

LG

COLOR MONITOR

SERVICE MANUAL

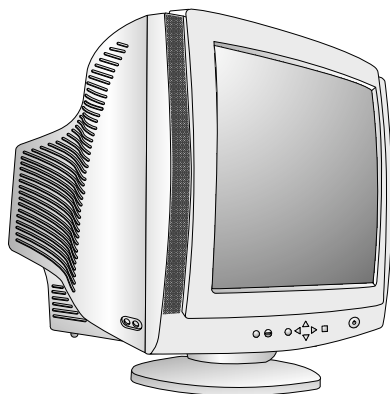
CHASSIS NO. : CA-108

MODEL: MB700G

StudioWorks 700ME (MB700G-EA),
StudioWorks 700M (MB700G-NA)

CAUTION

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



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SPECIFICATIONS

1. PICTURE TUBE

Size	: 17 inch
Deflection Angle	: 90°
Neck Diameter	: 29.1 mm
Dot Pitch	: 0.27 mm
Face Treatment	: AGARAS (Anti-Glare Anti Reflection and Anti-Static Coating)
Low Radiation	: MPR II, TCO 99

2. SIGNAL

2-1. Horizontal & Vertical Sync

- 1) Input Voltage Level : Low=0~1.2V, High=2.5~5.5V
- 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

3 row 15-pin D- Sub Connector (Attached)

2-4. Scanning Frequency

Horizontal	: 30 ~ 70 kHz
Vertical	: 50 ~ 160 Hz

3. POWER SUPPLY

3-1. Power Range

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

3-2. Power Consumption

MODE	POWER CONSUMPTION	LED COLOR
MAX	100 W	GREEN
NORMAL (ON)	73 W	GREEN
STAND-BY	less than 15 W	AMBER
SUSPEND	less than 15 W	
OFF	less than 5 W	AMBER

4. DISPLAY AREA

4-1. Active Video Area :

- Max Image Size - 326.7 x 245.5 mm (12.86" x 9.67")
- Preset Image Size - 310 x 230 mm (12.20" x 9.06")

4-2. Display Color : Full Colors

4-3. Display Resolution : 1280 x 1024 / 60Hz(Max) (Non-Interlace)

4-4. Video Bandwidth : 110 MHz

5. ENVIRONMENT

5-1. Operating Temperature: 0°C ~ 40°C (Ambient)

5-2. Relative Humidity : 10%~ 90% (Non-condensing)

5-3. Altitude : 5,000 m

6. DIMENSIONS (with TILT/SWIVEL)

Width	: 450.0 mm (17.71 inch)
Depth	: 416.0 mm (16.37 inch)
Height	: 399.0 mm (15.70 inch)

7. WEIGHT (with TILT/SWIVEL)

Net Weight	: 15.2 kg (33.51 lbs.)
Gross Weight	: 18.2 kg (40.13 lbs.)

8. Audio

RMS Audio Output	: 1W+1W(Right+Left)
Input Sensitivity	: 0.7Vrms
Speaker Impedance	: 8Ω

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 manufacturer 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 25.5kV. The following steps describe how to measure the high voltage and how to prevent X-radiation.

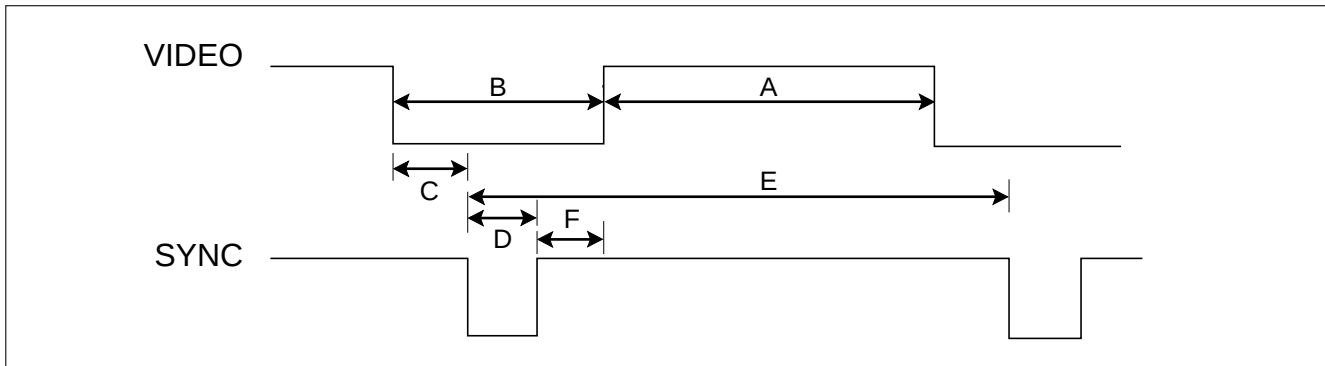
Note : It is important to use an accurate high voltage meter calibrated periodically.

- 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

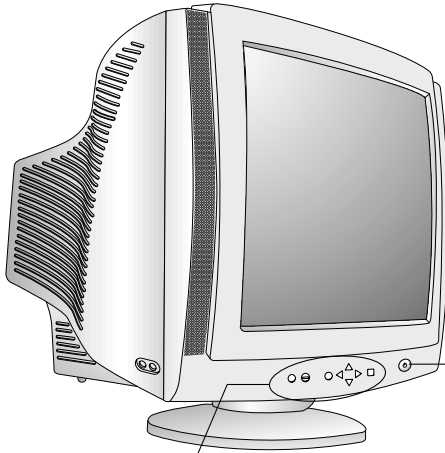


<< Dot Clock (**MHz**), Horizontal Frequency (**kHz**), Vertical Frequency (**Hz**), Horizontal etc... (**μs**), Vertical etc... (**ms**) >>

Mode	H/V Sort	Sync Polarity	Frequency	Total Period (E)	Video Active Time (A)	Blanking Time (B)	Sync Duration (D)	Back Porch (F)	Front Porch (C)	Resolution
1	H	—	37.50	26.67	20.32	6.35	2.03	3.81	0.51	640x480 75Hz
	V	—	74.99	13.335	12.802	0.533	0.080	0.427	0.026	
2	H	+	46.88	21.33	16.16	5.17	1.62	3.23	0.32	800x600 75Hz
	V	+	75.01	13.331	12.798	0.533	0.064	0.448	0.021	
3	H	+	53.68	18.63	14.22	4.41	1.14	2.70	0.57	800x600 85Hz
	V	+	85.07	11.755	11.178	0.577	0.056	0.503	0.018	
4	H	+	68.677	14.561	10.836	3.725	1.016	2.201	0.508	1024x768 85Hz
	V	+	85.00	11.764	11.182	0.582	0.044	0.524	0.014	

* Mode 1~Mode 4: Basic Mode

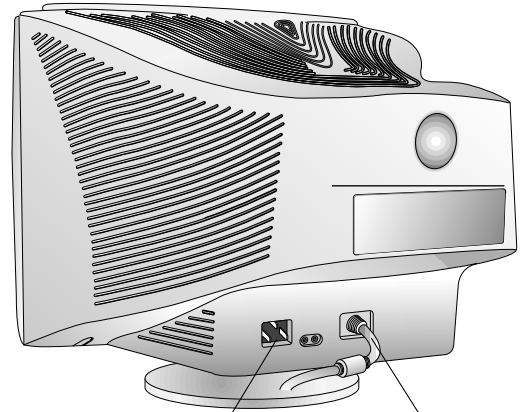
FRONT VIEW



See Front Control Panel

Power ON/OFF Button

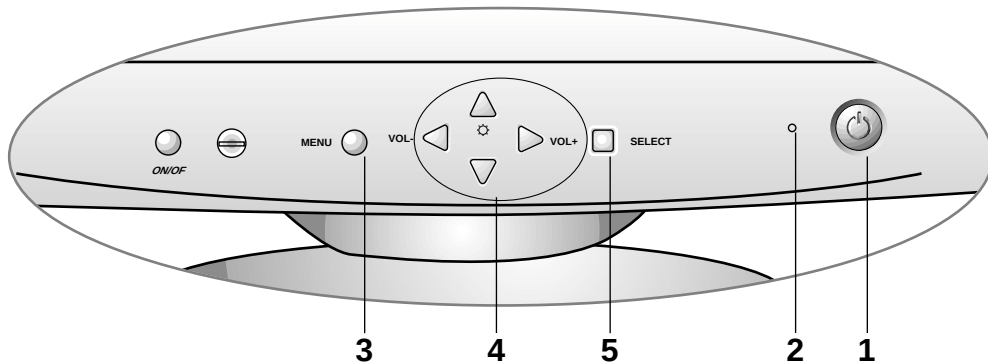
REAR VIEW



AC Power Socket

Signal Connector

Front Control Panel



1. Power ON/OFF Button

Use this button to turn the monitor ON or OFF.

2. Power(DPMS) Indicator

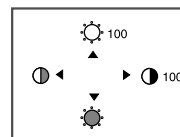
This Indicator lights up green when the monitor operates normally. If the monitor is in DPM (Energy Saving) mode, this indicator color changes to amber.

3. MENU(or OSD) Button

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

4. ▲▼/◀▶ Button

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



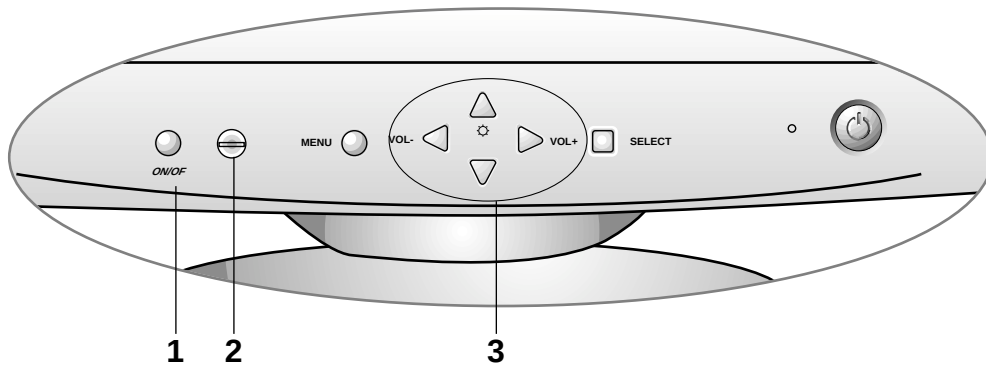
▲ → ◀ ▶ Buttons: Bring up Contrast adjustment
▲ → ▲ ▼ Buttons: Bring up Brightness adjustment

The Contrast and Brightness functions are also available in the On Screen Display (OSD) menu.

5. SELECT(or SET) Button

Use this button to enter a selection in the on screen display.

Front Control Panel



1. Audio Mute Button

Use to mute audio source.

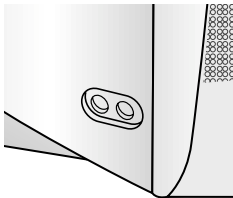
2. Microphone

Built-in microphone.

3. ◀ ▶ Buttons

Brings up to the audio menu.

Side Jacks



Headphone Jack



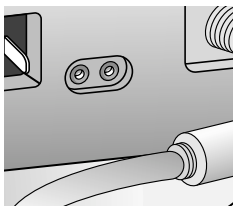
A headphone jack that automatically mutes the speaker volume when headphones plugged in.

Microphone Jack



An external microphone can be used instead of the built-in microphone.

Rear Panel Jacks



Audio In -Light blue

Connects to audio source via PC cable attachment.

Mic Out - Pink

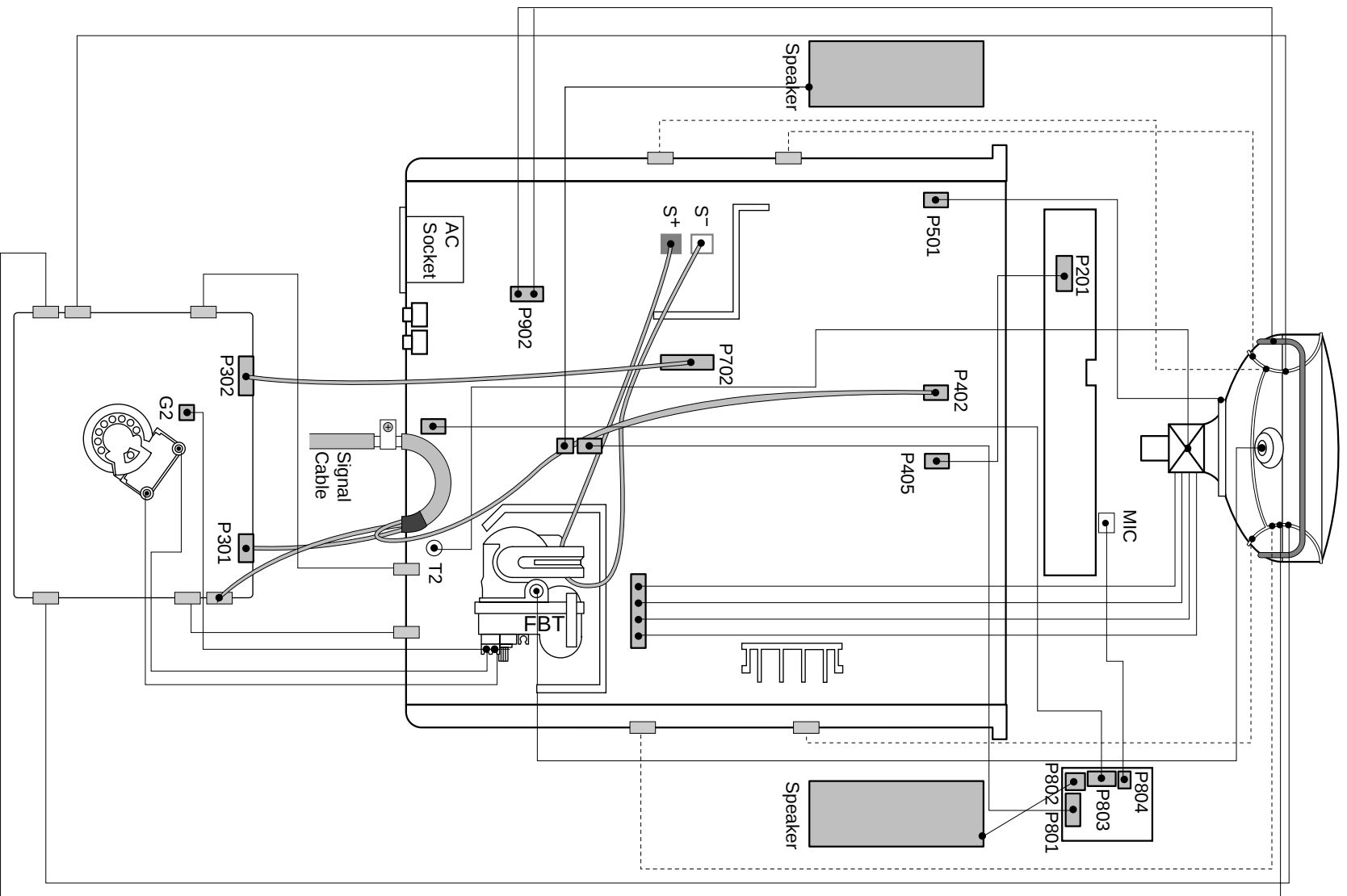
Connects to speakers via PC cable.

Microphone Operation

Using this jack reduces the length of cable needed to reach the PC's sound card. In order to use the MIC jack, use a cable (supplied) to plug into the rear of the monitor (MIC OUT) and into the MIC input jack of your sound card (if available).

Audio Features

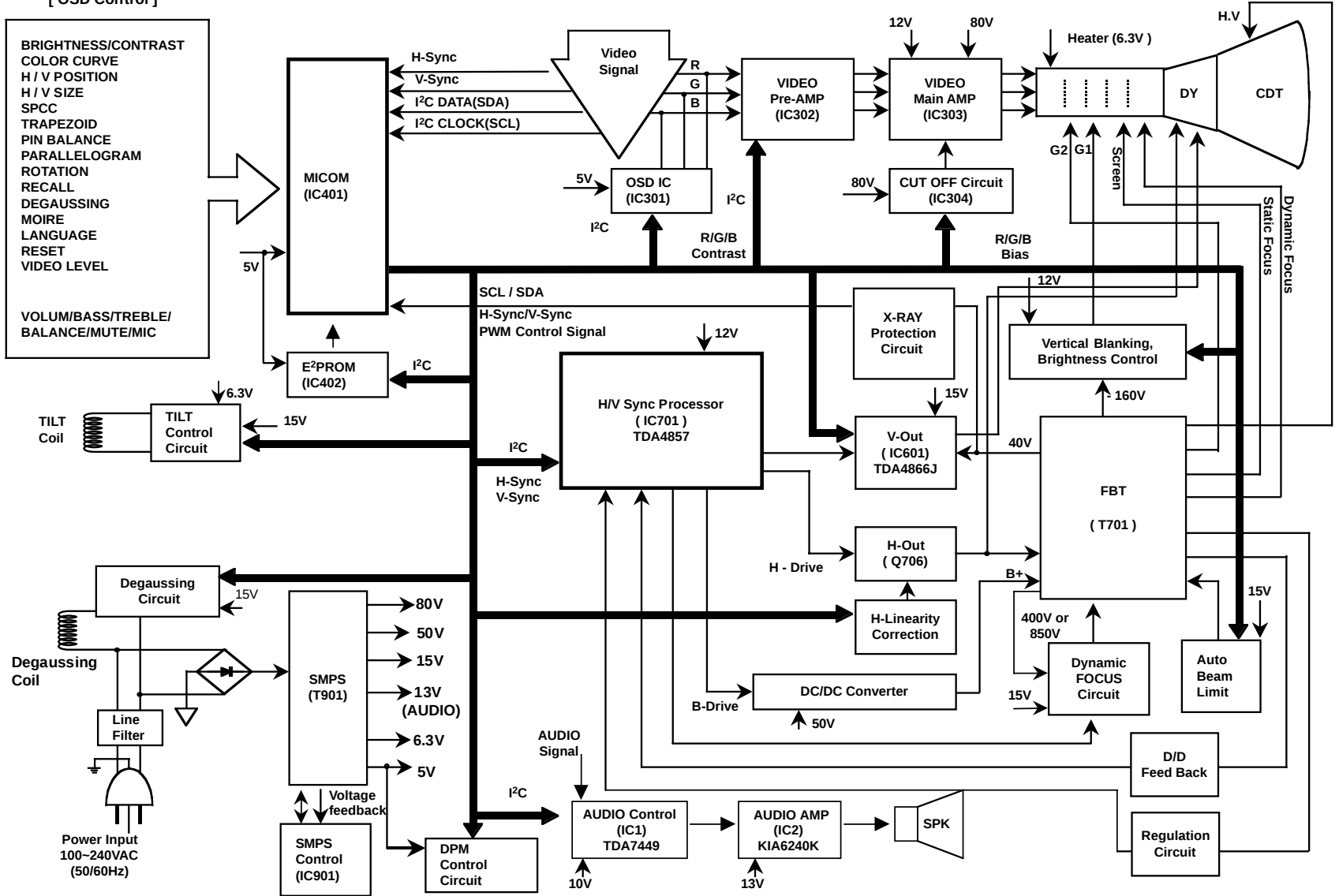
A major feature of this monitor is its built-in audio system. This conveniently integrates a stereo audio amplifier and speakers without taking up additional space. Because the monitor is designed like this, you can easily upgrade to audio capable multimedia applications by attaching your PC with sound card to the back of the monitor. It will result in significantly less cabling and space requirements.



[OSD Control]

BRIGHTNESS/CONTRAST
COLOR CURVE
H / V POSITION
H / V SIZE
SPCC
TRAPEZOID
PIN BALANCE
PARALLELOGRAM
ROTATION
RECALL
DEGAUSSING
MOIRE
LANGUAGE
RESET
VIDEO LEVEL

VOLUM/BASS/TREBLE/
BALANCE/MUTE/MIC



DESCRIPTION OF BLOCK DIAGRAM

1. SMPS(Switching Mode Power Supply)

When you turn on the power switch, the operating procedure is as follows:

- 1) The AC line voltage is rectified by the bridge diode D900.
- 2) The control IC(IC901) starts switching and generates switch pulse in the primary turn of the SMPS transformer(T901).
- 3) The switching pulses of the primary turns are induced to the secondary turns of the transformer by the turn ratio. This pulses are rectified by each diode(D971, D961,D951,D942,D941,D901)
- 4) Each rectified DC voltage(80V, 50V, 15V, 5V, 6.3V and 13V)
- 5) Diode (D901) is supplied to the audio circuits.)

2. Over Voltage Protection Circuit

When the input of IC901 Vin(pin 4) is more than 22V, all the secondary voltages of the SMPS transformer (T901) down to low value.

3. Display Power Management Circuit(DPM)

- 1) STAND-BY & SUSPEND Mode
When no input of horizontal or vertical sync Q951 is turned off and Q952 is turned off. Then input power consumption is below 15 watts.
- 2) OFF Mode
When no input of horizontal and vertical sync Q951, Q941 are turned off and Q952, 942 are turned off. Then input power consumption is below 5 watts.

4. X-RAY Protection Circuit

When the high Voltage reaches to 29kV in an abnormal case, the high voltage detector circuit, R816,R818,C805 start operation to shut down high voltage circuit.

5. Microprocessor Control Circuit

The operating procedure is as follows ;

- 1) Horizontal and Vertical sync signal are supplied to the microprocessor (IC401).
- 2) Microprocessor (IC401) discriminates the operating mode from the sync polarity and resolution.
- 3) After microprocessor reads these adjusted mode data stored at EEPROM, it controls operating mode data through IIC
- 4) Users can control screen condition by the OSD, Select, Up, Down, Left, Right, Audio mute, Audio buttons.

6. D/D Converter Circuit.

To obtain constant high voltage, this circuit supplies controlled DC voltage for FBT and horizontal deflection circuit according to the horizontal sync frequency.

7. Horizontal and Vertical Sync Processor Circuit

The horizontal and vertical sync processor IC(IC701) has a sync detector, a saw-tooth generator, and drive function, And outputs horizontal and vertical drive signal to control screen distortions.

8. Horizontal S-correction Circuit.

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

9. Horizontal drive and Output Circuit.

This circuit is a horizontal deflection amplifier for raster scan.

10. ABL Circuit

This circuit limits the beam-current for the reliability of CDT.

11. Vertical Output Circuit

This circuit takes the vertical ramp wave from the TDA4866 (IC601) and perform the vertical deflection by supplying the saw-tooth wave current to the vertical deflection yoke.

12. Blanking and Brightness Control Circuit.

Blanking circuit eliminates the retrace line by supplying a negative pulse wave to the G1 of the CDT. Brightness control circuit is used for control of the screen brightness by changing the DC level G1.

13. 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 near the deflection yoke of the CDT.

14. OSD (On Screen Display) Circuit.

This circuit displays information of the monitor's status on the screen.

15. Audio Circuit.

MIC circuit sends the microphone sound to PC. The sound circuit get to the audio gain with the controller (IC1) and the main amp(IC2).

16. Video Processor Circuit.

Video processor circuit consists of the video drive output block. The video drive IC(IC302) receives the video signal from PC. The gain of each channel is controlled by MICOM through IIC. The cut-off circuit compensate different voltage of each channel between the cathode and the G1 of the CDT.

17. Video Pre-Amp Circuit.

This circuit amplifies the analog video signal from 0~0.7 V to 0~4 V. It is operated by taking the clamp, R,G,B drive and contrast signal from the MICOM (IC401).

18. Video Output Amp Circuit.

This circuit amplifies the video signal which comes from the video pre-amp circuit and amplified it to applied 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.)
 - 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 so that 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 DEGAUSS 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.
- Set external Brightness and Contrast volume to max position.

1. Adjustment for B⁺ Voltage.

- 1) Display cross hatch pattern at Mode 4.
- 2) Check C961 (+) voltage to $50 \pm 0.5\text{Vdc}$.

2. Adjustment for High-Voltage.

- 1) Display cross hatch pattern at Mode 4.
- 2) DIST.ADJ. → CTRL PWM → High Voltage Command.
- 3) Adjust High Voltage to $25.5\text{kV} \pm 0.3\text{ kVdc}$.
- 4) Press Enter Key.

3. Adjustment for Factory Mode (Preset Mode).

- 1) Display cross hatch pattern at Mode 1.
- 2) Run alignment program for MB700G on the IBM compatible PC.
- 3) EEPROM → ALL CLEAR → Y(Yes) command.
<Caution> Do not run this procedure unless the EEPROM is changed. All data in EEPROM (mode data and color data) will be erased.
- 4) Power button of the monitor turn off → turn on.
- 5) COMMAND → PRESET START → Y(Yes) command.
- 6) DIST. ADJ. → CTRL PWM → TILT command.

- 7) Adjust tilt as arrow keys to be the best condition.
- 8) DIST. ADJ. → BALANCE command.
- 9) Adjust parallelogram as arrow keys to be the best condition.
- 10) Adjust balance of pin-balance as arrow keys to be the best condition.
- 11) DIST. ADJ. → FOS. ADJ command.
- 12) Adjust V-SIZE as arrow keys to $230 \pm 2\text{mm}$.
- 13) Adjust V-POSITION as arrow keys to center of the screen.
- 14) Adjust H-SIZE as arrow keys to $310 \pm 2\text{mm}$.
- 15) Adjust H-POSITION as arrow keys to center of the screen.
- 16) Adjust S-PCC (Side-Pincushion) as arrow keys to be the best condition.
- 17) Adjust TRAPEZOID as arrow keys to be the best condition.
- 18) Save of the Mode 1.
- 19) PRESET EXIT → Y (Yes) command.

4. Adjustment for White Balance and Luminance.

- 1) Set the White Balance Meter.
- 2) Press the DEGAUSS on the OSD menu for demagnetization of the CDT.
- 3) COLOR ADJ. → LUMINANCE command of the alignment program.
- 4) Set Brightness and Contrast to Max position.
- 5) Display color 0,0 pattern at Mode 4.
- 6) COLOR ADJ. → BIAS ADJ. → COLOR No. → 1 command of the alignment program.
- 7) Check whether green color or not at R-BIAS and G-BIAS to min position and B-BIAS to 127(7F) and Sub-Brightness to 177(B1) position. Adjust G2 (screen) command to $0.4 \pm 0.05\text{FL}$ of the raster luminance.
- 8) Adjust R-BIAS and G-BIAS command to $x=0.283 \pm 0.005$ and $y=0.298 \pm 0.005$ on the White Balance Meter with PC arrow keys.
- 9) Adjust SUB-Brightness command to $0.4 \pm 0.1\text{FL}$ of the raster luminance.
- 10) Adjust repeat number 8).
- 11) After push the "ENTER" key.
- 11-1) COMMAND → PRESET START → Y(Yes) command.
- 12) Display color 15,0 full white pattern at Mode 4.
- 13) DRIVE ADJ. → No 1. command.

- 14) Set Brightness and Contrast to Max position.
- 15) Set SUB-CONTRAST Max 127(7F) (decimal) position.
- 16) Set B-DRIVE to 80(50) at DRIVE of the alignment program.
- 17-1) Adjust R-DRIVE and G-DRIVE command to white balance $x=0.283\pm0.003$ and $y=0.298\pm0.003$ on the White Balance Meter with PC arrow keys.
- 17-2) Display color 15,0 window pattern (70x70mm) at mode 4.
- 18) Adjust SUB-CONTRAST command to $50\pm2FL$.
- 19) Display color 15,0 full white pattern at Mode 4.
- 20) Set Brightness and Contrast to Max position.
- 21) COLOR ADJ. → LUMINANCE → ABL command.
- 22) Adjust ABL to $32\pm1FL$ of the luminance.
- 23) After push the "ENTER" key, and "COMMAND → PRESET EXIT → Y(Yes)" command.
- 24) Exit from the program.

5. Input EDID Data.

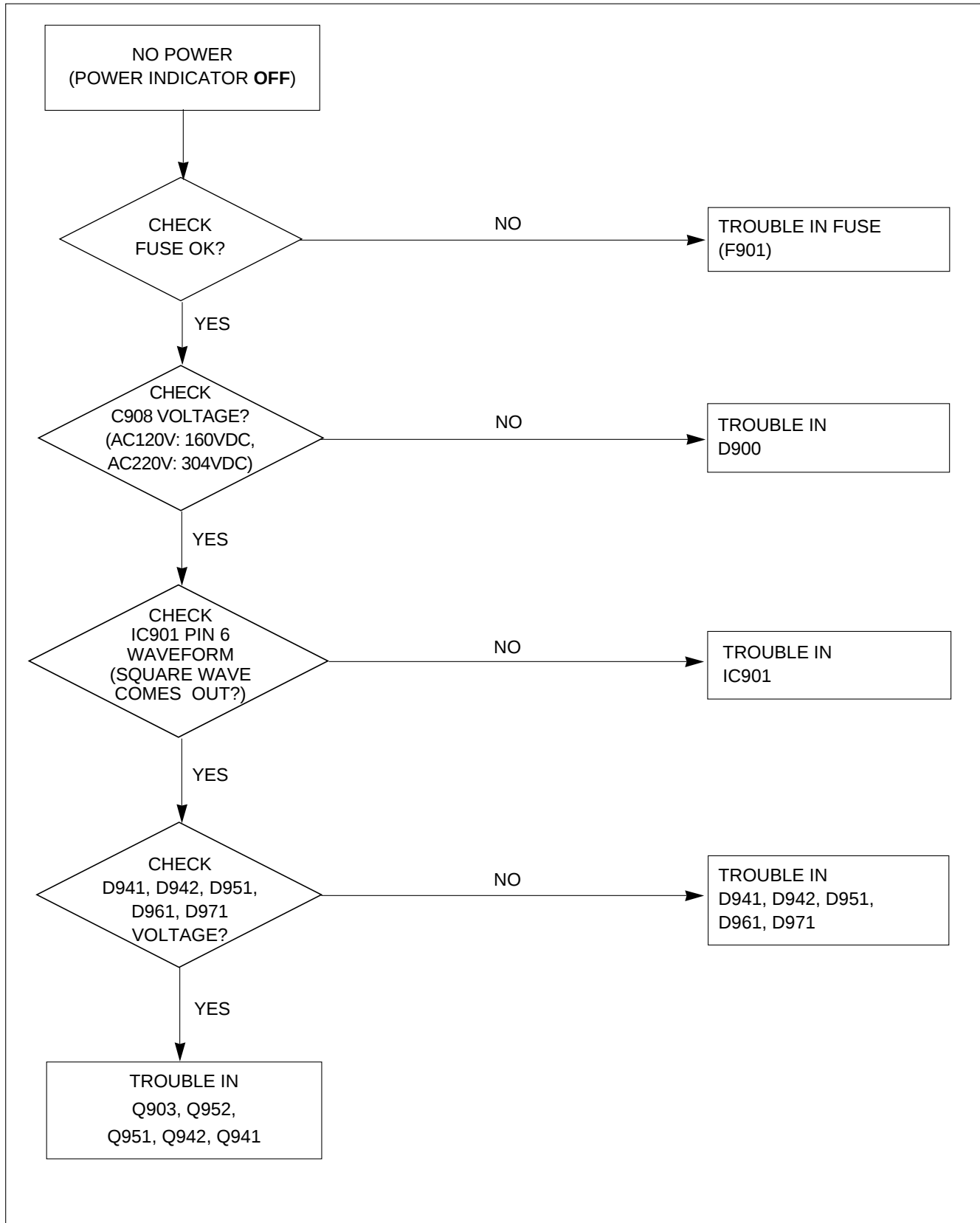
- 1) Display color 15,0 cross hatch pattern at Mode 4.
- 2) EEPROM → Write EDID command and confirm "EDID Write OK!!" message of monitor.
- 3) Exit from the alignment program.
- 4) Power switch OFF/ON for EDID data save.

6. Adjustment for Focus.

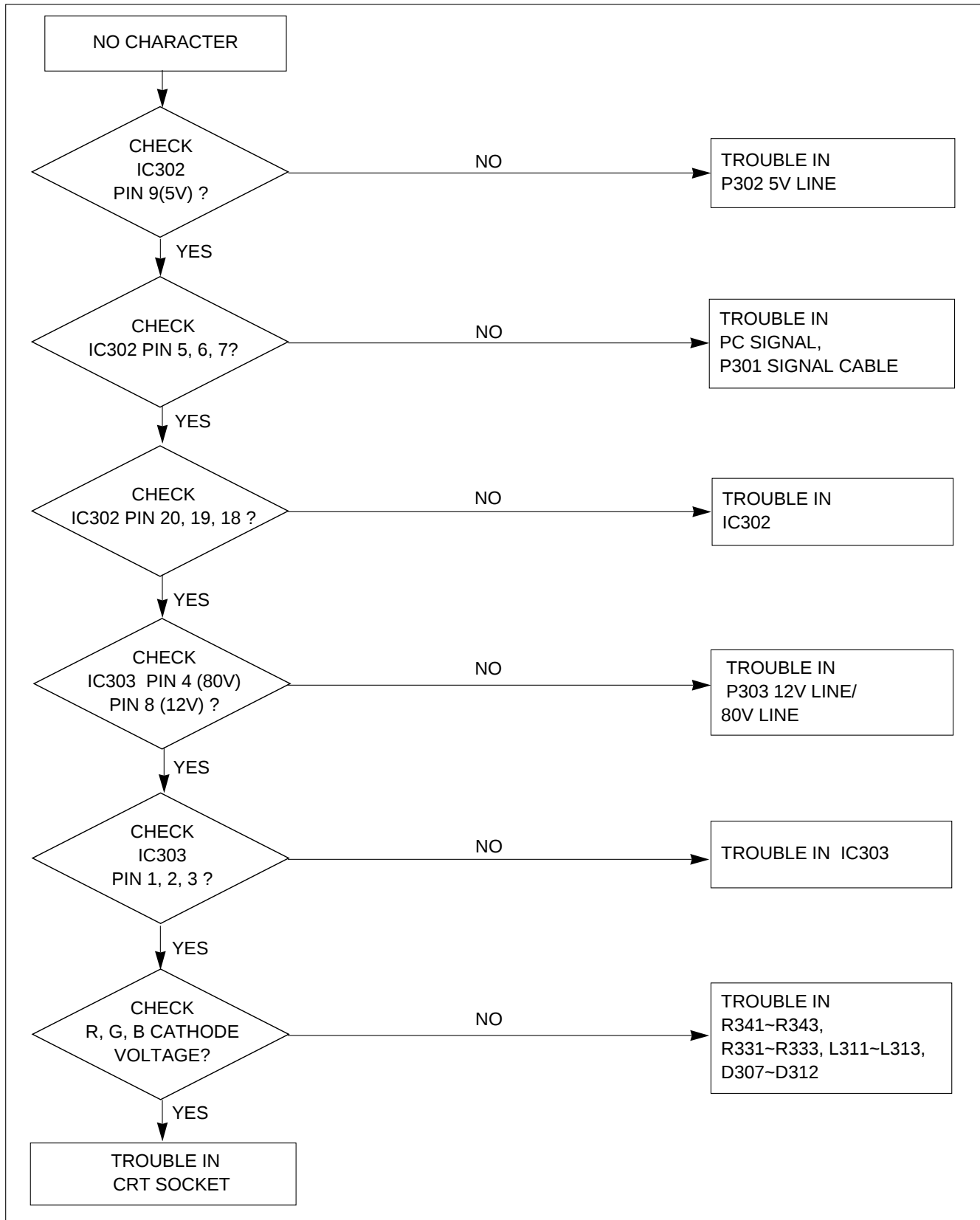
- 1) Set the Brightness and Contrast to max position.
- 2) Display H character in full screen at Mode 4.
- 3) Adjust two Focus control on the FBT that focus should be the best condition.

TROUBLESHOOTING GUIDE

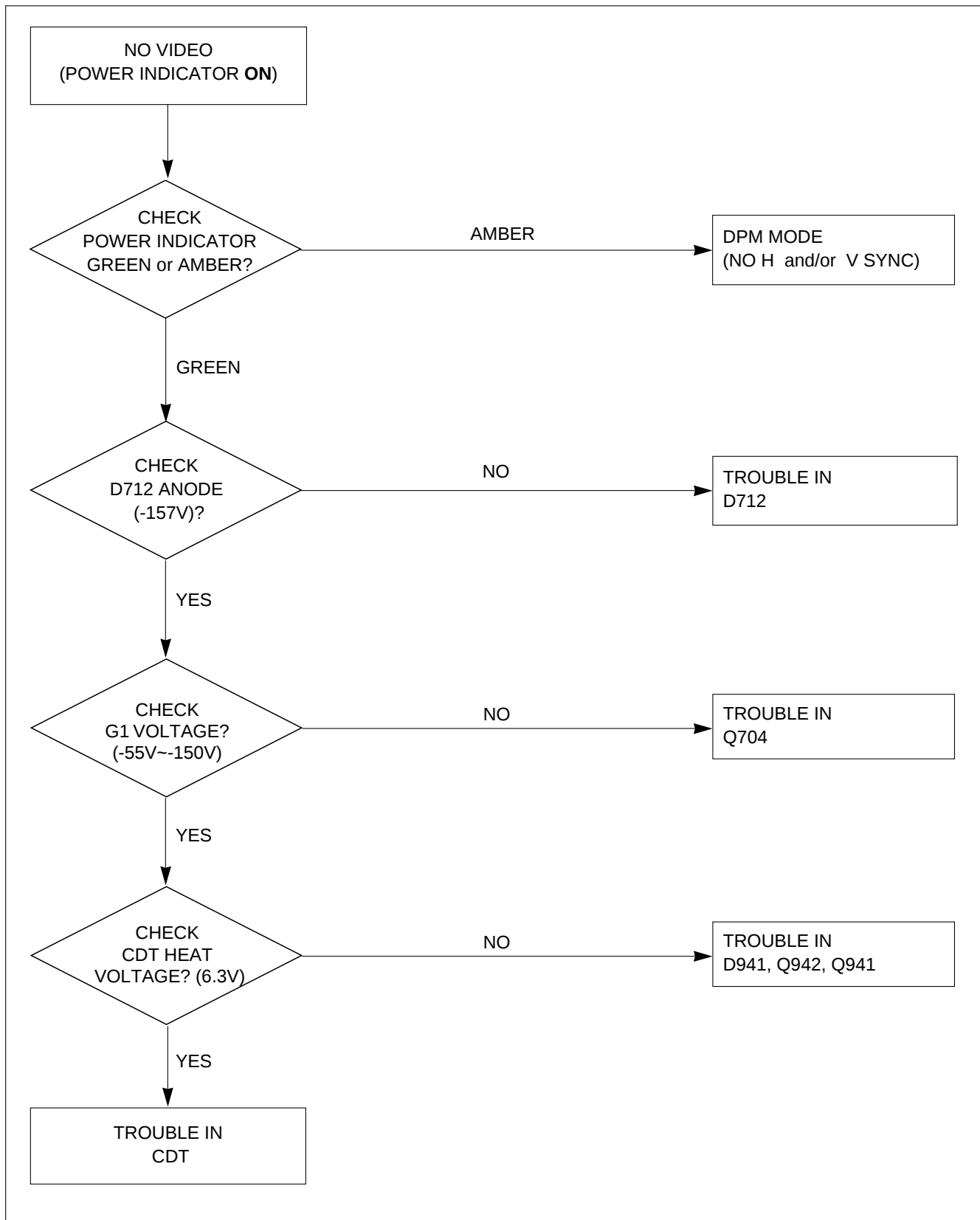
1. NO POWER



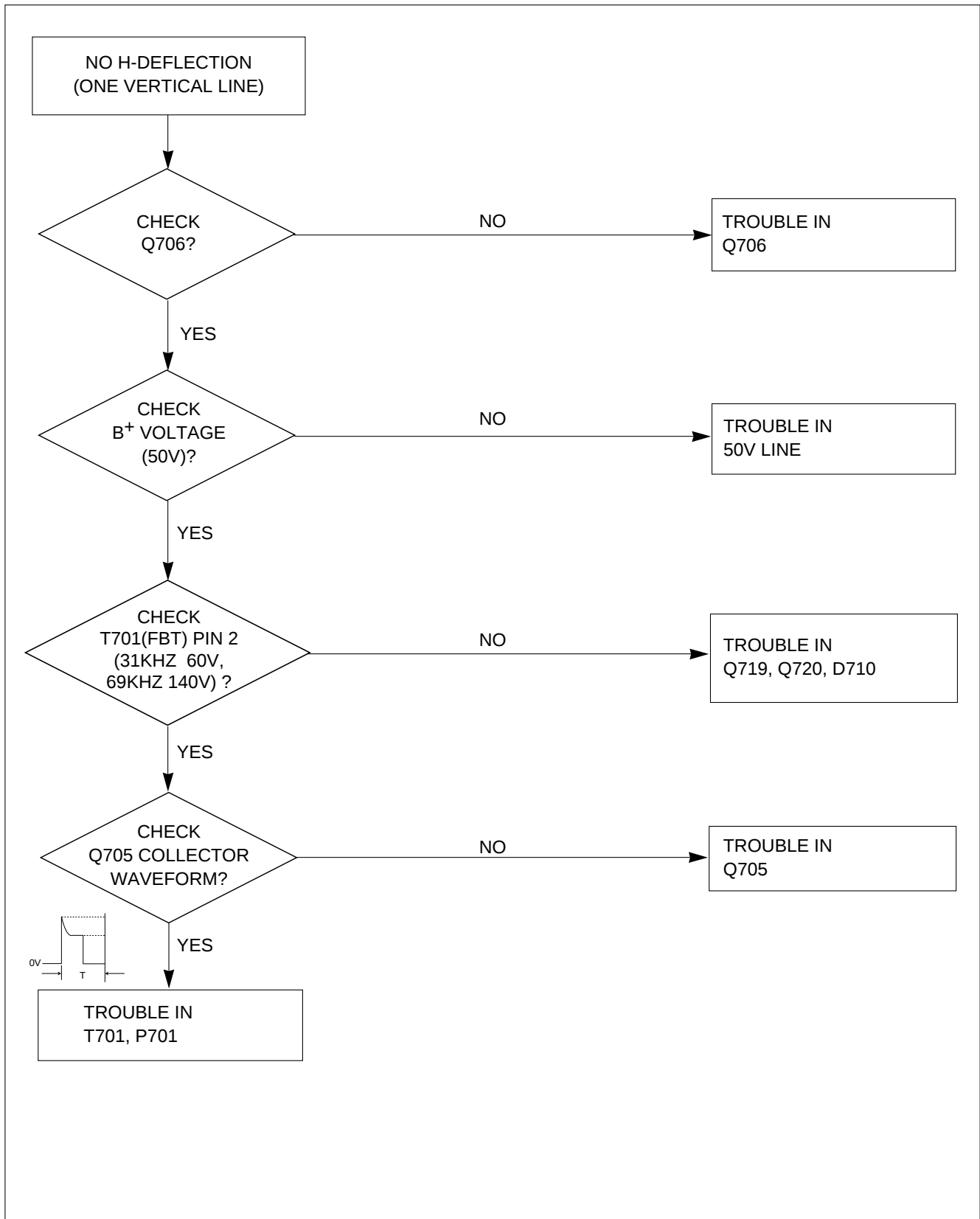
2. NO CHARACTER



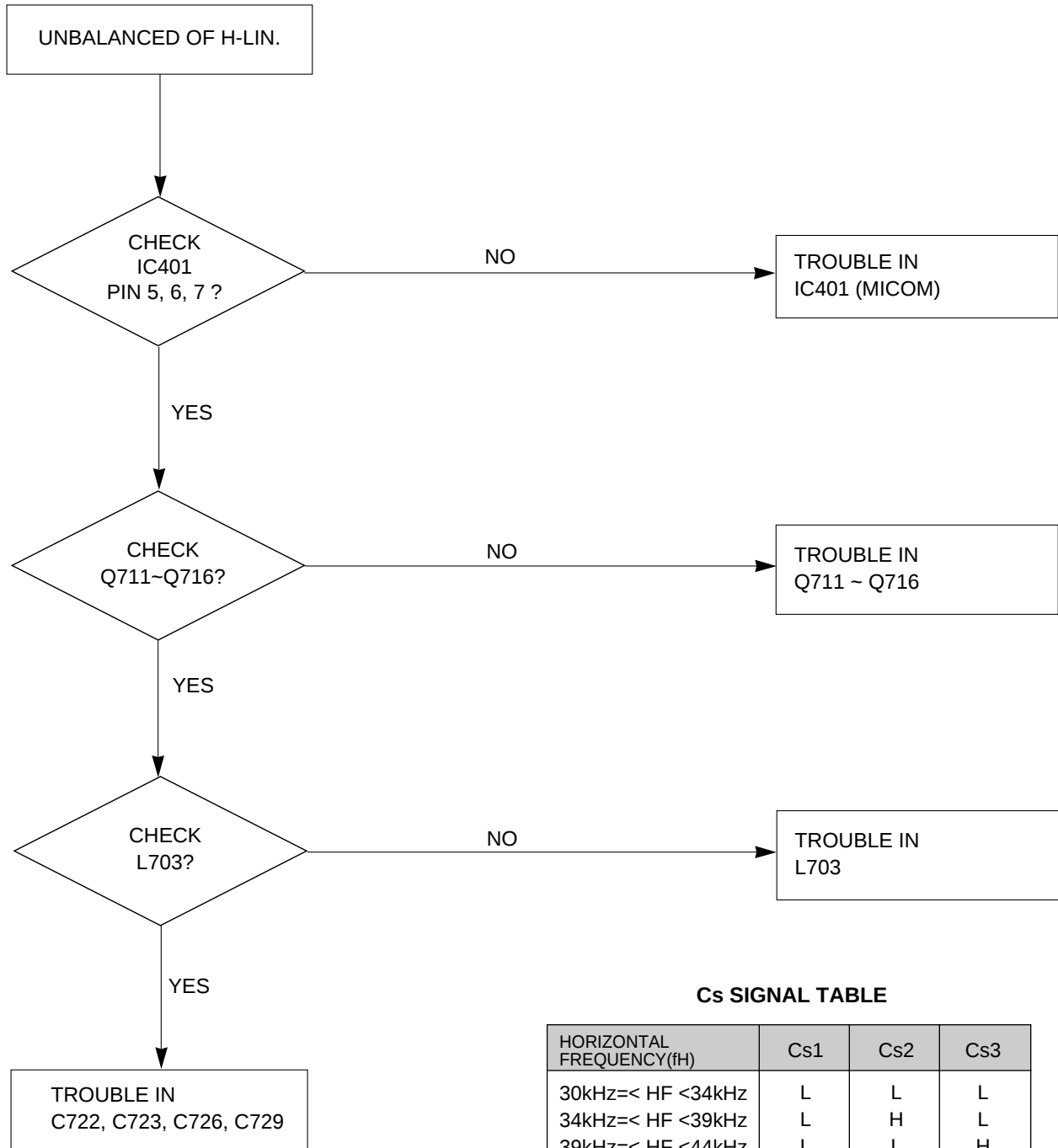
3. NO RASTER



4. NO HORIZONTAL DEFLECTION



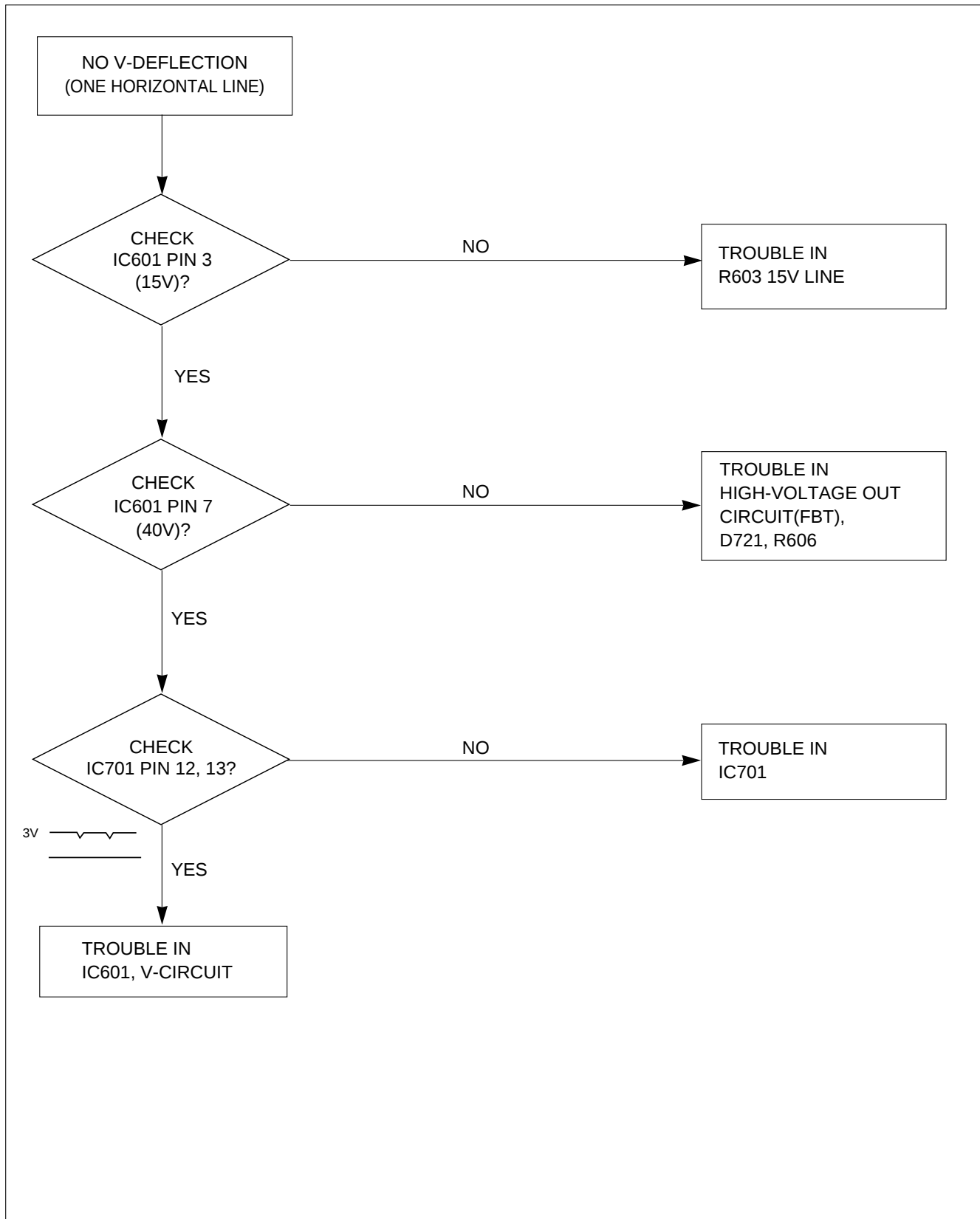
5. TROUBLE IN H-LINEARITY



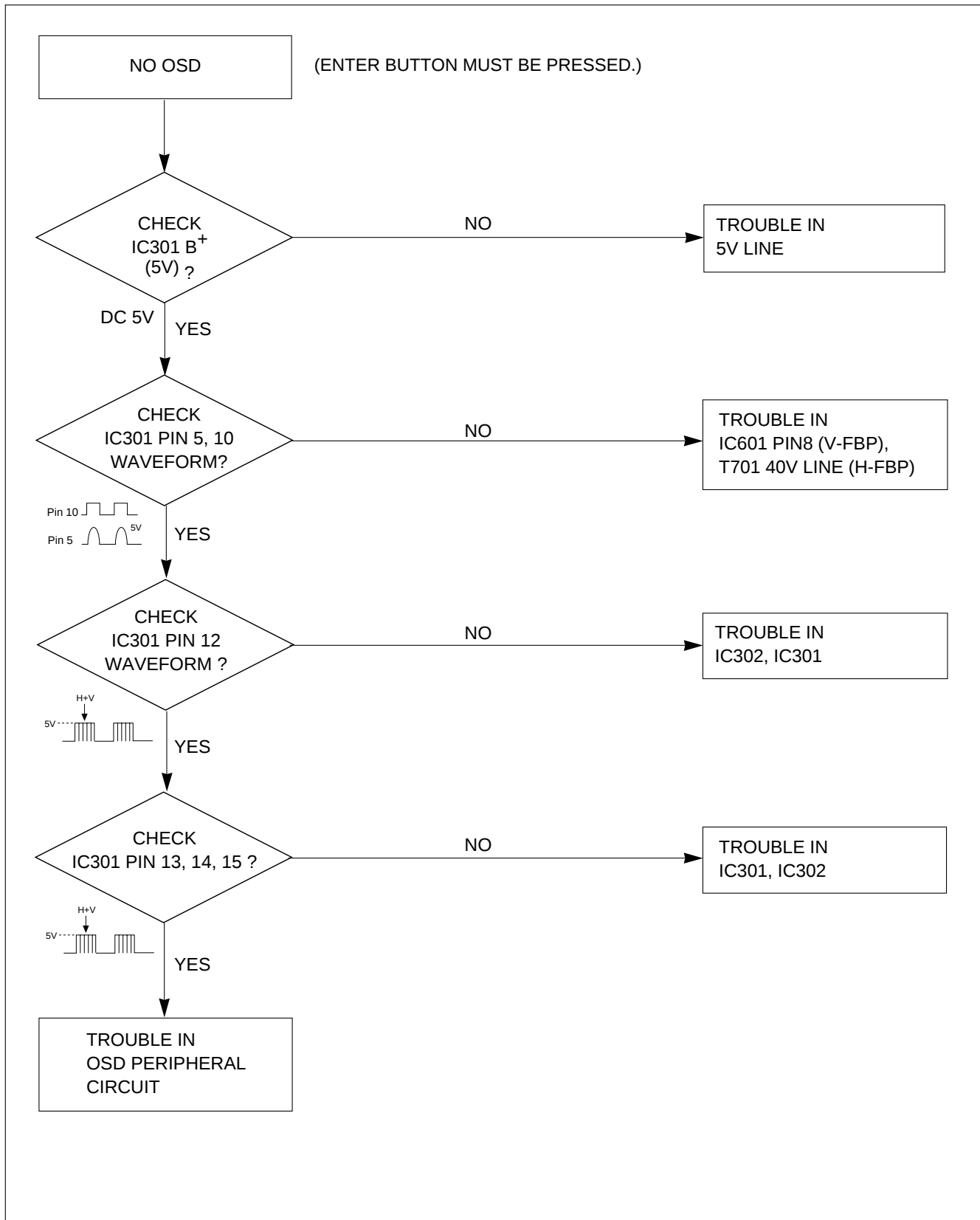
Cs SIGNAL TABLE

HORIZONTAL FREQUENCY(fH)	Cs1	Cs2	Cs3
30kHz=< HF <34kHz	L	L	L
34kHz=< HF <39kHz	L	H	L
39kHz=< HF <44kHz	L	L	H
44kHz=< HF <48kHz	H	L	H
48kHz=< HF <52kHz	L	H	H
52kHz=< HF <58kHz	L	H	H
58kHz=< HF <62kHz	L	H	H
62kHz=< HF <66kHz	H	H	H
66kHz=< HF <70kHz	H	H	H

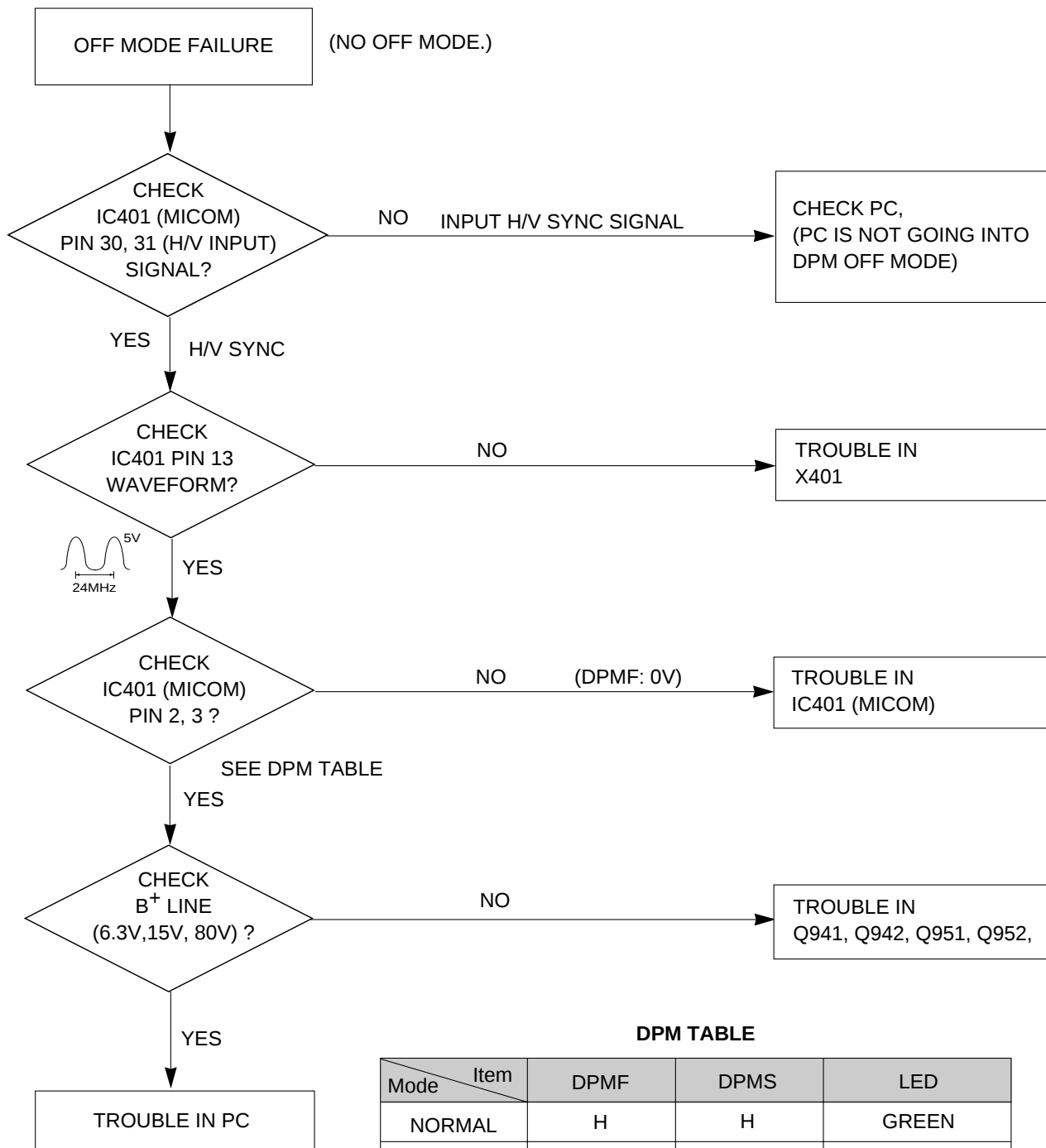
6. NO VERTICAL DEFLECTION



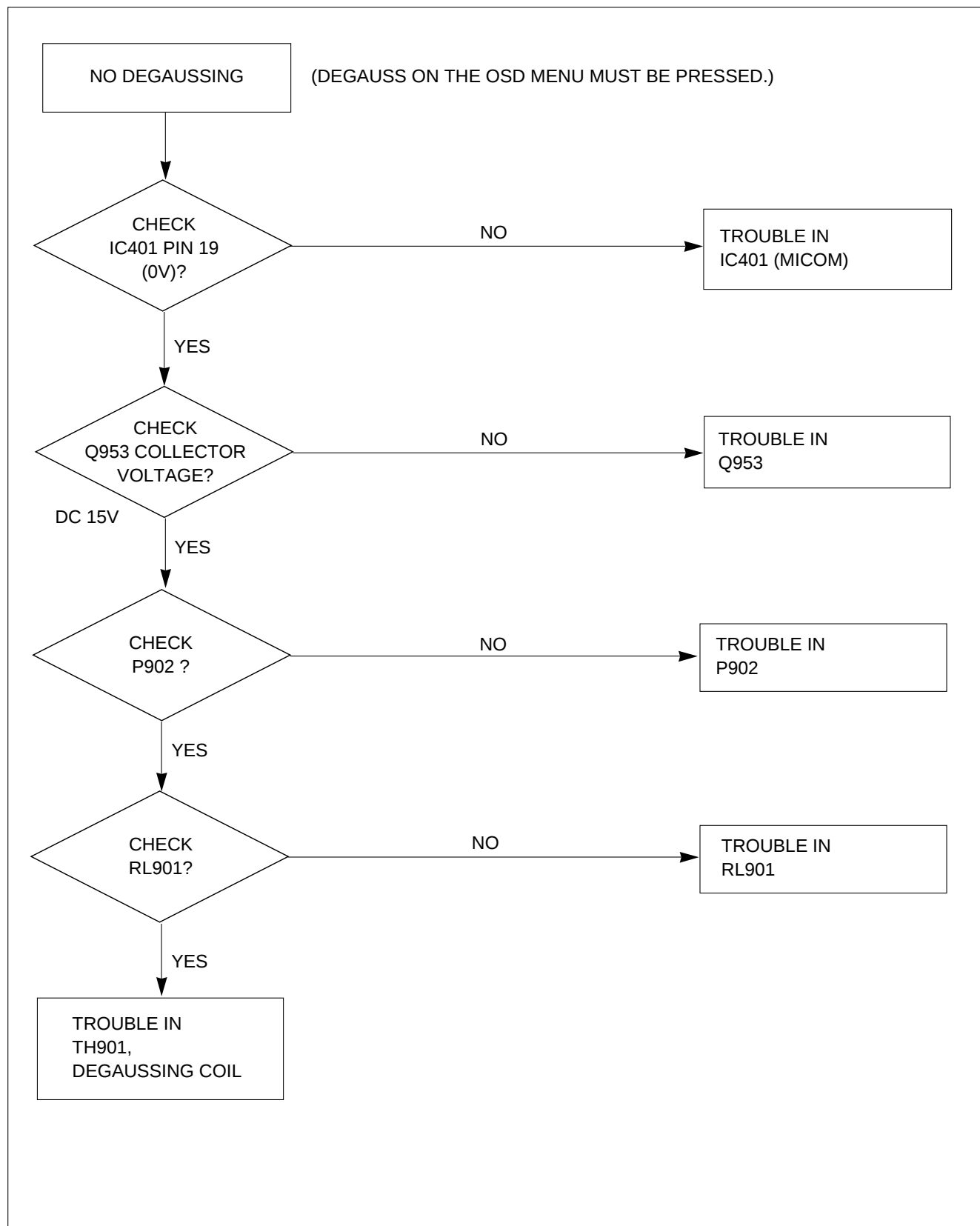
7. TROUBLE IN OSD



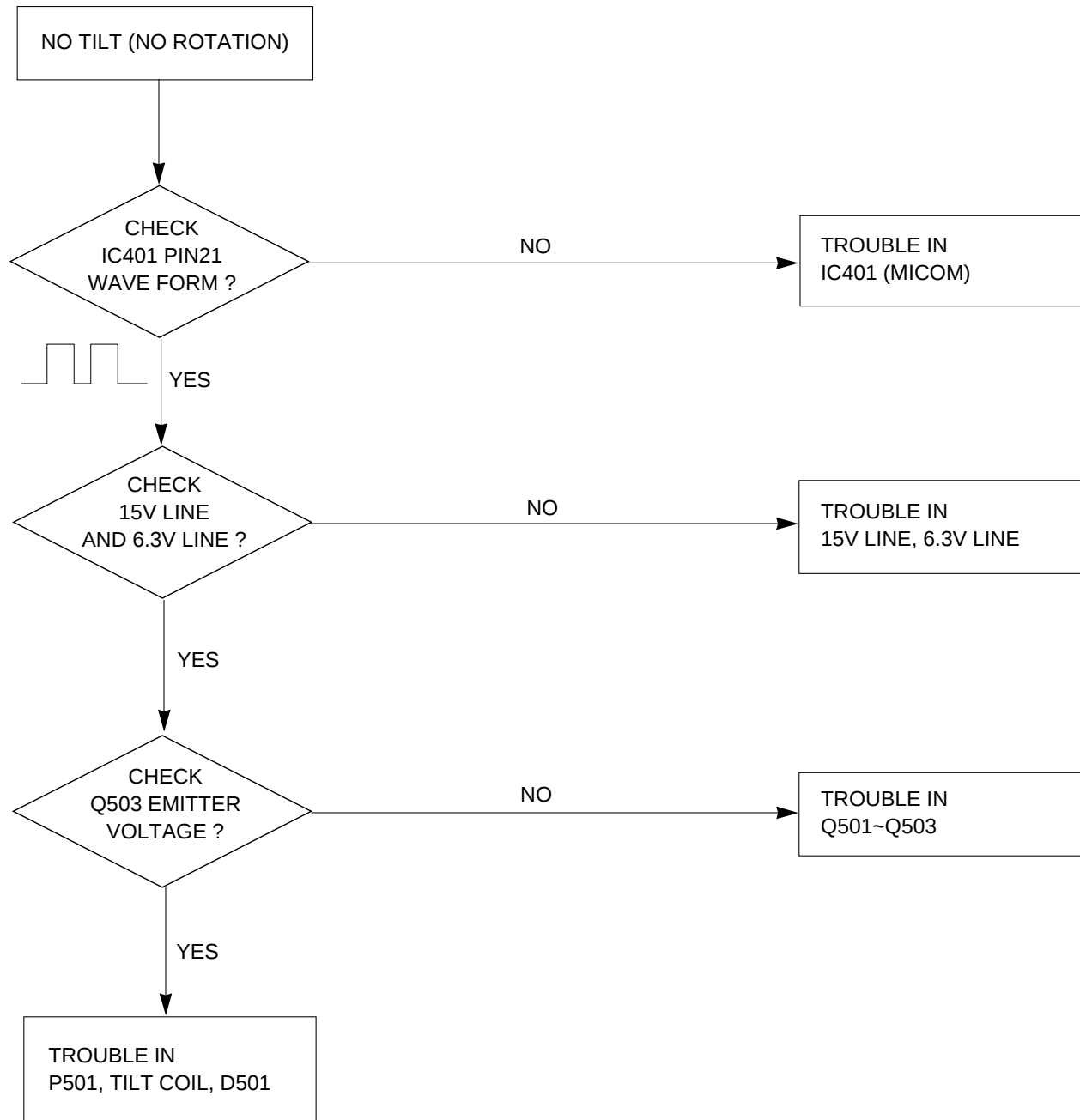
8. TROUBLE IN DPM



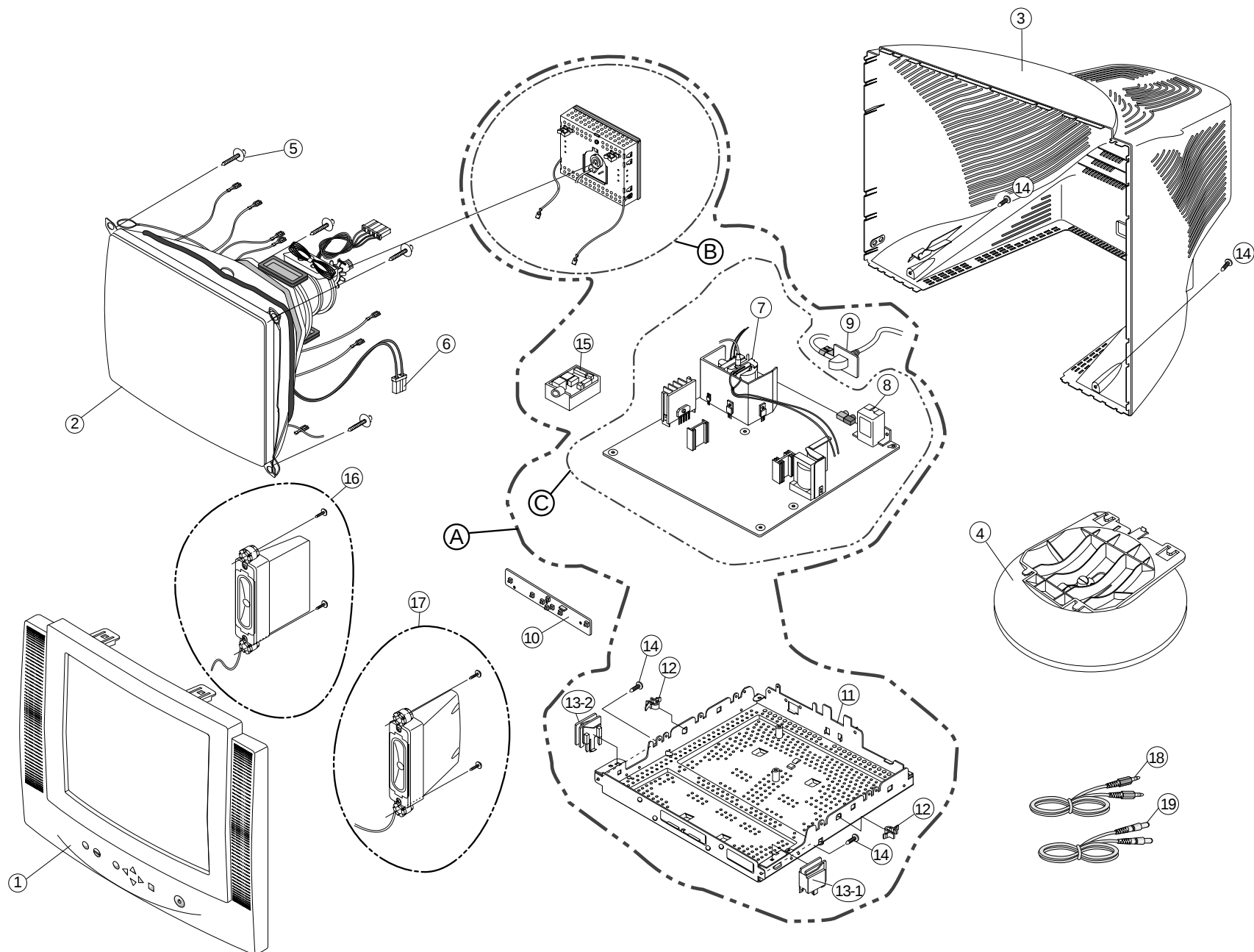
9. NO DEGAUSSING



10. NO TILT (NO ROTATION)



EXPLODED VIEW



EXPLODED VIEW PARTS LIST

Ref. No.	Part No.	Description
1	3091TKC076C	CABINET ASSEMBLY, MB700G BRAND C070 PC-ABS,700ME -(MB700G-EA)
	3091TKC076A	CABINET ASSEMBLY, MB700G BRAND C070 M/M -(MB700G-NA)
	3091TKC076E	CABINET ASSEMBLY, MB700G BRAND C070 ABS-LG RED -For Panama(MB700G-NA)
	3091TKC076G	CABINET ASSEMBLY, MB700G BRAND C070 ABS 85964 LG:RED SP -For Brazil(MB700G-NA)
2	6318L17006A	CDT(CIRC), M41LFQ803X 55NLU LG-PHILIPS 70KHZ 29.1MM FST GREEN -For Northern Hemisphere(MB700G-EA)
	6318L17005C	CDT(CIRC), M41LFQ803X 55SLAA LG-PHILIPS 70KHZ 29.1MM FST GREEN -For Southern Hemisphere(MB700G-NA)
	6318L17005A	CDT(CIRC), M41LFQ803X55NLAA LG-PHILIPS 70KHZ 29.1MM -For Northern Hemisphere(MB700G-NA)
	6318L17005B	CDT(CIRC), M41LFQ803X 55QLAA LG-PHILIPS 70KHZ 29.1MM FST GREEN -For Equatorial(MB700G-NA)
3	3809TKC043C	BACK COVER ASSEMBLY, MB700G C042 PC-ABS -(MB700G-EA)
	3809TKC043A	BACK COVER ASSEMBLY, MB700G C042 BRAND M/M -(MB700G-NA)
4	3043TKK063B	TILT SWIVEL ASSEMBLY, KCB773D . 60HR(85964)NT LOCAL -(MB700G-EA)
	3043TKK071B	TILT SWIVEL ASSY, KCB563C B046, T051 HIPS 85964 SP LOCAL -For Brazil(MB700G-NA)
5	339-002H	SCREW ASSY, PHP+5*20(FZMY)+GW18 NEW TYPE
6	6140TC3004A	COIL, DEGAUSSING, 1090MM 16.5OHM 0.4MM 110T 17" WITH EARTH
7	6174T11003E	FBT (FLY BACK TRANSFORMER), 1054A,CB777G LG-PHILIPS 17"
8	6200TJB001G	FILTER(CIRC), EMC, 02MD3P DELTA BK CB777F
9	6850TA9004A	CABLE, D-SUB, UL 2990-9C(7.5) AT 1560MM GLAY CB777G DM
10	6871TST283B	PWB(PCB) ASSEMBLY, SUB, MB700G CONTROL TOTAL BRAND LGENT -(MB700G-EA), (MB700G-NA)
	6871TST283C	PWB(PCB) ASSEMBLY, SUB, MB700G CONTROL TOTAL BRAND LGESP -For Brazil(MB700G-NA)
11	4950TKS155J	METAL, SHIELD BOTTOM PEMNUT 2EA MB700G -(MB700G-EA), (MB700G-NA)
	4950TKS155H	METAL, SHIELD BOTTOM MB700G -For Brazil(MB700G-NA)
12	4930TKK031C	HOLDER, PCB FIX , PC+ABS
13-1	4810TKK153A	BRACKET, CB773D SUPPORTER CDT
13-2	4810TKK154A	BRACKET, CB773D SUPPORTER CDT(L)
14	332-102F	SCREW, PTP+4*20BP(MSWR/FZMY)
15	6871TST185C	PWB(PCB) ASSEMBLY, SUB, MB700G HEADPHONE TOTAL BRAND LGENT -(MB700G-EA), (MB700G-NA)
	6871TST185D	PWB(PCB) ASSEMBLY, SUB, MB700G HEADPHONE TOTAL BRAND LGESP -For Brazil(MB700G-NA)
16	6401TZZ013C	SPEAKER ASSY, KMB776B/CM550 1W,PC+ABS COVER(L)
17	6401TZZ013D	SPEAKER ASSY, KMB776B/CM550 1W,PC+ABS COVER(R)
18	6852TAZ006F	CORD, A/V, A/V DH-1560SP-BL UL 2851 #28 1560MM GRAY(85964)
19	6852TAZ006K	CORD, A/V, A/V KHC-ST-3-0001 UL 2851 #28-2C 1560MM GRAY(85964)
A	3313T17253C	MAIN TOTAL ASSEMBLY, MB700G BRAND CA-018 -(MB700G-EA), (MB700G-NA)
	3313T17253F	MAIN TOTAL ASSEMBLY, MB700G BRAND CA-108 -For Brazil(MB700G-NA)
B	6871TVT281C	PWB(PCB) ASSEMBLY, VIDEO, MB700G VIDEO TOTAL BRAND LGENT -(MB700G-EA), (MB700G-NA)
	6871TVT281E	PWB(PCB) ASSEMBLY, VIDEO, MB700G VIDEO TOTAL BRAND LGESP -For Brazil(MB700G-NA)
C	6871TMT286C	PWB(PCB) ASSEMBLY, MAIN, MB700G KXLGET BRAND CA-108 TOTAL -(MB700G-EA), (MB700G-NA)
	6871TMT286F	PWB(PCB) ASSEMBLY, MAIN, MB700G KLBRMS BRAND CA-108 TOTAL -For Brazil(MB700G-NA)

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

DATE: 2002. 04. 08.				
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
CAPACITORS				
		C1	0CK1030K945	0.01UF 50V Z F TR
		C2	0CK1030K945	0.01UF 50V Z F TR
		C3	0CE474CK638	0.47UF SHL,SD 50V M FM5 TP 5
		C4	0CE474CK638	0.47UF SHL,SD 50V M FM5 TP 5
		C5	0CZZTFT001F	ECQB1H332JM3 332J 50V TP5.0
		C6	0CE475CK638	4.7UF SHL,SD 50V M FM5 TP 5
		C7	0CE107CF638	100UF SHL,SD 16V M FM5 TP 5
		C8	0CZZTFT001F	ECQB1H332JM3 332J 50V TP5.0
		C9	0CZZTFT002B	ECQV1H154JZ3 154J 50V TP5.0
		C10	0CZZTFT002F	ECQV1H334JZ3 334J 50V TP5.0
		C11	0CZZTFT002B	ECQV1H154JZ3 154J 50V TP5.0
		C12	0CZZTFT002F	ECQV1H334JZ3 334J 50V TP5.0
		C20	0CE2266H618	22M SMS 25V M FM5 TP(5)
		C21	0CZZTFT001Z	ECQB1H104JM3 104J 50V TP5.0
		C22	0CZZTFT001Z	ECQB1H104JM3 104J 50V TP5.0
		C23	0CE108CF618	1000UF SHL 16V M FL TP5
		C24	0CE108CF618	1000UF SHL 16V M FL TP5
		C25	0CE2266H618	22M SMS 25V M FM5 TP(5)
		C26	0CE108CH618	1000UF SHL 25V M FL TP5
		C27	0CE2266H618	22M SMS 25V M FM5 TP(5)
		C28	0CE107CF638	100UF SHL,SD 16V M FM5 TP 5
		C29	0CE2256F618	2.2U SMS 16V M FM5 TP5
		C30	0CE2256F618	2.2U SMS 16V M FM5 TP5
		C201	0CN1040K949	0.1M 50V Z F TA52
		C301	181-288N	MKT 100V 103JTR PHS86103
		C302	0CE107CF638	100UF SHL,SD 16V M FM5 TP 5
		C303	181-288B	MKT 100V 104JTR PHS26104
		C304	0CC2700K405	27P 50V J SL TP
		C305	0CE107CF638	100UF SHL,SD 16V M FM5 TP 5
		C306	181-288N	MKT 100V 103JTR PHS86103
		C308	0CK1040K945	0.1UF 50V Z F TR
		C309	0CK1040K945	0.1UF 50V Z F TR
		C311	0CN1040K949	0.1M 50V Z F TA52
		C312	0CN1040K949	0.1M 50V Z F TA52
		C313	0CN1040K949	0.1M 50V Z F TA52
		C314	0CC4700W405	47PF 500V J SL TP
		C315	0CE107CF638	100UF SHL,SD 16V M FM5 TP 5
		C317	0CN1040K949	0.1M 50V Z F TA52
		C318	0CN1040K949	0.1M 50V Z F TA52
		C319	0CN1040K949	0.1M 50V Z F TA52
		C320	0CK1040K945	0.1UF 50V Z F TR
		C321	0CE475CK638	4.7UF SHL,SD 50V M FM5 TP 5
		C322	0CE476CN618	47UF SHL 100V M FL TP5
		C323	0CE107CF638	100UF SHL,SD 16V M FM5 TP 5
		C324	181-288B	MKT 100V 104JTR PHS26104
		C325	181-288E	MKT 100V 474JTR PHS 26474
		C327	181-288B	MKT 100V 104JTR PHS26104
		C328	0CE106CN638	10UF SHL,SD 100V M FM5 TP 5
		C329	181-288B	MKT 100V 104JTR PHS26104
		C330	181-288B	MKT 100V 104JTR PHS26104
		C331	181-288E	MKT 100V 474JTR PHS 26474
		C332	181-288E	MKT 100V 474JTR PHS 26474
		C333	181-288E	MKT 100V 474JTR PHS 26474

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*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		C334	181-288B	MKT 100V 104JTR PHS26104
		C335	181-288B	MKT 100V 104JTR PHS26104
		C336	0CK1040K945	0.1UF 50V Z F TR
		C339	0CK4710W515	470P 500V K B TS
		C340	181-288B	MKT 100V 104JTR PHS26104
		C341	0CK10301945	10000PF D 1KV Z F(Y5V) TR
		C342	0CE106CF638	10UF SHL,SD 16V M FM5 TP 5
		C343	0CK1040K945	0.1UF 50V Z F TR
		C346	0CK10201515	1000P 1KV K B TS
		C351	0CC1500K415	15P 50V J NP0 TP
		C352	0CC1500K415	15P 50V J NP0 TP
		C353	0CC1500K415	15P 50V J NP0 TP
		C354	0CC0400K115	4P 50V D NP0 TS
		C355	0CC0400K115	4P 50V D NP0 TS
		C356	0CC0400K115	4P 50V D NP0 TS
		C372	181-288E	MKT 100V 474JTR PHS 26474
		C401	0CZZTFT001Z	ECQB1H104JM3 104J 50V TP5.0
		C402	0CC1800K415	18P 50V J NPO TP
		C403	0CC1800K415	18P 50V J NPO TP
		C404	0CK1010K515	100PF 50V K B TR
		C405	0CE476CF638	47UF SHL,SD 16V M FM5 TP 5
		C406	0CK1010K515	100PF 50V K B TR
		C407	0CZZTFT001Z	ECQB1H104JM3 104J 50V TP5.0
		C408	0CK2710K515	270P 50V K B TS
		C409	0CK1040K945	0.1UF 50V Z F TR
		C410	0CK1010K515	100PF 50V K B TR
		C411	0CK1010K515	100PF 50V K B TR
		C412	0CK1040K945	0.1UF 50V Z F TR
		C414	0CK1040K945	0.1UF 50V Z F TR
		C416	0CK1040K945	0.1UF 50V Z F TR
		C501	0CK1040K945	0.1UF 50V Z F TR
		C502	0CE106CF638	10UF SHL,SD 16V M FM5 TP 5
		C503	0CK3310K515	330P 50V K B TS
		C540	0CE226CK638	22UF SHL,SD 50V M FM5 TP 5
		C601	0CE477CH618	470UF SHL 25V M FL TP5
		C602	181-288W	MKT 100V 124JTR PHS26124
		C603	0CE476CK638	47UF SHL,SD 50V M FM5 TP 5
		C604	0CQ1831N419	0.018UF 100V J PE NI TP
		C606	0CN1040K949	0.1M 50V Z F TA52
		C632	0CK1020W515	1000P 500V K B TS
		C701	0CQ5621N419	5600P 100V J POLY NI TP
		C702	0CZZTFT001M	ECQB1H103JM3 103J 50V TP5.0
		C703	0CZZTFT001Z	ECQB1H104JM3 104J 50V TP5.0
		C704	0CQ8221N519	0.0082U 100V K POLY NI TP
		C705	0CE476CF638	47UF SHL,SD 16V M FM5 TP 5
		C706	0CZZTFT001Z	ECQB1H104JM3 104J 50V TP5.0
		C707	0CZZTFT002B	ECQV1H154JZ3 154J 50V TP5.0
		C708	0CE227CH638	220UF SHL,SD 25V M FM5 TP 5
		C709	0CZZTFT001P	ECQB1H153JM3 153J 50V TP5.0
		C710	0CE475CK638	4.7UF SHL,SD 50V M FM5 TP 5
		C711	0CZZTFT001J	ECQB1H562JM3 562J 50V TP5.0
		C712	0CK1040K945	0.1UF 50V Z F TR
		C713	0CK2210K515	220P 50V K B TS
		C714	0CE107CF638	100UF SHL,SD 16V M FM5 TP 5

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*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		C715	0CZZTFT001M	ECQB1H103JM3 103J 50V TP5.0
		C716	0CK2710K515	270P 50V K B TS
		C717	0CE105CN638	1UF SHL,SD 100V M FM5 TP 5
		C718	181-288D	MKT 100V 473JTR PHS26473
		C719	0CZZTAB001A	SM-BP(P)/BP 10UF 50V 13*25 B
		C720	0CK2710W515	270P 500V K B TS
		C721	181-477N	103J 19.5*12.0*7.0*7.5 250V
		C722	181-303R	304J 31.0*21.0*13.0*20.0 250
		C723	181-305L	684J 26.0*19.0*12.5*15.0 250
		C724	0CK1040K945	0.1UF 50V Z F TR
		C725	0CQ1041N409	0.1000UF 100V J PE TP
		C726	181-305H	394J 19.0*19.0*12.0*10.0 250
		C727	0CK1040K945	0.1UF 50V Z F TR
		C728	0CZZTFT001J	ECQB1H562JM3 562J 50V TP5.0
		C729	181-482C	154J 18.0*14.0*8.0*7.5 250V
		C730	0CK1040K945	0.1UF 50V Z F TR
△		C731	0CBZTBU004H	5600PF D 2.5KV H M/PP NI FM2
		C732	0CQ1031N419	0.01U 100V J POLY NI TP
		C733	0CBZTBU003H	362J 20.0*12.0*7.0*10.0 800V
		C734	0CK1510W515	150PF 500V K B TR
		C735	0CN2210K519	220P 50V K B TA52
		C736	0CQ2721N419	2700PF 100V J PE NI TP
		C737	0CK10102515	100PF 2KV K B TR
		C738	0CE106CK638	10UF SHL,SD 50V M FM5 TP 5
		C739	0CE226CN638	22UF SHL,SD 100V M FM5 TP 5
		C740	0CE227EL630	220UF KMG 63V M FM5 BULK
		C741	0CZZTFT002B	ECQV1H154JZ3 154J 50V TP5.0
		C742	0CZZTFT001R	ECQB1H223JM3 223J 50V TP5.0
		C743	0CK3310W515	330P 500V K B TS
		C744	0CE107EP630	100UF KMG 160V M FM5 BULK
		C745	0CK10301945	10000PF D 1KV Z F(Y5V) TR
		C746	0CK33101515	330P 1KV K B TS
		C748	0CZZTFT001Y	ECQB1H823JM3 823J 50V TP5.0
		C749	0CE2256R638	2.2000UF SMS 250V M FM5 TP5
		C751	181-288B	MKT 100V 104JTR PHS26104
		C752	0CQ4721N419	0.0047U 100V J POLY NI TP5
		C754	0CC4700W405	47PF 500V J SL TP
		C756	0CK1040K945	0.1UF 50V Z F TR
		C757	0CK1040K945	0.1UF 50V Z F TR
		C758	0CK3320W515	3300P 500V K B TS
		C767	0CE105CV638	1UF SHL,SD 450V 20% TP 5 FM5
		C780	0CK5610W515	560P 500V K B TS
		C792	0CK1040K945	0.1UF 50V Z F TR
		C800	0CN1040K949	0.1M 50V Z F TA52
		C802	0CN2220K519	2200PF 50V K B TA52
		C803	0CE1066F618	10UF SMS 16V M FL TP5
		C805	0CE106CK638	10UF SHL,SD 50V M FM5 TP 5
		C810	0CE106CK638	10UF SHL,SD 50V M FM5 TP 5
		C903	0CKZTTA003C	SC E 472M 14.0FF7 250V TP7.5
		C903	0CKZTTA003C	SC E 472M 14.0FF7 250V TP7.5
		C906	0CK1010W515	100P 500V K B TS
		C908	181-124R	220UF SMG(25.4*40) 400V M VN
		C909	181-479R	183J 19.5*12.0*17.0*7.5 400V
		C910	0CK33101515	330P 1KV K B TS
		C913	0CE476EK638	47UF KMG 50V M FM5 TP 5
		C914	0CZZTFT001P	ECQB1H153JM3 153J 50V TP5.0
		C915	0CK6810K515	680P 50V K B TS
		C917	0CK1020K515	1000PF 50V K B TR
		C918	0CK1040K945	0.1UF 50V Z F TR
		C920	0CK3310W515	330P 500V K B TS
		C933	181-288Q	MKT 100V 154JTR PHS26154
		C934	0CK6810W515	680P 500V K B TS

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*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		C941	0CE108EF618	1000UF KMG 16V M FL TP 5
		C942	0CE107CF638	100UF SHL,SD 16V M FM5 TP 5
		C943	0CK4710W515	470P 500V K B TS
		C944	0CKZTTA003C	SC E 472M 14.0FF7 250V TP7.5
		C944	0CKZTTA003C	SC E 472M 14.0FF7 250V TP7.5
		C945	0CKZTTA003C	SC E 472M 14.0FF7 250V TP7.5
		C945	0CKZTTA003C	SC E 472M 14.0FF7 250V TP7.5
		C950	0CE108ED618	1000UF KMG 10V M FL TP 5
		C951	0CE228EH630	2200UF KMG 25V M FM5 BULK
		C952	0CE227CH638	220UF SHL,SD 25V M FM5 TP 5
		C953	0CE108CD618	1000UF SHL 10V M FL TP5
		C954	0CE108CH630	1000UF SHL 25V M FM5 BULK
		C956	181-288B	MKT 100V 104JTR PHS26104
		C957	0CK1010W515	100P 500V K B TS
		C961	0CE227EL630	220UF KMG 63V M FM5 BULK
		C971	0CE476EN618	47UF KMG 100V M FL TP 5
DIODEs				
		D1	0DZ100009BE	MTZJ10B TP ROHM-K DO34 500MW
		D201	0DLTX0039AA	TIANXING TL-50194-5W-C-TA(TI
		D301	0DS141489AB	1N4148 TP GRANDE DO-34 500MW
		D302	0DS141489AB	1N4148 TP GRANDE DO-34 500MW
		D303	0DS141489AB	1N4148 TP GRANDE DO-34 500MW
		D304	0DS141489AB	1N4148 TP GRANDE DO-34 500MW
		D305	0DS141489AB	1N4148 TP GRANDE DO-34 500MW
		D306	0DS141489AB	1N4148 TP GRANDE DO-34 500MW
		D307	0DS124409AA	1SS244 TP ROHM KOREA
		D308	0DS124409AA	1SS244 TP ROHM KOREA
		D309	0DS124409AA	1SS244 TP ROHM KOREA
		D310	0DS124409AA	1SS244 TP ROHM KOREA
		D311	0DS124409AA	1SS244 TP ROHM KOREA
		D312	0DS124409AA	1SS244 TP ROHM KOREA
		D313	0DS141489AB	1N4148 TP GRANDE DO-34 500MW
		D314	0DS141489AB	1N4148 TP GRANDE DO-34 500MW
		D315	0DS141489AB	1N4148 TP GRANDE DO-34 500MW
		D402	0DS141489AB	1N4148 TP GRANDE DO-34 500MW
		D501	0DS141489AB	1N4148 TP GRANDE DO-34 500MW
		D502	0DS141489AB	1N4148 TP GRANDE DO-34 500MW
		D513	971-0016	TIN HDC 0.60H
		D701	0DS141489AB	1N4148 TP GRANDE DO-34 500MW
		D702	0DS141489AB	1N4148 TP GRANDE DO-34 500MW
		D704	0DR150051AA	DMV1500M/F5 ST SGS-THOMSON T
		D705	0DR140059DA	1N4005TB52 TP LITEON DO41 60
		D706	0DR359150AA	BY359F-1500 BK PHILIPS SOD
		D708	0DS141489AB	1N4148 TP GRANDE DO-34 500MW
		D709	0DS141489AB	1N4148 TP GRANDE DO-34 500MW
		D710	0DR320400AA	S3L20U-4004P15 BK SHINDENGEN
		D711	0DS141489AB	1N4148 TP GRANDE DO-34 500MW
		D712	0DR100009CA	RGP10G TP GULF SEMICONDUCTOR
		D716	0DR140059DA	1N4005TB52 TP LITEON DO41 60
		D717	0DR140059DA	1N4005TB52 TP LITEON DO41 60
		D718	0DR140059DA	1N4005TB52 TP LITEON DO41 60
		D719	0DR100009DA	RGP10J TP GULF SEMICONDUCTOR
		D720	0DS141489AB	1N4148 TP GRANDE DO-34 500MW
		D721	0DR100009CA	RGP10G TP GULF SEMICONDUCTOR
		D722	0DS141489AB	1N4148 TP GRANDE DO-34 500MW
		D723	0DS141489AB	1N4148 TP GRANDE DO-34 500MW
		D724	0DR140059DA	1N4005TB52 TP LITEON DO41 60
		D725	0DS141489AB	1N4148 TP GRANDE DO-34 500MW
		D732	0DR140059DA	1N4005TB52 TP LITEON DO41 60
		D734	0DS141489AB	1N4148 TP GRANDE DO-34 500MW

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*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		D743	0DS141489AB	1N4148 TP GRANDE DO-34 500MW
		D767	0DR100009DA	RGP10J TP GULF SEMICONDUCTOR
		D900	0DD360000DA	D3SBA60 BK SHINDENGEN 600V
		D901	0DD200009AJ	RL2Z V(1) TP SANKEN A-TMD 2
		D905	0DD400709CB	UF4007 TP G.I DO204AL 1000V
		D906	0DR100009CA	RGP10G TP GULF SEMICONDUCTOR
		D908	0DS141489AB	1N4148 TP GRANDE DO-34 500MW
		D909	0DR153979AA	1N5397GP TP G.I DO201AD 600V
		D910	0DS141489AB	1N4148 TP GRANDE DO-34 500MW
		D911	0DS141489AB	1N4148 TP GRANDE DO-34 500MW
		D941	0DD200009BA	EGP20D TP G.I DO204AC 200V
		D942	0DD200009AJ	RL2Z V(1) TP SANKEN A-TMD 2
		D951	0DRGS00110A	UF5403L-5700 GENERAL SEMICON
		D952	0DS141489AB	1N4148 TP GRANDE DO-34 500MW
		D953	6210TCE003L	BAS3580T BO SUNG 3580MM AXIA
		D961	0DRGS00090A	31GF6L-5701 GENERAL SEMICOND
		D971	0DR100009DA	RGP10J TP GULF SEMICONDUCTOR
		D973	0DS141489AB	1N4148 TP GRANDE DO-34 500MW
		ZD1	0DZ560009AG	GDZJ5.6B TP GRANDE DO-34 500
		ZD201	0DZ560009AG	GDZJ5.6B TP GRANDE DO-34 500
		ZD202	0DZ560009AG	GDZJ5.6B TP GRANDE DO-34 500
		ZD203	0DZ560009AG	GDZJ5.6B TP GRANDE DO-34 500
		ZD301	0DZ560009AG	GDZJ5.6B TP GRANDE DO-34 500
		ZD302	0DZ560009AG	GDZJ5.6B TP GRANDE DO-34 500
		ZD401	0DZ560009AG	GDZJ5.6B TP GRANDE DO-34 500
		ZD402	0DZ560009AG	GDZJ5.6B TP GRANDE DO-34 500
		ZD403	0DZ560009AG	GDZJ5.6B TP GRANDE DO-34 500
		ZD404	0DZ560009AG	GDZJ5.6B TP GRANDE DO-34 500
		ZD405	0DZ560009AG	GDZJ5.6B TP GRANDE DO-34 500
		ZD406	0DZ560009AG	GDZJ5.6B TP GRANDE DO-34 500
		ZD407	0DZ560009AG	GDZJ5.6B TP GRANDE DO-34 500
		ZD408	0DZ560009AG	GDZJ5.6B TP GRANDE DO-34 500
		ZD410	0DZ560009AG	GDZJ5.6B TP GRANDE DO-34 500
		ZD411	0DZ560009AG	GDZJ5.6B TP GRANDE DO-34 500
		ZD412	0DZ560009AG	GDZJ5.6B TP GRANDE DO-34 500
		ZD501	0DZ510009BE	GDZ5.1B TP GRANDE DO34 500MW
		ZD502	0RD4702Q609	47K 1/4W(3 5% TA52
		ZD701	0DZ110009CF	GDZJ11B TP GRANDE DO34 0.5W
		ZD703	0DZ510009BE	GDZ5.1B TP GRANDE DO34 500MW
		ZD704	0DZ560009AG	GDZJ5.6B TP GRANDE DO-34 500
		ZD800	0DZ360009AA	MTZ3.6B TP ROHM-K DO34 500MW
		ZD901	0DZ240009BJ	GDZJ24B TP GRANDE DO34 500MW
		ZD902	0DZ510009BE	GDZ5.1B TP GRANDE DO34 500MW
ICs				
		IC1	0ISG744900B	TDA7449 20DIP ST TONE CONT.
		IC2	0IPRPKE001A	KIA 6240K KEC SSIP-10 BK AUD
		IC301	0IPRPMJ008A	MTV038N-15EG MYSON 16P DIP S
		IC302	0IPRPNS003A	LM1269NA NATIONAL SEMICONDUCT
		IC303	0IPRPNS004A	LM2467TA NATIONAL SEMICONDUCT
		IC304	0IPRPNS005A	LM2480NA NATIONAL SEMICONDUCT
		IC401	0IZZTS167A	MB700G 42PIN BK OTP MULTI ME
		IC402	0ISS524808B	S524A60X81(DCB0) SAMSUNG ELE
		IC403	0IKE704200H	KIA7042AP TO-92 TP 4.2 VOLT
		IC601	0IPH486600C	TDA4866J 9P ST VERTICAL OUTP
		IC701	0IPRPPH008A	TDA4857PS(V2) PHILIPS SDIP32
		IC901	0ISS384200A	KA3842B (PWM)
		IC903	0ISS431000A	KA431AZ (LM431AZ)
COILs & COREs				
		FB1	6210TCE003H	BAS3510T BO SUNG 3510MM AXIA

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		FB2	6210TCE003H	BAS3510T BO SUNG 3510MM AXIA
		FB4	6210TCE003K	BAS3550T BO SUNG 3550MM AXIA
		FB3	6210TCE003K	BAS3550T BO SUNG 3550MM AXIA
		FB201	6210TCE003J	BAS2550T BO SUNG 2550MM AXIA
		FB301	6210TCE003F	BRD3580B BO SUNG 3580MM RADI
		FB303	6210TCE003J	BAS2550T BO SUNG 2550MM AXIA
		FB304	6210TCE003G	BRS3550B BO SUNG 3550MM RADI
		FB305	6210TCE003G	BRS3550B BO SUNG 3550MM RADI
		FB307	971-0016	TIN HDC 0.60H
		FB309	6210TCE003J	BAS2550T BO SUNG 2550MM AXIA
		FB310	6210TCE003A	BRD3510B BO SUNG 3510MM RADI
		FB311	6210TCZ001J	BAS3550T(125-022J) BO SUNG
		FB312	6210TCZ001J	BAS3550T(125-022J) BO SUNG
		FB313	6210TCZ001J	BAS3550T(125-022J) BO SUNG
		FB321	6210TCE003J	BAS2550T BO SUNG 2550MM AXIA
		FB402	6210TCE003J	BAS2550T BO SUNG 2550MM AXIA
		FB403	6210TCE003J	BAS2550T BO SUNG 2550MM AXIA
		FB404	6210TCE003J	BAS2550T BO SUNG 2550MM AXIA
		FB501	6210TCE003J	BAS2550T BO SUNG 2550MM AXIA
		FB502	6210TCE003J	BAS2550T BO SUNG 2550MM AXIA
		FB701	6210TCE003L	BAS3580T BO SUNG 3580MM AXIA
		FB702	6210TCZ001J	BAS3550T(125-022J) BO SUNG
		FB703	6210TCE003B	BRS3580B BO SUNG 3580MM RADI
		FB705	6210TCE003L	BAS3580T BO SUNG 3580MM AXIA
		FB901	6210TCE003A	BRD3510B BO SUNG 3510MM RADI
		FB902	6210TCE003F	BRD3580B BO SUNG 3580MM RADI
		FB904	6210TCE003P	BRS2550B BO SUNG 2550MM RADI
		L301	0LA0560K119	0.56UH K 2.3*3.4 TP
		L302	0LA0560K119	0.56UH K 2.3*3.4 TP
		L303	0LA0560K119	0.56UH K 2.3*3.4 TP
		L304	0LA1000K119	100UH K 2.3*3.4 TP
		L311	0LA0680K119	0.68UH K 2.3*3.4 TP
		L312	0LA0680K119	0.68UH K 2.3*3.4 TP
		L313	0LA0680K119	0.68UH K 2.3*3.4 TP
		L702	6140TBZ025C	DR14*20 150UH 0.12*25MM 51T
		L703	6140TYZ010A	DR14*15 14*5T 7.0UH
		L705	6140TBZ042B	- GET D/D CHOKE,100UH,MB700G
		L801	6210TCE003A	BRD3510B BO SUNG 3510MM RADI
		L802	6210TCE003A	BRD3510B BO SUNG 3510MM RADI
TRANSISTOR				
		Q1	0TR200009AB	KTC200-Y TP KEC TO92 NPN
		Q2	0TR319809AA	KTC3198-Y(KTC1815) TP KEC TO
		Q3	0TR564009AB	KSB564AC-YTA TP SANSUNG TO92
		Q501	0TR320209AA	KTC3202-Y(KTC1959) TP KEC TO
		Q502	0TR127009AA	KTA1270-Y(KTA562TM) TP KEC T
		Q503	0TR127009AA	KTA1270-Y(KTA562TM) TP KEC T
		Q504	0TR319809AA	KTC3198-Y(KTC1815) TP KEC TO
		Q512	0TR440009CA	KSP44 TP SAMSUNG
		Q704	0TR920009AB	KSP92 TP SAMSUNG TO92 HIGH V
		Q705	0TR200009AB	KTC200-Y TP KEC TO92 NPN
		Q706	0TR580301AA	FAIRCHILD KSC5803(TBTU) ST T
		Q707	0TR127009AA	KTA1270-Y(KTA562TM) TP KEC T
		Q708	0TR127009AA	KTA1270-Y(KTA562TM) TP KEC T
		Q709	0TR141300AB	KTD1413 BK KEC TO220I S NPN
		Q711	0TF630001BB	SGS-T(STM) IRF630MFP ST TO22
		Q712	0TF630001BB	SGS-T(STM) IRF630MFP ST TO22
		Q713	0TF630001BB	SGS-T(STM) IRF630MFP ST TO22
		Q714	0TR319809AA	KTC3198-Y(KTC1815) TP KEC TO
		Q715	0TR319809AA	KTC3198-Y(KTC1815) TP KEC TO
		Q716	0TR319809AA	KTC3198-Y(KTC1815) TP KEC TO

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		Q719	0TF630000CA	IRFS630A BK SAMSUNG 200V 6.5
		Q720	0TR390409CA	2N3904 TP SAMSUNG TO92 NPN
		Q722	0TR319809AA	KTC3198-Y(KTC1815) TP KEC TO
		Q723	0TR127009AA	KTA1270-Y(KTA562TM) TP KEC T
		Q901	0TFFN10005A	INFINEON SPA04N60C3 ST TO220
		Q903	0TRFC10003A	FAIRCHILD KSD882Y-S ST TO126
		Q941	0TR319809AA	KTC3198-Y(KTC1815) TP KEC TO
		Q942	0TR928009AB	KSA928A-Y TP SAMSUNG TO92L P
		Q951	0TR319809AA	KTC3198-Y(KTC1815) TP KEC TO
		Q952	0TR928009AB	KSA928A-Y TP SAMSUNG TO92L P
		Q953	0TR319809AA	KTC3198-Y(KTC1815) TP KEC TO
RESISTORS				
		R1	0RD2702Q609	27K 1/4W(3 5% TA52
		R2	0RD2702Q609	27K 1/4W(3 5% TA52
		R3	0RD1002Q609	10K 1/4W(3 5% TA52
		R4	0RD1002Q609	10K 1/4W(3 5% TA52
		R5	0RD2001Q609	2K 1/4W(3 5% TA52
		R6	0RD2001Q609	2K 1/4W(3 5% TA52
		R8	0RD2402Q609	24K 1/4W(3 5% TA52
		R9	0RD2402Q609	24K 1/4W(3 5% TA52
		R10	0RD4301Q609	4.30K 1/4W(3 5% TA52
		R11	0RD4301Q609	4.30K 1/4W(3 5% TA52
		R15	0RD1002Q609	10K 1/4W(3 5% TA52
		R16	0RD2202Q609	22K 1/4W(3 5% TA52
		R18	0RD1002Q609	10K 1/4W(3 5% TA52
		R20	0RD5600Q609	560 1/4W(3 5% TA52
		R22	0RD0101Q609	1 1/4W(3 5% TA52
		R23	0RD0101Q609	1 1/4W(3 5% TA52
		R30	0RD2200Q609	220 1/4W(3 5% TA52
		R31	0RD2200Q609	220 1/4W(3 5% TA52
		R32	0RN1301F409	1.30K 1/6W 1% TA52
		R33	0RN0182F409	18 OHM 1/6 W 1% TA52
		R35	0RN1301F409	1.30K 1/6W 1% TA52
		R36	0RN0182F409	18 OHM 1/6 W 1% TA52
		R201	0RD1001Q609	1K 1/4W(3 5% TA52
		R202	0RD0912Q609	91 OHM 1/4 W (3.4) 5% TA52
		R203	0RD2200Q609	220 1/4W(3 5% TA52
		R204	0RD4300Q609	430 OHM 1/4 W(3.4) 5.00% TA5
		R205	0RD1001Q609	1K 1/4W(3 5% TA52
		R206	0RD0912Q609	91 OHM 1/4 W (3.4) 5% TA52
		R207	0RD4300Q609	430 OHM 1/4 W(3.4) 5.00% TA5
		R208	0RD2200Q609	220 1/4W(3 5% TA52
		R209	0RD9100Q609	910 1/4W(3 5% TA52
		R210	0RD3300Q609	330 1/4W(3 5% TA52
		R211	0RD3300Q609	330 1/4W(3 5% TA52
		R212	0RD9100Q609	910 1/4W(3 5% TA52
		R301	0RD0752Q609	75 1/4W(3 5% TA52
		R302	0RD0752Q609	75 1/4W(3 5% TA52
		R303	0RD0752Q609	75 1/4W(3 5% TA52
		R304	0RN3301F409	3.30K 1/6W 1% TA52
		R305	0RD5601Q609	5.60K 1/4W(3 5% TA52
		R306	0RD5601Q609	5.60K 1/4W(3 5% TA52
		R307	0RD1004Q609	1M OHM 1/4 W (3.4) 5% TA52
		R308	0RD1001Q609	1K 1/4W(3 5% TA52
		R311	0RD1001Q609	1K 1/4W(3 5% TA52
		R312	0RD1002Q609	10K 1/4W(3 5% TA52
		R314	0RD1000Q609	100 1/4W(3 5% TA52
		R315	0RD1000Q609	100 1/4W(3 5% TA52
		R316	0RD1000Q609	100 1/4W(3 5% TA52
		R317	0RD1000Q609	100 1/4W(3 5% TA52

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		R318	0RD1001Q609	1K 1/4W(3 5% TA52
		R319	0RD4701Q609	4.70K 1/4W(3 5% TA52
		R320	0RD1001Q609	1K 1/4W(3 5% TA52
		R321	0RD2200Q609	220 1/4W(3 5% TA52
		R322	0RD2200Q609	220 1/4W(3 5% TA52
		R323	0RD2200Q609	220 1/4W(3 5% TA52
		R324	0RD2200Q609	220 1/4W(3 5% TA52
		R325	0RD1501Q609	1.50K 1/4W(3 5% TA52
		R326	0RD1001Q609	1K 1/4W(3 5% TA52
		R327	0RD1001Q609	1K 1/4W(3 5% TA52
		R328	0RD1001Q609	1K 1/4W(3 5% TA52
		R329	0RD1001Q609	1K 1/4W(3 5% TA52
		R330	0RD1000Q609	100 1/4W(3 5% TA52
		R331	0RD1200Q609	120 1/4W(3 5% TA52
		R332	0RD1200Q609	120 1/4W(3 5% TA52
		R333	0RD1200Q609	120 1/4W(3 5% TA52
		R334	0RD3303Q609	330K 1/4W(3 5% TA52
		R335	0RD3303Q609	330K 1/4W(3 5% TA52
		R336	0RD3303Q609	330K 1/4W(3 5% TA52
		R337	0RD1000A609	100 OHM 1/2 W (7.0) 5% TA52
		R340	0RN1002F409	10K 1/6W 1 TA52
		R341	0RD0332A609	33 OHM 1/2 W (7.0) 5% TA52
		R342	0RD0332A609	33 OHM 1/2 W (7.0) 5% TA52
		R343	0RD0332A609	33 OHM 1/2 W (7.0) 5% TA52
		R344	0RD0332Q609	33 1/4W(3 5% TA52
		R345	0RD0332Q609	33 1/4W(3 5% TA52
		R346	0RD0332Q609	33 1/4W(3 5% TA52
		R347	0RD1500Q609	150 1/4W(3 5% TA52
		R348	0RD0752Q609	75 1/4W(3 5% TA52
		R349	0RD1101Q609	1.1K OHM 1/4 W (3.4) 5% TA52
		R388	971-0016	TIN HDC 0.60H
		R389	971-0016	TIN HDC 0.60H
		R390	971-0016	TIN HDC 0.60H
		R401	0RD1000Q609	100 1/4W(3 5% TA52
		R402	0RD1000Q609	100 1/4W(3 5% TA52
		R403	0RD0332Q609	33 1/4W(3 5% TA52
		R404	0RD1000Q609	100 1/4W(3 5% TA52
		R405	0RD1000Q609	100 1/4W(3 5% TA52
		R406	0RD4701Q609	4.70K 1/4W(3 5% TA52
		R408	0RD4701Q609	4.70K 1/4W(3 5% TA52
		R409	0RD1801Q609	1.80K 1/4W(3 5% TA52
		R410	0RD1801Q609	1.80K 1/4W(3 5% TA52
		R411	0RD1002Q609	10K 1/4W(3 5% TA52
		R412	0RN1001F409	1K 1/6W 1% TA52
		R413	0RD1000Q609	100 1/4W(3 5% TA52
		R414	0RD1000Q609	100 1/4W(3 5% TA52
		R415	0RD1002Q609	10K 1/4W(3 5% TA52
		R416	0RD1000Q609	100 1/4W(3 5% TA52
		R417	0RD3302Q609	33K 1/4W(3 5% TA52
		R418	0RD1004Q609	1M OHM 1/4 W (3.4) 5% TA52
		R419	0RN3901F409	3.90K 1/6W 1% TA52
		R420	0RD2001Q609	2K 1/4W(3 5% TA52
		R421	0RD1000Q609	100 1/4W(3 5% TA52
		R423	0RD2001Q609	2K 1/4W(3 5% TA52
		R424	0RD1001Q609	1K 1/4W(3 5% TA52
		R425	0RD4701Q609	4.70K 1/4W(3 5% TA52
		R426	0RD2001Q609	2K 1/4W(3 5% TA52
		R427	0RD2001Q609	2K 1/4W(3 5% TA52
		R430	0RD1000Q609	100 1/4W(3 5% TA52
		R432	0RD1000Q609	100 1/4W(3 5% TA52
		R451	0RD2201Q609	2.20K 1/4W(3 5% TA52
		R452	0RD1002Q609	10K 1/4W(3 5% TA52

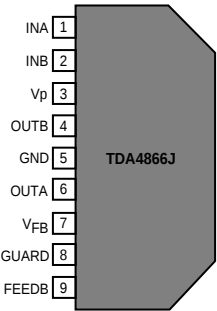
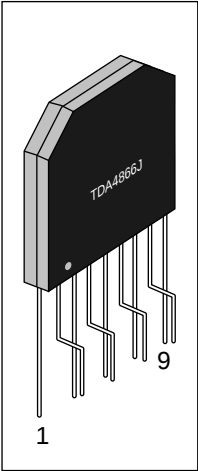
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*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		R501	ORD0471A609	4.7 OHM 1/2 W (7.0) 5% TA52
		R502	ORD0202A609	20 OHM 1/2 W (7.0) 5% TA52
		R503	ORD8201Q609	8.20K 1/4W(3 5% TA52
		R504	ORD2701Q509	2.7K OHM 1/4 W(3.4) 2% TA52
		R505	ORD2201Q609	2.20K 1/4W(3 5% TA52
		R506	ORD1001Q609	1K 1/4W(3 5% TA52
		R508	ORD1002Q609	10K 1/4W(3 5% TA52
		R523	ORD4701Q609	4.70K 1/4W(3 5% TA52
		R527	ORD1000Q609	100 1/4W(3 5% TA52
		R540	971-0016	TIN HDC 0.60H
		R601	ORD1001Q609	1K 1/4W(3 5% TA52
		R602	ORD1001Q609	1K 1/4W(3 5% TA52
		R603	ORN0390H609	0.39 1/2W 5 TA52
		R604	ORD0111A609	1.1 OHM 1/2 W (7.0) 5% TA52
		R605	ORD0102A609	10 OHM 1/2 W (7.0) 5% TA52
		R606	ORD1000A609	100 OHM 1/2 W (7.0) 5% TA52
		R607	ORN5101F409	5.10K 1/6W 1% TA52
		R608	ORD2200A609	220 OHM 1/2 W (7.0) 5% TA52
		R609	ORD0202Q609	20 1/4W(3 5% TA52
		R612	ORN5101F409	5.10K 1/6W 1% TA52
		R616	ORD1000Q609	100 1/4W(3 5% TA52
		R701	ORD1500A609	150 OHM 1/2 W (7.0) 5% TA52
		R702	ORD5601Q609	5.60K 1/4W(3 5% TA52
		R703	ORD6800A609	680 OHM 1/2 W (7.0) 5% TA52
▲		R704	ORD3601Q609	3.60K 1/4W(3 5% TA52
		R705	ORX0221K607	2.2 OHM 2 W 5% TA62
		R706	ORN2701F409	2.70K 1/6W 1% TA52
		R707	ORN3301F409	3.30K 1/6W 1% TA52
		R708	ORN1001F409	1K 1/6W 1% TA52
		R709	ORD2202Q609	22K 1/4W(3 5% TA52
		R710	ORD1000Q609	100 1/4W(3 5% TA52
		R711	ORD1000Q609	100 1/4W(3 5% TA52
		R712	ORD1001Q609	1K 1/4W(3 5% TA52
		R713	ORD1602Q609	16K 1/4W(3 5% TA52
▲		R714	ORN1501F409	1.5K 1/6W 1 TA52
▲		R715	ORD2702Q509	27K OHM 1/4 W(3.4) 2% TA52
		R716	ORD7502Q609	75K 1/4W(3 5% TA52
▲		R717	ORN6200F409	620 1/6W 1% TA52
		R718	ORD4701Q609	4.70K 1/4W(3 5% TA52
▲		R719	ORN3001F409	3K 1/6W 1% TA52
		R720	ORD2203Q609	220K 1/4W(3 5% TA52
		R721	ORD1001Q609	1K 1/4W(3 5% TA52
		R722	ORD1001A609	1K OHM 1/2 W (7.0) 5% TA52
		R723	ORD1001Q609	1K 1/4W(3 5% TA52
		R724	ORD1001Q609	1K 1/4W(3 5% TA52
		R726	ORD5102A609	51K OHM 1/2 W (7.0) 5% TA52
		R727	ORX0512K665	51 OHM 2 W 5% SF
		R728	ORD1001Q609	1K 1/4W(3 5% TA52
		R729	ORD1002Q609	10K 1/4W(3 5% TA52
		R730	ORD2000A609	200 OHM 1/2 W (7.0) 5% TA52
		R731	ORD1002Q609	10K 1/4W(3 5% TA52
		R732	ORD6802Q509	68K OHM 1/4 W (3.4) 2% TA52
		R734	ORD2001Q609	2K 1/4W(3 5% TA52
		R735	ORD1503A609	150K OHM 1/2 W (7.0) 5% TA52
		R736	ORX1501K665	1.5K OHM 2 W 5% SF
		R737	ORN0560H609	0.56 1/2W 5 TA52
		R738	ORN0560H609	0.56 1/2W 5 TA52
		R739	ORD3902Q609	39K 1/4W(3 5% TA52
		R740	ORD0271A609	2.7 OHM 1/2 W (7.0) 5% TA52
		R743	ORD1002Q609	10K 1/4W(3 5% TA52
		R745	ORD4702Q609	47K 1/4W(3 5% TA52
		R746	ORD2201Q609	2.20K 1/4W(3 5% TA52

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*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		R747	ORD3001Q609	3K 1/4W(3 5% TA52
		R748	ORD4702Q609	47K 1/4W(3 5% TA52
		R749	ORD2201Q609	2.20K 1/4W(3 5% TA52
		R750	ORD3001Q609	3K 1/4W(3 5% TA52
		R752	ORD2201Q609	2.20K 1/4W(3 5% TA52
		R753	ORD3001Q609	3K 1/4W(3 5% TA52
		R754	ORX4300K607	430 OHM 2 W 5% TA62
		R755	ORD0471Q609	4.70 1/4W(3 5% TA52
		R756	ORD2202A609	22K OHM 1/2 W (7.0) 5% TA52
		R757	ORD0222A609	22 OHM 1/2 W (7.0) 5% TA52
		R758	ORD1303Q509	130K OHM 1/4 W(3.4) 2% TA52
		R759	ORD1302Q509	13K OHM 1/4 W (3.4) 2% TA52
		R760	ORD5103Q609	510K 1/4W(3 5% TA52
		R761	ORD3001Q609	3K 1/4W(3 5% TA52
		R762	ORD3001Q609	3K 1/4W(3 5% TA52
		R763	ORD3001Q609	3K 1/4W(3 5% TA52
		R764	ORD6801Q609	6.80K 1/4W(3 5% TA52
		R766	ORD1001A609	1K OHM 1/2 W (7.0) 5% TA52
		R768	ORD8203A609	820K OHM 1/2 W (7.0) 5% TA52
		R769	ORX2700J609	270 OHM 1 W 5% TA52
		R770	ORD3301Q609	3.30K 1/4W(3 5% TA52
		R771	ORD2202A609	22K OHM 1/2 W (7.0) 5% TA52
		R773	ORD2202A609	22K OHM 1/2 W (7.0) 5% TA52
		R775	ORD1000Q609	100 1/4W(3 5% TA52
		R780	ORC1205Q609	12M OHM 1/4 W(3.4) 5% TA52
		R781	971-0016	TIN HDC 0.60H
		R782	ORD3301A609	3.3K OHM 1/2 W(7.0) 5.00% TA
		R793	ORD4702Q609	47K 1/4W(3 5% TA52
		R797	ORD1501Q609	1.50K 1/4W(3 5% TA52
		R798	971-0016	TIN HDC 0.60H
		R799	ORD1802Q609	18K 1/4W(3 5% TA52
		R800	ORD1501Q609	1.50K 1/4W(3 5% TA52
		R801	ORD1001Q609	1K 1/4W(3 5% TA52
		R802	ORD2400Q609	240 OHM 1/4 W (3.4) 5% TA52
		R803	ORD2001Q609	2K 1/4W(3 5% TA52
		R803	ORD2400Q609	240 OHM 1/4 W (3.4) 5% TA52
		R805	ORD2001Q609	2K 1/4W(3 5% TA52
		R806	ORD4702Q609	47K 1/4W(3 5% TA52
		R808	ORD6802Q509	68K OHM 1/4 W (3.4) 2% TA52
		R810	ORD1501Q609	1.50K 1/4W(3 5% TA52
		R811	ORD1802Q609	18K 1/4W(3 5% TA52
		R812	ORD1202Q609	12K 1/4W(3 5% TA52
		R813	ORD4302A609	43K OHM 1/2 W(7.0) 5.00% TA5
		R814	ORD1002Q609	10K 1/4W(3 5% TA52
		R815	ORMZTWD001G	RWR SMART 10HM 5 W 5% PD TYP
▲		R816	ORN3301F409	3.30K 1/6W 1% TA52
▲		R818	ORN6202F409	62KOHM 1/6 W 1% TA52
		R831	ORD1002Q609	10K 1/4W(3 5% TA52
		R902	180-465P	0.39 OHM 5W 5% B RWR
		R903	ORX3902K665	39K OHM 2 W 5% SF
		R906	ORD6200A609	620 OHM 1/2 W(7.0) 5.00% TA5
		R908	ORN0220J609	0.22 OHM 1 W 5.00% TA52
		R910	ORX4702J609	47K OHM 1 W 5% TA52
		R914	ORD0332Q609	33 1/4W(3 5% TA52
		R915	ORD1200Q609	120 1/4W(3 5% TA52
		R916	ORD1002Q609	10K 1/4W(3 5% TA52
		R917	ORD5603Q609	560K 1/4W(3 5% TA52
		R918	ORD1001Q609	1K 1/4W(3 5% TA52
		R919	ORD4702Q609	47K 1/4W(3 5% TA52
		R920	ORD4701Q609	4.70K 1/4W(3 5% TA52
		R921	ORN0330H609	0.33 1/2W 5 TA52
		R923	ORD1003Q609	100K 1/4W(3 5% TA52

				DATE: 2002. 04. 08.
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION
		R924	0RD5603Q609	560K 1/4W(3 5% TA52
		R925	0RN0330H609	0.33 1/2W 5 TA52
		R926	0RD5101Q609	5.10K 1/4W(3 5% TA52
		R927	0RD2002Q609	20K 1/4W(3 5% TA52
		R928	0RD1300Q609	130 1/4W(3 5% TA52
		R929	0RD0332Q609	33 1/4W(3 5% TA52
		R941	0RN0220H609	0.22 1/2W 5% TA52
		R943	0RD1002Q609	10K 1/4W(3 5% TA52
		R944	0RD4700A609	470 OHM 1/2 W (7.0) 5% TA52
		R945	0RD4701Q609	4.70K 1/4W(3 5% TA52
		R946	0RD0102A609	10 OHM 1/2 W (7.0) 5% TA52
		R948	0RN0910H509	0.91 1/2W 2 TA52
		R952	0RD1002Q609	10K 1/4W(3 5% TA52
		R953	0RX4700J609	470 OHM 1 W 5% TA52
		R954	0RD4701Q609	4.70K 1/4W(3 5% TA52
		R955	0RD1002Q609	10K 1/4W(3 5% TA52
		R957	0RD0472A609	47 OHM 1/2 W (7.0) 5% TA52
		R960	0RX2200J609	220 OHM 1 W 5% TA52
		R963	0RD5603A609	560K OHM 1/2 W (7.0) 5% TA52
		R985	0RD3902Q609	39K 1/4W(3 5% TA52
⚠		R986	0RN2202F409	22K 1/6W 1% TA52
⚠		R987	0RN5101F409	5.10K 1/6W 1% TA52
		R988	0RD1001Q609	1K 1/4W(3 5% TA52
		R989	0RD1501Q609	1.50K 1/4W(3 5% TA52
⚠		R990	0RN1301F409	1.30K 1/6W 1% TA52
		R992	0RD0471Q609	4.70 1/4W(3 5% TA52
OTHERs				
		F1	430-858C	AFC-520 BAE EUN TA
		F2	430-858C	AFC-520 BAE EUN TA
		F901	0FZZTTH001D	TIME LAG HBC 3.15A/250V,215
		JA1	6612F00001C	DJ-S360LB KSD STERO R/A LIGH
		JA2	6612F00001A	DJ-S360P KSD STEREO R/A PINK
		JA801	6612F00001A	DJ-S360P KSD STEREO R/A PINK
		JA802	6612F00005D	DJ-SW3P-LM KSD STERO R/A LIM
		P901	6200TJB001G	02MD3P DELTA BK CB777F
		PC901	0IL1817000E	LTV-817M B 4P BK PHOTO COUPL
		RL901	6920TBB005A	ALA2PF12 MATSUSHITA 250V 5A
		SC301	6620TBD004A	GZS10-2-101 DUOLING(SANLING)
		SG301	6918TAT007A	KSA-201-MA Y&Y UNICTRON AXIA
		SG302	6918TAT007A	KSA-201-MA Y&Y UNICTRON AXIA
		SG303	6918TAT007A	KSA-201-MA Y&Y UNICTRON AXIA
		SG304	6918TAT007A	KSA-201-MA Y&Y UNICTRON AXIA
		SG305	6918TRT005A	SSG-102-A0,1KV SMART RADIAL
		SG501	6918TRT005A	SSG-102-A0,1KV SMART RADIAL
		SW201	6600TR1001A	TSTC-2 HUA JIE NON 12V 0.05A
		SW202	6600TR1001A	TSTC-2 HUA JIE NON 12V 0.05A
		SW203	6600TR1001A	TSTC-2 HUA JIE NON 12V 0.05A
		SW204	6600TR1001A	TSTC-2 HUA JIE NON 12V 0.05A
		SW205	6600TR1001A	TSTC-2 HUA JIE NON 12V 0.05A
		SW206	6600TR1001A	TSTC-2 HUA JIE NON 12V 0.05A
		SW207	6600TR1001A	TSTC-2 HUA JIE NON 12V 0.05A
		SW208	6600TR1001A	TSTC-2 HUA JIE NON 12V 0.05A
⚠		T701	6174T11003E	"1054A,CB777G LG-PHILIPS 17""
		T702	6170TCZ006A	EE2218 2.3 MH D/FOCUS/CB775C
		T703	151-515A	EI 2519 4.5MH CF201
		T901	6170TMZ134A	EER4045 180UH V-18PIN MB700G
		TH901	6322B00002B	MZ72-9RM290V GAOLI 90HM 20%
		TH902	6322TA080BA	SCK-084 THINKING 8 ohm 15% 2
		VR902	180-035D	EVN-DJAA03B32 (MEC),300B
		X401	6202TTB008A	HC-49U HUALIANXING RADIAL 12

PIN CONFIGURATION

TDA4866J Current Driven Vertical Deflection Booster

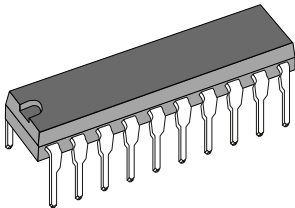


Pin Configuration

PIN	SYMBOL
1	INA
2	INB
3	VP
4	OUTB
5	GND
6	OUTA
7	VFB
8	GUARD
9	FEEDB

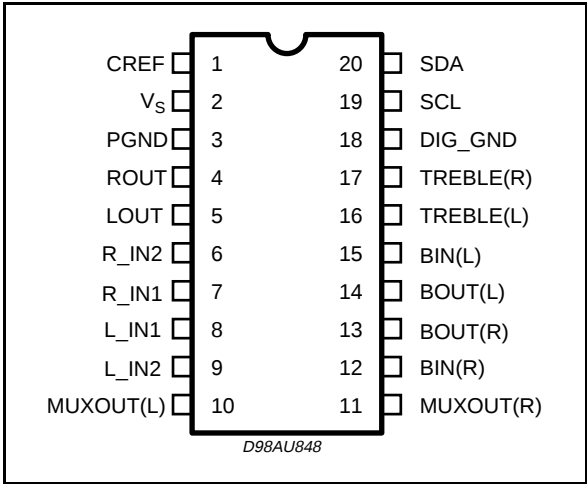
TDA7449 SGS-THOMSON TONE CONTROL DIGITALLY CONT. AUDIO PROCESSOR

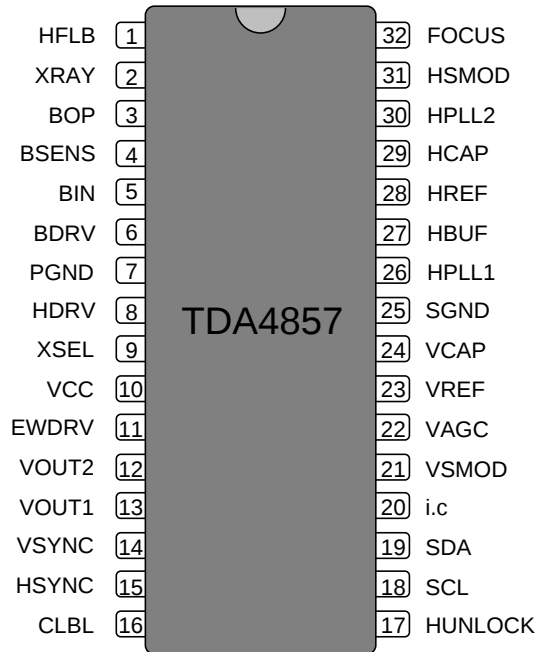
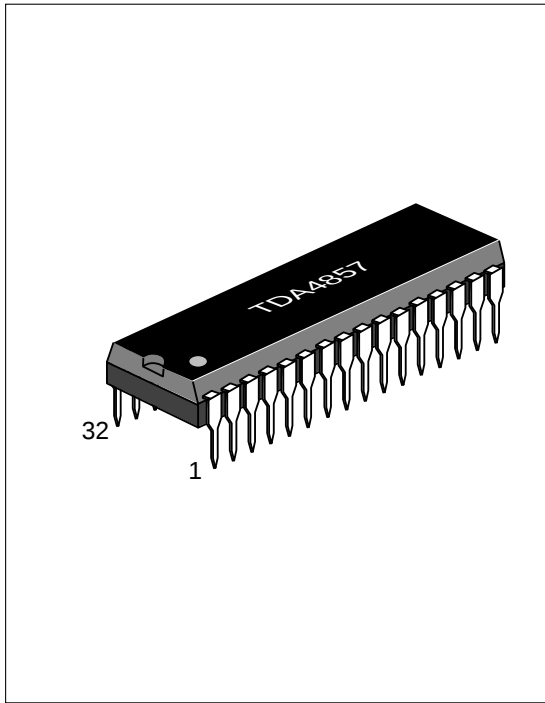
Pin Configuration



DIP20

ORDERING NUMBER: TDA7449





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	i.c	Internally connected; nite 1
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 Vertical Focus

