

Service Manual

REAR PROJECTION TV

CHASSIS : SJ-112

MODEL : DSJ-4710CRA/5510CRA

DSJ-4720CRA/5520CRA

Caution

: In this Manual, some parts can be changed for improving. their performance without notice in the parts list. So, if you need the latest parts information, please refer to PPL(Parts Price List)in Service Information Center(<http://svc.dwe.co.kr>)

DAEWOO ELECTRONICS Corp.

[http : //svc.dwe.co.kr](http://svc.dwe.co.kr)

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1. Safety Instruction

1. When all services are carried out, every item required in this manual needs to be followed and the services should be performed by A/S man.
2. The following general items should be performed before starting the services.
 - 1) Unplug the power.
 - 2) Uncover the cabinet.
 - 3) To prevent a danger of shock, touch a terminal of plug on the chassis ground and discharge a remaining voltage.
 - 4) Check if all parts are in the proper places, omitted or burned.
 - 5) Check the soldering state of all parts, if a clad copper is loose or peeled off and if there is a short between clad coppers.
 - 6) When all the articles mentioned above are normal, plug the power and refer to "Fault diagnosis according to cause and symptom" of this manual for service according to screen state.
3. Pay attention to a basic wiring and check a damaged part if a disconnected circuit is found and replace it with a new one.
4. The equal rated parts should be used depending on the parts list of this manual when a part needs to be replaced. Because some electronic parts and appliances have safety-related features, an electric shock, fire or X-RAY radiation can be caused if no equal rated parts are used.
5. When a part needs to be replaced and soldered on PCB, the part should be inserted in the right position and not contact with even a terminal of other part.
Especially, a high voltage resistance should be inserted with 10mm away from the PCB.
6. Since approx. 30KV high voltage is applied to the Braun tube in operating the TV set, a little X-RAY can be radiated. If the voltage is too high, harmful X-RAY can result in a danger. Therefore, A/S man with sufficient knowledge about high voltage needs to perform the service. Especially, be sure to discharge the anode of the Braun tube on the chassis ground of TV set before starting the repair.
7. Examine the followings before finishing the service.
 - 1) Check if all protecting components have been assembled.
 - 2) Keep the lead line away from high voltage or high temperature parts and check if all wires have been connected.
 - 3) Check a leakage current to protect a user from a shock.Observances for safe service

8. How to check a leakage current

- 1) Plug the power directly.
- 2) After connecting 1.5V 10W resistance and 0.15uF condenser in a row, link one with an exposed metal part of TV set and earth the other (proper earth place such as water pipe).

9. A couple persons or more should perform the repair.

When a back cover needs to be separated, pull it out about half and remove the power cord before complete uncovering.

10. Remove the anode cable which is fixed at HVG in separating the anode cable from HVG or replacing CRT or HVG. Because a high voltage charged in the anode isn't discharged completely even though the AC power cord is removed, the high voltage can be sent to TV set via the power cord and cause its damage.

Therefore, be sure to observe the following method in replacing a high voltage cable.

1) How to remove a high voltage cable

- a. Make a discharger to discharge a high voltage.
- b. Remove the power cord and wait for 30 sec.
- c. Remove the anode cable after discharging as the method mentioned below.

2) How to produce

- a. Solder MW resistance and clip lead.
- b. Place the soldered part on a driver to tap.

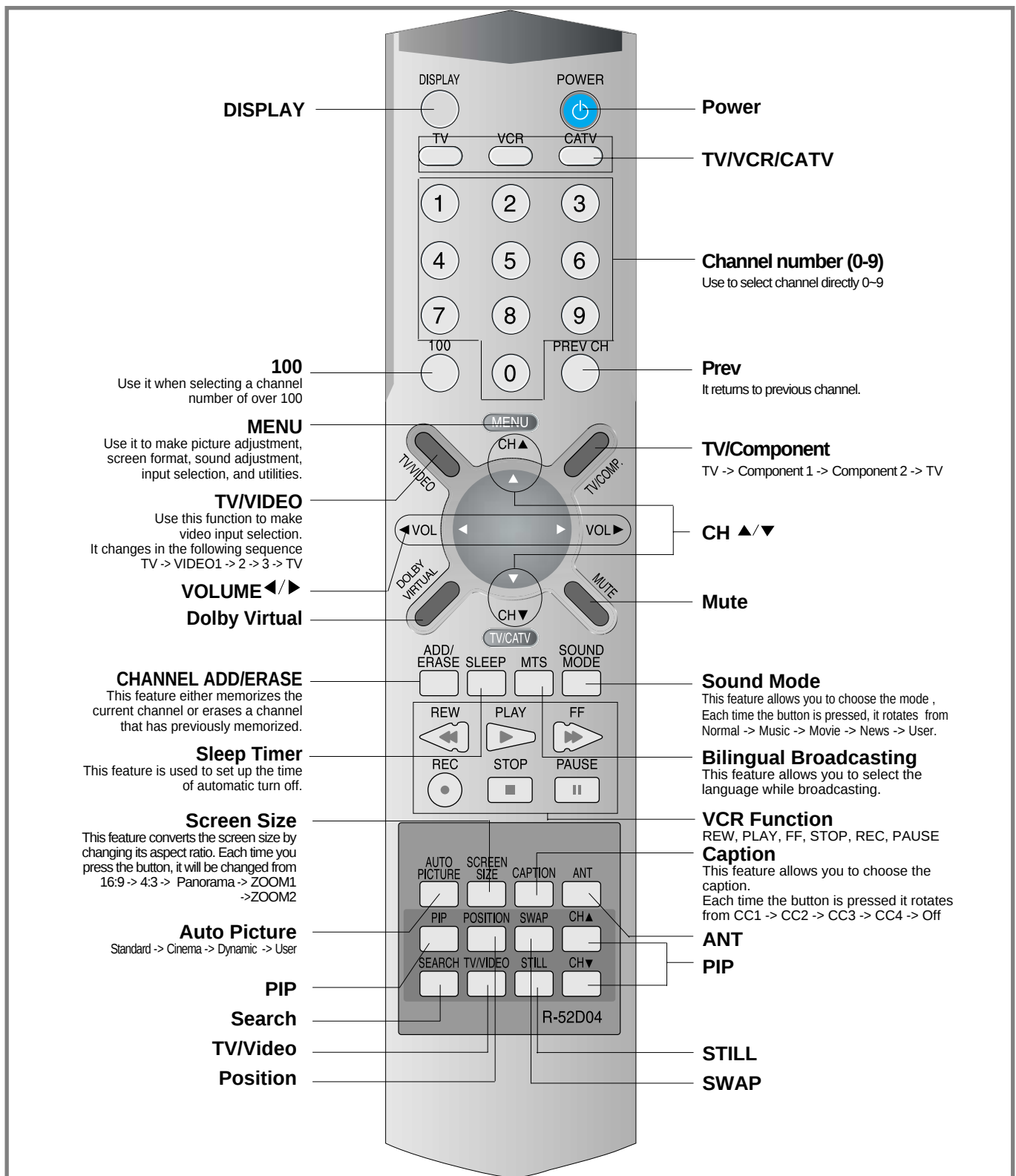
3) How to discharge

- a. Connect the clip with CRT NET GND.
- b. Pull upward the anode cable slightly, giving a proper force to both nippers of the high voltage plug locked in HVG. Then, the HVG is removed from the high voltage cable. Be careful not to destroying the HVG plug socket which connects the high voltage plugs by giving an excessive force to the nippers in the course.
- c. To discharge a high voltage, contact the discharger with a peeled wire at the end of the anode cable which is removed from HVG.
- d. When separating the high voltage plug from the high voltage cable, put both tips of a pincette in the plug and pull the plug to the end of the high voltage cable.

2. Specifications

General	Input voltage Power consumption Dimensions (W x H x D) Weight Antenna input	AC 220V, 60Hz 230watts 1278 x 1351.7 x 586mm (5510) 1278 x 1351.7 x 591mm (5520) 1110 x 1210 x 532.5mm (4710) 1110 x 1210 x 529.5mm (4720) 77.9Kg(55"), 66.5Kg(47") One 75 ohm external input terminal for UHF/VHF/Cable
Image	Screen size Scanning type CRT size	139cm(55"), 119cm(47"), 16:9 Aspect Ratio DTV : 1080I @ 33.75KHz NTSC/DVD: 480p @ 31.5KHz 1080I @ 33.75KHz 7"
Voice	Sound system NTSC voice Voice output Rear	3D Stereophonic sound Stereo, Sound multiplex 15W/ch (Main L/R)
External Input/ Output	Antenna input NTSC AV input NTSC AV monitor output Component input Right NTSC AV input	2EA 2pairs (S-Video/Video/L/R) 1pair(Video/L/R) 2pair(Y/Pb/Pr) 1pairs(S-Video/Video/L/R)

3. Specifications of remote control

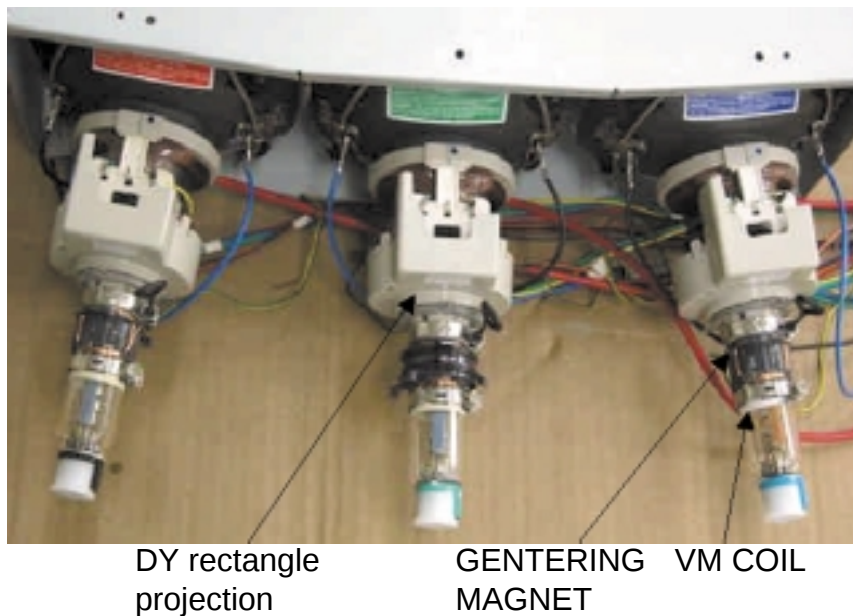


4. Adjusting Method

Adjustment of temporary ITC

Step 1. Temporary fixation of DY

- 1) Insert DY in R, G, B CRT and tighten the screws properly with DY pushed upward to the end (Refer to Figure 1)
- 2) Adjust the slant and position of DY so that the rectangle projections of DY are shown in front of the set.



(Figure 1. Front part of CRT assembly)

Step 2. Fixation of VM coil

- 1) Tighten the screw completely with R, G, B, VM coil pushed upward to the end (Refer to Figure 1)

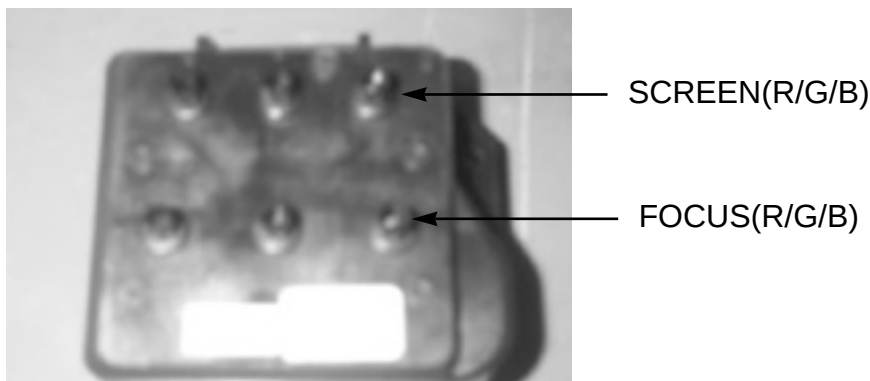
Applied chassis and model: SJ-111, 112/DSJ-5510(20), DSJ-4710(20)

Completion of control

- All adjustments need to be performed after heat-run for 30 min or more.
- Heat-run is executed in the state of non-signal noise.
- If a retrace line appears on the screen during heat-run, rotate the screen VR left and carry out heat-run when it disappears.
- Note) If stop image is kept over 10 min, a fluorescent material of CRT can be damaged.

Step 1. Control of screen voltage

- 1) Select 'Video 1' without a signal.
 - 2) After turning the screen VR of focus pack right, slowly rotate it left when a retrace line appears and fix it when the line disappears completely.
 - 3) Control Red VR, Green VR and Blue VR in the order.
 - 4) Fix the VR by lock paint after the control is completed.
- Note) This control should be performed in a darkroom.



[Figure 2. Exterior view of focus-pack]

Step 2. Control of P-Lens focus

- 1) Receive RETMA pattern.
 - 2) Loose the fixing nut of lens.
 - 3) Rotate the fixing nut of lens left and then right slowly. Fix the optimum focus position by repeating this method.
- Note 1) Control the focus on the basis of 6cm by 6cm (intra-office signal 8CH, No.3) at the left bottom of the screen.
- Note 2) Perform the focus readjustment or correction if the entire screen isn't focused even after the completion of focus control.

Applied chassis and model: SJ-111, 112/DSJ-5510(20), DSJ-4710(20)

Adjusting Method

- 4) When the focus control is finished, apply a silicon bond between inside and outside diameter, paying attention so that the lens isn't moved.
- 5) Project R, G, B signal only by one signal, using a lens cover and control G, R and B in the order.

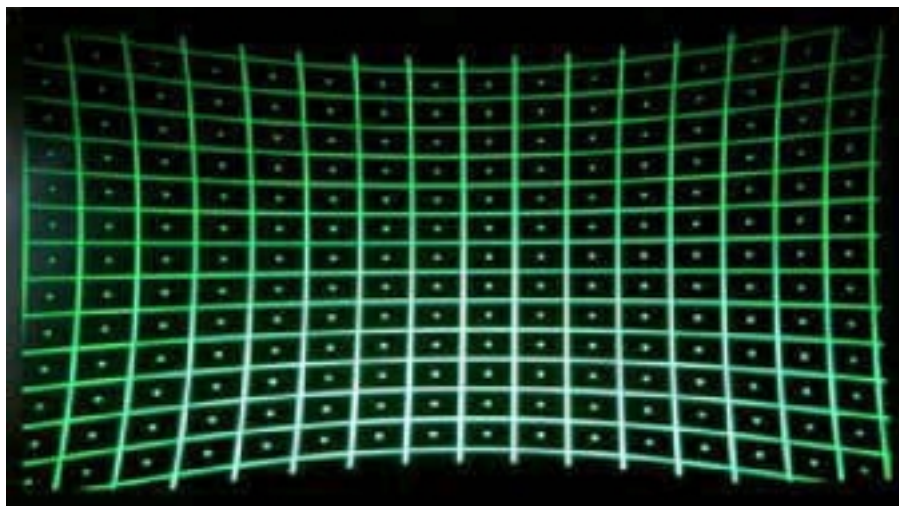
Note) This control should be performed in a darkroom. Especially, be careful not to touch the lens with a hand.

Step 3. Focus control

- 1) Receive RETMA pattern.
- 2) Rotate the focus-pack of focus VR right and left to fix the optimum focus.
Note 1) Control the focus on the basis of 6cm by 6cm (intra-office signal 8CH, No.3) at the left bottom of the screen.
Note 2) Perform the focus readjustment or correction if the entire screen isn't focused even after the completion of focus control.
- 3) Project R, G, B signal only by one color, using a lens cover and control G, R and B in the order.

Step 4. Control of G-CRT 2-pole, 4-pole magnet

- 1) Receive DOT pattern.
- 2) Have only a green screen appear, using a lens cover.
- 3) Adjust the core to be located in the center of DOT, using a 4-pole magnet.
- 4) Adjust the DOT to be circular, using a 2-pole magnet.
- 5) Tighten the fixing part so that the magnet can't move after finishing the adjustment.
Note 1) This control should be performed in a darkroom.
Note 2) Perform the focus readjustment or correction if the entire screen isn't focused even after the completion of focus control.



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Step 5. Control of deflection yoke and tilt

- 1) Receive CROSS-HATCH pattern.
- 2) Rotating a loose DY left and right, control it so that the horizon of R, G, and B can be projected on to the screen correctly in the form of horizon. (Refer to the center point of Front -Mask)
- 3) After adjusting the R, G, B, FY, fix the DY with a lever not to turn.

Step 6. Control of raster position

- 1) Receive CROSS-HATCH pattern.
- 2) Adjusting the centering magnet attached to the DY, locate the center of green image at the center of the screen (Refer to Figure 1).
- 3) Adjusting the centering magnet of R and B, locate R left and B right on the basis of G in the center.
- 4) Fit the horizon in the center of R and B to the horizon of G.
- 5) In the center of screen, locate the vertical line of R approx. 20 to 30mm to the left on the basis of G and the vertical line of G approx. 20 to 30mm to the right (Refer to Figure 4).

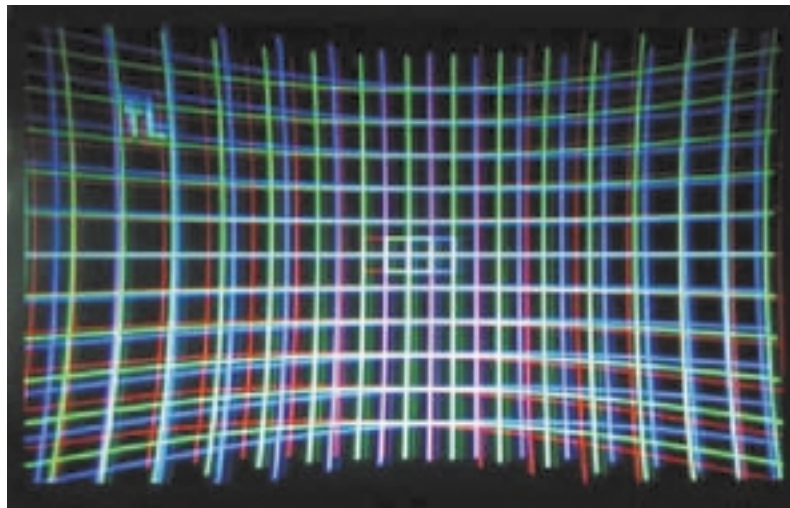


Figure 4. Control of R, G, B raster

Step 7. Control of convergence

a. Control of 480i convergence

- 1) Input the signal of auto alignment system in a component terminal.
(Select one between component 1 and 2.)

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Adjusting Method

- 2) Connect I2C line of the auto alignment system with housing (P503) at the top of a convergence board.
- 3) Select CONV.EXE in the auto alignment system program and press ENTER.
- 4) Control the user convergence with a remote control after the control is finished.

b. Control of 1080i convergence

- 1) Repeat the above 1) to 4) for 1080i mode.

Step 8. Control of white balance

- 1) Connect a control pattern (intra-office signal cable broadcasting 32 CH) with external input 3.
- 2) Select the screen mode as standard.
- 3) Locate the sensor of 3298 system at the center of High/Low Beam.
- 4) Execute the projection program of control PC.
- 5) When OSD of 'OK' appears on the monitor of control PC, the control is completed.

- Measuring unit: Multimedia Display Tester 3298(YOKOGAYA)
- Measuring signal: White -Balance Control Pattern (Intra-office signal cable broadcasting 32CH)
- Coordinates setup: $x=0.275 \pm 0.005$ / $y=0.275 \pm 0.005$
- Initial data (S8)

R DRV : 31 (RED DRIVE)
G DRV : 40 (GREEN DRIVE)
B DRV : 31 (BLUE DRIVE)
R CUT : 61 (RED BIAS)
G CUT : 64 (GREEN BIAS)
B CUT : 61 (BLUE BIAS)



Applied chassis and model: SJ-111, 112/DSJ-5510(20), DSJ-4710(20)

Step 9.

Control of 480p color accord

- 1) Receive Cross-Hatch 480p signal by using HD signal output instrument.
- 2) Press the S7 key of service remote control to enter the 480p color accord control mode.
- 3) Change RHLIN to control RED color accord.
- 4) Change BHLIN to control BLUE color accord.

■ Measuring unit:VG-858(ASTRO)

■ Initial data (S7)

RH LIN : -53

BH LIN : +127

Step 10.

Control of sub brightness

- Press the S9 key to enter the Sub Brightness control mode.
- Screen mode: Standard
 - 1) Receive RETMA pattern (intra-office signal cable broadcasting 96 CH)
 - 2) Press the S9 key.
 - 3) Control the Sub Brightness so that 18% gradation can be identified in the contrast chart of gradation pattern.

40%	30%	20%	10%
50%	0%	0%	5%
60%	70%	80%	100%

Applied chassis and model: SJ-111, 112/DSJ-5510(20), DSJ-4710(20)

5. Explanation for circuit operation

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7. CRT AMP

1. Specification/Feature

1-1. Specification of product

General	Input voltage Power consumption Dimensions (W x H x D) Weight Antenna input	AC 220V, 60Hz 230watts 1278 x 1351.7 x 586mm (5510) 1278 x 1351.7 x 591mm (5520) 1110 x 1210 x 532.5mm (4710) 1110 x 1210 x 529.5mm (4720) 77.9Kg(55"), 66.5Kg(47") One 75 ohm external input terminal for UHF/VHF/Cable
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1-2. Features of product

- 7" Pure Flat Picture Tube
- Digital 3D Comb Filter
- Video Noise Reduction
- 1080i(HD), Line doubled to 480p(NTSC)
- Velocity Modulation Scanning
- Dynamic Focus System
- Auto channel Programming
- Black Level Expender

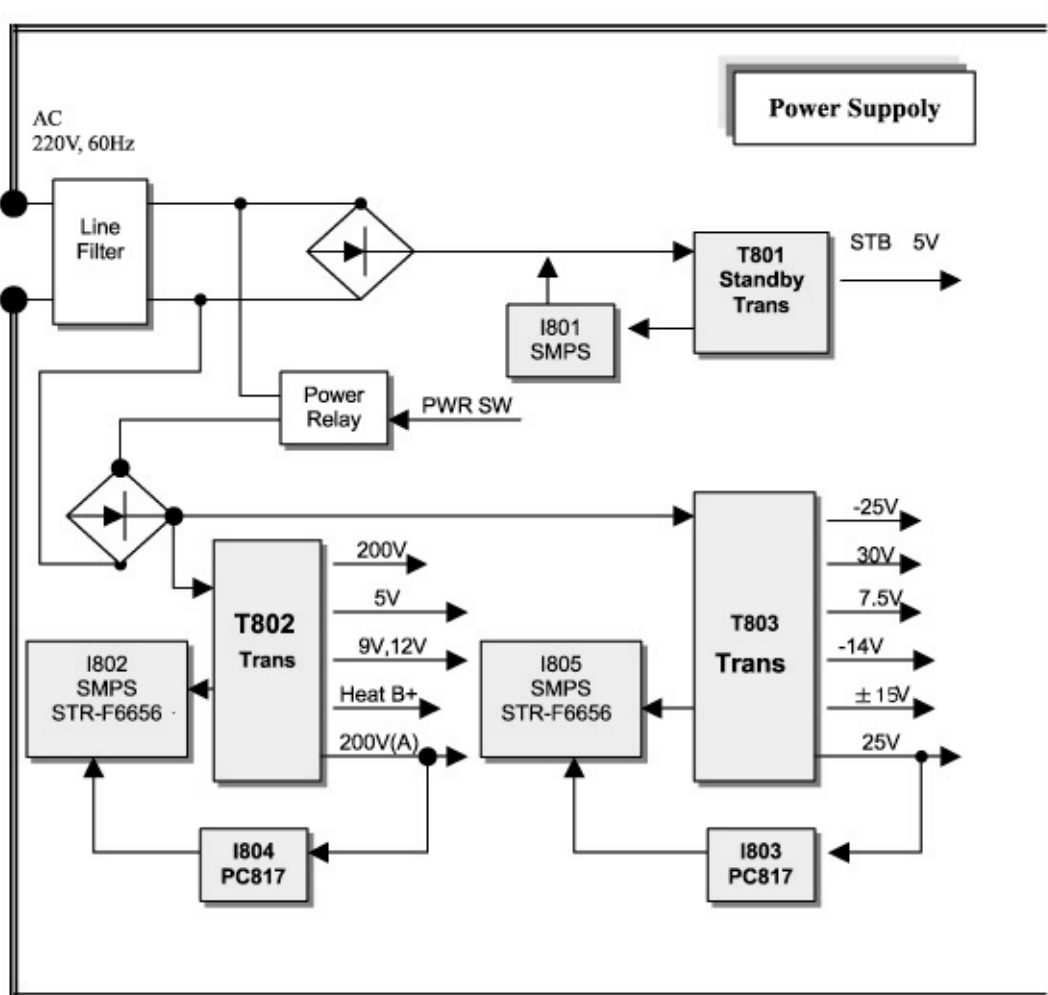
2. Power

2-1. Outline

This power is a power supply of 230W to provide a power for 55"/47"CRT Projection TV.

2-2. Block diagram

The block diagram of this power is as follows.



2-3 Composition of power supply

This power supply is formed in Fly-back type to provide various powers.

The design specification of this power supply is as follows.

- 1) Input power: 120Vac (+/- 10%), 60Hz
- 2) Power consumption : 230W
- 3) The second power supply is shown in table 1-1. (Final power supply)

No. Position Kind Purpose Current Remark

<Table 1-1> The second power supply

No.	Position	Kind	Purpose	Current	Remark
1	T802	200V	CRT AMP B+	80mA	
2	T802	135V	HIGH VOLTAGE B+	900mA	F/B LINE
3	T802	12V	GENERAL PURPOSE	600mA	
4	T802	9V	GENERAL PURPOSE	1000mA	
5	T802	5V	GENERAL PURPOSE	400mA	
6	T802	5V	GENERAL PURPOSE	750mA	
7	T802	6.3V	HEATER B+	650mA	
8	T803	+25V	SUB-DY AMP B+	900mA	F/B LINE
9	T803	-25V	SUB-DY AMP B+	900mA	
10	T803	30V	GENERAL PURPOSE	100mA	
11	T803	+7.5V	GENERAL PURPOSE	100mA	
12	T803	-12V	GENERAL PURPOSE	300mA	
13	T803	+15V	AUDIO AMP B+	2000mA	
14	T803	-15V	AUDIO AMP B+	2000mA	
15	T801	5V	STAND-BY B+	500mA	

< TABLE 1-1 > The second power supply

2-4 Explanation for power supply operation

1) Power supply and STAND-BY power

The voltage via a bipolarity power code (PC801) goes through a line filter area composed of EMI filter (L801, L802, L827), X-capacitor (C801, C802, C803) and Y-capacitor (C804, C805), is rectified and smoothed (C-806) in bridge diode (D801 -D804).

This voltage provides a power for STAND-BY trans (T-801) and TOP232P of STAND-BY power IC (I801) and the second TRANS supplies a STAND-BY power for U-COM.

2) Main power start

When the U-COM supplies a PWR SWITCH ON signal for Q801 base via PA802 connector, a positive terminal relay (RLY1) starts and AC power is rectified and smoothed (C809, C816) in a bridge diode (D-808) via a Y-capacitor (C-811, C812).

The voltage before smoothing supplies a starting voltage for No.4 terminal of STR-F6656 (I802, I803) via (R809+R817) and (R823+R824).

When STR-F6656 starts, the voltage via a coil bead (L825, L826) goes to coil P of trans and then to drain (Pin No.3) of internal power MOSFET of STR-F6655. The voltage flowing in coil D supplies a power for terminal No.4 of trans STR-F6656.

Then, a current flows via R813 and R818 without going through (R809+R817) and (R823+R824). That is, (R809+R817) and (R823+R824) supplies a current only at starting.

3) Specification of STR-F6656

The STR-F6656 is a power MOSFET and control IC built-in Fly-back type of Hybrid IC for switching power.

The feature of this IC is a Quasi-Resonance associated operation IC that the number of parts added to external is small, various protection functions (protection from overcurrent, overvoltage and overheat) are offered and a power loss decreases by lowering an originating frequency at STABD-BY.

Explanation for circuit operation

The detailed specifications of this IC are as follows.

Terminal No.	Symbol	Name	Functions
1	O. C. P./ F. B	Overcurrent/Feedback terminal	Overcurrent detection signal
2	S	Source terminal	MOSFET source
3	D	Drain terminal	MOSFET drain
4	Vin	Power terminal	Control circuit power input
5	GND	Ground terminal	Ground

<Functions of each terminal>

Symbol	Functions
O.V.P	Overvoltage protection circuit built-in
T.S.D	Overheat protection circuit built-in

<Other functions>

Item	Terminal	Symbol	Specifications			Unit	Condition for measuring
			MAX	TYP	MAX		
Operation start power voltage	4 - 5	VIN(ON)	14.4	16	17.6	V	-
Operation stop power voltage	4 - 5	VIN(OFF)	9	10	11	V	
Circuit current at operation	4 - 5	IIN(ON)	-	-	30	mA	
Circuit current at non-operation	4 - 5	IIN(OFF)	-	-	100	μ A	
Maximum OFF time	-	TOFF(MAX)	45	-	55	μ SEC	
Minimum Quasi-Resonance signal input time	1 - 5	Tth(2)	-	-	1.0	μ SEC	μ SEC
Minimum OFF time	-	TOFF(MIN)	-	-	1.5	μ SEC	
OOP/FB terminal threshold voltage	1 - 5	Vth(1)	0.68	0.73	0.78	V	-
OOP/FB terminal threshold voltage 2	1 - 5	Vth(2)	1.3	1.45	1.6	V	-
OOP/FB terminal outflow current	1 - 5	IOCP/FB	1.2	1.35	1.5	mA	
OVP operating power voltage	4 - 5	VIN(OVP)	20.5	22.5	24.5	V	
Latch circuit sustaining current	4 - 5	IIN (H)	-	-	400	μ A	
Latch circuit clearing power voltage	4 - 5	VIN(LA.OFF)	6.6	-	8.4	V	
Overheat protection temp.	-	Tj(TSD)	140	-	-	°C	

< Electrical features of control area:(Ta=25°C), Vin=18V >

ITEM	Terminal	Symbol	Specifications			Unit
			MIN	TYP	MAX	
Voltage via drain-source	1 - 2	VDSS	650	-	-	V
Drain leakage current	1 - 2	IDSS	-	300	μA	
ON resistance	1 - 2	RDS(ON)	-	-	3.90	OHM
Heat resistance	-	θ_{ch-F}	-	-	1.63	C/W
Switching time	1 - 2	Tf	-	-	250	μSEC

<Electrical features of MOSFET(Ta=25°C)>

4) Explanation for operation

When the VIN terminal (Pin No.4) voltage of STR-F6656, which is charged in C815 and C822 via starting resistance (R809+R817) and (R823+R824) at the early starting, reaches 10V, a control circuit in SRT-F6656 starts.

Since the circuit current before 6656 operation is limited to $400\mu\text{A}$ (MAX), a high starting resistance can be used.

Because a sustaining current of latch circuit in 6656 is set to $500\mu\text{A}$ (MAX), this starting resistance needs to be set so that $500\mu\text{A}$ or more current flows though AC input power is the lowest.

Because the time until control circuit in 6656 starts is determined after AC input voltage is input by (R809+R817), (R823+R824) and C815, C822 product, the power start gets slow if C815 and C822 is set too high.

The voltage via a coil D (d1) of trans (T802, T803) is rectified and smoothed after operation of 6656 and a stable voltage is supplied for Vin terminal. For coil D1, approx. 15.5V voltage is rectified and smoothed via R813, R818, D810, D813, C815 and C822 and approx. 15V voltage is supplied for Vin terminal of 6656.

Since VIN (OFF) voltage is set to 10V (TYP) in 6656, the terminal voltage supplied for Vin terminal should not be less than 10V (15V at present). The voltage of coil d1 should be set over operation stop voltage (VIN(OFF)=10V(MAX)) and under OVP operation voltage (VOVP=16V(MIN)) at normal operating state.

5) Protection circuit

5-1) OCP circuit

This is an overcurrent protection circuit of pulse by pulse type that the peak of MOSFET drain current is detected by 1 pulse and the output of oscillator is reversed.

To detect the MOSFET drain current, R810 and R820 are connected between source terminal (Pin No.2) and GND terminal (Pin No.5) of MOSFET and the voltage drop is input to OCP/FB terminal. The threshold voltage of OCP/FB is set to approx. 0.78V for GND.

5-2) Latch circuit

This circuit stops the operation of power circuit, keeping the oscillator output low when the overvoltage protection circuit and overheat protection circuit are operated.

Because the circuit current gets less than $400\mu\text{A}$ when Vin terminal voltage is lower than operation stop voltage (10V), it begins to increase. Because the circuit current increases again when it reaches operation start voltage (16V), it decreases. Therefore, this circuit prevents the Vin terminal voltage from rising, making it goes up and down between 10V and

Explanation for circuit operation

16V.

5-3) Overheat protection circuit

This circuit operates the latch circuit when the frame temps. of hybrid IC goes over 140°C (MIN).

5-4) Overvoltage protection circuit

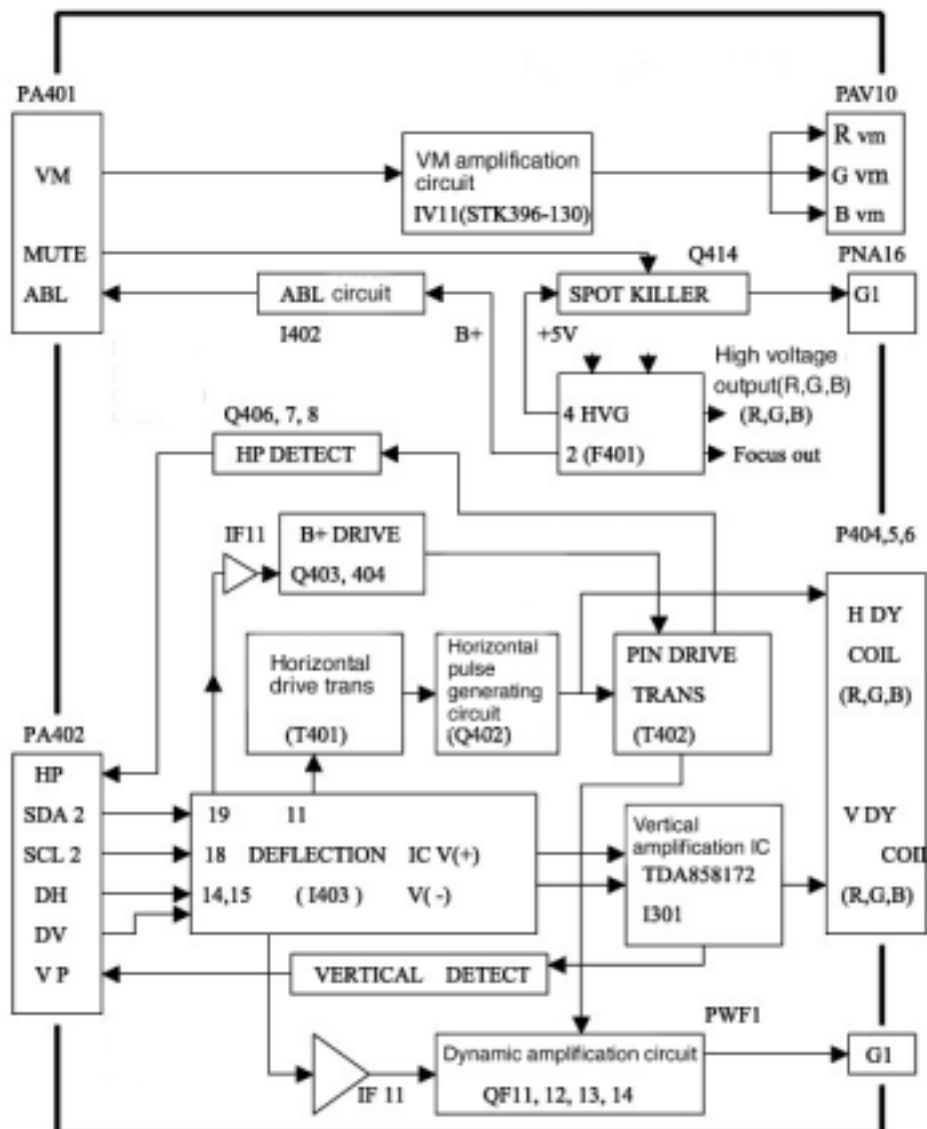
This circuit operates the latch circuit when Vin terminal voltage goes over 22.5V and protects the Vin terminal of control circuit from overvoltage. The normal Vin terminal is supplied from an auxiliary coil of trans and this voltage is proportioned to the output voltage. Thus, this circuit works when the voltage detection circuit is open and the second overvoltage is output.

3. Deflection

3-1 Outline

This deflection PCB is composed of deflecting part to deflect 47", 55" CRT Projection TV and 7" CRT, high voltage generator part, dynamic focus part, ABL part and VM part.

3-2 Block diagram



3-3 Organization of deflecting part

This smoothing part is designed to deflect a 55" CRT Projection TV and correct a screen. The design specifications of this deflecting part are as follows.

- 1) Working frequency: Horizontal frequency (31.45KHz, 33.75KHz). Vertical frequency (60Hz)
- 2) Vertical / Horizontal deflection

This deflection IC used in this deflecting part is TDA4856, the latest HC Control IC of PHILIPS. Co. Ltd. The main functions of this IC are shown below.

- a. All functions concerned with vertical and horizontal deflection can be adjusted by HC control of U-COM.
- b. The geometrical correcting part such as V-S linearity, VC linearity, trapezoid, Side-pin W-S, parallelogram and Side-pin balance are included in the IC.
- c. Twenty built-in D/A converter channels are adjustable respectively.
- d. A vertical S-C correcting circuit is built in.
- e. The amplitude and phase of a horizontal dynamic focus linked with horizontal size can be adjusted.
- f. A vertical dynamic focus circuit linked with vertical size is included.
- g. A horizontal moire canceller circuit is built in.
- h. A Sync On Green circuit is built in.
- i. Vertical / Horizontal size can be controlled.
- j. Vertical /Horizontal position can be controlled.
- k. Vertical /Horizontal Sync of bipolarity can be input.
- l. A vertical blanking generating and video clamp generating circuit are included. (Sand castle output)
- m. A vertical waveform of bipolarity is output.
- n. A horizontal lock detecting circuit is included.
- o. Low jitter

3-4 Explanation for operation

1) Vertical / Horizontal deflection IC circuit part

HD and VD signal supplied via connector PA402 in A/V board is input to H-in (Pin No.15) and V-in (Pin No.14) of deflection IC as Sync. The input Sync goes through an internal Sync processor and is output as H Drive to H-out (Pin No.8).

At this time, the internally processed Sync isn't affected by polarity and for H Sync, a composite signal can be input. For H-OUT, the duty can be selected and controlled to 40, 50, 60% (+/- 3%) by I²C control. Free Run frequency at No Sync can be adjusted by I²C control. Dividing a collector pulse from horizontal deflection, an internal PLL is taken after FBP (Pin No.1) input and the phase is adjusted to horizontal Sync.

In this IC, all geometrical compensating waveforms related to horizontal are output from E/W (Pin No.11), supplied for a horizontal B+ generator in a horizontal drive part, added to a horizontal B+ waveform in the form of parabola and provided for D1 of horizontal output TR (Q402). The horizontal dynamic focus signal from this IC is first amplified via an amplification part (IF 11).

2) Horizontal drive part

This horizontal drive part consists of horizontal B+ supply part and horizontal output part.

2-1) Horizontal B+ supply part

This horizontal B+ supply part cuts off horizontal B+ power by two TRs, using a Darlington circuit. DC voltage supplied for E/W terminal (Pin No. 11) in deflection IC(I403) is input to EW 1st inversion circuit IF11 PIN2 by using EW waveform and then output to PIN1. The amplified EW waveform is output to PIN7 and connected with B+ drive circuit, which is supplied for the Darlington circuit composed of Q403 and Q404 through Q311 connector and C417, R429 horizontal. 135V via D415 and R433 is supplied for Q403, Q404 connector. When 100V is supplied for Q403 base, DC voltage (100V-110V) amplified in Q404 and E/V compensating waveform supply B+ for horizontal output Tr (Q402) by R409 and D405 via pin drive trans T402 and dummy trans T403.

2-2) Horizontal output part

The horizontal output part makes a voltage and current enough for horizontal deflection using a power supplied from horizontal B+ generator and drives H drive trans (T401) after application to Q401. The drive pulse via H drive trans is supplied for the base of horizontal output Tr (Q402) base and operates the horizontal output Tr. When it works, a horizontal output voltage is made by using a horizontal deflection coil and retrace condenser (C407, C408). At this time, the horizontal output voltage is approx. 1000V to 1200V and the retrace time is approx. 4.0 sec. The horizontal output current via the deflection coil is supplied for CS condenser (C409, C410).

3) Vertical drive part

The vertical drive part consists of +12V, -12V positive power, using TDA8172, vertical output IC of SGS-THOMSON Co. Ltd. and performs vertical deflection and vertical-related geometrical correction. The main operations of this vertical drive part are as follows. The vertical waveform and vertical correction signal outputted to the vertical output terminal (PIN12, PIN13) of vertical/horizontal deflection IC (I403) are input to inverted input terminal (I412) of vertical output IC (I412), amplified in the vertical output I, outputted to the output terminal (PIN6) and applied to vertical deflection coil. For the current via the deflection coil, DC-feedback via R311 and AC feedback via C318 are executed.

4) High voltage generating part

The high voltage generating circuit uses a high voltage generator for projection, differently from the conventional FBT method. This HVG has been developed by PHILIPS CO., LTD. and performs the following operations. The HVG module is composed of 10 pins, 3 EHT output holes and 1 focus output hole. Each terminal is displayed below.

- PIN 1 : NC
- PIN 2 : ABL (BEAM CURRENT INFORMATION)
- PIN 3 : GROUND (AUXILIARY VOLTAGE)
- PIN 4 : AUXILIARY VOLTAGE (-220V)
- PIN 5 : NC
- PIN 6 : NC
- PIN 7 : OVP (TEST POINT FOR OVER VOLTAGE PROTECTION)
- PIN 8 : ON/OFF (ON/OFF 5V)
- PIN 9 : GROUND
- PIN10 : VB+ (POWER SUPPLY VOLTAGE)

When B+ 135V is supplied and +5V is applied, approx. 31KV high voltage and 11.6KV focus voltage are generated automatically. If EHT of HVG is outputted more than 35KV, HVG module starts over voltage protection to stop the high voltage.

5) Spot killer components

Approx. -220V voltage made by using HVG high voltage output voltage is supplied from HVG PIN4, rectified and smoothed to D819 and C425 and used as spot killer power. After this power is divided into R448 and R449 normally, a voltage near to -20V via R465 is supplied for CRT board GRID 1 via connector PA13 G1. But, at first AC power ON, the spot killer signal supplied via a connector PA15M in main board is provided for the base of Q412. At AC power OFF, a voltage near to -220V via Q414 is provided for GRID 1 of CRT board via G1 of connector PA16M. As a result, the screen gets dark to prohibit the generation of a spot.

6) Dynamic focus voltage generator

The dynamic focus voltage provides a parabola waveform conforming to CRT spec. (horizontal:1000V, vertical:200V) for CRT to make the focus of 7" CRT optimum. A D/F waveform from 1403 pin32 is amplified approx. 100 times in an amplifying circuit composed of OP AMP and a parabola waveform is amplified approx. 1000Vp-p in an amplifying circuit composed of QF11, 12, 13. Then, they are input to QF14 base. The horizontal waveform of 1300Vp-p left in T402 terminal No.16 is rectified and smoothed to DF13, 12, RF17, CF11, 12 and supplied for QF14 collector as B+ for dynamic focus.

7) ABL input part

The ABL current supplied from main board via the ABCL terminal of a connector PA401 flows in via FBT PIN2. Then, the current amount is detected, the BCL circuit is operated in the main board and the maximum current amount is controlled. If a beam current begins to flow about 1.5mA, the ABL circuit will work and if about 1.8mA, the ABL feedback circuit will work. Therefore, be careful not to be more than 1.8mA.

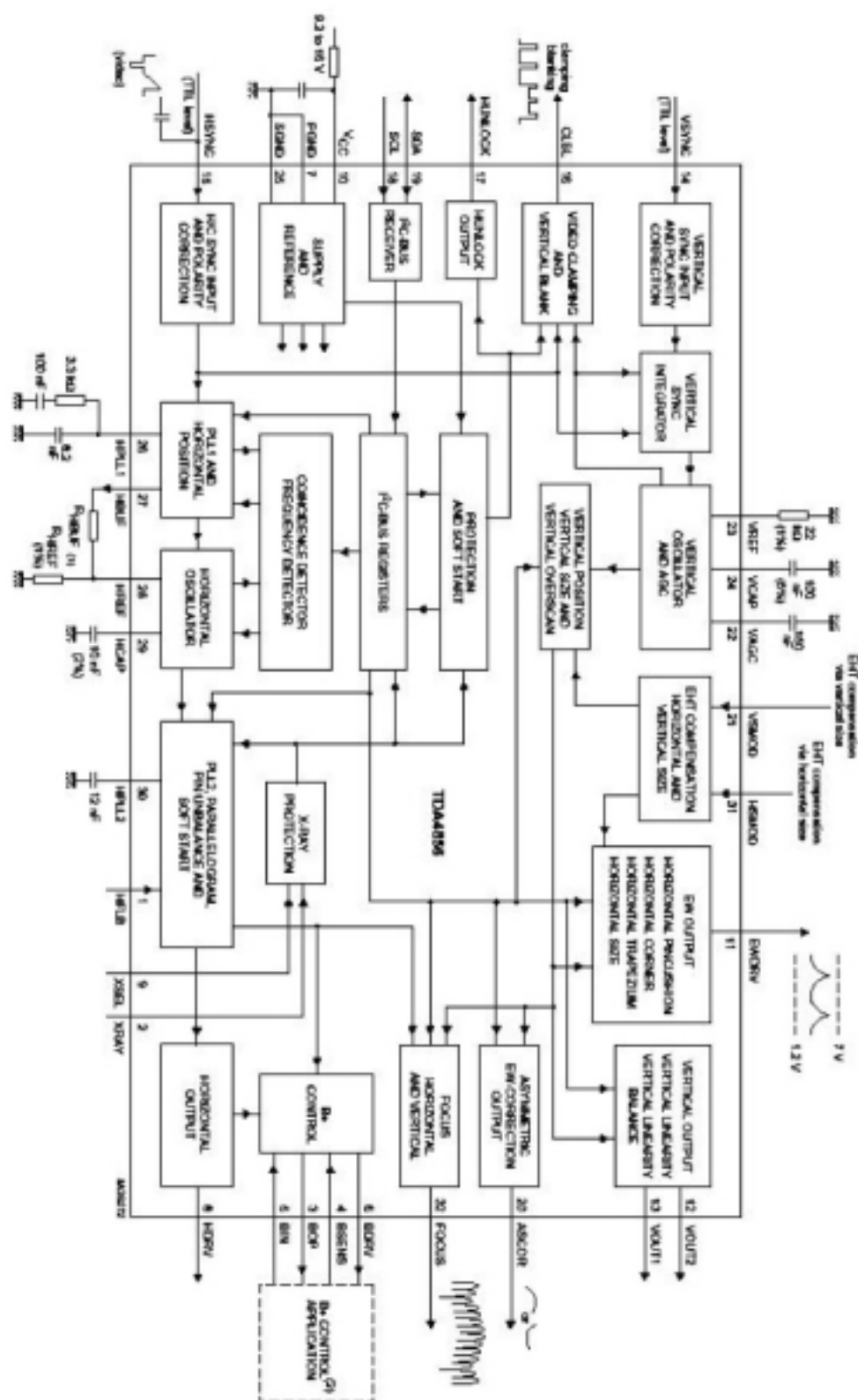
8) VM (Velocity Modulation) outline correction part

The outline correction circuit is operated in exclusive correction IC, IV11 (STK396-130). The VM waveform made in the main PCB is input to the deflection PCB PA401 PIN1. The input 1Vp-p signal is input to IV11 PIN1. The input signal is amplified about 100 to 120Vp and output to IV11 PIN9. Then, it is input to IV11 PIN10 via the circuit composed of VM coil PV11, 12, 13. The power of +12V and +135V GND are used.

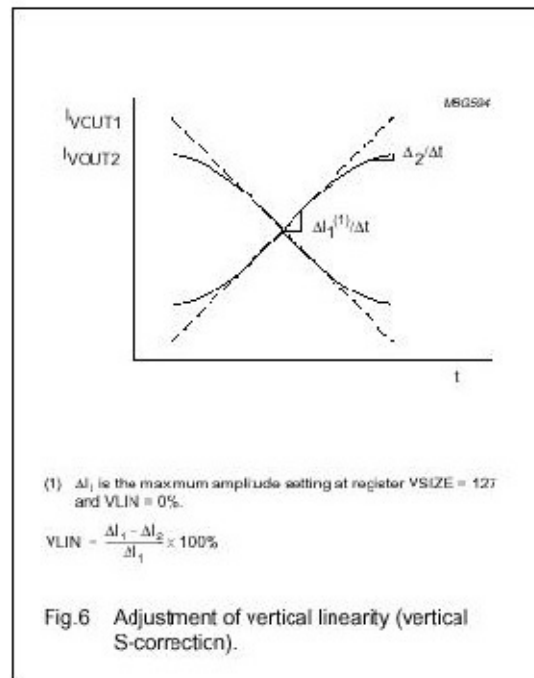
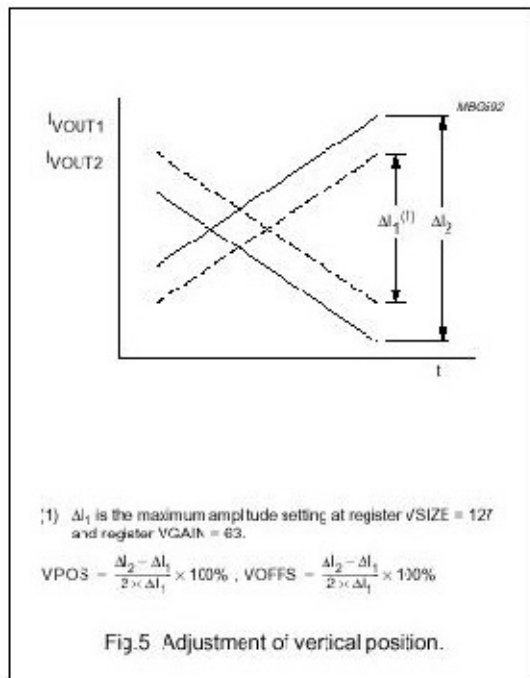
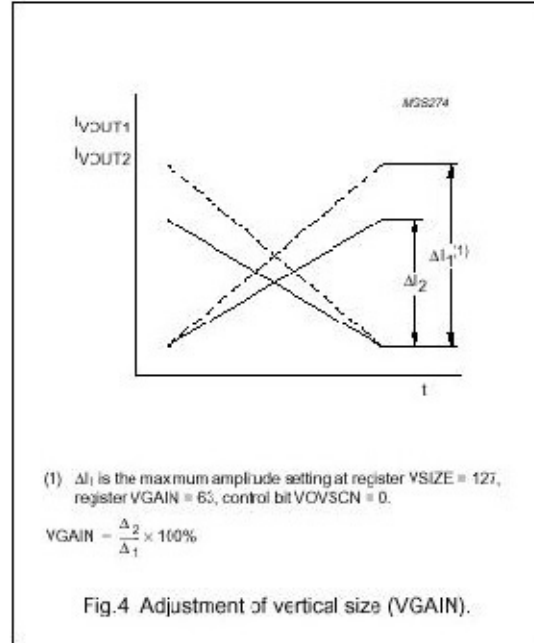
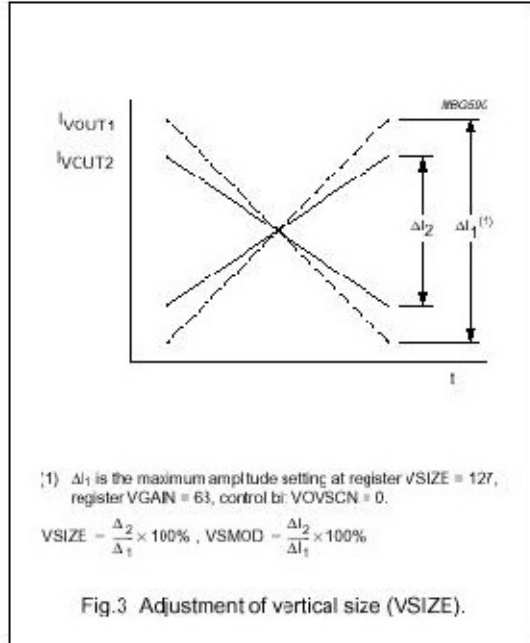
Explanation for circuit operation

Explanation for circuit operation

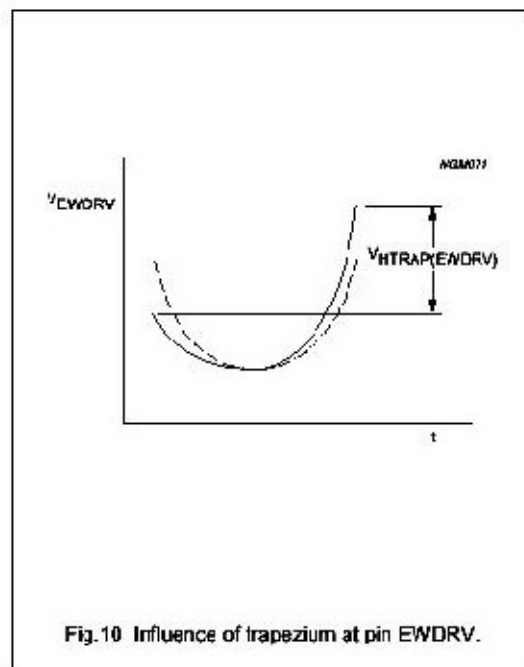
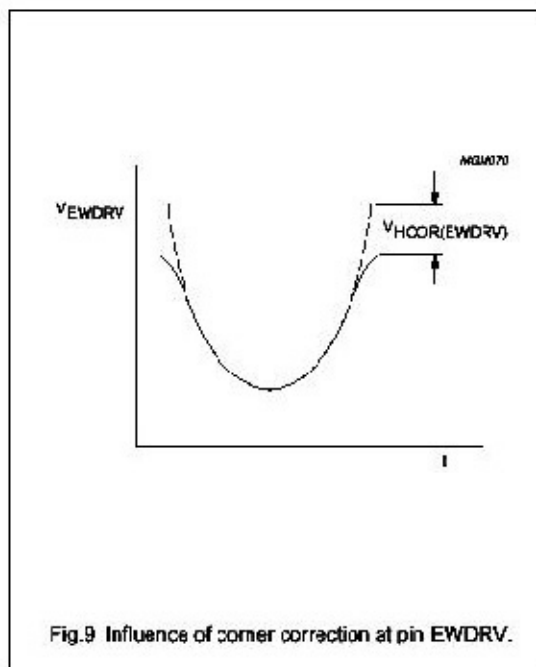
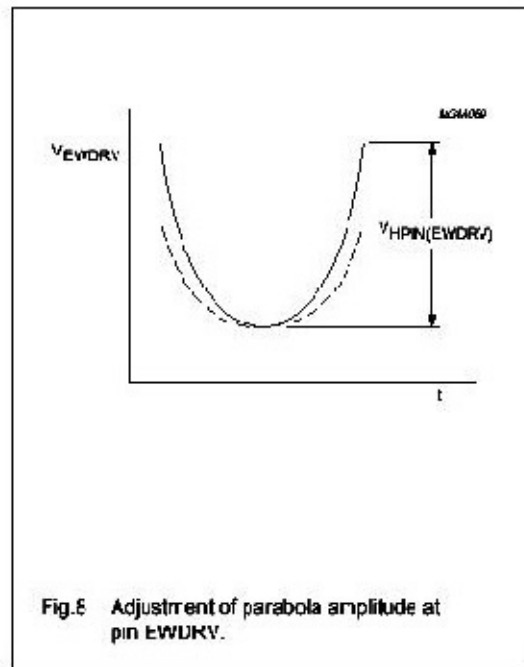
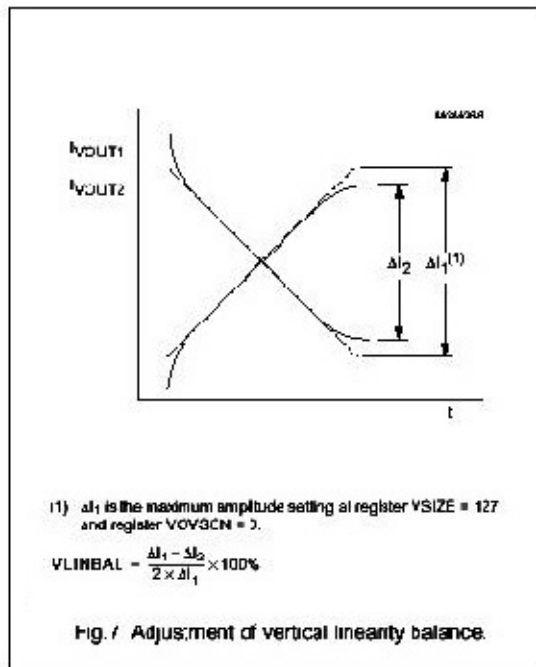
- (1) For the calculation of f_H range see Section "Calculation of line frequency range".
 (2) See Figs 22 and 23.



Block diagram and application circuit



Vertical and EW adjustments



Vertical and EW adjustments

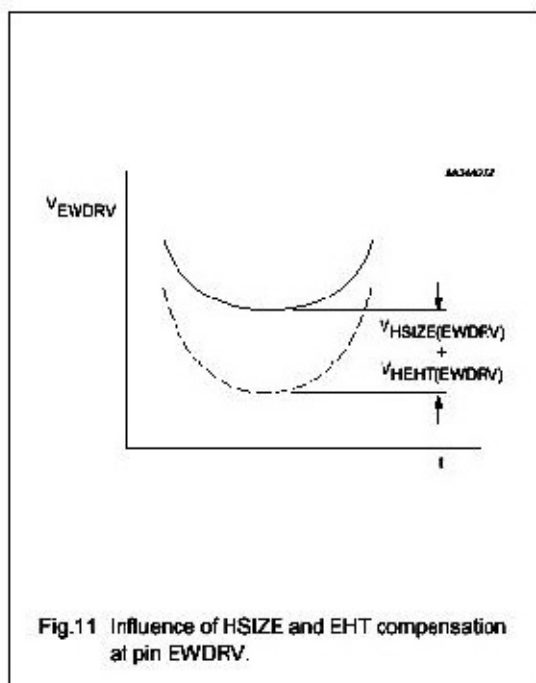


Fig.11 Influence of HSIZE and EHT compensation at pin EWDRV.

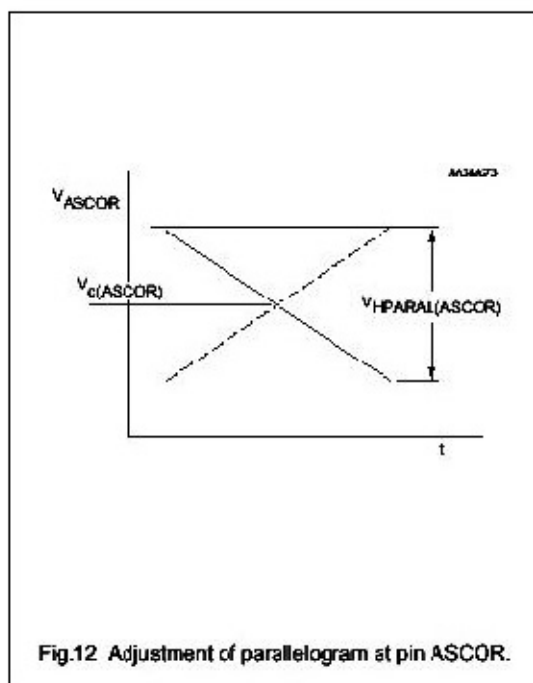


Fig.12 Adjustment of parallelogram at pin ASCOR.

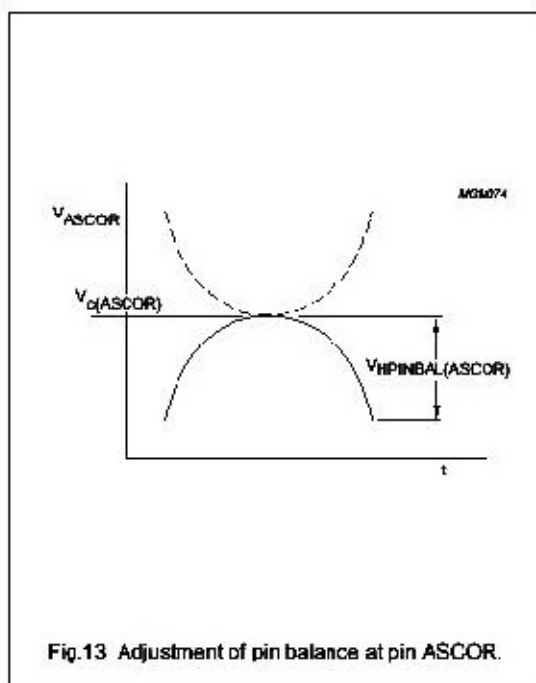
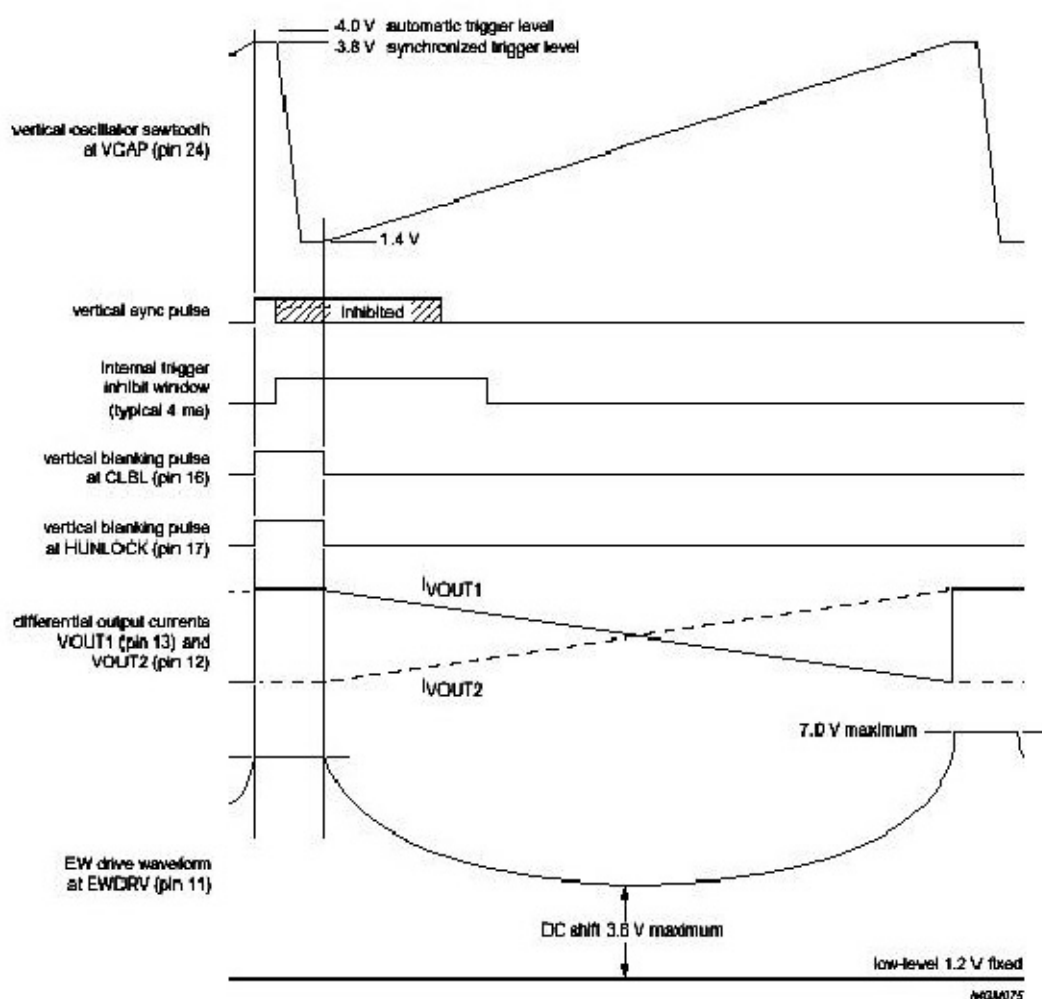


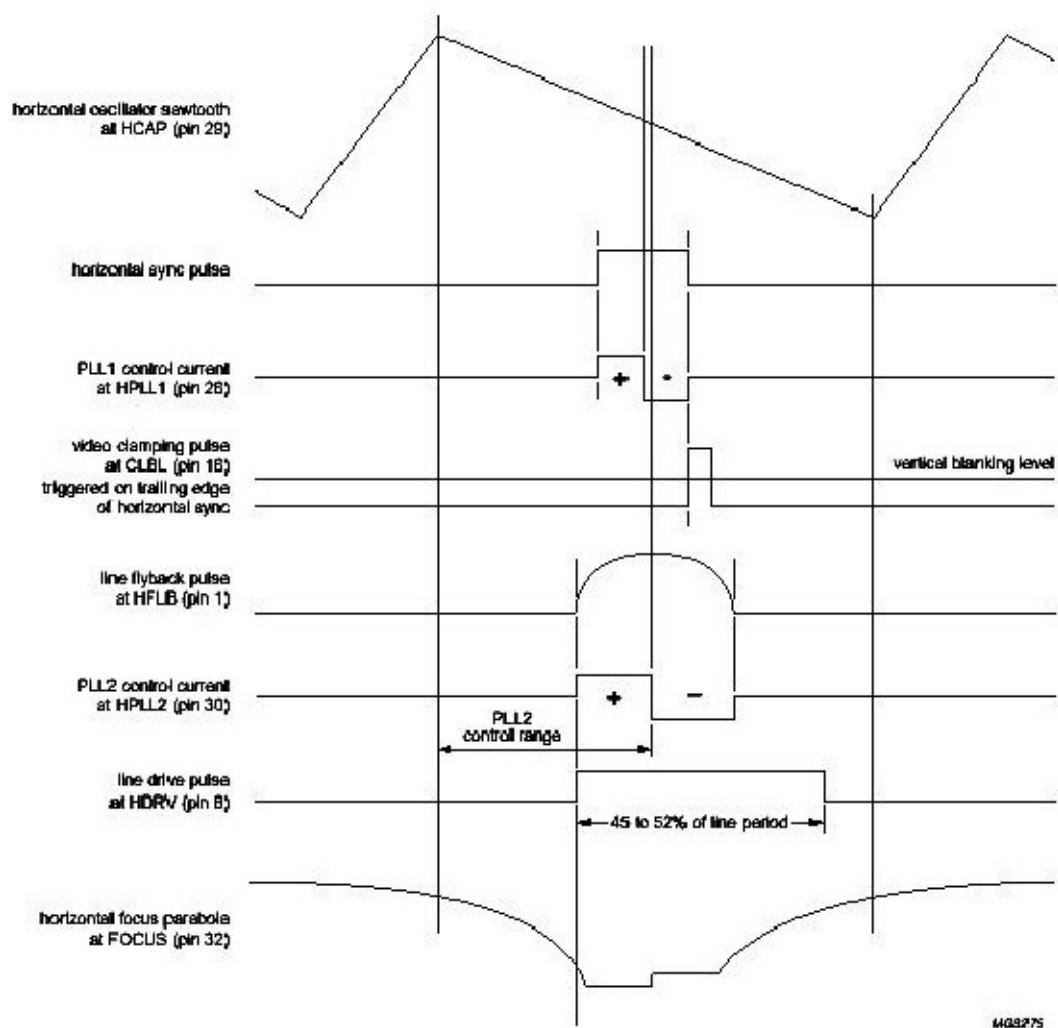
Fig.13 Adjustment of pin balance at pin ASCOR.

Vrtical and EW adjustments

Explanation for circuit operation



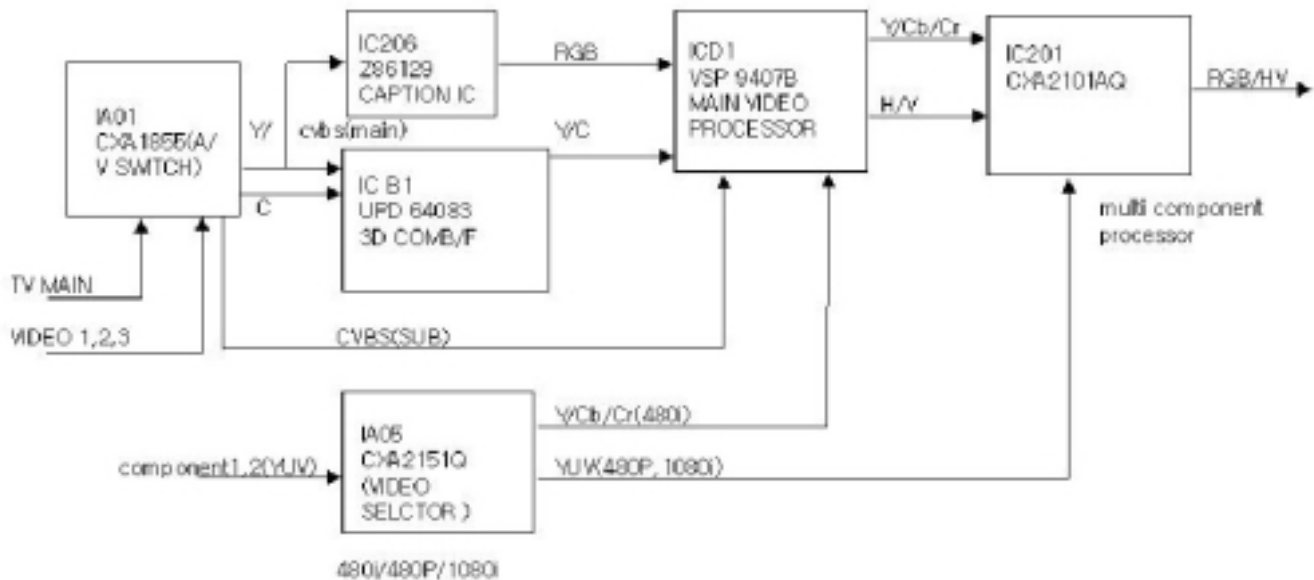
Pulse diagram for vertical part



Pulse diagram for vertical part

4. Video signal process

4-1. Block Diagram



4-2. Video processor

- This part switches and processes DTV input, DVD input, external video signal and TV signal.

1) Signal input/output

The signal input is composed of 2 pairs of NTSC TV signals (2 tuners), 3 pairs of NTSC external inputs (Video, S-VHS 3 pairs respectively), 2 pairs of component inputs and 1 pair of monitor outputs.

2) Video input switching

- 2 pairs of NTSC TV signals and 3 pairs of NTSC external input from the main tuner (TU701) and sub tuner (TU702) is switching in a IA01 AV switch and 2 pairs of component input is switching in a IA05 video selector.
- CXA1855Q outputs 4 pairs as switching IC with 5 pairs input and CXA2151Q outputs a YCbCr signal by 4 pairs input. The output signal is amplified 6dB.
- CVBS (Main) and Y, C signal from QXA1855Q are input to 3D Comb-filter (ICB1), 480i format between CVBS (Sub) and IA05 output is input to ICD1 and 480P and 1080i signal of IA05 are input to IC201.
- ICB1 performs Y, C division and YCNR (YC Noise Reduction) function, equipped with internal AD converter and 4M bit frame delay memory as a three-dimensional Y, C divided IC.
- Y/C signal from ICB1, caption data decoded in caption IC (IC206) and 480i signal of IA05 are input to the main video processor IC, VSP9407B (ICD1).

- When PIP function is executed in 'different application mode' signal processing VSP9407B, the video signal corresponding to a sub screen (Sub CVBS from TU702) is input.
- VSP9407B performs a scan rate conversion of main video signal and sub video signal from 480I to 480P, overlaps the main video and sub video to convert to PIP screen and outputs them to IC201 (CXA2101Q) in YcbCr-H-V format. And, a multi component processor, IC210 performs a final switching for YcbCr-H-V signal of VSP9407B and YUV (480P, 1080I) signal from IA05.

3) Video signal processing

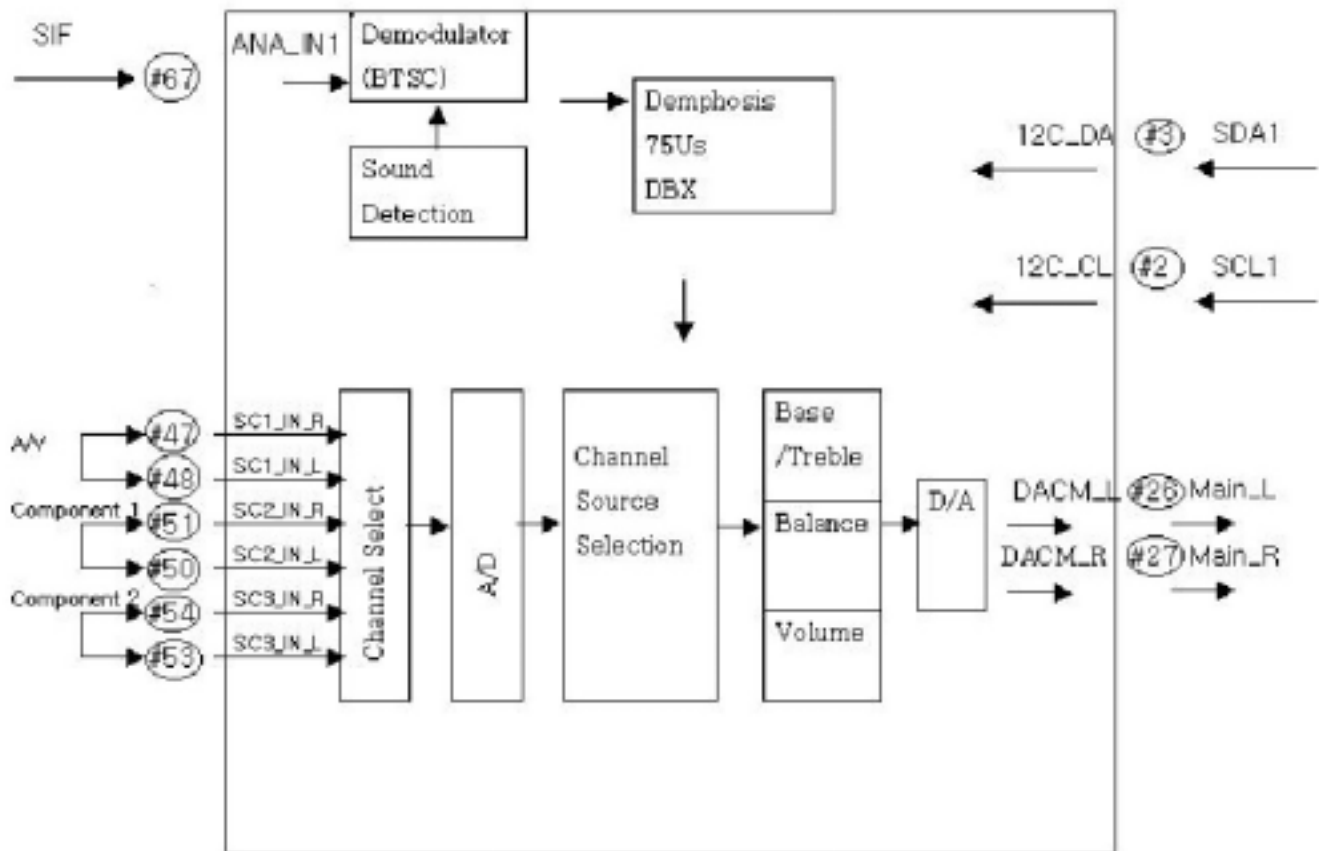
- CXA2101 IC can switch OSD by 4 pairs of YUV input and RGB OSD input and react two kinds of color difference signals of NTSC (YUV) and HD (YpbPr) by YUV to RGB matrix switch function. It can also control ABL/ACL gain and start level by contrast, brightness, sharpness, color, tint (Hue) control function and ABL/ACL input terminal. And, it performs black/white gradation correction and has a voltage input terminal for DC play ratio control.
- CXA2101 performs LTI (Luminance Signal Edge Enhancement Setting) and CTI (Color Difference Signal Edge Enhancement Setting), and generates a signal for VM.
- CXA2101 (IC201) performs a final signal processing after switching YCbCr (480P) signal from VSP9407B and YUV (480P, 1080I) from CXA2151 and outputs the RGB signal controlled by user control to CRT drive part after mixing it with OSD signal.

5. Sound

5-1 Switching part

- For NTSC TV input, SIF signal from main tuner is input to IC602 (MSP3421) PIN67, and 3 pairs of external inputs, audio signals are switched in IA01, output to #32 (R), #33(L) and input to IC601 #47 (Main L), #48 (Main R).
- For audio signals of component 1,2 (DTV, DVD compatible) input, component 1 is input to #50 (L), #51 (R) and component 2 is input to #53(L), #54(R).

5-2. Sound Processing



<MSP 3421 BLOCK diagram>

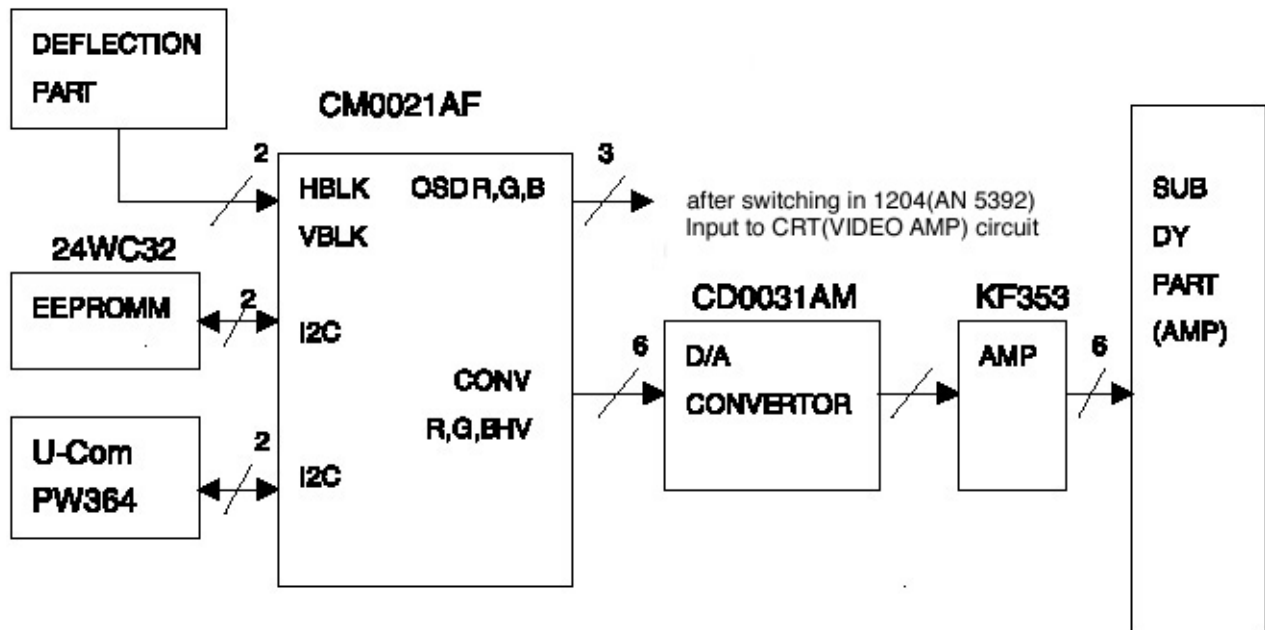
- As shown above, the MSP4321 outputs the main L/R to PIN27, 28 after switching NTSC S/F external input L/R and component 1,2 (DTV, DVD compatible) L/R signals. The main functions of the MSP3421 are volume control, equalizing and balancing. The SIF signal that is input to #67 goes through AGC, A/D, demodulation and demphasis block. The audio signal detected by FM is demodulated and output.
- For sound output, the main L/R that is output from IC601 PIN27, 28 is input to 1601 (FDA7265) AMP PIN7, 11 and the sound is amplified from FDA7265 and connected with L/R speaker.

6. Convergence part

6-1. Outline

This convergence supplies a constant waveform for R, G, B SUB-DY to evenly show R, G, B screen of 55" CRT Projection TV.

6-2. Block Diagram



6-3. Composition

1) CM0021AF

As a digital convergence IC, this inputs HBLK and VBLK, adjusts a register in IC, makes and supplies a digital convergence waveform of RH, GH, BH, RV, GV and BV. It also has Save U-Com function and controls EEPROM (I503: 24WC32) which stores the convergence control data by the order of Master U-Com.

The main features of this IC are as follows.

1-1) Feature

- Multiscan : NTSC/PAL/HDTV, Progressive/Interlace
- 6ch/16bits Digital Outputs for Convergence Correction
- 2ch Analog Outputs for Dynamic Focus
- Test Pattern Generator for Convergence
- 2-Port IIC Interface for EEPROM and U-COM

1-2) Data Capacity

- 504 words : Fine Adjustment
 - 33 words : Coarse Adjustment
 - 9 words : Dynamic Focus
- 582 Words in Total

2) CD0031AM

This converts the digital convergence waveform to analog waveform as a 6-channel, 16 bit D/A converter IC for digital convergence.

The features of this IC are as follows.

- High Sampling Rate Operation : 1MHz
- Differential Non-Linearity Error : +/- 1 LSB
- => Operate on 1H to Over 3H Application
- Center Voltage Output
- => Same Electrical Characteristics of Center Voltage Output and RH, GH, BH, RV, GV, BV's Zero Cord Outputs
- Mute Function

3) Others

3-1) KF353

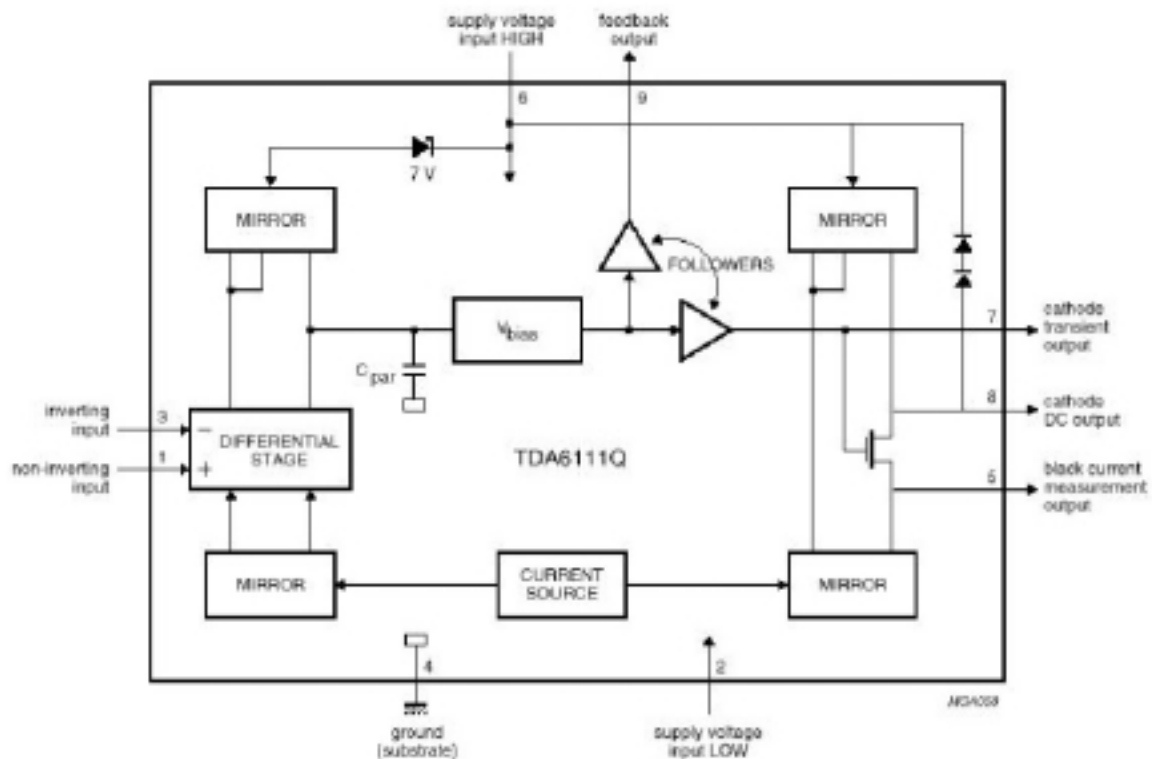
This is used as a level shift and low pass filter (1506-1511) of RH, GH, BH, RV, GV and BV.

3-2) STK392-020 (1940, 1905)

This uses a 3 channel AMP to apply RH, GH, BH, RV, GV and BV via level shift and low pass filter (1506-1511) to a Sub-DY coil.

7. CRT AMP

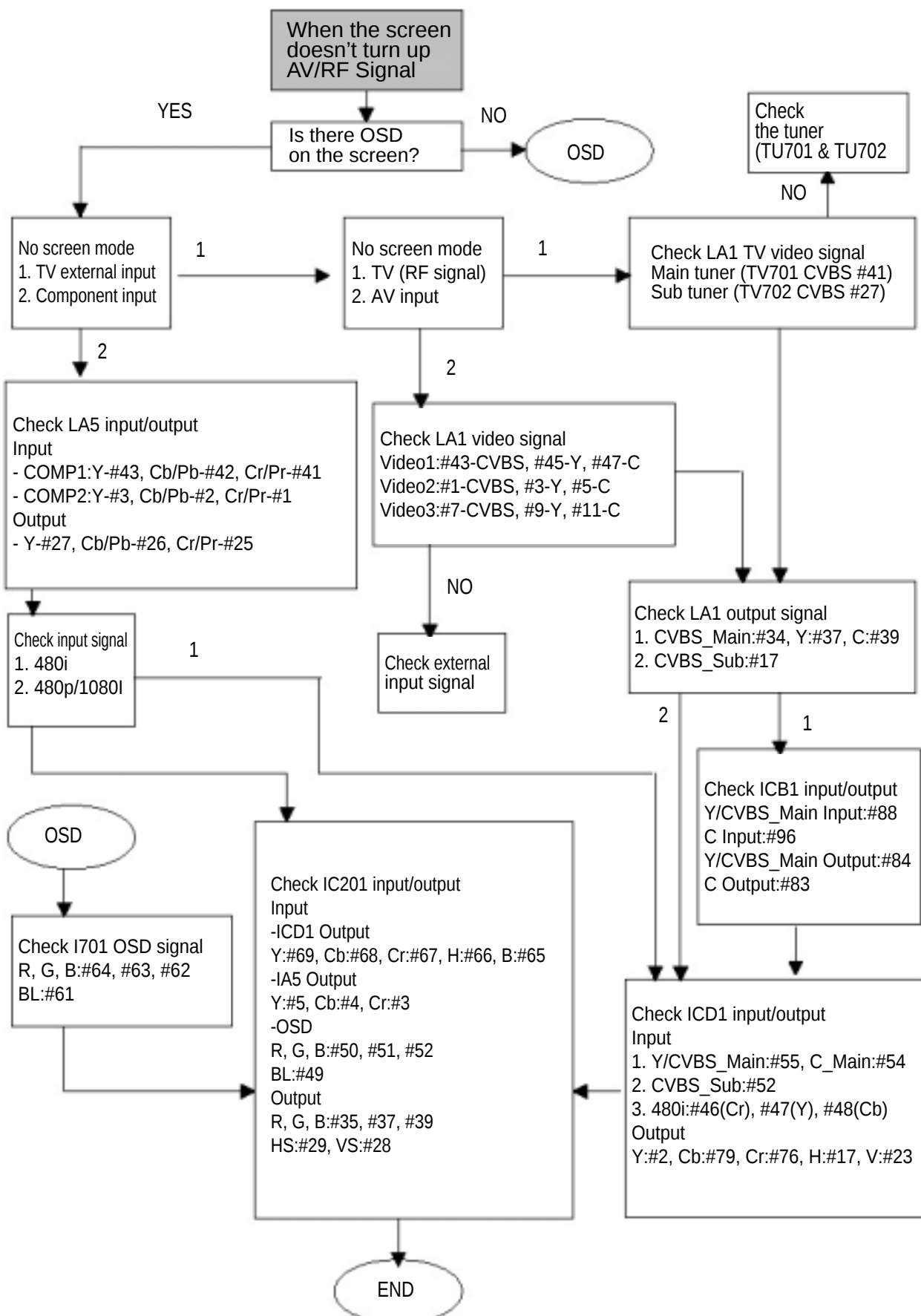
The video signal that is first amplified in PGB processor is input to video AMP in approx. 3.5Vp-p level. TDA111Q used as a video AMP is a 13Mhz band AMP which outputs a video near to Vdd according to gain control voltage when Vdd is 200V. The following figure shows the internal block diagram of TDA6111Q.

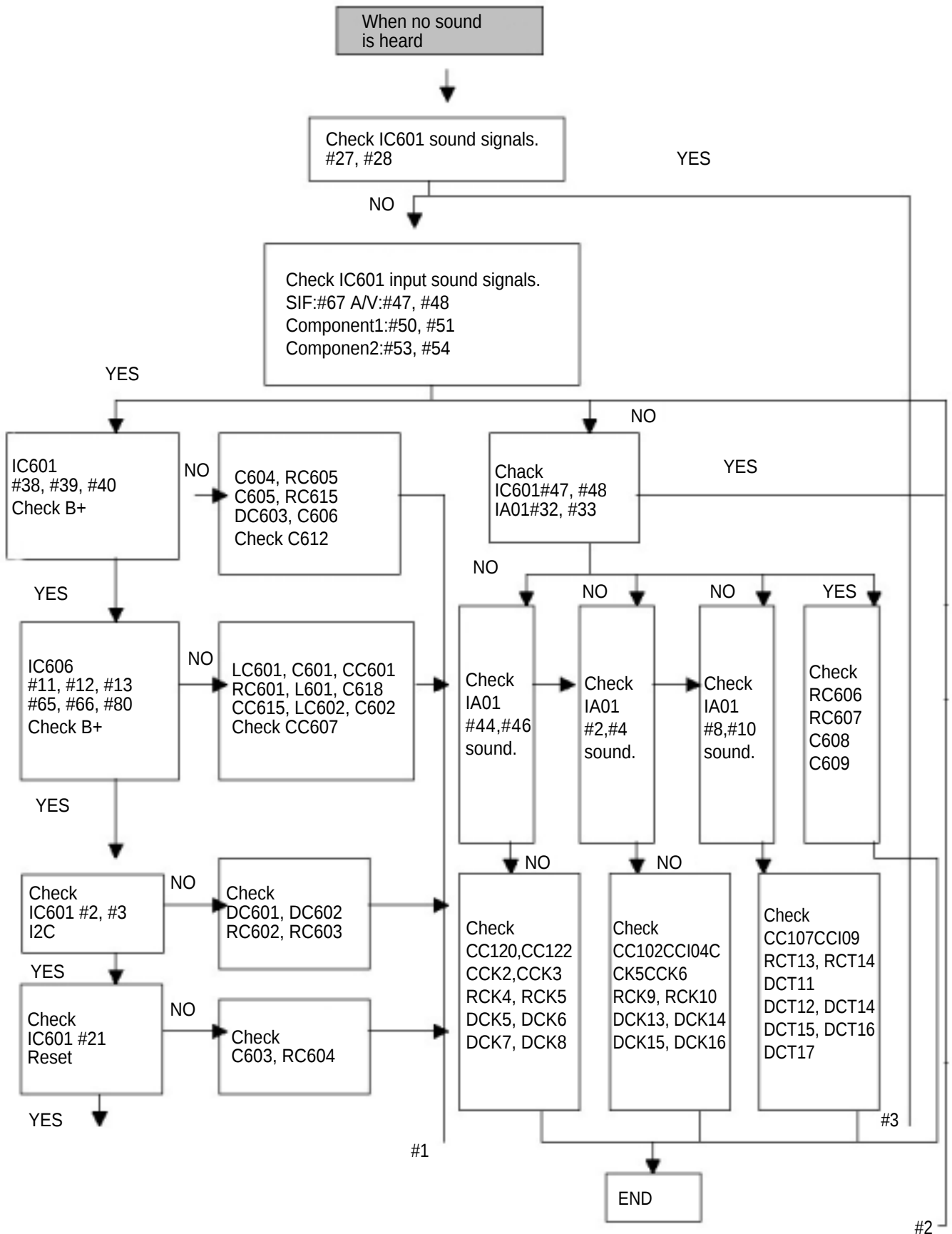


Block diagram of TDA6111Q

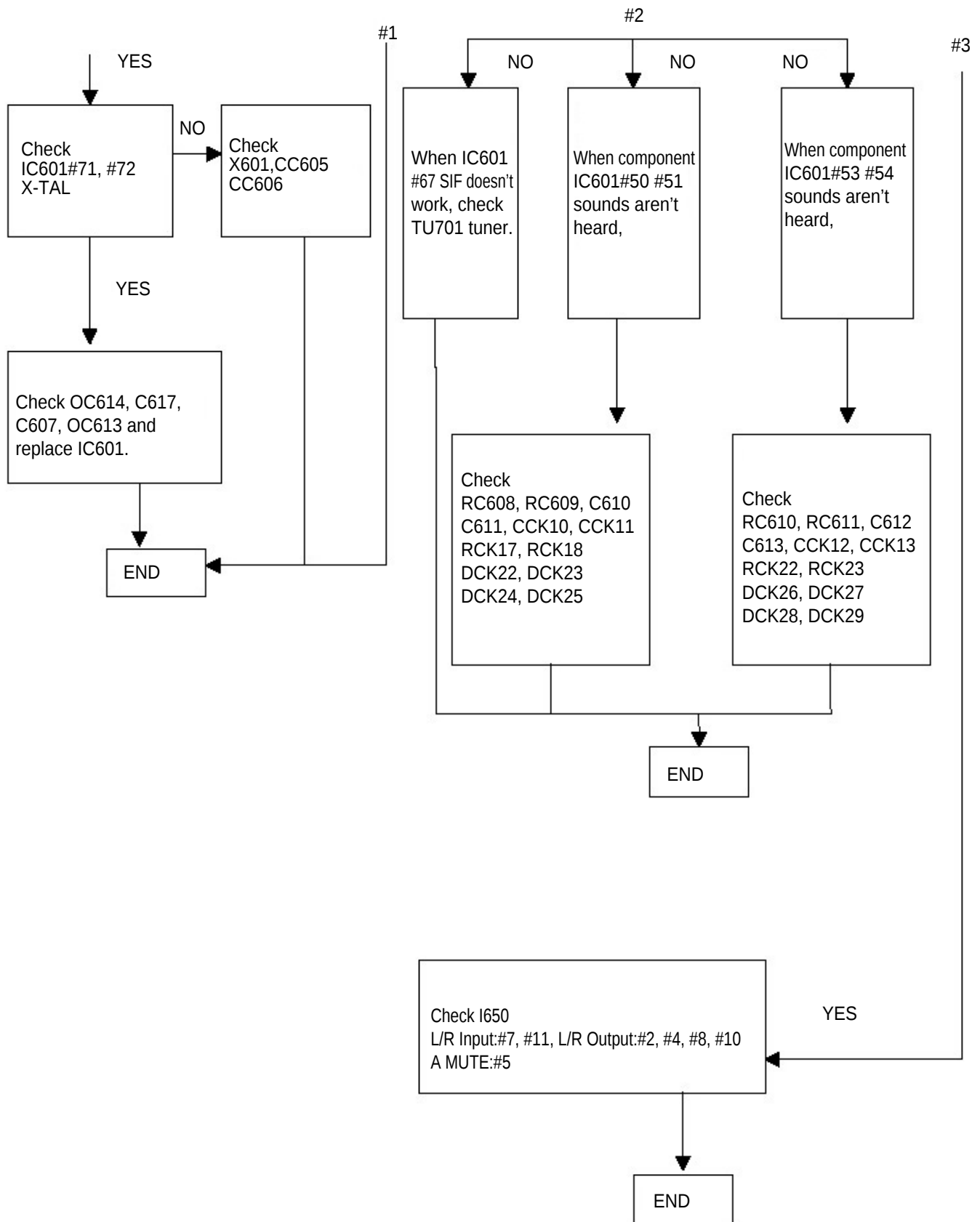
There are two cathode outputs and a independent feedback output. Low input (Vdd) is 12V and high input (Vddh) is 200V. A peaking circuit is designed in Amp IC input and output part for high band compensation. The entire output gain is about 34db.

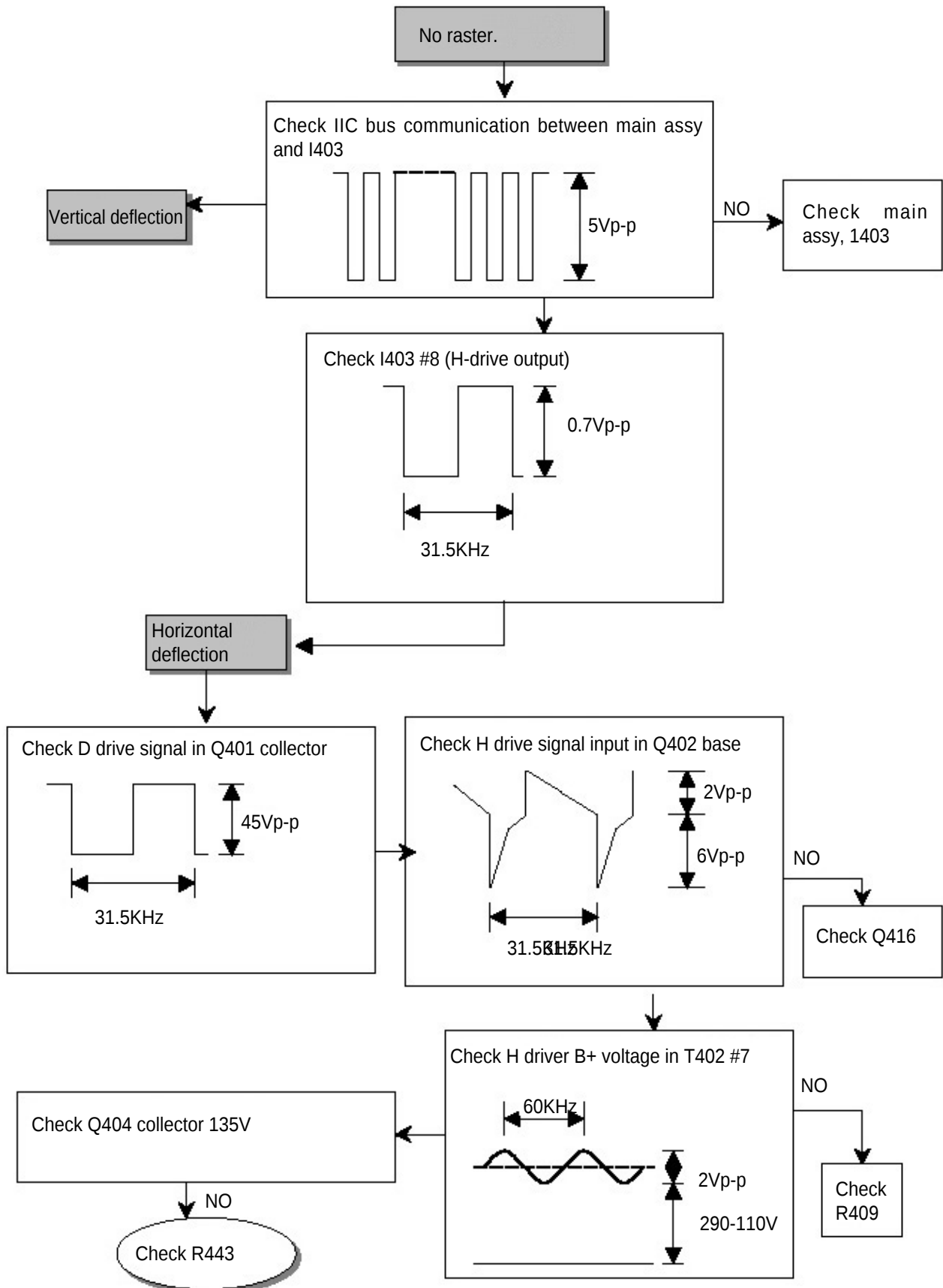
6. TROUBLE SHOOTING



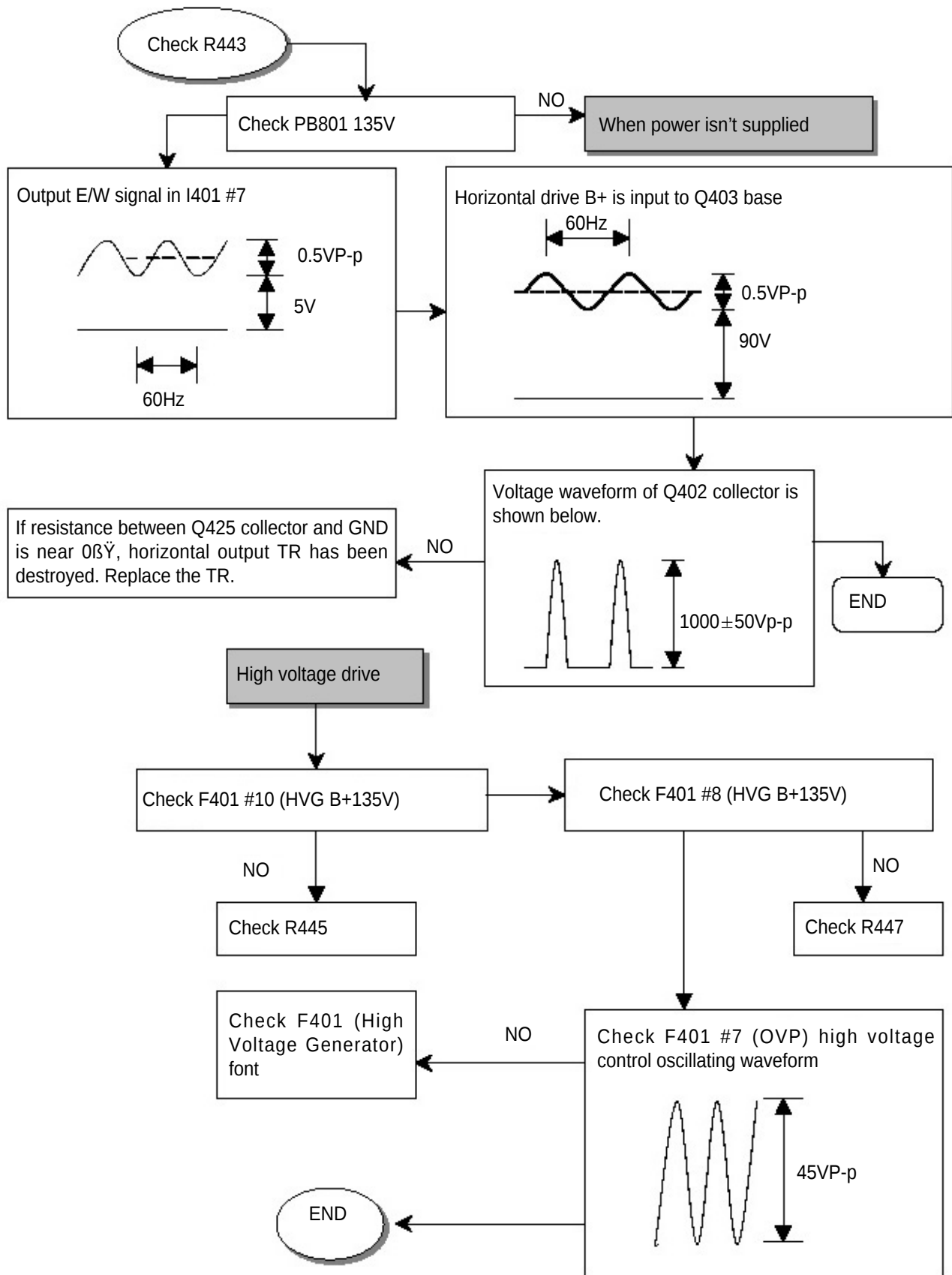


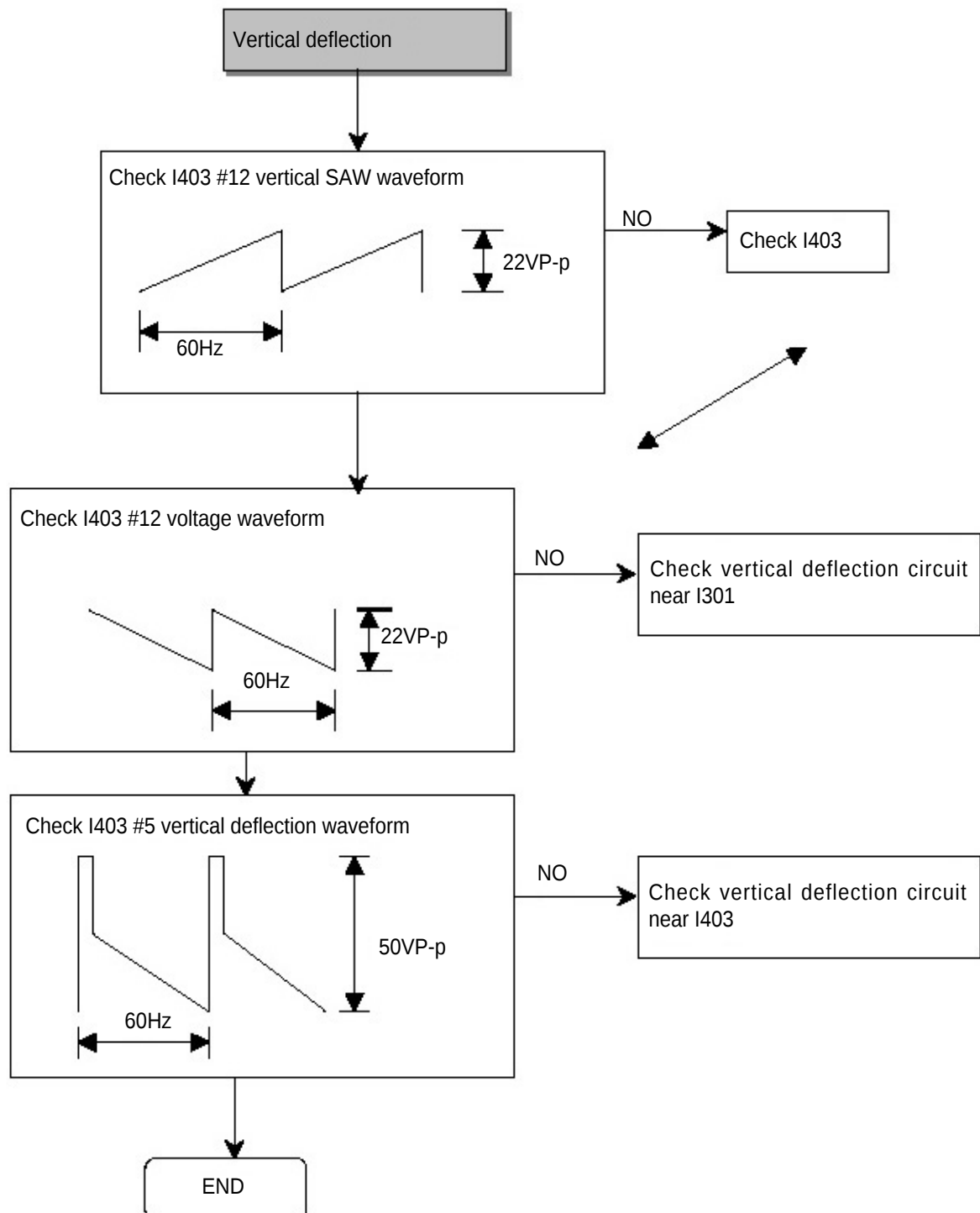
TROUBLE SHOOTING

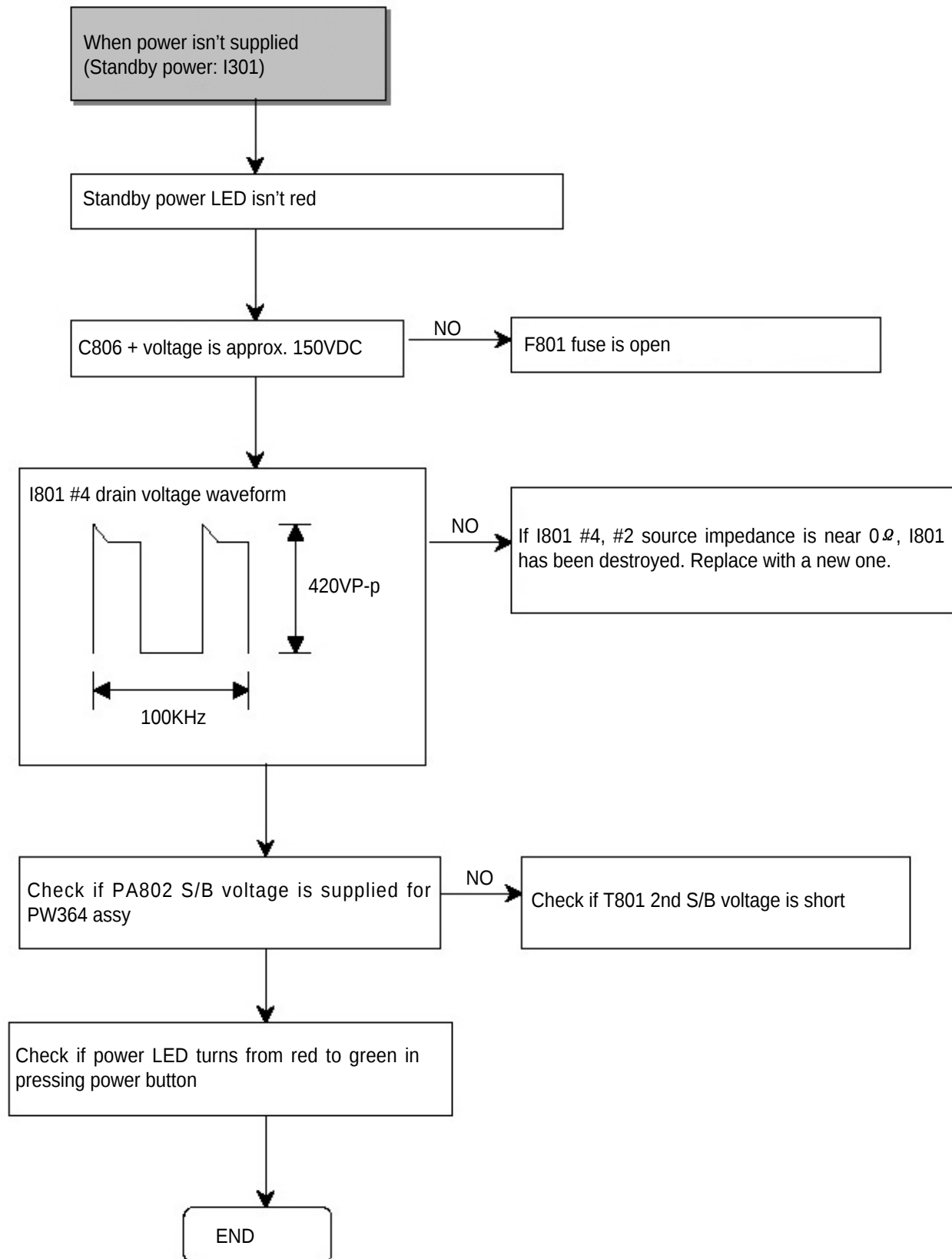


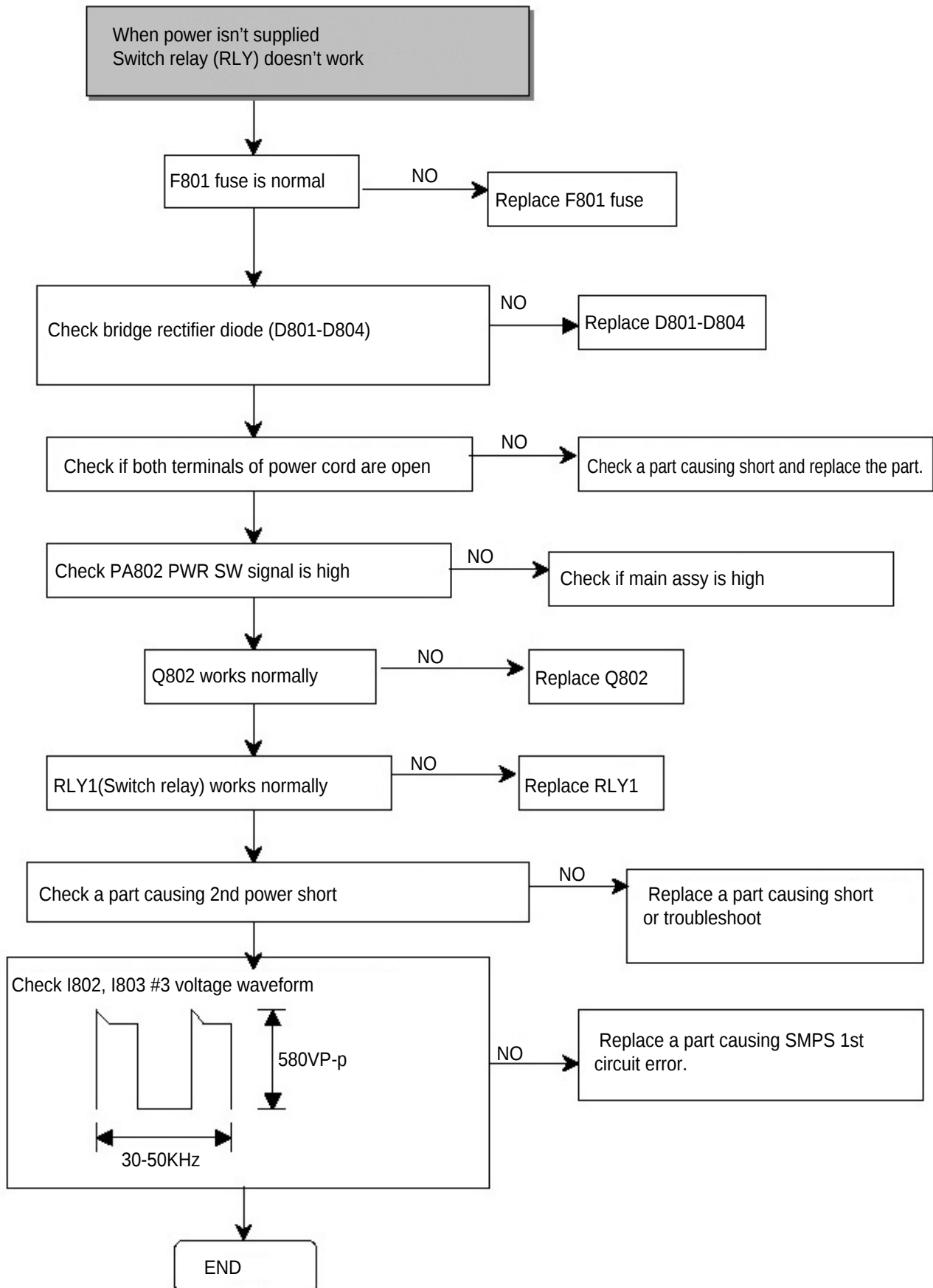


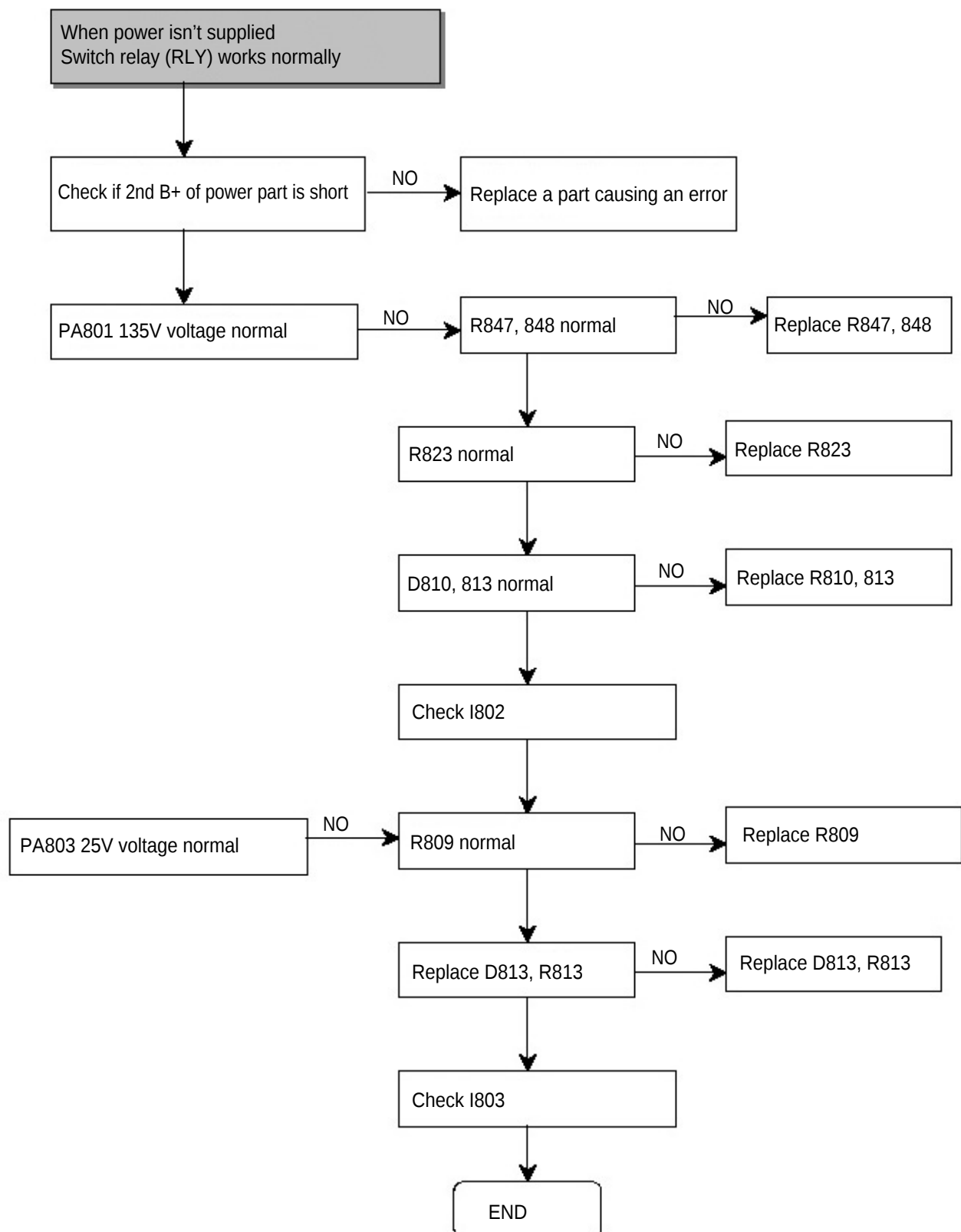
TROUBLE SHOOTING











7. SERVICE PARTS LIST

z_loc	z_parts_code	parts_name	parts_descr	remark	z_loc	z_parts_code	parts_name	parts_descr	remark
ZZ100	48B5552D04	TRANSMITTER REMOCON	R-52D04 (AAA)		M215	4952102700	BRKT SCREEN S	SECC 1.2T	
ZZ110	PTACPWG018	ACCESSORY AS	DSJ-5510CRK		M215A	7178301211	SCREW TAPTITE	TT2 WAS 3X12 MFZN	
M103	4850Q01210	BATTERY	LR03 AAA ALKALINE		M261	4952600100	HANDLE CABINET	HIPS	
M104	4959000160	CABLE RCA PLUG AS	RCA*3W/2=3000		M301A	7172401412	SCREW TAPTITE	TT2 TRS 4X14 MFZN BK	
M105	4959000960	CABLE RF	NTSC 1.2M (DS)		M301B	7172401412	SCREW TAPTITE	TT2 TRS 4X14 MFZN BK	
M351	4853535900	HOLDER	ABS BK		M301C	4956000600	SCREW WOOD	WAS 4X20 MFZN BK	
M681	4856818710	CLAMP	NYLON 6/6		M302	4953000702	COVER SIDE L	FR HIPS GY	
M681A	7172402012	SCREW TAPTITE	TT2 TRS 4X20 MFZN BK		M302A	4956000600	SCREW WOOD	WAS 4X20 MFZN BK	
M821	4858219401	BAG INSTRUCTION	L.D.P.E T0.05X280X470		M302B	7172401412	SCREW TAPTITE	TT2 TRS 4X14 MFZN BK	
M861	48586112E1	MANUAL INSTRUCTION	ENGLISH		M303	4953000802	COVER SIDE R	FR HIPS GY	
ZZ120	PTBCSHG003	COVER BACK AS	DSJ-5510CRA		M303A	4956000600	SCREW WOOD	WAS 4X20 MFZN BK	
M211	4952102900	BRKT MIRROR T	SECC 1.6T		M304A	7172401612	SCREW TAPTITE	TT2 TRS 4X16 MFZN BK	
M211A	7172401412	SCREW TAPTITE	TT2 TRS 4X14 MFZN BK		M305	4953000602	COVER REAR	FR HIPS GY	
M212	4953902600	BRKT MIRROR B	SECC 1.6T		M305A	7172401612	SCREW TAPTITE	TT2 TRS 4X16 MFZN BK	
M212A	7172401412	SCREW TAPTITE	TT2 TRS 4X14 MFZN BK		M305B	7172401612	SCREW TAPTITE	TT2 TRS 4X16 MFZN BK	
M301	4953000402	COVER BACK	FR HIPS GY		M305C	4956000600	SCREW WOOD	WAS 4X20 MFZN BK	
M311	4953100400	CUSHION MIRROR T	RUBBER		M306	4953002800	COVER FRANT	MDF T3	
M312	4953100500	CUSHION MIRROR B	RUBBER		M306A	4956000600	SCREW WOOD	WAS 4X20 MFZN BK	
M794	4857905500	MIRROR	1ST(1084X744X596X30X3T)		M307	4953002900	COVER BEAM	MDF T4.5	
M794A	4851C01800	FRAME	AL 15X10X610		M352	4853535600	HOLDER CORD	NYLON 66	
M794B	2224050028	BOND SILICON	LDC7091 TUBE		M381A	4956000600	SCREW WOOD	WAS 4X20 MFZN BK	
ZZ130	PTPKCPG018	PACKING AS	DSJ-5510CRK		M382B	4956000600	SCREW WOOD	WAS 4X20 MFZN BK	
M651	6520010200	STAPLE PIN	MANUAL W35xH18		M383B	4956000600	SCREW WOOD	WAS 4X20 MFZN BK	
M791	4857934501	BAND	EGI T0.5 L=100		M392	4953903000	BRKT WOOD S	SECC 1.6T	
M801	4958003200	BOX CARTON	DW-4		M392A	4956000600	SCREW WOOD	WAS 4X20 MFZN BK	
M811	4958102700	PAD	EPS		M491A	4956000600	SCREW WOOD	WAS 4X20 MFZN BK	
M821	4958200601	BAG P.E	FOAM T0.5X1900X1550		M501A	4956000600	SCREW WOOD	WAS 4X20 MFZN BK	
M822	4958200900	SHEET P.E	FOAM T0.5X1900X1000		M541	4955400100	SPEC PLATE	P.E FILM 91.5X63	
M842	4958400400	PALLET	1530X745X113		M581	4855800016	LABEL WARNING	ART 300 92X20	
ZZ140	PTCACAG003	CABINET AS	DSJ-5510CRA		M791	4957904000	SCREEN AS	DNP BS SC 1234 X 713	
B0010	2224050028	BOND SILICON	LDC7091 TUBE		M793	4857905100	SCREEN PROTECT	LN-099(1072X614X2.0)	
F351B	4956000700	SCREW WOOD	4X14 MFZN BK		P801	4850709S09	CONNECTOR	YH025-09+YH025-09+ULW=600	
M1B1	4851B00100	ENGINE AS	DSJ-5510CRA		P802	4850711S02	CONNECTOR	YH025-11+YT250+ULW=700	
M1B1A	7178301212	SCREW TAPTITE	TT2 WAS 3X12 MFZN BK		P803	4850710S04	CONNECTOR	YH025-10+YH025-10+ULW=800	
M1B1B	4956000300	SCREW SPECIAL	M6		S602	4958300710	SPEAKER SYSTEM	SS-130F01	
M213	4952102500	BRKT SCREEN T	SECC 1.2T		S602A	4956000700	SCREW WOOD	4X14 MFZN BK	
M213A	7178301211	SCREW TAPTITE	TT2 WAS 3X12 MFZN		ZZ200	PTFMSJG003	MASK FRONT AS	DSJ-5510CRA	
M214	4952102600	BRKT SCREEN B	SECC 1.2T		M491	4954901702	MASK FRONT	FR HIPS GY	
M214A	7178301211	SCREW TAPTITE	TT2 WAS 3X12 MFZN		M491A	2TQR0503CL	TAPE PROTECTOR	T0.05XW30X50M CL	

Service part list

z_loc	z_parts_code	parts_name	parts_descr	remark	z_loc	z_parts_code	parts_name	parts_descr	remark
M491B	4857941200	PROTECT RUBBER	SILICON RUBBER		M491	4854958007	BUTTON CH	ABS GY SPRAY	
M561	4855624200	MARK BRAND	AL T1.0 DIA-CUTTING		M491A	7178301011	SCREW TAPPTITE	TT2 WAS 3X10 MFZN	
ZZ210	PTGPGWG003	ENGINE AS	DSJ-5510CRA		M501	4955000402	PANEL CTRL	FR HIPS GY	
M961	4859600970	COLOR PROJECTION TUBE	P16QDU11RJA (P)		M501B	4856716000	SPRING	SWPA PIE0.5	
M962	4859601070	COLOR PROJECTION TUBE	P16QDU11GHA (P)		ZZ260	PTC0SWG003	COVER SPEAKER AS	DSJ-5510CRA	
M963	4859601170	COLOR PROJECTION TUBE	P16QDU11BEA (P)		M304	4953000502	COVER SPKR	FR HIPS GY	
MA11	485A100810	LENS CLEAR C ELEMENT	D250B-CU		M432	4954300400	HOLDER STRIKER	NYLON 66	
MA12	485A100910	LENS GREEN C ELEMENT	D250G-GCU		M433	4954300500	HOLDER BASE	ACETAL	
MA13	485A101010	LENS RED C ELEMENT	D250G-RCU		M433A	7125301211	SCREW TAPPING	T2S FLT 3X12 MFZN	
MA14	485A100610	LENS PROJECTION	D260ABU		ZZ320	PTUNSWG018	PCB UNION AS	DSJ-5510CRK	
V401	4850PM012-	PCM	JH2KLTU-009		C560	CEXF1C471V	C ELECTRO	16V RSS 470MF (8X12)TP	
V402	4850PM013-	PCM	JH2KLT-021		C561	CEXF1C471V	C ELECTRO	16V RSS 470MF (8X12)TP	
Y401	58D0000123	COIL DY	CDY-PT0717		C562	CEXF1C471V	C ELECTRO	16V RSS 470MF (8X12)TP	
ZZ230	PEPFSWD022	FOCUS PACK AS	DSJ-5500CW		C563	CEXF1C471V	C ELECTRO	16V RSS 470MF (8X12)TP	
F351	4953501300	HOLDER F PACK	EGI T1.2		C564	CEXF1C471V	C ELECTRO	16V RSS 470MF (8X12)TP	
F351A	7178300811	SCREW TAPPTITE	TT2 WAS 3X8 MFZN		I506	1LF353N—	IC OP AMP	LF353N	
F402	4950B00001	FOCUS PACK	HFR127A		I507	1LF353N—	IC OP AMP	LF353N	
F402A	4850704S46	CONNECTOR	YHL500-04+YLT500+ULW=300		I508	1LF353N—	IC OP AMP	LF353N	
F402B	4850701S18	CONNECTOR	YDT236+ULW=600		I509	1LF353N—	IC OP AMP	LF353N	
F402C	4950701007	CONNECTOR	YFH800-01+YDT236+ULW=600		I510	1LF353N—	IC OP AMP	LF353N	
F402D	4950701008	CONNECTOR	YFH800-01+YDT236+ULW=500		I511	1LF353N—	IC OP AMP	LF353N	
F402E	4950701009	CONNECTOR	YFH800-01+YDT236+ULW=400		IR101	1TSOP2238Y	IC UNIT R/RECEIVER	TSOP2238YA1	
F402F	4950701010	CONNECTOR	YDT236+ULW=600(R)		JK01	4959102150	JACK PIN BOARD	DPSE-9966	
F402G	4950701011	CONNECTOR	YDT236+ULW=450 (G)		JK02	4959102250	JACK PIN BOARD	DPSE-9952	
F402H	4950701013	CONNECTOR	YFH800-01+YDT236+ULW=400		JK03	4959102250	JACK PIN BOARD	DPSE-9952	
M681	4856812001	TIE CABLE	NYLON66 DA100		JK04	4959102480	JACK S-VHS	YKF51-5379	
ZZ240	PTCWPWG018	CABINET WOOD AS	DSJ-5510CRK		JK06	4959102480	JACK S-VHS	YKF51-5379	
M241	4952400400	CABINET WOOD	MDF		JK10	4959102650	JACK PIN BOARD	DPSE-9926	
M434	4954300300	HOLDER CATCH	NYLON 66		JT10	4959102480	JACK S-VHS	YKF51-5379	
ZZ250	PTPNPWG019	PANEL AS	DSJ-5510CRA		JT11	4959102150	JACK PIN BOARD	DPSE-9966	
M216A	7178301212	SCREW TAPPTITE	TT2 WAS 3X12 MFZN BK		LEDW1	DSAM5270—	LED	SAM5270	
M571	4955700500	DECO LED	PMMA		LEDW2	DSA5711—	LED	SA5711 RED BULK	
M571A	7178301212	SCREW TAPPTITE	TT2 WAS 3X12 MFZN BK		M112	4951100220	PANEL AV AS	2300900+5901320	
M681	4856812001	TIE CABLE	NYLON66 DA100		M112A	7178301212	SCREW TAPPTITE	TT2 WAS 3X12 MFZN BK	
PT13	4950702003	CONNECTOR	YFH800-02+YDT236+ULW=1300		M322	4953200600	BRKT POWER	EGI T1.2	
PWA2A	4850K01000	CORE FERRITE	BNF-18		M322A	7063300612	SCREW MACHINE	M/C BIN 3X6 MFZN BK	
ZZ310	PTPCSWG003	PANEL CONTROL AS	DSJ-5510CRA		M541	4955400900	SHIELD CONV COVER	SPTH	
M231	4952301800	BUTTON POWER	ABS		M542	4955400800	SHIELD CONV FENCE	SPTH	
M321	4953201203	DECO POWER	ABS GY SPRAY		P503	4859236320	CONN WAFER	YAW025-06	

z_loc	z_parts_code	parts_name	parts_descr	remark	z_loc	z_parts_code	parts_name	parts_descr	remark
PCB1	4859279520	CONN WAFER	TAC-L15P-A3 (ANGLE)		CC508	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
PCB2	4859279520	CONN WAFER	TAC-L15P-A3 (ANGLE)		CC509	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
PKB1	4859279520	CONN WAFER	TAC-L15P-A3 (ANGLE)		CC510	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
PKB2	4859279520	CONN WAFER	TAC-L15P-A3 (ANGLE)		CC511	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
PKB3	4859279520	CONN WAFER	TAC-L15P-A3 (ANGLE)		CC512	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
PR101	4859236020	CONN WAFER	YAW025-03		CC513	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
PT10	4850712N07	CONNECTOR	YH025-12+YH025-12+US1W=800		CC514	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
PTA13	4859242220	CONN WAFER	YFW800-02		CC515	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
PTB10	4859236920	CONN WAFER	YAW025-12		CC516	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
PTC10	4859236920	CONN WAFER	YAW025-12		CC517	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
PWA1	4850703N28	CONNECTOR	YH025-03+YBNH250-03+US3W=300		CC518	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
PWA2	4850709N08	CONNECTOR	YMH025-09+YH025-09+US1W=700		CC533	HCBK122KBA	C CHIP CERA	50V X7R 1200PF K 1608	
ST10	5S40000003	SW POWER PUSH	SS-160-7-G		CC534	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608	
XC101	5XJ4R0000E	CRYSTAL QUARTZ	HC-49/S 4.000MHZ 30PPM		CC535	HCQK100JBA	C CHIP CERA	50V CH 10PF J 1608	
ZZ200	PTUNJ2G018	PCB UNION CHIP AS	DSJ-5510CRK		CC536	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608	
CC111	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608		CC537	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CC114	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC538	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CC116	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC539	HCQK100JBA	C CHIP CERA	50V CH 10PF J 1608	
CC125	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		CC540	HCBK122KBA	C CHIP CERA	50V X7R 1200PF K 1608	
CC128	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC541	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608	
CC130	HCBK105KBA	C CHIP CERA	50V X7R 1MF K 1608		CC542	HCQK100JBA	C CHIP CERA	50V CH 10PF J 1608	
CC131	HCBK105KBA	C CHIP CERA	50V X7R 1MF K 1608		CC543	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608	
CC132	HCBK105KBA	C CHIP CERA	50V X7R 1MF K 1608		CC544	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CC134	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC545	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CC135	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		CC546	HCQK100JBA	C CHIP CERA	50V CH 10PF J 1608	
CC136	HCFD105ZBA	C CHIP CERA	Y5V 10V 1MF Z 1608		CC547	HCBK122KBA	C CHIP CERA	50V X7R 1200PF K 1608	
CC137	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC548	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608	
CC138	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		CC549	HCQK100JBA	C CHIP CERA	50V CH 10PF J 1608	
CC139	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC550	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608	
CC141	HCBK105KBA	C CHIP CERA	50V X7R 1MF K 1608		CC551	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CC142	HCBK105KBA	C CHIP CERA	50V X7R 1MF K 1608		CC552	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CC143	HCBK105KBA	C CHIP CERA	50V X7R 1MF K 1608		CC553	HCQK100JBA	C CHIP CERA	50V CH 10PF J 1608	
CC501	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC554	HCBK122KBA	C CHIP CERA	50V X7R 1200PF K 1608	
CC502	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC555	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608	
CC503	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC556	HCQK100JBA	C CHIP CERA	50V CH 10PF J 1608	
CC504	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC557	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608	
CC505	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC558	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CC506	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC559	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CC507	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC560	HCQK100JBA	C CHIP CERA	50V CH 10PF J 1608	

Service part list

z_loc	z_parts_code	parts_name	parts_descr	remark	z_loc	z_parts_code	parts_name	parts_descr	remark
CC561	HCBK122KBA	C CHIP CERA	50V X7R 1200PF K 1608		DC513	DMMBD1203B	DIODE CHIP	MMBD1203	
CC562	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608		DC514	DMMBD1203B	DIODE CHIP	MMBD1203	
CC563	HCQK100JBA	C CHIP CERA	50V CH 10PF J 1608		DC515	DMMBD1203B	DIODE CHIP	MMBD1203	
CC564	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		DCK1	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V	
CC565	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		DCK10	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V	
CC566	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		DCK11	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V	
CC567	HCQK100JBA	C CHIP CERA	50V CH 10PF J 1608		DCK12	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V	
CC568	HCBK122KBA	C CHIP CERA	50V X7R 1200PF K 1608		DCK13	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V	
CC569	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608		DCK14	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V	
CC570	HCQK100JBA	C CHIP CERA	50V CH 10PF J 1608		DCK15	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V	
CC571	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		DCK16	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V	
CC572	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		DCK17	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V	
CC573	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		DCK18	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V	
CC574	HCQK100JBA	C CHIP CERA	50V CH 10PF J 1608		DCK19	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V	
CC580	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		DCK2	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V	
CCK1	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		DCK20	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V	
CCK10	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608		DCK21	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V	
CCK11	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608		DCK22	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V	
CCK12	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608		DCK23	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V	
CCK13	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608		DCK24	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V	
CCK2	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608		DCK25	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V	
CCK3	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608		DCK26	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V	
CCK4	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		DCK27	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V	
CCK5	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608		DCK28	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V	
CCK6	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608		DCK29	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V	
CCT10	HCBH104KBA	C CHIP CERA	25V X7R 0.1MF K 1608		DCK3	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V	
CCT11	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608		DCK32	DMMBD1203B	DIODE CHIP	MMBD1203	
CCT12	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608		DCK33	DMMBD1203B	DIODE CHIP	MMBD1203	
CCW1	HCBH104KBA	C CHIP CERA	25V X7R 0.1MF K 1608		DCK35	DMMBD1203B	DIODE CHIP	MMBD1203	
DC501	DMMBD1203B	DIODE CHIP	MMBD1203		DCK36	DMMBD1203B	DIODE CHIP	MMBD1203	
DC502	DMMBD1203B	DIODE CHIP	MMBD1203		DCK4	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V	
DC503	DMMBD1203B	DIODE CHIP	MMBD1203		DCK5	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V	
DC504	DMMBD1203B	DIODE CHIP	MMBD1203		DCK6	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V	
DC507	DMMBD1203B	DIODE CHIP	MMBD1203		DCK7	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V	
DC508	DMMBD1203B	DIODE CHIP	MMBD1203		DCK8	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V	
DC509	DMMBD1203B	DIODE CHIP	MMBD1203		DCK9	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V	
DC510	DMMBD1203B	DIODE CHIP	MMBD1203		DCT10	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V	
DC511	DMMBD1203B	DIODE CHIP	MMBD1203		DCT11	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V	
DC512	DMMBD1203B	DIODE CHIP	MMBD1203		DCT12	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V	

z_loc	z_parts_code	parts_name	parts_descr	remark	z_loc	z_parts_code	parts_name	parts_descr	remark
DCT13	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V		RC123	HRFT112JBA	R CHIP	1/10 1.1K OHM J 1608	
DCT14	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V		RC124	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
DCT15	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V		RC125	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
DCT16	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V		RC126	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
DCT17	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V		RC127	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
IA01	1CXA1855QQ	IC CHIP SWITCH	CXA1855Q		RC128	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
IA03	11232XFBED	IC CHIP SWITCH	MM1232XFBE		RC129	HRFT223JBA	R CHIP	1/10 22K OHM J 1608	
IA05	1CXA2151-Q	IC CHIP VIDEO	CXA2151Q		RC130	HRFT223JBA	R CHIP	1/10 22K OHM J 1608	
IC501	1CM0021AFQ	IC CHIP	CM0021AF		RC131	HRFT102FBA	R CHIP	1/10 1K OHM F 1608	
IC502	1CD0031AMP	IC CHIP	CD0031AM		RC132	HRFT331JBA	R CHIP	1/10 330 OHM J 1608	
IC503	1CAT24WC-E	IC CHIP EEPROM	CAT24WC32J		RC133	HRFT151JBA	R CHIP	1/10 150 OHM J 1608	
IC504	1M29371MPD	IC CHIP REGULATOR	LM2937IMP-3.3(L69B)		RC134	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608	
IC505	1M29371MPD	IC CHIP REGULATOR	LM2937IMP-3.3(L69B)		RC135	HRFT750JBA	R CHIP	1/10 75 OHM J 1608	
QC102	T2SC2412KB	TR CHIP	2SC2412K-T146-BR		RC136	HRFT102FBA	R CHIP	1/10 1K OHM F 1608	
QC103	T2SC2412KB	TR CHIP	2SC2412K-T146-BR		RC138	HRFT103JBA	R CHIP	1/10 10K OHM J 1608	
QC104	T2SC2412KB	TR CHIP	2SC2412K-T146-BR		RC139	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
QC105	T2SA1037KB	TR CHIP	2SA1037AKT146-R		RC140	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
RC101	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		RC141	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608	
RC102	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		RC142	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608	
RC103	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		RC145	HRFT112JBA	R CHIP	1/10 1.1K OHM J 1608	
RC104	HRFT223JBA	R CHIP	1/10 22K OHM J 1608		RC146	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
RC105	HRFT223JBA	R CHIP	1/10 22K OHM J 1608		RC148	HRFT202JBA	R CHIP	1/10 2K OHM J 1608	
RC106	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		RC501	HRFT103JBA	R CHIP	1/10 10K OHM J 1608	
RC107	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		RC502	HRFT103JBA	R CHIP	1/10 10K OHM J 1608	
RC108	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		RC503	HRFT103JBA	R CHIP	1/10 10K OHM J 1608	
RC109	HRFT223JBA	R CHIP	1/10 22K OHM J 1608		RC505	HRFT103JBA	R CHIP	1/10 10K OHM J 1608	
RC110	HRFT223JBA	R CHIP	1/10 22K OHM J 1608		RC506	HRFT103JBA	R CHIP	1/10 10K OHM J 1608	
RC111	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		RC507	HRFT224JBA	R CHIP	1/10 220K OHM J 1608	
RC112	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		RC508	HRFT103JBA	R CHIP	1/10 10K OHM J 1608	
RC113	HRFT102FBA	R CHIP	1/10 1K OHM F 1608		RC509	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
RC114	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		RC510	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
RC115	HRFT221JBA	R CHIP	1/10 220 OHM J 1608		RC511	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
RC116	HRFT221JBA	R CHIP	1/10 220 OHM J 1608		RC512	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
RC117	HRFT680JBA	R CHIP	1/10 68 OHM J 1608		RC513	HRFT471JBA	R CHIP	1/10 470 OHM J 1608	
RC118	HRFT752JBA	R CHIP	1/10 7.5K OHM J 1608		RC514	HRFT750JBA	R CHIP	1/10 75 OHM J 1608	
RC119	HRFT752JBA	R CHIP	1/10 7.5K OHM J 1608		RC515	HRFT103JBA	R CHIP	1/10 10K OHM J 1608	
RC120	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		RC516	HRFT302FBA	R CHIP	1/10 3K OHM F 1608	
RC121	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		RC517	HRFT621FBA	R CHIP	1/10 620 OHM F 1608	
RC122	HRFT102FBA	R CHIP	1/10 1K OHM F 1608		RC518	HRFT471JBA	R CHIP	1/10 470 OHM J 1608	

Service part list

z_loc	z_parts_code	parts_name	parts_descr	remark	z_loc	z_parts_code	parts_name	parts_descr	remark
RC519	HRFT750JBA	R CHIP	1/10 75 OHM J 1608		RC574	HRFT103FBA	R CHIP	1/10 10K OHM F 1608	
RC520	HRFT750JBA	R CHIP	1/10 75 OHM J 1608		RC575	HRFT103FBA	R CHIP	1/10 10K OHM F 1608	
RC521	HRFT471JBA	R CHIP	1/10 470 OHM J 1608		RC576	HRFT103FBA	R CHIP	1/10 10K OHM F 1608	
RC522	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		RC577	HRFT622FBA	R CHIP	1/10 6.2K OHM F 1608	
RC523	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		RC578	HRFT101FBA	R CHIP	1/10 100 OHM F 1608	
RC526	HRFT101FBA	R CHIP	1/10 100 OHM F 1608		RC579	HRFT561FBA	R CHIP	1/10 560 OHM F 1608	
RC527	HRFT101FBA	R CHIP	1/10 100 OHM F 1608		RC580	HRFT561FBA	R CHIP	1/10 560 OHM F 1608	
RC528	HRFT101FBA	R CHIP	1/10 100 OHM F 1608		RC581	HRFT103FBA	R CHIP	1/10 10K OHM F 1608	
RC529	HRFT103JBA	R CHIP	1/10 10K OHM J 1608		RC582	HRFT103FBA	R CHIP	1/10 10K OHM F 1608	
RC530	HRFT101FBA	R CHIP	1/10 100 OHM F 1608		RC583	HRFT103FBA	R CHIP	1/10 10K OHM F 1608	
RC531	HRFT101FBA	R CHIP	1/10 100 OHM F 1608		RC584	HRFT622FBA	R CHIP	1/10 6.2K OHM F 1608	
RC532	HRFT101FBA	R CHIP	1/10 100 OHM F 1608		RC585	HRFT101FBA	R CHIP	1/10 100 OHM F 1608	
RC533	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		RC586	HRFT561FBA	R CHIP	1/10 560 OHM F 1608	
RC534	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		RC587	HRFT561FBA	R CHIP	1/10 560 OHM F 1608	
RC535	HRFT103FBA	R CHIP	1/10 10K OHM F 1608		RC588	HRFT103FBA	R CHIP	1/10 10K OHM F 1608	
RC536	HRFT103FBA	R CHIP	1/10 10K OHM F 1608		RC589	HRFT103FBA	R CHIP	1/10 10K OHM F 1608	
RC551	HRFT561FBA	R CHIP	1/10 560 OHM F 1608		RC590	HRFT103FBA	R CHIP	1/10 10K OHM F 1608	
RC552	HRFT561FBA	R CHIP	1/10 560 OHM F 1608		RC591	HRFT622FBA	R CHIP	1/10 6.2K OHM F 1608	
RC553	HRFT103FBA	R CHIP	1/10 10K OHM F 1608		RC592	HRFT101FBA	R CHIP	1/10 100 OHM F 1608	
RC554	HRFT103FBA	R CHIP	1/10 10K OHM F 1608		RC594	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
RC555	HRFT103FBA	R CHIP	1/10 10K OHM F 1608		RC595	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
RC556	HRFT622FBA	R CHIP	1/10 6.2K OHM F 1608		RC596	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
RC557	HRFT101FBA	R CHIP	1/10 100 OHM F 1608		RCK1	HRFT750JBA	R CHIP	1/10 75 OHM J 1608	
RC558	HRFT561FBA	R CHIP	1/10 560 OHM F 1608		RCK10	HRFT224JBA	R CHIP	1/10 220K OHM J 1608	
RC559	HRFT561FBA	R CHIP	1/10 560 OHM F 1608		RCK11	HRFT104JBA	R CHIP	1/10 100K OHM J 1608	
RC560	HRFT103FBA	R CHIP	1/10 10K OHM F 1608		RCK12	HRFT224JBA	R CHIP	1/10 220K OHM J 1608	
RC561	HRFT103FBA	R CHIP	1/10 10K OHM F 1608		RCK13	HRFT224JBA	R CHIP	1/10 220K OHM J 1608	
RC562	HRFT103FBA	R CHIP	1/10 10K OHM F 1608		RCK14	HRFT750JBA	R CHIP	1/10 75 OHM J 1608	
RC563	HRFT622FBA	R CHIP	1/10 6.2K OHM F 1608		RCK15	HRFT750JBA	R CHIP	1/10 75 OHM J 1608	
RC564	HRFT101FBA	R CHIP	1/10 100 OHM F 1608		RCK16	HRFT750JBA	R CHIP	1/10 75 OHM J 1608	
RC565	HRFT561FBA	R CHIP	1/10 560 OHM F 1608		RCK17	HRFT224JBA	R CHIP	1/10 220K OHM J 1608	
RC566	HRFT561FBA	R CHIP	1/10 560 OHM F 1608		RCK18	HRFT224JBA	R CHIP	1/10 220K OHM J 1608	
RC567	HRFT103FBA	R CHIP	1/10 10K OHM F 1608		RCK19	HRFT750JBA	R CHIP	1/10 75 OHM J 1608	
RC568	HRFT103FBA	R CHIP	1/10 10K OHM F 1608		RCK2	HRFT750JBA	R CHIP	1/10 75 OHM J 1608	
RC569	HRFT103FBA	R CHIP	1/10 10K OHM F 1608		RCK20	HRFT750JBA	R CHIP	1/10 75 OHM J 1608	
RC570	HRFT622FBA	R CHIP	1/10 6.2K OHM F 1608		RCK21	HRFT750JBA	R CHIP	1/10 75 OHM J 1608	
RC571	HRFT101FBA	R CHIP	1/10 100 OHM F 1608		RCK22	HRFT224JBA	R CHIP	1/10 220K OHM J 1608	
RC572	HRFT561FBA	R CHIP	1/10 560 OHM F 1608		RCK23	HRFT224JBA	R CHIP	1/10 220K OHM J 1608	
RC573	HRFT561FBA	R CHIP	1/10 560 OHM F 1608		RCK3	HRFT750JBA	R CHIP	1/10 75 OHM J 1608	

z_loc	z_parts_code	parts_name	parts_descr	remark	z_loc	z_parts_code	parts_name	parts_descr	remark
RCK4	HRFT224JBA	R CHIP	1/10 220K OHM J 1608		C123	CEXF1H100A	C ELECTRO	50V RSM 10MF (5X7) TP	
RCK5	HRFT224JBA	R CHIP	1/10 220K OHM J 1608		C124	CEXF1H100A	C ELECTRO	50V RSM 10MF (5X7) TP	
RCK6	HRFT750JBA	R CHIP	1/10 75 OHM J 1608		C126	CEXF1H100A	C ELECTRO	50V RSM 10MF (5X7) TP	
RCK7	HRFT750JBA	R CHIP	1/10 75 OHM J 1608		C127	CEXF1H100A	C ELECTRO	50V RSM 10MF (5X7) TP	
RCK8	HRFT750JBA	R CHIP	1/10 75 OHM J 1608		C129	CEXF1H100A	C ELECTRO	50V RSM 10MF (5X7) TP	
RCK9	HRFT224JBA	R CHIP	1/10 220K OHM J 1608		C133	CEXF1C220A	C ELECTRO	16V RSM 22MF (5X7)	
RCT10	HRFT750JBA	R CHIP	1/10 75 OHM J 1608		C140	CEXF1C220A	C ELECTRO	16V RSM 22MF (5X7)	
RCT11	HRFT750JBA	R CHIP	1/10 75 OHM J 1608		C501	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
RCT12	HRFT750JBA	R CHIP	1/10 75 OHM J 1608		C502	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
RCT13	HRFT224JBA	R CHIP	1/10 220K OHM J 1608		C503	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
RCT14	HRFT224JBA	R CHIP	1/10 220K OHM J 1608		C504	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
RCW1	HRFT392JBA	R CHIP	1/10 3.9K OHM J 1608		C505	CMXM2A823J	C MYLAR	100V 0.082MF J (TP)	
RCW2	HRFT202JBA	R CHIP	1/10 2K OHM J 1608		C506	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
RCW3	HRFT102FBA	R CHIP	1/10 1K OHM F 1608		C507	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
RCW4	HRFT102FBA	R CHIP	1/10 1K OHM F 1608		C508	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
RCW5	HRFT202JBA	R CHIP	1/10 2K OHM J 1608		C509	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
RCW6	HRFT392JBA	R CHIP	1/10 3.9K OHM J 1608		C510	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
RCW7	HRFT101FBA	R CHIP	1/10 100 OHM F 1608		C511	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
ZZ200	PTUNJBG018	PCB UNION M-10 AS	DSJ-5510CRK		C512	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
ZZ200	PTUNJRG018	PCB UNION RADIAL AS	DSJ-5510CRK		C513	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
C101	CEXF1H100A	C ELECTRO	50V RSM 10MF (5X7) TP		C514	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
C102	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP		C515	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
C103	CEXF1H100A	C ELECTRO	50V RSM 10MF (5X7) TP		C516	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
C104	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP		C518	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
C105	CEXF1H100A	C ELECTRO	50V RSM 10MF (5X7) TP		C519	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
C106	CEXF1H100A	C ELECTRO	50V RSM 10MF (5X7) TP		C520	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
C107	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP		C521	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
C108	CEXF1H100A	C ELECTRO	50V RSM 10MF (5X7) TP		C522	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	
C109	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP		C523	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	
C110	CEXF1H100A	C ELECTRO	50V RSM 10MF (5X7) TP		C524	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	
C112	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP		C525	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	
C113	CEXF1H100A	C ELECTRO	50V RSM 10MF (5X7) TP		C526	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	
C115	CEXF1H100A	C ELECTRO	50V RSM 10MF (5X7) TP		C527	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	
C117	CEXF1C101A	C ELECTRO	16V RSM 100MF (6.3X7) TP		C528	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
C118	CEXF1H100A	C ELECTRO	50V RSM 10MF (5X7) TP		C529	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
C119	CEXF1H100A	C ELECTRO	50V RSM 10MF (5X7) TP		C530	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
C120	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP		C531	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
C121	CEXF1H100A	C ELECTRO	50V RSM 10MF (5X7) TP		C536	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
C122	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP		C537	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	

Service part list

z_loc	z_parts_code	parts_name	parts_descr	remark	z_loc	z_parts_code	parts_name	parts_descr	remark
C538	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP		SW4	5S50101Z90	SW TACT	THVV502GDA	
C539	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP		SW5	5S50101Z90	SW TACT	THVV502GDA	
C540	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP		SW6	5S50101Z90	SW TACT	THVV502GDA	
C541	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP		SW7	5S50101Z90	SW TACT	THVV502GDA	
C542	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP		SW8	5S50101Z90	SW TACT	THVV502GDA	
C543	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP		ZZ200	PTUNJAG018	PCB UNION AXIAL AS	DSJ-5510CRK	
C544	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP		A001	4859810560	PCB UNION	330X246 FR-4 1.6T	
C545	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP		DW1	D1N4148—	DIODE	1N4148 (TAPPING)	
C546	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP		DZW1	DUZ5R1BM—	DIODE ZENER	UZ-5.1BM	
C547	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP		DZW2	DUZ5R1BM—	DIODE ZENER	UZ-5.1BM	
C550	CMXM2A822J	C MYLAR	100V 8200PF J (TP)		DZW3	DUZ5R1BM—	DIODE ZENER	UZ-5.1BM	
C551	CMXM2A822J	C MYLAR	100V 8200PF J (TP)		DZW4	DUZ5R1BM—	DIODE ZENER	UZ-5.1BM	
C552	CMXM2A822J	C MYLAR	100V 8200PF J (TP)		DZW5	DUZ5R1BM—	DIODE ZENER	UZ-5.1BM	
C553	CMXM2A822J	C MYLAR	100V 8200PF J (TP)		DZW6	DUZ5R1BM—	DIODE ZENER	UZ-5.1BM	
C554	CMXM2A822J	C MYLAR	100V 8200PF J (TP)		DZW7	DUZ5R1BM—	DIODE ZENER	UZ-5.1BM	
C555	CMXM2A822J	C MYLAR	100V 8200PF J (TP)		DZW8	DUZ5R1BM—	DIODE ZENER	UZ-5.1BM	
C570	CEXF1H108V	C ELECTRO	50V RSS 0.1MF (5X11) TP		L517	5MC0000100	COIL BEAD	HC-3550	
CEW1	CEXF1C100A	C ELECTRO	16V RSM 10MF 5X7		LW1	5CP2100K04	COIL PEAKING	10UH 10.5MM K (LAL04TB)	
CK14	CEXF1C101A	C ELECTRO	16V RSM 100MF (6.3X7) TP		ZZ330	PTAPMSG003	PCB AMP MANUAL AS	DSJ-5510CRA	
CK7	CEXF1C101A	C ELECTRO	16V RSM 100MF (6.3X7) TP		C657	CEYD1V471F	C ELECTRO	35V RND 470MF 13X20	
CK8	CEXF1H100A	C ELECTRO	50V RSM 10MF (5X7) TP		C658	CEYD1V471F	C ELECTRO	35V RND 470MF 13X20	
CK9	CEXF1H100A	C ELECTRO	50V RSM 10MF (5X7) TP		C903	CEYF1E332V	C ELECTRO	25V RSS 3300MF (16X31.5)	
CR101	CEXF1C100V	C ELECTRO	RSS 16V 10MF 4*7		C909	CEYF1V332V	C ELECTRO	35V RSS 3300MF (18X35.5)	
L505	5CPX821J—	COIL PEAKING	820UH J RADIAL		C910	CEYF1V332V	C ELECTRO	35V RSS 3300MF (18X35.5)	
L506	5CPX102J—	COIL PEAKING	PL 1000UH J (TAPPING)		C911	CEYF1V332V	C ELECTRO	35V RSS 3300MF (18X35.5)	
L507	5CPX821J—	COIL PEAKING	820UH J RADIAL		C912	CEYF1V332V	C ELECTRO	35V RSS 3300MF (18X35.5)	
L508	5CPX102J—	COIL PEAKING	PL 1000UH J (TAPPING)		I650	1TDA7265—	IC	TDA7265	
L509	5CPX821J—	COIL PEAKING	820UH J RADIAL		I650A	4857027540	HEAT SINK	AL EX BK H90 4 TERM PIN	
L510	5CPX102J—	COIL PEAKING	PL 1000UH J (TAPPING)		I650B	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFXN	
L511	5CPX821J—	COIL PEAKING	820UH J RADIAL		I902	1K1A7905P1	IC REGULATOR	KIA7905PI	
L512	5CPX102J—	COIL PEAKING	PL 1000UH J (TAPPING)		I902A	4857026900	HEAT SINK	AL EX	
L513	5CPX821J—	COIL PEAKING	820UH J RADIAL		I902B	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFXN	
L514	5CPX102J—	COIL PEAKING	PL 1000UH J (TAPPING)		I904	1STK392—	IC	STK392-020	
L515	5CPX821J—	COIL PEAKING	820UH J RADIAL		I904A	4957002001	HEAT SINK	AL EX	
L516	5CPX102J—	COIL PEAKING	PL 1000UH J (TAPPING)		I904B	7174301411	SCREW TAPPTITE	TT2 RND 3X14 MFXN	
QC101	TKTA1266Y-	TR	KTA1266Y (TP)		I905	1STK392—	IC	STK392-020	
SW1	5S50101Z90	SW TACT	THVV502GDA		I905A	4957002001	HEAT SINK	AL EX	
SW2	5S50101Z90	SW TACT	THVV502GDA		I905B	7174301411	SCREW TAPPTITE	TT2 RND 3X14 MFXN	
SW3	5S50101Z90	SW TACT	THVV502GDA		J931	85801065GY	WIRE COPPER AWG221	0.65TIN COATING	

z_loc	z_parts_code	parts_name	parts_descr	remark	z_loc	z_parts_code	parts_name	parts_descr	remark
J932	85801065GY	WIRE COPPER AWG221	0.65TIN COATING		R971	RF02Z121J-	R FUSIBLE	2W 120 OHM J	
M383	4953804100	FRAME SUB PCB	FR HIPS BK		ZZ200	PTAPJRG003	PCB AMP RADIAL AS	DSJ-5510CRA	
M383A	7178301012	SCREW TAPTTITE	TT2 WAS 3X10 MFZN BK		C650	CEXF1E101C	C ELECTRO	25V RUS 100MF (6.3X11) TP	
P901	4859235820	CONN WAFER	YW025-15		C653	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)	
P904	4859258420	CONN WAFER	YFW500-04		C654	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)	
P905	4859258420	CONN WAFER	YFW500-04		C661	CEXF1H100C	C ELECTRO	50V RUS 10MF (5X11) TP	
P906	4859258420	CONN WAFER	YFW500-04		C662	CEXF1H100C	C ELECTRO	50V RUS 10MF (5X11) TP	
PB803	4859235320	CONN WAFER	YW025-10		C663	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	
ZZ200	PTAPJ0G003	PCB AMP RHU AS	DSJ-5510CRA		C665	CMXB2A102J	C MYLAR	100V EU 1000PF J (TP)	
C659	CEXF1V471V	C ELECTRO	35V RSS 470MF (10X20) TP		C666	CCXF1H104Z	C CERA	50V F 0.1MF Z	
C660	CEXF1V471V	C ELECTRO	35V RSS 470MF (10X20) TP		Q651	TKTC3198Y-	TR	KTC3198Y	
C904	CEXF1C222V	C ELECTRO	16V RSS 2200MF (16X31.5) TP		Q652	TKTC3198Y-	TR	KTC3198Y	
C905	CEXF1V102V	C ELECTRO	35V RSS 1000MF (13X25) TP		Q653	TKTC3198Y-	TR	KTC3198Y	
C906	CEXF1V102V	C ELECTRO	35V RSS 1000MF (13X25) TP		Q654	TKTC3198Y-	TR	KTC3198Y	
C907	CEXF1V102V	C ELECTRO	35V RSS 1000MF (13X25) TP		ZZ200	PTAPJAG003	PCB AMP AXIAL AS	DSJ-5510CRA	
C908	CEXF1V102V	C ELECTRO	35V RSS 1000MF (13X25) TP		A001	4859813324	PCB AMP	330X246 CEM-1 1.6T	
ZZ200	PTAPJBG003	PCB AMP M-10 AS	DSJ-5510CRA		C651	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)	
E605	4856310600	EYE LET	BSR T0.2 (R2.3)		C652	CCZB1H102K	C CERA	50V B 1000PF K (AXIAL)	
E606	4856310600	EYE LET	BSR T0.2 (R2.3)		C655	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
E607	4856310600	EYE LET	BSR T0.2 (R2.3)		C915	CCZB1H101K	C CERA	50V B 100PF K (AXIAL)	
E608	4856310600	EYE LET	BSR T0.2 (R2.3)		C916	CCZB1H101K	C CERA	50V B 100PF K (AXIAL)	
E901	4856310600	EYE LET	BSR T0.2 (R2.3)		C917	CCZB1H101K	C CERA	50V B 100PF K (AXIAL)	
E902	4856310600	EYE LET	BSR T0.2 (R2.3)		C918	CCZB1H101K	C CERA	50V B 100PF K (AXIAL)	
E903	4856310600	EYE LET	BSR T0.2 (R2.3)		C919	CCZB1H101K	C CERA	50V B 100PF K (AXIAL)	
E904	4856310600	EYE LET	BSR T0.2 (R2.3)		C920	CCZB1H101K	C CERA	50V B 100PF K (AXIAL)	
E905	4856310600	EYE LET	BSR T0.2 (R2.3)		J650	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
E906	4856310600	EYE LET	BSR T0.2 (R2.3)		J652	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
E907	4856310600	EYE LET	BSR T0.2 (R2.3)		J653	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
E908	4856310600	EYE LET	BSR T0.2 (R2.3)		J654	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
P601	485923192S	CONN WAFER	YW025-06 (STICK)		J655	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
P603	485923172S	CONN WAFER	YW025-04 (STICK)		J656	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
P604	485923162S	CONN WAFER	YW025-03 (STICK)		J657	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
P902	4857417500	TERM PIN	DA-HB0214(D2.3/DY PIN)		J658	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R966	RF02Z121J-	R FUSIBLE	2W 120 OHM J		J659	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R967	RF02Z121J-	R FUSIBLE	2W 120 OHM J		J660	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R968	RF02Z121J-	R FUSIBLE	2W 120 OHM J		J662	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R969	RF02Z121J-	R FUSIBLE	2W 120 OHM J		J663	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R970	RF02Z121J-	R FUSIBLE	2W 120 OHM J		J664	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
					J665	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	

Service part list

z_loc	z_parts_code	parts_name	parts_descr	remark	z_loc	z_parts_code	parts_name	parts_descr	remark
J666	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J936	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J667	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J937	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J668	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J938	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J669	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J939	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J670	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J940	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J671	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J941	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J673	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J942	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J901	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J943	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J902	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J944	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J903	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		L650	5MC0000100	COIL BEAD	HC-3550	
J904	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		L651	5MC0000100	COIL BEAD	HC-3550	
J905	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		L901	5MC0000100	COIL BEAD	HC-3550	
J906	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		L902	5MC0000100	COIL BEAD	HC-3550	
J907	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		L903	5MC0000100	COIL BEAD	HC-3550	
J908	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		L904	5MC0000100	COIL BEAD	HC-3550	
J909	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		L905	5MC0000100	COIL BEAD	HC-3550	
J910	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		L906	5MC0000100	COIL BEAD	HC-3550	
J911	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		L907	5MC0000100	COIL BEAD	HC-3550	
J912	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		L908	5MC0000100	COIL BEAD	HC-3550	
J913	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		L909	5MC0000100	COIL BEAD	HC-3550	
J914	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		L910	5MC0000100	COIL BEAD	HC-3550	
J915	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R650	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	
J916	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R652	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	
J917	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R654	RD-AZ273J-	R CARBON FILM	1/6 27K OHM J	
J918	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R655	RD-AZ561J-	R CARBON FILM	1/6 560 OHM J	
J920	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R656	RD-AZ273J-	R CARBON FILM	1/6 27K OHM J	
J921	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R657	RD-AZ561J-	R CARBON FILM	1/6 560 OHM J	
J922	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R658	RD-4Z479J-	R CARBON FILM	1/4 4.7 OHM J	
J923	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R659	RD-4Z479J-	R CARBON FILM	1/4 4.7 OHM J	
J924	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R690	RD-AZ183J-	R CARBON FILM	1/6 18K OHM J	
J925	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R691	RD-AZ153J-	R CARBON FILM	1/6 15K OHM J	
J926	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R692	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
J927	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R693	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
J928	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R694	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	
J929	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R695	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	
J930	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R696	RD-AZ153J-	R CARBON FILM	1/6 15K OHM J	
J933	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R901	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
J934	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R902	RD-AZ332J-	R CARBON FILM	1/6 3.3K OHM J	
J935	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R903	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	

z_loc	z_parts_code	parts_name	parts_descr	remark	z_loc	z_parts_code	parts_name	parts_descr	remark
R904	RD-AZ332J-	R CARBON FILM	1/6 3.3K OHM J		R960	RN-2Z4708F	R METAL FILM	1/2 4.7 OHM F	
R905	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J		R961	RN-2Z4708F	R METAL FILM	1/2 4.7 OHM F	
R906	RD-AZ332J-	R CARBON FILM	1/6 3.3K OHM J		R962	RN-2Z4708F	R METAL FILM	1/2 4.7 OHM F	
R907	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J		R963	RN-2Z4708F	R METAL FILM	1/2 4.7 OHM F	
R908	RD-AZ332J-	R CARBON FILM	1/6 3.3K OHM J		R964	RN-2Z4708F	R METAL FILM	1/2 4.7 OHM F	
R909	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J		R965	RN-2Z4708F	R METAL FILM	1/2 4.7 OHM F	
R910	RD-AZ332J-	R CARBON FILM	1/6 3.3K OHM J		R972	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R911	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J		R973	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R912	RD-AZ332J-	R CARBON FILM	1/6 3.3K OHM J		R974	RU1Z078K	R PICO FUSIBLE	1W 0.07 OHM K(TAPING)	
R913	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		R975	RU1Z078K	R PICO FUSIBLE	1W 0.07 OHM K(TAPING)	
R914	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		R976	RU1Z078K	R PICO FUSIBLE	1W 0.07 OHM K(TAPING)	
R915	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		R977	RU1Z078K	R PICO FUSIBLE	1W 0.07 OHM K(TAPING)	
R916	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		ZZ340	PTCPMSG018	PCB CRT MANUAL AS	DSJ-5510CRK	
R917	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		CN11	CH1BFE472M	C CERA AC	AC400V 4700PF M U/C/V	
R918	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		CN21	CH1BFE472M	C CERA AC	AC400V 4700PF M U/C/V	
R935	RN-2Z4708F	R METAL FILM	1/2 4.7 OHM F		CN31	CH1BFE472M	C CERA AC	AC400V 4700PF M U/C/V	
R936	RN-2Z4708F	R METAL FILM	1/2 4.7 OHM F		IN11	1TDA6111Q-	IC AMP	TDA6111Q	
R937	RN-2Z4708F	R METAL FILM	1/2 4.7 OHM F		IN11A	4857024613	HEAT SINK	AL EX (NO ANODIZING)	
R938	RN-2Z4708F	R METAL FILM	1/2 4.7 OHM F		IN11B	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFZN	
R939	RN-2Z4708F	R METAL FILM	1/2 4.7 OHM F		IN12	1TDA6111Q-	IC AMP	TDA6111Q	
R940	RN-2Z4708F	R METAL FILM	1/2 4.7 OHM F		IN12A	4857024613	HEAT SINK	AL EX (NO ANODIZING)	
R941	RN-2Z4708F	R METAL FILM	1/2 4.7 OHM F		IN12B	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFZN	
R942	RN-2Z4708F	R METAL FILM	1/2 4.7 OHM F		IN13	1TDA6111Q-	IC AMP	TDA6111Q	
R943	RN-2Z4708F	R METAL FILM	1/2 4.7 OHM F		IN13A	4857024613	HEAT SINK	AL EX (NO ANODIZING)	
R944	RN-2Z4708F	R METAL FILM	1/2 4.7 OHM F		IN13B	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFZN	
R946	RN-2Z4708F	R METAL FILM	1/2 4.7 OHM F		PN51	4959200621	CONN WAFER	SL1-002-S116/01-11	
R947	RN-2Z4708F	R METAL FILM	1/2 4.7 OHM F		PN52	4959200621	CONN WAFER	SL1-002-S116/01-11	
R948	RN-2Z4708F	R METAL FILM	1/2 4.7 OHM F		PN53	4959200621	CONN WAFER	SL1-002-S116/01-11	
R949	RN-2Z4708F	R METAL FILM	1/2 4.7 OHM F		PNA11	4850708S08	CONNECTOR	YH025-08+YBNH250-08+ULW=400	
R950	RN-2Z4708F	R METAL FILM	1/2 4.7 OHM F		PNA12	4850707S07	CONNECTOR	YH025-07+YBNH250-07+ULW=300	
R951	RN-2Z4708F	R METAL FILM	1/2 4.7 OHM F		PNA13	4850706S01	CONNECTOR	YH025-06+YBNH025-06+ULW=200	
R952	RN-2Z4708F	R METAL FILM	1/2 4.7 OHM F		PNA15	4850712N06	CONNECTOR	YH025-12+YBNH250-04 X3+US1W=550	
R953	RN-2Z4708F	R METAL FILM	1/2 4.7 OHM F		PNA72	4850703N29	CONNECTOR	YFH800-03+YPT018X3+ULW=450	
R954	RN-2Z4708F	R METAL FILM	1/2 4.7 OHM F		SN18	4SG0DX0001	SPARK GAP	SSG-102-A1(1.0KV) TAP	
R955	RN-2Z4708F	R METAL FILM	1/2 4.7 OHM F		SN20	4SG0DX0001	SPARK GAP	SSG-102-A1(1.0KV) TAP	
R956	RN-2Z4708F	R METAL FILM	1/2 4.7 OHM F		SN22	4SG0DX0001	SPARK GAP	SSG-102-A1(1.0KV) TAP	
R957	RN-2Z4708F	R METAL FILM	1/2 4.7 OHM F		VN11	4959303130	SOCKET CRT	ISH-28S	
R958	RN-2Z4708F	R METAL FILM	1/2 4.7 OHM F		VN12	4959303130	SOCKET CRT	ISH-28S	
R959	RN-2Z4708F	R METAL FILM	1/2 4.7 OHM F		VN13	4959303130	SOCKET CRT	ISH-28S	

Service part list

z_loc	z_parts_code	parts_name	parts_descr	remark	z_loc	z_parts_code	parts_name	parts_descr	remark
ZZ200	PTCPJ0G018	PCB CRT ODD SHAPE AS	DSJ-5510CRK		LN12	5CPX471J—	COIL PEAKING	470UH J (RADIAL)	
CN20	CEXF2E330V	C ELECTRO	250V RSS 33MF (13X25) TP		LN13	5CPX471J—	COIL PEAKING	470UH J (RADIAL)	
CN29	CEXF2E330V	C ELECTRO	250V RSS 33MF (13X25) TP		LN14	5CPX829K—	COIL PEAKING	8.2UH K (RADIAL)	
CN40	CEXF2E330V	C ELECTRO	250V RSS 33MF (13X25) TP		LN15	5CPX829K—	COIL PEAKING	8.2UH K (RADIAL)	
ZZ200	PTCPJBG018	PCB CRT M-10 AS	DSJ-5510CRK		LN16	5CPX829K—	COIL PEAKING	8.2UH K (RADIAL)	
PN12	485923202S	CONN WAFER	YW025-07 (STICK)		SN11	4SG0DX0001	SPARK GAP	SSG-102-A1(1.0KV) TAP	
PN13	485923192S	CONN WAFER	YW025-06 (STICK)		SN12	4SG0DX0001	SPARK GAP	SSG-102-A1(1.0KV) TAP	
PN31	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)		SN13	4SG0DX0001	SPARK GAP	SSG-102-A1(1.0KV) TAP	
PN32	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)		SN14	4SG0DX0001	SPARK GAP	SSG-102-A1(1.0KV) TAP	
PN33	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)		SN15	4SG0DX0001	SPARK GAP	SSG-102-A1(1.0KV) TAP	
PN41	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)		SN16	4SG0DX0001	SPARK GAP	SSG-102-A1(1.0KV) TAP	
PN42	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)		SN17	4SG0DX0001	SPARK GAP	SSG-102-A1(1.0KV) TAP	
PN43	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)		SN19	4SG0DX0001	SPARK GAP	SSG-102-A1(1.0KV) TAP	
PN61	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)		SN21	4SG0DX0001	SPARK GAP	SSG-102-A1(1.0KV) TAP	
PN62	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)		ZZ200	PTCPJAG018	PCB CRT AXIAL AS	DSJ-5510CRK	
PN63	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)		A001	4859829113	PCB CRT	103.5X270(330X246/2) FR-1 1.6T	
PN81	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)		CN15	CZSL1H100J	C CERA	50V SL 10PF J (AXIAL)	
PN82	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)		CN16	CCZB1H104K	C CERA	HIBK 50V 0.1MF K AXL 52MM	
PN83	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)		CN26	CCZB1H104K	C CERA	HIBK 50V 0.1MF K AXL 52MM	
RN25	RS02Z683JS	R M-OXIDE FILM	2W 68K OHM J SMALL		CN30	CZSL1H100J	C CERA	50V SL 10PF J (AXIAL)	
RN36	RS02Z683JS	R M-OXIDE FILM	2W 68K OHM J SMALL		CN35	CZSL1H100J	C CERA	50V SL 10PF J (AXIAL)	
RN47	RS02Z683JS	R M-OXIDE FILM	2W 68K OHM J SMALL		CN36	CCZB1H104K	C CERA	HIBK 50V 0.1MF K AXL 52MM	
ZZ200	PTCPJRG018	PCB CRT RADIAL AS	DSJ-5510CRK		CN41	CCZB1H104K	C CERA	HIBK 50V 0.1MF K AXL 52MM	
CN12	CCXB3A102K	C CERA	1KV B 1000PF K (TAPPING)		CN42	CCZB1H104K	C CERA	HIBK 50V 0.1MF K AXL 52MM	
CN14	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP		CN43	CCZB1H104K	C CERA	HIBK 50V 0.1MF K AXL 52MM	
CN17	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP		DN11	DUZ15BM—	DIODE ZENER	UZ-15BM	
CN18	CCXB2H561K	C CERA	500V B 560PF K (TAPPING)		DN12	DUZ15BM—	DIODE ZENER	UZ-15BM	
CN19	CMXL2E104K	C MYLAR	250V MEU 0.1MF K		DN13	DUZ15BM—	DIODE ZENER	UZ-15BM	
CN22	CCXB3A102K	C CERA	1KV B 1000PF K (TAPPING)		DN17	D1N4937G—	DIODE	1N4937G (TAPPING)	
CN23	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP		DN18	D1N4937G—	DIODE	1N4937G (TAPPING)	
CN25	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP		DN19	D1N4937G—	DIODE	1N4937G (TAPPING)	
CN27	CCXB2H561K	C CERA	500V B 560PF K (TAPPING)		DN20	D1N4937G—	DIODE	1N4937G (TAPPING)	
CN28	CMXL2E104K	C MYLAR	250V MEU 0.1MF K		DN21	D1N4937G—	DIODE	1N4937G (TAPPING)	
CN32	CCXB3A102K	C CERA	1KV B 1000PF K (TAPPING)		DN22	D1N4937G—	DIODE	1N4937G (TAPPING)	
CN33	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP		JN01	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
CN37	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP		JN02	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
CN38	CCXB2H561K	C CERA	500V B 560PF K (TAPPING)		JN03	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
CN39	CMXL2E104K	C MYLAR	250V MEU 0.1MF K		JN04	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
LN11	5CPX471J—	COIL PEAKING	470UH J (RADIAL)		JN05	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	

z_loc	z_parts_code	parts_name	parts_descr	remark	z_loc	z_parts_code	parts_name	parts_descr	remark
JN06	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		M171	4851715100	TERM ANT AS	58002+32013	
JN07	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		M171A	7173301212	SCREW TAPPTITE	TT2 BIN 3X12 MFZN BK	
JN08	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		M171B	7172401412	SCREW TAPPTITE	TT2 TRS 4X14 MFZN BK	
JN09	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		M301	4953000100	BRKT TUNER	EGI T0.8	
RN11	RD-4Z152J-	R CARBON FILM	1/4 1.5K OHM J		M301A	7178301212	SCREW TAPPTITE	TT2 WAS 3X12 MFZN BK	
RN13	RD-2Z101J-	R CARBON FILM	1/2 100 OHM J		M381A	7178301012	SCREW TAPPTITE	TT2 WAS 3X10 MFZN BK	
RN14	RC-2Z331J-	R CARBON COMP	1/2 330 OHM J		M431	4954300100	HOLDER PCB	FR HIPS	
RN15	RD-AZ152J-	R CARBON FILM	1/6 1.5K OHM J		M431A	7172401412	SCREW TAPPTITE	TT2 TRS 4X14 MFZN BK	
RN16	RD-AZ202J-	R CARBON FILM	1/6 2K OHM J		P201	4859235520	CONN WAFER	YW025-12	
RN17	RD-AZ362J-	R CARBON FILM	1/6 3.6K OHM J		P401	4859235420	CONN WAFER	YW025-11	
RN18	RD-AZ123J-	R CARBON FILM	1/6 12K OHM J		P402	4859235320	CONN WAFER	YW025-10	
RN19	RD-AZ363J-	R CARBON FILM	1/6 36K OHM J		PA101	4850703N27	CONNECTOR	YBNH025-03+HER-03+US3W=200	
RN26	RD-4Z152J-	R CARBON FILM	1/4 1.5K OHM J		PA601	4850706N19	CONNECTOR	YH025-06+YBNH250-06+US1W=450	
RN28	RD-2Z101J-	R CARBON FILM	1/2 100 OHM J		PA901	4850715N07	CONNECTOR	YH025-15+YBNH250-15+US3W=350	
RN29	RC-2Z331J-	R CARBON COMP	1/2 330 OHM J		PA902	4950701014	CONNECTOR	YFH800-01+YPT018+ULW=400	
RN30	RD-AZ152J-	R CARBON FILM	1/6 1.5K OHM J		PB802	4859235420	CONN WAFER	YW025-11	
RN31	RD-AZ202J-	R CARBON FILM	1/6 2K OHM J		PCC1	4859281020	CONN WAFER	TAC-L15X-A3	
RN32	RD-AZ362J-	R CARBON FILM	1/6 3.6K OHM J		PCC2	4859281020	CONN WAFER	TAC-L15X-A3	
RN33	RD-AZ363J-	R CARBON FILM	1/6 36K OHM J		PKC1	4859281020	CONN WAFER	TAC-L15X-A3	
RN34	RD-AZ123J-	R CARBON FILM	1/6 12K OHM J		PKC2	4859281020	CONN WAFER	TAC-L15X-A3	
RN38	RD-4Z152J-	R CARBON FILM	1/4 1.5K OHM J		PKC3	4859281020	CONN WAFER	TAC-L15X-A3	
RN40	RD-2Z101J-	R CARBON FILM	1/2 100 OHM J		PT01	4859235320	CONN WAFER	YW025-10	
RN41	RC-2Z331J-	R CARBON COMP	1/2 330 OHM J		RF1	4950M00310	MODULE RF SWITCH	BT11-0003	
RN42	RD-AZ152J-	R CARBON FILM	1/6 1.5K OHM J		RF1A	4959000150	CABLE RF AS	UL1365-PHONE PLUG=300	
RN43	RD-AZ202J-	R CARBON FILM	1/6 2K OHM J		RF1B	4959001360	CABLE RF AS	UL1365-PHONE PLUG=100	
RN44	RD-AZ362J-	R CARBON FILM	1/6 3.6K OHM J		RF1C	4950701015	CONNECTOR	YFH800-01+90017TS+ULW=900	
RN45	RD-AZ123J-	R CARBON FILM	1/6 12K OHM J		TU701	4859722330	TUNER VARACTOR	TAFC-H102P	
RN46	RD-AZ363J-	R CARBON FILM	1/6 36K OHM J		TU702	4859723930	TUNER VARACTOR	TMDH9-A10A	
RN48	RD-2Z101J-	R CARBON FILM	1/2 100 OHM J		X601	5XE18R432E	CRYSTAL QUARTZ	HC-49/U 18.43200MHZ 30PPM	
RN49	RD-2Z101J-	R CARBON FILM	1/2 100 OHM J		X701	5XE8R0000E	CRYSTAL QUARTZ	HC-49/U 8.000MHZ 30PPM	
RN50	RD-2Z101J-	R CARBON FILM	1/2 100 OHM J		XB01	5XJ20R000F	CRYSTAL QUARTZ	ATS-49U 20.00000MHZ 50PPM	
ZZ360	PTAVMSG018	PCB AV MANUAL AS	DSJ-5510CRK		XD01	5XE20R250E	CRYSTAL QUARTZ	HC-49/U 20.2500MHZ 30PPM	
I208	1LD1117V18	IC REGULATOR	LD1117AV18 1.8V 2% TO-220		ZZ200	PTAVJ2G018	PCB AV CHIP B AS	DSJ-5510CRK	
I701	1M37280EKS	IC MICOM OTP	M37280EKS		CC201	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
I701A	4959302910	SOCKET IC	P=1.77 / W=19.05MM		CC202	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
LB01	5PYK5385—	FILTER LPF	K5385		CC203	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
LB02	5PYK5385—	FILTER LPF	K5385		CC204	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
LB03	5PYK5404—	FILTER LPF	K5404		CC205	HCQK102JBA	C CHIP CERA	50V CH 1000PF J 1608	
LB04	5PYK5404—	FILTER LPF	K5404		CC206	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	

Service part list

z_loc	z_parts_code	parts_name	parts_descr	remark	z_loc	z_parts_code	parts_name	parts_descr	remark
CC207	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC251	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CC208	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC252	HCQK221JBA	C CHIP CERA	50V CH 220PF J 1608	
CC209	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC253	HCFK224ZCA	C CHIP CERA	Y5V 50V 0.22MF Z 2012	
CC210	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC254	HCQK121JCA	C CHIP CERA	50V CH 120PF J 2012	
CC211	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC255	HCQK121JCA	C CHIP CERA	50V CH 120PF J 2012	
CC212	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC256	HCQK121JCA	C CHIP CERA	50V CH 120PF J 2012	
CC213	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC257	HCFK224ZCA	C CHIP CERA	Y5V 50V 0.22MF Z 2012	
CC214	HCFF474KBA	C CHIP CERA	16V Y5V 0.47MF K 1608		CC260	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CC215	HCFF474KBA	C CHIP CERA	16V Y5V 0.47MF K 1608		CC280	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608	
CC216	HCFF474KBA	C CHIP CERA	16V Y5V 0.47MF K 1608		CC282	HCBK105KBA	C CHIP CERA	50V X7R 1MF K 1608	
CC218	HCFD105ZBA	C CHIP CERA	Y5V 10V 1MF Z 1608		CC283	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CC219	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		CC284	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CC220	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC285	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CC221	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC286	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CC222	HCFF474KBA	C CHIP CERA	16V Y5V 0.47MF K 1608		CC601	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CC223	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		CC602	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CC224	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		CC603	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CC225	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		CC604	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CC226	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		CC605	HCQK509CBA	C CHIP CERA	50V CH 5PF C 1608	
CC227	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		CC606	HCQK509CBA	C CHIP CERA	50V CH 5PF C 1608	
CC228	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		CC607	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CC229	HCFF474KBA	C CHIP CERA	16V Y5V 0.47MF K 1608		CC608	HCBK332KBA	C CHIP CERA	50V X7R 3300PF K 1608	
CC230	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC609	HCBK332KBA	C CHIP CERA	50V X7R 3300PF K 1608	
CC231	HCBK471KBA	C CHIP CERA	50V X7R 470PF K 1608		CC610	HCBK682KBA	C CHIP CERA	50V X7R 6800PF K 1608	
CC232	HCBK561KBA	C CHIP CERA	50V X7R 560PF K 1608		CC611	HCBK682KBA	C CHIP CERA	50V X7R 6800PF K 1608	
CC233	HCBK682KBA	C CHIP CERA	50V X7R 6800PF K 1608		CC612	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CC234	HCBK683KBA	C CHIP CERA	X7R 50V 0.068MF K 1608		CC613	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CC235	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC614	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CC236	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC615	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CC237	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC702	HCBK471KBA	C CHIP CERA	50V X7R 470PF K 1608	
CC238	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC703	HCBK561KBA	C CHIP CERA	50V X7R 560PF K 1608	
CC239	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC704	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608	
CC240	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC705	HCQK180JBA	C CHIP CERA	50V CH 18PF J 1608	
CC241	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC706	HCQK180JBA	C CHIP CERA	50V CH 18PF J 1608	
CC242	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC707	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CC243	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC708	HCQK220JBA	C CHIP CERA	50V CH 22PF J 1608	
CC244	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC709	HCQK220JBA	C CHIP CERA	50V CH 22PF J 1608	
CC250	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CC710	HCQK221JBA	C CHIP CERA	50V CH 220PF J 1608	
					CC711	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608	

z_loc	z_parts_code	parts_name	parts_descr	remark	z_loc	z_parts_code	parts_name	parts_descr	remark
CC713	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		CCB26	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608	
CC714	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CCB27	HCQK391JBA	C CHIP CERA	50V CH 390PF J 1608	
CC715	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CCB28	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608	
CC716	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CCB29	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CC717	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CCB30	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CC718	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CCD01	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CC719	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		CCD02	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CC720	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CCD03	HCFK224ZCA	C CHIP CERA	Y5V 50V 0.22MF Z 2012	
CC721	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		CCD04	HCFK224ZCA	C CHIP CERA	Y5V 50V 0.22MF Z 2012	
CC724	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CCD05	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CC725	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CCD06	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CC728	HCBK561KBA	C CHIP CERA	50V X7R 560PF K 1608		CCD07	HCBK105KBA	C CHIP CERA	50V X7R 1MF K 1608	
CC792	HCBK561KBA	C CHIP CERA	50V X7R 560PF K 1608		CCD08	HCBK105KBA	C CHIP CERA	50V X7R 1MF K 1608	
CCB01	HCFD105ZBA	C CHIP CERA	Y5V 10V 1MF Z 1608		CCD09	HCBK105KBA	C CHIP CERA	50V X7R 1MF K 1608	
CCB02	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CCD10	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CCB03	HCFD105ZBA	C CHIP CERA	Y5V 10V 1MF Z 1608		CCD11	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CCB04	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608		CCD12	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CCB05	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CCD13	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CCB06	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CCD14	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CCB07	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CCD15	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CCB08	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CCD16	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CCB09	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CCD17	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CCB10	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CCD18	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CCB11	HCFD105ZBA	C CHIP CERA	Y5V 10V 1MF Z 1608		CCD19	HCQK220JBA	C CHIP CERA	50V CH 22PF J 1608	
CCB12	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CCD20	HCQK220JBA	C CHIP CERA	50V CH 22PF J 1608	
CCB13	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CCD21	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CCB14	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CCD22	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CCB15	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CCD23	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CCB16	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CCD24	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CCB17	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CCD25	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CCB18	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CCD26	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CCB19	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		CCD27	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608	
CCB20	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		DC201	DBAV99L—B	DIODE CHIP	BAV99L	
CCB21	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		DC202	DBAV99L—B	DIODE CHIP	BAV99L	
CCB22	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		DC203	DMMBD1204B	DIODE CHIP	MMBD1204	
CCB23	HCBK104KBA	C CHIP CERA	50V X7R 0.1MF K 1608		DC204	DMMBD1204B	DIODE CHIP	MMBD1204	
CCB24	HCQK220JBA	C CHIP CERA	50V CH 22PF J 1608		DC601	DBAV99L—B	DIODE CHIP	BAV99L	
CCB25	HCQK220JBA	C CHIP CERA	50V CH 22PF J 1608		DC602	DBAV99L—B	DIODE CHIP	BAV99L	
					DC603	D202W8R2VA	DIODE CHIP ZENER	Z02W8.2V	

Service part list

z_loc	z_parts_code	parts_name	parts_descr	remark	z_loc	z_parts_code	parts_name	parts_descr	remark
DC701	DBAV99L—B	DIODE CHIP	BAV99L		ICB01	1UPD64083Q	IC CHIP Y/C SEPERAT	UPD64083GF	
DC702	DBAV99L—B	DIODE CHIP	BAV99L		ICB02	1M29372MPD	IC CHIP REGULATOR	LM2937IMP-2.5(L68B)	
DC703	DBAV99L—B	DIODE CHIP	BAV99L		ICD01	1VSP9407PQ	IC CHIP	VSP9407B(QFP80)	
DC704	DBAV99L—B	DIODE CHIP	BAV99L		JC001	HRFT000-BA	R CHIP	1/10 0 OHM 1608	
DC705	DBAV99L—B	DIODE CHIP	BAV99L		JC002	HRFT000-BA	R CHIP	1/10 0 OHM 1608	
DC706	DBAV99L—B	DIODE CHIP	BAV99L		JC003	HRFT000-BA	R CHIP	1/10 0 OHM 1608	
DC707	DBAV99L—B	DIODE CHIP	BAV99L		JC004	HRFT000-BA	R CHIP	1/10 0 OHM 1608	
DC708	DBAV99L—B	DIODE CHIP	BAV99L		JC005	HRFT000-BA	R CHIP	1/10 0 OHM 1608	
DC709	DBAV99L—B	DIODE CHIP	BAV99L		LC201	HLC479K02B	L CHIP COIL	4.7UH MLF 1608	
DC710	DBAV99L—B	DIODE CHIP	BAV99L		LC202	HLC100J00A	L CHIP COIL	10UH NLC322522	
DC711	DBAV99L—B	DIODE CHIP	BAV99L		LC210	HLC229K02B	L CHIP COIL	2.2UH MLF 1608	
DC712	DBAV99L—B	DIODE CHIP	BAV99L		LC211	HLC229K02B	L CHIP COIL	2.2UH MLF 1608	
DC713	DMMBD1204B	DIODE CHIP	MMBD1204		LC212	HLC229K02B	L CHIP COIL	2.2UH MLF 1608	
DC714	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V		LC213	HLC229K02B	L CHIP COIL	2.2UH MLF 1608	
DC715	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V		LC601	HLC479K02B	L CHIP COIL	4.7UH MLF 1608	
DC716	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V		LC602	HLC479K02B	L CHIP COIL	4.7UH MLF 1608	
DC717	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V		LC701	HLC229K02B	L CHIP COIL	2.2UH MLF 1608	
DC718	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V		LC702	HLC479K02B	L CHIP COIL	4.7UH MLF 1608	
DC719	DZ02W5R1VA	DIODE CHIP ZENER	Z02W5.1V		LC703	HLC479K02B	L CHIP COIL	4.7UH MLF 1608	
DC721	DMMBD1204B	DIODE CHIP	MMBD1204		LC704	HLC479K02B	L CHIP COIL	4.7UH MLF 1608	
DC722	DMMBD1204B	DIODE CHIP	MMBD1204		LC705	HLC479K02B	L CHIP COIL	4.7UH MLF 1608	
DC723	DMMBD1204B	DIODE CHIP	MMBD1204		LCB01	HLC100J00A	L CHIP COIL	10UH NLC322522	
DC724	DMMBD1204B	DIODE CHIP	MMBD1204		LCB02	HLC100J00A	L CHIP COIL	10UH NLC322522	
DCB01	DBAV99L—B	DIODE CHIP	BAV99L		LCB03	HLC100J00A	L CHIP COIL	10UH NLC322522	
DCB02	DBAV99L—B	DIODE CHIP	BAV99L		LCB04	HLC100J00A	L CHIP COIL	10UH NLC322522	
DCD01	DBAV99L—B	DIODE CHIP	BAV99L		LCB05	HLC100J00A	L CHIP COIL	10UH NLC322522	
DCD02	DBAV99L—B	DIODE CHIP	BAV99L		LCB06	HLC479K02B	L CHIP COIL	4.7UH MLF 1608	
DCD03	DBAV99L—B	DIODE CHIP	BAV99L		LCB07	HLC100J00A	L CHIP COIL	10UH NLC322522	
DCD04	DBAV99L—B	DIODE CHIP	BAV99L		LCD01	HLC100J00A	L CHIP COIL	10UH NLC322522	
IC201	1CXA2101AQ	IC CHIP VIDEO	CXA2101AQ		LCD02	HLC100J00A	L CHIP COIL	10UH NLC322522	
IC202	1HC4538SJD	IC CHIP	MM74HC4538SJ		LCD03	HLC100J00A	L CHIP COIL	10UH NLC322522	
IC203	1CXA1315MD	IC CHIP D/A	CXA1315M		LCD04	HLC100J00A	L CHIP COIL	10UH NLC322522	
IC204	1GS4981—C	IC CHIP SYNC	GS4981-CTA		QC201	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
IC205	174HC4053D	IC CHIP LOGIC	74HC4053M1R(SO16) 16PIN REEL		QC202	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
IC206	1Z86129—P	IC CHIP CAPTION	Z8612912SSC		QC203	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
IC207	1M29371MPD	IC CHIP REGULATOR	LM2937IMP-3.3(L69B)		QC204	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
IC208	1GS4981—C	IC CHIP SYNC	GS4981-CTA		QC205	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
IC601	1MSP3421Q3	IC CHIP AUDIO PROCESSOR	MSP3421G-QA-B8		QC206	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
IC701	1CAT24WC-D	IC CHIP EEPROM	CAT24WC16						

z_loc	z_parts_code	parts_name	parts_descr	remark	z_loc	z_parts_code	parts_name	parts_descr	remark
QC207	T2SC2412KB	TR CHIP	2SC2412K-T146-BR		RC210	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608	
QC208	T2SC2412KB	TR CHIP	2SC2412K-T146-BR		RC211	HRFT103JBA	R CHIP	1/10 10K OHM J 1608	
QC209	T2SC2412KB	TR CHIP	2SC2412K-T146-BR		RC212	HRFT473JBA	R CHIP	1/10 47K OHM J 1608	
QC210	T2SC2412KB	TR CHIP	2SC2412K-T146-BR		RC213	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608	
QC211	T2SA1037KB	TR CHIP	2SA1037AKT146-R		RC214	HRFT103JBA	R CHIP	1/10 10K OHM J 1608	
QC281	T2SC2412KB	TR CHIP	2SC2412K-T146-BR		RC215	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
QC702	T2SC2412KB	TR CHIP	2SC2412K-T146-BR		RC216	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
QC704	T2SC2412KB	TR CHIP	2SC2412K-T146-BR		RC217	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608	
QC705	T2SA1037KB	TR CHIP	2SA1037AKT146-R		RC218	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
QC706	T2SC2412KB	TR CHIP	2SC2412K-T146-BR		RC219	HRFT302JBA	R CHIP	1/10W 3.0K J 1608	
QC707	T2SC2412KB	TR CHIP	2SC2412K-T146-BR		RC225	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
QC708	T2SC2412KB	TR CHIP	2SC2412K-T146-BR		RC226	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
QC709	T2SC2412KB	TR CHIP	2SC2412K-T146-BR		RC227	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
QC710	T2SA1037KB	TR CHIP	2SA1037AKT146-R		RC228	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
QC711	T2SC2412KB	TR CHIP	2SC2412K-T146-BR		RC229	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
QC712	T2SC2412KB	TR CHIP	2SC2412K-T146-BR		RC230	HRFT122JBA	R CHIP	1/10 1.2K OHM J 1608	
QCB01	T2SC2412KB	TR CHIP	2SC2412K-T146-BR		RC231	HRFT273JBA	R CHIP	1/10 27K OHM J 1608	
QCB02	T2SA1037KB	TR CHIP	2SA1037AKT146-R		RC232	HRFT335JBA	R CHIP	1/10 3.3M J 1608	
QCB03	T2SA1037KB	TR CHIP	2SA1037AKT146-R		RC233	HRFT473FBA	R CHIP	1/10 47K OHM F 1608	
QCB04	T2SA1037KB	TR CHIP	2SA1037AKT146-R		RC234	HRFT471JBA	R CHIP	1/10 470 OHM J 1608	
QCB05	T2SA1037KB	TR CHIP	2SA1037AKT146-R		RC235	HRFT223FBA	R CHIP	1/10 22K OHM F 1608	
QCB06	T2SC2412KB	TR CHIP	2SC2412K-T146-BR		RC236	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
QCB07	T2SA1037KB	TR CHIP	2SA1037AKT146-R		RC237	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
QCB08	T2SC2412KB	TR CHIP	2SC2412K-T146-BR		RC238	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
QCB09	T2SC2412KB	TR CHIP	2SC2412K-T146-BR		RC239	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
QCB10	T2SC2412KB	TR CHIP	2SC2412K-T146-BR		RC241	HRFT471JBA	R CHIP	1/10 470 OHM J 1608	
QCB11	T2SA1037KB	TR CHIP	2SA1037AKT146-R		RC242	HRFT682JBA	R CHIP	1/10 6.8K OHM J 1608	
QCB12	T2SC2412KB	TR CHIP	2SC2412K-T146-BR		RC243	HRFT102JBA	R CHIP	1/10 1K OHM J 1608	
QCB13	T2SA1037KB	TR CHIP	2SA1037AKT146-R		RC244	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
QT01	T2SC2412KB	TR CHIP	2SC2412K-T146-BR		RC245	HRFT103JBA	R CHIP	1/10 10K OHM J 1608	
RC201	HRFT473JBA	R CHIP	1/10 47K OHM J 1608		RC246	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608	
RC202	HRFT104JBA	R CHIP	1/10 100K OHM J 1608		RC247	HRFT181JBA	R CHIP	1/10 180 OHM J 1608	
RC203	HRFT102JBA	R CHIP	1/10 1K OHM J 1608		RC248	HRFT181JBA	R CHIP	1/10 180 OHM J 1608	
RC204	HRFT103JBA	R CHIP	1/10 10K OHM J 1608		RC249	HRFT331JBA	R CHIP	1/10 330 OHM J 1608	
RC205	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608		RC250	HRFT181JBA	R CHIP	1/10 180 OHM J 1608	
RC206	HRFT203JBA	R CHIP	1/10 20K OHM J 1608		RC251	HRFT331JBA	R CHIP	1/10 330 OHM J 1608	
RC207	HRFT393JBA	R CHIP	1/10 39K OHM J 1608		RC252	HRFT102JBA	R CHIP	1/10 1K OHM J 1608	
RC208	HRFT104JBA	R CHIP	1/10 100K OHM J 1608		RC253	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
RC209	HRFT103JBA	R CHIP	1/10 10K OHM J 1608		RC254	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608	

Service part list

z_loc	z_parts_code	parts_name	parts_descr	remark	z_loc	z_parts_code	parts_name	parts_descr	remark
RC255	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		RC615	HRFT220JBA	R CHIP	1/10W 22 OHM J 1608	
RC256	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608		RC616	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
RC257	HRFT102JBA	R CHIP	1/10 1K OHM J 1608		RC617	HRFT162JBA	R CHIP	1/10 1.6K OHM J 1608	
RC258	HRFT102JBA	R CHIP	1/10 1K OHM J 1608		RC618	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
RC259	HRFT000-BA	R CHIP	1/10 0 OHM 1608		RC619	HRFT162JBA	R CHIP	1/10 1.6K OHM J 1608	
RC260	HRFT102JBA	R CHIP	1/10 1K OHM J 1608		RC701	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608	
RC261	HRFT104JBA	R CHIP	1/10 100K OHM J 1608		RC702	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608	
RC262	HRFT102JBA	R CHIP	1/10 1K OHM J 1608		RC703	HRFT103JBA	R CHIP	1/10 10K OHM J 1608	
RC263	HRFT102JBA	R CHIP	1/10 1K OHM J 1608		RC704	HRFT103JBA	R CHIP	1/10 10K OHM J 1608	
RC264	HRFT102JBA	R CHIP	1/10 1K OHM J 1608		RC705	HRFT103JBA	R CHIP	1/10 10K OHM J 1608	
RC282	HRFT304FBA	R CHIP	1/10 300K OHM F 1608		RC706	HRFT222JBA	R CHIP	1/10 2.2K OHM J 1608	
RC284	HRFT911JBA	R CHIP	1/10 910 OHM J 1608		RC707	HRFT103JBA	R CHIP	1/10 10K OHM J 1608	
RC285	HRFT682JBA	R CHIP	1/10 6.8K OHM J 1608		RC708	HRFT103JBA	R CHIP	1/10 10K OHM J 1608	
RC286	HRFT432JBA	R CHIP	1/10 4.3K OHM J 1608		RC709	HRFT103JBA	R CHIP	1/10 10K OHM J 1608	
RC287	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608		RC710	HRFT103JBA	R CHIP	1/10 10K OHM J 1608	
RC288	HRFT512JBA	R CHIP	1/10 5.1K OHM J 1608		RC711	HRFT103JBA	R CHIP	1/10 10K OHM J 1608	
RC289	HRFT102JBA	R CHIP	1/10 1K OHM J 1608		RC712	HRFT222JBA	R CHIP	1/10 2.2K OHM J 1608	
RC291	HRFT684JBA	R CHIP	1/10 680K OHM J 1608		RC713	HRFT105JBA	R CHIP	1/10 1M OHM J 1608	
RC292	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		RC714	HRFT103JBA	R CHIP	1/10 10K OHM J 1608	
RC293	HRFT102JBA	R CHIP	1/10 1K OHM J 1608		RC715	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
RC294	HRFT105JBA	R CHIP	1/10 1M OHM J 1608		RC716	HRFT222JBA	R CHIP	1/10 2.2K OHM J 1608	
RC295	HRFT512JBA	R CHIP	1/10 5.1K OHM J 1608		RC717	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
RC296	HRFT102JBA	R CHIP	1/10 1K OHM J 1608		RC718	HRFT222JBA	R CHIP	1/10 2.2K OHM J 1608	
RC297	HRFT512JBA	R CHIP	1/10 5.1K OHM J 1608		RC719	HRFT102JBA	R CHIP	1/10 1K OHM J 1608	
RC298	HRFT102JBA	R CHIP	1/10 1K OHM J 1608		RC720	HRFT103JBA	R CHIP	1/10 10K OHM J 1608	
RC601	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		RC723	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
RC602	HRFT221JBA	R CHIP	1/10 220 OHM J 1608		RC724	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
RC603	HRFT221JBA	R CHIP	1/10 220 OHM J 1608		RC725	HRFT102JBA	R CHIP	1/10 1K OHM J 1608	
RC604	HRFT221JBA	R CHIP	1/10 220 OHM J 1608		RC726	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
RC605	HRFT220JBA	R CHIP	1/10W 22 OHM J 1608		RC727	HRFT102JBA	R CHIP	1/10 1K OHM J 1608	
RC606	HRFT562JBA	R CHIP	1/10 5.6K OHM J 1608		RC728	HRFT102JBA	R CHIP	1/10 1K OHM J 1608	
RC607	HRFT562JBA	R CHIP	1/10 5.6K OHM J 1608		RC730	HRFT102JBA	R CHIP	1/10 1K OHM J 1608	
RC608	HRFT122JBA	R CHIP	1/10 1.2K OHM J 1608		RC731	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608	
RC609	HRFT122JBA	R CHIP	1/10 1.2K OHM J 1608		RC732	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608	
RC610	HRFT122JBA	R CHIP	1/10 1.2K OHM J 1608		RC733	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608	
RC611	HRFT122JBA	R CHIP	1/10 1.2K OHM J 1608		RC734	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608	
RC612	HRFT122JBA	R CHIP	1/10 1.2K OHM J 1608		RC735	HRFT562JBA	R CHIP	1/10 5.6K OHM J 1608	
RC613	HRFT122JBA	R CHIP	1/10 1.2K OHM J 1608		RC736	HRFT102JBA	R CHIP	1/10 1K OHM J 1608	
RC614	HRFT122JBA	R CHIP	1/10 1.2K OHM J 1608		RC737	HRFT102JBA	R CHIP	1/10 1K OHM J 1608	

z_loc	z_parts_code	parts_name	parts_descr	remark	z_loc	z_parts_code	parts_name	parts_descr	remark
RC738	HRFT102JBA	R CHIP	1/10 1K OHM J 1608		RC782	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608	
RC739	HRFT102JBA	R CHIP	1/10 1K OHM J 1608		RC783	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
RC740	HRFT102JBA	R CHIP	1/10 1K OHM J 1608		RC784	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
RC741	HRFT102JBA	R CHIP	1/10 1K OHM J 1608		RC785	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
RC742	HRFT271JBA	R CHIP	1/10 270 OHM J 1608		RC786	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608	
RC743	HRFT271JBA	R CHIP	1/10 270 OHM J 1608		RC787	HRFT133JBA	R CHIP	1/10 13K OHM J 1608	
RC744	HRFT103JBA	R CHIP	1/10 10K OHM J 1608		RC788	HRFT133JBA	R CHIP	1/10 13K OHM J 1608	
RC745	HRFT103JBA	R CHIP	1/10 10K OHM J 1608		RC789	HRFT103JBA	R CHIP	1/10 10K OHM J 1608	
RC746	HRFT271JBA	R CHIP	1/10 270 OHM J 1608		RC790	HRFT302FBA	R CHIP	1/10 3K OHM F 1608	
RC747	HRFT103JBA	R CHIP	1/10 10K OHM J 1608		RC791	HRFT103JBA	R CHIP	1/10 10K OHM J 1608	
RC748	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		RC792	HRFT203JBA	R CHIP	1/10 20K OHM J 1608	
RC749	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		RC793	HRFT122JBA	R CHIP	1/10 1.2K OHM J 1608	
RC750	HRFT102JBA	R CHIP	1/10 1K OHM J 1608		RC794	HRFT104JBA	R CHIP	1/10 100K OHM J 1608	
RC751	HRFT103JBA	R CHIP	1/10 10K OHM J 1608		RC795	HRFT564JBA	R CHIP	1/10 560K OHM J 1608	
RC752	HRFT562JBA	R CHIP	1/10 5.6K OHM J 1608		RC796	HRFT272JBA	R CHIP	1/10 2.7K OHM J 1608	
RC753	HRFT102JBA	R CHIP	1/10 1K OHM J 1608		RC797	HRFT221JBA	R CHIP	1/10 220 OHM J 1608	
RC754	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		RC798	HRFT102JBA	R CHIP	1/10 1K OHM J 1608	
RC755	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		RC799	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
RC756	HRFT102JBA	R CHIP	1/10 1K OHM J 1608		RCB01	HRFT471JBA	R CHIP	1/10 470 OHM J 1608	
RC757	HRFT103JBA	R CHIP	1/10 10K OHM J 1608		RCB02	HRFT222JBA	R CHIP	1/10 2.2K OHM J 1608	
RC758	HRFT221JBA	R CHIP	1/10 220 OHM J 1608		RCB03	HRFT471JBA	R CHIP	1/10 470 OHM J 1608	
RC759	HRFT221JBA	R CHIP	1/10 220 OHM J 1608		RCB04	HRFT103JBA	R CHIP	1/10 10K OHM J 1608	
RC760	HRFT221JBA	R CHIP	1/10 220 OHM J 1608		RCB05	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
RC761	HRFT102JBA	R CHIP	1/10 1K OHM J 1608		RCB06	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
RC762	HRFT221JBA	R CHIP	1/10 220 OHM J 1608		RCB07	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
RC763	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		RCB08	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
RC764	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		RCB09	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
RC765	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		RCB10	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608	
RC766	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		RCB11	HRFT221JBA	R CHIP	1/10 220 OHM J 1608	
RC767	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		RCB12	HRFT562JBA	R CHIP	1/10 5.6K OHM J 1608	
RC768	HRFT221JBA	R CHIP	1/10 220 OHM J 1608		RCB13	HRFT471JBA	R CHIP	1/10 470 OHM J 1608	
RC769	HRFT202JBA	R CHIP	1/10 2K OHM J 1608		RCB14	HRFT101JBA	R CHIP	1/10 100 OHM J 1608	
RC770	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608		RCB15	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608	
RC774	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608		RCB16	HRFT561JBA	R CHIP	1/10 560 OHM J 1608	
RC775	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608		RCB17	HRFT562JBA	R CHIP	1/10 5.6K OHM J 1608	
RC778	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		RCB18	HRFT471JBA	R CHIP	1/10 470 OHM J 1608	
RC779	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		RCB19	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608	
RC780	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		RCB20	HRFT471JBA	R CHIP	1/10 470 OHM J 1608	
RC781	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		RCB21	HRFT102JBA	R CHIP	1/10 1K OHM J 1608	

Service part list

z_loc	z_parts_code	parts_name	parts_descr	remark	z_loc	z_parts_code	parts_name	parts_descr	remark
RCB22	HRFT222JBA	R CHIP	1/10 2.2K OHM J 1608		A001	4859815892	PCB MAIN	330X246 FR-4 2L 1.6T	
RCB23	HRFT223JBA	R CHIP	1/10 22K OHM J 1608		C202	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP	
RCB24	HRFT224JBA	R CHIP	1/10 220K OHM J 1608		C203	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP	
RCB25	HRFT221JBA	R CHIP	1/10 220 OHM J 1608		C204	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
RCB26	HRFT222JBA	R CHIP	1/10 2.2K OHM J 1608		C205	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
RCB27	HRFT332JBA	R CHIP	1/10 3.3K OHM J 1608		C208	CEXF1H220V	C ELECTRO	50V RSS 22MF (5X11) TP	
RCB28	HRFT821JBA	R CHIP	1/10 820 OHM J 1608		C209	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
RCB29	HRFT471JBA	R CHIP	1/10 470 OHM J 1608		C210	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
RCB30	HRFT471JBA	R CHIP	1/10 470 OHM J 1608		C213	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
RCB31	HRFT473JBA	R CHIP	1/10 47K OHM J 1608		C214	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
RCB32	HRFT103JBA	R CHIP	1/10 10K OHM J 1608		C215	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
RCB33	HRFT222JBA	R CHIP	1/10 2.2K OHM J 1608		C216	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
RCB34	HRFT332JBA	R CHIP	1/10 3.3K OHM J 1608		C217	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
RCB35	HRFT821JBA	R CHIP	1/10 820 OHM J 1608		C218	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	
RCB36	HRFT471JBA	R CHIP	1/10 470 OHM J 1608		C220	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	
RCB37	HRFT473JBA	R CHIP	1/10 47K OHM J 1608		C221	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	
RCB38	HRFT103JBA	R CHIP	1/10 10K OHM J 1608		C230	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP	
RCD01	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		C601	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
RCD02	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		C602	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
RCD03	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608		C603	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	
RCD04	HRFT472JBA	R CHIP	1/10 4.7K OHM J 1608		C604	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
RCD05	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		C605	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
RT01	HRFT101JBA	R CHIP	1/10 100 OHM J 1608		C606	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
RT02	HRFT102JBA	R CHIP	1/10 1K OHM J 1608		C607	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP	
ZZ200	PTAVJ0G018	PCB A/V RHU AS	DSJ-5510CRK		C608	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
C201	CEXF1C471V	C ELECTRO	16V RSS 470MF (8X12)TP		C609	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
C207	CEXF1C471V	C ELECTRO	16V RSS 470MF (8X12)TP		C610	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
C211	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP		C611	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
C212	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP		C612	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
C618	CEXF1C471V	C ELECTRO	16V RSS 470MF (8X12)TP		C613	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
C702	CEXF1C471V	C ELECTRO	16V RSS 470MF (8X12)TP		C614	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
C706	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP		C615	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
C711	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP		C616	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
CB08	CEXF1C471V	C ELECTRO	16V RSS 470MF (8X12)TP		C617	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP	
CD02	CEXF1C471V	C ELECTRO	16V RSS 470MF (8X12)TP		C701	CEXF1H220V	C ELECTRO	50V RSS 22MF (5X11) TP	
ZZ200	PTAVJBG018	PCB A/V M-10 AS	DSJ-5510CRK		C703	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	
P903	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)		C704	CEXF1H220V	C ELECTRO	50V RSS 22MF (5X11) TP	
PB701	485923522S	CONN WAFER	YW025-09 (STICK)		C705	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	
ZZ200	PTAVJRG018	PCB A/V RADIAL AS	DSJ-5510CRK						

z_loc	z_parts_code	parts_name	parts_descr	remark	z_loc	z_parts_code	parts_name	parts_descr	remark
C707	CEXF1H220C	C ELECTRO	50V RUS 22MF (5X11) TP		Q202	TKTC3191Y-	TR	KTC3191Y	
C708	CEXF1H478V	C ELECTRO	50V RSS 0.47MF (5X11) TP		Q203	TKTC3191Y-	TR	KTC3191Y	
C709	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP		R201	RN02B100JS	R METAL FILM	2W 10 OHM J SMALL	
C710	CEXF1H220V	C ELECTRO	50V RSS 22MF (5X11) TP		R202	RN02B100JS	R METAL FILM	2W 10 OHM J SMALL	
C712	CEXF1H220C	C ELECTRO	50V RUS 22MF (5X11) TP		R203	RN02B479JS	R METAL FILM	2W 4.7 OHM J SMALL	
C714	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP		ZZ370	PTDEMSG018	PCB DEF MANUAL AS	DSJ-5510CRK	
C715	CEXF1H220V	C ELECTRO	50V RSS 22MF (5X11) TP		C407	CMYH3D332J	C MYLAR	2KV BUP 3300PF J	
C716	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP		C408	CMYH3D392J	C MYLAR	2KV BUP 3900PF J	
C717	CEXF1H479V	C ELECTRO	50V RSS 4.7MF (5X11) TP		C409	CMYE2G334J	C MYLAR	400V PU 0.33MF J	
C718	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP		C410	CMYE2G334J	C MYLAR	400V PU 0.33MF J	
C719	CEXF1H478V	C ELECTRO	50V RSS 0.47MF (5X11) TP		C415	CEYF2C221V	C ELECTRO	160V RSS 220MF (18X35.5)	
C720	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP		C449	CCXE3D103P	C CERA	HIKE 2KV 0.01MF P	
CB01	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP		C451	CEYF2C221V	C ELECTRO	160V RSS 220MF (18X35.5)	
CB02	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP		CV20	CCYB2H103K	C CERA	500V B 0.01MF K	
CB03	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP		D403	DFMLG12S—	DIODE	FML-G12S	
CB04	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP		D404	DFMRG5H—	DIODE DAMPER	FMRG5HS LF710	
CB05	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP		D404A	4857027602	HEAT SINK	AL EX BK	
CB06	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP		D404B	7174301011	SCREW TAPPTITE	TT2 RND 3X10 MFZN	
CB07	CEXF1C470V	C ELECTRO	16V RSS 47MF (5X11) TP		F401	5DH0000022	FBT	HVG-PTV	
CB09	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP		I301	1TDA8172—	IC V-OUT	TDA8172	
CB10	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP		I301A	4857028202	HEAT SINK	AL EX BK	
CB11	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP		I301B	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFZN	
CB12	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP		I401	1LM358—	IC	KA358	
CD01	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP		I402	1LF353N—	IC OP AMP	LF353N	
CD03	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP		I403	1TDA4856—	IC H.OSC	TDA4856	
CD04	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP		I404	1K1A7824P-	IC REGULATOR	K1A7824AP	
CD05	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP		I404A	4857026900	HEAT SINK	AL EX	
I703	1K1A7042AP	IC RESET	KIA7042AP		I404B	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFZN	
I704	1UPC574J—	IC	UPC574J		I405	1LM358—	IC	KA358	
I705	1UPC574J—	IC	UPC574J		I407	1KA317—	IC REGULATOR	KA317	
L201	58C0000143	COIL CHOKE	ELC 0809 470K		I407A	4957002300	HEAT SINK	AL EX BK	
L202	58C0000143	COIL CHOKE	ELC 0809 470K		I407B	7174301011	SCREW TAPPTITE	TT2 RND 3X10 MFZN	
L203	58C0000143	COIL CHOKE	ELC 0809 470K		IF11	1LF353N—	IC OP AMP	LF353N	
L601	58C0000143	COIL CHOKE	ELC 0809 470K		IV11	1STK396130	IC VM	STK396-130	
L701	5CPX100J—	COIL PEAKING	PL 10UH J (TAPPING)		IV11A	4857027723	HEAT SINK	AL EX	
L702	5CPX220J—	COIL PEAKING	22UH J (RADIAL)		IV11B	4853954700	BRKT	SUS304 T0.5	
L703	58C0000143	COIL CHOKE	ELC 0809 470K		IV11C	7178300812	SCREW TAPTITE	TT2 WAS 3X8 BK	
LB05	58C0000143	COIL CHOKE	ELC 0809 470K		M381	4953804000	FRAME MAIN PCB	FR HIPS BK	
Q201	TKTC3191Y-	TR	KTC3191Y		M381A	7178301012	SCREW TAPPTITE	TT2 WAS 3X10 MFZN BK	

Service part list

z_loc	z_parts_code	parts_name	parts_descr	remark	z_loc	z_parts_code	parts_name	parts_descr	remark
P404	4959202620	CONN WAFER	YFW500-635		CF21	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP	
P405	4959202620	CONN WAFER	YFW500-635		CV15	CCXB3D221K	C CERA	2KV B 220PF K (TAPPING)	
P406	4959202620	CONN WAFER	YFW500-635		CV21	CEXF2C100V	C ELECTRO	160V RSS 10MF (10X16) TP	
PA401	4850711S01	CONNECTOR	YH025-11+YBNH250-11+ULW=100		CV24	CEXF2C220V	C ELECTRO	160V RSS 22MF (10X20) TP	
PA402	4850710S03	CONNECTOR	YH025-10+YBNH250-10+ULW=100		ZZ200	PTDEJBG018	PCB DEF M-10 AS	DSJ-5510CRK	
PA403	4850701S05	CONNECTOR	YFH800-01+YPT018+ULW=100		E301	4856310600	EYE LET	BSR T0.2 (R2.3)	
PWF1	4959202920	CONN WAFER	YWL500-04		E302	4856310600	EYE LET	BSR T0.2 (R2.3)	
Q402	TFJL6920—	TR HORI	FJL6920		E401	4856310300	EYE LET	BSR T0.2 (R1.6)	
Q402A	4857027540	HEAT SINK	AL EX BK H90 4 TERM PIN		E402	4856310300	EYE LET	BSR T0.2 (R1.6)	
Q402B	7174301011	SCREW TAPPTITE	TT2 RND 3X10 MFZN		E403	4856310300	EYE LET	BSR T0.2 (R1.6)	
Q402C	4857619500	INSU PLATE	SILICON RUBBER T0.3		E404	4856310300	EYE LET	BSR T0.2 (R1.6)	
Q404	TKTD998—	TR	KTD998		E405	4856310300	EYE LET	BSR T0.2 (R1.6)	
Q404A	4857027541	HEAT SINK	AL EX BK H120		E406	4856310300	EYE LET	BSR T0.2 (R1.6)	
Q404B	7174301011	SCREW TAPPTITE	TT2 RND 3X10 MFZN		E407	4856310300	EYE LET	BSR T0.2 (R1.6)	
Q414	T2SC2688L-	TR	2SC2688-L		E408	4856310600	EYE LET	BSR T0.2 (R2.3)	
QF13	TKSC5042F-	TR	KSC5042F		E409	4856310600	EYE LET	BSR T0.2 (R2.3)	
QF13A	4957002300	HEAT SINK	AL EX BK		E410	4856310600	EYE LET	BSR T0.2 (R2.3)	
QF13B	7174301011	SCREW TAPPTITE	TT2 RND 3X10 MFZN		E411	4856310600	EYE LET	BSR T0.2 (R2.3)	
QF14	TKSC5042F-	TR	KSC5042F		E412	4856310300	EYE LET	BSR T0.2 (R1.6)	
QF14A	4957002300	HEAT SINK	AL EX BK		E413	4856310300	EYE LET	BSR T0.2 (R1.6)	
QF14B	7174301011	SCREW TAPPTITE	TT2 RND 3X10 MFZN		E414	4856310300	EYE LET	BSR T0.2 (R1.6)	
RF16	RX05V561J-	R CEMENT	5W 560 OHM J VERTICAL		E415	4856310300	EYE LET	BSR T0.2 (R1.6)	
S401	4SG0DX0001	SPARK GAP	SSG-102-A1(1.0KV) TAP		E416	4856310300	EYE LET	BSR T0.2 (R1.6)	
T401	5DD0000022	TRANS H DRIVE	DTS-2218A1		E417	4856310300	EYE LET	BSR T0.2 (R1.6)	
T402	5DD0000023	TRANS H PIN DRIVE	DTS-3541A1		E418	4856310300	EYE LET	BSR T0.2 (R1.6)	
T403	50Y2834A1-	TRANS DUMMY	DTS-2834A1		E419	4856310600	EYE LET	BSR T0.2 (R2.3)	
ZZ200	PTDEJ0G018	PCB DEF ODD-SHAPE AS	DSJ-5510CRK		E420	4856310600	EYE LET	BSR T0.2 (R2.3)	
C303	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP		E421	4856310600	EYE LET	BSR T0.2 (R2.3)	
C308	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP		E422	4856310600	EYE LET	BSR T0.2 (R2.3)	
C310	CEXF1V221V	C ELECTRO	35V RSS 220MF (10X12.5)TP		E423	4856310600	EYE LET	BSR T0.2 (R2.3)	
C406	CEXF2C100V	C ELECTRO	160V RSS 10MF (10X16) TP		E424	4856310600	EYE LET	BSR T0.2 (R2.3)	
C425	CEXF2G220V	C ELECTRO	400V RSS 22MF (16X25) TP		E425	4856310600	EYE LET	BSR T0.2 (R2.3)	
C428	CEXF1V471V	C ELECTRO	35V RSS 470MF (10X20) TP		E426	4856310600	EYE LET	BSR T0.2 (R2.3)	
C430	CEXF1C222V	C ELECTRO	16V RSS 2200MF (16X31.5) TP		E427	4856310600	EYE LET	BSR T0.2 (R2.3)	
C450	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP		E428	4856310600	EYE LET	BSR T0.2 (R2.3)	
C473	CEXF1E471V	C ELECTRO	25V RSS 470MF (10X16) TP		E429	4856310600	EYE LET	BSR T0.2 (R2.3)	
C476	CMXF2E154J	C MYLAR	250V MPP 0.15MF J		E430	4856310600	EYE LET	BSR T0.2 (R2.3)	
CF11	CH1AEE472M	C CERA AC	2.5KV 4700PF M KH DE1307		E431	4856310300	EYE LET	BSR T0.2 (R1.6)	
CF12	CH1AEE472M	C CERA AC	2.5KV 4700PF M KH DE1307						

z_loc	z_parts_code	parts_name	parts_descr	remark	z_loc	z_parts_code	parts_name	parts_descr	remark
E432	4856310300	EYE LET	BSR T0.2 (R1.6)		RF46	RF01Z278K-	R FUSIBLE	1W 0.27 OHM K (TP)	
E433	4856310300	EYE LET	BSR T0.2 (R1.6)		RF47	RF01Z278K-	R FUSIBLE	1W 0.27 OHM K (TP)	
E434	4856310300	EYE LET	BSR T0.2 (R1.6)		RV13	RS02Z471JS	R M-OXIDE FILM	2W 470 OHM J SMALL	
E435	4856310300	EYE LET	BSR T0.2 (R1.6)		RV14	RS02Z471JS	R M-OXIDE FILM	2W 470 OHM J SMALL	
E436	4856310300	EYE LET	BSR T0.2 (R1.6)		RV15	RF01Z221J-	R FUSIBLE	1W 220 OHM J (TAPPING)	
E437	4856310300	EYE LET	BSR T0.2 (R1.6)		RV16	RF01Z221J-	R FUSIBLE	1W 220 OHM J (TAPPING)	
E438	4856310300	EYE LET	BSR T0.2 (R1.6)		RV17	RF01Z221J-	R FUSIBLE	1W 220 OHM J (TAPPING)	
E439	4856310300	EYE LET	BSR T0.2 (R1.6)		RV18	RS02Z750JS	R M-OXIDE FILM	2W 75 OHM J SMALL	
E440	4856310300	EYE LET	BSR T0.2 (R1.6)		RV19	RF01Z100J-	R FUSIBLE	1W 10 OHM J (TAPPING)	
E441	4856310300	EYE LET	BSR T0.2 (R1.6)		RV20	RF01Z100J-	R FUSIBLE	1W 10 OHM J (TAPPING)	
E442	4856310300	EYE LET	BSR T0.2 (R1.6)		ZZ200	PTDEJRG018	PCB DEF RADIAL AS	DSJ-5510CRK	
EV11	4856310600	EYE LET	BSR T0.2 (R2.3)		C304	CMXL1J105J	C MYLAR	63V MEU 1MF J	
EV12	4856310600	EYE LET	BSR T0.2 (R2.3)		C306	CXCH1H101J	C CERA	50V CH 100PF J (TAPPING)	
P408	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)		C309	CMXL1J224J	C MYLAR	63V MEU 0.22MF J (TP)	
P409	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)		C311	CMXB2A103J	C MYLAR	100V EU 0.01MF J (TP)	
P410	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)		C313	CXCH1H101J	C CERA	50V CH 100PF J (TAPPING)	
P411	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)		C314	CMXL1J104J	C MYLAR	63V MEU 0.1MF J	
PB801	485923522S	CONN WAFER	YW025-09 (STICK)		C318	CMXL1J562J	C MYLAR	MEU 63V 5600PF J	
PN11	485923512S	CONN WAFER	YW025-08 (STICK)		C322	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)	
PV11	485923162S	CONN WAFER	YW025-03 (STICK)		C401	CEXF1H109V	C ELECTRO	50V RSS 1MF (5X11) TP	
PV12	485923162S	CONN WAFER	YW025-03 (STICK)		C402	CCXB1H681K	C CERA	50V B 680PF K (TAPPING)	
PV13	485923162S	CONN WAFER	YW025-03 (STICK)		C403	CMXL1J105J	C MYLAR	63V MEU 1MF J	
R307	RF02Z109J-	R FUSIBLE	2W 1 OHM J (TAPPING)		C404	CEXF1H101V	C ELECTRO	50V RSS 100MF (8X11.5) TP	
R312	RF01Z109J-	R FUSIBLE	1W 1 OHM J (TAPPING)		C405	CCXB3D101K	C CERA	2KV B 100PF J (TAPPING)	
R313	RF01Z209J-	R FUSIBLE	1W 2 OHM J (TAPPING)		C411	CXCH1H101J	C CERA	50V CH 100PF J (TAPPING)	
R317	RF01Z159J-	R FUSIBLE	1W 1.5 OHM J (TAPPING)		C412	CCXB1H561K	C CERA	50V B 560PF K (TAPPING)	
R405	RF01Z109J-	R FUSIBLE	1W 1 OHM J (TAPPING)		C413	CXCH1H220J	C CERA	50V CH 22PF J (TAPPING)	
R406	RS01Z911J-	R M-OXIDE FILM	1W 910 OHM J		C414	CXCH1H470J	C CERA	50V CH 47PF J (TAPPING)	
R407	RF02Z478K-	R FUSIBLE	2W 0.47 OHM K (TAPPING)		C416	CXCH1H101J	C CERA	50V CH 100PF J (TAPPING)	
R409	RF01Z109J-	R FUSIBLE	1W 1 OHM J (TAPPING)		C417	CEXF2C109V	C ELECTRO	160V RSS 1MF (6.3X11) TP	
R443	RF01Z109J-	R FUSIBLE	1W 1 OHM J (TAPPING)		C418	CXCH1H101J	C CERA	50V CH 100PF J (TAPPING)	
R445	RF01Z209J-	R FUSIBLE	1W 2 OHM J (TAPPING)		C419	CCXF1H103Z	C CERA	50V F 0.01MF Z (TAPPING)	
R461	RF01Z278K-	R FUSIBLE	1W 0.27 OHM K (TP)		C420	CCXF1H103Z	C CERA	50V F 0.01MF Z (TAPPING)	
RF17	RF01Z100J-	R FUSIBLE	1W 10 OHM J (TAPPING)		C421	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	
RF18	RS03Z753JS	R M-OXIDE FILM	3W 75K OHM J SMALL		C422	CMXM2A562J	C MYLAR	100V 5600PF J (TP)	
RF19	RS03Z753JS	R M-OXIDE FILM	3W 75K OHM J SMALL		C423	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP	
RF20	RS03Z753JS	R M-OXIDE FILM	3W 75K OHM J SMALL		C424	CCXF1H104Z	C CERA	50V F 0.1MF Z	
RF44	RS03Z753JS	R M-OXIDE FILM	3W 75K OHM J SMALL		C426	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)	
RF45	RF01Z278K-	R FUSIBLE	1W 0.27 OHM K (TP)		C427	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP	

Service part list

z_loc	z_parts_code	parts_name	parts_descr	remark	z_loc	z_parts_code	parts_name	parts_descr	remark
C429	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)		Q411	TKTC1026Y-	TR	KTC1026Y (TP)	
C431	CMXL1J154J	C MYLAR	63V MEU 0.15MF J		Q412	TKTC3198Y-	TR	KTC3198Y	
C433	CMXM2A822J	C MYLAR	100V 8200PF J (TP)		Q413	TKTA1277Y-	TR	KTA1277Y	
C434	CMXL1J104J	C MYLAR	63V MEU 0.1MF J		QF11	TKTA1266Y-	TR	KTA1266Y (TP)	
C435	CMXE2A103G	C MYLAR	100V PU 0.01MF G		QF12	TKTC3198Y-	TR	KTC3198Y	
C453	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP		QF15	TKTA1266Y-	TR	KTA1266Y (TP)	
C454	CCXF1H104Z	C CERA	50V F 0.1MF Z		QF16	TKTC3198Y-	TR	KTC3198Y	
C457	CMXM2A823J	C MYLAR	100V 0.082MF J (TP)		QF17	TKTC3198Y-	TR	KTC3198Y	
C458	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP		QF18	TKTC3198Y-	TR	KTC3198Y	
C472	CMXM2A104J	C MYLAR	100V 0.1MF J (TP)		ZZ200	PTDEJAG018	PCB DEF AXIAL AS	DSJ-5510CRK	
C474	CEXF1V101V	C ELECTRO	35V RSS 100MF (8X11.5) TP		A001	4859812824	PCB DEFLECTION	330X246 CEM-1 1.6T	
C475	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP		CV11	CZCH1H220J	C CERA	50V CH 22PF J (AXIAL)	
CF10	CEXF1E221V	C ELECTRO	25V RSS 220MF (8X11.5) TP		CV13	CCZB1H561K	C CERA	50V B 560PF K	
CF15	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP		CV17	CZCH1H220J	C CERA	50V CH 22PF J (AXIAL)	
CF16	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP		CV18	CZCH1H220J	C CERA	50V CH 22PF J (AXIAL)	
CF17	CCXF1H104Z	C CERA	50V F 0.1MF Z		CV19	CZCH1H220J	C CERA	50V CH 22PF J (AXIAL)	
CF18	CEXF1C101V	C ELECTRO	16V RSS 100MF (6.3X11) TP		CV22	CBZF1H104Z	C CERA SEMI	50V F 0.1MF Z	
CF19	CCXF1H104Z	C CERA	50V F 0.1MF Z		D301	DRGP15J—	DIODE	RGP15J DO-204AC 600V 1.5A	
CF22	CEXF1H100V	C ELECTRO	50V RSS 10MF (5X11) TP		D302	DUZ5R6BM—	DIODE ZENER	UZ-5.6BM	
CV12	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP		D401	DRGP15J—	DIODE	RGP15J DO-204AC 600V 1.5A	
CV15V	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP		D402	D1N4148—	DIODE	1N4148 (TAPPING)	
CV16	CMXL2E104K	C MYLAR	250V MEU 0.1MF K		D405	DRGP15J—	DIODE	RGP15J DO-204AC 600V 1.5A	
CV23	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP		D410	D1N4148—	DIODE	1N4148 (TAPPING)	
CV23V	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP		D411	DRGP15J—	DIODE	RGP15J DO-204AC 600V 1.5A	
CV25	CMXL2E104K	C MYLAR	250V MEU 0.1MF K		D412	DUZ12BM—	DIODE ZENER	UZ-12BM (UNIZON)	
L302	5CPX151J—	COIL PEAKING	150UH J (RADIAL)		D413	D1N4148—	DIODE	1N4148 (TAPPING)	
L303	5CPX829K—	COIL PEAKING	8.2UH K (RADIAL)		D414	DUZ12BM—	DIODE ZENER	UZ-12BM (UNIZON)	
L401	5CPX101J—	COIL PEAKING	PL 100UH J (TAPPING)		D415	DRGP15J—	DIODE	RGP15J DO-204AC 600V 1.5A	
L403	5CPX471J—	COIL PEAKING	470UH J (RADIAL)		D416	D1N4148—	DIODE	1N4148 (TAPPING)	
L411	5CPX101J—	COIL PEAKING	PL 100UH J (TAPPING)		D418	DUZ12BM—	DIODE ZENER	UZ-12BM (UNIZON)	
LF11	5CPX101J—	COIL PEAKING	PL 100UH J (TAPPING)		D419	DRGP15J—	DIODE	RGP15J DO-204AC 600V 1.5A	
LV11	5CPX102J—	COIL PEAKING	PL 1000UH J (TAPPING)		D420	D1N4148—	DIODE	1N4148 (TAPPING)	
LV12	5CPX102J—	COIL PEAKING	PL 1000UH J (TAPPING)		D421	D1N4004S—	DIODE	1N4004S	
Q301	TKTC3198Y-	TR	KTC3198Y		D422	DUZ12BM—	DIODE ZENER	UZ-12BM (UNIZON)	
Q401	TKTC1026Y-	TR	KTC1026Y (TP)		D424	DUZ5R18M—	DIODE ZENER	UZ-5.18M	
Q403	TKTC1026Y-	TR	KTC1026Y (TP)		D425	DUZ12BM—	DIODE ZENER	UZ-12BM (UNIZON)	
Q406	TKTC3198Y-	TR	KTC3198Y		D426	D1N4148—	DIODE	1N4148 (TAPPING)	
Q407	TKTA1266Y-	TR	KTA1266Y (TP)		D429	D1N4148—	DIODE	1N4148 (TAPPING)	
Q408	TKTC3198Y-	TR	KTC3198Y		D430	DUZ12BM—	DIODE ZENER	UZ-12BM (UNIZON)	

[illegible]

Service part list

z_loc	z_parts_code	parts_name	parts_descr	remark	z_loc	z_parts_code	parts_name	parts_descr	remark
J469	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R306	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
J470	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R308	RN-AZ5601F	R METAL FILM	1/6 5.6K OHM F	
J471	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R309	RN-AZ6801F	R METAL FILM	1/6 6.8K OHM F	
J472	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R310	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J	
J473	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R311	RN-AZ5601F	R METAL FILM	1/6 5.6K OHM F	
J474	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R314	RD-2Z101J-	R CARBON FILM	1/2 100 OHM J	
J475	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R315	RD-2Z101J-	R CARBON FILM	1/2 100 OHM J	
J476	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R316	RD-2Z101J-	R CARBON FILM	1/2 100 OHM J	
J477	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R323	RN-AZ6201F	R METAL FILM	1/6 6.20K OHM F	
J478	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R401	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	
J479	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R402	RD-AZ332J-	R CARBON FILM	1/6 3.3K OHM J	
J480	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R403	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
J481	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R404	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J	
J482	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R408	RD-2Z100J-	R CARBON FILM	1/2 10 OHM J	
J483	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R410	RN-AZ1802F	R METAL FILM	1/6 18K OHM F	
J484	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R411	RN-AZ1001F	R METAL FILM	1/6 1K OHM F	
J485	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R412	RN-AZ2200F	R METAL FILM	1/6 220 OHM F	
J486	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R413	RN-AZ2202F	R METAL FILM	1/6 22K OHM F	
J487	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R414	RD-AZ511J-	R CARBON FILM	1/6 510 OHM J	
J488	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R415	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
J489	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R416	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	
J490	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R417	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J	
J491	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R418	RD-AZ562J-	R CARBON FILM	1/6 5.6K OHM J	
J492	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R419	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J	
J493	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R420	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
J494	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R421	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	
J495	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R422	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J	
L402	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R423	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J	
L404	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R424	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	
L405	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R425	RN-AZ1503F	R METAL FILM	1/6 150K OHM F	
L406	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R426	RN-AZ6801F	R METAL FILM	1/6 6.8K OHM F	
L407	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R427	RN-AZ2200F	R METAL FILM	1/6 220 OHM F	
L408	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R428	RN-AZ3301F	R METAL FILM	1/6 3.3K OHM F	
L409	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R429	RN-AZ2202F	R METAL FILM	1/6 22K OHM F	
L410	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R430	RN-AZ1000F	R METAL FILM	1/6W 100 OHM F	
R301	RN-AZ6801F	R METAL FILM	1/6 6.8K OHM F		R431	RN-AZ5101F	R METAL FILM	1/6 5.1K OHM F	
R302	RN-AZ6201F	R METAL FILM	1/6 6.20K OHM F		R432	RN-AZ1002F	R METAL FILM	1/6 10K OHM F	
R304	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J		R433	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R305	RD-4Z159J-	R CARBON FILM	1/4 1.5 OHM J						

z_loc	z_parts_code	parts_name	parts_descr	remark	z_loc	z_parts_code	parts_name	parts_descr	remark
R434	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		R479	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R435	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J		R480	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R436	RD-AZ163J-	R CARBON FILM	1/6 16K OHM J		R481	RD-AZ122J-	R CARBON FILM	1/6 1.2K OHM J	
R437	RN-AZ1101F	R METAL FILM	1/6 1.10K OHM F		R484	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R438	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J		R485	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R439	RN-AZ1002F	R METAL FILM	1/6 10K OHM F		R486	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R440	RN-AZ1001F	R METAL FILM	1/6 1K OHM F		R489	RN-AZ2202F	R METAL FILM	1/6 22K OHM F	
R441	RN-AZ1002F	R METAL FILM	1/6 10K OHM F		R490	RN-AZ1201F	R METAL FILM	1/6 1.20K OHM F	
R442	RD-4Z751J-	R CARBON FILM	1/4 750 OHM J		R492	RN-AZ2701F	R METAL FILM	1/6 2.7K OHM F	
R444	RN-AZ1502F	R METAL FILM	1/6 15K OHM F		R493	RN-AZ3301F	R METAL FILM	1/6 3.3K OHM F	
R446	RD-AZ105J-	R CARBON FILM	1/6 1M OHM J		R494	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J	
R447	RD-AZ104J-	R CARBON FILM	1/6 100K OHM J		RF10	RN-AZ2002F	R METAL FILM	1/6 20.0K OHM F	
R448	RD-2Z474J-	R CARBON FILM	1/2 470K OHM J		RF11	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	
R449	RN-AZ1002F	R METAL FILM	1/6 10K OHM F		RF12	RN-AZ2002F	R METAL FILM	1/6 20.0K OHM F	
R450	RD-AZ681J-	R CARBON FILM	1/6 680 OHM J		RF13	RN-AZ4701F	R METAL FILM	1/6 4.7K OHM F	
R451	RD-AZ153J-	R CARBON FILM	1/6 15K OHM J		RF15	RN-AZ3601F	R METAL FILM	1/6 3.60K OHM F	
R452	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		RF21	RD-4Z224J-	R CARBON FILM	1/4 220K OHM J	
R453	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		RF22	RD-4Z224J-	R CARBON FILM	1/4 220K OHM J	
R454	RD-4Z273J-	R CARBON FILM	1/4 27K OHM J		RF23	RD-4Z114J-	R CARBON FILM	1/4 110K OHM J	
R455	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J		RF24	RD-4Z114J-	R CARBON FILM	1/4 110K OHM J	
R456	RD-AZ105J-	R CARBON FILM	1/6 1M OHM J		RF25	RD-4Z114J-	R CARBON FILM	1/4 110K OHM J	
R457	RD-4Z102J-	R CARBON FILM	1/4 1K OHM J		RF26	RD-4Z224J-	R CARBON FILM	1/4 220K OHM J	
R458	RD-AZ202J-	R CARBON FILM	1/6 2K OHM J		RF27	RD-4Z364J-	R CARBON FILM	1/4 360K OHM J	
R460	RD-AZ684J-	R CARBON FILM	1/6 680K OHM J		RF28	RD-4Z364J-	R CARBON FILM	1/4 360K OHM J	
R462	RD-4Z333J-	R CARBON FILM	1/4 33K OHM J		RF29	RD-4Z184J-	R CARBON FILM	1/4 180K OHM J	
R463	RD-4Z131J-	R CARBON FILM	1/4 130 OHM J		RF30	RD-4Z184J-	R CARBON FILM	1/4 180K OHM J	
R464	RD-4Z221J-	R CARBON FILM	1/4 220 OHM J		RF31	RD-4Z184J-	R CARBON FILM	1/4 180K OHM J	
R465	RD-4Z274J-	R CARBON FILM	1/4 270K OHM J		RF32	RD-4Z184J-	R CARBON FILM	1/4 180K OHM J	
R466	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J		RF33	RD-2Z562J-	R CARBON FILM	1/2 5.6K OHM J	
R467	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J		RF36	RD-AZ133J-	R CARBON FILM	1/6 13K OHM J	
R468	RD-AZ183J-	R CARBON FILM	1/6 18K OHM J		RF37	RN-AZ4302F	R METAL FILM	1/6 43.0K OHM F	
R469	RD-AZ243J-	R CARBON FILM	1/6 24K OHM J		RF38	RN-AZ2200F	R METAL FILM	1/6 220 OHM F	
R470	RD-AZ202J-	R CARBON FILM	1/6 2K OHM J		RF40	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	
R471	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J		RF401	RN-AZ9103F	R METAL FILM	1/6 910K OHM F	
R472	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		RF402	RD-AZ684J-	R CARBON FILM	1/6 680K OHM J	
R473	RD-AZ561J-	R CARBON FILM	1/6 560 OHM J		RF403	RD-AZ684J-	R CARBON FILM	1/6 680K OHM J	
R474	RD-AZ272J-	R CARBON FILM	1/6 2.7K OHM J		RF404	RD-AZ684J-	R CARBON FILM	1/6 680K OHM J	
R475	RD-AZ563J-	R CARBON FILM	1/6 56K OHM J		RF405	RD-AZ364J-	R CARBON FILM	1/6 360K OHM J	
R477	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J		RF406	RD-AZ364J-	R CARBON FILM	1/6 360K OHM J	

Service part list

z_loc	z_parts_code	parts_name	parts_descr	remark	z_loc	z_parts_code	parts_name	parts_descr	remark
RF407	RD-AZ364J-	R CARBON FILM	1/6 360K OHM J		C831	CEYF2C221V	C ELECTRO	160V RSS 220MF (18X35.5)	
RF408	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		C832	CEYF2C221V	C ELECTRO	160V RSS 220MF (18X35.5)	
RF409	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		C858	CEYF1E332V	C ELECTRO	25V RSS 3300MF (16X31.5)	
RF41	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J		C859	CEYF1E332V	C ELECTRO	25V RSS 3300MF (16X31.5)	
RF410	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		C882	CH1BFE222M	C CERA AC	U/CV AC400V 2200PF	
RF411	RD-AZ203J-	R CARBON FILM	1/6 20K OHM J		C885	CMXM2A334J	C MYLAR	100V 0.33MF J BULK	
RF412	RD-AZ203J-	R CARBON FILM	1/6 20K OHM J		C886	CMXM2A334J	C MYLAR	100V 0.33MF J BULK	
RF413	RD-AZ203J-	R CARBON FILM	1/6 20K OHM J		D805	DR2KY—	DIODE AVALANCHE	R 2-KY (TAPPING)	
RF414	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J		D808	DPBS606GU-	DIODE BRIDGE	PBS606G	
RF415	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J		D808A	4857027717	HEAT SINK	AL EX	
RF416	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J		D808B	7174301011	SCREW TAPPTITE	TT2 RND 3X10 MFZN	
RF417	RD-AZ104J-	R CARBON FILM	1/6 100K OHM J		D816	DRGP30J—	DIODE	RGP30J DO-201AD 600V 3A	
RF418	RD-AZ203J-	R CARBON FILM	1/6 20K OHM J		D818	DFMLG12S—	DIODE	FML-G12S	
RF419	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		D819	DRGP30J—	DIODE	RGP30J DO-201AD 600V 3A	
RF42	RN-AZ2202F	R METAL FILM	1/6 22K OHM F		D820	DRGP30J—	DIODE	RGP30J DO-201AD 600V 3A	
RF420	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		D821	DFMLG12S—	DIODE	FML-G12S	
RF421	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		D821A	4857026902	HEAT SINK	AL EX BK	
RF422	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J		D821B	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFZN	
RF43	RD-AZ122J-	R CARBON FILM	1/6 1.2K OHM J		D826	DFMLG12S—	DIODE	FML-G12S	
RV11	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J		D826A	4857026900	HEAT SINK	AL EX	
RV12	RD-AZ111J-	R CARBON FILM	1/6 110 OHM J		D826B	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFZN	
ZZ400	PTPWMSG003	PCB POWER MANUAL AS	DSJ-5510CRA		D827	DFMLG12S—	DIODE	FML-G12S	
C801	CL1UC3104M	C LINE ACROSS	WORLD AC250V 0.1UF M R.47		D827A	4857026900	HEAT SINK	AL EX	
C802	CL1UC3104M	C LINE ACROSS	WORLD AC250V 0.1UF M R.47		D827B	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFZN	
C803	CL1UC3104M	C LINE ACROSS	WORLD AC250V 0.1UF M R.47		D828	DFMLG12S—	DIODE	FML-G12S	
C804	CH1BFE472M	C CERA AC	AC400V 4700PF M U/CV		D828A	4857027802	HEAT SINK	AL EX	
C805	CH1BFE472M	C CERA AC	AC400V 4700PF M U/CV		D828B	7174301011	SCREW TAPPTITE	TT2 RND 3X10 MFZN	
C808	CH1BFE472M	C CERA AC	AC400V 4700PF M U/CV		D829	DFMLG12S—	DIODE	FML-G12S	
C809	CEYD2G471D	C ELECTRO	400V FHS 470MF (35X45)		D829A	4857027802	HEAT SINK	AL EX	
C811	CH1BFE472M	C CERA AC	AC400V 4700PF M U/CV		D829B	7174301011	SCREW TAPPTITE	TT2 RND 3X10 MFZN	
C812	CH1BFE472M	C CERA AC	AC400V 4700PF M U/CV		D832	DRGP30J—	DIODE	RGP30J DO-201AD 600V 3A	
C813	CH1BFE472M	C CERA AC	AC400V 4700PF M U/CV		F801	5F1GB6321L	FUSE GLASS TUBE	UL/CSA TL 6.3A 125V MF51	
C814	CH1BFE472M	C CERA AC	AC400V 4700PF M U/CV		I801	1T0P232P—	IC STAND BY	TOP232P	
C816	CEYD2G471D	C ELECTRO	400V FHS 470MF (35X45)		I802	1STRF6656-	IC POWER	STR-F6656	
C817	CMYH3C122J	C MYLAR	1.6KV BUP 1200PF J		I802A	4857027539	HEAT SINK	AL EX H80 4 TERM PIN	
C820	CMYH3C752J	C MYLAR	1.6KV BUP 7500PF J		I802B	7174301011	SCREW TAPPTITE	TT2 RND 3X10 MFZN	
C821	CMYH3C122J	C MYLAR	1.6KV BUP 1200PF J		I803	1STRF6656-	IC POWER	STR-F6656	
C825	CH1BFE152M	C CERA AC	U/CV 4KV AC400V 1500PFSD		I803A	4857027539	HEAT SINK	AL EX H80 4 TERM PIN	
C826	CMYH3C752J	C MYLAR	1.6KV BUP 7500PF J		I803B	7174301011	SCREW TAPPTITE	TT2 RND 3X10 MFZN	

z_loc	z_parts_code	parts_name	parts_descr	remark	z_loc	z_parts_code	parts_name	parts_descr	remark
I804	1LTV817C—	IC PHOTO COUPLER	LTV-817C		R812	RX10T339J-	R CEMENT	10W 3.3 OHM J TRIPOD	
I805	1LTV817C—	IC PHOTO COUPLER	LTV-817C		R820	RW02Z158JN	R WIRE WOUND	2W 0.15 OHM J NON-INDUCT	
I806	1SE135N—	IC AMP	SE135N		R828	RW02Y158FS	R WIRE WOUND	2W 0.15 OHM F SMALL	
I807	1K1A7805P1	IC REGULATOR	KIA7805API		R833	RW02Y158FS	R WIRE WOUND	2W 0.15 OHM F SMALL	
807A	4857027802	HEAT SINK	AL EX		RLY1	5SC0202334	SW RELAY	DJSD2-Q(M)-0.25W	
I807B	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFZN		S802	DDSA452T05	VARISTOR	DSA-622M-U05A	
I808	1K1A7812P1	IC REGULATOR	KIA7812API		T801	50M2229B1-	TRANS STAND-BY	DTS-2229B1	
I808A	4957002300	HEAT SINK	AL EX BK		T802	50M5555B2M	TRANS SMPS	DTS-5555B2M	
I808B	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFZN		T803	50M5555B1-	TRANS SMPS	DTS-5555B1	
I809	1K1A7809P1	IC REGULATOR	K1A7809API		Z801	DSVC471D14	VARISTOR	SVC471D14A (BULK)	
I809A	4957002300	HEAT SINK	AL EX BK		Z802	DSVC471D14	VARISTOR	SVC471D14A (BULK)	
I809B	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFZN		Z803	DSVC471D14	VARISTOR	SVC471D14A (BULK)	
I811	1K1A7805P1	IC REGULATOR	KIA7805API		ZZ200	PTPWJ0G003	PCB POWER ODD SHAPE (RHU) AS	DSJ-5510CRA	
I811A	4957002300	HEAT SINK	AL EX BK		C806	CEXF2G220V	C ELECTRO	400V RSS 22MF (16X25) TP	
I811B	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFZN		C828	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP	
I812	1K1A7805P1	IC REGULATOR	KIA7805API		C829	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP	
I812A	4957002300	HEAT SINK	AL EX BK		C830	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP	
I812B	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFZN		C833	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP	
I813	1K1A7805P1	IC REGULATOR	KIA7805API		C834	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP	
I813A	4857026900	HEAT SINK	AL EX		C835	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP	
I813B	7174300811	SCREW TAPPTITE	TT2 RND 3X8 MFZN		C836	CEXF2E330V	C ELECTRO	250V RSS 33MF (13X25) TP	
L801	5PLF35A4—	FILTER LINE	LF-35A4		C837	CEXF2E330V	C ELECTRO	250V RSS 33MF (13X25) TP	
L802	5PLF35A4—	FILTER LINE	LF-35A4		C838	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP	
L807	58C0000090	COIL CHOKE	L-45S		C839	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP	
L809	58C0000090	COIL CHOKE	L-45S		C840	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP	
L814	58C0000090	COIL CHOKE	L-45S		C841	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP	
L815	58C0000090	COIL CHOKE	L-45S		C842	CEXF1V102V	C ELECTRO	35V RSS 1000MF (13X25) TP	
L816	58C4500079	COIL CHOKE	L-45		C843	CEXF1V102V	C ELECTRO	35V RSS 1000MF (13X25) TP	
L817	58C4500079	COIL CHOKE	L-45		C844	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP	
L827	5PLF35A4—	FILTER LINE	LF-35A4		C845	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP	
M352	4853535500	HOLDER AC CORD	NYLON 66		C846	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP	
M382	4953804100	FRAME SUB PCB	FR HIPS BK		C847	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP	
M382A	7178301012	SCREW TAPPTITE	TT2 WAS 3X10 MFZN BK		C848	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP	
PA802	4859235420	CONN WAFER	YW025-11		C849	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP	
PA803	4859235320	CONN WAFER	YW025-10		C850	CEXF1C102V	C ELECTRO	16V RSS 1000MF (10X20) TP	
PC801	48599BL000	CORD POWER AS	UL PA208R+YHL500=2.4M (LF)		C852	CEXF1V102V	C ELECTRO	35V RSS 1000MF (13X25) TP	
PW801	4959202820	CONN WAFER	YWL500-03A		C853	CEXF1V102V	C ELECTRO	35V RSS 1000MF (13X25) TP	
R808	RS02Y473J-	R M-OXIDE FILM	2W 47K OHM J		C854	CEXF1V102V	C ELECTRO	35V RSS 1000MF (13X25) TP	
R810	RW02Z108JN	R WIRE WOUND	2W 0.1 OHM J NON-INDUCT		C855	CEXF1V102V	C ELECTRO	35V RSS 1000MF (13X25) TP	

Service part list

z_loc	z_parts_code	parts_name	parts_descr	remark	z_loc	z_parts_code	parts_name	parts_descr	remark
C856	CEXF1C332V	C ELECTRO	16V RSS 3300MF (16X25) TP		E831	4856310600	EYE LET	BSR T0.2 (R2.3)	
C857	CEXF1C332V	C ELECTRO	16V RSS 3300MF (16X25) TP		E832	4856310600	EYE LET	BSR T0.2 (R2.3)	
C861	CEXF1E102V	C ELECTRO	25V RSS 1000MF (13X20) TP		E833	4856310600	EYE LET	BSR T0.2 (R2.3)	
C862	CEXF1E102V	C ELECTRO	25V RSS 1000MF (13X20) TP		E834	4856310600	EYE LET	BSR T0.2 (R2.3)	
C863	CEXF1E102V	C ELECTRO	25V RSS 1000MF (13X20) TP		E835	4856310600	EYE LET	BSR T0.2 (R2.3)	
C864	CEXF1E102V	C ELECTRO	25V RSS 1000MF (13X20) TP		E836	4856310600	EYE LET	BSR T0.2 (R2.3)	
C865	CEXF1C332V	C ELECTRO	16V RSS 3300MF (16X25) TP		E837	4856310600	EYE LET	BSR T0.2 (R2.3)	
ZZ200	PTPWJBG003	PCB POWER M-10 AS	DSJ-5510CRA		E838	4856310600	EYE LET	BSR T0.2 (R2.3)	
E801	4856310600	EYE LET	BSR T0.2 (R2.3)		E839	4856310600	EYE LET	BSR T0.2 (R2.3)	
E802	4856310600	EYE LET	BSR T0.2 (R2.3)		E840	4856310600	EYE LET	BSR T0.2 (R2.3)	
E803	4856310600	EYE LET	BSR T0.2 (R2.3)		E841	4856310600	EYE LET	BSR T0.2 (R2.3)	
E804	4856310600	EYE LET	BSR T0.2 (R2.3)		E842	4856310600	EYE LET	BSR T0.2 (R2.3)	
E805	4856310600	EYE LET	BSR T0.2 (R2.3)		E843	4856310600	EYE LET	BSR T0.2 (R2.3)	
E806	4856310600	EYE LET	BSR T0.2 (R2.3)		E844	4856310600	EYE LET	BSR T0.2 (R2.3)	
E807	4856310600	EYE LET	BSR T0.2 (R2.3)		E845	4856310600	EYE LET	BSR T0.2 (R2.3)	
E808	4856310600	EYE LET	BSR T0.2 (R2.3)		E846	4856310600	EYE LET	BSR T0.2 (R2.3)	
E809	4856310300	EYE LET	BSR T0.2 (R1.6)		E847	4856310600	EYE LET	BSR T0.2 (R2.3)	
E810	4856310300	EYE LET	BSR T0.2 (R1.6)		E848	4856310600	EYE LET	BSR T0.2 (R2.3)	
E811	4856310600	EYE LET	BSR T0.2 (R2.3)		E849	4856310300	EYE LET	BSR T0.2 (R1.6)	
E812	4856310600	EYE LET	BSR T0.2 (R2.3)		E850	4856310300	EYE LET	BSR T0.2 (R1.6)	
E813	4856310600	EYE LET	BSR T0.2 (R2.3)		E851	4856310300	EYE LET	BSR T0.2 (R1.6)	
E814	4856310600	EYE LET	BSR T0.2 (R2.3)		E852	4856310300	EYE LET	BSR T0.2 (R1.6)	
E815	4856310600	EYE LET	BSR T0.2 (R2.3)		E853	4856310600	EYE LET	BSR T0.2 (R2.3)	
E816	4856310600	EYE LET	BSR T0.2 (R2.3)		E854	4856310600	EYE LET	BSR T0.2 (R2.3)	
E817	4856310600	EYE LET	BSR T0.2 (R2.3)		E857	4856310600	EYE LET	BSR T0.2 (R2.3)	
E818	4856310600	EYE LET	BSR T0.2 (R2.3)		E858	4856310600	EYE LET	BSR T0.2 (R2.3)	
E819	4856310600	EYE LET	BSR T0.2 (R2.3)		E859	4856310600	EYE LET	BSR T0.2 (R2.3)	
E820	4856310600	EYE LET	BSR T0.2 (R2.3)		E860	4856310600	EYE LET	BSR T0.2 (R2.3)	
E821	4856310600	EYE LET	BSR T0.2 (R2.3)		E861	4856310600	EYE LET	BSR T0.2 (R2.3)	
E822	4856310600	EYE LET	BSR T0.2 (R2.3)		E862	4856310600	EYE LET	BSR T0.2 (R2.3)	
E823	4856310600	EYE LET	BSR T0.2 (R2.3)		E863	4856310600	EYE LET	BSR T0.2 (R2.3)	
E824	4856310600	EYE LET	BSR T0.2 (R2.3)		E864	4856310600	EYE LET	BSR T0.2 (R2.3)	
E825	4856310600	EYE LET	BSR T0.2 (R2.3)		E865	4856310600	EYE LET	BSR T0.2 (R2.3)	
E826	4856310600	EYE LET	BSR T0.2 (R2.3)		E866	4856310600	EYE LET	BSR T0.2 (R2.3)	
E827	4856310300	EYE LET	BSR T0.2 (R1.6)		E867	4856310300	EYE LET	BSR T0.2 (R1.6)	
E828	4856310300	EYE LET	BSR T0.2 (R1.6)		E868	4856310600	EYE LET	BSR T0.2 (R2.3)	
E829	4856310600	EYE LET	BSR T0.2 (R2.3)		E869	4856310600	EYE LET	BSR T0.2 (R2.3)	
E830	4856310600	EYE LET	BSR T0.2 (R2.3)		E870	4856310600	EYE LET	BSR T0.2 (R2.3)	
					E871	4856310600	EYE LET	BSR T0.2 (R2.3)	

z_loc	z_parts_code	parts_name	parts_descr	remark	z_loc	z_parts_code	parts_name	parts_descr	remark
E872	4856310300	EYE LET	BSR T0.2 (R1.6)		C876	CCXB3A102K	C CERA	1KV B 1000PF K (TAPPING)	
E873	4856310300	EYE LET	BSR T0.2 (R1.6)		C877	CCXB3A102K	C CERA	1KV B 1000PF K (TAPPING)	
E874	4856310300	EYE LET	BSR T0.2 (R1.6)		C878	CCXB3A102K	C CERA	1KV B 1000PF K (TAPPING)	
E875	4856310300	EYE LET	BSR T0.2 (R1.6)		C879	CCXB3A102K	C CERA	1KV B 1000PF K (TAPPING)	
P801	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)		C880	CCXB3A102K	C CERA	1KV B 1000PF K (TAPPING)	
P802	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)		C881	CCXB3A102K	C CERA	1KV B 1000PF K (TAPPING)	
P804	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)		C884	CCXB3A102K	C CERA	1KV B 1000PF K (TAPPING)	
P805	4857417500	TERM PIN	DA-IB0214(D2.3/DY PIN)		F801A	4857415001	CLIP FUSE	PFC5000-0702	
PA801	485923522S	CONN WAFER	YW025-09 (STICK)		F801B	4857415001	CLIP FUSE	PFC5000-0702	
R809	RS02Z183JS	R M-OXIDE FILM	2W 18K OHM J SMALL		I819	1KA431AZ—	IC REGULATOR	KA431AZ 1% TO-92	
R811	RS02Z473J-	R M-OXIDE FILM	2W 47K OHM J (TAPPING)		L805	58C0000143	COIL CHOKE	ELC 0809 470K	
R817	RS02Z183JS	R M-OXIDE FILM	2W 18K OHM J SMALL		L806	58C0000143	COIL CHOKE	ELC 0809 470K	
R823	RS02Z183JS	R M-OXIDE FILM	2W 18K OHM J SMALL		L808	58C0000143	COIL CHOKE	ELC 0809 470K	
R824	RS02Z183JS	R M-OXIDE FILM	2W 18K OHM J SMALL		L810	58C0000143	COIL CHOKE	ELC 0809 470K	
R830	RS02Z278JS	R M-OXIDE FILM	2W 0.27 OHM J SMALL		L811	58C0000143	COIL CHOKE	ELC 0809 470K	
R832	RS02Z278JS	R M-OXIDE FILM	2W 0.27 OHM J SMALL		L812	58C0000143	COIL CHOKE	ELC 0809 470K	
R834	RS02Z278JS	R M-OXIDE FILM	2W 0.27 OHM J SMALL		L818	58C0000143	COIL CHOKE	ELC 0809 470K	
R835	RS02Z278JS	R M-OXIDE FILM	2W 0.27 OHM J SMALL		L819	58C0000143	COIL CHOKE	ELC 0809 470K	
R836	RS02Z278JS	R M-OXIDE FILM	2W 0.27 OHM J SMALL		L824	58C0000143	COIL CHOKE	ELC 0809 470K	
R841	RS02Z278JS	R M-OXIDE FILM	2W 0.27 OHM J SMALL		Q802	TKTC3203Y-	TR	KTC3203-Y	
R842	RS02Z278JS	R M-OXIDE FILM	2W 0.27 OHM J SMALL		ZZ200	PTPWJAG003	PCB POWER AXIAL AS	DSJ-5510CRA	
R843	RS02Z278JS	R M-OXIDE FILM	2W 0.27 OHM J SMALL		A001	4859814511	PCB POWER	330X246 D1L	
R844	RS02Z278JS	R M-OXIDE FILM	2W 0.27 OHM J SMALL		C818	CCZB1H821K	C CERA	50V B 820PF K AXIAL	
R847	RS02Z752JS	R M-OXIDE FILM	2W 7.5K OHM J SMALL		C819	CCZB1H471K	C CERA	50V B 470PF K (AXIAL)	
R848	RS02Z752JS	R M-OXIDE FILM	2W 7.5K OHM J SMALL		C823	CCZB1H821K	C CERA	50V B 820PF K AXIAL	
R850	RF01Z278K-	R FUSIBLE	1W 0.27 OHM K (TP)		C824	CCZB1H471K	C CERA	50V B 470PF K (AXIAL)	
R851	RF01Z278K-	R FUSIBLE	1W 0.27 OHM K (TP)		D801	DRGP15J—	DIODE	RGP15J DO-204AC 600V 1.5A	
ZZ200	PTPWJRG003	PCB POWER RADIAL AS	DSJ-5510CRA		D802	DRGP15J—	DIODE	RGP15J DO-204AC 600V 1.5A	
C807	CEXF1E470V	C ELECTRO	25V RSS 47MF (5X11) TP		D803	DRGP15J—	DIODE	RGP15J DO-204AC 600V 1.5A	
C815	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP		D804	DRGP15J—	DIODE	RGP15J DO-204AC 600V 1.5A	
C822	CEXF1E101V	C ELECTRO	25V RSS 100MF (6.3X11) TP		D806	DRU1P—	DIODE	RU1P	
C851	CMXM2A473J	C MYLAR	100V 0.047MF J (TP)		D807	D1N4937G—	DIODE	1N4937G (TAPPING)	
C868	CCXB3A102K	C CERA	1KV B 1000PF K (TAPPING)		D809	DRGP15J—	DIODE	RGP15J DO-204AC 600V 1.5A	
C869	CCXB3A102K	C CERA	1KV B 1000PF K (TAPPING)		D810	DRGP15J—	DIODE	RGP15J DO-204AC 600V 1.5A	
C870	CCXB3A102K	C CERA	1KV B 1000PF K (TAPPING)		D811	DRGP15J—	DIODE	RGP15J DO-204AC 600V 1.5A	
C872	CCXB3A102K	C CERA	1KV B 1000PF K (TAPPING)		D812	DRGP15J—	DIODE	RGP15J DO-204AC 600V 1.5A	
C873	CCXB3A102K	C CERA	1KV B 1000PF K (TAPPING)		D813	DRGP15J—	DIODE	RGP15J DO-204AC 600V 1.5A	
C874	CCXB3A102K	C CERA	1KV B 1000PF K (TAPPING)		D814	DRGP15J—	DIODE	RGP15J DO-204AC 600V 1.5A	
C875	CCXB3A102K	C CERA	1KV B 1000PF K (TAPPING)						

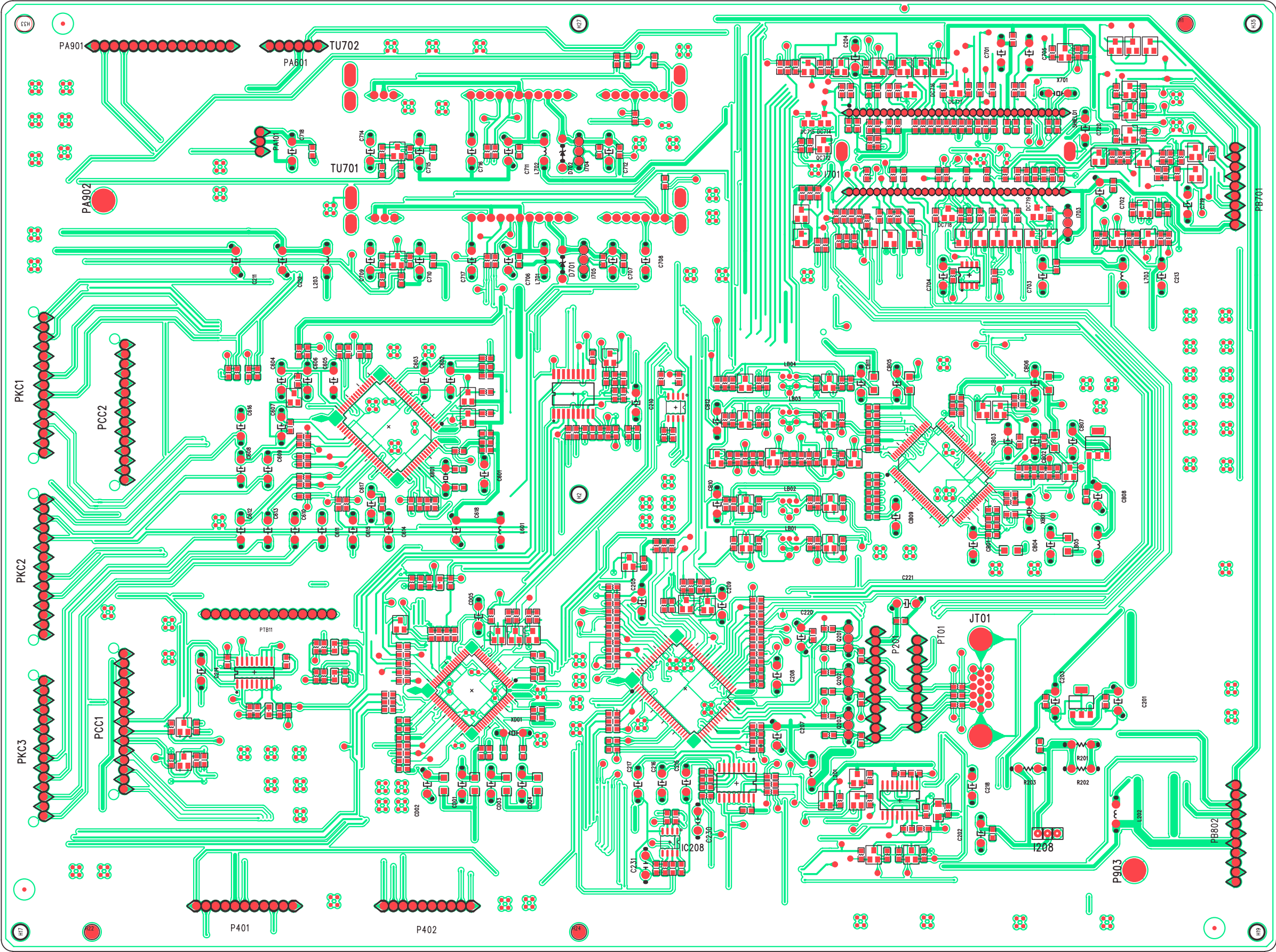
Service part list

z_loc	z_parts_code	parts_name	parts_descr	remark	z_loc	z_parts_code	parts_name	parts_descr	remark
D815	DRGP15J—	DIODE	RGP15J DO-204AC 600V 1.5A		J831	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D817	D1N4148—	DIODE	1N4148 (TAPPING)		J832	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D822	DRU1P—	DIODE	RU1P		J833	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D823	DRGP15J—	DIODE	RGP15J DO-204AC 600V 1.5A		J834	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D824	DRGP15J—	DIODE	RGP15J DO-204AC 600V 1.5A		J835	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D825	DUZ6R2BM—	DIODE ZENER	UZ-6.2BM		J836	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D830	DRGP15J—	DIODE	RGP15J DO-204AC 600V 1.5A		J837	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D831	DRGP15J—	DIODE	RGP15J DO-204AC 600V 1.5A		J838	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
D833	DRGP15J—	DIODE	RGP15J DO-204AC 600V 1.5A		J839	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J801	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J840	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J802	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J841	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J803	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J842	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J804	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J843	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J805	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J844	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J806	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J846	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J807	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J847	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J808	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J849	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J809	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		J850	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
J810	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		L803	5MC0000100	COIL BEAD	HC-3550	
J811	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		L804	5MC0000100	COIL BEAD	HC-3550	
J812	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		L813	5MC0000100	COIL BEAD	HC-3550	
J813	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		L820	5MC0000100	COIL BEAD	HC-3550	
J814	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		L821	5MC0000100	COIL BEAD	HC-3550	
J815	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		L825	5MC0000100	COIL BEAD	HC-3550	
J816	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		L826	5MC0000100	COIL BEAD	HC-3550	
J817	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R803	RC-2Z155KP	R CARBON COMP	1/2 1.5M OHM K	
J818	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R804	RD-2Z150J-	R CARBON FILM	1/2 15 OHM J	
J819	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R805	RC-2Z565KP	R CARBON COMP	1/2 5.6M OHM K	
J820	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R806	RD-2Z913J-	R CARBON FILM	1/2 91K OHM J	
J821	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R807	RD-2Z913J-	R CARBON FILM	1/2 91K OHM J	
J822	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R813	RD-4Z100J-	R CARBON FILM	1/4 10 OHM J	
J823	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R814	RD-4Z302J-	R CARBON FILM	1/4 3K OHM J	
J824	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R815	RD-4Z102J-	R CARBON FILM	1/4 1K OHM J	
J825	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R816	RD-4Z752J-	R CARBON FILM	1/4 7.5K OHM J	
J826	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R818	RD-4Z109J-	R CARBON FILM	1/4 1 OHM J	
J827	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R819	RD-4Z102J-	R CARBON FILM	1/4 1K OHM J	
J828	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R821	RD-4Z242J-	R CARBON FILM	1/4 2.4K OHM J	
J829	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R822	RD-4Z622J-	R CARBON FILM	1/4 6.2K OHM J	
J830	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING		R825	RD-4Z824J-	R CARBON FILM	1/4 820K OHM J	

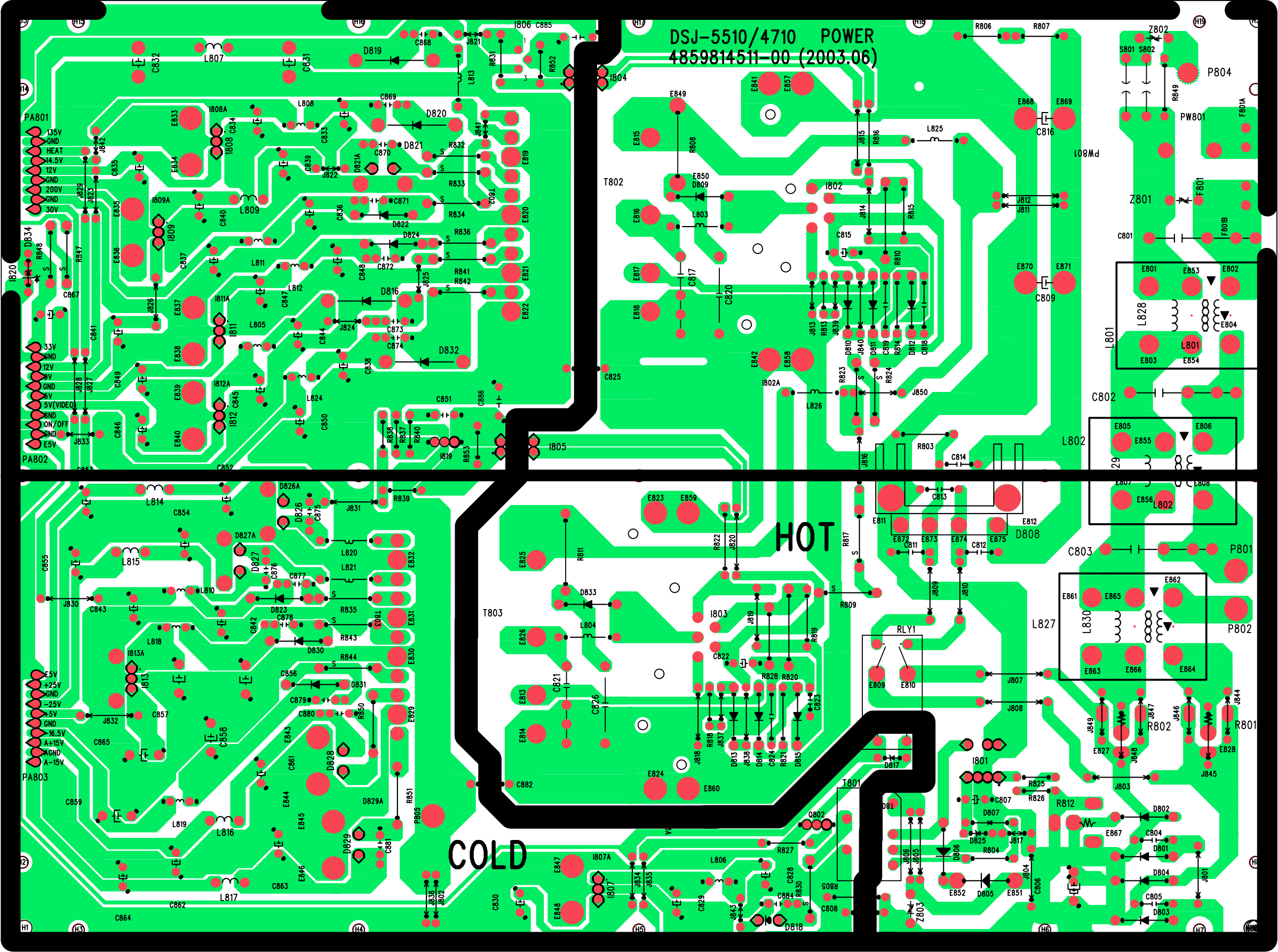
z_loc	z_parts_code	parts_name	parts_descr	remark
R826	RD-4Z824J-	R CARBON FILM	1/4 820K OHM J	
R827	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R831	RD-2Z103J-	R CARBON FILM	1/2 10K OHM J	
R837	RD-4Z222J-	R CARBON FILM	1/4 2.2K OHM J	
R838	RD-4Z203J-	R CARBON FILM	1/4 20K OHM J	
R839	RD-4Z102J-	R CARBON FILM	1/4 1K OHM J	
R840	RD-4Z103J-	R CARBON FILM	1/4 10K OHM J	
R849	RC-2Z565KP	R CARBON COMP	1/2 5.6M OHM K	

9. PRINTED CIRCUIT BOARD

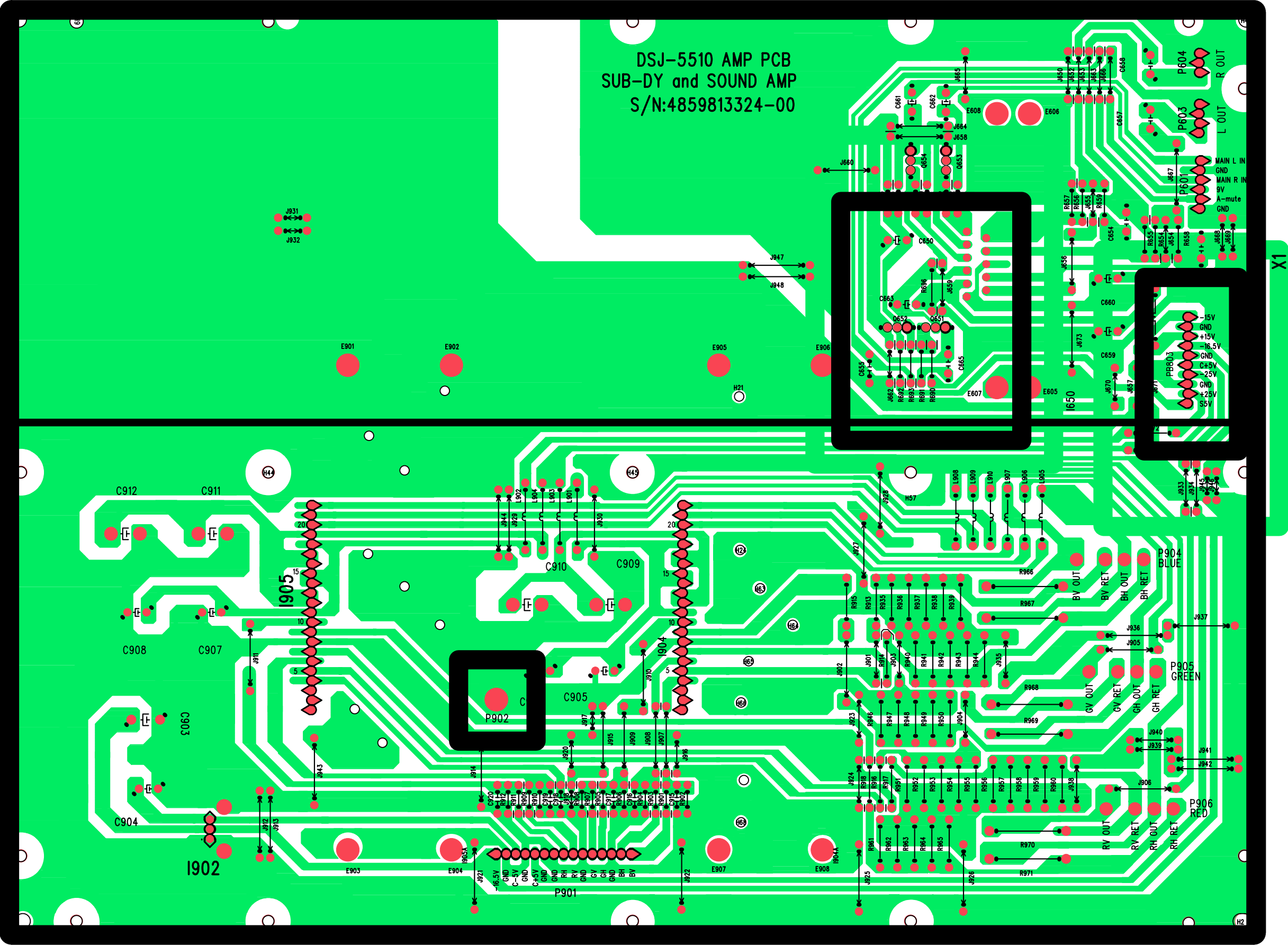
1) MAIN PCB



2) POWER PCB

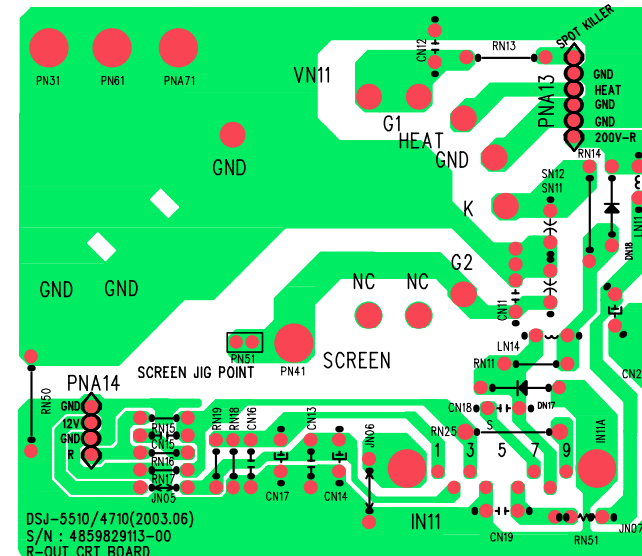
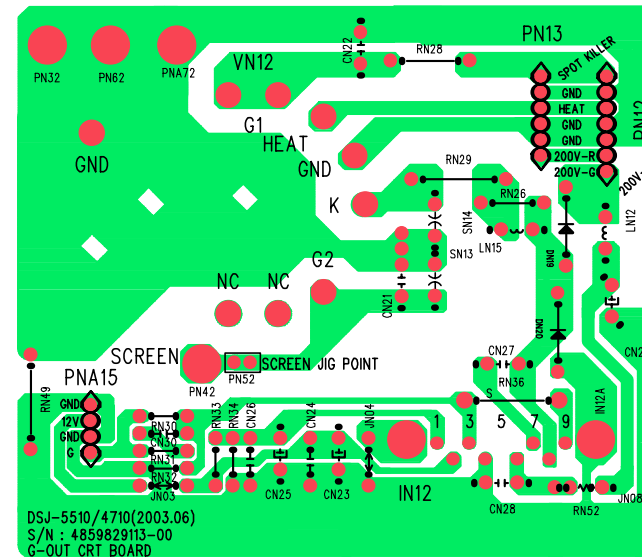
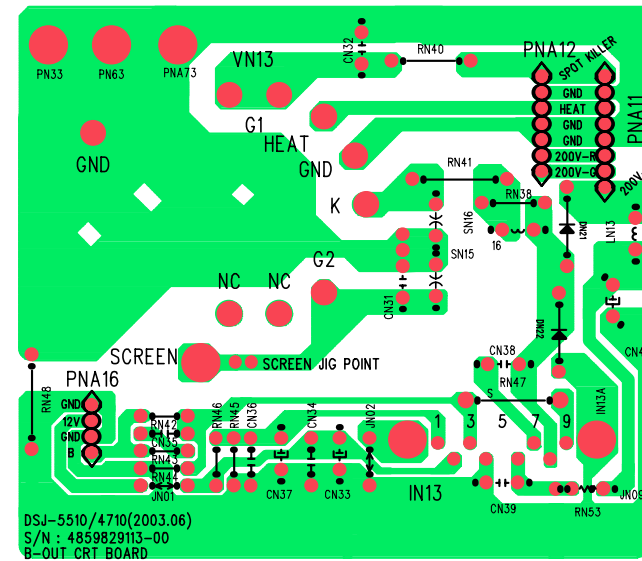


3) AMP PCB

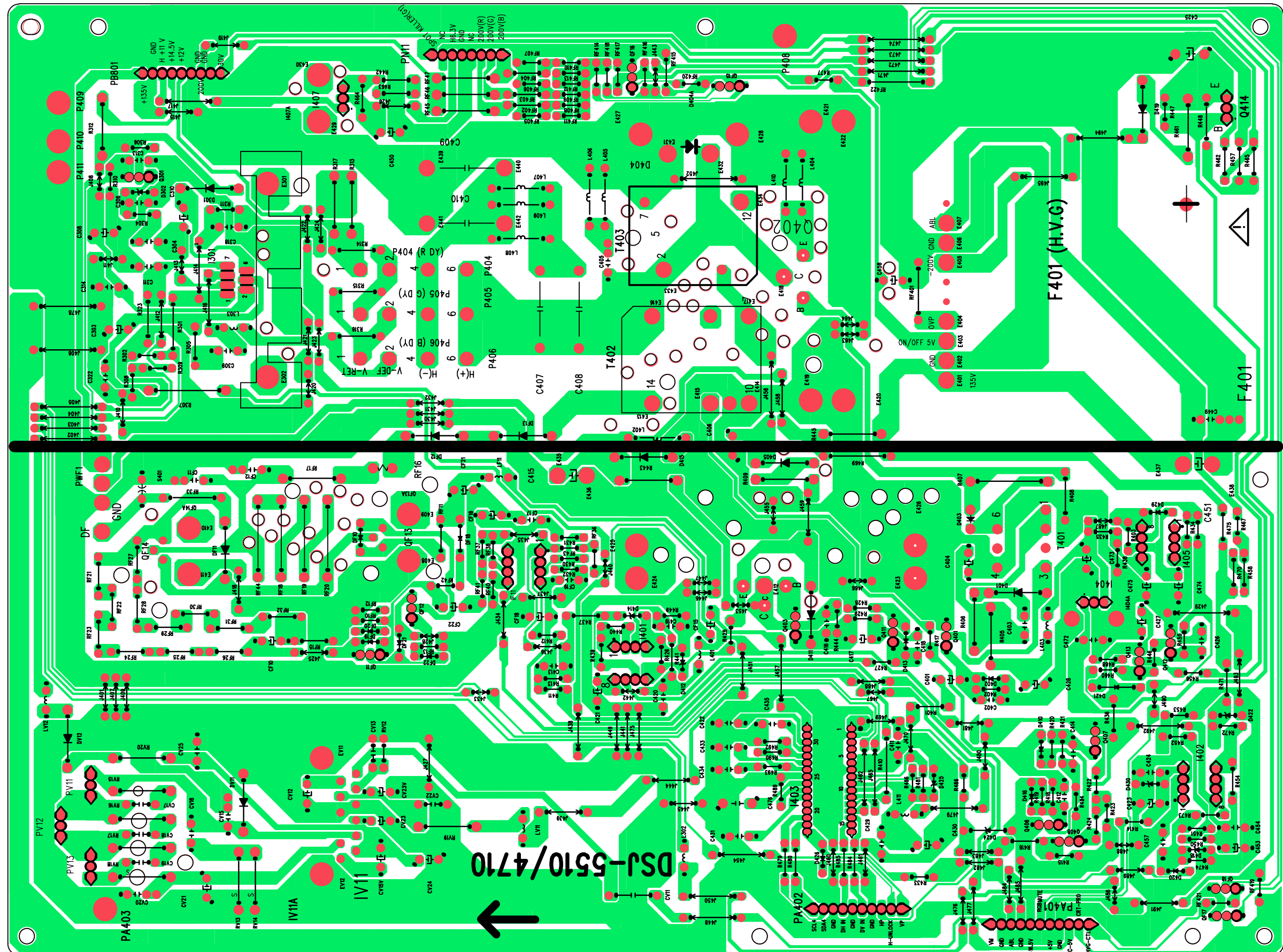


4) CRT PCB

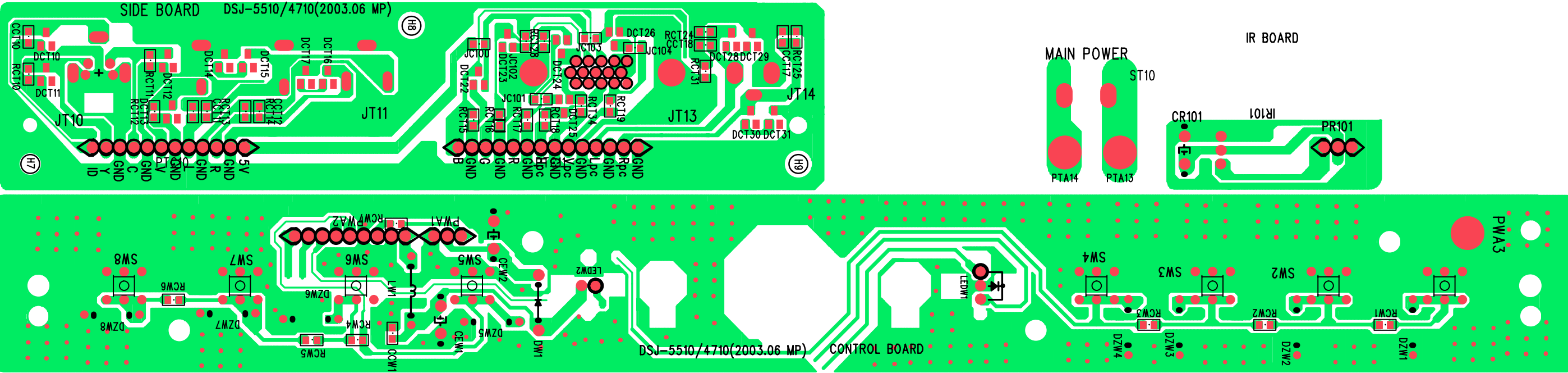
CRT PCB S/N : 4859829113-00

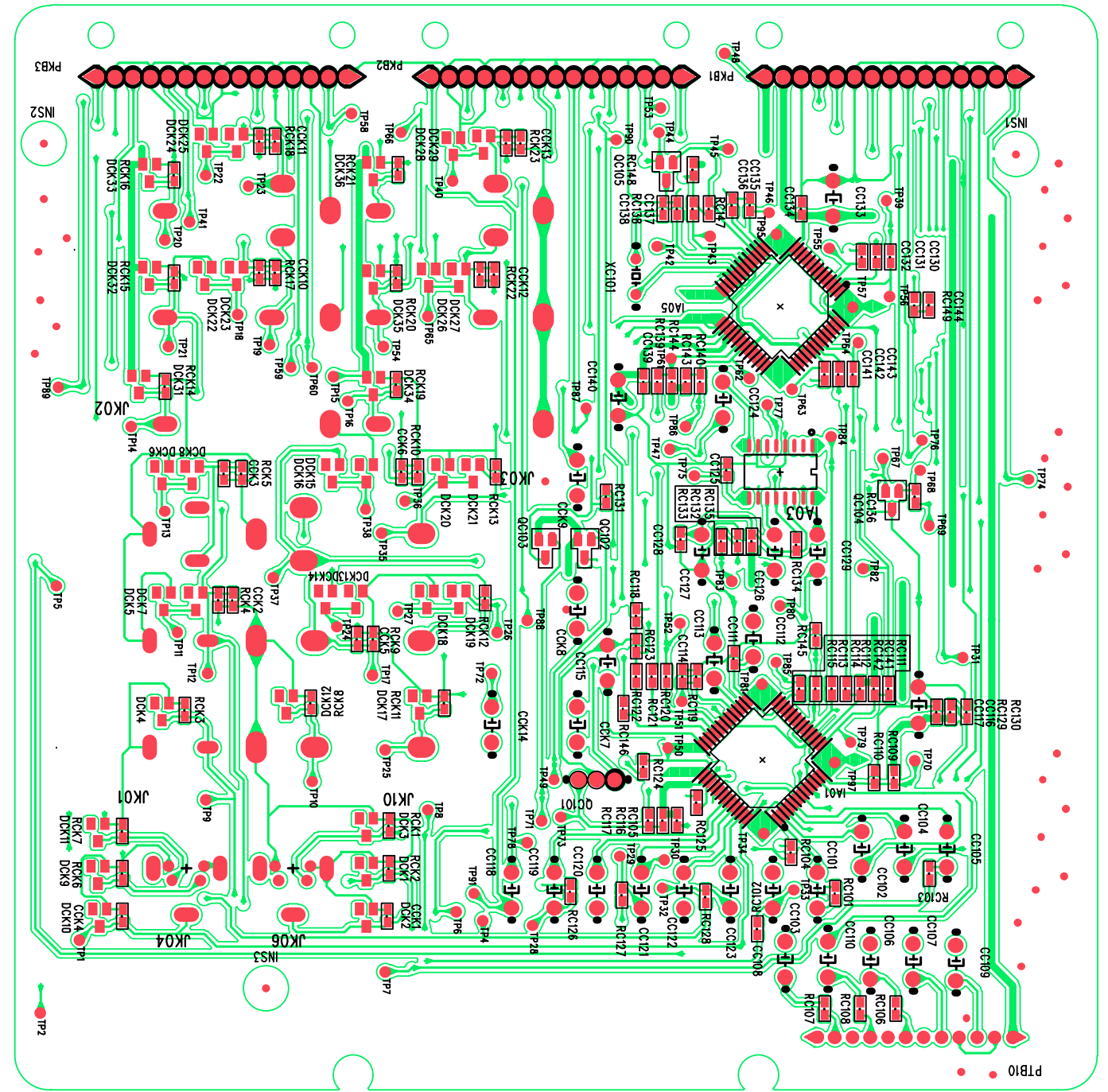


5) DEF PCB



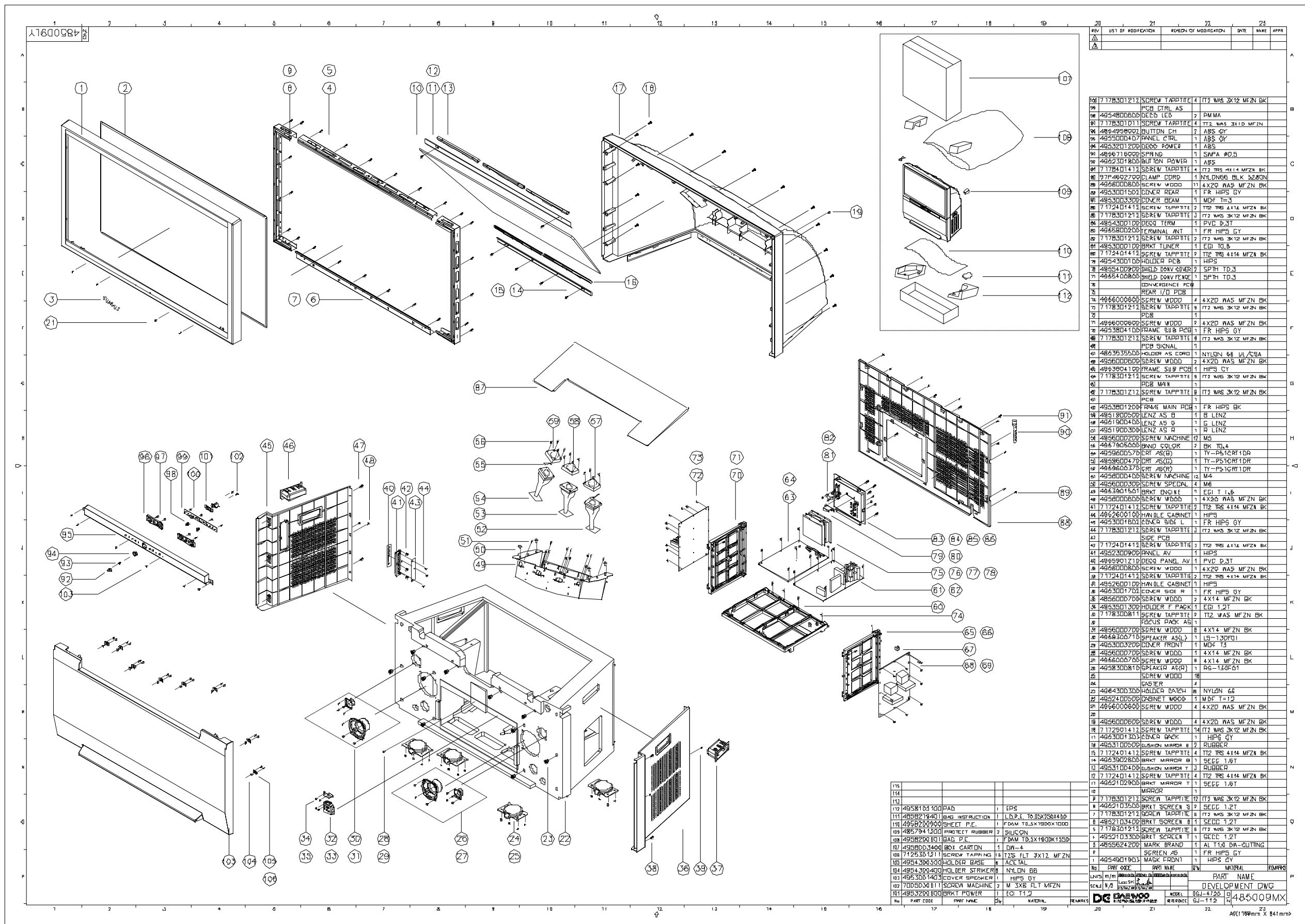
6) UNION-1 PCB(CONTROL, SIDE)





10. EXPLODED VIEW

1) DSJ-4710

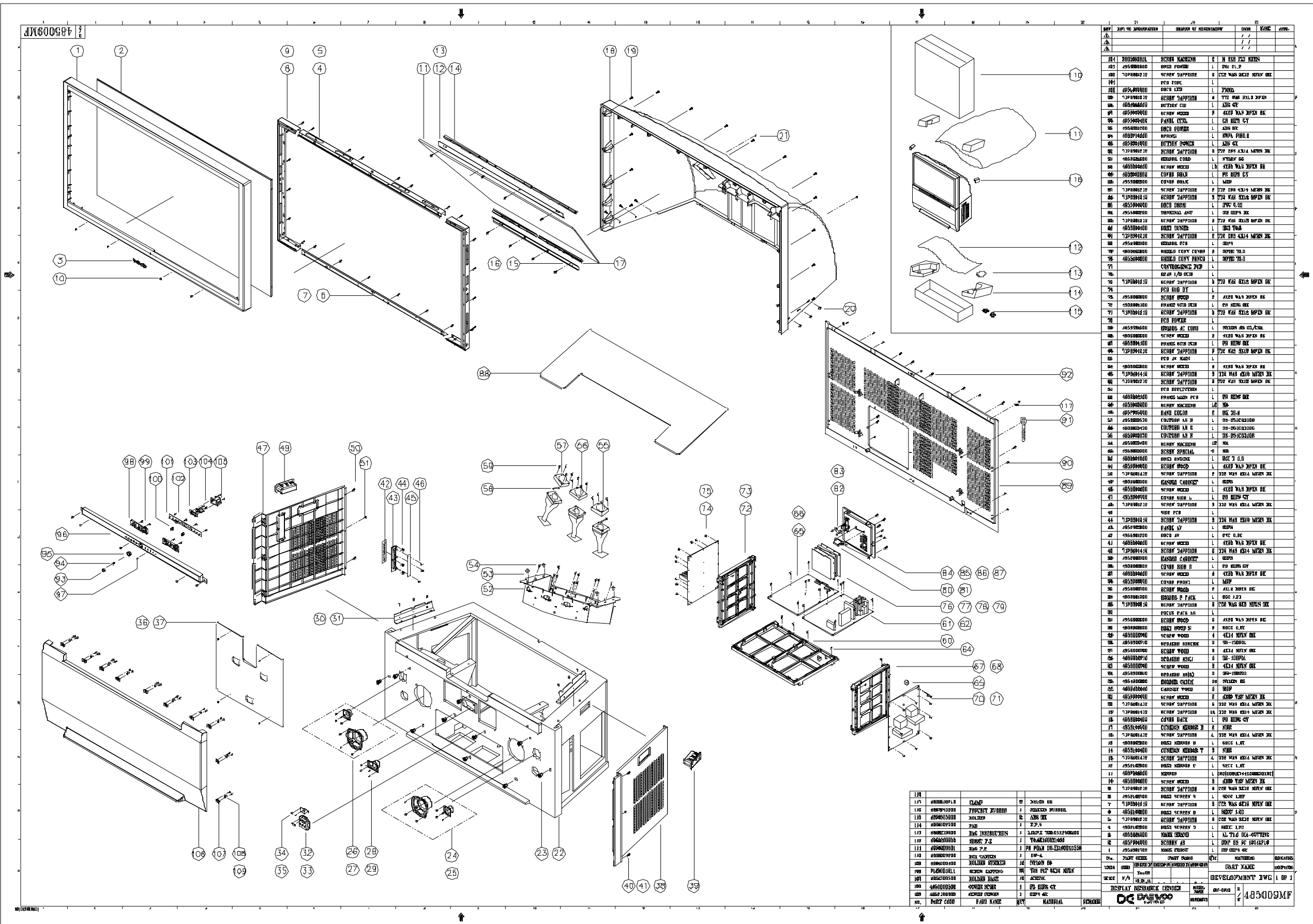


2) DSJ-4720



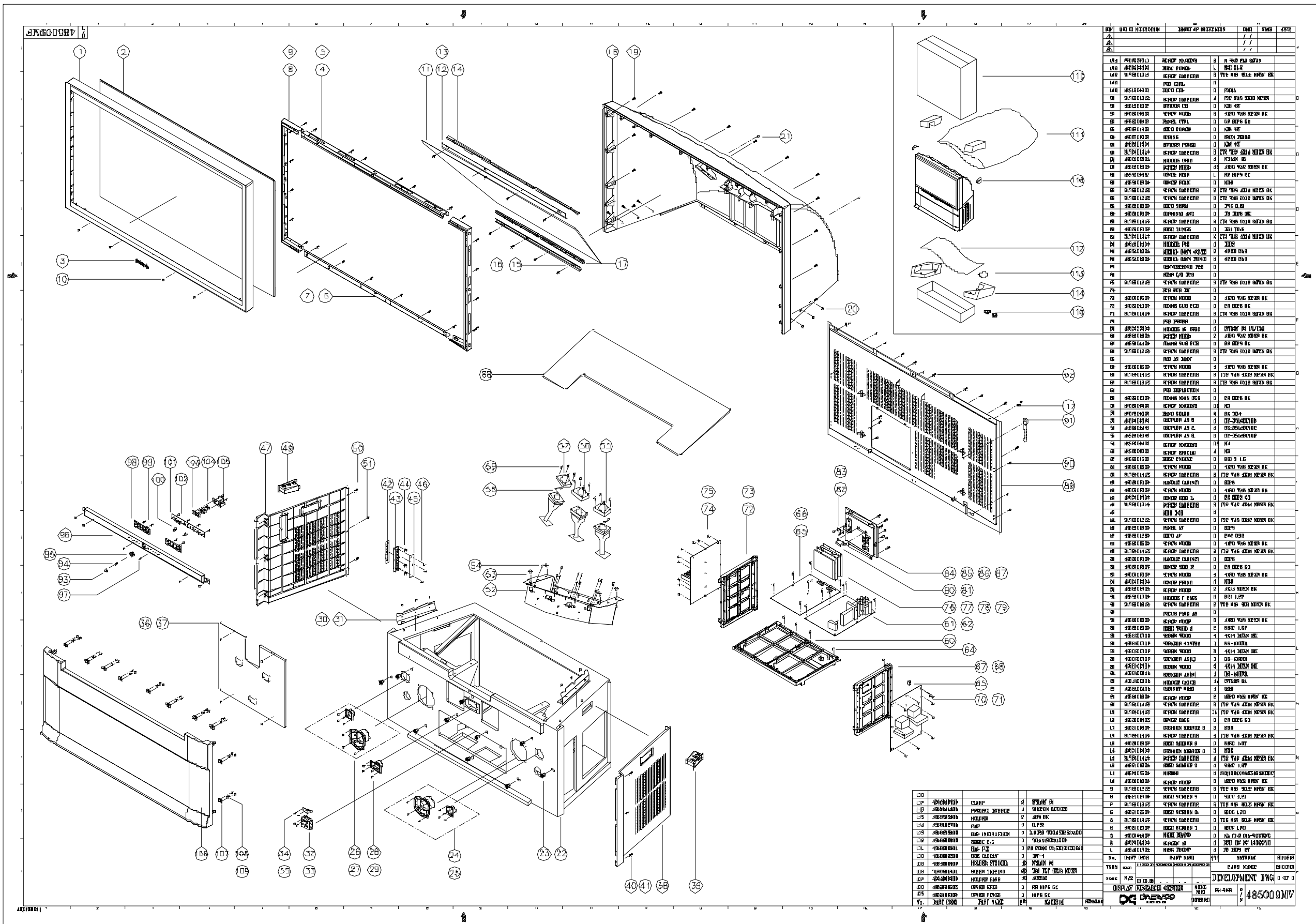
EXPLODED VIEW

3) DSJ-5510



EXPLODED VIEW

4) DSJ-5520



DAEWOO

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