

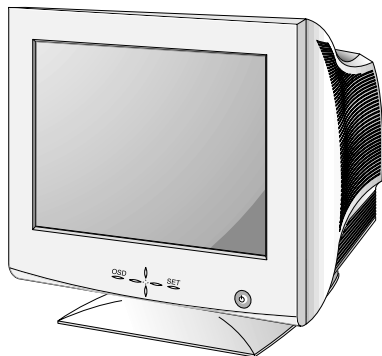
COLOR MONITOR SERVICE MANUAL

CHASSIS NO. : CA-75

MODEL: EVF720, FG793C

CAUTION

BEFORE SERVICING THE UNIT,
READ THE **SAFETY PRECAUTIONS** IN THIS MANUAL.



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SPECIFICATIONS

1. PICTURE TUBE

Size	: 17 inch (Flat Slot Mask)
Deflection Angle	: 90°
Neck Diameter	: 29.1 mm
Phosphor	: P22
Slot Pitch	: 0.24 mm
Low Radiation	: TCO-99
Face Treatment	: W-ARASC (Anti-Reflective and Anti-Static Coating), Internal Anti-Glare

2. SIGNAL

2-1. Horizontal & Vertical Sync

- 1) Input Voltage Level: Low= $\leq 0.8V$, High= $\geq 2.1V$
- 2) Sync Polarity : Positive or Negative

2-2. Video Input Signal

- 1) Voltage Level : 0~0.7 Vp-p
 - a) Color 0, 0 : 0 Vp-p
 - b) Color 7, 0 : 0.467 Vp-p
 - c) Color 15, 0 : 0.7 Vp-p
- 2) Input Impedance : 75 Ω
- 3) Video Color : R, G, B Analog
- 4) Signal Format : Refer to the Timing Chart

2-3. Signal Connector

15 Pin D-Sub Connector

2-4. Scanning Frequency

Horizontal	: 30~95 kHz
Vertical	: 50~160 Hz

3. POWER SUPPLY

3-1. Power Range

AC 100~240V (Auto Select), 50/60Hz, 2.0A Max.

3-2. Power Consumption

MODE	H/V SYNC	POWER CONSUMPTION	LED COLOR
NORMAL (ON)	ON/ON	less than 130W	GREEN
STAND-BY	OFF/ON	less than 8W	AMBER
SUSPEND	ON/OFF	less than 8W	
OFF	OFF/OFF	less than 3W	AMBER

4. DISPLAY AREA

4-1. Active Video Area :

- Max Image Size - 325.4 x 244.1mm (12.81" x 9.61")
- Preset Image Size - 310 x 230 mm (12.20" x 9.06")

4-2. Display Color : Full Colors

4-3. Display Resolution : 1600 Dots x 1200Lines

4-4. Video Bandwidth : 203 MHz

5. ENVIRONMENT

5-1. Operating Temperature: 10°C~35°C (50°F~95°F) (Ambient)

5-2. Relative Humidity : 8%~80% (Non-condensing)

5-3. Altitude : 10,000 ft

6. DIMENSIONS (with TILT/SWIVEL)

Width	: 415.0 mm (16.34")
Depth	: 439.0 mm (17.28")
Height	: 435.0 mm (17.13")

7. WEIGHT (with TILT/SWIVEL)

Net Weight	: 19.2 kg (42.33 lbs)
Gross Weight	: 22.7 kg (50.05 lbs)

SAFETY PRECAUTIONS

SAFETY-RELATED COMPONENT WARNING!

There are special components used in this color monitor which are important for safety. These parts are marked  on the schematic diagram and the replacement parts list. It is essential that these critical parts should be replaced with the manufacturer's specified parts to prevent X-radiation, shock, fire, or other hazards. Do not modify the original design without obtaining written permission from Gateway or you will void the original parts and labor guarantee.

CAUTION: No modification of any circuit should be attempted.

Service work should be performed only after you are thoroughly familiar with all of the following safety checks and servicing guidelines.

SAFETY CHECK

Care should be taken while servicing this color monitor because of the high voltage used in the deflection circuits. These voltages are exposed in such areas as the associated flyback and yoke circuits.

FIRE & SHOCK HAZARD

An isolation transformer must be inserted between the color monitor and AC power line before servicing the chassis.

- In servicing, attention must be paid to the original lead dress specially in the high voltage circuit. If a short circuit is found, replace all parts which have been overheated as a result of the short circuit.
- All the protective devices must be reinstalled per the original design.
- Soldering must be inspected for the cold solder joints, frayed leads, damaged insulation, solder splashes, or the sharp points. Be sure to remove all foreign materials.

IMPLOSION PROTECTION

All used display tubes are equipped with an integral implosion protection system, but care should be taken to avoid damage and scratching during installation. Use only same type display tubes.

X-RADIATION

The only potential source of X-radiation is the picture tube. However, when the high voltage circuitry is operating properly there is no possibility of an X-radiation problem. The basic precaution which must be exercised is keep the high voltage at the factory recommended level; the normal high voltage is about 27kV. The following steps describe how to measure the high voltage and how to prevent X-radiation.

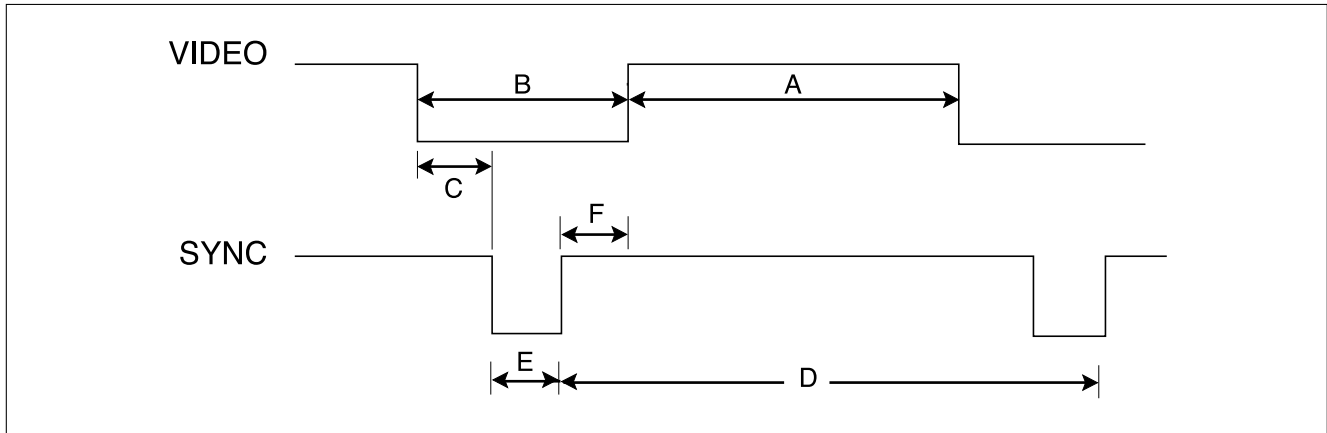
Note : It is important to use an accurate high voltage meter calibrated periodically.

- To measure the high voltage, use a high impedance high voltage meter, connect (–) to chassis and (+) to the CDT anode cap.
- Set the brightness control to maximum point at full white pattern.
- Measure the high voltage. The high voltage meter should be indicated at the factory recommended level.
- If the meter indication exceeds the maximum level, immediate service is required to prevent the possibility of premature component failure.
- To prevent X-radiation possibility, it is essential to use the specified picture tube.

CAUTION:

Please use only a plastic screwdriver to protect yourself from shock hazard during service operation.

TIMING CHART

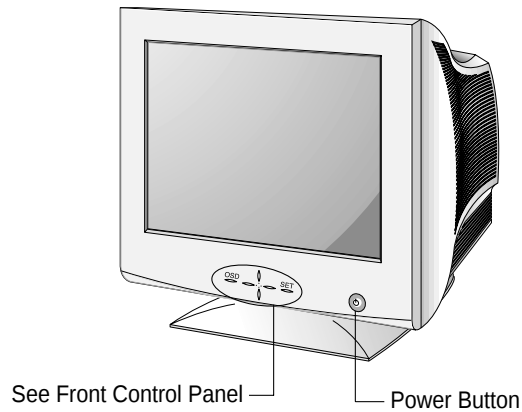


<< Horizontal Frequency (**kHz**), Vertical Frequency (**Hz**), Horizontal etc... (**μs**), Vertical etc... (**ms**) >>

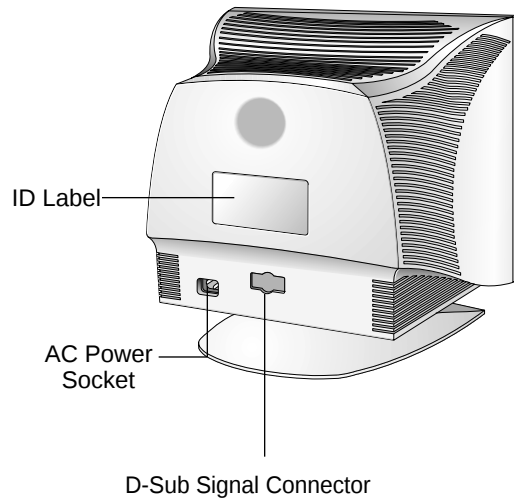
Mode	H/V Sort	Sync Polarity	Frequency	Sync Duration (E)	Total Period (D)	Video Active Time (A)	Front Porch (C)	Back Porch (F)	Blanking Time (B)	Resolution
1	H	+	60.023 K	1.219	16.660	13.003	0.203	2.235	3.657	1024x768 75Hz
	V	+	75.029 H	0.050	13.328	12.795	0.017	0.466	0.533	
2	H	+	37.879 K	3.200	26.400	20.000	1.000	2.200	6.400	800x600 60Hz
	V	+	60.317 H	0.106	16.579	15.840	0.026	0.607	0.739	
3	H	+	46.875 K	1.616	21.333	16.162	0.323	3.232	5.172	800x600 75Hz
	V	+	75.000 H	0.064	13.333	12.800	0.021	0.448	0.533	
4	H	-	31.469 K	3.813	31.778	25.422	0.636	1.907	6.356	640x480 60Hz
	V	-	59.940 H	0.064	16.683	15.253	0.318	1.048	1.430	
5	H	-	48.363 K	2.092	20.677	15.754	0.369	2.462	4.923	1024x768 60Hz
	V	-	60.004 H	0.124	16.666	15.880	0.062	0.600	0.786	
6	H	-	37.500 K	2.032	26.667	20.317	0.508	3.810	6.349	640x480 75Hz
	V	-	75.000 H	0.080	13.333	12.800	0.027	0.427	0.533	
7	H	-	31.469 K	3.810	31.780	25.420	0.640	1.906	6.356	720x400 70Hz
	V	+	70.082 H	0.064	14.270	12.710	0.413	1.080	1.557	
8	H	+	79.976 K	1.067	12.504	9.481	0.119	1.837	3.022	1280x1024 75Hz
	V	+	75.025 H	0.038	13.329	12.804	0.013	0.475	0.525	
9	H	+	93.750 K	0.948	10.667	7.901	0.316	1.501	2.765	1600x1200 75Hz
	V	+	75.000 H	0.032	13.333	12.800	0.011	0.491	0.533	

OPERATING INSTRUCTIONS

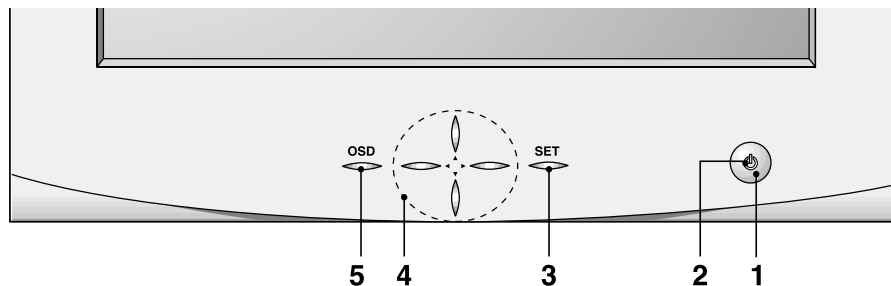
FRONT VIEW



REAR VIEW



Front Control Panel



1. Power ON/OFF Button

This button is used to turn the monitor ON and OFF.

2. Power Indicator

This indicator lights up green when the monitor operates normally; in DPMS (Energy Saving) mode, - stand-by, suspend, or power off mode - it color changes to Amber.

3. SET Buttons

Use this button to enter a selection in the onscreen display.

4. OSD Select/adjust Button

Use these buttons to choose or adjust items in the on screen display.

5. OSD Button

Use this button to enter or exit the on screen display.

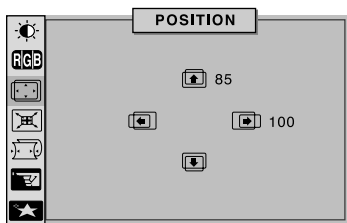
On-Screen-Display (OSD) Control

To adjust an image size, position, and operating parameters are quick and easy with the On-Screen-Display control system, using the OSD button and the Adjustment control button. A quick example is given below to familiarize yourself with use of the controls.

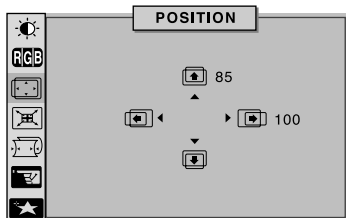
Example;

Note: (Monitor and PC's power switch should be ON, with an image or prompt on the screen).

1. Press the OSD Button, then the Main menu of the OSD appears. Display will look like as below:



2. To access a control, use the $\triangle$ or ∇ Buttons. When the icon you want becomes highlighted, Press the OSD SET Button.
3. Use the $\triangle$ ∇ $\triangleleft$ $\triangleright$ Buttons to adjust the item to the desired level.



4. Accept the changes by pressing the SET button.
5. Exit the OSD by pressing the OSD Button.

Listed below are icons, icon names, and icon descriptions of the OSD menu.

BRIGHTNESS

CONTRAST

Birghtness
 To adjust the screen brightness level.

Contrast
 To adjust the image contrast level.

COLOR

COLOR

COLOR

6500K 9300K
 To appear the display's color temperature.

- 6500K : Slightly Reddish white
- 9300K : Slightly Bluish white

TEMP
 User easily color set without adjustment Red, Green, Blue (R/ G/ B).

RED To set your own color levels.
GREEN To set your own color levels.
BLUE To set your own color levels.

POSITION

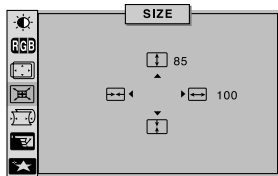
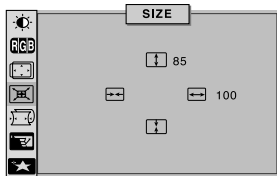
POSITION

Vertical Position
 To move the image up or down.

Horizontal Position
 To move the image left or right.



SIZE



Vertical Size

To adjust the image height.

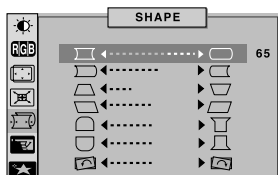


Horizontal Size

To adjust the image width.



SHAPE



Pincushion

To correct bowing in or out of the image.



Pin Balance

To correct the balance of both sides bowing.



Trapezoid

To correct the geometric distortion.



Parallelogram

To correct the geometric distortion.



Top Corner Adjust

To correct the balance of Top corner.



Bottom Corner Adjust

To correct the balance of Bottom corner.

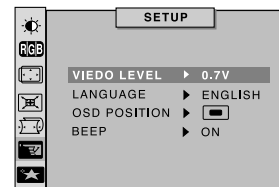
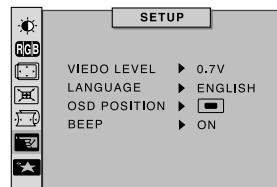


Rotate

To correct the image rotation.



SETUP



Video Input Level

To select voltage level of the video card output - It is input level of the monitor. Most video cards are 0.7V or 1.0V.

Language

To choose the language in which the control names are displayed. OSD Menus are available in eight languages.

OSD Position

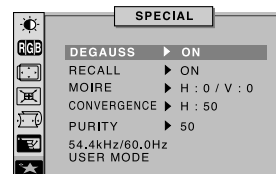
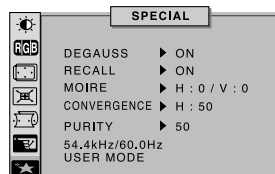
This item lets you adjust the OSD position.

BEEP

To select beep ON or OFF.



SPECIAL



Degauss

Used to demagnetize the picture to give a more accurate image and color.

Recall

To recall factory preset mode.

Moire

This item allows you to reduce the moire (Moire is caused by interference Horizontal Scan Line with the periodical dot screen), It is normally OFF (H: 0 / V: 0) The moire adjustments may affect the focus of the screen

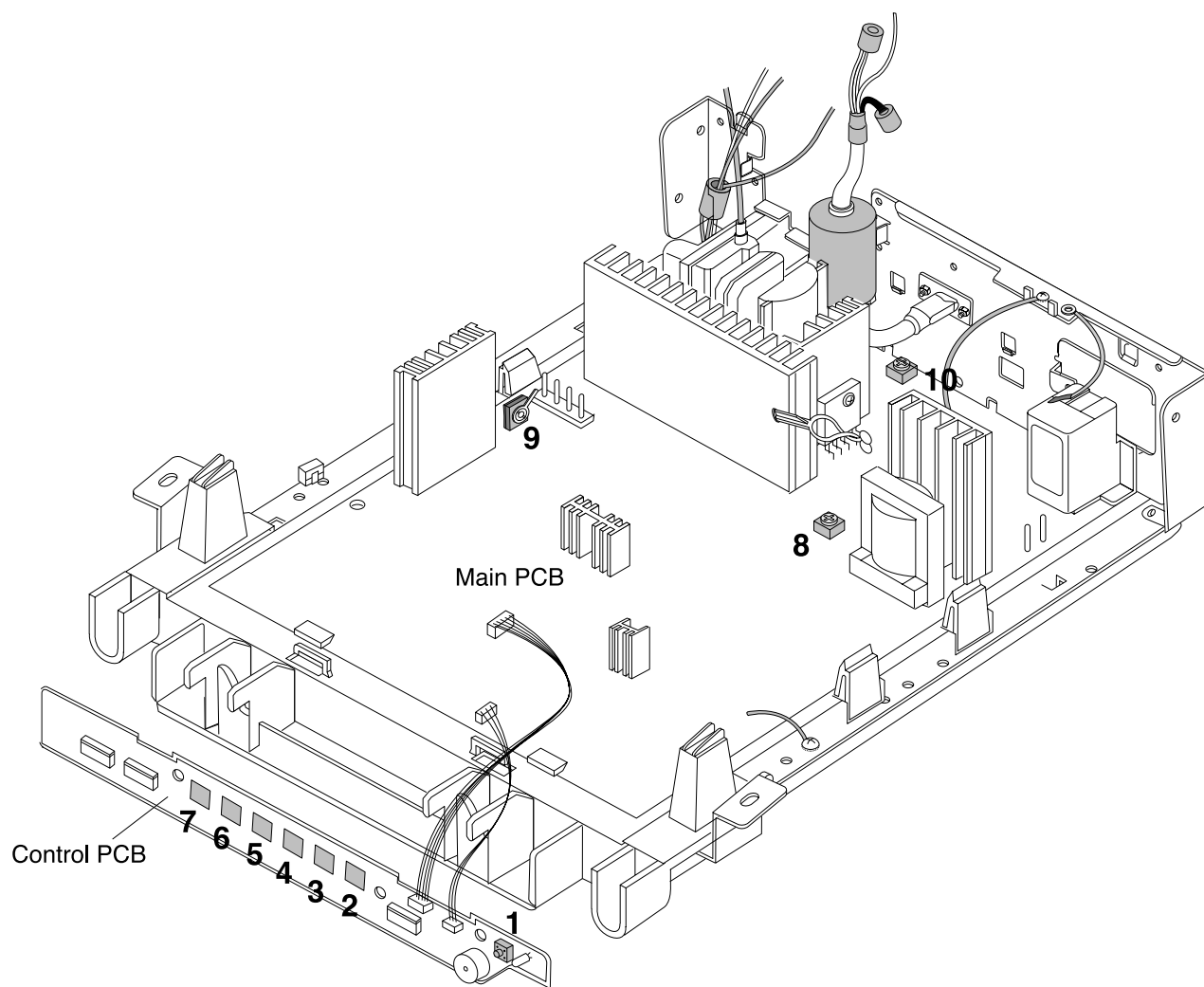
Convergence

Use to adjust the alignment of red and blue fields.

Purity

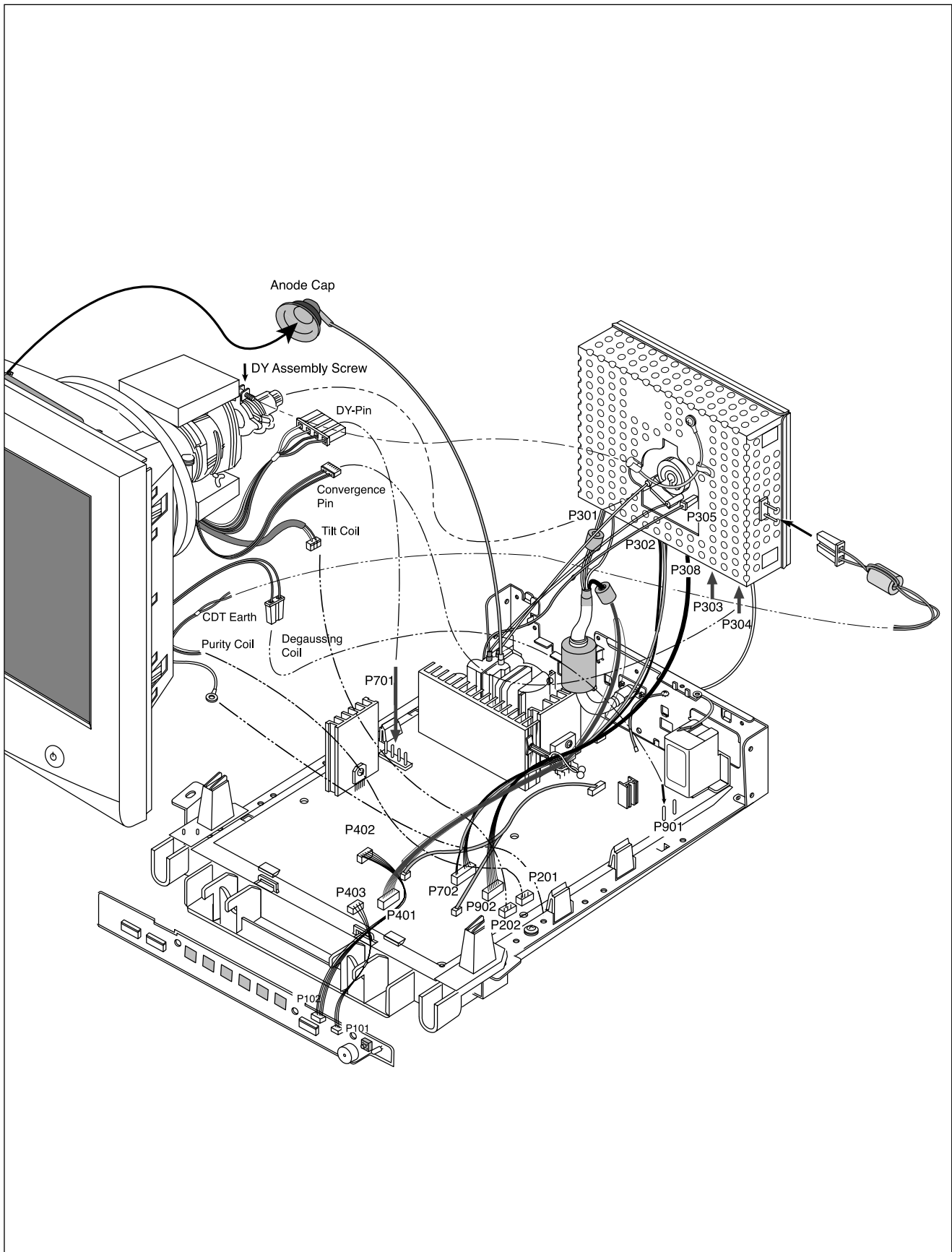
Use to adjust the overall purity of the image if the appears uneven.

CONTROL LOCATIONS



No.	Ref. No.	Control Function	No.	Ref. No.	Control Function
1	SW131	POWER SWITCH	6		OSD SELECT/ADJUSTMENT (LEFT)
2		SET BUTTON	7		OSD BUTTON
3		OSD SELECT/ADJUSTMENT (RIGHT)	8	VR901	B ⁺ ADJUSTMENT
4		OSD SELECT/ADJUSTMENT (DOWN)	9	SW701	RASTER CENTER SELECT
5		OSD SELECT/ADJUSTMENT (UP)	10	VR701	HIGH-VOLTAGE ADJUSTMENT

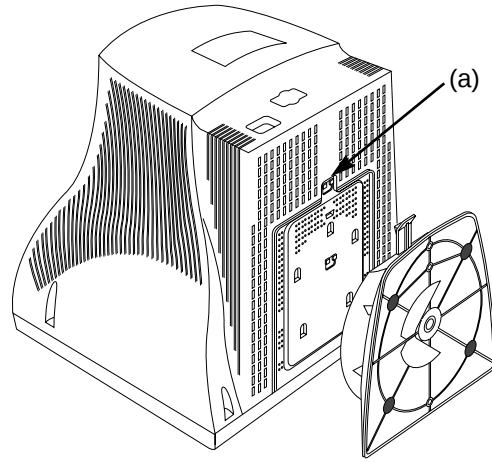
WIRING DIAGRAM



DISASSEMBLY

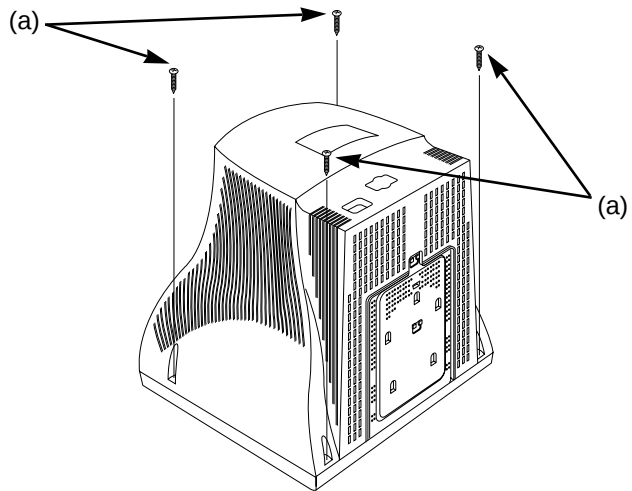
1. TILT/SWIVEL REMOVAL

- 1) Set the monitor face downward.
- 2) Pressing the latch (a), carefully remove the Tilt/Swivel by pulling it upward.



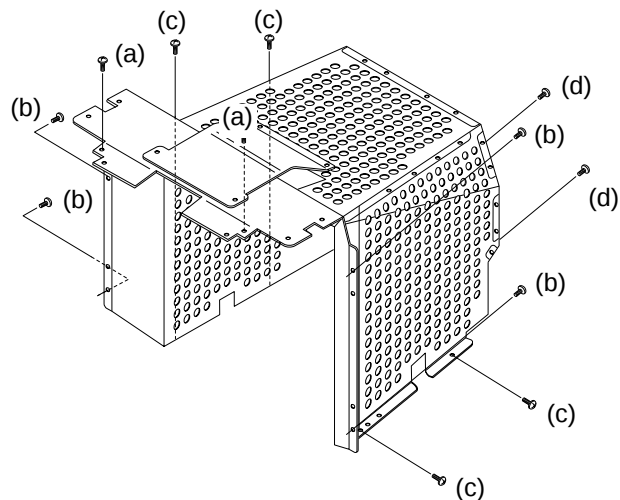
2. BACK COVER REMOVAL

- 1) Remove four screws (a) from the Back Cover.
- 2) Slide the Back Cover away from the Front Cabinet of the monitor.



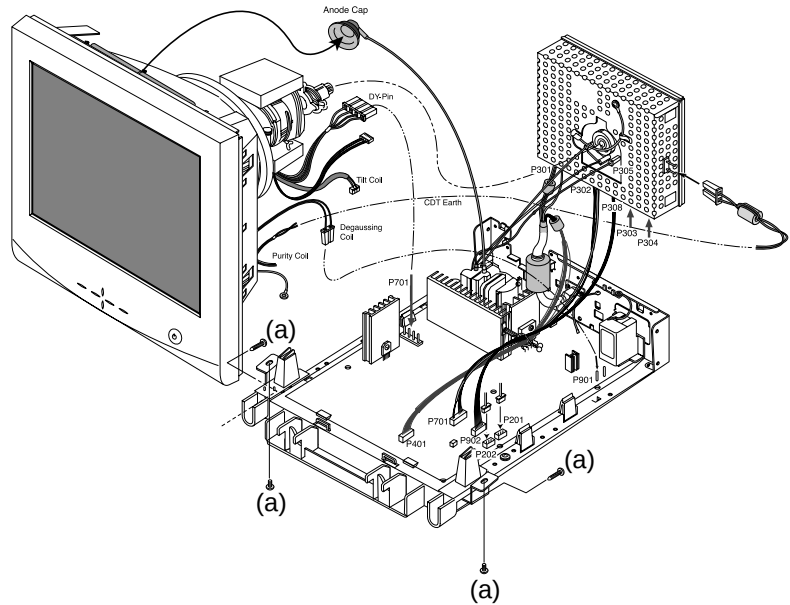
3. TOP SHIELD REMOVAL

- 1) Remove two screws (a).
- 2) Remove four screws (b).
- 3) Remove four screws (c).
- 4) Remove two screws (d).



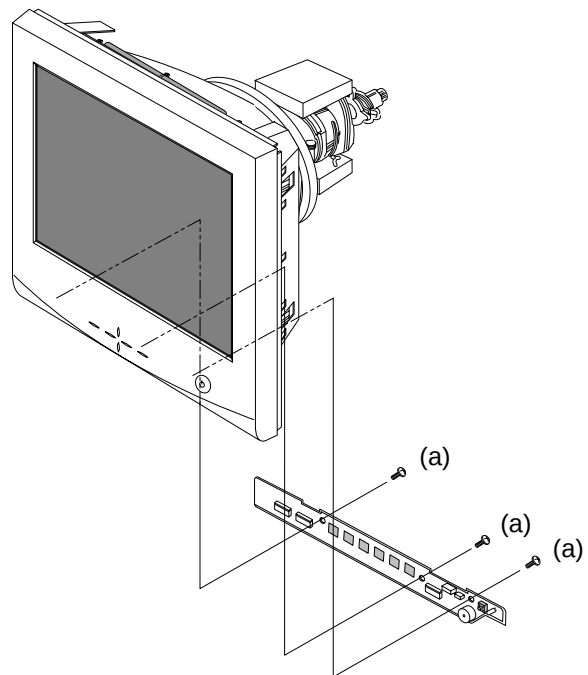
4. TOTAL CHASSIS ASSEMBLY REMOVAL

- 1) Disconnect P901 (Degaussing pin), P701 (DY pin), P202 (Tilt pin), and P201 (Purity pin) from the Main PCB.
- 2) Disconnect P308 (GND Wire), P304, P304 from the Video PCB.
- 3) Carefully separate the CDT Board Assembly from the CDT neck.
- 4) Discharge the remaining static electricity by shorting between the Anode Cap and the CDT ground.
- 5) Disconnect the Anode Cap from the CDT.
- 6) Remove four screws (a).
- 7) Remove the Total Chassis Assembly from the Main Frame.



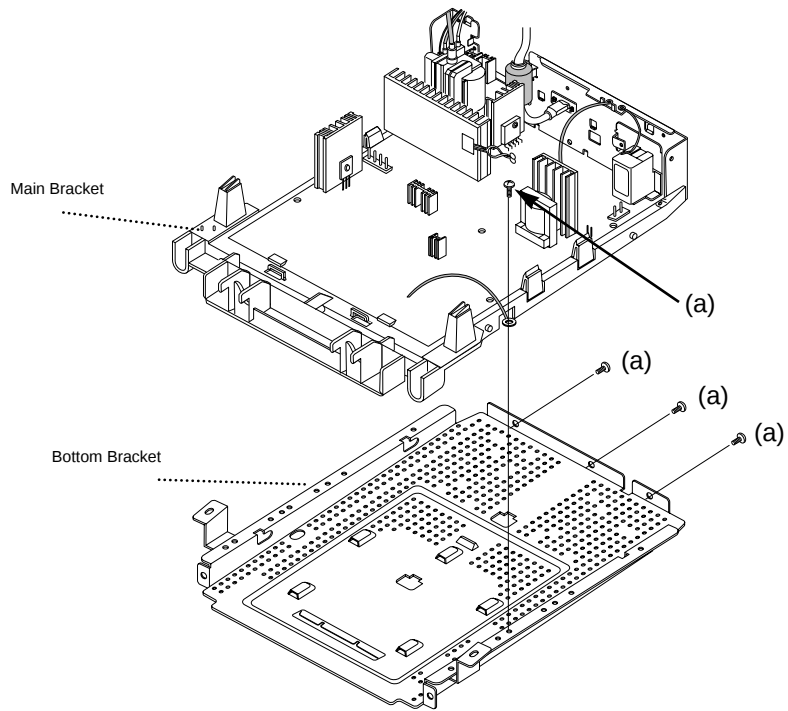
5. CONTROL PCB ASSEMBLY REMOVAL

- 1) Remove three screws (a).
- 2) Remove the control PCB Assembly from the Front cabinet.



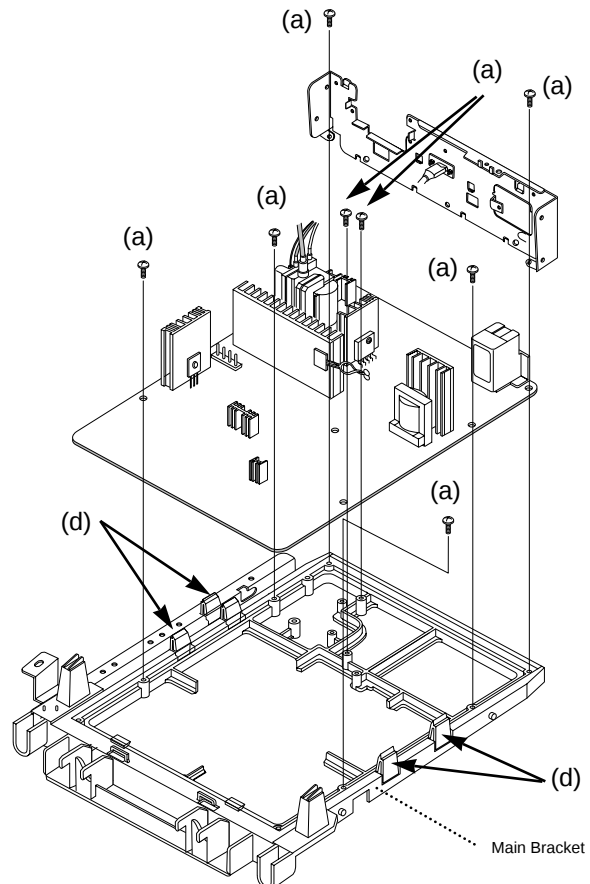
6. BOTTOM BRACKET REMOVAL

- 1) Remove four screws (a).
- 2) Remove the Bottom Bracket.



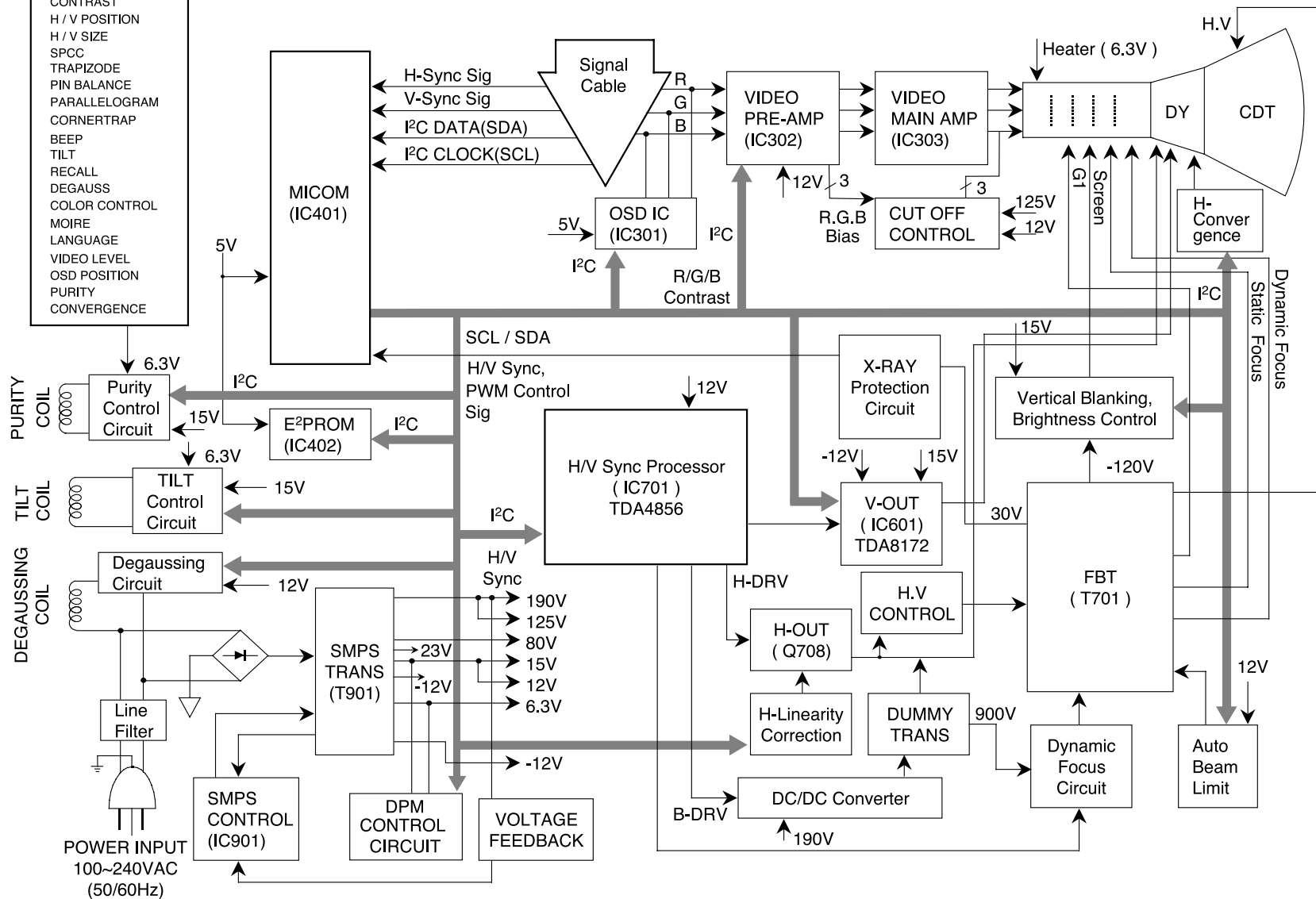
7. MAIN BRACKET REMOVAL

- 1) Remove eight screws (a).
- 2) Release four latches (d) from the Main Board Assembly.
- 3) Remove the Bottom Bracket.



< OSD Control >

BRIGHTNESS
CONTRAST
H / V POSITION
H / V SIZE
SPCC
TRAPIZODE
PIN BALANCE
PARALLELOGRAM
CORNERTRAP
BEEP
TILT
RECALL
DEGAUSS
COLOR CONTROL
MOIRE
LANGUAGE
VIDEO LEVEL
OSD POSITION
PURITY
CONVERGENCE



DESCRIPTION OF BLOCK DIAGRAM

1. Line Filter & Associated Circuit.

This is used for suppressing noise of power input line flowing into the monitor and/or some noise generated in this monitor flowing out through the power input line.

That is to say, this circuit prevents interference between the monitor and other electric appliances.

2. Degauss Circuit & Coil.

The degauss circuit consists of the degaussing coil, the PTC (Positive Temperature Coefficient) thermistor (TH901), and the relay (RL901). This circuit eliminates abnormal color of the screen automatically by degaussing the slot mask in the CDT when turn on the power switch.

When you need to degauss while using the monitor, select DEGAUSS on the OSD menu.

3. SMPS (Switching Mode Power Supply).

This circuit works with power of 110-240Vac (50/60Hz).

The operation procedure is as follows:

- 1) AC input voltage is rectified and smoothed by the bridge diode (D901) and the capacitor (C907).
- 2) The rectified voltage (DC voltage) is applied to the primary coil of the transformer (T901).
- 3) The control IC (IC901) generates switching pulse to turn on and off the primary coil of the transformer (T901) repeatedly.
- 4) Depending on the turn ratio of the transformer, the secondary voltages appear at the secondary coil of the transformer (T901).
- 5) These secondary voltages are rectified by each diode (D906, D907, D908, D909, D910, D911, D912, D913) and operate the other circuits. (Deflection, Video Amplifier, etc.)

4. Display Power Management Circuit.

This circuit control power consumption of the monitor by detecting H and V sync signal. There are stand-by and suspend mode. When no horizontal or vertical sync signal input, the circuit consists of Q930 and Q931 becomes stand-by and suspend mode. It's power consumption is below 8W. When no horizontal and vertical sync signal input, it's power consumption is below 3W.

5. X-ray Protection.

This circuit detects the rectified DC voltage comes from the FBT pin 4. If the high voltage of the FBT reaches up to about 30kV (abnormal state), Micom(IC401) detects. It stops B⁺ voltage supplied to the FBT (T701), and high voltage is not be generated, (In the normal state, the high voltage is about 26kV.)

6. Micom(Microprocessor) Circuit.

The operating procedure of Micom (Microprocessor) and its associated circuit is as follows:

- 1) H and V sync signal is supplied from Signal Cable to the Micom (IC401).
- 2) The Micom (IC401) distinguishes polarity and frequency of H and V sync.
- 3) The Micom controls each OSD function signals. (H-size, H-position, V-size, etc.)
- 4) The controlled data of each mode is stored in IC402. User can adjust screen condition by each OSD function. The data of the adjust screen condition is stored automatically.

7. Horizontal and Vertical Synchronous Processor.

This circuit generates the horizontal drive pulse and the vertical drive pulse by taking sync-signal from Signal Cable. This circuit consists of the TDA4856(IC701) and the associated circuit.

8. D/D (DC to DC) Converter.

This circuit supplies DC voltage to the horizontal deflection output circuit by decreasing DC 190V which is the secondary voltage of the SMPS in accordance with the input horizontal sync signal.

9. D/D Drive & Convert Circuit.

This circuit is used for supplying B⁺ voltage to horizontal deflection output transistor (Q708). This circuit makes to add side-pincushion correcting signal to B⁺ voltage.

10. Horizontal Deflection Output Circuit.

This circuit makes the horizontal deflection by supplying the saw-tooth current to the horizontal deflection yoke.

11. High Voltage Output & FBT (Flyback Transformer).

The high voltage output circuit is used for generating pulse wave to the primary coil of the FBT (Flyback Transformer (T701)). A boosted voltage (about 26kV) appears at the secondary of the FBT and it is supplied to the anode of the CDT.

And there are another output voltages such as the dynamic focus voltage.

12. H-Linearity Correction Circuit.

This circuit corrects the horizontal linearity for each horizontal sync frequency.

13. Vertical Output Circuit.

This circuit takes the vertical wave from the TDA4856 (IC701) and performs the vertical deflection by supplying the saw-tooth wave current from the TDA8172 (IC601) to the vertical deflection yoke.

14. Dynamic Focus Output Circuit.

This circuit takes H and V parabola wave from the TDA4856 (IC701), and amplifies these waves to offer to the FBT (T701).

15. Vertical Blanking and Brightness Control.

This circuit eliminates the retrace line by supplying a negative pulse to the G1 of the CDT. The brightness control circuit is used to control brightness of the screen by changing the DC level of G1.

16. Image Rotation (Tilt) Circuit.

This circuit corrects the tilt of the screen by supplying the image rotation signal to the tilt coil which is attached to the CDT near the deflection.

17. Static Convergence Control Circuit.

This circuit corrects the convergence of the screen by supplying the convergence signal to the 4H (STC) coil which is attached to the CDT near the deflection.

18. Moiré Reduction Circuit

This circuit reduce interference between the periodical display pattern and the CDT's slot (or dot).

The positions of every other one dot video signal beams (red, green, and blue beam) are shifted finely, thus reducing interference.

19. OSD Circuit.

This circuit is used for performing the OSD (On-Screen- Display) function.

When a user selects the OSD Select/Adjustment control, the adjustment status displays on the screen.

20. Video Pre-Amp Circuit.

This circuit amplifies the analog video signal from 0-0.7V to 0-4V. This circuit is operated by taking the clamp, R, G, B drives, and contrast signals from the Micom (IC401).

21. Video Output Amp Circuit.

This circuit amplifies the video signal which comes from the video pre-amp circuit and amplified video signal is applied to the CDT cathode.

ADJUSTMENT

GENERAL INFORMATION

All adjustment are thoroughly checked and corrected when the monitor leaves the factory, but sometimes several adjustments may be required.

Adjustment should be following procedure and after warming up for a minimum of 30 minutes.

- Alignment appliances and tools.
 - IBM compatible PC.
 - Programmable Signal Generator.
(eg. VG-819 made by Astrodesign Co.or equivalent)
 - EPROM or EEPROM with saved each mode data.
 - Alignment Adaptor and Software.
 - Digital Voltmeter.
 - White Balance Meter.
 - Luminance Meter.
 - High-voltage Meter.

AUTOMATIC AND MANUAL DEGAUSSING

The degaussing coil is mounted around the CDT in order for automatic degaussing when turn on the monitor. But a monitor is moved or faced in a different direction, become poor color purity cause of CDT magnetized, then press

⌂ (DEGAUSSING) on the OSD menu.

ADJUSTMENT PROCEDURE & METHOD

- Install the cable for adjustment such as Figure 1 and run the alignment program on the DOS for IBM compatible PC.

1. Adjustment for B⁺ Voltage.

- 1) Display cross hatch pattern at Mode 8.
- 2) Adjust C913 (+) voltage to $190 \pm 0.2V$ with **VR901**.

2. Adjustment for High-Voltage.

- 1) Display cross hatch pattern at Mode 8.
- 2) Adjust CDT Anode voltage to $26 \pm 0.2kV$ with **VR701**.

3. Adjustment for Horizontal Raster Center.

- 1) Display cross hatch pattern at Mode 8.
- 2) Adjust the raster should be center of the screen with **SW701**.

4. Adjustment for Factory Mode (Preset Mode).

- 1) Display cross hatch pattern at Mode 1.
- 2) Run alignment program for EVF720 on the IBM compatible PC.
- 3) EEPROM → ALL CLEAR → Y(Yes) command.
- 4) DIST. ADJ.
- 5) COMMAND → PRESET START → Y(Yes) command.
- 6) Adjust tilt as arrow keys to be the best condition.
- 7) DIST. ADJ. → BALANCE command.
- 8) Adjust balance of pin balance, key balance, Top corner correction and Bottom corner correction as arrow keys to be the best condition.
- 9) DIST. ADJ. → FOS. ADJ command.
- 10) Adjust H-SIZE as arrow keys to $310 \pm 2mm$.
- 11) Adjust H-POSITION as arrow keys to center of the screen.
- 12) Adjust V-SIZE as arrow keys to $230 \pm 1mm$.
- 13) Adjust V-POSITION as arrow keys to center of the screen.
- 14) Adjust S-PCC (Side-Pincushion) as arrow keys to be the best condition.
- 15) Adjust TRAPEZOID as arrow keys to be the best condition.
- 16) Adjust TILT as arrow keys to be the best condition
- 17) Display from Mode 2) to Mode 9).
- 18) Repeat 10) To 15).
- 19) PRESET EXIT → Y (Yes) command.

5. Adjustment for White Balance and Luminance.

- 1) Set the White Balance Meter.
- 2) Press the ⌂ (DEGAUSSING) on the OSD menu for demagnetization of the CDT.
- 3) Display color 0,0 pattern at Mode 8.
- 4) Set Brightness and Contrast to max position.
- 5) COLOR ADJ. → BIAS ADJ. command of the alignment program.
- 6) Check whether blue color or not at R-BIAS and G-BIAS to min position and B-BIAS to 127 (decimal) position at Sub-Bright Max. If it's not blue color, the monitor must be repaired.

- 7) Adjust Screen control on the FBT to $0.15 \pm 0.02 \text{ FL}$ of the raster luminance.
- 8) Adjust R-BIAS and G-BIAS command to $x=0.283 \pm 0.006$ and $y=0.298 \pm 0.006$ on the White Balance Meter with PC arrow keys.
- 9) Adjust SUB-Brightness command to $0.40 \sim 0.50 \text{ FL}$ of the raster luminance.
- 10) Display color 15,0 box pattern (70x70mm) at Mode 8.
- 11) DRIVE ADJ command.
- 12) Set SUB-CONTRAST to 200 (decimal).
- 13) Set B-DRIVE to 150 (decimal) at DRIVE of the alignment program.
- 14) Adjust R-DRIVE and G-DRIVE command to white balance $x=0.283 \pm 0.003$ and $y=0.298 \pm 0.003$ on the White Balance Meter with PC arrow keys.

- 15) Adjust SUB-CONTRAST command to $55 \pm 1 \text{ FL}$ of the box pattern (70x70 mm).
- 16) Display color 15,0 full white pattern at Mode 8.
- 17) COLOR ADJ. → LUMINANCE → ABL command.
- 18) Set the Brightness and Contrast to max position.
- 19) Adjust ABL to $35 \pm 1 \text{ FL}$ of the luminance.
- 20) Exit from the program.

6. Adjustment for Focus.

- 1) Display H character in full screen at Mode 8.
- 2) Adjust two Focus control on the FBT so that focus should be the best condition.

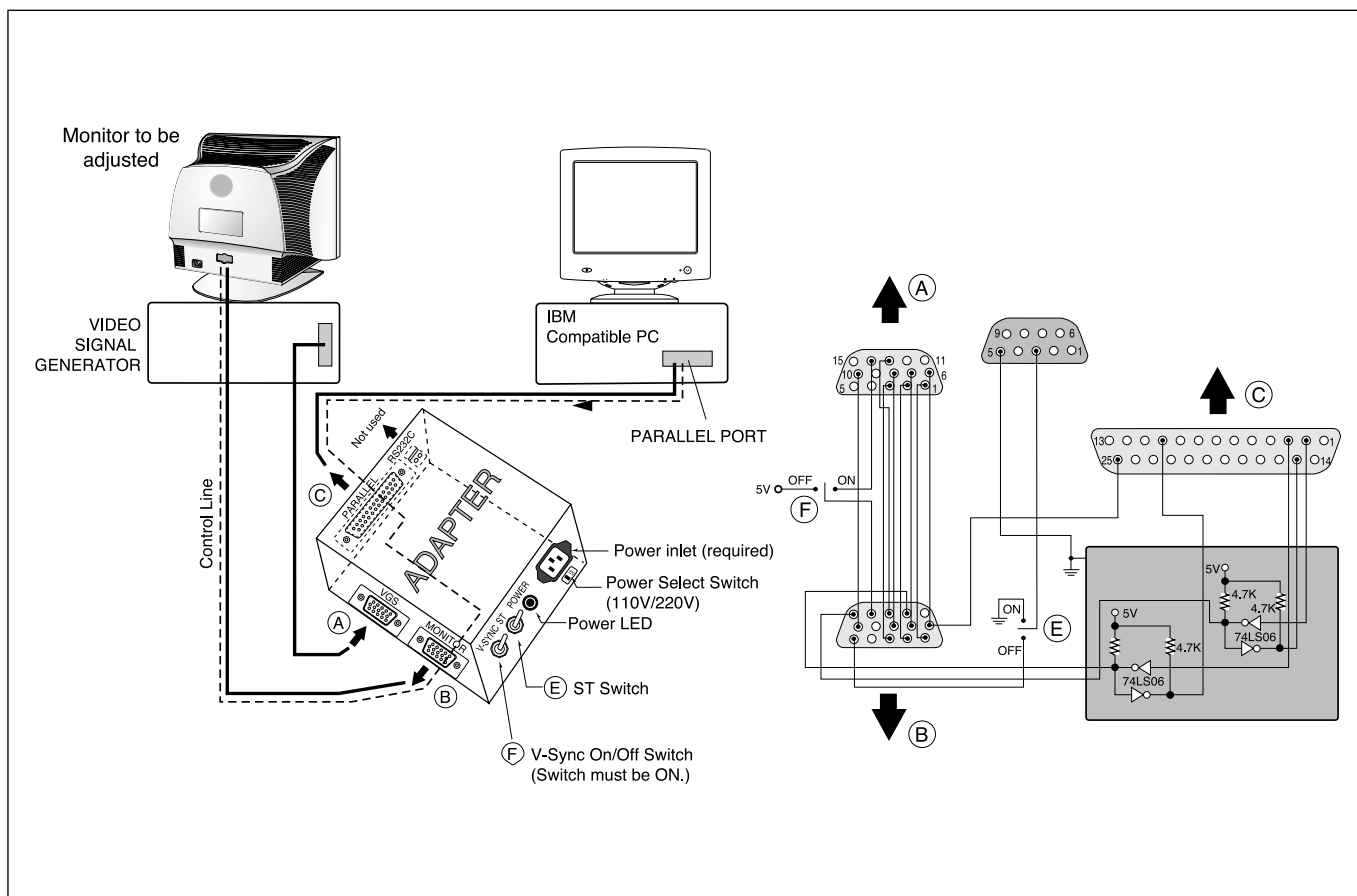
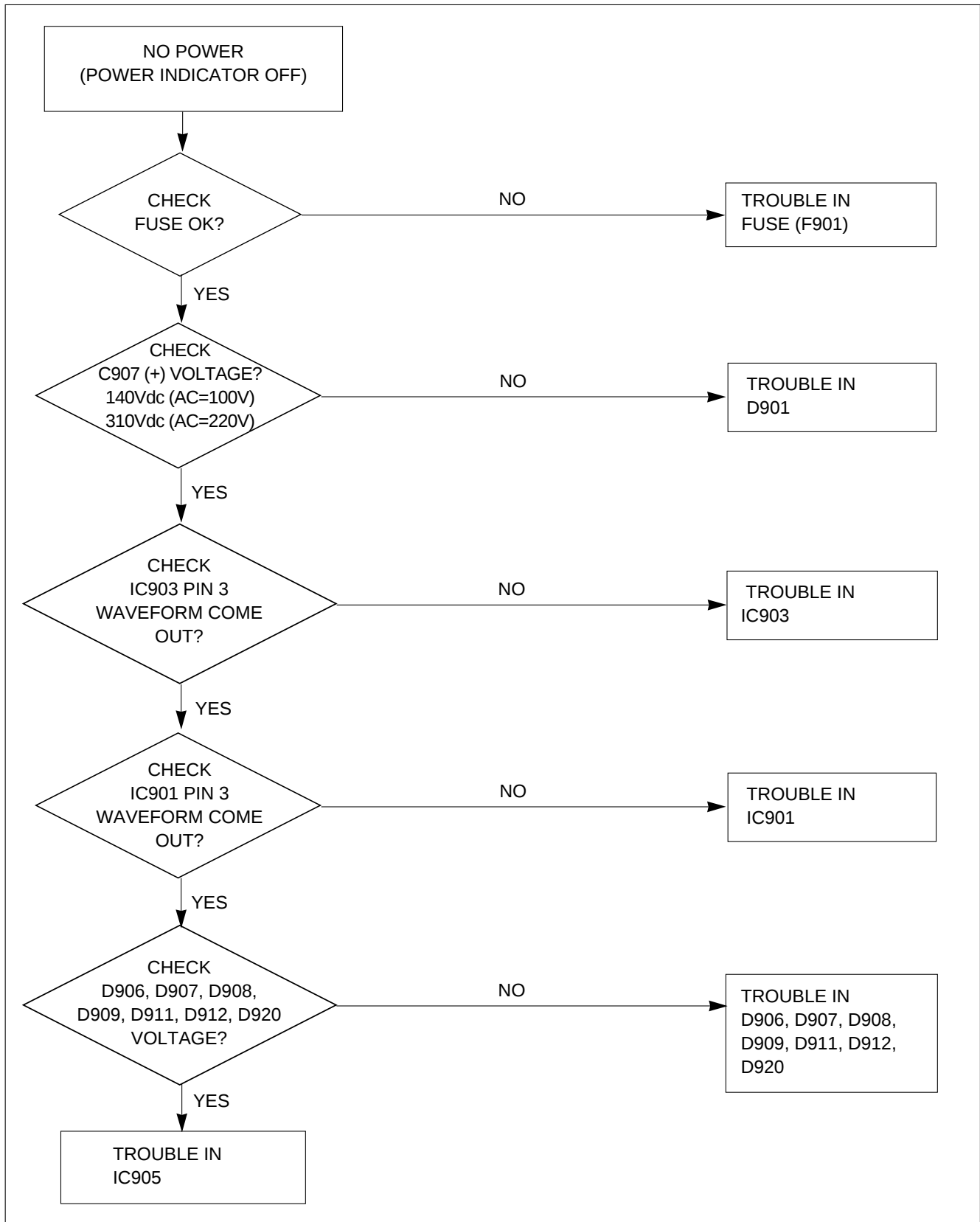


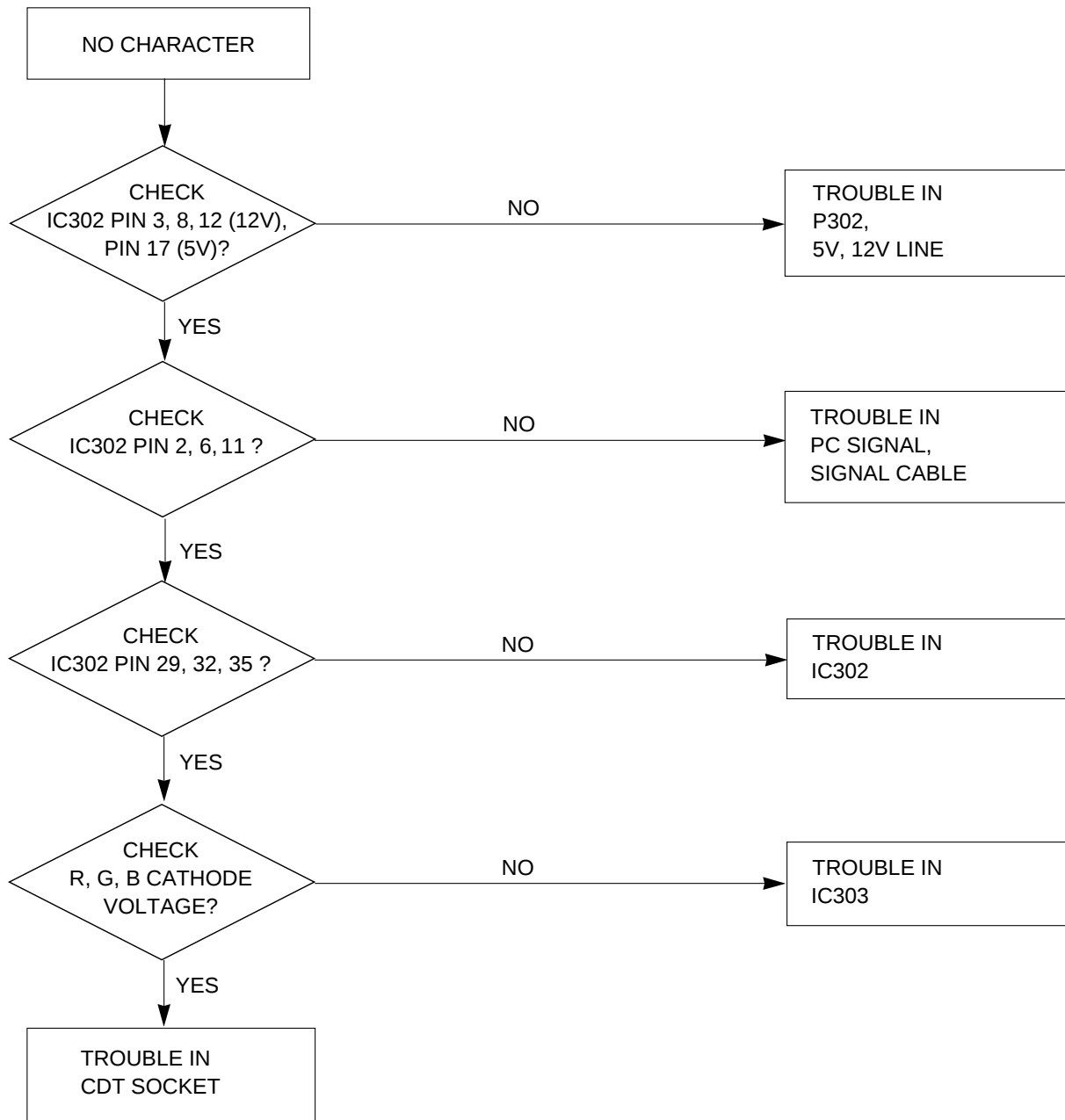
Figure 1. Cable Connection

TROUBLESHOOTING GUIDE

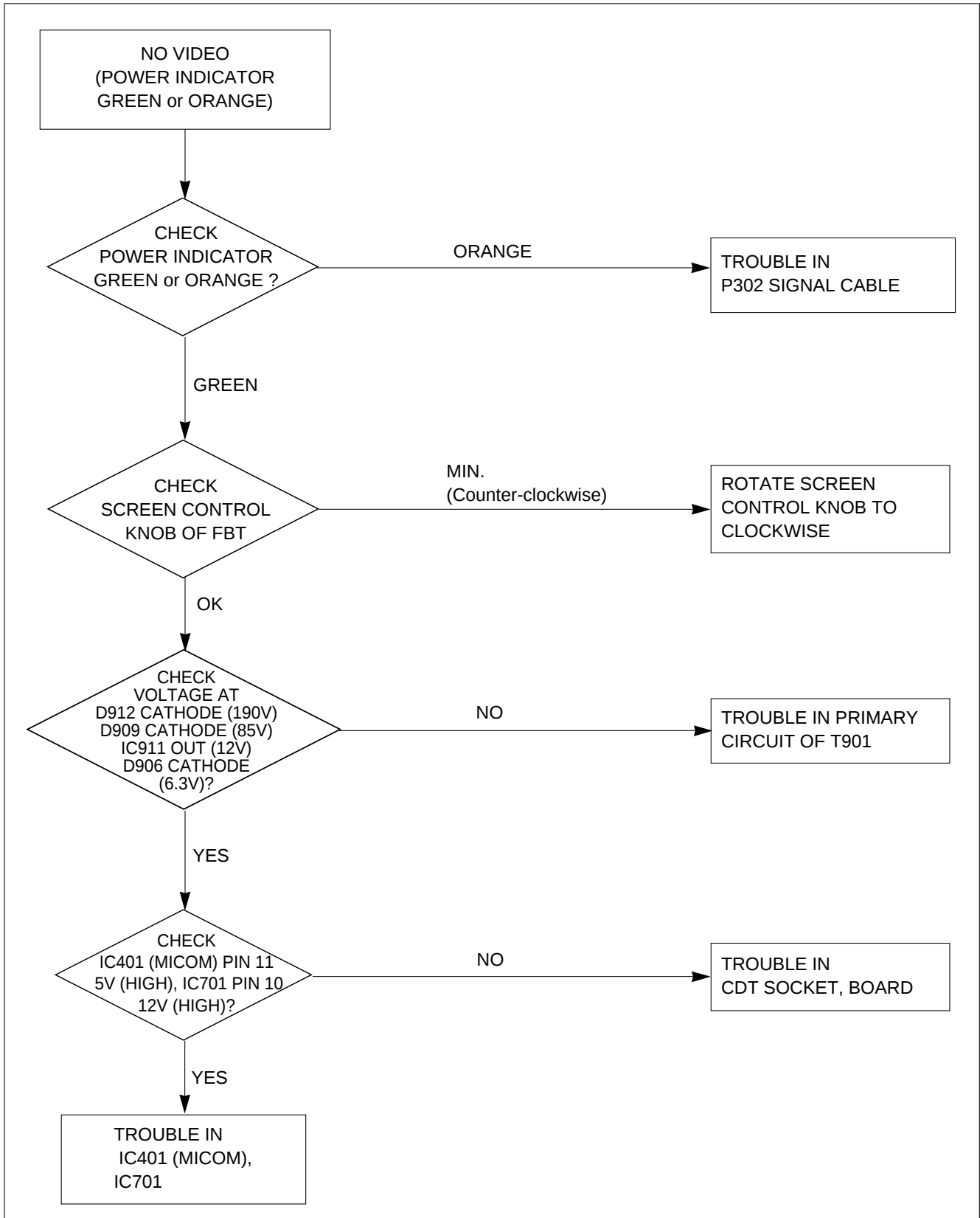
1. NO POWER



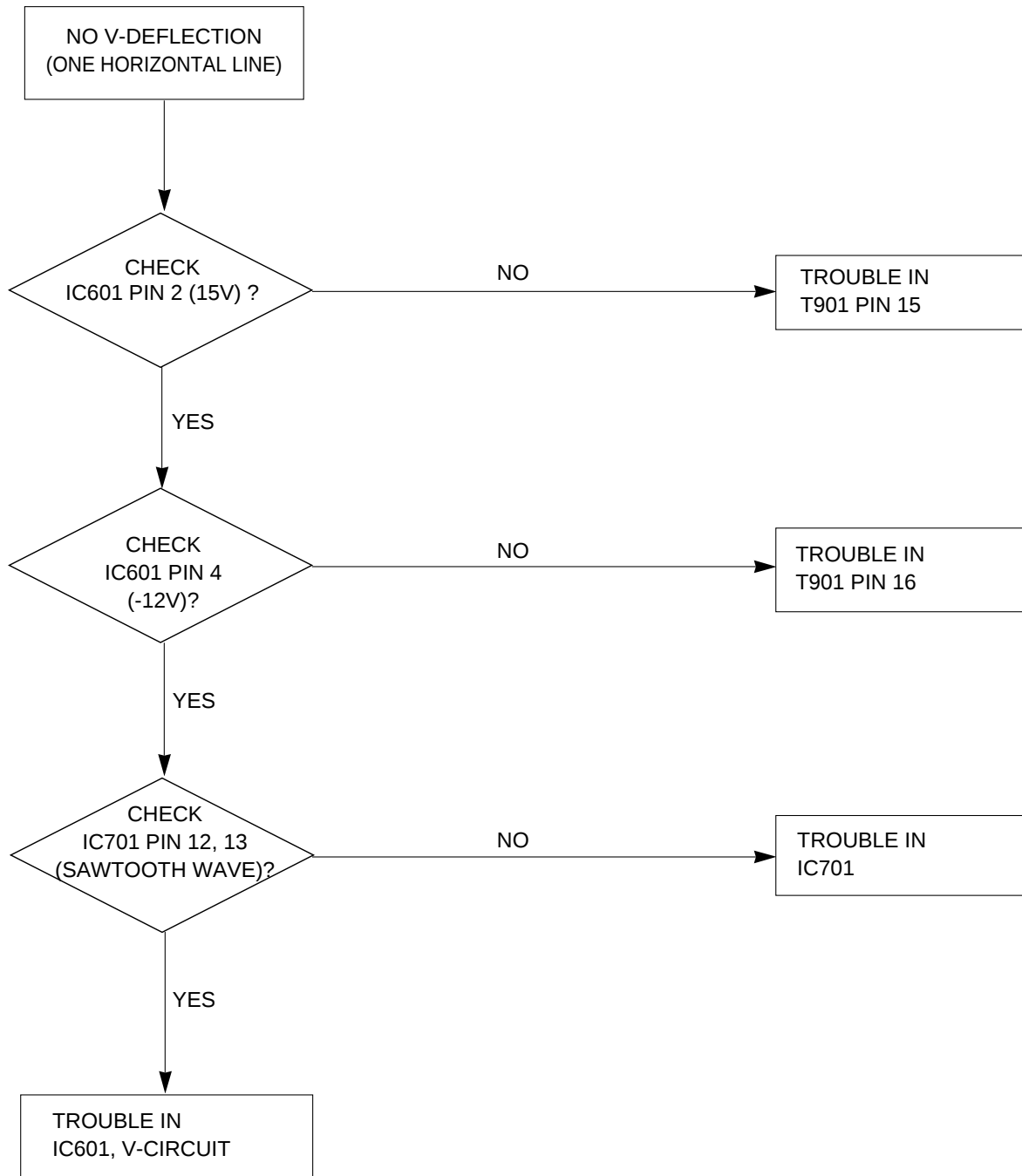
2. NO CHARACTER



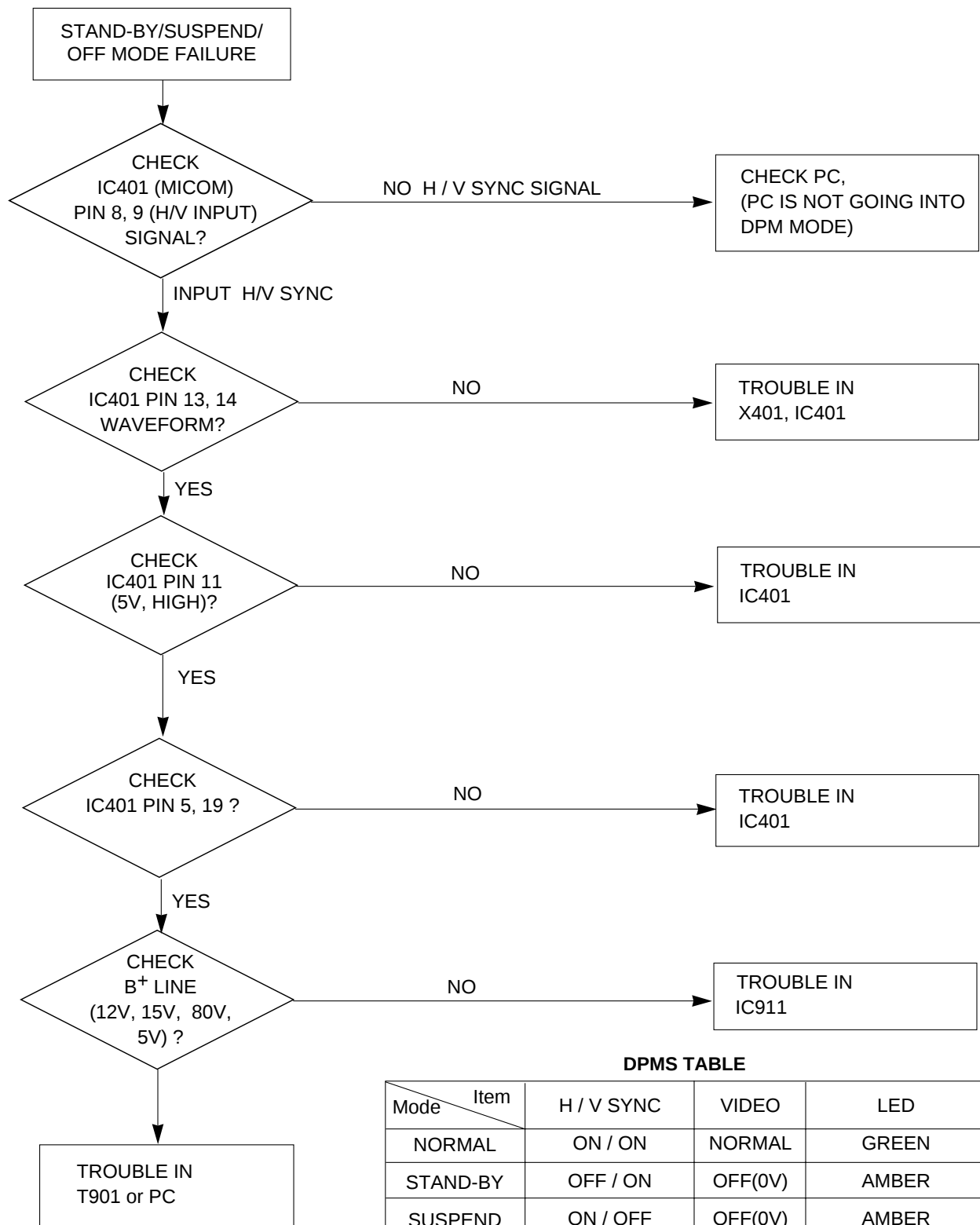
3. NO RASTER



4. NO VERTICAL DEFLECTION



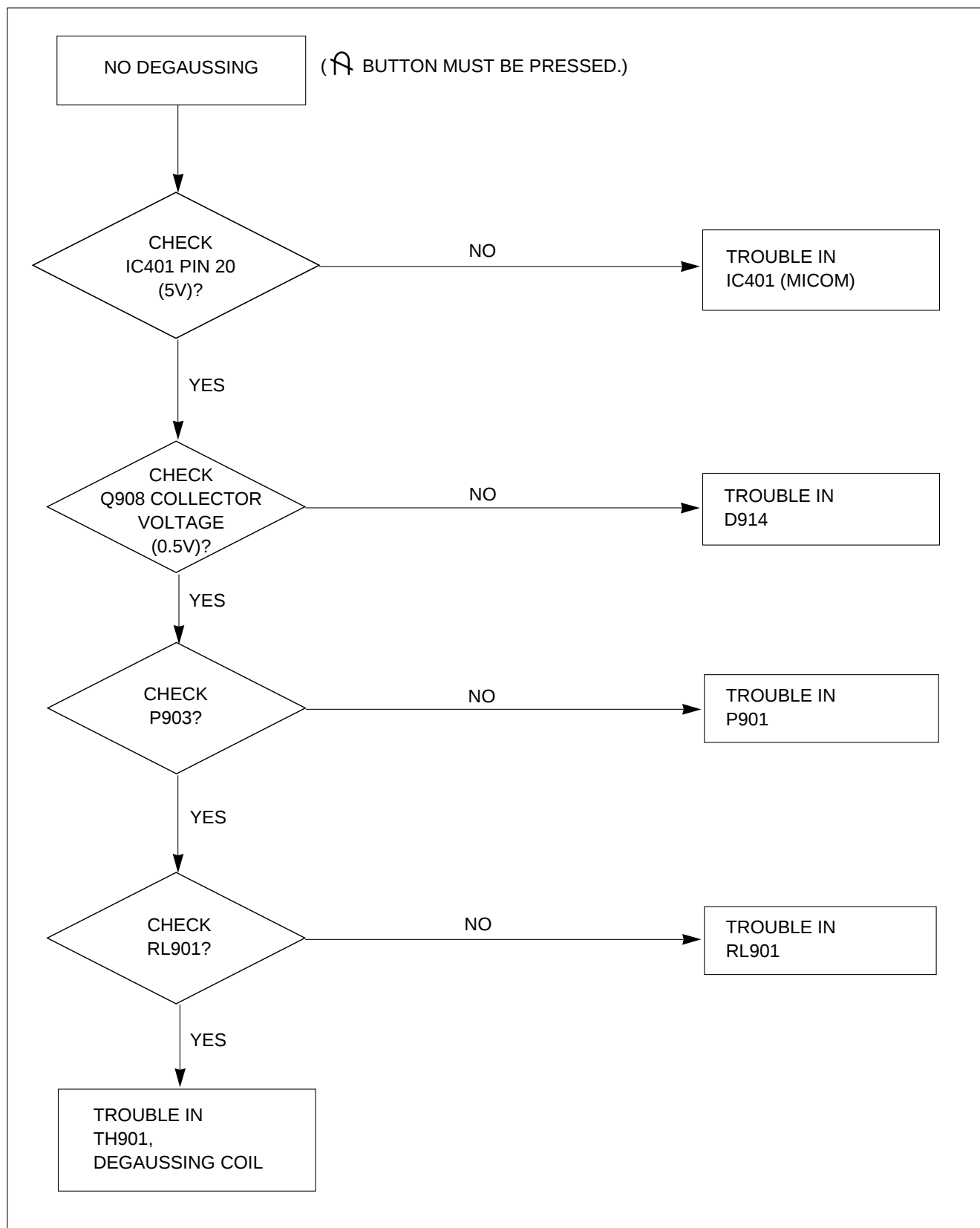
5. TROUBLE IN DPM



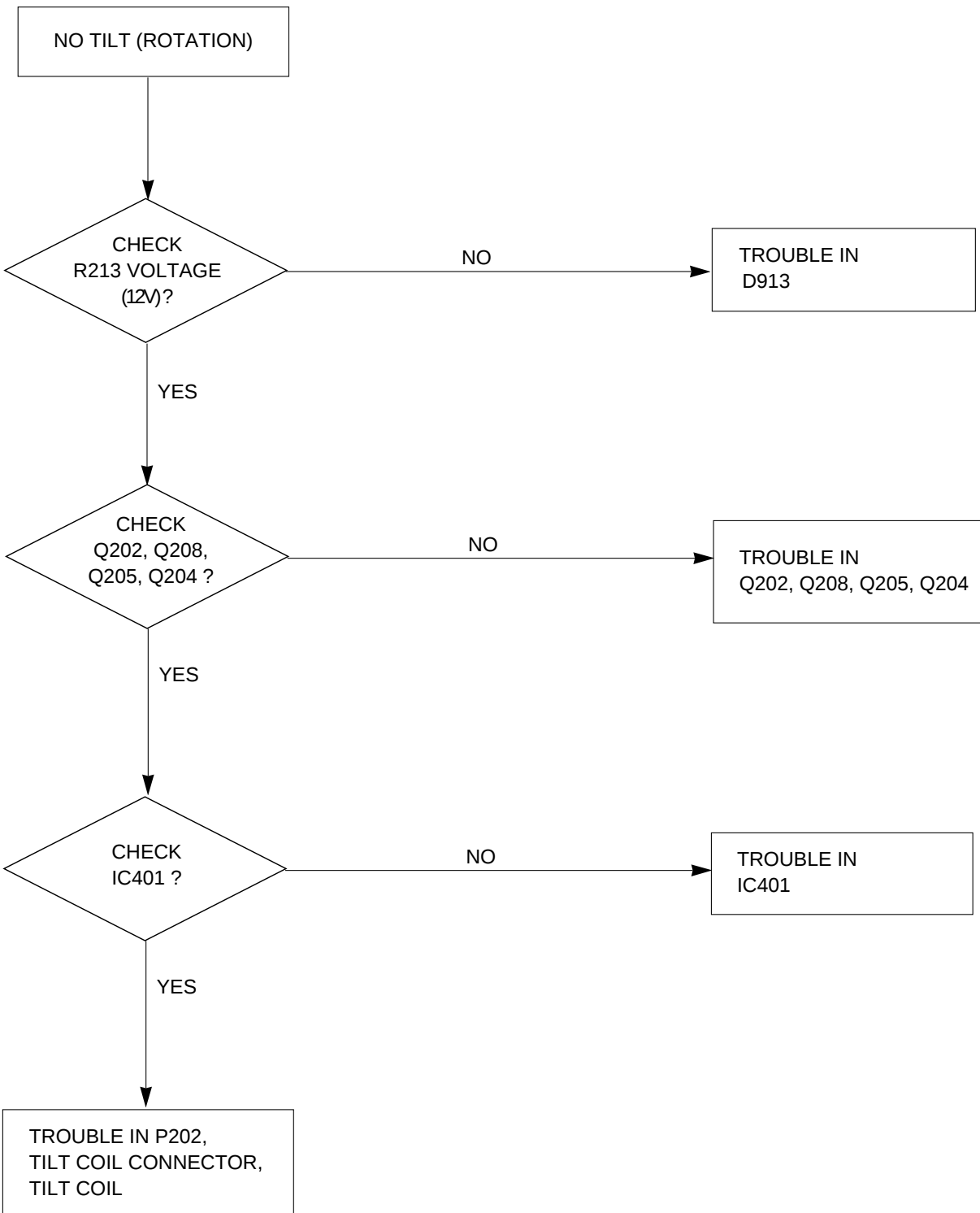
DPMS TABLE

Mode \ Item	H / V SYNC	VIDEO	LED
NORMAL	ON / ON	NORMAL	GREEN
STAND-BY	OFF / ON	OFF(0V)	AMBER
SUSPEND	ON / OFF	OFF(0V)	AMBER
OFF	OFF / OFF	OFF(0V)	AMBER

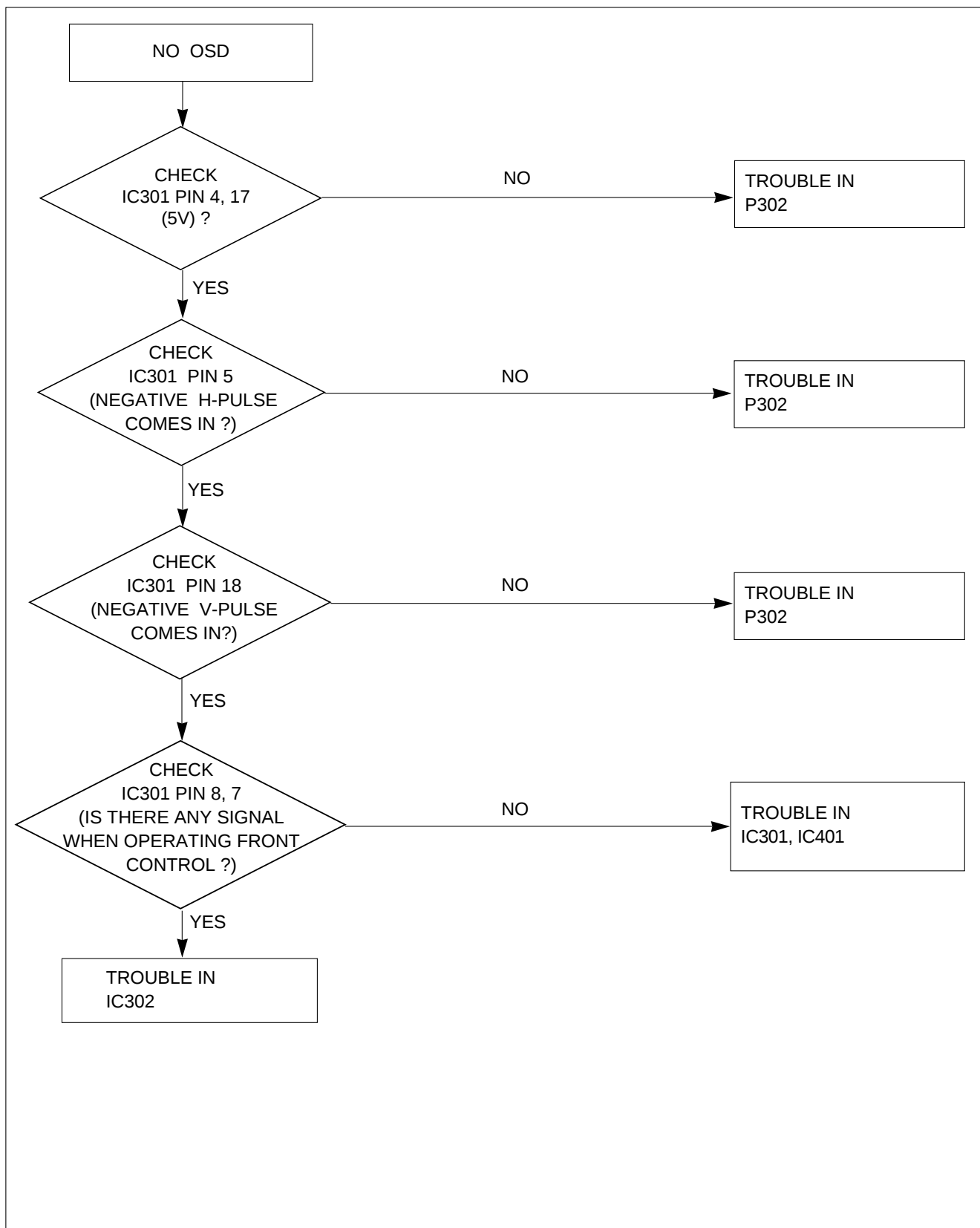
6. NO DEGAUSSING



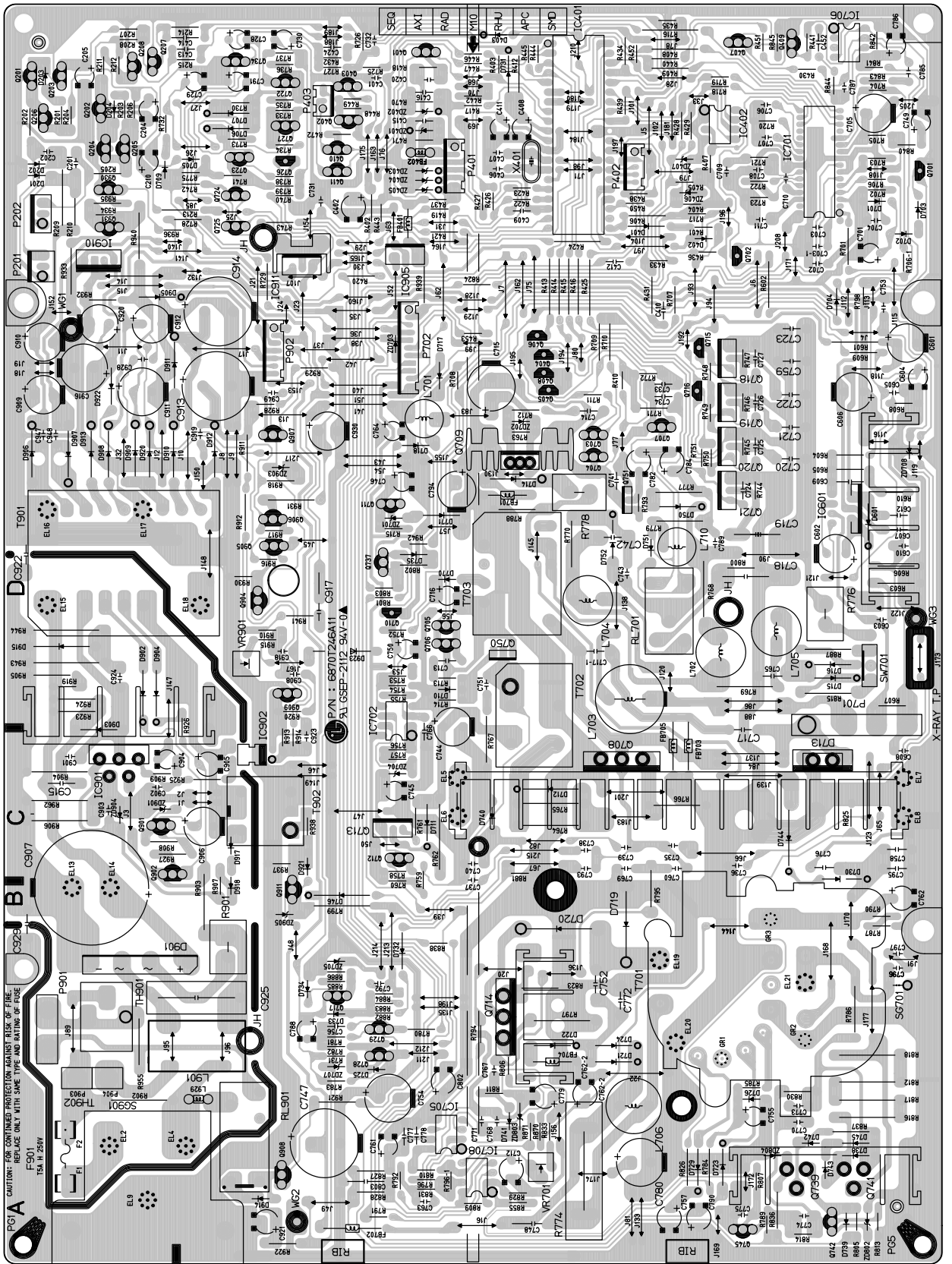
7. NO TILT (ROTATION)



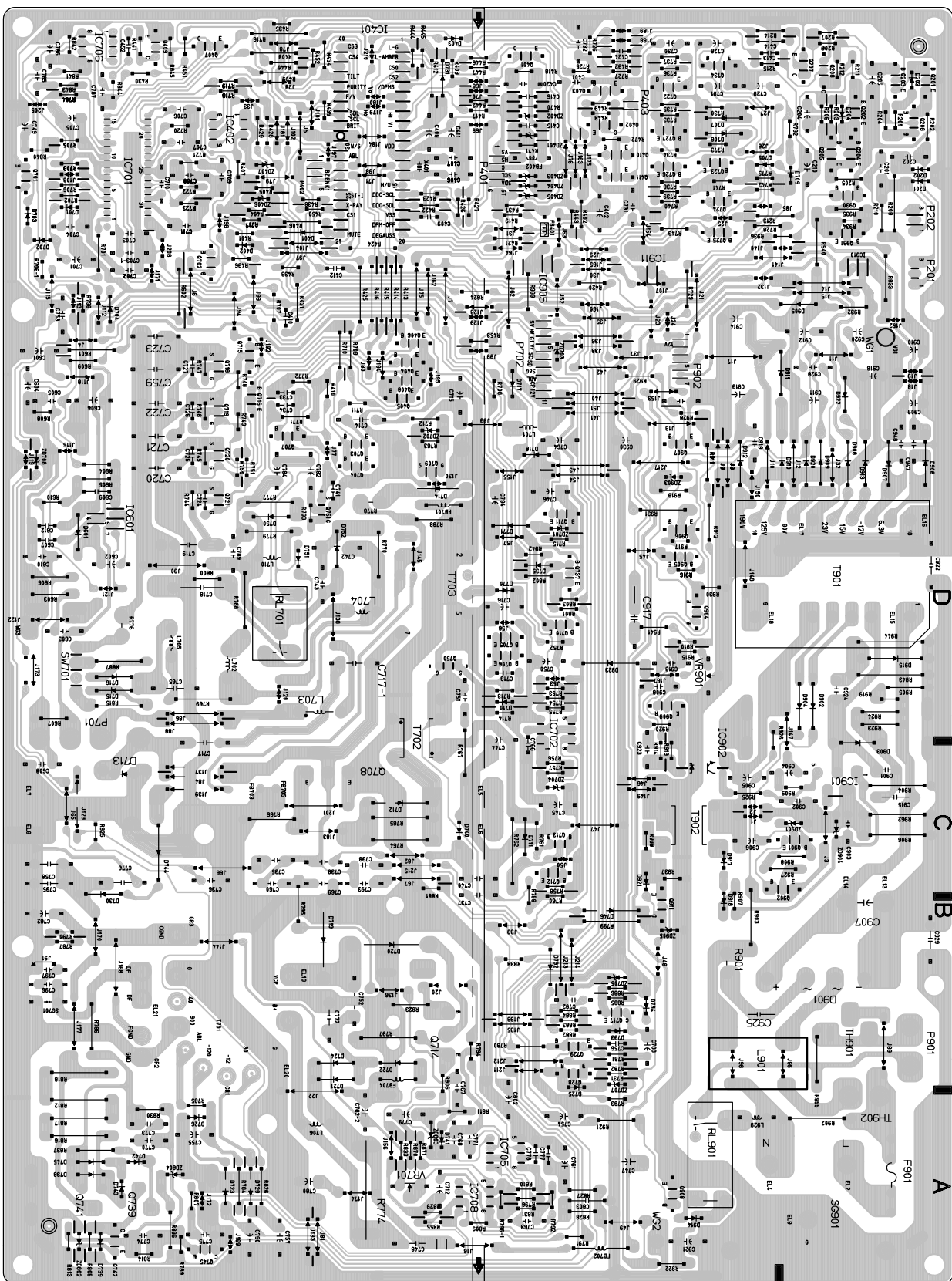
8. TROUBLE IN OSD



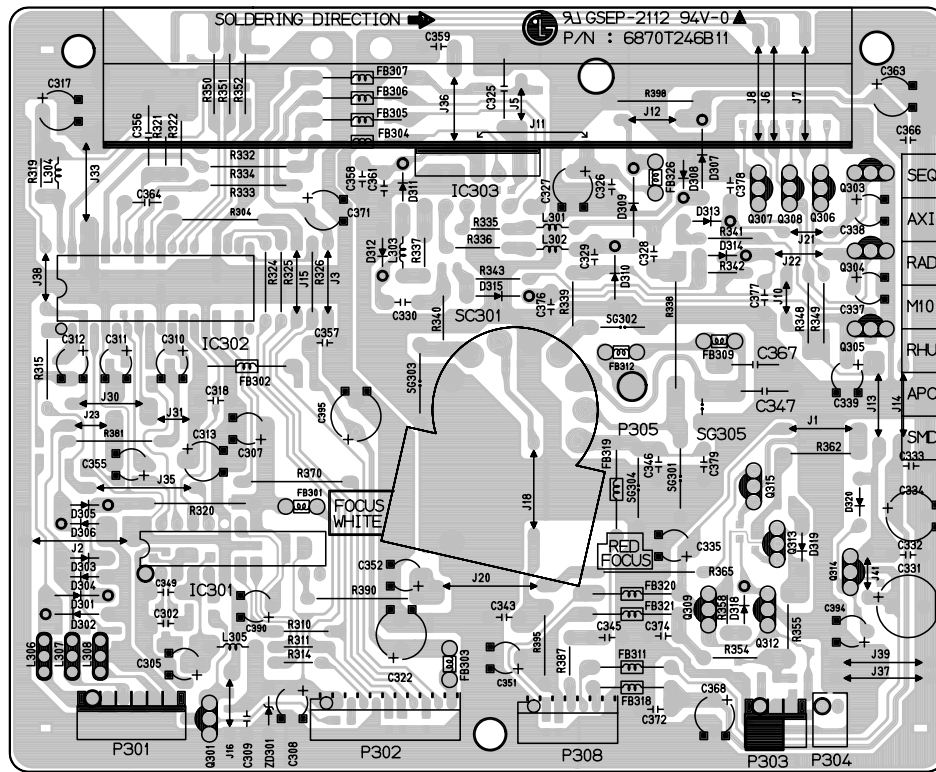
1. MAIN BOARD (Component Side)



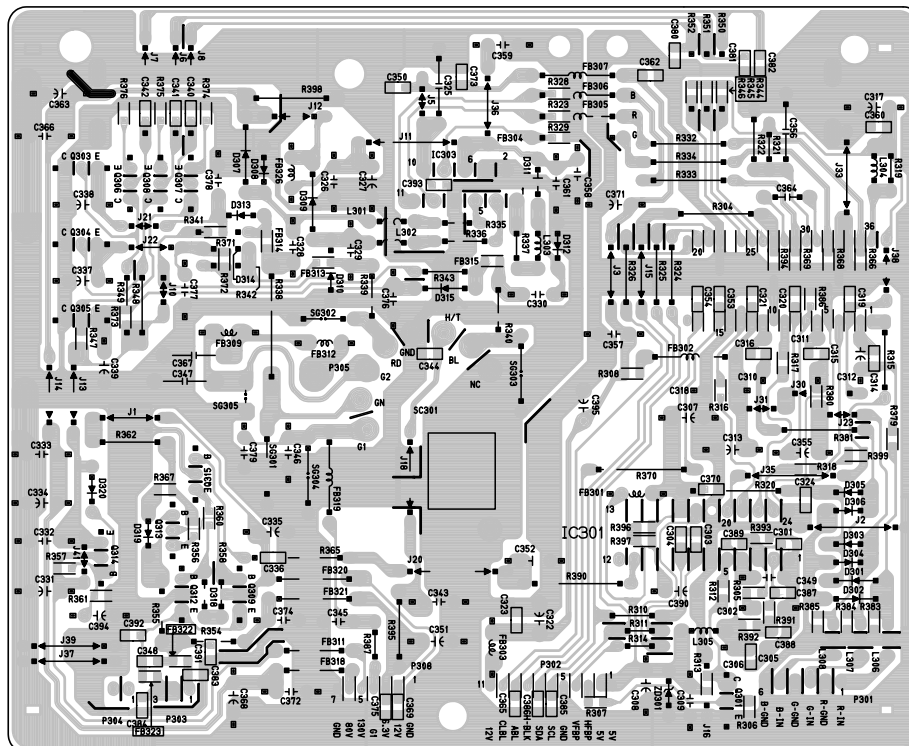
2. MAIN BOARD (Solder Side)



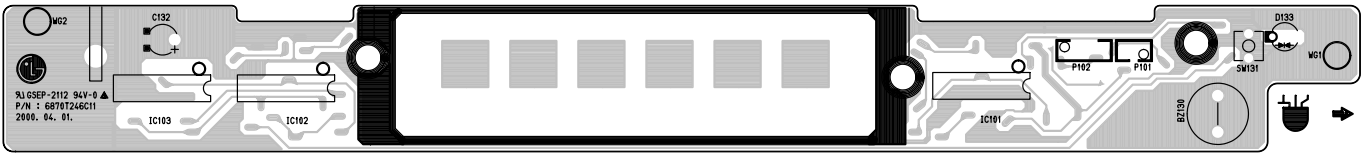
3. VIDEO BOARD (Component Side)



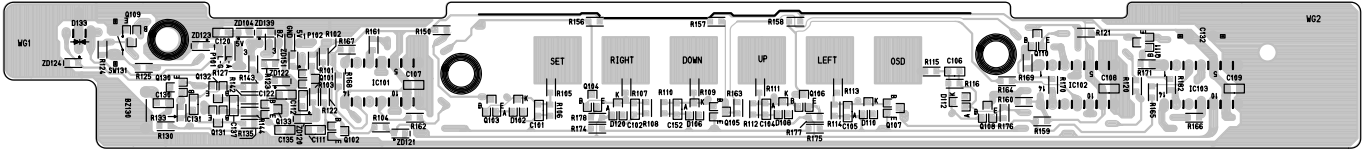
4. VIDEO BOARD (Solder Side)



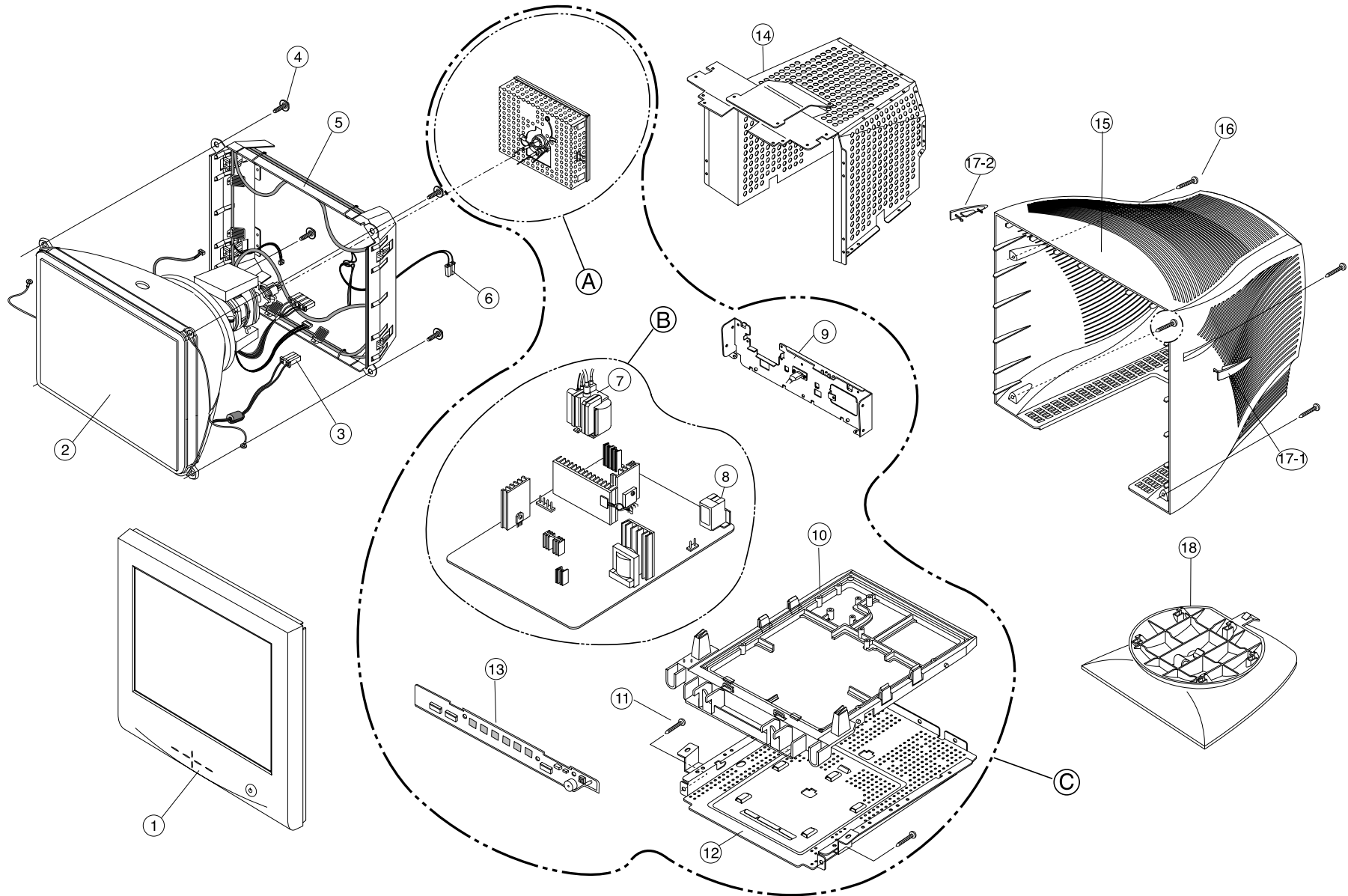
5. CONTROL BOARD (Component Side)



6. CONTROL BOARD (Solder Side)



EXPLODED VIEW



EXPLODED VIEW PARTS LIST

Ref. No.	Part No.	Description	Q'ty	Material
1	3091TKC042A	CABINET ASS'Y	1	LGC GN5001TF UL94-5V
2	2423GC3E41A	CDT, M41QBF423X 11N6LD	1	
3	6868T17004B	CDT EARTH	1	
4	339-002D	SCREW ASS'Y, PHP+5x30BP+GW18	4	
5	4951TKS054A	METAL FRAME ASS'Y	1	AL (t=1.0)
6	6140TC2010A	DEGAUSSING COIL	1	
7	6174Z-1018F	FBT, FMMTC-M1018F	1	
8	6200TJB003B	AC SOCKET	1	TERNE SHEET
9	4950TKK210A	REAR METAL ASS'Y	1	SBHG1 (t=1.0)
10	4810TKM037F	MAIN BRACKET	1	LGC GN5001TF UL94-5V
11	332-102G	SCREW, PTP+4x30	2	
12	4951TKK014A	METAL, BOTTOM SHIELD ASS'Y	1	SBHGI-A (t=1.0)
13	6871TST159B	PCB ASS'Y CONTROL TOTAL	1	
14	4815TKT006C	TOP SHIELD ASS'Y	1	AL (t=0.6)
15	3809TKC015U	BACK COVER ASS'Y	1	LGC GN5001TF UL94-5V
16	332-102P	SCREW, PTP+4x30	4	
17-1	3550TKK061E	SCREW COVER, RIGHT	1	LGC ABS 303S UL94-V0
17-2	3550TKK061F	SCREW COVER, LEFT	1	LGC ABS 303S UL94-V0
18	3043TKK040N	TILT SWIVEL ASS'Y	1	LGC HIPS 60HR UL94-HB
A	6871TVT153B	PCB ASS'Y, VIDEO TOTAL	1	
B	6871TMT160B	PCB ASS'Y, MAIN TOTAL	1	
C	3313T17040B	MAIN TOTAL ASS'Y	1	

REPLACEMENT PARTS LIST

CAUTION: BEFORE REPLACING ANY OF THESE COMPONENTS,
READ CAREFULLY THE **SAFETY PRECAUTIONS** IN THIS MANUAL.

* NOTE : **S** SAFETY Mark 
AL ALTERNATIVE PARTS

MODEL: EVF720				DATE: 2000. 4. 15.	
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
MAIN BOARD					
CAPACITORS					
		C201	181-288B	CAPACITOR,POLYESTER, MKT 100V 104JTR PHS26104	
		C202	181-288B	CAPACITOR,POLYESTER, MKT 100V 104JTR PHS26104	
		C204	0CE1066F618	CAPACITOR,AL.ELECTROLYTIC, 10UF SMS 16V M FL TP5	
		C205	0CE1066F618	CAPACITOR,AL.ELECTROLYTIC, 10UF SMS 16V M FL TP5	
		C210	0CE1076F618	CAPACITOR,AL.ELECTROLYTIC, 100UF SMS 16V M TP(5)	
		C401	0CK1040K945	CAPACITOR,CERAMIC (HIGH DIELECTRIC), 0.1UF 50V Z F TR	
		C402	0CE477CF618	CAPACITOR,AL.ELECTROLYTIC, 470UF SHL 16V M FL TP5	
		C406	0CC3300K415	CAPACITOR,CERAMIC (TEMP. COMPENSATE), 33P 50V J NPO TP	
		C407	0CC3300K415	CAPACITOR,CERAMIC (TEMP. COMPENSATE), 33P 50V J NPO TP	
		C408	181-288B	CAPACITOR,POLYESTER, MKT 100V 104JTR PHS26104	
		C409	0CN3310K519	CAPACITOR,TUBULAR(HIGH DIELEC), 330P 50V K B TA52	
		C410	0CN1040K949	CAPACITOR,TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C411	0CE4766F618	CAPACITOR,AL.ELECTROLYTIC, 47U SMS 16V M FM5 TP5	
		C412	0CN1040K949	CAPACITOR,TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C413	0CN3310K519	CAPACITOR,TUBULAR(HIGH DIELEC), 330P 50V K B TA52	
		C414	0CN3310K519	CAPACITOR,TUBULAR(HIGH DIELEC), 330P 50V K B TA52	
		C415	0CN4710K519	CAPACITOR,TUBULAR(HIGH DIELEC), 470P 50V K B TA52	
		C416	0CN3320K519	CAPACITOR,TUBULAR(HIGH DIELEC), 3300PF 50V K B TA52	
		C420	0CC2700K405	CAPACITOR,CERAMIC (TEMP. COMPENSATE), 27P 50V J SL TP	
		C424	0CN1030H949	CAPACITOR,TUBULAR(HIGH DIELEC), 0.0100UF 25V Z F TA52	
		C452	0CN1040K949	CAPACITOR,TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C601	0CE108CH618	CAPACITOR,AL.ELECTROLYTIC, 1000UF SHL 25V M FL TP5	
		C602	0CE2270K618	CAPACITOR,AL.ELECTROLYTIC, 220M SMS 50V M FM5 TP(5)	
		C603	181-288Q	CAPACITOR,POLYESTER, MKT 100V 154JTR PHS26154	
		C604	0CE3366H618	CAPACITOR,AL.ELECTROLYTIC, 33M SMS 25V M FL TP(5)	
		C605	0CQ5621N419	CAPACITOR,POLYESTER, 5600P 100V J POLY NI TP	
		C606	0CE108CF618	CAPACITOR,AL.ELECTROLYTIC, 1000UF SHL 16V M FL TP5	
		C608	0CC2210K415	CAPACITOR,CERAMIC (TEMP. COMPENSATE), 220P 50V J NPO TP	
		C609	0CN2220K519	CAPACITOR,TUBULAR(HIGH DIELEC), 2200PF 50V K B TA52	
		C610	181-288B	CAPACITOR,POLYESTER, MKT 100V 104JTR PHS26104	
		C612	0CN1040K949	CAPACITOR,TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C701	0CE1066F618	CAPACITOR,AL.ELECTROLYTIC, 10UF SMS 16V M FL TP5	
		C702	181-288B	CAPACITOR,POLYESTER, MKT 100V 104JTR PHS26104	
		C703	181-475A	CAPACITOR,POLYPROPYLENE, 102J 11.5*10.0*6.0*5.0 100V J PU TP5	
		C703-1	0CC8210K405	CAPACITOR,CERAMIC (TEMP. COMPENSATE), 820P 50V J SL TS	
		C704	181-288P	CAPACITOR,POLYESTER, MKT 100V 153JTR PHS86153	
		C705	0CE108CF630	CAPACITOR,AL.ELECTROLYTIC, 1000UF SHL 16V M FM5 BULK	
		C706	181-288Q	CAPACITOR,POLYESTER, MKT 100V 154JTR PHS26154	
		C707	181-288B	CAPACITOR,POLYESTER, MKT 100V 104JTR PHS26104	
		C708	0CQ8221N519	CAPACITOR,POLYESTER, 0.0082U 100V K POLY NI TP	
		C709	181-288B	CAPACITOR,POLYESTER, MKT 100V 104JTR PHS26104	
		C710	181-288N	CAPACITOR,POLYESTER, MKT 100V 103JTR PHS86103	
		C711	0CQ5621N419	CAPACITOR,POLYESTER, 5600P 100V J POLY NI TP	
		C712	0CE3366H618	CAPACITOR,AL.ELECTROLYTIC, 33M SMS 25V M FL TP(5)	
		C713	0CN1040K949	CAPACITOR,TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C714	181-477U	CAPACITOR,POLYPROPYLENE, 333J 19.5*13.0*7.5*7.5 250V J PU TP7.5	
		C715	0CE476CR630	CAPACITOR,AL.ELECTROLYTIC, 47UF SHL,SD 250V M FM5 BULK	
		C716	181-288T	CAPACITOR,POLYESTER, MKT 100V 223KTR PHS85223	
		C717	0CBZTTA002A	CAPACITOR,POLYPROPYLENE, 2000F D 2.5KV J M/PP NI TP7.5	
		C717-1	0CBZTTA002A	CAPACITOR,POLYPROPYLENE, 2000F D 2.5KV J M/PP NI TP7.5	
		C718	181-305S	CAPACITOR,POLYPROPYLENE, 424J 26.0*18.5*10.0*20.0 250V J MPP FM20	
		C719	181-305S	CAPACITOR,POLYPROPYLENE, 424J 26.0*18.5*10.0*20.0 250V J MPP FM20	
		C720	181-482H	CAPACITOR,POLYPROPYLENE, 364J 18.0*19.0*12.0*7.5 250V J MPP TP7.5	
		C721	181-477W	CAPACITOR,POLYPROPYLENE, 473J 19.5*15.0*8.5*7.5 250V J PU TP7.5	
		C722	181-482D	CAPACITOR,POLYPROPYLENE, 184J 18.0*15.0*8.5*7.5 250V J MPP TP7.5	
		C723	181-478B	CAPACITOR,POLYPROPYLENE, 124J 20.0*19.0*11.0*7.5 250V J PU TP7.5	

MODEL: EVF720				DATE: 2000. 4. 15.	
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		C724	0CN1040K949	CAPACITOR,TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C725	0CN1040K949	CAPACITOR,TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C726	0CN1040K949	CAPACITOR,TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C727	0CN1040K949	CAPACITOR,TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C728	0CE1056P618	CAPACITOR,AL.ELECTROLYTIC, 1U SMS 160V M FM5 TP5	
		C729	0CE477CH618	CAPACITOR,AL.ELECTROLYTIC, 470UF SHL 25V M FL TP5	
		C730	0CE4756P618	CAPACITOR,AL.ELECTROLYTIC, 4.7U SMS 160V M FM5 TP5	
		C731	181-288B	CAPACITOR,POLYESTER, MKT 100V 104JTR PHS26104	
		C732	181-288B	CAPACITOR,POLYESTER, MKT 100V 104JTR PHS26104	
		C733	0CN1040K949	CAPACITOR,TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C734	0CN1040K949	CAPACITOR,TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C735	0CK10102515	CAPACITOR,CERAMIC (HIGH DIELECTRIC), 100PF 2KV K B TR	
		C736	0CQ3321N419	CAPACITOR,POLYESTER, 3300P 100V J POLY NI TP	
		C737	0CK4710W515	CAPACITOR,CERAMIC (HIGH DIELECTRIC), 470P 500V K B TS	
		C738	0CK10102515	CAPACITOR,CERAMIC (HIGH DIELECTRIC), 100PF 2KV K B TR	
		C739	0CK10102515	CAPACITOR,CERAMIC (HIGH DIELECTRIC), 100PF 2KV K B TR	
		C740	0CQ1831N419	CAPACITOR,POLYESTER, 0.018UF 100V J PE NI TP	
		C742	181-477H	CAPACITOR,POLYPROPYLENE, 392J 19.5*12.0*7.0*7.5 250V J PU TP7.5	
		C743	0CK68101515	CAPACITOR,CERAMIC (HIGH DIELECTRIC), 680P 1KV K B TS	
		C744	0CE1076K618	CAPACITOR,AL.ELECTROLYTIC, 100U SMS 50V M FM5 TP5	
		C745	0CE1066K618	CAPACITOR,AL.ELECTROLYTIC, 10M SMS 50V M FM5 TP(5)	
		C746	181-288B	CAPACITOR,POLYESTER, MKT 100V 104JTR PHS26104	
		C747	0CE2276P650	CAPACITOR,AL.ELECTROLYTIC, 220U SMS 160V M FM7.5	
		C748	181-302H	CAPACITOR,POLYPROPYLENE, 392J 19.5*12.0*7.0*10.0 250V J PU FM10	
		C749	0CE3366H618	CAPACITOR,AL.ELECTROLYTIC, 33M SMS 25V M FL TP(5)	
		C750	0CE4756K618	CAPACITOR,AL.ELECTROLYTIC, 4.7U SMS 50V M FM5 TP5	
		C751	0CQ1021N419	CAPACITOR,POLYESTER, 1000P 100V J POLY NI TP	
		C752	0CBZTTA001E	CAPACITOR,POLYPROPYLENE, 222J 20.0*10.5*6.5*7.5 800V J BUP TP7.5	
		C753	181-288B	CAPACITOR,POLYESTER, MKT 100V 104JTR PHS26104	
		C754	0CE107CP630	CAPACITOR,AL.ELECTROLYTIC, 100UF SHL 160V M FM5 BULK	
		C755	0CE105CK638	CAPACITOR,AL.ELECTROLYTIC, 1UF SHL,SD 50V M FM5 TP 5	
		C756	0CN4710K519	CAPACITOR,TUBULAR(HIGH DIELEC), 470P 50V K B TA52	
		C757	0CE2266K618	CAPACITOR,AL.ELECTROLYTIC, 22M SMS 50V M FM5 TP(5)	
		C758	0CK10302945	CAPACITOR,CERAMIC (HIGH DIELECTRIC), 0.01UF 2KV Z F TR	
		C759	181-477T	CAPACITOR,POLYPROPYLENE, 273J 19.5*12.0*7.0*7.5 250V J PU TP7.5	
		C760	0CK10102515	CAPACITOR,CERAMIC (HIGH DIELECTRIC), 100PF 2KV K B TR	
		C761	0CE3366H618	CAPACITOR,AL.ELECTROLYTIC, 33M SMS 25V M FL TP(5)	
		C762	0CE685CK638	CAPACITOR,AL.ELECTROLYTIC, 6.8UF SHL,SD 50V M FM5 TP 5	
		C763	0CQ1221N419	CAPACITOR,POLYESTER, 0.0012U 100V J POLY NI TP	
		C764	0CE3366H618	CAPACITOR,AL.ELECTROLYTIC, 33M SMS 25V M FL TP(5)	
		C765	0CBZTTA001S	CAPACITOR,POLYPROPYLENE, 123J 23.0*16.0*9.5*7.5 800V J BUP TP7.5	
		C766	0CN1040K949	CAPACITOR,TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C767	0CQ1021N419	CAPACITOR,POLYESTER, 1000P 100V J POLY NI TP	
		C768	0CK1010K515	CAPACITOR,CERAMIC (HIGH DIELECTRIC), 100PF 50V K B TR	
		C769	0CQ3321N419	CAPACITOR,POLYESTER, 3300P 100V J POLY NI TP	
		C770	0CC1000W105	CAPACITOR,CERAMIC (TEMP. COMPENSATE), 10PF 500V D SL TR	
		C771	0CQ3321N419	CAPACITOR,POLYESTER, 3300P 100V J POLY NI TP	
		C772	181-477A	CAPACITOR,POLYPROPYLENE, 102J 19.5*12.0*7.0*7.5 250V J PU TP7.5	
		C773	0CC1000W105	CAPACITOR,CERAMIC (TEMP. COMPENSATE), 10PF 500V D SL TR	
		C774	0CQ1021N419	CAPACITOR,POLYESTER, 1000P 100V J POLY NI TP	
		C775	0CC1010K415	CAPACITOR,CERAMIC (TEMP. COMPENSATE), 100P 50V J NP0 TS	
		C776	0CK10302945	CAPACITOR,CERAMIC (HIGH DIELECTRIC), 0.01UF 2KV Z F TR	
		C777	0CN1040K949	CAPACITOR,TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C778	0CN1040K949	CAPACITOR,TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C779	0CE226BH638	CAPACITOR,AL.ELECTROLYTIC, 22U KME 25V M FM5 TP5	
		C780	0CE107EP630	CAPACITOR,AL.ELECTROLYTIC, 100UF KMG 160V M FM5 BULK	
		C785	181-288B	CAPACITOR,POLYESTER, MKT 100V 104JTR PHS26104	
		C786	0CE4766F618	CAPACITOR,AL.ELECTROLYTIC, 47U SMS 16V M FM5 TP5	
		C787	0CQ2231N419	CAPACITOR,POLYESTER, 0.022UF 100V J PE NI TP	
		C788	0CE1076F618	CAPACITOR,AL.ELECTROLYTIC, 100UF SMS 16V M TP(5)	
		C790	0CE2256P618	CAPACITOR,AL.ELECTROLYTIC, 2.2U SMS 160V M FM5 TP5	
		C791	0CE2256N618	CAPACITOR,AL.ELECTROLYTIC, 2.2M SMS 100V M FM(5) TP(5)	
		C793	0CK10102515	CAPACITOR,CERAMIC (HIGH DIELECTRIC), 100PF 2KV K B TR	
		C794	0CE477CH618	CAPACITOR,AL.ELECTROLYTIC, 470UF SHL 25V M FL TP5	
		C795	0CK10302945	CAPACITOR,CERAMIC (HIGH DIELECTRIC), 0.01UF 2KV Z F TR	
		C796	0CK10102515	CAPACITOR,CERAMIC (HIGH DIELECTRIC), 100PF 2KV K B TR	

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*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		C802	0CE3366H618	CAPACITOR,AL.ELECTROLYTIC, 33M SMS 25V M FL TP(5)	
		C803	0CN1040K949	CAPACITOR,TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C901	0CK10101515	CAPACITOR,CERAMIC (HIGH DIELECTRIC), 100PF 1KV K B TR	
		C902	181-288C	CAPACITOR,POLYESTER, MKT 100V 224JTR PHS 26224	
		C903	0CK3320W515	CAPACITOR,CERAMIC (HIGH DIELECTRIC), 3300P 500V K B TS	
		C904	0CE335CK638	CAPACITOR,AL.ELECTROLYTIC, 3.3UF SHL,SD 50V M FM5 TP 5	
		C905	0CE4766H618	CAPACITOR,AL.ELECTROLYTIC, 47M SMS 25V M FL TP(5)	
		C906	0CE226CQ630	CAPACITOR,AL.ELECTROLYTIC, 22U SHL 200V M FM5	
		C907	0CZZTAB001B	CAPACITOR, SMH/HC 470UF 400V 30*50 BK10	
		C908	181-288D	CAPACITOR,POLYESTER, MKT 100V 473JTR PHS26473	
		C909	0CE108CF630	CAPACITOR,AL.ELECTROLYTIC, 1000UF SHL 16V M FM5 BULK	
		C910	0CE108CF630	CAPACITOR,AL.ELECTROLYTIC, 1000UF SHL 16V M FM5 BULK	
		C911	0CE227EN630	CAPACITOR,AL.ELECTROLYTIC, 220UF KMG 100V M FM5 BULK	
		C912	0CE1076K618	CAPACITOR,AL.ELECTROLYTIC, 100U SMS 50V M FM5 TP5	
		C913	0CE227CR650	CAPACITOR,AL.ELECTROLYTIC, 220UF SHL 250V M FM7.5 BULK	
		C914	0CE2276P650	CAPACITOR,AL.ELECTROLYTIC, 220U SMS 160V M FM7.5	
		C915	181-308V	CAPACITOR,POLYPROPYLENE, 393J 20.0*21.0*13.5*10.0 630V J PU FM10	
		C916	0CE228CH618	CAPACITOR,AL.ELECTROLYTIC, 2200U SHL 25V M FL TP5	
		C917	181-305J	CAPACITOR,POLYPROPYLENE, 474J 26.0*17.0*10.5*15.0 250V J MPP FM15	
		C918	0CC4710K405	CAPACITOR,CERAMIC (TEMP. COMPENSATE), 470P 50V J SL TP	
		C919	0CK56101515	CAPACITOR,CERAMIC (HIGH DIELECTRIC), 560P 1KV K B TS	
		C920	0CE2266N618	CAPACITOR,AL.ELECTROLYTIC, 22M SMS 100V M FM5 TP5	
		C921	0CE4766F618	CAPACITOR,AL.ELECTROLYTIC, 47U SMS 16V M FM5 TP5	
		C922	0CKZTBU003C	CAPACITOR,CERAMIC (HIGH DIELECTRIC), SC E 472M 14.0BW7 250V BK7.5	
		C924	0CK22102515	CAPACITOR,CERAMIC (HIGH DIELECTRIC), 220P 2KV K B TS	
		C925	0CBZTBU002A	CAPACITOR,POLYESTER, BULK PCX2 335 224K	
		C928	0CK56101515	CAPACITOR,CERAMIC (HIGH DIELECTRIC), 560P 1KV K B TS	
		C930	0CE108CH618	CAPACITOR,AL.ELECTROLYTIC, 1000UF SHL 25V M FL TP5	
		C947	0CK2710W515	CAPACITOR,CERAMIC (HIGH DIELECTRIC), 270P 500V K B TS	
		C948	0CK2710W515	CAPACITOR,CERAMIC (HIGH DIELECTRIC), 270P 500V K B TS	
		C949	181-288B	CAPACITOR,POLYESTER, MKT 100V 104JTR PHS26104	
DIODES					
		D201	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D202	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D203	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D204	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D401	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D402	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D403	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D601	0DD200009BA	DIODE,RECTIFIER, EGP20D TP G.I DO204AC 200V 2A 75A 50NS 5U	
		D701	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D702	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D703	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D704	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D705	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D706	0DR140059DA	DIODE,RECTIFIER, 1N4005TB52 TP LITEON DO41 600V 1A 40A ,SEC	
		D707	0DR140059DA	DIODE,RECTIFIER, 1N4005TB52 TP LITEON DO41 600V 1A 40A ,SEC	
		D709	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D710	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D711	0DR140059DA	DIODE,RECTIFIER, 1N4005TB52 TP LITEON DO41 600V 1A 40A ,SEC	
		D712	0DD140009AA	DIODE,RECTIFIER, EK14 V(1) TP SANKEN E/EO-TMD 40V 1.5A 40A 0	
		D713	0DR123151AA	DIODE,RECTIFIER, YG123S15 ST FUJI TO220FN 1500V 10A 80A 0.5U	
		D714	0DD360000BA	DIODE,RECTIFIER, S3L60(FORMING) SHINDENGEN	
		D715	0DD140009AA	DIODE,RECTIFIER, EK14 V(1) TP SANKEN E/EO-TMD 40V 1.5A 40A 0	
		D716	0DD140009AA	DIODE,RECTIFIER, EK14 V(1) TP SANKEN E/EO-TMD 40V 1.5A 40A 0	
		D717	0DD140009AA	DIODE,RECTIFIER, EK14 V(1) TP SANKEN E/EO-TMD 40V 1.5A 40A 0	
		D718	971-0054	WIRE,JUMP, TIN 50MM TAPING	
		D719	0DD245620AA	DIODE,RECTIFIER, 2NH45(LC6-20) BK TOSHIBA DO201AD 1000V 2A	
		D720	0DD245620AA	DIODE,RECTIFIER, 2NH45(LC6-20) BK TOSHIBA DO201AD 1000V 2A	
		D721	0DR400409AB	DIODE,RECTIFIER, UF4004 TP G.I DO204AL 400V 1A 30A 50NSEC 10	
		D722	0DR400409AB	DIODE,RECTIFIER, UF4004 TP G.I DO204AL 400V 1A 30A 50NSEC 10	
		D723	0DD100009DE	DIODE,RECTIFIER, RGP10G TP G.I DO204AL 400V 1A 30A 150NS 5UA	
		D724	0DR400409AB	DIODE,RECTIFIER, UF4004 TP G.I DO204AL 400V 1A 30A 50NSEC 10	
		D725	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D726	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	

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	or	D729	0DD100009DD	DIODE,RECTIFIER, RGP10D TP G.I DO204AL 200V 1A 30A 150NS 5U	
		D730	0DD400709CB	DIODE,RECTIFIER, UF4007 TP G.I DO204AL 1000V 1A 30A 75NS 10	
		D731	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D732	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D733	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D734	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D735	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D738	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D739	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D740	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D741	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D742	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D743	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D744	0DD400709CB	DIODE,RECTIFIER, UF4007 TP G.I DO204AL 1000V 1A 30A 75NS 10	
		D745	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D746	0DR400409AB	DIODE,RECTIFIER, UF4004 TP G.I DO204AL 400V 1A 30A 50NSEC 10	
		D751	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D752	0DD100009DA	DIODE,RECTIFIER, RGP10J TP G.I DO204AL 600V 1A 30A 250NS 5UA	
		D770	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D771	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D901	0DD606000AA	DIODE,BRIDGE, RBV606 BK SANKEN 600V 6A 150A 10UA	
		D901	0DD560000AA	DIODE,BRIDGE, D5SB60 BRIDGE(5A/600V)	
		D902	0DD400709CB	DIODE,RECTIFIER, UF4007 TP G.I DO204AL 1000V 1A 30A 75NS 10	
		D903	0DD400709CB	DIODE,RECTIFIER, UF4007 TP G.I DO204AL 1000V 1A 30A 75NS 10	
		D904	0DD100009DA	DIODE,RECTIFIER, RGP10J TP G.I DO204AL 600V 1A 30A 250NS 5UA	
		D905	0DR140059DA	DIODE,RECTIFIER, 1N4005TB52 TP LITEON DO41 600V 1A 40A ,SEC	
		D906	0DR240000CA	DIODE,RECTIFIER, RN2Z(LF-C4) BK SANKEN NON 200V 2A 70A 100NS	
		D907	0DR240000CA	DIODE,RECTIFIER, RN2Z(LF-C4) BK SANKEN NON 200V 2A 70A 100NS	
		D908	0DD200009AH	DIODE,RECTIFIER, RU2AMV(1) TP SANKEN R-TMD 600V 1.1A 20A 0.	
		D909	0DD200009AH	DIODE,RECTIFIER, RU2AMV(1) TP SANKEN R-TMD 600V 1.1A 20A 0.	
		D910	0DR260400AA	DIODE,RECTIFIER, S2L60-4004P15 BK SHINDENGON NON 600V 1.5A 5	
		D911	0DR260400AA	DIODE,RECTIFIER, S2L60-4004P15 BK SHINDENGON NON 600V 1.5A 5	
		D912	0DR210009AB	DIODE,RECTIFIER, RL2AV(1) TP SANKEN A-TMD 600V 1.1A 30A 50	
		D913	0DD200009AJ	DIODE,RECTIFIER, RL2Z V(1) TP SANKEN A-TMD 200V 2A 30A 50N	
		D914	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D915	0DD400509BB	DIODE,RECTIFIER, UF4005(52MM) TP G.I DO41 600V 1A 30A 75NS	
		D917	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D918	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D920	0DD100009DA	DIODE,RECTIFIER, RGP10J TP G.I DO204AL 600V 1A 30A 250NS 5UA	
		D921	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D922	0DR140059DA	DIODE,RECTIFIER, 1N4005TB52 TP LITEON DO41 600V 1A 40A ,SEC	
		D923	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		ZD401	0DZ560009CE	DIODE,ZENER, MTZJ5.6B TP ROHM-K DO34 500MW 5.6V 5MA 26M	
		ZD402	0DZ560009CE	DIODE,ZENER, MTZJ5.6B TP ROHM-K DO34 500MW 5.6V 5MA 26M	
		ZD403	0DZ560009CE	DIODE,ZENER, MTZJ5.6B TP ROHM-K DO34 500MW 5.6V 5MA 26M	
		ZD404	0DZ560009CE	DIODE,ZENER, MTZJ5.6B TP ROHM-K DO34 500MW 5.6V 5MA 26M	
		ZD405	0DZ560009CE	DIODE,ZENER, MTZJ5.6B TP ROHM-K DO34 500MW 5.6V 5MA 26M	
		ZD406	0DZ560009CE	DIODE,ZENER, MTZJ5.6B TP ROHM-K DO34 500MW 5.6V 5MA 26M	
		ZD407	0DZ560009CE	DIODE,ZENER, MTZJ5.6B TP ROHM-K DO34 500MW 5.6V 5MA 26M	
		ZD701	0DZ110009AD	DIODE,ZENER, MTZJ11B TP ROHM-K DO34 500MW 11V 5MA	
		ZD702	0DZ180009AG	DIODE,ZENER, MTZJ18B TP ROHM-K DO34 500MW 18V 5MA	
		ZD703	0DZ560009CE	DIODE,ZENER, MTZJ5.6B TP ROHM-K DO34 500MW 5.6V 5MA 26M	
		ZD704	0DZ750009AG	DIODE,ZENER, MTZJ7.5B TP ROHM-K DO34 0.5W 7.5V 5MA .PF	
		ZD707	0DZ820009AH	DIODE,ZENER, MTZJ8.2B TP ROHM-K DO34 500MW 8.2V 5MA	
		ZD708	0DZ180009AG	DIODE,ZENER, MTZJ18B TP ROHM-K DO34 500MW 18V 5MA	
		ZD802	0DZ560009CE	DIODE,ZENER, MTZJ5.6B TP ROHM-K DO34 500MW 5.6V 5MA 26M	
		ZD803	0DZ510009AB	DIODE,ZENER, MTZ5.1B TP ROHM-K DO34 500MW 5.1V 20MA	
		ZD804	0DZ910009AH	DIODE,ZENER, MTZJ9.1B TP ROHM-K DO34 500MW 9.1V 5MA	
		ZD901	0DZ150009AD	DIODE,ZENER, MTZJ15B TP ROHM-K DO34 500MW 15V 5MA	
		ZD903	0DZ680009BB	DIODE,ZENER, MTZJ6.8B TP ROHM-K DO34 0.5W 6.8V 5MAA .PF	
		ZD904	0DZ560009CE	DIODE,ZENER, MTZJ5.6B TP ROHM-K DO34 500MW 5.6V 5MA 26M	
		ZD905	0DZ110009AD	DIODE,ZENER, MTZJ11B TP ROHM-K DO34 500MW 11V 5MA	
ICs					
		IC401	0IZZTSZ073A	IC[HYBRID],DYNACOLOR, D16F78BP 40,DIP BK OTP MICOM FLASH 32K FG	
		IC402	0ISS240810B	IC,SAMSUNG ELECTRONICS, KS24C081C 8DIP ST 8K EEPROM IC	
		IC601	0ISG817200A	IC,SGS-THOMSON, TDA8172	

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		IC701	0IPH485600A	IC,PHILIPS, TDA4856 SDIP32 BK IIC DEFLECTION CONT. IC	
		IC702	0ISS358000C	IC,SAMSUNG ELECTRONICS, KA358 OP AMP	
		IC705	0ISS384300A	IC,SAMSUNG ELECTRONICS, KA3843B 8P SDIP BK PWM CONTROLLER	
		IC706	0ISS358000C	IC,SAMSUNG ELECTRONICS, KA358 OP AMP	
		IC708	0INS353000A	IC,NATIONAL SEMICONDUCTOR, LF353N OP-AMP	
		IC902	0ILI817000E	IC,LITEON, LTV-817M B 4P BK PHOTO COUPLER CTR(130-260)	
		IC905	0ISS780500F	IC,SAMSUNG ELECTRONICS, KA7805	
		IC910	0ISH608300A	IC,SHARP, PQ6RD083 4P BK 6.3V VOL. REGULATOR	
COILs & COREs					
		L701	150-235C	COIL,CHOKE, DR8*11 100UH 0.4MM 53.5T	
		L702	150-985N	COIL,CHOKE, DR10*10 4.7UH 0.16MM 322.5T FILTER CHOKE	
		L703	150-L05N	COIL,LINERITY, DR14*15 14*6T 5.6UH 0.12*30MM 17.5T	
		L704	150-985W	COIL,CHOKE, DR10*12 29.5UH 0.12MM 27.5T SWICHING CHOKE	
		L705	150-985P	COIL,CHOKE, DR12*15 6MH 0.25MM 365.5T H-CENTERING	
		L706	6140TBZ009C	COIL,CHOKE, NO CORE 10UH 0.12*15MM 50.5T FILTER CHOKE	
		L929	125-155F	CORE (CIRC),BEAD, BFD3580R2FG SAMWHA 3.5*8.0MM RADIAL	
		FB401	125-155K	CORE (CIRC),BEAD, BFS3550A0FG SAMWHA 3.5*5.0MM AXIAL52MM	
		FB402	125-155A	CORE (CIRC),BEAD, BFD3510R2FG SAMWHA 3.5*10MM RADIAL	
		FB701	125-155L	CORE (CIRC),BEAD, BFS3580A0FG SAMWHA 3.5*8.0MM AXIAL52MM	
		FB702	125-155L	CORE (CIRC),BEAD, BFS3580A0FG SAMWHA 3.5*8.0MM AXIAL52MM	
		FB703	125-155H	CORE (CIRC),BEAD, BFS3510A0FG SAMWHA 3.5*10MM AXIAL52MM	
		FB704	971-0054	WIRE,JUMP, TIN 50MM TAPING	
		FB705	125-155H	CORE (CIRC),BEAD, BFS3510A0FG SAMWHA 3.5*10MM AXIAL52MM	
TRANSISTORs					
		Q201	0TR127009AA	TRANSISTOR, KTA1270-Y(KTA562TM) TP KEC TO92 PNP	
		Q202	0TR127009AA	TRANSISTOR, KTA1270-Y(KTA562TM) TP KEC TO92 PNP	
		Q203	0TR127009AA	TRANSISTOR, KTA1270-Y(KTA562TM) TP KEC TO92 PNP	
		Q204	0TR127009AA	TRANSISTOR, KTA1270-Y(KTA562TM) TP KEC TO92 PNP	
		Q205	0TR320209AA	TRANSISTOR, KTC3202-Y(KTC1959) TP KEC TO92 NPN	
		Q206	0TR320209AA	TRANSISTOR, KTC3202-Y(KTC1959) TP KEC TO92 NPN	
		Q207	0TR390409CA	TRANSISTOR, 2N3904 TP SAMSUNG TO92 NPN	
		Q208	0TR390409CA	TRANSISTOR, 2N3904 TP SAMSUNG TO92 NPN	
		Q401	0TR390409CA	TRANSISTOR, 2N3904 TP SAMSUNG TO92 NPN	
		Q402	0TR127009AA	TRANSISTOR, KTA1270-Y(KTA562TM) TP KEC TO92 PNP	
		Q403	0TR319809AA	TRANSISTOR, KTC3198-Y(KTC1815) TP KEC TO92 NPN	
		Q404	0TR102009AB	TRANSISTOR, KRC102M,TP(KRC1202),KEC	
		Q406	0TR102009AB	TRANSISTOR, KRC102M,TP(KRC1202),KEC	
		Q407	0TR390409CA	TRANSISTOR, 2N3904 TP SAMSUNG TO92 NPN	
		Q408	0TR102009AB	TRANSISTOR, KRC102M,TP(KRC1202),KEC	
		Q409	0TR390409CA	TRANSISTOR, 2N3904 TP SAMSUNG TO92 NPN	
		Q410	0TR319809AA	TRANSISTOR, KTC3198-Y(KTC1815) TP KEC TO92 NPN	
		Q411	0TR319809AA	TRANSISTOR, KTC3198-Y(KTC1815) TP KEC TO92 NPN	
		Q701	0TR102009AB	TRANSISTOR, KRC102M,TP(KRC1202),KEC	
		Q702	0TR102009AB	TRANSISTOR, KRC102M,TP(KRC1202),KEC	
		Q703	0TR471009AA	TRANSISTOR, KSD471AC-Y TP SAMSUNG TO92 NPN	
		Q704	0TR564009AB	TRANSISTOR, KSB564AC-YTA TP SANSUNG TO92 PNP	
		Q705	0TR471009AA	TRANSISTOR, KSD471AC-Y TP SAMSUNG TO92 NPN	
		Q706	0TR564009AB	TRANSISTOR, KSB564AC-YTA TP SANSUNG TO92 PNP	
		Q707	0TR319809AA	TRANSISTOR, KTC3198-Y(KTC1815) TP KEC TO92 NPN	
		Q708	0TR558900BA	TRANSISTOR, 2SC5589(LG,W/M) BK TOSHIBA TO3P H-OUT TR 15	
		Q710	0TR102009AB	TRANSISTOR, KRC102M,TP(KRC1202),KEC	
		Q711	0TR200009AB	TRANSISTOR, KTC200-Y TP KEC TO92 NPN	
		Q712	0TR127009AA	TRANSISTOR, KTA1270-Y(KTA562TM) TP KEC TO92 PNP	
		Q713	0TR880000CA	TRANSISTOR, 2SD880-O BK TOSHIBA TO220AB NPN	
		Q715	0TR102009AB	TRANSISTOR, KRC102M,TP(KRC1202),KEC	
		Q716	0TR102009AB	TRANSISTOR, KRC102M,TP(KRC1202),KEC	
		Q717	0TR390409CA	TRANSISTOR, 2N3904 TP SAMSUNG TO92 NPN	
		Q718	0TF640000CA	FET, IRFS640A BK SAMSUNG 200V 9A TO220F	
		Q719	0TF640000CA	FET, IRFS640A BK SAMSUNG 200V 9A TO220F	
		Q720	0TF650000AA	FET, IRF650A BK SAMSUNG 200V 25A TO220	
		Q721	0TF640000CA	FET, IRFS640A BK SAMSUNG 200V 9A TO220F	
		Q722	0TR231009AA	TRANSISTOR, KSC2310-Y TP SAMSUNG TO92L NPN	
		Q723	0TR910009AA	TRANSISTOR, KSA910-YTA TP SAMSUNG TO92L PNP	
		Q724	0TR910009AA	TRANSISTOR, KSA910-YTA TP SAMSUNG TO92L PNP	

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*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		Q725	0TR319809AA	TRANSISTOR, KTC3198-Y(KTC1815) TP KEC TO92 NPN	
		Q726	0TR102009AB	TRANSISTOR, KRC102M,TP(KRC1202),KEC	
		Q727	0TR101309CC	TRANSISTOR, KSA1013-YTA TP SAMSUNG TO92L PNP	
		Q728	0TR319809AA	TRANSISTOR, KTC3198-Y(KTC1815) TP KEC TO92 NPN	
		Q729	0TR319809AA	TRANSISTOR, KTC3198-Y(KTC1815) TP KEC TO92 NPN	
		Q734	0TR320709AA	TRANSISTOR, KTC3207(KTC2482) TP KEC TO92L NPN	
		Q737	0TR127009AA	TRANSISTOR, KTA1270-Y(KTA562TM) TP KEC TO92 PNP	
		Q742	0TR390409CA	TRANSISTOR, 2N3904 TP SAMSUNG TO92 NPN	
		Q745	0TR390600CA	TRANSISTOR, 2N3906 TP SAMSUNG TO92 NPN	
		Q750	0TF283509AA	FET, 2SK2835(TP) TP TOSHIBA 200V 5A NON	
		Q901	0TR320709AA	TRANSISTOR, KTC3207(KTC2482) TP KEC TO92L NPN	
		Q902	0TR320709AA	TRANSISTOR, KTC3207(KTC2482) TP KEC TO92L NPN	
		Q904	0TR319809AB	TRANSISTOR, KTC3198-GR(KTC1815) TP KEC TO92 NPN	
		Q905	0TR231009AA	TRANSISTOR, KSC2310-Y TP SAMSUNG TO92L NPN	
		Q906	0TR127509AC	TRANSISTOR, KTA1275-Y(KTA1013) TP KEC TO92L PNP	
		Q907	0TR319809AA	TRANSISTOR, KTC3198-Y(KTC1815) TP KEC TO92 NPN	
		Q908	0TR319809AA	TRANSISTOR, KTC3198-Y(KTC1815) TP KEC TO92 NPN	
		Q909	0ISS431000A	IC,SAMSUNG ELECTRONICS, KA431AZ (LM431AZ)	
		Q911	0TR319809AA	TRANSISTOR, KTC3198-Y(KTC1815) TP KEC TO92 NPN	
		Q930	0TR319809AA	TRANSISTOR, KTC3198-Y(KTC1815) TP KEC TO92 NPN	
		Q931	0TR127509AC	TRANSISTOR, KTA1275-Y(KTA1013) TP KEC TO92L PNP	
RESISTORS					
		R201	0RD0102Q609	RESISTOR, FIXED CARBON FILM, 10 1/4W(3 5% TA52	
		R202	0RD0471A609	RESISTOR, FIXED CARBON FILM, 4.7 OHM 1/2 W (7.0) 5% TA52	
		R203	0RD0102Q609	RESISTOR, FIXED CARBON FILM, 10 1/4W(3 5% TA52	
		R204	0RD3301Q609	RESISTOR, FIXED CARBON FILM, 3.30K 1/4W(3 5% TA52	
		R205	0RD0471Q609	RESISTOR, FIXED CARBON FILM, 4.70 1/4W(3 5% TA52	
		R206	0RD3301Q609	RESISTOR, FIXED CARBON FILM, 3.30K 1/4W(3 5% TA52	
		R207	0RD4701Q609	RESISTOR, FIXED CARBON FILM, 4.70K 1/4W(3 5% TA52	
		R208	0RD1001Q609	RESISTOR, FIXED CARBON FILM, 1K 1/4W(3 5% TA52	
		R209	0RD0471A609	RESISTOR, FIXED CARBON FILM, 4.7 OHM 1/2 W (7.0) 5% TA52	
		R210	0RD0471A609	RESISTOR, FIXED CARBON FILM, 4.7 OHM 1/2 W (7.0) 5% TA52	
		R211	0RD4701Q609	RESISTOR, FIXED CARBON FILM, 4.70K 1/4W(3 5% TA52	
		R212	0RD1001Q609	RESISTOR, FIXED CARBON FILM, 1K 1/4W(3 5% TA52	
		R213	0RD0102Q609	RESISTOR, FIXED CARBON FILM, 10 1/4W(3 5% TA52	
		R214	0RD2001Q609	RESISTOR, FIXED CARBON FILM, 2K 1/4W(3 5% TA52	
		R215	0RD2001Q609	RESISTOR, FIXED CARBON FILM, 2K 1/4W(3 5% TA52	
		R401	0RD0102Q609	RESISTOR, FIXED CARBON FILM, 10 1/4W(3 5% TA52	
		R402	0RD4701Q609	RESISTOR, FIXED CARBON FILM, 4.70K 1/4W(3 5% TA52	
		R403	0RD4701Q609	RESISTOR, FIXED CARBON FILM, 4.70K 1/4W(3 5% TA52	
		R404	0RD4701Q609	RESISTOR, FIXED CARBON FILM, 4.70K 1/4W(3 5% TA52	
		R405	0RD4701Q609	RESISTOR, FIXED CARBON FILM, 4.70K 1/4W(3 5% TA52	
		R406	0RD4701Q609	RESISTOR, FIXED CARBON FILM, 4.70K 1/4W(3 5% TA52	
		R407	0RD0332Q609	RESISTOR, FIXED CARBON FILM, 33 1/4W(3 5% TA52	
		R408	0RD1001Q609	RESISTOR, FIXED CARBON FILM, 1K 1/4W(3 5% TA52	
		R409	0RD1001Q609	RESISTOR, FIXED CARBON FILM, 1K 1/4W(3 5% TA52	
		R412	0RD1002Q609	RESISTOR, FIXED CARBON FILM, 10K 1/4W(3 5% TA52	
		R413	0RD4700Q609	RESISTOR, FIXED CARBON FILM, 470 OHM 1/4 W (3.4) 5% TA52	
		R414	0RD4700Q609	RESISTOR, FIXED CARBON FILM, 470 OHM 1/4 W (3.4) 5% TA52	
		R415	0RD4700Q609	RESISTOR, FIXED CARBON FILM, 470 OHM 1/4 W (3.4) 5% TA52	
		R416	0RD4700Q609	RESISTOR, FIXED CARBON FILM, 470 OHM 1/4 W (3.4) 5% TA52	
		R417	0RD0472Q609	RESISTOR, FIXED CARBON FILM, 47 1/4W(3 5% TA52	
		R418	0RD4702Q609	RESISTOR, FIXED CARBON FILM, 47K 1/4W(3 5% TA52	
		R419	0RD4702Q609	RESISTOR, FIXED CARBON FILM, 47K 1/4W(3 5% TA52	
		R420	0RD4701Q609	RESISTOR, FIXED CARBON FILM, 4.70K 1/4W(3 5% TA52	
		R421	0RD4701Q609	RESISTOR, FIXED CARBON FILM, 4.70K 1/4W(3 5% TA52	
		R422	0RD1000Q609	RESISTOR, FIXED CARBON FILM, 100 1/4W(3 5% TA52	
		R423	0RD1000Q609	RESISTOR, FIXED CARBON FILM, 100 1/4W(3 5% TA52	
		R424	0RD1501Q609	RESISTOR, FIXED CARBON FILM, 1.50K 1/4W(3 5% TA52	
		R425	0RD0472Q609	RESISTOR, FIXED CARBON FILM, 47 1/4W(3 5% TA52	
		R426	0RD5601Q609	RESISTOR, FIXED CARBON FILM, 5.60K 1/4W(3 5% TA52	
		R427	0RD5601Q609	RESISTOR, FIXED CARBON FILM, 5.60K 1/4W(3 5% TA52	
		R428	0RD1000Q609	RESISTOR, FIXED CARBON FILM, 100 1/4W(3 5% TA52	
		R429	0RD1000Q609	RESISTOR, FIXED CARBON FILM, 100 1/4W(3 5% TA52	
		R430	0RD4700Q609	RESISTOR, FIXED CARBON FILM, 470 OHM 1/4 W (3.4) 5% TA52	

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*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		R431	ORD4702Q609	RESISTOR, FIXED CARBON FILM, 47K 1/4W(3 5% TA52	
		R432	ORD1002Q609	RESISTOR, FIXED CARBON FILM, 10K 1/4W(3 5% TA52	
		R433	ORD4701Q609	RESISTOR, FIXED CARBON FILM, 4.70K 1/4W(3 5% TA52	
		R434	ORD1002Q609	RESISTOR, FIXED CARBON FILM, 10K 1/4W(3 5% TA52	
		R435	ORD1002Q609	RESISTOR, FIXED CARBON FILM, 10K 1/4W(3 5% TA52	
		R436	ORD4701Q609	RESISTOR, FIXED CARBON FILM, 4.70K 1/4W(3 5% TA52	
		R437	ORD4701Q609	RESISTOR, FIXED CARBON FILM, 4.70K 1/4W(3 5% TA52	
		R438	ORD4702Q609	RESISTOR, FIXED CARBON FILM, 47K 1/4W(3 5% TA52	
		R439	ORD4701Q609	RESISTOR, FIXED CARBON FILM, 4.70K 1/4W(3 5% TA52	
		R440	ORD1002Q609	RESISTOR, FIXED CARBON FILM, 10K 1/4W(3 5% TA52	
		R441	ORD1002Q609	RESISTOR, FIXED CARBON FILM, 10K 1/4W(3 5% TA52	
		R442	ORD4701Q609	RESISTOR, FIXED CARBON FILM, 4.70K 1/4W(3 5% TA52	
		R443	ORD4701Q609	RESISTOR, FIXED CARBON FILM, 4.70K 1/4W(3 5% TA52	
		R444	ORD4701Q609	RESISTOR, FIXED CARBON FILM, 4.70K 1/4W(3 5% TA52	
		R445	ORD4701Q609	RESISTOR, FIXED CARBON FILM, 4.70K 1/4W(3 5% TA52	
		R446	ORD4701Q609	RESISTOR, FIXED CARBON FILM, 4.70K 1/4W(3 5% TA52	
		R447	ORD4701Q609	RESISTOR, FIXED CARBON FILM, 4.70K 1/4W(3 5% TA52	
		R448	ORD4701Q609	RESISTOR, FIXED CARBON FILM, 4.70K 1/4W(3 5% TA52	
		R449	ORD1001Q609	RESISTOR, FIXED CARBON FILM, 1K 1/4W(3 5% TA52	
		R450	ORD4701Q609	RESISTOR, FIXED CARBON FILM, 4.70K 1/4W(3 5% TA52	
		R451	ORD4700Q609	RESISTOR, FIXED CARBON FILM, 470 OHM 1/4 W (3.4) 5% TA52	
		R452	ORD4701Q609	RESISTOR, FIXED CARBON FILM, 4.70K 1/4W(3 5% TA52	
		R453	ORD1000Q609	RESISTOR, FIXED CARBON FILM, 100 1/4W(3 5% TA52	
		R470	ORD1801Q609	RESISTOR, FIXED CARBON FILM, 1.80K 1/4W(3 5% TA52	
		R471	ORD1801Q609	RESISTOR, FIXED CARBON FILM, 1.80K 1/4W(3 5% TA52	
		R472	ORD3900Q609	RESISTOR, FIXED CARBON FILM, 390 1/4W(3 5% TA52	
		R601	ORD0101A609	RESISTOR, FIXED CARBON FILM, 1 OHM 1/2 W (7.0) 5% TA52	
		R602	ORN1102F409	RESISTOR, FIXED METAL FILM, 11K 1/6W 1% TA52	
		R603	ORN0151H609	RESISTOR, FIXED METAL FILM, 1.5 1/2W 5 TA52	
		R604	ORN1202F409	RESISTOR, FIXED METAL FILM, 12K 1/6W 1% TA52	
		R605	ORN4701F409	RESISTOR, FIXED METAL FILM, 4.70K 1/6W 1% TA52	
		R606	ORN0910H609	RESISTOR, FIXED METAL FILM, 0.91 1/2W 5 TA52	
		R607	ORD4700A609	RESISTOR, FIXED CARBON FILM, 470 OHM 1/2 W (7.0) 5% TA52	
		R608	ORN3901F409	RESISTOR, FIXED METAL FILM, 3.90K 1/6W 1% TA52	
		R609	971-0054	WIRE, JUMP, TIN 50MM TAPING	
		R610	ORD3601Q609	RESISTOR, FIXED CARBON FILM, 3.60K 1/4W(3 5% TA52	
		R701	ORD6801Q609	RESISTOR, FIXED CARBON FILM, 6.80K 1/4W(3 5% TA52	
		R702	ORD1002Q609	RESISTOR, FIXED CARBON FILM, 10K 1/4W(3 5% TA52	
		R703	ORD4702Q509	RESISTOR, FIXED CARBON FILM, 47000OHM 1/4 W (3.4) 2% TA52	
		R704	ORN4702F409	RESISTOR, FIXED METAL FILM, 47K 1/6W 1% TA52	
		R705	ORD0471Q609	RESISTOR, FIXED CARBON FILM, 4.70 1/4W(3 5% TA52	
		R706	ORN1502F409	RESISTOR, FIXED METAL FILM, 15K 1/6W 1% TA52	
		R706-1	ORN5601F409	RESISTOR, FIXED METAL FILM, 5.60K 1/6W 1% TA52	
		R707	ORD0102Q609	RESISTOR, FIXED CARBON FILM, 10 1/4W(3 5% TA52	
		R708	ORD1001Q609	RESISTOR, FIXED CARBON FILM, 1K 1/4W(3 5% TA52	
		R709	ORD1001Q609	RESISTOR, FIXED CARBON FILM, 1K 1/4W(3 5% TA52	
		R710	ORD0102Q609	RESISTOR, FIXED CARBON FILM, 10 1/4W(3 5% TA52	
		R711	ORD0102Q609	RESISTOR, FIXED CARBON FILM, 10 1/4W(3 5% TA52	
		R712	ORD0222Q609	RESISTOR, FIXED CARBON FILM, 22 1/4W(3 5% TA52	
		R713	ORD0471Q609	RESISTOR, FIXED CARBON FILM, 4.70 1/4W(3 5% TA52	
		R714	ORD5601Q609	RESISTOR, FIXED CARBON FILM, 5.60K 1/4W(3 5% TA52	
		R715	ORD3301Q609	RESISTOR, FIXED CARBON FILM, 3.30K 1/4W(3 5% TA52	
		R716	ORD0102Q609	RESISTOR, FIXED CARBON FILM, 10 1/4W(3 5% TA52	
		R717	ORD4301Q609	RESISTOR, FIXED CARBON FILM, 4.30K 1/4W(3 5% TA52	
		R718	ORD0472Q609	RESISTOR, FIXED CARBON FILM, 47 1/4W(3 5% TA52	
		R719	ORD0472Q609	RESISTOR, FIXED CARBON FILM, 47 1/4W(3 5% TA52	
		R720	ORN2202F409	RESISTOR, FIXED METAL FILM, 22K 1/6W 1% TA52	
		R721	ORD3301Q609	RESISTOR, FIXED CARBON FILM, 3.30K 1/4W(3 5% TA52	
		R722	ORN6800F409	RESISTOR, FIXED METAL FILM, 680 1/6W 1% TA52	
		R723	ORN2701F409	RESISTOR, FIXED METAL FILM, 2.70K 1/6W 1% TA52	
		R725	ORD2001Q609	RESISTOR, FIXED CARBON FILM, 2K 1/4W(3 5% TA52	
		R726	ORD3001Q609	RESISTOR, FIXED CARBON FILM, 3K 1/4W(3 5% TA52	
		R727	ORD4700Q609	RESISTOR, FIXED CARBON FILM, 470 OHM 1/4 W (3.4) 5% TA52	
		R728	ORD1002Q609	RESISTOR, FIXED CARBON FILM, 10K 1/4W(3 5% TA52	
		R729	ORD1002Q609	RESISTOR, FIXED CARBON FILM, 10K 1/4W(3 5% TA52	
		R730	ORD1803Q609	RESISTOR, FIXED CARBON FILM, 180K 1/4W(3 5% TA52	

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		R731	ORD2001Q609	RESISTOR, FIXED CARBON FILM, 2K 1/4W(3 5% TA52	
		R732	ORD4700Q609	RESISTOR, FIXED CARBON FILM, 470 OHM 1/4 W (3.4) 5% TA52	
		R733	ORD1002Q609	RESISTOR, FIXED CARBON FILM, 10K 1/4W(3 5% TA52	
		R734	ORD5601Q609	RESISTOR, FIXED CARBON FILM, 5.60K 1/4W(3 5% TA52	
		R735	ORD1003Q609	RESISTOR, FIXED CARBON FILM, 100K 1/4W(3 5% TA52	
		R736	ORD3002Q609	RESISTOR, FIXED CARBON FILM, 30K 1/4W(3 5% TA52	
		R737	ORD4700Q609	RESISTOR, FIXED CARBON FILM, 470 OHM 1/4 W (3.4) 5% TA52	
		R738	ORD1003Q609	RESISTOR, FIXED CARBON FILM, 100K 1/4W(3 5% TA52	
		R739	ORD1003Q609	RESISTOR, FIXED CARBON FILM, 100K 1/4W(3 5% TA52	
		R740	ORD1000Q609	RESISTOR, FIXED CARBON FILM, 100 1/4W(3 5% TA52	
		R741	ORD5603Q609	RESISTOR, FIXED CARBON FILM, 560K 1/4W(3 5% TA52	
		R742	ORD2001Q609	RESISTOR, FIXED CARBON FILM, 2K 1/4W(3 5% TA52	
		R743	ORD3302Q609	RESISTOR, FIXED CARBON FILM, 33K 1/4W(3 5% TA52	
		R744	ORD1004Q609	RESISTOR, FIXED CARBON FILM, 1M OHM 1/4 W (3.4) 5% TA52	
		R745	ORD1004Q609	RESISTOR, FIXED CARBON FILM, 1M OHM 1/4 W (3.4) 5% TA52	
		R746	ORD1004Q609	RESISTOR, FIXED CARBON FILM, 1M OHM 1/4 W (3.4) 5% TA52	
		R747	ORD1004Q609	RESISTOR, FIXED CARBON FILM, 1M OHM 1/4 W (3.4) 5% TA52	
		R748	ORD4701Q609	RESISTOR, FIXED CARBON FILM, 4.70K 1/4W(3 5% TA52	
		R749	ORD4701Q609	RESISTOR, FIXED CARBON FILM, 4.70K 1/4W(3 5% TA52	
		R750	ORD4701Q609	RESISTOR, FIXED CARBON FILM, 4.70K 1/4W(3 5% TA52	
		R751	ORD4701Q609	RESISTOR, FIXED CARBON FILM, 4.70K 1/4W(3 5% TA52	
		R752	ORD6802Q609	RESISTOR, FIXED CARBON FILM, 68K 1/4W(3 5% TA52	
		R753	ORD5602Q609	RESISTOR, FIXED CARBON FILM, 56K 1/4W(3 5% TA52	
		R754	ORD4701Q609	RESISTOR, FIXED CARBON FILM, 4.70K 1/4W(3 5% TA52	
		R755	ORD5602Q609	RESISTOR, FIXED CARBON FILM, 56K 1/4W(3 5% TA52	
		R756	ORD2402Q609	RESISTOR, FIXED CARBON FILM, 24K 1/4W(3 5% TA52	
		R757	ORD1303Q609	RESISTOR, FIXED CARBON FILM, 130K 1/4W(3 5% TA52	
		R758	ORD1000Q609	RESISTOR, FIXED CARBON FILM, 100 1/4W(3 5% TA52	
		R759	ORD4702Q609	RESISTOR, FIXED CARBON FILM, 47K 1/4W(3 5% TA52	
		R760	ORD2701Q609	RESISTOR, FIXED CARBON FILM, 2.70K 1/4W(3 5% TA52	
		R761	ORD0471A609	RESISTOR, FIXED CARBON FILM, 4.7 OHM 1/2 W (7.0) 5% TA52	
		R762	ORX2200K607	RESISTOR, SMALL FIX METAL FILM OXIDE, 220 OHM 2 W 5% TA62	
		R763	ORD5601Q609	RESISTOR, FIXED CARBON FILM, 5.60K 1/4W(3 5% TA52	
		R764	ORX0201K607	RESISTOR, SMALL FIX METAL FILM OXIDE, 2.0 OHM 2 W 5% TA62	
		R765	ORX0201K607	RESISTOR, SMALL FIX METAL FILM OXIDE, 2.0 OHM 2 W 5% TA62	
		R766	ORD0332A609	RESISTOR, FIXED CARBON FILM, 33 OHM 1/2 W (7.0) 5% TA52	
		R767	ORD3000A609	RESISTOR, FIXED CARBON FILM, 300 OHM 1/2 W (7.0) 5% TA52	
		R768	ORX0472K607	RESISTOR, SMALL FIX METAL FILM OXIDE, 47 OHM 2 W 5% TA62	
		R769	ORD0471A609	RESISTOR, FIXED CARBON FILM, 4.7 OHM 1/2 W (7.0) 5% TA52	
		R770	ORX1800K607	RESISTOR, SMALL FIX METAL FILM OXIDE, 180 OHM 2 W 5% TA62	
		R771	ORD0472Q609	RESISTOR, FIXED CARBON FILM, 47 1/4W(3 5% TA52	
		R772	ORD1002Q609	RESISTOR, FIXED CARBON FILM, 10K 1/4W(3 5% TA52	
		R773	ORD1004Q609	RESISTOR, FIXED CARBON FILM, 1M OHM 1/4 W (3.4) 5% TA52	
		R774	ORMZTWD001D	RESISTOR, CEMENT, 68 OHM 7W +/-5% RWR PD-TYPE	
		R775	ORD3903Q609	RESISTOR, FIXED CARBON FILM, 390K 1/4W(3 5% TA52	
		R776	ORMZTSV001D	RESISTOR, CEMENT, 150 OHM 7 W 5% B RSR, V-TYPE	
		R778	ORMZTNV001A	RESISTOR, CEMENT, 3.3 OHM 5 W 5% B ,RWN, V-TYPE	
		R780	ORD1002Q609	RESISTOR, FIXED CARBON FILM, 10K 1/4W(3 5% TA52	
		R781	ORN3301F409	RESISTOR, FIXED METAL FILM, 3.30K 1/6W 1% TA52	
		R782	ORD1002Q609	RESISTOR, FIXED CARBON FILM, 10K 1/4W(3 5% TA52	
		R783	ORD6201Q609	RESISTOR, FIXED CARBON FILM, 6.20K 1/4W(3 5% TA52	
		R784	ORD1001Q609	RESISTOR, FIXED CARBON FILM, 1K 1/4W(3 5% TA52	
		R785	ORD1000Q609	RESISTOR, FIXED CARBON FILM, 100 1/4W(3 5% TA52	
		R786	ORX1001J609	RESISTOR, SMALL FIX METAL FILM OXIDE, 1K OHM 1 W 5% TA52	
△		R787	ORN2002F409	RESISTOR, FIXED METAL FILM, 20K 1/6W 1% TA52	
		R788	ORD1803A609	RESISTOR, FIXED CARBON FILM, 180K OHM 1/2 W (7.0) 5% TA52	
		R789	ORD3300Q609	RESISTOR, FIXED CARBON FILM, 330 1/4W(3 5% TA52	
△		R790	ORN1003F409	RESISTOR, FIXED METAL FILM, 100K 1/6W 1 TA52	
		R791	ORD5101Q609	RESISTOR, FIXED CARBON FILM, 5.10K 1/4W(3 5% TA52	
		R792	ORD4702Q609	RESISTOR, FIXED CARBON FILM, 47K 1/4W(3 5% TA52	
		R794	ORD0102Q609	RESISTOR, FIXED CARBON FILM, 10 1/4W(3 5% TA52	
		R795	ORD1500Q609	RESISTOR, FIXED CARBON FILM, 150 1/4W(3 5% TA52	
		R796	ORD2702Q609	RESISTOR, FIXED CARBON FILM, 27K 1/4W(3 5% TA52	
		R796-1	ORD5101Q609	RESISTOR, FIXED CARBON FILM, 5.10K 1/4W(3 5% TA52	
		R797	ORB0470K607	RESISTOR, FIX WIRE-WOUND PRECISION, 0.47 OHM 2 W 5% TA62	
		R798	ORN1802F409	RESISTOR, FIXED METAL FILM, 18K 1/6W 1% TA52	

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		R799	ORD1002Q609	RESISTOR, FIXED CARBON FILM, 10K 1/4W(3 5% TA52	
		R800	ORD5603A609	RESISTOR, FIXED CARBON FILM, 560K OHM 1/2 W (7.0) 5% TA52	
		R801	ORD2201Q609	RESISTOR, FIXED CARBON FILM, 2.20K 1/4W(3 5% TA52	
		R802	ORD5601Q609	RESISTOR, FIXED CARBON FILM, 5.60K 1/4W(3 5% TA52	
		R803	ORD2001Q609	RESISTOR, FIXED CARBON FILM, 2K 1/4W(3 5% TA52	
		R805	ORD2700Q609	RESISTOR, FIXED CARBON FILM, 270 1/4W(3 5% TA52	
		R806	ORD1001Q609	RESISTOR, FIXED CARBON FILM, 1K 1/4W(3 5% TA52	
		R807	ORD1001Q609	RESISTOR, FIXED CARBON FILM, 1K 1/4W(3 5% TA52	
		R809	ORN1002F409	RESISTOR, FIXED METAL FILM, 10K 1/6W 1 TA52	
△		R810	ORD1002Q609	RESISTOR, FIXED CARBON FILM, 10K 1/4W(3 5% TA52	
		R811	ORD1501Q609	RESISTOR, FIXED CARBON FILM, 1.50K 1/4W(3 5% TA52	
		R812	ORX1203K607	RESISTOR, SMALL FIX METAL FILM OXIDE, 120K OHM 2 W 5% TA62	
		R813	ORD3002Q609	RESISTOR, FIXED CARBON FILM, 30K 1/4W(3 5% TA52	
		R814	ORD7501Q609	RESISTOR, FIXED CARBON FILM, 7.50K 1/4W(3 5% TA52	
		R815	ORX0332K607	RESISTOR, SMALL FIX METAL FILM OXIDE, 33 OHM 2 W 5% TA62	
		R816	ORD7501H609	RESISTOR, FIXED CARBON FILM, 7.5K 1/2W 5 TA52	
		R817	ORX1203K607	RESISTOR, SMALL FIX METAL FILM OXIDE, 120K OHM 2 W 5% TA62	
		R818	ORX1203K607	RESISTOR, SMALL FIX METAL FILM OXIDE, 120K OHM 2 W 5% TA62	
		R823	ORD1802Q609	RESISTOR, FIXED CARBON FILM, 18K 1/4W(3 5% TA52	
		R824	971-0054	WIRE, JUMP, TIN 50MM TAPING	
△		R825	ORN1202F409	RESISTOR, FIXED METAL FILM, 12K 1/6W 1% TA52	
△		R826	ORN1302F409	RESISTOR, FIXED METAL FILM, 13K 1/6W 1% TA52	
		R827	ORD0102Q609	RESISTOR, FIXED CARBON FILM, 10 1/4W(3 5% TA52	
		R828	ORD0101Q609	RESISTOR, FIXED CARBON FILM, 1 1/4W(3 5% TA52	
		R829	ORN8201F409	RESISTOR, FIXED METAL FILM, 8.20K 1/6W 1% TA52	
		R830	ORD1004A609	RESISTOR, FIXED CARBON FILM, 1.0M OHM 1/2 W (7.0) 5% TA52	
		R831	ORD6800Q609	RESISTOR, FIXED CARBON FILM, 680 1/4W(3 5% TA52	
△		R833	ORD7501Q609	RESISTOR, FIXED CARBON FILM, 7.50K 1/4W(3 5% TA52	
		R836	ORD3300Q609	RESISTOR, FIXED CARBON FILM, 330 1/4W(3 5% TA52	
		R837	ORD1500Q609	RESISTOR, FIXED CARBON FILM, 150 1/4W(3 5% TA52	
		R838	ORD0101Q609	RESISTOR, FIXED CARBON FILM, 1 1/4W(3 5% TA52	
		R840	ORD0102Q609	RESISTOR, FIXED CARBON FILM, 10 1/4W(3 5% TA52	
		R841	ORD1002Q609	RESISTOR, FIXED CARBON FILM, 10K 1/4W(3 5% TA52	
		R842	ORD3601Q609	RESISTOR, FIXED CARBON FILM, 3.60K 1/4W(3 5% TA52	
		R843	ORD1004Q609	RESISTOR, FIXED CARBON FILM, 1M OHM 1/4 W (3.4) 5% TA52	
		R844	ORD1003Q609	RESISTOR, FIXED CARBON FILM, 100K 1/4W(3 5% TA52	
		R845	ORD4700Q609	RESISTOR, FIXED CARBON FILM, 470 OHM 1/4 W (3.4) 5% TA52	
		R855	ORD4701Q609	RESISTOR, FIXED CARBON FILM, 4.70K 1/4W(3 5% TA52	
		R870	ORD0682Q609	RESISTOR, FIXED CARBON FILM, 68 1/4W(3 5% TA52	
		R871	ORD7502Q609	RESISTOR, FIXED CARBON FILM, 75K 1/4W(3 5% TA52	
		R881	ORD0822Q609	RESISTOR, FIXED CARBON FILM, 82 1/4W(3 5% TA52	
		R882	ORD4702Q609	RESISTOR, FIXED CARBON FILM, 47K 1/4W(3 5% TA52	
		R884	ORD4702Q609	RESISTOR, FIXED CARBON FILM, 47K 1/4W(3 5% TA52	
		R885	ORD1001Q609	RESISTOR, FIXED CARBON FILM, 1K 1/4W(3 5% TA52	
		R886	ORD1001Q609	RESISTOR, FIXED CARBON FILM, 1K 1/4W(3 5% TA52	
		R887	ORX2200K607	RESISTOR, SMALL FIX METAL FILM OXIDE, 220 OHM 2 W 5% TA62	
		R901	180-465P	RESISTOR, CEMENT, 0.39 OHM 5W 5% B RWR	
		R903	ORX7502J609	RESISTOR, SMALL FIX METAL FILM OXIDE, 75K OHM 1 W 5% TA52	
		R904	ORD2000Q609	RESISTOR, FIXED CARBON FILM, 200 1/4W(3 5% TA52	
		R905	ORD1004Q609	RESISTOR, FIXED CARBON FILM, 1M OHM 1/4 W (3.4) 5% TA52	
		R906	ORB0100K607	RESISTOR, FIX WIRE-WOUND PRECISION, 0.1 OHM 2 W 5% TA62	
		R907	ORD0122Q609	RESISTOR, FIXED CARBON FILM, 12 1/4W(3 5% TA52	
		R908	ORD1303A609	RESISTOR, FIXED CARBON FILM, 130K OHM 1/2 W (7.0) 5% TA52	
		R909	ORD3302Q609	RESISTOR, FIXED CARBON FILM, 33K 1/4W(3 5% TA52	
△		R910	ORN1502F409	RESISTOR, FIXED METAL FILM, 15K 1/6W 1% TA52	
		R911	ORN1303H409	RESISTOR, FIXED METAL FILM, 130K OHM 1/2 W 1% TA52	
		R912	ORN5101F409	RESISTOR, FIXED METAL FILM, 5.10K 1/6W 1% TA52	
		R913	ORD1501Q609	RESISTOR, FIXED CARBON FILM, 1.50K 1/4W(3 5% TA52	
		R914	ORD1001Q609	RESISTOR, FIXED CARBON FILM, 1K 1/4W(3 5% TA52	
△		R915	ORN1801F409	RESISTOR, FIXED METAL FILM, 1.80K 1/6W 1% TA52	
		R916	ORD3901Q609	RESISTOR, FIXED CARBON FILM, 3.90K 1/4W(3 5% TA52	
		R917	ORD1002Q609	RESISTOR, FIXED CARBON FILM, 10K 1/4W(3 5% TA52	
		R918	ORD2002A609	RESISTOR, FIXED CARBON FILM, 20K OHM 1/2 W (7.0) 5% TA52	
		R919	ORD1004Q609	RESISTOR, FIXED CARBON FILM, 1M OHM 1/4 W (3.4) 5% TA52	
		R920	ORD1003Q609	RESISTOR, FIXED CARBON FILM, 100K 1/4W(3 5% TA52	
		R921	ORD1501Q609	RESISTOR, FIXED CARBON FILM, 1.50K 1/4W(3 5% TA52	

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*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		R922	ORD0101A609	RESISTOR, FIXED CARBON FILM, 1 OHM 1/2 W (7.0) 5% TA52	
		R923	ORD1003A609	RESISTOR, FIXED CARBON FILM, 100K OHM 1/2 W (7.0) 5% TA52	
		R924	ORD1003A609	RESISTOR, FIXED CARBON FILM, 100K OHM 1/2 W (7.0) 5% TA52	
		R925	ORD2700Q609	RESISTOR, FIXED CARBON FILM, 270 1/4W(3 5% TA52	
		R926	ORD0202Q609	RESISTOR, FIXED CARBON FILM, 20 1/4W(3 5% TA52	
		R927	ORD0472A609	RESISTOR, FIXED CARBON FILM, 47 OHM 1/2 W (7.0) 5% TA52	
		R928	ORD6202Q609	RESISTOR, FIXED CARBON FILM, 62K OHM 1/4 W (3.4) 5% TA52	
		R929	ORD6202Q609	RESISTOR, FIXED CARBON FILM, 62K OHM 1/4 W (3.4) 5% TA52	
		R930	ORD1002Q609	RESISTOR, FIXED CARBON FILM, 10K 1/4W(3 5% TA52	
		R931	0RX0102J609	RESISTOR, SMALL FIX METAL FILM OXIDE, 10 OHM 1 W 5% TA52	
		R932	ORD1003Q609	RESISTOR, FIXED CARBON FILM, 100K 1/4W(3 5% TA52	
		R933	0RX0391J609	RESISTOR, SMALL FIX METAL FILM OXIDE, 3.9 OHM 1 W 5% TA52	
		R934	ORD4701Q609	RESISTOR, FIXED CARBON FILM, 4.70K 1/4W(3 5% TA52	
		R935	ORD1000A609	RESISTOR, FIXED CARBON FILM, 100 OHM 1/2 W (7.0) 5% TA52	
		R936	ORD4701Q609	RESISTOR, FIXED CARBON FILM, 4.70K 1/4W(3 5% TA52	
		R937	ORD1002Q609	RESISTOR, FIXED CARBON FILM, 10K 1/4W(3 5% TA52	
		R938	ORD1100Q609	RESISTOR, FIXED CARBON FILM, 110 1/4W(3 5% TA52	
		R939	971-0054	WIRE, JUMP, TIN 50MM TAPING	
		R940	0RX0471K607	RESISTOR, SMALL FIX METAL FILM OXIDE, 4.7 OHM 2 W 5% TA62	
		R941	ORD1502A609	RESISTOR, FIXED CARBON FILM, 15K OHM 1/2 W (7.0) 5% TA52	
		R942	ORD1001Q609	RESISTOR, FIXED CARBON FILM, 1K 1/4W(3 5% TA52	
		R943	0RX6801L665	RESISTOR, SMALL FIX METAL FILM OXIDE, 6.8K OHM 3 W 5% SF	
		R944	0RX6801L665	RESISTOR, SMALL FIX METAL FILM OXIDE, 6.8K OHM 3 W 5% SF	
		R955	0RX2001J609	RESISTOR, SMALL FIX METAL FILM OXIDE, 2K OHM 1 W 5% TA52	
OTHERS					
		F901	131-040E	FUSE, TIME LAG, 5A 250V HBC UL/CSA TRIAD	
		RL701	141-014B	RELAY, DC, UT205-12SC YUYU 250VAC 5A 12V 30MA 400 OHM	
		RL901	141-027B	RELAY, DC, JW1FHN-DC12V/AJW4511 MATSUSHITA 250VACV 10A	
		SC901	6200TJB003B	FILTER(CIRC), EMI, BNS-02AA2LR-3 BAE EUN CB995C	
		SG701	165-004A	SPARK GAP, RADIAL, AG20PT 152F-L3N/S-23 HANDOK RADIAL BULK	
		SW701	140-079C	SWITCH, LEVER, SLS-1301 SW NON 30 0 HORIZONTAL 100	
△		T701	6174Z-1018F	FBT (FLY BACK TRANSFORMER), FMTC61-M1018F . (LIM SANG IL)	
		T702	151-515A	TRANSFORMER, HORIZONTAL DRIVER, EI 2519 4.5MH CF201	
		T703	6140TDZ004C	COIL, DUMMY, EER2834 1.5MH FB795C	
		T901	6170TMZ086A	TRANSFORMER, SMPS, EER4445S 120 UH V-18PIN FB795C SI/JS .	
		T902	151-414E	TRANSFORMER, PULSE, UU1116 8.8MH PLUSE	
		TH901	6322TB070AA	THERMISTOR, PTC, J503P63D070M290S JA HWA +/- 20% 220V -10/+8	
		TH902	6322TA080AB	THERMISTOR, NTC, TP8D15 DAEWOO +/- 15% 110/220V -20/+170 310	
		VR701	180-035N	VOLUME, EVN-DJAA03B14 (MEC), 10KB	
		VR901	180-035D	VOLUME, EVN-DJAA03B32 (MEC), 300B	
		WG1	387-T13C	CONNECTOR ASSY, R-T, 101518, L120	
		WG2	387-T13C	CONNECTOR ASSY, R-T, 101518, L120	
		X401	6202TB004E	CRYSTAL, HC-49/U KONY RADIAL 10MHZ 30PPM 32PF BK	
VIDEO BOARD					
CAPACITORS					
		C301	0CH6150K416	CAPACITOR, CHIP[CERAMIC LD-LESS TC], 15PF 50V J NP0 2012 R/TP	
		C302	181-288B	CAPACITOR, POLYESTER, MKT 100V 104JTR PHS26104	
		C305	0CE1076D618	CAPACITOR, AL.ELECTROLYTIC, 100M SMS 10V M FM5 TP(5)	
		C306	0CH3104K946	CAPACITOR, CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z F 2012 R/TP	
		C307	0CE1076D618	CAPACITOR, AL.ELECTROLYTIC, 100M SMS 10V M FM5 TP(5)	
		C308	0CE1076D618	CAPACITOR, AL.ELECTROLYTIC, 100M SMS 10V M FM5 TP(5)	
		C309	181-288B	CAPACITOR, POLYESTER, MKT 100V 104JTR PHS26104	
		C310	0CE3356K618	CAPACITOR, AL.ELECTROLYTIC, 3.3U SMS 50V M FM5 TP5	
		C311	0CE3356K618	CAPACITOR, AL.ELECTROLYTIC, 3.3U SMS 50V M FM5 TP5	
		C312	0CE3356K618	CAPACITOR, AL.ELECTROLYTIC, 3.3U SMS 50V M FM5 TP5	
		C313	0CE1076F618	CAPACITOR, AL.ELECTROLYTIC, 100UF SMS 16V M TP(5)	
		C314	0CH3103K516	CAPACITOR, CHIP[CERAMIC LD-LESS HD], 10000PF 50V K B 2012 R/TP	
		C315	0CH3103K516	CAPACITOR, CHIP[CERAMIC LD-LESS HD], 10000PF 50V K B 2012 R/TP	
		C316	0CH3103K516	CAPACITOR, CHIP[CERAMIC LD-LESS HD], 10000PF 50V K B 2012 R/TP	
		C317	0CE1076F618	CAPACITOR, AL.ELECTROLYTIC, 100UF SMS 16V M TP(5)	
		C318	181-288B	CAPACITOR, POLYESTER, MKT 100V 104JTR PHS26104	
		C319	0CH3104K946	CAPACITOR, CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z F 2012 R/TP	
		C320	0CH3104K946	CAPACITOR, CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z F 2012 R/TP	
		C321	0CH3104K946	CAPACITOR, CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z F 2012 R/TP	

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*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		C322	0CE477CF618	CAPACITOR,AL.ELECTROLYTIC, 470UF SHL 16V M FL TP5	
		C323	0CH3104K946	CAPACITOR,CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z F 2012 R/TP	
		C324	0CH3104K946	CAPACITOR,CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z F 2012 R/TP	
		C325	0CN1040K949	CAPACITOR,TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C326	181-288E	CAPACITOR,POLYESTER, MKT 100V 474JTR PHS 26474	
		C327	0CE226EN638	CAPACITOR,AL.ELECTROLYTIC, 22UF KMG 100V M FM5 TP 5	
		C328	181-288E	CAPACITOR,POLYESTER, MKT 100V 474JTR PHS 26474	
		C329	181-288E	CAPACITOR,POLYESTER, MKT 100V 474JTR PHS 26474	
		C330	181-288E	CAPACITOR,POLYESTER, MKT 100V 474JTR PHS 26474	
		C331	0CE226CP630	CAPACITOR,AL.ELECTROLYTIC, 22U SHL 160V M FM5	
		C332	0CK3320W515	CAPACITOR,CERAMIC (HIGH DIELECTRIC), 3300P 500V K B TS	
		C333	181-288E	CAPACITOR,POLYESTER, MKT 100V 474JTR PHS 26474	
		C334	0CE226N618	CAPACITOR,AL.ELECTROLYTIC, 22M SMS 100V M FM5 TP5	
		C335	0CE1076F618	CAPACITOR,AL.ELECTROLYTIC, 100UF SMS 16V M TP(5)	
		C336	0CH3104K946	CAPACITOR,CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z F 2012 R/TP	
		C337	0CE1056P618	CAPACITOR,AL.ELECTROLYTIC, 1U SMS 160V M FM5 TP5	
		C338	0CE1056P618	CAPACITOR,AL.ELECTROLYTIC, 1U SMS 160V M FM5 TP5	
		C339	0CE1056P618	CAPACITOR,AL.ELECTROLYTIC, 1U SMS 160V M FM5 TP5	
		C340	0CH3104K946	CAPACITOR,CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z F 2012 R/TP	
		C341	0CH3104K946	CAPACITOR,CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z F 2012 R/TP	
		C342	0CH3104K946	CAPACITOR,CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z F 2012 R/TP	
		C343	181-288E	CAPACITOR,POLYESTER, MKT 100V 474JTR PHS 26474	
		C344	0CH3104K946	CAPACITOR,CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z F 2012 R/TP	
		C345	0CK4710W515	CAPACITOR,CERAMIC (HIGH DIELECTRIC), 470P 500V K B TS	
		C346	0CC4700W405	CAPACITOR,CERAMIC (TEMP. COMPENSATE), 47PF 500V J SL TP	
		C347	0CK10301510	CAPACITOR,CERAMIC (HIGH DIELECTRIC), 0.01M 1KV K B S	
		C348	0CH3104K946	CAPACITOR,CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z F 2012 R/TP	
		C349	181-288B	CAPACITOR,POLYESTER, MKT 100V 104JTR PHS26104	
		C350	0CH3104K946	CAPACITOR,CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z F 2012 R/TP	
		C351	0CE4766F618	CAPACITOR,AL.ELECTROLYTIC, 47U SMS 16V M FM5 TP5	
		C352	0CE3356K618	CAPACITOR,AL.ELECTROLYTIC, 3.3U SMS 50V M FM5 TP5	
		C353	0CH3104K946	CAPACITOR,CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z F 2012 R/TP	
		C354	0CH3104K946	CAPACITOR,CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z F 2012 R/TP	
		C355	0CE1056P618	CAPACITOR,AL.ELECTROLYTIC, 1U SMS 160V M FM5 TP5	
		C356	0CN1040K949	CAPACITOR,TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C357	181-288B	CAPACITOR,POLYESTER, MKT 100V 104JTR PHS26104	
		C358	181-288B	CAPACITOR,POLYESTER, MKT 100V 104JTR PHS26104	
		C360	0CH3104K946	CAPACITOR,CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z F 2012 R/TP	
		C361	0CK3320W515	CAPACITOR,CERAMIC (HIGH DIELECTRIC), 3300P 500V K B TS	
		C362	0CH3104K946	CAPACITOR,CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z F 2012 R/TP	
		C363	0CE226EN638	CAPACITOR,AL.ELECTROLYTIC, 22UF KMG 100V M FM5 TP 5	
		C364	0CN1040K949	CAPACITOR,TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C365	0CH3104K946	CAPACITOR,CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z F 2012 R/TP	
		C366	181-288E	CAPACITOR,POLYESTER, MKT 100V 474JTR PHS 26474	
		C367	0CK10301510	CAPACITOR,CERAMIC (HIGH DIELECTRIC), 0.01M 1KV K B S	
		C368	0CE226N618	CAPACITOR,AL.ELECTROLYTIC, 22M SMS 100V M FM5 TP5	
		C370	0CH3104K946	CAPACITOR,CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z F 2012 R/TP	
		C371	0CE107BF638	CAPACITOR,AL.ELECTROLYTIC, 100UF KME 16V M FM5 TP5	
		C372	181-288E	CAPACITOR,POLYESTER, MKT 100V 474JTR PHS 26474	
		C373	0CH3104K946	CAPACITOR,CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z F 2012 R/TP	
		C374	0CK1040K945	CAPACITOR,CERAMIC (HIGH DIELECTRIC), 0.1UF 50V Z F TR	
		C375	0CH3104K946	CAPACITOR,CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z F 2012 R/TP	
		C376	0CK3320W515	CAPACITOR,CERAMIC (HIGH DIELECTRIC), 3300P 500V K B TS	
		C377	0CK3320W515	CAPACITOR,CERAMIC (HIGH DIELECTRIC), 3300P 500V K B TS	
		C378	0CK3320W515	CAPACITOR,CERAMIC (HIGH DIELECTRIC), 3300P 500V K B TS	
		C380	0CH3104K946	CAPACITOR,CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z F 2012 R/TP	
		C381	0CH3104K946	CAPACITOR,CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z F 2012 R/TP	
		C382	0CH3104K946	CAPACITOR,CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z F 2012 R/TP	
		C383	0CH3104K946	CAPACITOR,CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z F 2012 R/TP	
		C384	0CH3104K946	CAPACITOR,CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z F 2012 R/TP	
		C385	0CH6101K416	CAPACITOR,CHIP[CERAMIC LD-LESS TC], 100PF 50V J NP0 2012 R/TP	
		C386	0CH6101K416	CAPACITOR,CHIP[CERAMIC LD-LESS TC], 100PF 50V J NP0 2012 R/TP	
		C387	0CH6330K416	CAPACITOR,CHIP[CERAMIC LD-LESS TC], 33PF 50V J NP0 2012 R/TP	
		C388	0CH3472K516	CAPACITOR,CHIP[CERAMIC LD-LESS HD], 4700PF 50V K B 2012 R/TP	
		C389	0CH6330K416	CAPACITOR,CHIP[CERAMIC LD-LESS TC], 33PF 50V J NP0 2012 R/TP	
		C390	0CE226CK638	CAPACITOR,AL.ELECTROLYTIC, 22UF SHL,SD 50V M FM5 TP 5	

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*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		C395	0CE477CF618	CAPACITOR,AL.ELECTROLYTIC, 470UF SHL 16V M FL TP5	
DIODES					
		D301	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D302	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D303	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D304	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D305	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D306	0DS113309AA	DIODE,SWITCHING, 1SS133 TP ROHM KOREA DO34 90V 0.4A 0.6A 4.0	
		D307	0DS124409AA	DIODE,SWITCHING, 1SS244 TP ROHM KOREA	
		D308	0DS124409AA	DIODE,SWITCHING, 1SS244 TP ROHM KOREA	
		D309	0DS124409AA	DIODE,SWITCHING, 1SS244 TP ROHM KOREA	
		D310	0DS124409AA	DIODE,SWITCHING, 1SS244 TP ROHM KOREA	
		D311	0DS124409AA	DIODE,SWITCHING, 1SS244 TP ROHM KOREA	
		D312	0DS124409AA	DIODE,SWITCHING, 1SS244 TP ROHM KOREA	
		D313	0DS124409AA	DIODE,SWITCHING, 1SS244 TP ROHM KOREA	
		D314	0DS124409AA	DIODE,SWITCHING, 1SS244 TP ROHM KOREA	
		D315	0DS124409AA	DIODE,SWITCHING, 1SS244 TP ROHM KOREA	
		D318	971-0054	WIRE,JUMP, TIN 50MM TAPING	
		D319	971-0054	WIRE,JUMP, TIN 50MM TAPING	
		ZD301	0DZ560009CE	DIODE,ZENER, MTZJ5.6B TP ROHM-K DO34 500MW 5.6V 5MA 26M	
ICs					
		IC301	0IMO456520A	IC,MOTOROLA, LSC4565P2 24,DIP BK OSD IC	
		IC302	0IMI527430B	IC,MITSUBISHI, M52743BSP 36P,SDIP BK 3CH VIDEO PREAMP	
COILs & COREs					
		L301	0LA0270K119	INDUCTOR,AXIAL LEAD, 0.27UH K 2.3*3.4 TP	
		L302	0LA0270K119	INDUCTOR,AXIAL LEAD, 0.27UH K 2.3*3.4 TP	
		L303	0LA0270K119	INDUCTOR,AXIAL LEAD, 0.27UH K 2.3*3.4 TP	
		L304	0LA1000K119	INDUCTOR,AXIAL LEAD, 100UH K 2.3*3.4 TP	
		L305	0LA0562K119	INDUCTOR,AXIAL LEAD, 56UH K 2.3*3.4 TP	
		L306	6200TEZ001B	FILTER(CIRC),CAPACITOR, ZJSC-R15-180(TA)TDK	
		L307	6200TEZ001B	FILTER(CIRC),CAPACITOR, ZJSC-R15-180(TA)TDK	
		L308	6200TEZ001B	FILTER(CIRC),CAPACITOR, ZJSC-R15-180(TA)TDK	
		FB301	125-155F	CORE (CIRC),BEAD, BFD3580R2FG SAMWHA 3.5*8.0MM RADIAL	
		FB302	125-155J	CORE (CIRC),BEAD, BFS2550A0FG SAMWHA 2.5*5.0MM AXIAL52MM	
		FB303	125-155F	CORE (CIRC),BEAD, BFD3580R2FG SAMWHA 3.5*8.0MM RADIAL	
		FB304	125-155J	CORE (CIRC),BEAD, BFS2550A0FG SAMWHA 2.5*5.0MM AXIAL52MM	
		FB305	125-155J	CORE (CIRC),BEAD, BFS2550A0FG SAMWHA 2.5*5.0MM AXIAL52MM	
		FB306	125-155J	CORE (CIRC),BEAD, BFS2550A0FG SAMWHA 2.5*5.0MM AXIAL52MM	
		FB307	125-155J	CORE (CIRC),BEAD, BFS2550A0FG SAMWHA 2.5*5.0MM AXIAL52MM	
		FB309	125-155A	CORE (CIRC),BEAD, BFD3510R2FG SAMWHA 3.5*10MM RADIAL	
		FB311	125-155J	CORE (CIRC),BEAD, BFS2550A0FG SAMWHA 2.5*5.0MM AXIAL52MM	
		FB312	125-155A	CORE (CIRC),BEAD, BFD3510R2FG SAMWHA 3.5*10MM RADIAL	
		FB313	6210TCE001L	CORE (CIRC),BEAD, HB-1T2012-102JT CERATECH 2012MM R/TP	
		FB314	6210TCE001L	CORE (CIRC),BEAD, HB-1T2012-102JT CERATECH 2012MM R/TP	
		FB315	6210TCE001L	CORE (CIRC),BEAD, HB-1T2012-102JT CERATECH 2012MM R/TP	
		FB318	125-155J	CORE (CIRC),BEAD, BFS2550A0FG SAMWHA 2.5*5.0MM AXIAL52MM	
		FB319	125-155L	CORE (CIRC),BEAD, BFS3580A0FG SAMWHA 3.5*8.0MM AXIAL52MM	
		FB320	125-155J	CORE (CIRC),BEAD, BFS2550A0FG SAMWHA 2.5*5.0MM AXIAL52MM	
		FB321	125-155J	CORE (CIRC),BEAD, BFS2550A0FG SAMWHA 2.5*5.0MM AXIAL52MM	
		FB322	6210TCE001L	CORE (CIRC),BEAD, HB-1T2012-102JT CERATECH 2012MM R/TP	
		FB323	6210TCE001L	CORE (CIRC),BEAD, HB-1T2012-102JT CERATECH 2012MM R/TP	
		FB326	125-155F	CORE (CIRC),BEAD, BFD3580R2FG SAMWHA 3.5*8.0MM RADIAL	
TRANSISTORs					
		Q301	0TR390409CA	TRANSISTOR, 2N3904 TP SAMSUNG TO92 NPN	
		Q303	0TR920009AB	TRANSISTOR, KSP92 TP SAMSUNG TO92 HIGH VOLTAGE TR	
		Q304	0TR920009AB	TRANSISTOR, KSP92 TP SAMSUNG TO92 HIGH VOLTAGE TR	
		Q305	0TR920009AB	TRANSISTOR, KSP92 TP SAMSUNG TO92 HIGH VOLTAGE TR	
		Q306	0TR420009CA	TRANSISTOR, KSP42TA TP SAMSUNG TO92 HIGH VOLTAGE TR	
		Q307	0TR420009CA	TRANSISTOR, KSP42TA TP SAMSUNG TO92 HIGH VOLTAGE TR	
		Q308	0TR420009CA	TRANSISTOR, KSP42TA TP SAMSUNG TO92 HIGH VOLTAGE TR	
		Q309	0TR320209AA	TRANSISTOR, KTC3202-Y(KTC1959) TP KEC TO92 NPN	
		Q312	0TR127009AA	TRANSISTOR, KTA1270-Y(KTA562TM) TP KEC TO92 PNP	

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*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		Q313 Q315 R304	OTR127009AA OTR127009AA 971-0054	TRANSISTOR, KTA1270-Y(KTA562TM) TP KEC TO92 PNP TRANSISTOR, KTA1270-Y(KTA562TM) TP KEC TO92 PNP WIRE,JUMP, TIN 50MM TAPING	
RESISTORS					
		R305	0RH2001D622	RESISTOR,CHIP, 2.0K 1/10W 5 D.R/TP	
		R306	0RH3301D622	RESISTOR,CHIP, 3.3K 1/10W 5 D.R/TP	
		R307	0RH1002D622	RESISTOR,CHIP, 10K 1/10W 5 D.R/TP	
		R308	0RH0201D622	RESISTOR,CHIP, 2.0 1/10W 5 TA	
		R310	0RD1000Q609	RESISTOR,FIXED CARBON FILM, 100 1/4W(3 5% TA52	
		R311	0RD1000Q609	RESISTOR,FIXED CARBON FILM, 100 1/4W(3 5% TA52	
		R312	0RH1000D622	RESISTOR,CHIP, 100 1/10W 5 D.R/TP	
		R313	0RH1001D622	RESISTOR,CHIP, 1.0K 1/10W 5 D.R/TP	
		R314	0RD1001Q609	RESISTOR,FIXED CARBON FILM, 1K 1/4W(3 5% TA52	
		R315	0RD1000Q609	RESISTOR,FIXED CARBON FILM, 100 1/4W(3 5% TA52	
		R316	0RH3300D622	RESISTOR,CHIP, 330 1/10W 5 D.R/TP	
		R317	0RH3300D622	RESISTOR,CHIP, 330 1/10W 5 D.R/TP	
		R318	0RH3300D622	RESISTOR,CHIP, 330 1/10W 5 D.R/TP	
		R319	0RD1000Q609	RESISTOR,FIXED CARBON FILM, 100 1/4W(3 5% TA52	
		R320	0RD0102Q609	RESISTOR,FIXED CARBON FILM, 10 1/4W(3 5% TA52	
		R321	0RN1502F409	RESISTOR,FIXED METAL FILM, 15K 1/6W 1% TA52	
		R322	0RN1501F409	RESISTOR,FIXED METAL FILM, 1.5K 1/6W 1 TA52	
		R323	0RH1801D622	RESISTOR,CHIP, 1.8K 1/10W 5 D.R/TP	
		R324	0RD1000Q609	RESISTOR,FIXED CARBON FILM, 100 1/4W(3 5% TA52	
		R325	0RD1000Q609	RESISTOR,FIXED CARBON FILM, 100 1/4W(3 5% TA52	
		R326	0RD1000Q609	RESISTOR,FIXED CARBON FILM, 100 1/4W(3 5% TA52	
		R328	0RH1801D622	RESISTOR,CHIP, 1.8K 1/10W 5 D.R/TP	
		R329	0RH1801D622	RESISTOR,CHIP, 1.8K 1/10W 5 D.R/TP	
		R332	0RD0102Q609	RESISTOR,FIXED CARBON FILM, 10 1/4W(3 5% TA52	
		R333	0RD0102Q609	RESISTOR,FIXED CARBON FILM, 10 1/4W(3 5% TA52	
		R334	0RD0102Q609	RESISTOR,FIXED CARBON FILM, 10 1/4W(3 5% TA52	
		R335	0RD1200Q609	RESISTOR,FIXED CARBON FILM, 120 1/4W(3 5% TA52	
		R336	0RD1100Q609	RESISTOR,FIXED CARBON FILM, 110 1/4W(3 5% TA52	
		R337	0RD1100Q609	RESISTOR,FIXED CARBON FILM, 110 1/4W(3 5% TA52	
		R338	0RX0332K665	RESISTOR,SMALL FIX METAL FILM OXIDE, 33 OHM 2 W 5% SF	
		R339	0RD0332A609	RESISTOR,FIXED CARBON FILM, 33 OHM 1/2 W (7.0) 5% TA52	
		R340	0RD0332A609	RESISTOR,FIXED CARBON FILM, 33 OHM 1/2 W (7.0) 5% TA52	
		R341	0RD1004Q609	RESISTOR,FIXED CARBON FILM, 1M OHM 1/4 W (3.4) 5% TA52	
		R342	0RD1003Q609	RESISTOR,FIXED CARBON FILM, 100K 1/4W(3 5% TA52	
		R343	0RD1004Q609	RESISTOR,FIXED CARBON FILM, 1M OHM 1/4 W (3.4) 5% TA52	
		R344	0RH5602D622	RESISTOR,CHIP, 56K 1/10W 5 D.R/TP	
		R345	0RH5602D622	RESISTOR,CHIP, 56K 1/10W 5 D.R/TP	
		R346	0RH5602D622	RESISTOR,CHIP, 56K 1/10W 5 D.R/TP	
		R347	0RH2402D622	RESISTOR,CHIP, 24K 1/10W 5 TA	
		R348	0RD2402Q609	RESISTOR,FIXED CARBON FILM, 24K 1/4W(3 5% TA52	
		R349	0RD2402Q609	RESISTOR,FIXED CARBON FILM, 24K 1/4W(3 5% TA52	
		R350	0RD1000Q609	RESISTOR,FIXED CARBON FILM, 100 1/4W(3 5% TA52	
		R351	0RD1000Q609	RESISTOR,FIXED CARBON FILM, 100 1/4W(3 5% TA52	
		R352	0RD1000Q609	RESISTOR,FIXED CARBON FILM, 100 1/4W(3 5% TA52	
		R354	0RD0222A609	RESISTOR,FIXED CARBON FILM, 22 OHM 1/2 W (7.0) 5% TA52	
		R355	0RD8201Q609	RESISTOR,FIXED CARBON FILM, 8.20K 1/4W(3 5% TA52	
		R356	0RH3300D622	RESISTOR,CHIP, 330 1/10W 5 D.R/TP	
		R358	0RD0472Q609	RESISTOR,FIXED CARBON FILM, 47 1/4W(3 5% TA52	
		R360	0RH1001D622	RESISTOR,CHIP, 1.0K 1/10W 5 D.R/TP	
		R362	971-0054	WIRE,JUMP, TIN 50MM TAPING	
		R365	0RD4700Q609	RESISTOR,FIXED CARBON FILM, 470 OHM 1/4 W (3.4) 5% TA52	
		R367	0RH3301D622	RESISTOR,CHIP, 3.3K 1/10W 5 D.R/TP	
		R370	0RD4701Q609	RESISTOR,FIXED CARBON FILM, 4.70K 1/4W(3 5% TA52	
		R371	0RH4702D622	RESISTOR,CHIP, 47K 1/10W 5 D.R/TP	
		R372	0RH4702D622	RESISTOR,CHIP, 47K 1/10W 5 D.R/TP	
		R373	0RH4702D622	RESISTOR,CHIP, 47K 1/10W 5 D.R/TP	
		R374	0RH2401D622	RESISTOR,CHIP, 2.4K 1/10W 5 TA	
		R375	0RH2401D622	RESISTOR,CHIP, 2.4K 1/10W 5 TA	
		R376	0RH2401D622	RESISTOR,CHIP, 2.4K 1/10W 5 TA	
		R379	0RH0752D622	RESISTOR,CHIP, 75 1/10W 5 D.R/TP	
		R380	0RH0752D622	RESISTOR,CHIP, 75 1/10W 5 D.R/TP	

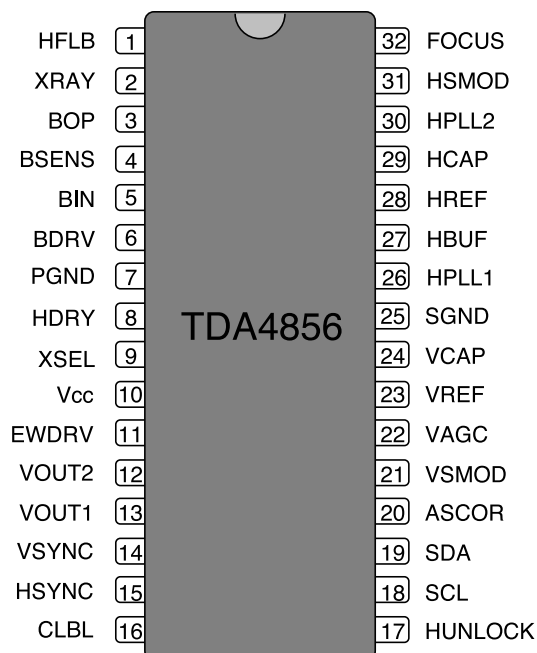
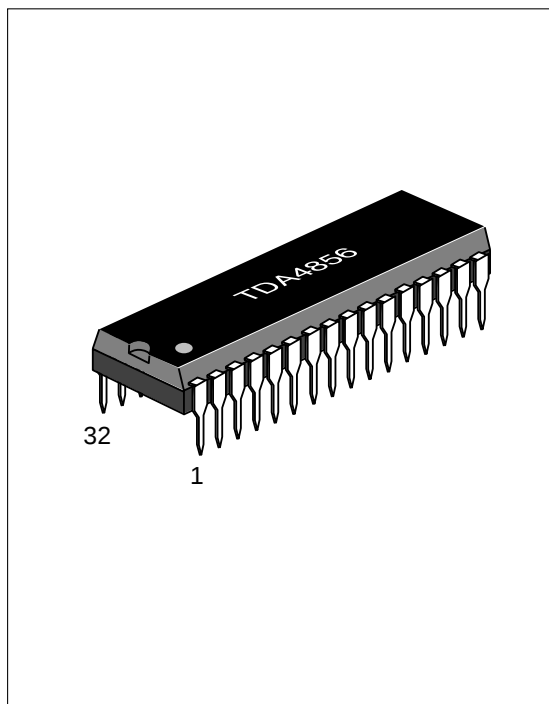
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*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		R381	ORD0752Q609	RESISTOR, FIXED CARBON FILM, 75 1/4W(3 5% TA52	
		R383	0RH0752D622	RESISTOR, CHIP, 75 1/10W 5 D.R/TP	
		R384	0RH0752D622	RESISTOR, CHIP, 75 1/10W 5 D.R/TP	
		R385	0RH0752D622	RESISTOR, CHIP, 75 1/10W 5 D.R/TP	
		R386	0RH1203D622	RESISTOR, CHIP, 120K OHM 1 / 10 W 5% D R/TP	
		R387	ORD1500Q609	RESISTOR, FIXED CARBON FILM, 150 1/4W(3 5% TA52	
		R390	ORD4701Q609	RESISTOR, FIXED CARBON FILM, 4.70K 1/4W(3 5% TA52	
		R391	0RH5601D622	RESISTOR, CHIP, 5.6K 1/10W 5 D.R/TP	
		R392	0RH2003D622	RESISTOR, CHIP, 200K 1/10W 5 TA	
		R393	0RH2001D622	RESISTOR, CHIP, 2.0K 1/10W 5 D.R/TP	
		R394	0RH1001D622	RESISTOR, CHIP, 1.0K 1/10W 5 D.R/TP	
		R395	0RN0910H609	RESISTOR, FIXED METAL FILM, 0.91 1/2W 5 TA52	
		R398	0RX1502J609	RESISTOR, SMALL FIX METAL FILM OXIDE, 15KOHM 1 W 5% TA52	
		R399	0RH4700D622	RESISTOR, CHIP, 470 1/10W 5 D.R/TP	
OTHERS					
		SC301	6620TBD003A	SOCKET (CIRC), CPT, PCS701E PARK ELEC. 10PIN 14/360 STRAIGHT	
		SG301	6918TAT005E	SPARK GAP, AXIAL, MTAS-201M GIGA AXIAL TAPING	
		SG302	6918TAT005E	SPARK GAP, AXIAL, MTAS-201M GIGA AXIAL TAPING	
		SG303	6918TAT005E	SPARK GAP, AXIAL, MTAS-201M GIGA AXIAL TAPING	
		SG304	6918TAT005E	SPARK GAP, AXIAL, MTAS-201M GIGA AXIAL TAPING	
		SG305	165-004A	SPARK GAP, RADIAL, AG20PT 152F-L3N/S-23 HANDOK RADIAL BULK	
CONTROL BOARD					
		C101	0CH6050K116	CAPACITOR, CHIP[CERAMIC LD-LESS TC], 5PF 50V D NP0 2012 R/TP	
		C102	0CH6080K116	CAPACITOR, CHIP[CERAMIC LD-LESS TC], 8PF 50V D NP0 2012 R/TP	
		C104	0CH6080K116	CAPACITOR, CHIP[CERAMIC LD-LESS TC], 8PF 50V D NP0 2012 R/TP	
		C105	0CH6050K116	CAPACITOR, CHIP[CERAMIC LD-LESS TC], 5PF 50V D NP0 2012 R/TP	
		C106	0CH6100K116	CAPACITOR, CHIP[CERAMIC LD-LESS TC], 10PF 50V D NP0 2012 R/TP	
		C107	0CH3104K946	CAPACITOR, CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z F 2012 R/TP	
		C108	0CH3104K946	CAPACITOR, CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z F 2012 R/TP	
		C109	0CH3104K946	CAPACITOR, CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z F 2012 R/TP	
		C120	0CH3104K946	CAPACITOR, CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z F 2012 R/TP	
		C122	0CH3104K946	CAPACITOR, CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z F 2012 R/TP	
		C130	0CH3104K946	CAPACITOR, CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z F 2012 R/TP	
		C131	0CH3103K516	CAPACITOR, CHIP[CERAMIC LD-LESS HD], 10000PF 50V K B 2012 R/TP	
		C132	0CE2264F638	CAPACITOR, AL.ELECTROLYTIC, 22UF SRA, SS 16V M FM5 TP 5	
		C137	0CH3103K516	CAPACITOR, CHIP[CERAMIC LD-LESS HD], 10000PF 50V K B 2012 R/TP	
		C152	0CH6030K116	CAPACITOR, CHIP[CERAMIC LD-LESS TC], 3PF 50V D NP0 2012 R/TP	
		D102	0DS226009AA	DIODE, SWITCHING, KDS226 TP KEC SOT-23 80V 300MA 2A 4NS 0.5U	
		D106	0DS226009AA	DIODE, SWITCHING, KDS226 TP KEC SOT-23 80V 300MA 2A 4NS 0.5U	
		D108	0DS226009AA	DIODE, SWITCHING, KDS226 TP KEC SOT-23 80V 300MA 2A 4NS 0.5U	
		D110	0DS226009AA	DIODE, SWITCHING, KDS226 TP KEC SOT-23 80V 300MA 2A 4NS 0.5U	
		D112	0DS226009AA	DIODE, SWITCHING, KDS226 TP KEC SOT-23 80V 300MA 2A 4NS 0.5U	
		D120	0DS226009AA	DIODE, SWITCHING, KDS226 TP KEC SOT-23 80V 300MA 2A 4NS 0.5U	
		D133	0DL305029BA	LED, LTL-305DJ-0C2 TP LITEON GREEN/YELLOW 19/12.	
		ZD104	0DZ560009DA	DIODE, ZENER, UDZ S 5.6B TP ROHM-K SOD323 200MW 5.6V 5MA	
		ZD120	0DZ560009DA	DIODE, ZENER, UDZ S 5.6B TP ROHM-K SOD323 200MW 5.6V 5MA	
		ZD121	0DZ560009DA	DIODE, ZENER, UDZ S 5.6B TP ROHM-K SOD323 200MW 5.6V 5MA	
		ZD122	0DZ560009DA	DIODE, ZENER, UDZ S 5.6B TP ROHM-K SOD323 200MW 5.6V 5MA	
		ZD123	0DZ560009DA	DIODE, ZENER, UDZ S 5.6B TP ROHM-K SOD323 200MW 5.6V 5MA	
		ZD124	0DZ560009DA	DIODE, ZENER, UDZ S 5.6B TP ROHM-K SOD323 200MW 5.6V 5MA	
		ZD139	0DZ560009DA	DIODE, ZENER, UDZ S 5.6B TP ROHM-K SOD323 200MW 5.6V 5MA	
		ZD151	0DZ560009DA	DIODE, ZENER, UDZ S 5.6B TP ROHM-K SOD323 200MW 5.6V 5MA	
		IC101	0IPH401300A	IC, PHILIPS, HEF4013BP 14P DIP BK FLIP FLOP	
		IC102	0IPH401300A	IC, PHILIPS, HEF4013BP 14P DIP BK FLIP FLOP	
		IC103	0IPH401300A	IC, PHILIPS, HEF4013BP 14P DIP BK FLIP FLOP	
		Q101	0TR102009AJ	TRANSISTOR, KRC102S NPN SOT-23 TP KEC	
		Q102	0TR102009AJ	TRANSISTOR, KRC102S NPN SOT-23 TP KEC	
		Q103	0TR390409AE	TRANSISTOR, KST3904-MTF TP SAMSUNG SOT23 GEN. PURPOSE T	
		Q104	0TR390409AE	TRANSISTOR, KST3904-MTF TP SAMSUNG SOT23 GEN. PURPOSE T	
		Q105	0TR390409AE	TRANSISTOR, KST3904-MTF TP SAMSUNG SOT23 GEN. PURPOSE T	
		Q106	0TR390409AE	TRANSISTOR, KST3904-MTF TP SAMSUNG SOT23 GEN. PURPOSE T	
		Q107	0TR390409AE	TRANSISTOR, KST3904-MTF TP SAMSUNG SOT23 GEN. PURPOSE T	
		Q108	0TR390409AE	TRANSISTOR, KST3904-MTF TP SAMSUNG SOT23 GEN. PURPOSE T	
		Q109	0TR102009AJ	TRANSISTOR, KRC102S NPN SOT-23 TP KEC	

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*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		Q110	0TR102009AJ	TRANSISTOR, KRC102S NPN SOT-23 TP KEC	
		Q111	0TR102009AJ	TRANSISTOR, KRC102S NPN SOT-23 TP KEC	
		Q130	0TR390409AE	TRANSISTOR, KST3904-MTF TP SAMSUNG SOT23 GEN. PURPOSE T	
		Q131	0TR390409AE	TRANSISTOR, KST3904-MTF TP SAMSUNG SOT23 GEN. PURPOSE T	
		Q132	0TR390409AE	TRANSISTOR, KST3904-MTF TP SAMSUNG SOT23 GEN. PURPOSE T	
		Q133	0TR102009AJ	TRANSISTOR, KRC102S NPN SOT-23 TP KEC	
		R101	0RH4700D622	RESISTOR,CHIP, 470 1/10W 5 D.R/TP	
		R102	0RH1001D622	RESISTOR,CHIP, 1.0K 1/10W 5 D.R/TP	
		R103	0RH2200D622	RESISTOR,CHIP, 220 1/10W 5 D.R/TP	
		R104	0RH2200D622	RESISTOR,CHIP, 220 1/10W 5 D.R/TP	
		R105	0RH1002D622	RESISTOR,CHIP, 10K 1/10W 5 D.R/TP	
		R106	0RH2202D622	RESISTOR,CHIP, 22K 1/10W 5 D.R/TP	
		R107	0RH6801D622	RESISTOR,CHIP, 6.8K 1/10W 5 D.R/TP	
		R108	0RH2202D622	RESISTOR,CHIP, 22K 1/10W 5 D.R/TP	
		R109	0RH1002D622	RESISTOR,CHIP, 10K 1/10W 5 D.R/TP	
		R110	0RH2202D622	RESISTOR,CHIP, 22K 1/10W 5 D.R/TP	
		R111	0RH1002D622	RESISTOR,CHIP, 10K 1/10W 5 D.R/TP	
		R112	0RH2702D622	RESISTOR,CHIP, 27K 1/10W 5 D.R/TP	
		R113	0RH1002D622	RESISTOR,CHIP, 10K 1/10W 5 D.R/TP	
		R114	0RH2202D622	RESISTOR,CHIP, 22K 1/10W 5 D.R/TP	
		R115	0RH1002D622	RESISTOR,CHIP, 10K 1/10W 5 D.R/TP	
		R116	0RH3002D622	RESISTOR,CHIP, 30K 1/10W 5 D.R/TP	
		R120	0RH2200D622	RESISTOR,CHIP, 220 1/10W 5 D.R/TP	
		R121	0RH3300D422	RESISTOR,CHIP, 330 OHM 1 / 10 W 1% D R/TP	
		R122	0RH1002D622	RESISTOR,CHIP, 10K 1/10W 5 D.R/TP	
		R123	0RH4700D622	RESISTOR,CHIP, 470 1/10W 5 D.R/TP	
		R124	0RH1200D622	RESISTOR,CHIP, 120 1/10W 5 D.R/TP	
		R125	0RH1100D622	RESISTOR,CHIP, 110 OHM 1 / 10 W 5% D R/TP	
		R127	0RH1001D622	RESISTOR,CHIP, 1.0K 1/10W 5 D.R/TP	
		R130	0RH1501D622	RESISTOR,CHIP, 1.5K 1/10W 5 D.R/TP	
		R133	0RH1502D622	RESISTOR,CHIP, 15K 1/10W 5 D.R/TP	
		R135	0RH4701D622	RESISTOR,CHIP, 4.7K 1/10W 5 D.R/TP	
		R142	0RH4701D622	RESISTOR,CHIP, 4.7K 1/10W 5 D.R/TP	
		R143	0RH2002D622	RESISTOR,CHIP, 20K 1/10W 5 D.R/TP	
		R144	0RH2002D622	RESISTOR,CHIP, 20K 1/10W 5 D.R/TP	
		R150	0RH1002D622	RESISTOR,CHIP, 10K 1/10W 5 D.R/TP	
		R156	0RH1002D622	RESISTOR,CHIP, 10K 1/10W 5 D.R/TP	
		R157	0RH1002D622	RESISTOR,CHIP, 10K 1/10W 5 D.R/TP	
		R158	0RH1002D622	RESISTOR,CHIP, 10K 1/10W 5 D.R/TP	
		R159	0RH1002D622	RESISTOR,CHIP, 10K 1/10W 5 D.R/TP	
		R160	0RH1002D622	RESISTOR,CHIP, 10K 1/10W 5 D.R/TP	
		R161	0RH1001D622	RESISTOR,CHIP, 1.0K 1/10W 5 D.R/TP	
		R162	0RH1001D622	RESISTOR,CHIP, 1.0K 1/10W 5 D.R/TP	
		R163	0RH1001D622	RESISTOR,CHIP, 1.0K 1/10W 5 D.R/TP	
		R164	0RH1001D622	RESISTOR,CHIP, 1.0K 1/10W 5 D.R/TP	
		R165	0RH1001D622	RESISTOR,CHIP, 1.0K 1/10W 5 D.R/TP	
		R166	0RH1001D622	RESISTOR,CHIP, 1.0K 1/10W 5 D.R/TP	
		R167	0RH1002D622	RESISTOR,CHIP, 10K 1/10W 5 D.R/TP	
		R168	0RH1002D622	RESISTOR,CHIP, 10K 1/10W 5 D.R/TP	
		R169	0RH1002D622	RESISTOR,CHIP, 10K 1/10W 5 D.R/TP	
		R170	0RH1002D622	RESISTOR,CHIP, 10K 1/10W 5 D.R/TP	
		R171	0RH1002D622	RESISTOR,CHIP, 10K 1/10W 5 D.R/TP	
		R174	0RH0000D622	RESISTOR,CHIP, 0 1/10W P-TYPE TAPPING	
		R175	0RH0000D622	RESISTOR,CHIP, 0 1/10W P-TYPE TAPPING	
		R176	0RH0000D622	RESISTOR,CHIP, 0 1/10W P-TYPE TAPPING	
		R177	0RH0000D622	RESISTOR,CHIP, 0 1/10W P-TYPE TAPPING	
		R178	0RH0000D622	RESISTOR,CHIP, 0 1/10W P-TYPE TAPPING	
		R182	0RH1002D622	RESISTOR,CHIP, 10K 1/10W 5 D.R/TP	
		SW131	140-058D	SWITCH,TACT, SKHV10911A LGEC NON 12 20 HORIZONTAL 160	
		BZ130	126-005A	BUZZER,PIEZO ELECTRIC, PKM13EPP-4002 (MURATA)	
MISCELLANEOUS					
△		CDT	2423GC3E41A	CDT SET, M41QBF423X 11N6LD	
		CDT EARTH	6868T17004B	CDT EARTH, FB792 TIN WIRE BRAID(128)	
		D/COIL	6140TC2010A	COIL,DEGAUSSING, 2600MM 13 OHM 0.5MM 90T 17" FS782C	
		P/CORD	6410TUW001B	POWER CORD, YC-2+YC-5, SVT 18*3 YU CHOU UL/CSA 1870MM W	
		S/CABLE	387-874F	SIGNAL CABLE, UL 2990-9C DT 1870MM COOL GRAY 3C CG991B DM	

PIN CONFIGURATION

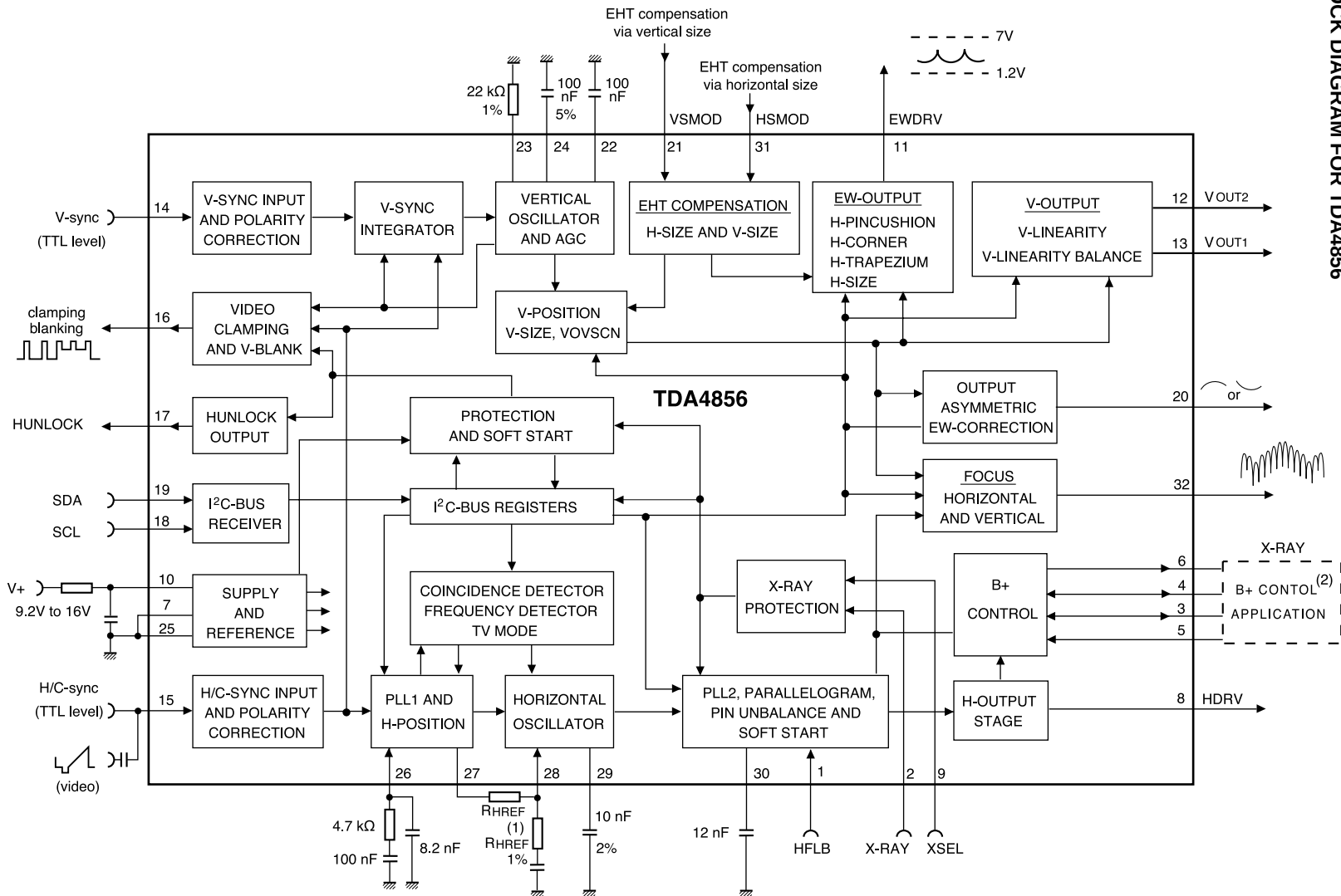
TDA4856

Autosync Deflection Controller

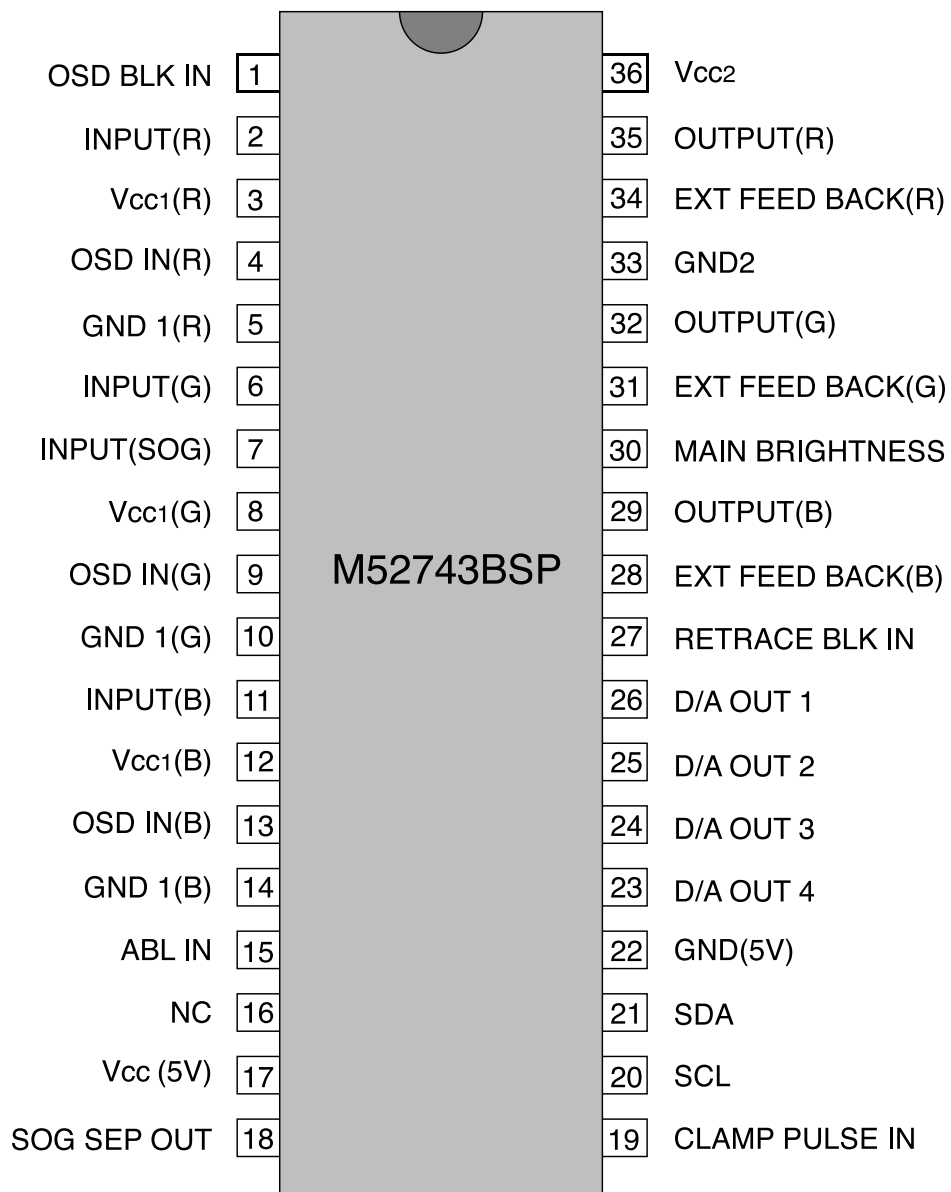


Pin Configuration

PIN	SYMBOL	DESCRIPTION	PIN	SYMBOL	DESCRIPTION
1	HFLB	Horizontal Flyback Input	17	HUNLOCK	H-Synchronization Unlock/Protection/V-Blanking Output
2	XRAY	X-ray Protection Input	18	SCL	I ² C-Bus Clock Input
3	BOP	B ⁺ Control OTA Output	19	SDA	I ² C-Bus Data Input
4	BSENS	B ⁺ Control Comparator Input	20	ASCOR	Output for Asymmetric EW Corrections
5	BIN	B ⁺ Control OTA Input	21	VSMOD	Input for EHT Compensation (Via V-Size)
6	BDRV	B ⁺ Control Driver Output	22	VAGC	External Capacitor for V-Amplitude Control
7	PGND	Power Ground	23	VREF	External Resistor for Vertical Oscillator
8	HDRV	Horizontal Driver Output	24	VCAP	External Capacitor for Vertical Oscillator
9	XSEL	Select Input for X-ray Reset	25	SGND	Signal Ground
10	Vcc	Supply Voltage	26	HPLL1	External Filter for PLL1
11	EWDRV	EW Waveform Output	27	HBUF	Buffered F/V Voltage Output
12	VOUT2	Vertical Output 2 (Ascending Sawtooth)	28	HREF	Reference Current for Horizontal Oscillator
13	VOUT1	Vertical Output 1 (Descending Sawtooth)	29	HCAP	External Capacitor for Horizontal Oscillator
14	VSYNC	Vertical Synchronization Input	30	HPLL 2	External Filter for PLL2 / Soft Start
15	HSYNC	Horizontal / Composite Synchronization Input	31	HSMOD	Input for EHT Compensation (Via H-Size)
16	CLBL	Video Clamping Pulse / V-Blanking Output	32	FOCUS	Output for Horizontal and Vertical Focus

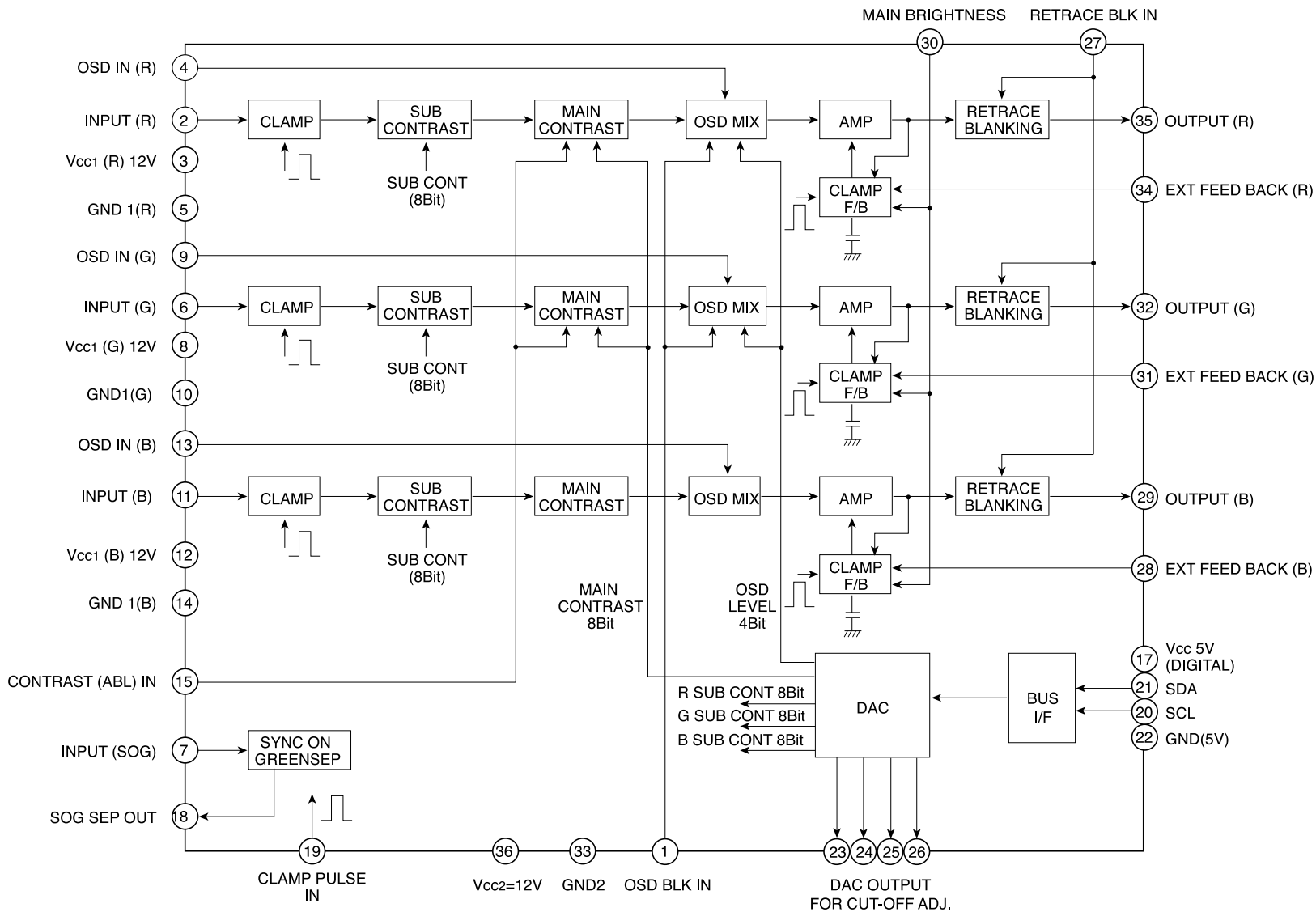


PIN CONFIGURATION (TOP VIEW)

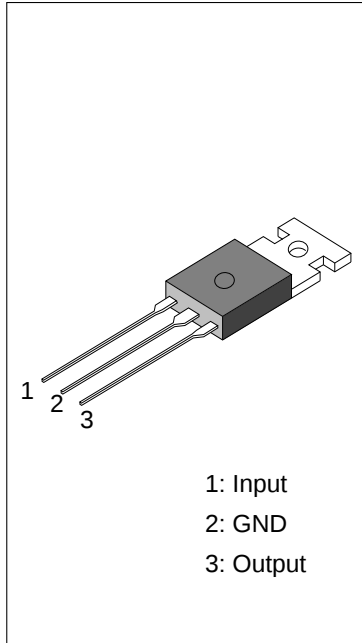


Outline 36P4E

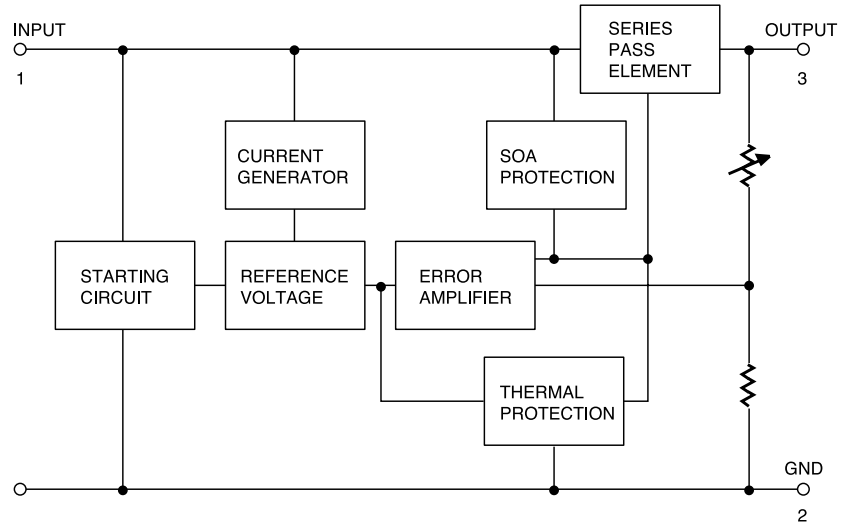
NC : NO CONNECTION



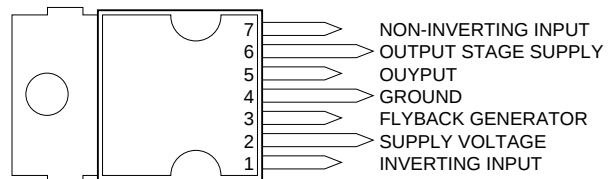
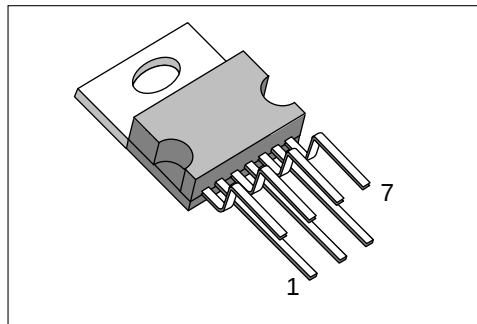
KA7812 Positive Voltage Regulator 5V (8V, 12V)



BLOCK DIAGRAM

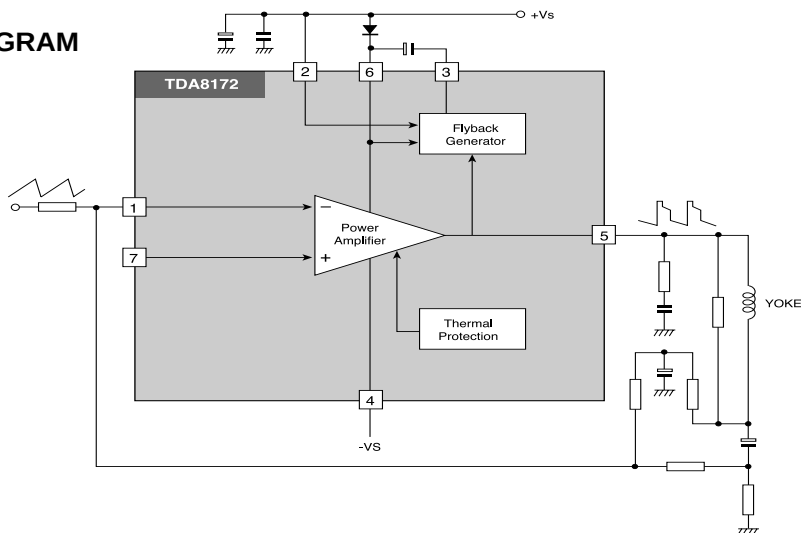


TDA8172 Vertical Deflection Output Circuit

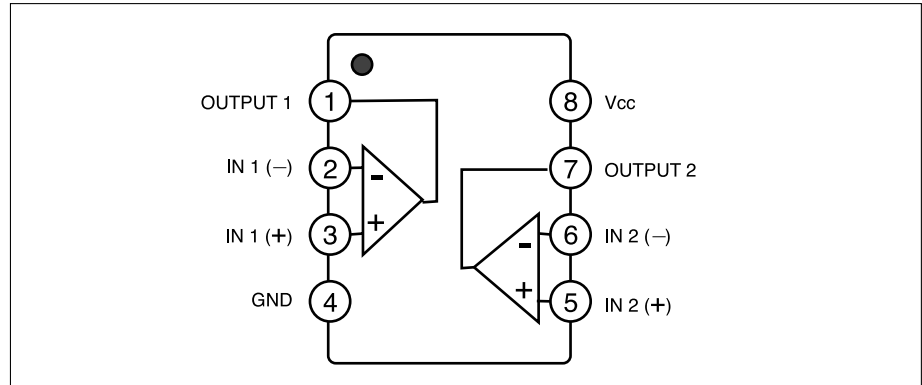
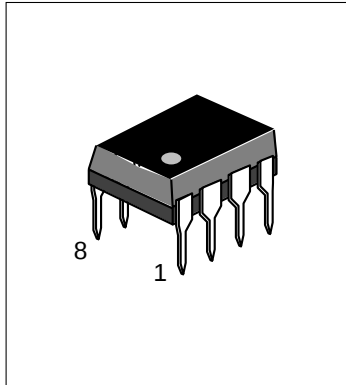


Pin Configuration

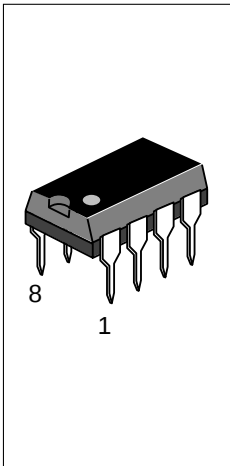
BLOCK DIAGRAM



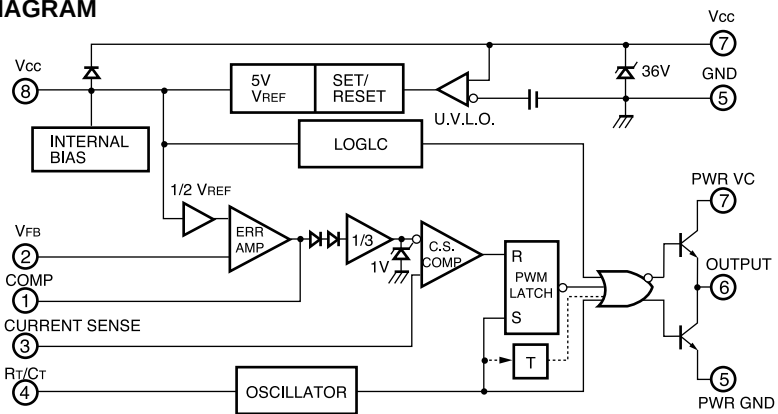
KA358 Dual Operational Amplifier



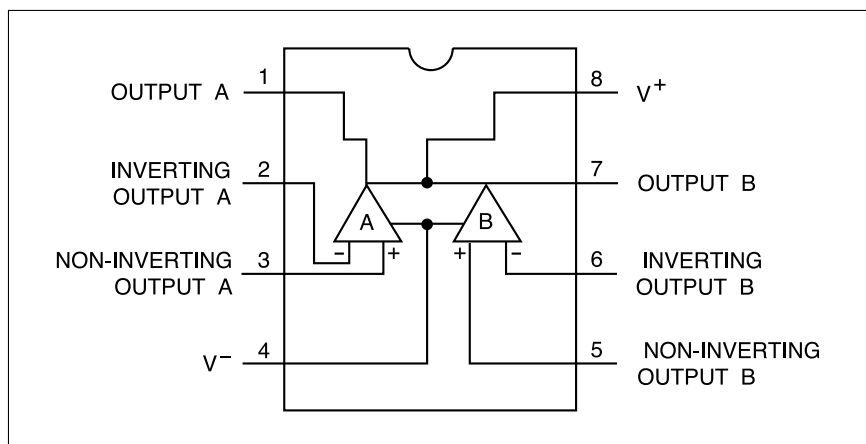
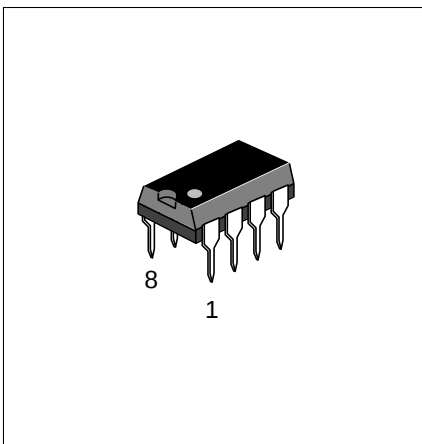
KA3843B Current-Mode PWM Controller

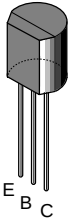
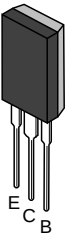
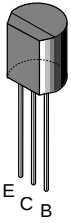
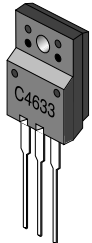
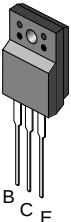
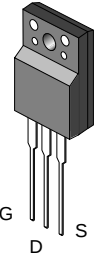
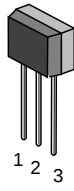
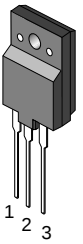
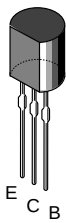


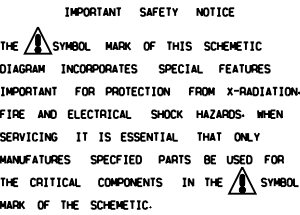
BLOCK DIAGRAM



LF353 Wide Bandwidth Dual JFET Input Operational Amplifier



TYPE	PARTS	TYPE	PARTS
	2N3904		KTA1273 KTC3206
	KSB564AC		2SC4633
	KTD1413		IRFS630A
 1: GND 2: OUT 3: IN	DTC114E	 1: BASE 2: COLLECTOT 3: EMITTER	2SC5589
	KTC200-Y KTC3198		



NOTICE
Since this is a basic schematic diagram,
the value of components and some partial connection are
subject to be changed for improvement without notice.

FG793C
2000/04/04
3854T17044A