524	CMF-55-1
R348	0757-0394	0	1	RESISTOR 51.1 +1% .125W TF TC=0+-100	05524	CMF-55-1
R349	0757-0394	0	1	RESISTOR 51.1 +1% .125W TF TC=0+-100	05524	CMF-55-1
R350	0698-7189	9	1	RESISTOR 11 +1% .05W TF TC=0+-100	05524	CMF-50-2
R351	0698-7189	9	1	RESISTOR 11 +1% .05W TF TC=0+-100	05524	CMF-50-2
R352	0698-7213	0	1	RESISTOR 110 +1% .05W TF TC=0+-100	05524	CMF-50-2
R353	0698-7193	5	1	RESISTOR 16.2 +1% .05W TF TC=0+-100	05524	CMF-50-2
R354	0698-7193	5	1	RESISTOR 16.2 +1% .05W TF TC=0+-100	05524	CMF-50-2
R355	0698-7208	3	1	RESISTOR 68.1 +1% .05W TF TC=0+-100	05524	CMF-50-2
R356	0698-7205	0	1	RESISTOR 51.1 +1% .05W TF TC=0+-100	05524	CMF-50-2
R357	0698-7212	9	1	RESISTOR 100 +1% .05W TF TC=0+-100	05524	CMF-50-2
R358	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R359	0698-7220	9	1	RESISTOR 215 +1% .05W TF TC=0+-100	05524	CMF-50-2
R360	0698-7246	9	1	RESISTOR 2.61K +1% .05W TF TC=0+-100	05524	CMF-50-2
R361	0698-7268	5	1	RESISTOR 21.5K +1% .05W TF TC=0+-100	05524	CMF-50-2
R362	0698-7284	5	1	RESISTOR 100K +1% .05W TF TC=0+-100	05524	CMF-50-2
R363	0698-7268	5	1	RESISTOR 21.5K +1% .05W TF TC=0+-100	05524	CMF-50-2
R364	0698-7284	5	1	RESISTOR 100K +1% .05W TF TC=0+-100	05524	CMF-50-2
R365	0698-7229	8	1	RESISTOR 511 +1% .05W TF TC=0+-100	05524	CMF-50-2
R366	0698-7229	8	1	RESISTOR 511 +1% .05W TF TC=0+-100	05524	CMF-50-2
R367	0698-7241	4	1	RESISTOR 1.62K +1% .05W TF TC=0+-100	05524	CMF-50-2
R368	0757-0346	2	1	RESISTOR 10 +1% .125W TF TC=0+-100	05524	CMF-55-1
R369	0698-8615	8	1	RESISTOR 75K +1% .05W TF TC=0+-100	05524	CMF-50-2
R370	0698-7236	7	1	RESISTOR 1K +1% .05W TF TC=0+-100	05524	CMF-50-2
R371	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R372	0698-7241	4	1	RESISTOR 1.62K +1% .05W TF TC=0+-100	05524	CMF-50-2
R373	0698-7246	9	1	RESISTOR 2.61K +1% .05W TF TC=0+-100	05524	CMF-50-2

**Indicates factory-selected value*

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HP Part Number 08563-60029
Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R375	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R376	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R377	0698-7284	5	1	RESISTOR 100K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R379	0698-3444	1	1	RESISTOR 316 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R380	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R381	0757-0420	3	1	RESISTOR 750 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R382	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R383	0698-7271	0	1	RESISTOR 28.7K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R384	0698-7248	1	1	RESISTOR 3.16K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R386	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R387	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R388	0698-7228	7	1	RESISTOR 464 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R389	0757-0438	3	1	RESISTOR 5.11K $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R390	0698-7284	5	1	RESISTOR 100K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R391	0698-7280	1	1	RESISTOR 68.1K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R392	0698-7236	7	1	RESISTOR 1K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R396	0757-0401	0	1	RESISTOR 100 $\pm 1\%$.125W TF TC=0 \pm 100	05524	CMF-55-1
R397	0698-7260	7	1	RESISTOR 10K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R398	0699-0073	8	1	RESISTOR 10M $\pm 1\%$.125W TF TC=0 \pm 100	06118	MK2
R399	0699-0073	8	1	RESISTOR 10M $\pm 1\%$.125W TF TC=0 \pm 100	06118	MK2
R400	0699-0127	3	1	RESISTOR 464K $\pm 1\%$.05W TF TC=0 \pm 100	02499	RG-1/8-T050
R531	0698-7220	9	1	RESISTOR 215 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R532	0698-7220	9	1	RESISTOR 215 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R533	0698-7228	7	1	RESISTOR 464 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R534	0698-7228	7	1	RESISTOR 464 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R535	0698-7228	7	1	RESISTOR 464 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R541	0698-7205	0	1	RESISTOR 51.1 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R542	0698-7212	9	1	RESISTOR 100 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R543	0698-7236	7	1	RESISTOR 1K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R544	0698-7205	0	1	RESISTOR 51.1 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R545	0698-7220	9	1	RESISTOR 215 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R548	0698-7220	9	1	RESISTOR 215 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R551	0698-7284	5	1	RESISTOR 100K $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R552	0698-7235	6	1	RESISTOR 909 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2
R553	0698-7235	6	1	RESISTOR 909 $\pm 1\%$.05W TF TC=0 \pm 100	05524	CMF-50-2

HP Part Number 08563-60029
Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
R554	0698-7219	6	1	RESISTOR 196 +1% .05W TF TC=0+-100	05524	CMF-50-2
R562	0698-7205	0	1	RESISTOR 51.1 +1% .05W TF TC=0+-100	05524	CMF-50-2
R563	0698-7205	0	1	RESISTOR 51.1 +1% .05W TF TC=0+-100	05524	CMF-50-2
R564	0698-7236	7	1	RESISTOR 1K +1% .05W TF TC=0+-100	05524	CMF-50-2
R570	0698-7236	7	1	RESISTOR 1K +1% .05W TF TC=0+-100	05524	CMF-50-2
R571	0698-7225	4	1	RESISTOR 348 +1% .05W TF TC=0+-100	05524	CMF-50-2
R580	0698-7236	7	1	RESISTOR 1K +1% .05W TF TC=0+-100	05524	CMF-50-2
R581	0698-7234	5	1	RESISTOR 825 +1% .05W TF TC=0+-100	05524	CMF-50-2
R583	0698-7193	5	1	RESISTOR 16.2 +1% .05W TF TC=0+-100	05524	CMF-50-2
R584	0698-7212	9	1	RESISTOR 100 +1% .05W TF TC=0+-100	05524	CMF-50-2
R585	0698-7225	4	1	RESISTOR 348 +1% .05W TF TC=0+-100	05524	CMF-50-2
R586	0698-7212	9	1	RESISTOR 100 +1% .05W TF TC=0+-100	05524	CMF-50-2
R587	0698-7197	9	1	RESISTOR 23.7 +1% .05W TF TC=0+-100	05524	CMF-50-2
R588	0698-7205	0	1	RESISTOR 51.1 +1% .05W TF TC=0+-100	05524	CMF-50-2
R589	0698-7205	0	1	RESISTOR 51.1 +1% .05W TF TC=0+-100	05524	CMF-50-2
R590	0698-7225	4	1	RESISTOR 348 +1% .05W TF TC=0+-100	05524	CMF-50-2
R591	0698-7236	7	1	RESISTOR 1K +1% .05W TF TC=0+-100	05524	CMF-50-2
R592	0698-7188	8	1	RESISTOR 10 +1% .05W TF TC=0+-100	05524	CMF-50-2
R593	0698-7228	7	1	RESISTOR 464 +1% .05W TF TC=0+-100	05524	CMF-50-2
R594	0698-7228	7	1	RESISTOR 464 +1% .05W TF TC=0+-100	05524	CMF-50-2
R601	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R602	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R603	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R604	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R619	0757-0442	9	1	RESISTOR 10K +1% .125W TF TC=0+-100	05524	CMF-55-1
R620	0698-0084	9	1	RESISTOR 2.15K +1% .125W TF TC=0+-100	05524	CMF-55-1
R621	2100-4184	5	1	RESISTOR-TRMR 10K 10% TKF TOP-ADJ 1-TRN	03744	3329H-EG9-103
R623	0757-0416	7	1	RESISTOR 511 +1% .125W TF TC=0+-100	05524	CMF-55-1
R624	0757-0280	3	1	RESISTOR 1K +1% .125W TF TC=0+-100	05524	CMF-55-1
R625	0757-0416	7	1	RESISTOR 511 +1% .125W TF TC=0+-100	05524	CMF-55-1
R628	2100-4182	3	1	RESISTOR-TRMR 2K 10% TKF TOP-ADJ 1-TRN	03744	3329H-EG9-202
R629	0757-0289	2	1	RESISTOR 13.3K +1% .125W TF TC=0+-100	05524	CMF-55-1
R701	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R703	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2
R704	0698-7260	7	1	RESISTOR 10K +1% .05W TF TC=0+-100	05524	CMF-50-2

**Indicates factory-selected value*

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Scans by ArtekMedia => 2010

HP Part Number 08563-60029
Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
R705	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R706	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R707	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R709	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R710	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R711	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R712	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R714	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R716	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R718	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R727	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R730	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R731	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
R732	0698-7260	7	1	RESISTOR 10K +-1% .05W TF TC=0+-100	05524	CMF-50-2
U101	1820-3964	2	1	IC PRESCR ECL	02037	MC12018P
U102	1813-0211	1	1	IC WIDEBAND AMPL TO-39	02037	MWA110
U103	1820-1888	5	1	IC PRESCR ECL	02037	MC12013P
U104	1820-1442	7	1	IC CNTR TTL/LS DECD ASYNCHRO	28480	1820-1442
U105	1820-0630	3	1	IC MISC ECL	02037	MC4044P
U106	1826-1640	9	1	IC COMPARATOR HS 8 PIN DIP-C	03406	LM360J
U107	1826-0285	6	1	IC V RGLTR-FXD-NEG -4.8/-5.2V 3-TO-92	02037	MC79L05ACP
U108	1826-0276	5	1	IC V RGLTR-FXD-POS 4.8/5.2V TO-92 PKG	02037	MC78L05ACP
U109	1826-1175	5	1	IC WIDEBAND AMPL VID 10 PIN TO-100	03406	LM733H
U110	1820-3405	6	1	IC MISC CMOS 4-BIT	02037	MC145146P
U111	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U112	1826-0791	9	1	SAMPLE AND HOLD 8 -DIP-P	03406	LF398N
U113	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U114	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U115	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U116	1826-1361	1	1	ANALOG SWITCH 4 SPST 16 -DIP-P	02883	DG212CJ
U117	0955-0113	1	1	U-WAVE MIXER 1 GHZ MAX	02739	TFM-2-38
U118	1813-0212	2	1	IC WIDEBAND AMPL TO-39	02037	MWA120
U119	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U120	1826-0890	9	1	IC OP AMP GP DUAL 8 PIN DIP-P	03406	LM358AN
U121	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU

HP Part Number 08563-60029
Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
U122	1826-0890	9	1	IC OP AMP GP DUAL 8 PIN DIP-P	03406	LM358AN
U123	1813-0211	1	1	IC WIDEBAND AMPL TO-39	02037	MWA110
U124	1820-3405	6	1	IC MISC CMOS 4-BIT	02037	MC145146P
U125	1826-0276	5	1	IC V RGLTR-FXD-POS 4.8/5.2V TO-92 PKG	02037	MC78L05ACP
U126	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U127	1820-3646	7	1	IC PRESCR ECL	02037	MC12015P
U128	1813-0211	1	1	IC WIDEBAND AMPL TO-39	02037	MWA110
U201	1813-0212	2	1	IC WIDEBAND AMPL TO-39	02037	MWA120
U202	1820-0920	4	1	IC RCVR ECL LINE RCVR QUAD 2-INP	02037	MC1692L
U203	1820-3485	2	1	IC PRESCR ECL	02037	MC12090P
U204	1820-1344	8	1	IC MISC ECL	02037	MC12040L
U205	1820-3485	2	1	IC PRESCR ECL	02037	MC12090P
U206	1810-0167	0	1	NETWORK-RES 8-SIP 330.0 OHM X 4	06252	750-83-R330
U207	1826-0371	1	1	IC OP AMP LOW-BIAS-H-IMPED 8 PIN TO-99	03406	LF256H
U301	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U302	1820-3079	0	1	IC DCDR CMOS/HC BIN 3-TO-8-LINE	28480	1820-3079
U303	1820-3079	0	1	IC DCDR CMOS/HC BIN 3-TO-8-LINE	28480	1820-3079
U304	1820-3079	0	1	IC DCDR CMOS/HC BIN 3-TO-8-LINE	28480	1820-3079
U305	1826-0605	4	1	ANALOG MULTIPLEXER 8 CHNL 16 -CERDIP	02883	DG508ABK
U306	1826-1012	9	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03799	HI1-0201-4
U307	1820-1934	2	1	D/A 8-BIT 16-CERDIP BPLR	03285	DAC-08EQ
U308	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U309	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U310	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U311	1820-4586	6	1	IC DRVR CMOS/HCT LINE OCTL	28480	1820-4586
U312	1826-1012	9	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03799	HI1-0201-4
U313	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U314	1826-2239	4	1	D/A 12-BIT 16-PLASTIC CMOS	03285	AD7542KN
U315	1826-2239	4	1	D/A 12-BIT 16-PLASTIC CMOS	03285	AD7542KN
U316	1826-2239	4	1	D/A 12-BIT 16-PLASTIC CMOS	03285	AD7542KN
U317	1826-0811	4	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03285	SW-01FQ
U318	1826-0811	4	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03285	SW-01FQ
U319	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U320	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U321	1826-0367	5	1	IC V RGLTR-FXD-POS 4.8/5.2V TO-39 PKG	03406	LM78M05CH

**Indicates factory-selected value*

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Scans by ArtekMedia => 2010

HP Part Number 08563-60029
Frequency Control (continued)

Reference Designator	HP Part Number	C	Qty	Description	Mfr Code	Mfr Part Number
U322	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U323	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U324	1826-1361	1	1	ANALOG SWITCH 4 SPST 16 -DIP-P	02883	DG212CJ
U325	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U326	1826-1361	1	1	ANALOG SWITCH 4 SPST 16 -DIP-P	02883	DG212CJ
U327	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U328	1826-1116	4	1	IC OP AMP GP QUAD 14 PIN DIP-P	02290	RC4156DB
U329	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U330	1826-0932	0	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27FZ
U331	1826-0932	0	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27FZ
U332	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U333	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U401	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U402	1826-1543	1	1	IC OP AMP HS DUAL 8 PIN DIP-C	02037	MC34072AU
U403	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U404	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U405	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U406	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U407	1810-0527	6	1	NETWORK-RES 10-SIP 1.6K OHM X 9	02483	750-101-R1.6K
U408	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U409	1826-1231	4	1	D/A 8-DGT 20-PLASTIC CMOS	03285	AD7528KN
U410	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U411	1826-0759	9	1	IC COMPARATOR GP QUAD 14 PIN DIP-C	03406	LM339J
U412	1810-1130	9	1	NETWORK-RES 8-SIP 47.0K OHM X 4	28480	1810-1130
U413	1810-0406	0	1	NETWORK-RES 8-SIP 10.0K OHM X 4	06252	750-83-R10K
U414	1826-1543	1	1	IC OP AMP HS DUAL 8 PIN DIP-C	02037	MC34072AU
U415	1826-0811	4	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03285	SW-01FQ
U416	1826-0811	4	1	ANALOG SWITCH 4 SPST 16 -CERDIP	03285	SW-01FQ
U417	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U418	1826-1049	2	1	IC OP AMP PRCN 8 PIN DIP-C	03285	OP-27GZ
U419	1826-1514	6	1	IC V RGLTR-V-REF-FXD 9.95/10.05V 8-DIP-P	10858	LT1021BCN8-10
U420	1820-1200	5	1	IC INV TTL/LS HEX	06347	HD74LS05P
U421	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U422	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU
U424	1826-0785	1	1	IC OP AMP LOW-BIAS-H-IMPED DUAL 8 PIN	02037	MC34002BU

HP Part Number 08563-60029
Frequency Control (continued)

Reference Designator	HP Part Number	C D	Qty	Description	Mfr Code	Mfr Part Number
U425	1820-3848	1	1	IC FF CMOS/HCT D-TYPE POS-EDGE-TRIG COM	28480	1820-3848
U426	1810-0316	1	1	NETWORK-RES 16-DIP 10.0K OHM X 8	02483	761-3-R10K
U427	1826-0759	9	1	IC COMPARATOR GP QUAD 14 PIN DIP-C	03406	LM339J
U428	1810-0406	0	1	NETWORK-RES 8-SIP 10.0K OHM X 4	06252	750-83-R10K
VR1	1902-0579	3	1	DIODE-ZNR 5.1V 5% PD=1W IR=10UA	02037	1N4733ARL
VR2	1902-0579	3	1	DIODE-ZNR 5.1V 5% PD=1W IR=10UA	02037	1N4733ARL
VR3	1902-0202	9	1	DIODE-ZNR 15V 5% PD=1W IR=5UA	02037	1N4744ARL
VR4	1902-3104	6	1	DIODE-ZNR 5.62V 5% DO-35 PD=.4W	02037	SZ30016-1
VR5	1902-0554	4	1	DIODE-ZNR 10V 5% PD=1W IR=10UA	02037	1N4740ARL
VR304	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1
VR305	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1
VR306	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1
VR307	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1
VR308	1902-3139	7	1	DIODE-ZNR 8.25V 5% DO-35 PD=.4W	02037	SZ30016-1
VR309	1902-3139	7	1	DIODE-ZNR 8.25V 5% DO-35 PD=.4W	02037	SZ30016-1
VR316	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1
VR317	1902-3149	9	1	DIODE-ZNR 9.09V 5% DO-35 PD=.4W	02037	SZ30016-1

E-08563-60029-2	
SYM	REVISIONS
A	AS ISSUED PER PCO 53-07449
	APPROVED DATE

NOTES: UNLESS OTHERWISE SPECIFIED

1. DIMENSIONS ARE IN INCHES.
2. REMOVE TABS AFTER WAVE SOLDER.
3. MAXIMUM COMPONENT HEIGHT .400 .
4. MAXIMUM LEAD TRIM LENGTH .118 .
5. ASSURE THAT PIN #9 HAS BEEN REMOVED FROM J15, J16, J17, J18, J19, J302, J303 PRIOR TO ASSEMBLY AND MACHINE SOLDER.
6. 08563-60029 USES RAW BOARD 08562-20055. ADD LABEL MP16 TO MAKE DISTINCTION.

DETAIL A

LIFT INPUT LEAD (PIN 3) OF U125
PRIOR TO ADDING R175

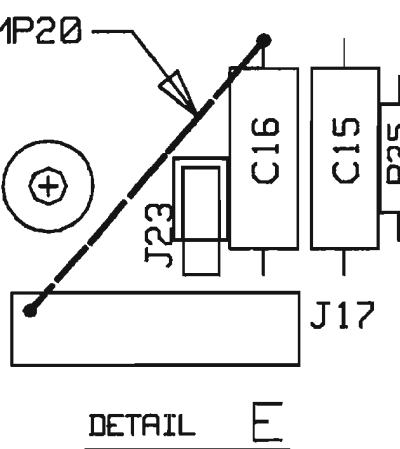
DETAIL B

1. LIFT PINS 7,8 FROM U101 PRIOR TO ADDING C390
2. INSERT MP18 THRU U101 PIN 8 HOLE IN BOARD
3. SOLDER MP18 TO C390 LEAD AS SHOWN

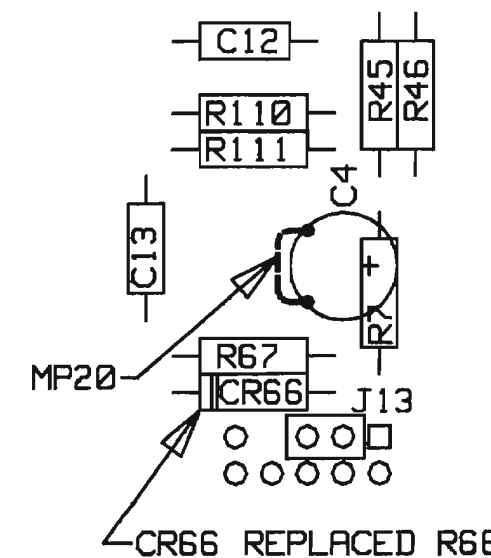
DETAIL C
SCALE: NONE

DETAIL D

1. INSTALL JUMPER MP20 ON BOTTOM SIDE OF BOARD.



1. INSTALL JUMPER MP20 ON BOTTOM SIDE OF BOARD.



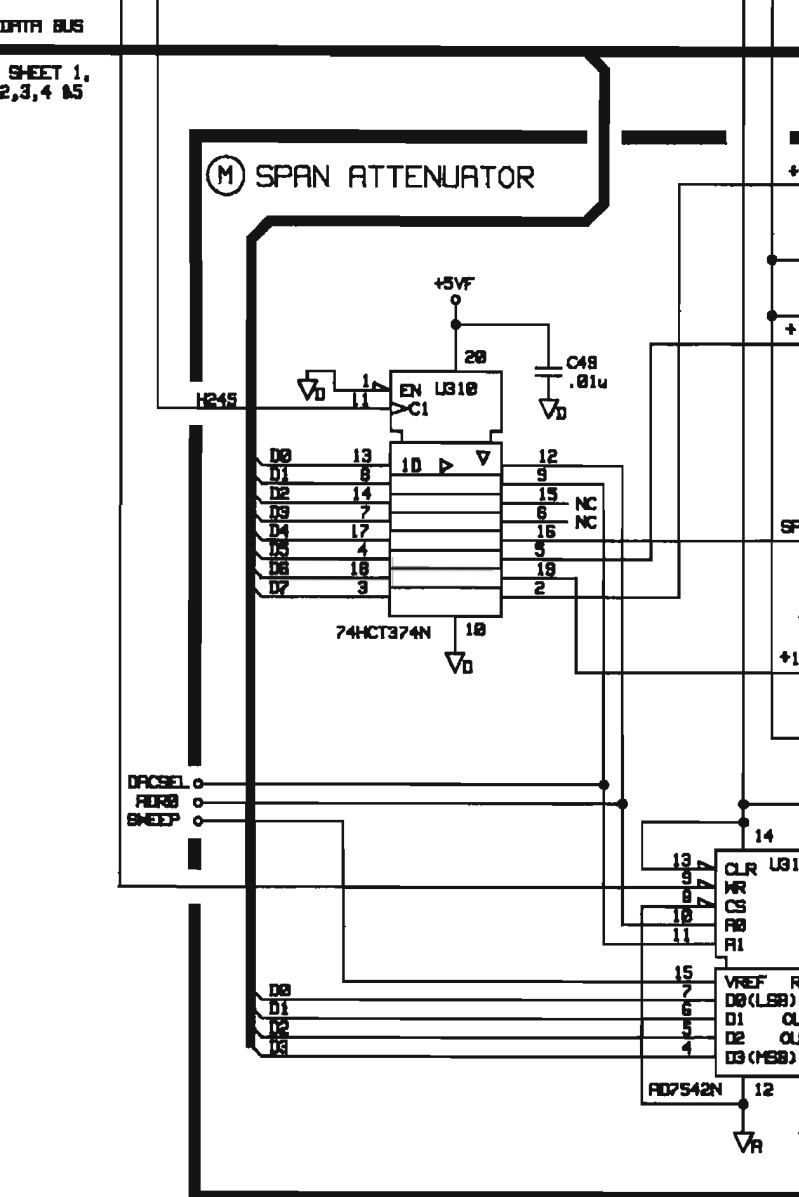
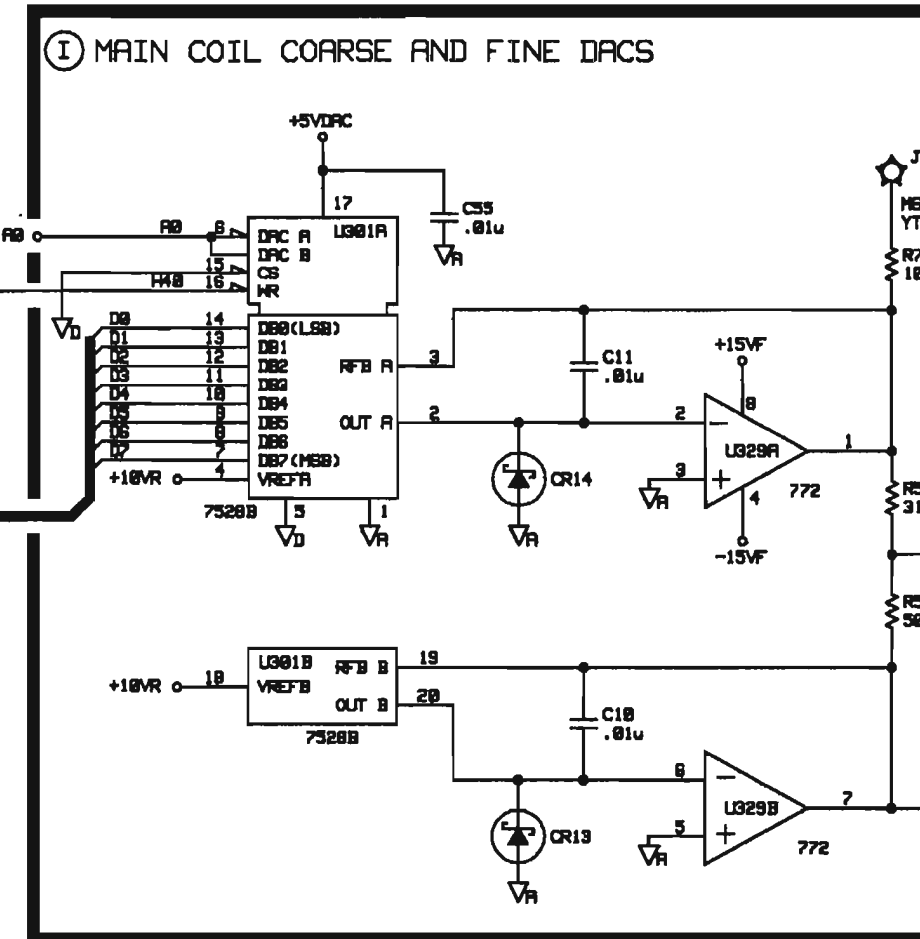
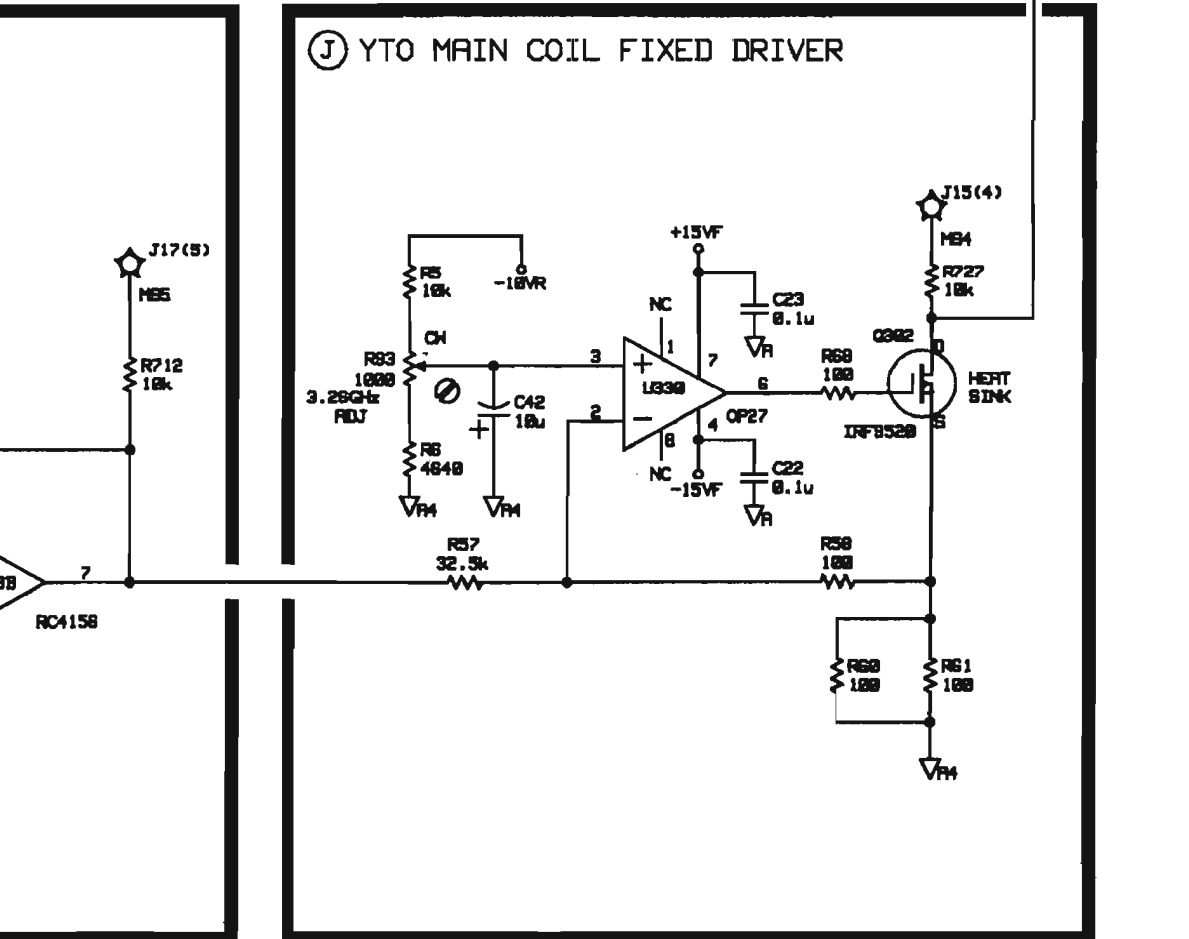
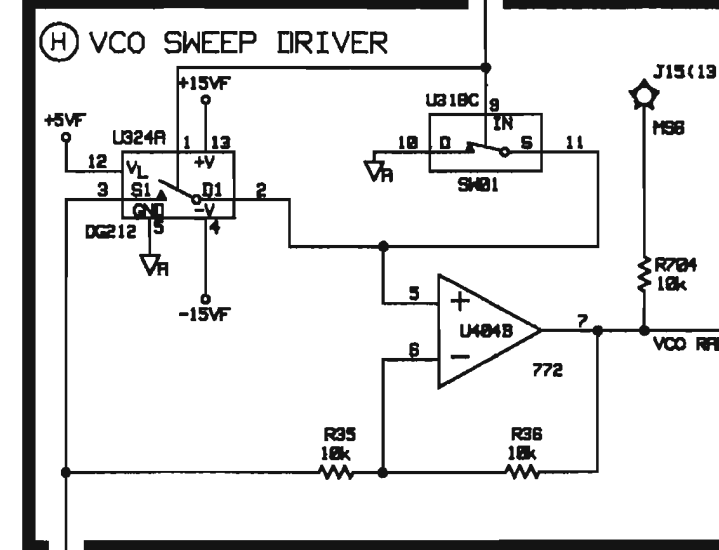
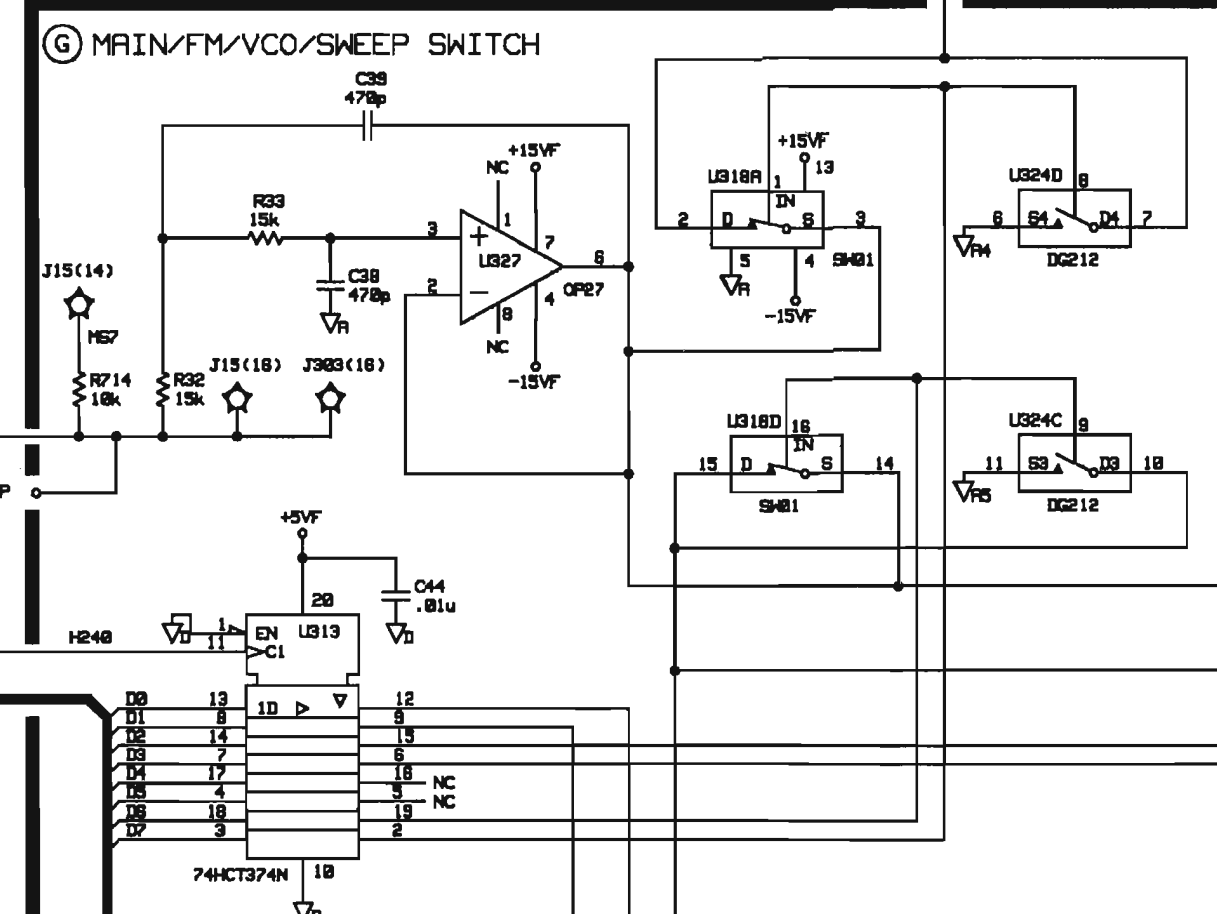
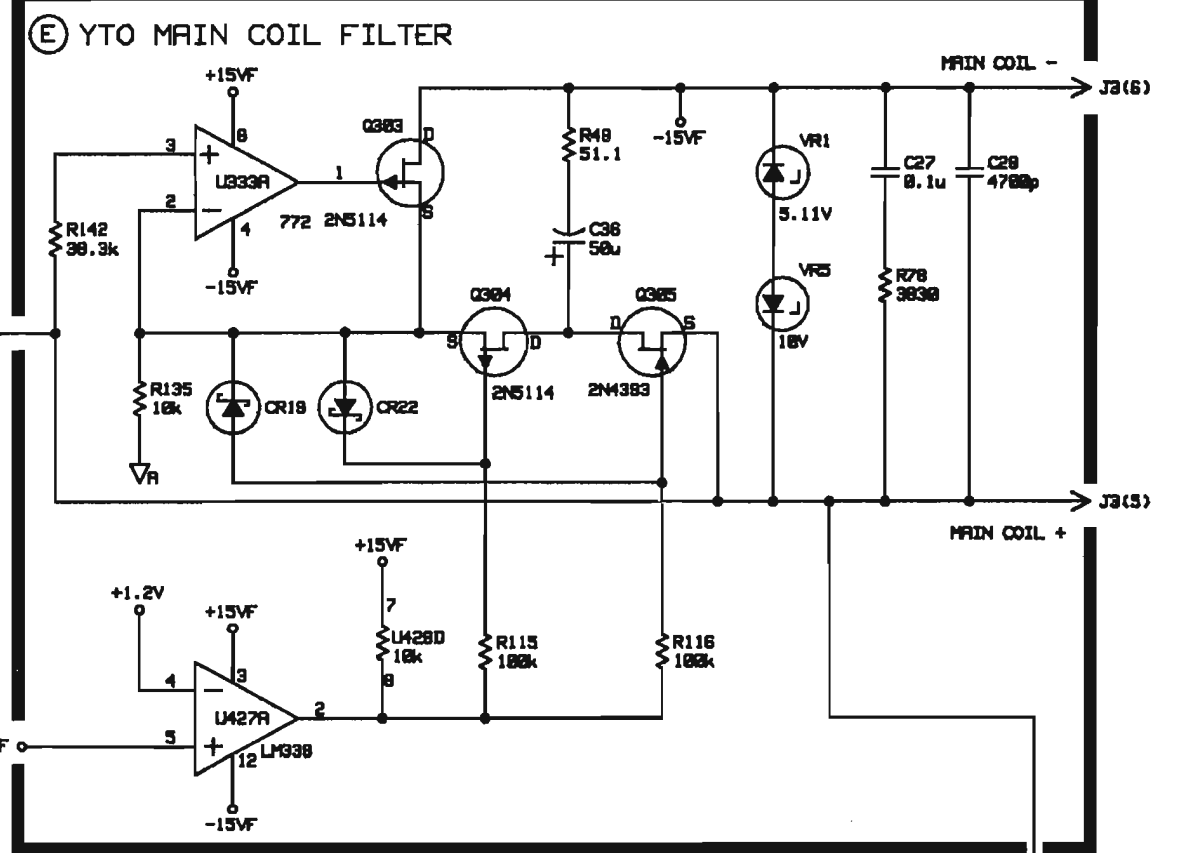
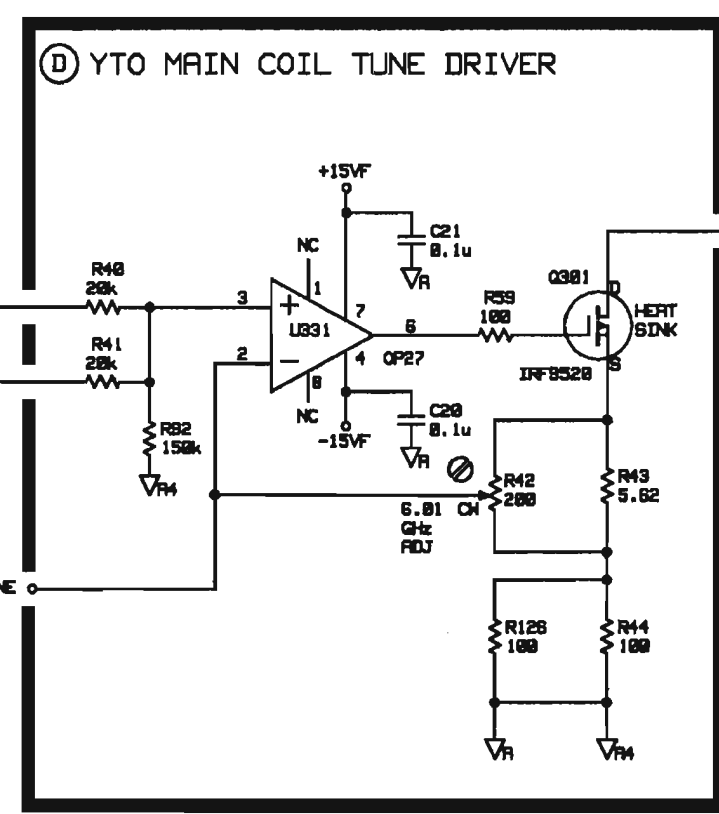
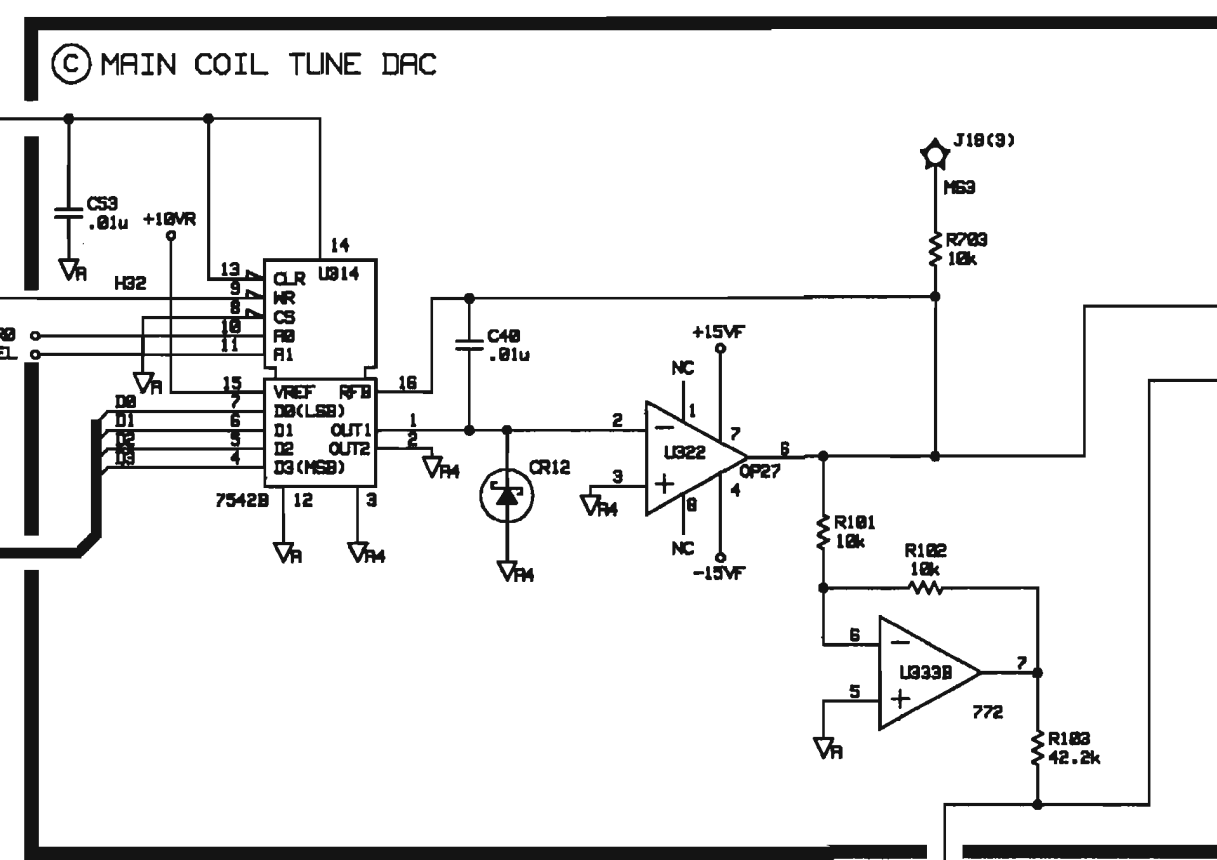
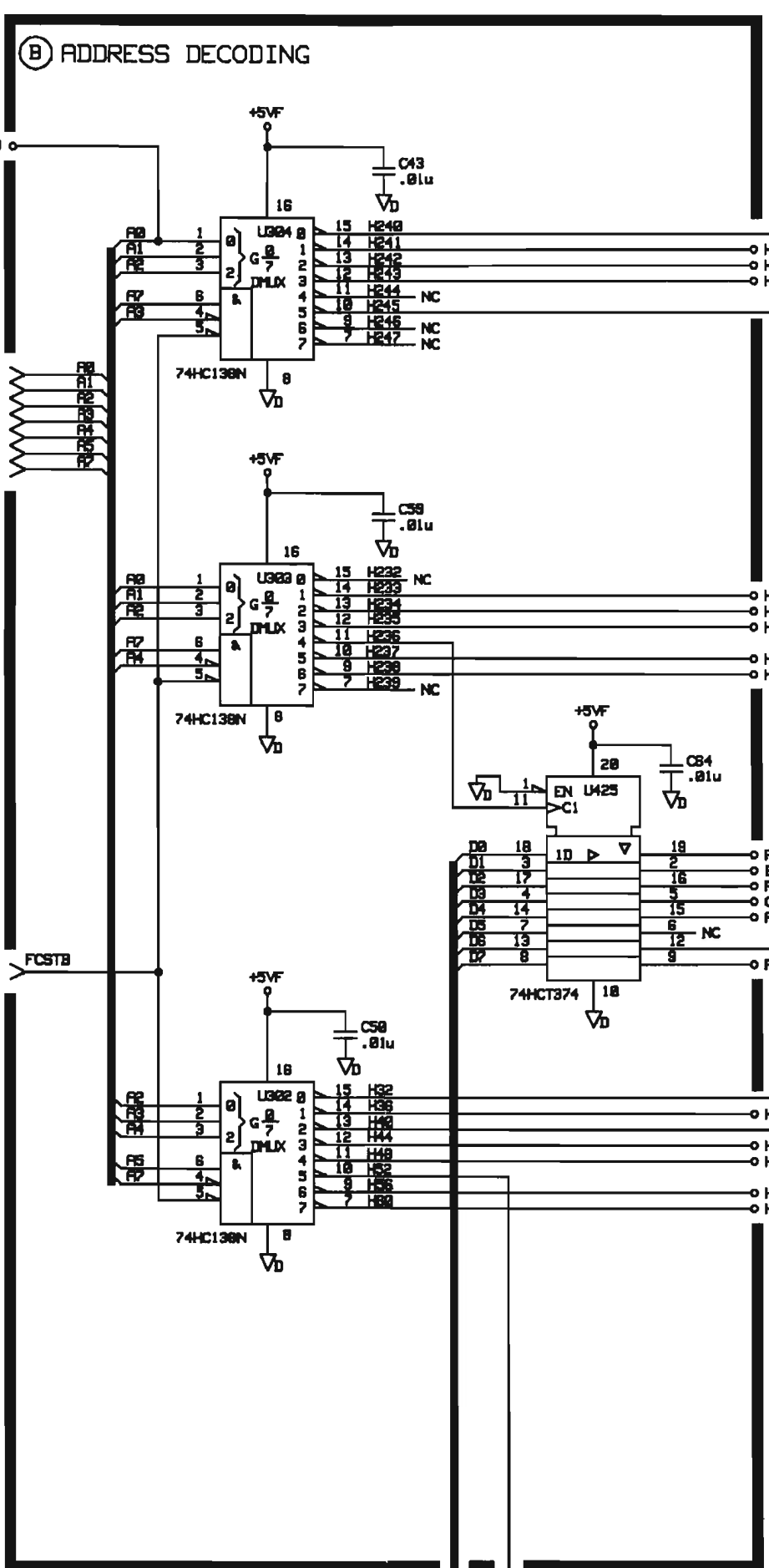
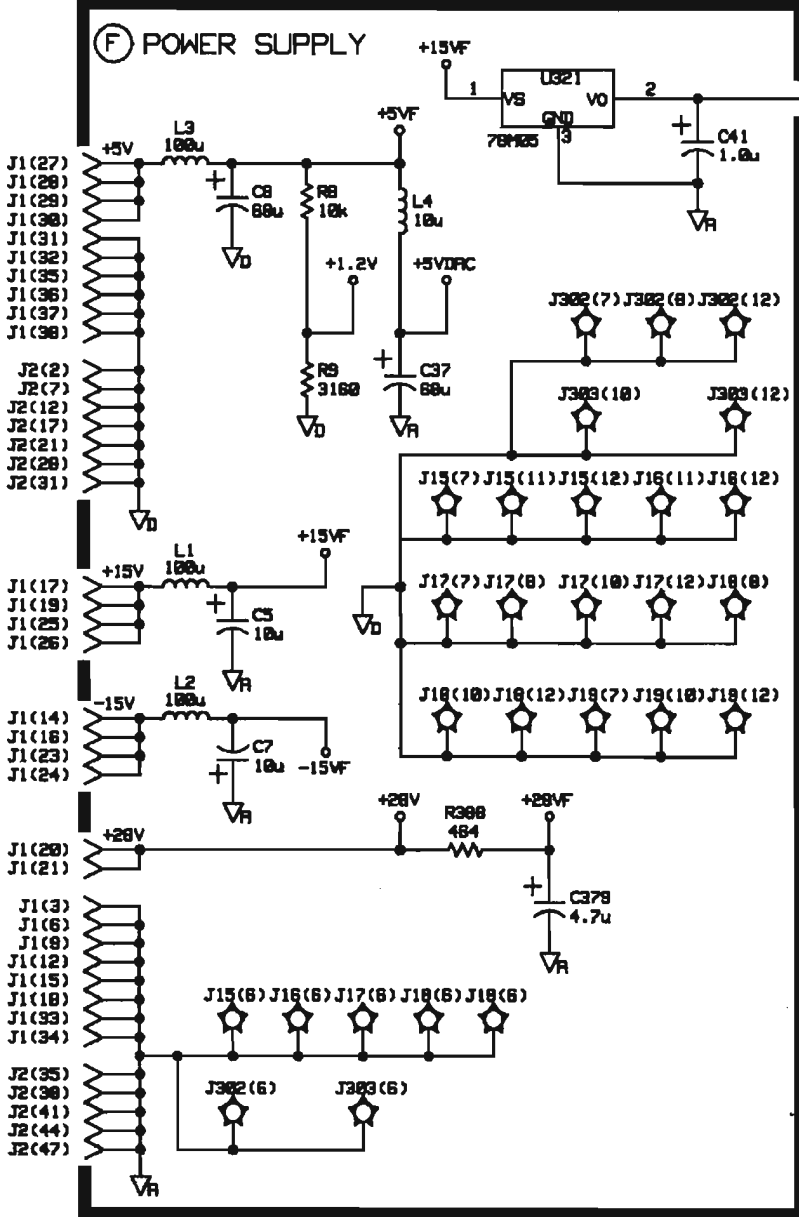
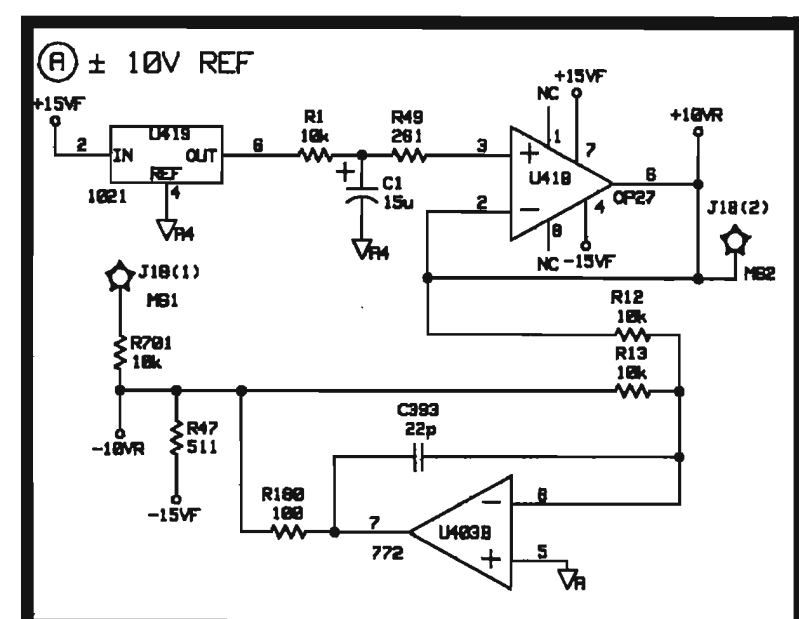
SEE 08563-60029 MATERIAL LIST

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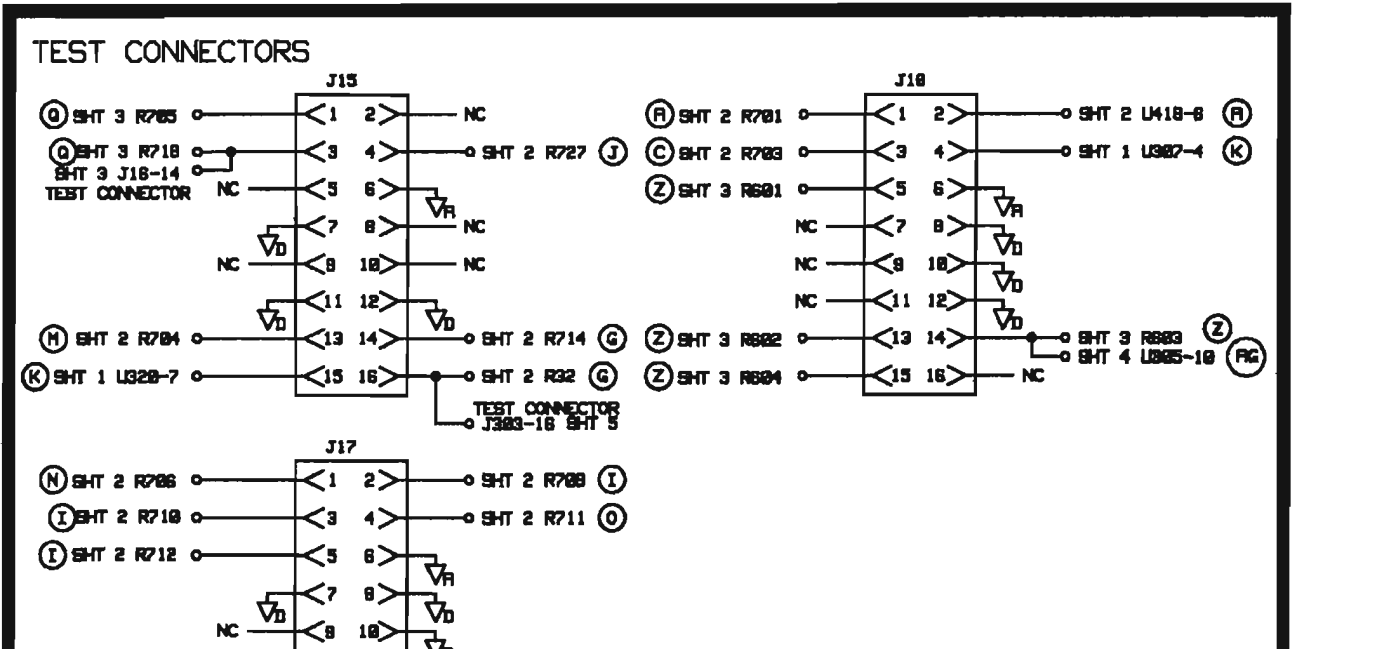
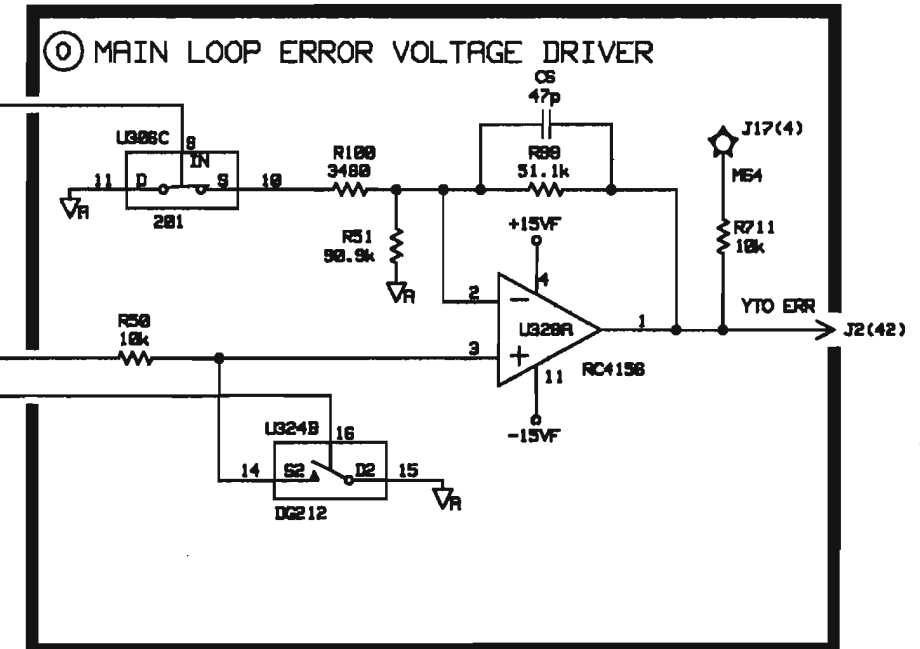
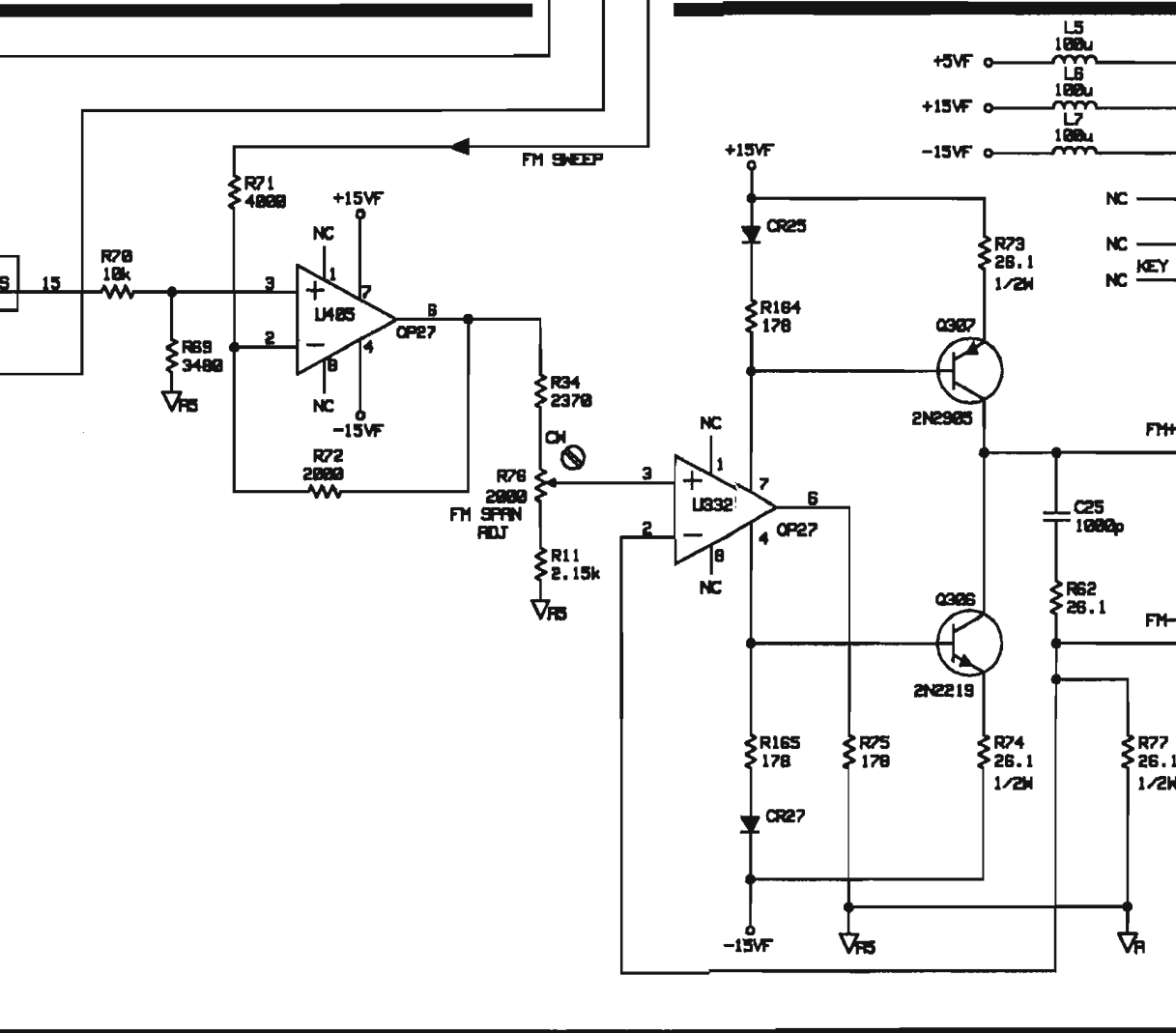
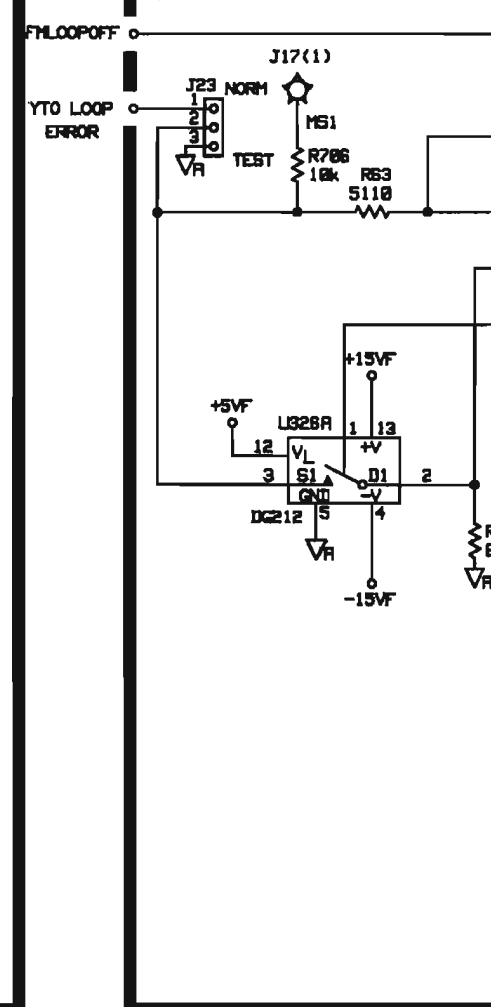
UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.	DESIGNED BY	DATE	BOARD ASSEMBLY- FREQUENCY CONTROL	HEWLETT PACKARD
TOLERANCES: .01, .005, .015	ENGINEER-CHECKER		TITLE	08563-60029
RELAYED TO PROD.			NONE	1 2
REV. CORP. STD. 000	SUPERVISOR (SAL)		08563-60029-2	

D-08563-60029-1

SYM	REVISIONS	APPROVED	DATE
A	AS ISSUED PER PCO 53-07449	DC	
B	PER PCO 53-07344	DC	



(N) YTO FM COIL DRIVER

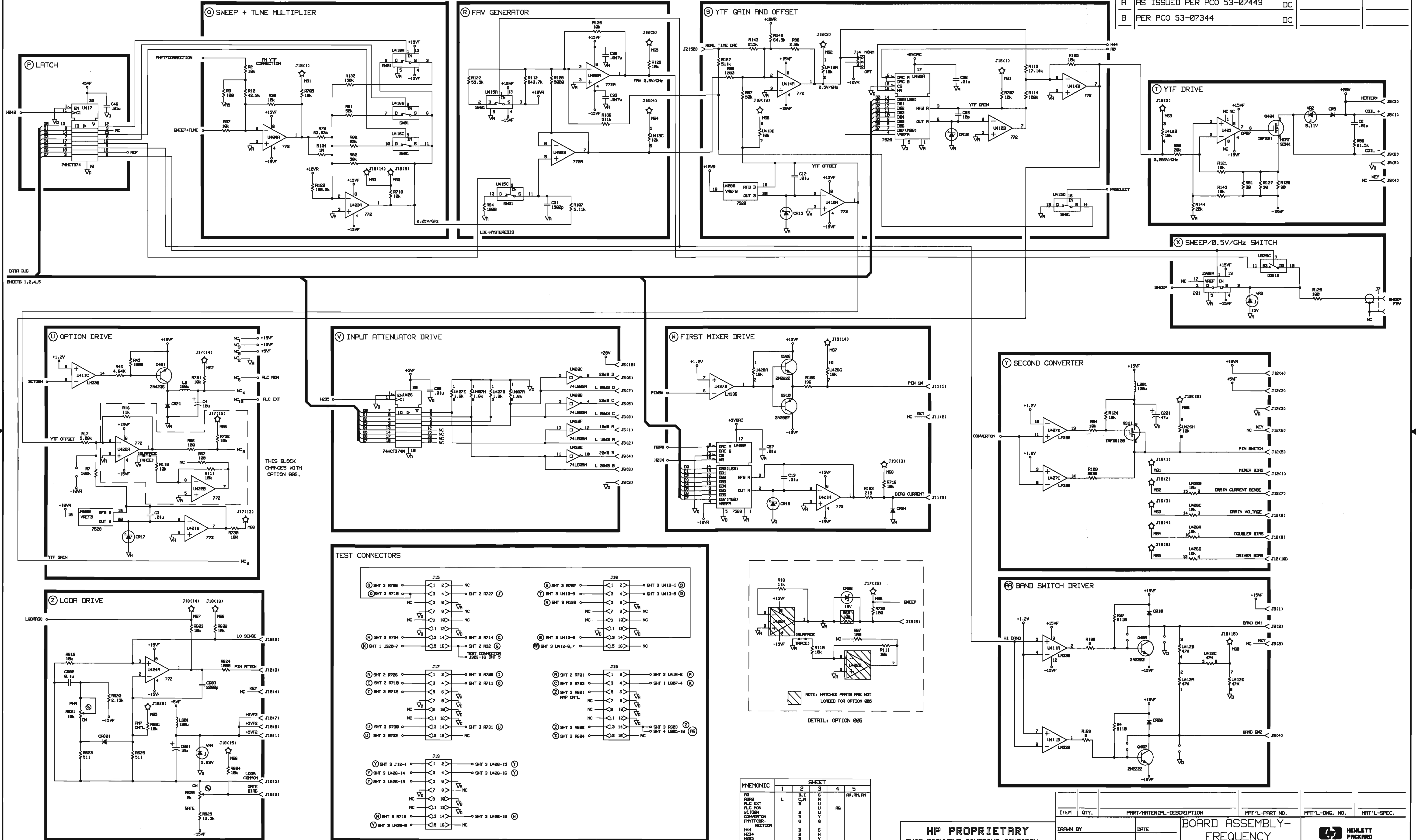


MINORIC	1	2	3	4	5
H237	L	B, I	S	M	FK, RH, RN
H238	L	C, H	S	M	FK, RH, RN
H239	L	S	S	S	FK, RH, RN
H240	L	S	S	S	FK, RH, RN
H241	L	S	S	S	FK, RH, RN
H242	L	S	S	S	FK, RH, RN
H243	L	S	S	S	FK, RH, RN
H244	L	S	S	S	FK, RH, RN
H245	L	S	S	S	FK, RH, RN
H246	L	S	S	S	FK, RH, RN
H247	L	S	S	S	FK, RH, RN
H248	L	S	S	S	FK, RH, RN
H249	L	S	S	S	FK, RH, RN
H250	L	S	S	S	FK, RH, RN
H251	L	S	S	S	FK, RH, RN
H252	L	S	S	S	FK, RH, RN

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ITEM	QTY.	PART/MATERIAL-DESCRIPTION	MAT'L-PART NO.	MAT'L-ENG. NO.	MAT'L-SPEC.
ENGINEER-CHECKER					
RELEASE TO PROD.					
SUPERSEDES ENG.					
DATE					
SCALE NONE					
SHEET 2 OF 5					
BOARD ASSEMBLY-FREQUENCY CONTROL (SCHEMATIC)					
PART NUMBER 08563-60029					
D-08563-60029-1					

SYM	REVISIONS	APPROVED	DATE
A	AS ISSUED PER PCO 53-07449	DC	
B	PER PCO 53-07344	DC	

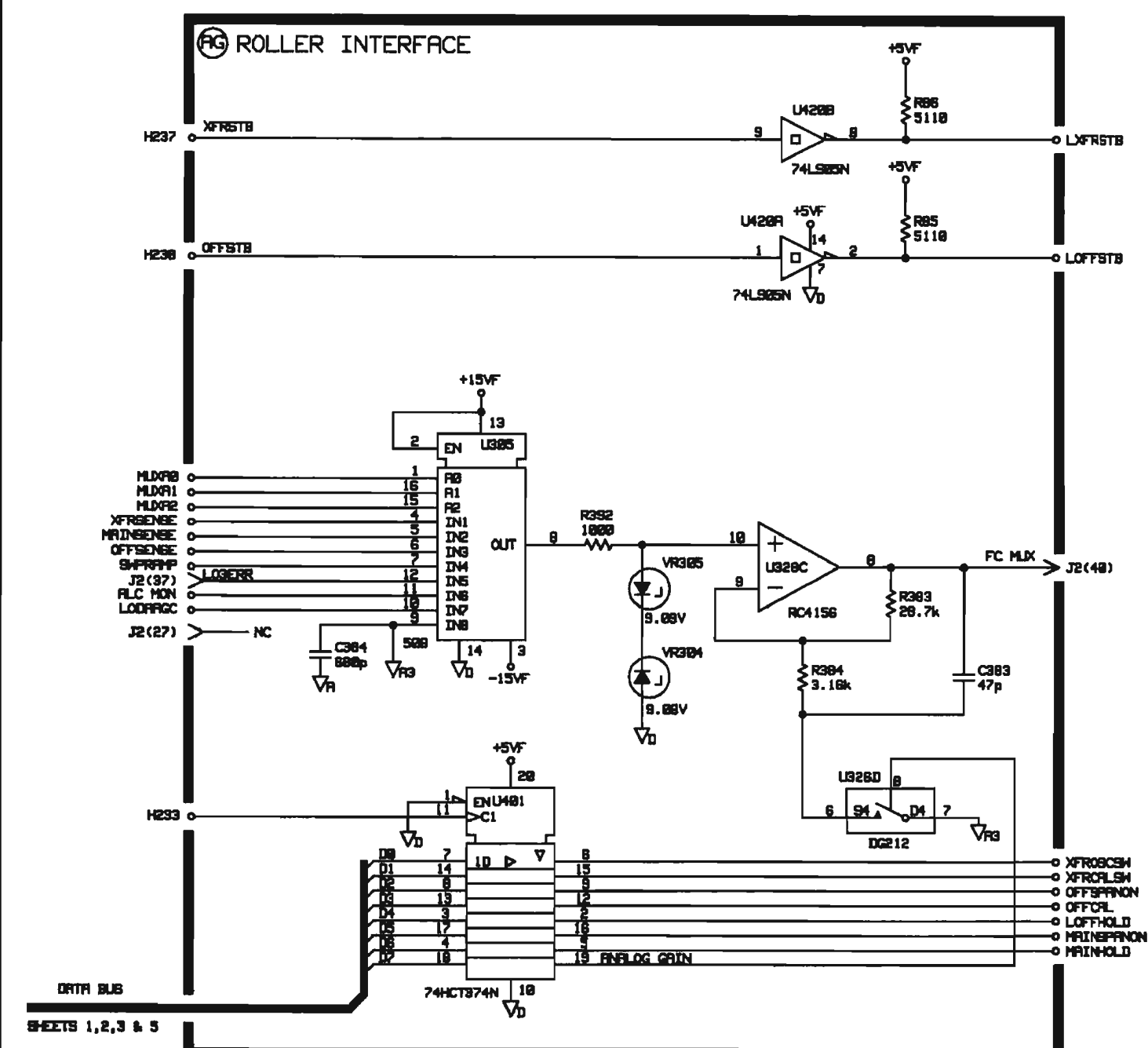
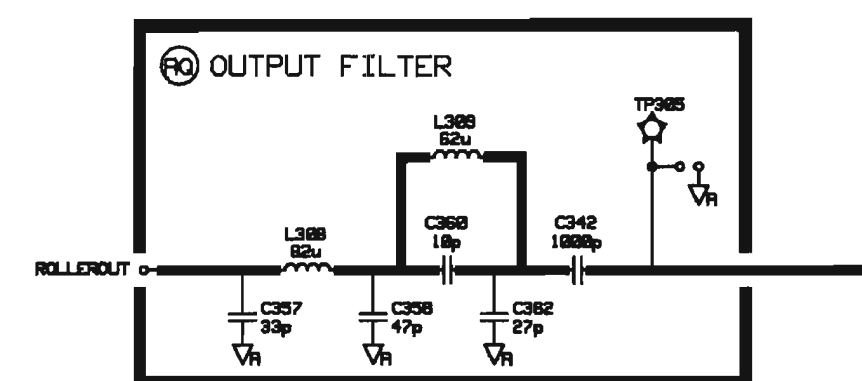
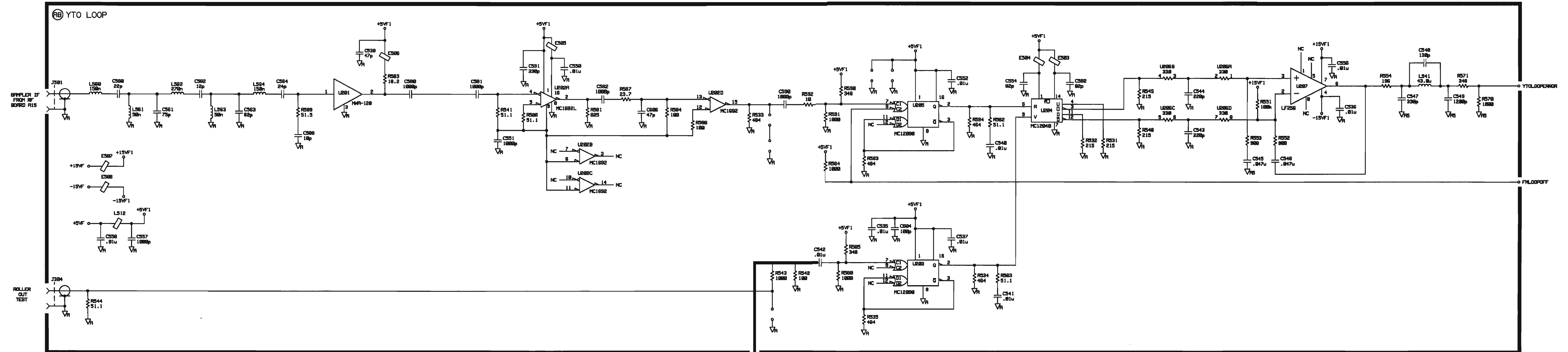


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ITEM	QTY.	PART/MATERIAL-DESCRIPTION	MAT'L-PART NO.	MAT'L-ENG. NO.	MAT'L-SPEC.
DRWN BY		DATE			
ENGINEER/CHECKER					
RELEASE TO PROD.					
SUPERSEDES DWG.					

BOARD ASSEMBLY-FREQUENCY CONTROL (SCHEMATIC)
TITLE
SCALE NONE
SHEET 3 OF 5
D-08563-60029-1

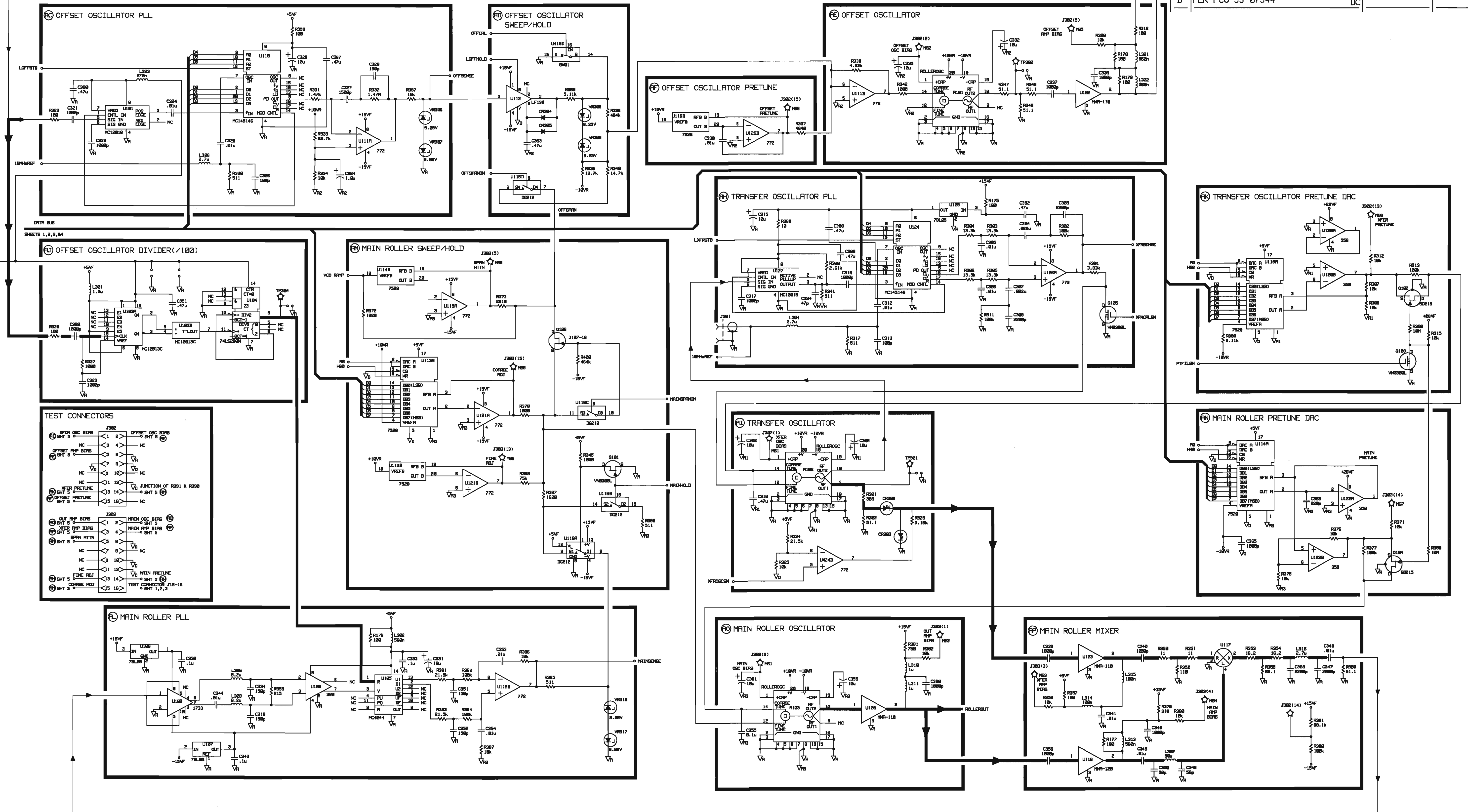
SYM	REVISIONS	APPROVED	DATE
A	AS ISSUED PER PCO 53-07449 DC		
B	PER PCO 53-07344 DC		

[illegible]

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ITEM	QTY.	PART/MATERIAL-DESCRIPTION	MAT'L-PART NO.	MAT'L-DWG. NO.	MAT'L-SPEC.
DRAWN BY		DATE	 HEWLETT PACKARD		
ENGINEER/CHECKER		BOARD ASSEMBLY- FREQUENCY CONTROL			
RELEASE TO PROD.		TITLE (SCHEMATIC)			PART NUMBER 08563-60029
SUSPENSES DWG.		FILENAME-08563-60029-1 SCALE NONE SHEET 4 OF 5			D-08563-60029-1

SYM	REVISIONS	APPROVED	DATE
A	AS ISSUED PER PCO 53-07449 DC		
B	PER PCO 53-07344 DC		



MNEMONIC	SHEET				
	1	2	3	4	5
10HAREF					AC, FH
AB		B, I	B		AK, AN, FN, AN
HAB		B			AK
HBB		B			AK
HBB		B			AK
LOFFHOLD				AG	AO
LOFFSTB				AG	AO
LYFRSTB				AG	AO
MAINHOLD				AG	AO
MAINSENSE				AG	AO

MNE/MONIC	SHEET				
	1	2	3	4	5
MIDEFINON				AC	AD
OFFICAL				AC	AD
OFFENSE				AC	AD
OFFBFINON				AC	AD
PTF ILSH		B		AC	AD
ROLLROUT				AD	AD
WCRAP		H		AC	AD
XFRALSH				AC	AD
XFRSENSE				AC	AD
XFRROCSH				AC	AD

ITEM	QTY.	PART/MATERIAL-DESCRIPTION	MAT'L-PART NO.	MAT'L-ING. NO.	MAT'L-SPEC.				
DRAWN BY		DATE	BOARD ASSEMBLY-FREQUENCY CONTROL TITLE (SCHEMATIC)			 HEALEY PACKARD PART NUMBER 08563-60029			
ENGINEER/CHECKER									
RELEASE TO PROD.									
SUPersedes ING.			SCALE NONE	FILING-BENCH SHEET 5 OF 5	D-08563-60029-1				

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