

# SPECIFICATIONS

## 1. PICTURE TUBE

Size : 17 inch (Flat Square Tube)  
 Gun : In-line  
 Deflection Angle : 90°  
 Neck Diameter : 29.1 mm  
 Phosphor : P22  
 Dot Pitch : 0.28 mm  
 Low Radiation : MPR-II

## 2. SIGNAL

### 2-1. HORIZONTAL & VERTICAL SYNC

1) Input Voltage Level : Low=0~0.8V, High=2.1~5.5V  
 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

15 Pin D-Sub Connector

### 2-4. OPERATING FREQUENCY

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

## 3. STEREO AUDIO

3-1. Input Voltage : 0.7 Vrms  
 3-2. Input Impedance : 20kΩ min  
 3-3. Amp Output : 2W+2W rms  
 3-4. Speaker Impedance : 4Ω  
 3-5. Speaker Type : Bass Reflex Full Dome Speaker

## 4. POWER SUPPLY

### 4-1. POWER RANGE

AC 90V~264V (Free Voltage), 50/60Hz, 2.5A Max.

### 4-2. POWER CONSUMPTION

MODE	H/V SYNC	POWER CONSUMPTION	LED COLOR
NORMAL (ON)	ON/ON	less than 130W	GREEN
STAND-BY	OFF/ON	less than 30W	ORANGE
SUSPEND	ON/OFF	less than 30W	
OFF	OFF/OFF	less than 5W	ORANGE

## 5. DISPLAY AREA

5-1. Active Video Area : 310 × 230 mm (12.20" × 9.06")  
 (Available for Full Screen)  
 5-2. Display Color : Full Colors  
 5-3. Display Resolution : 1024 Dots × 768 Lines / 85Hz  
 1280 Dots × 1024 Lines / 60Hz  
 5-4. Video Bandwidth : 110 MHz

## 6. ENVIRONMENT

6-1. Operating Temperature: 10°C~40°C (50°F~104°F)  
 (Ambient)  
 6-2. Relative Humidity : 8%~80%  
 (Non-condensing)  
 6-3. Altitude : 10,000 ft

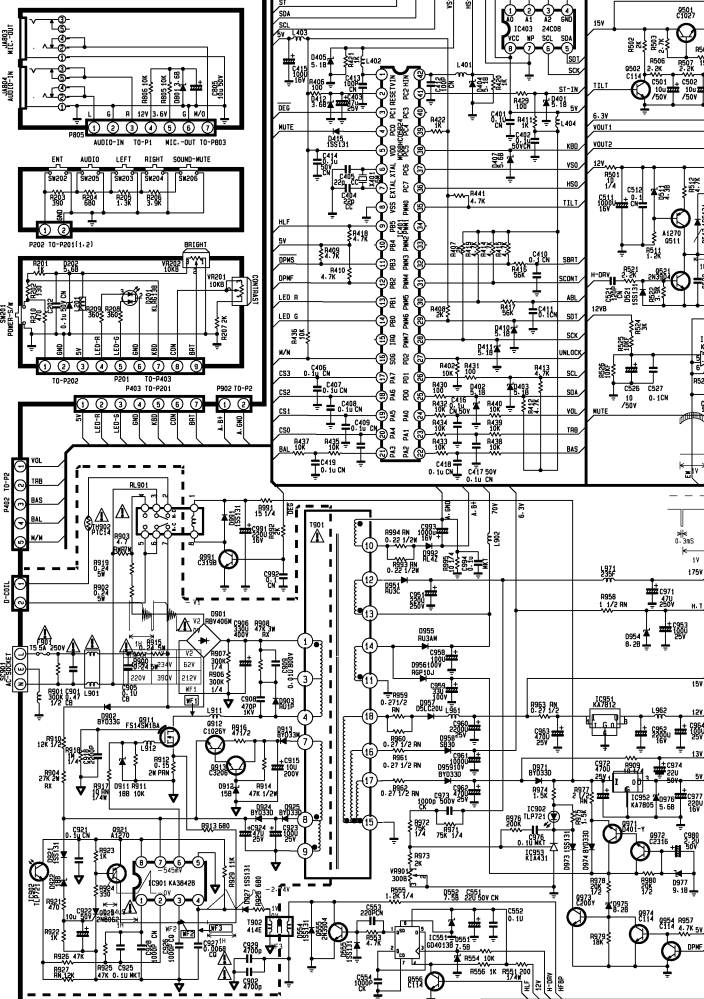
## 7. DIMENSIONS (WITH TILT/SWIVEL)

Width : 465.0 mm (18.31")  
 Depth : 442.0 mm (17.40")  
 Height : 435.5 mm (17.15")

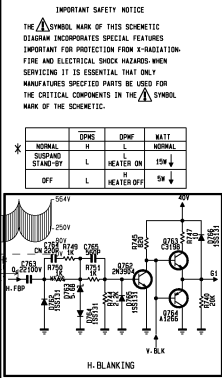
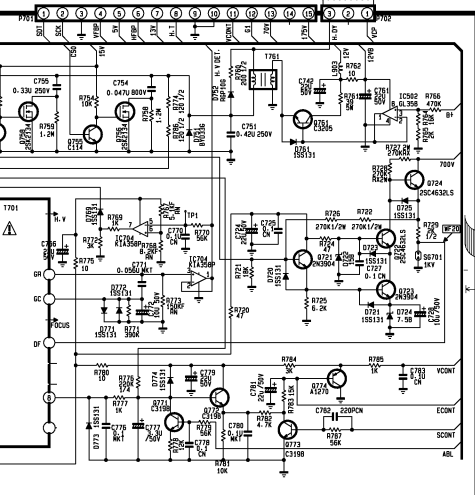
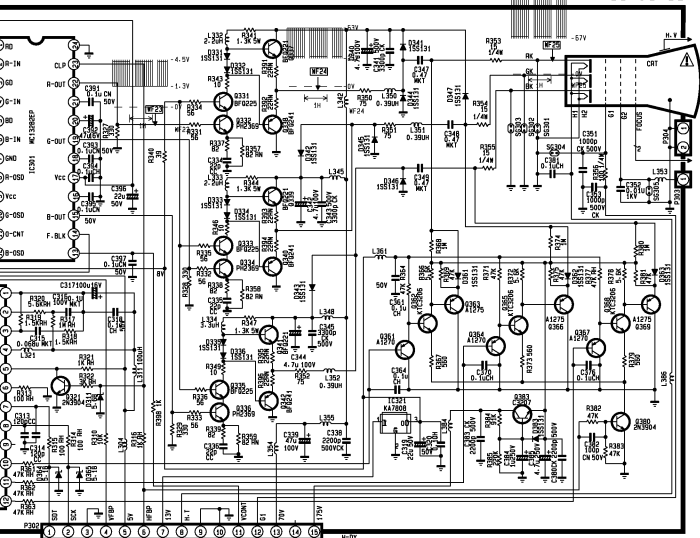
## 8. WEIGHT (WITH TILT/SWIVEL)

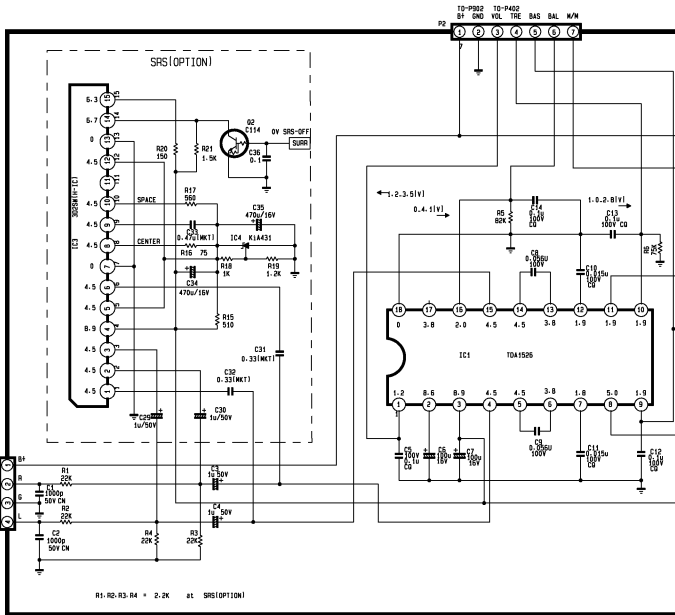
Net. Weight : 19.5 kg (42.99 lbs)  
 Gross Weight : 23.5 kg (51.81 lbs)

SCHEMATIC DIAGRAM  
CM796 P/N: 3854T17009A

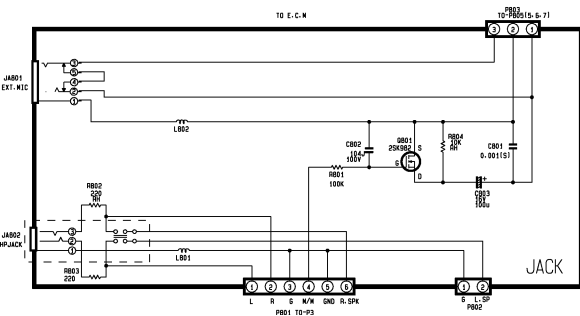






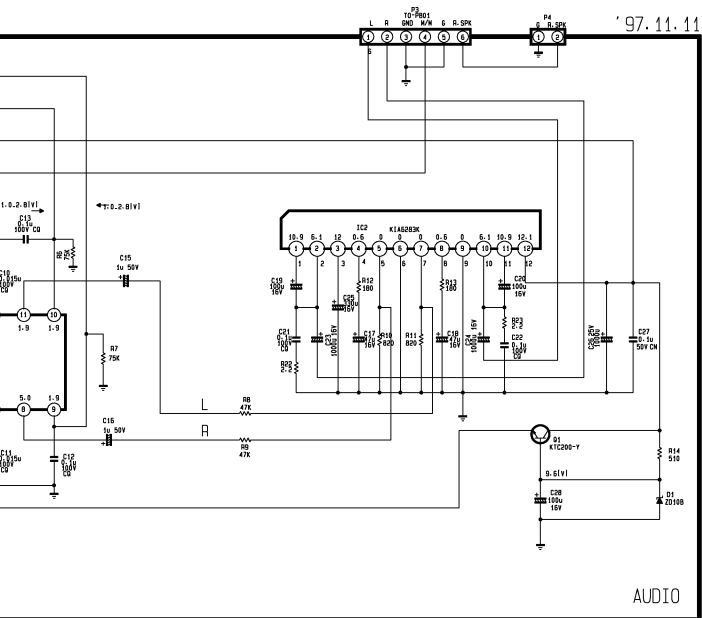


TO E.C.W



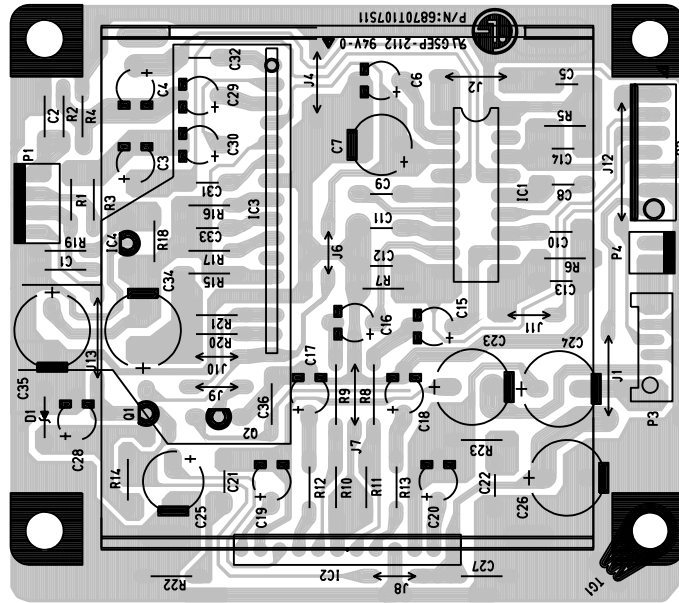
# AUDIO SCHEMATIC DIAGRAM(CM797)

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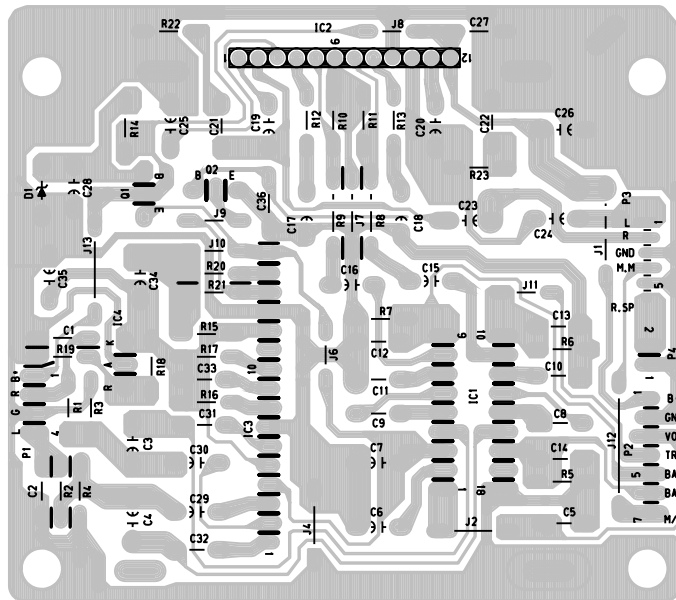


AUDIO

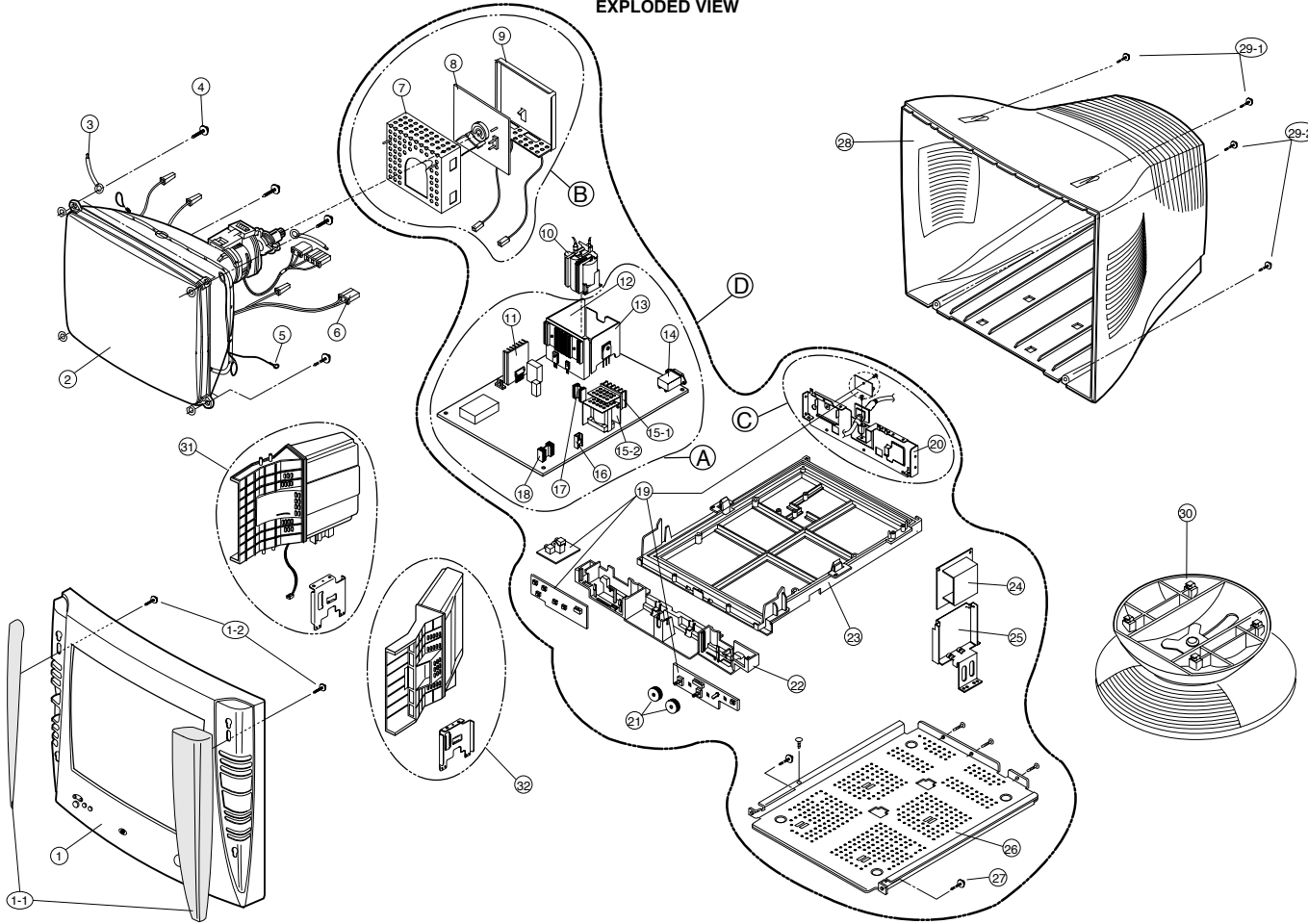
## 7. AUDIO BOARD (Component Side)



## 8. AUDIO BOARD (Solder Side)



EXPLODED VIEW



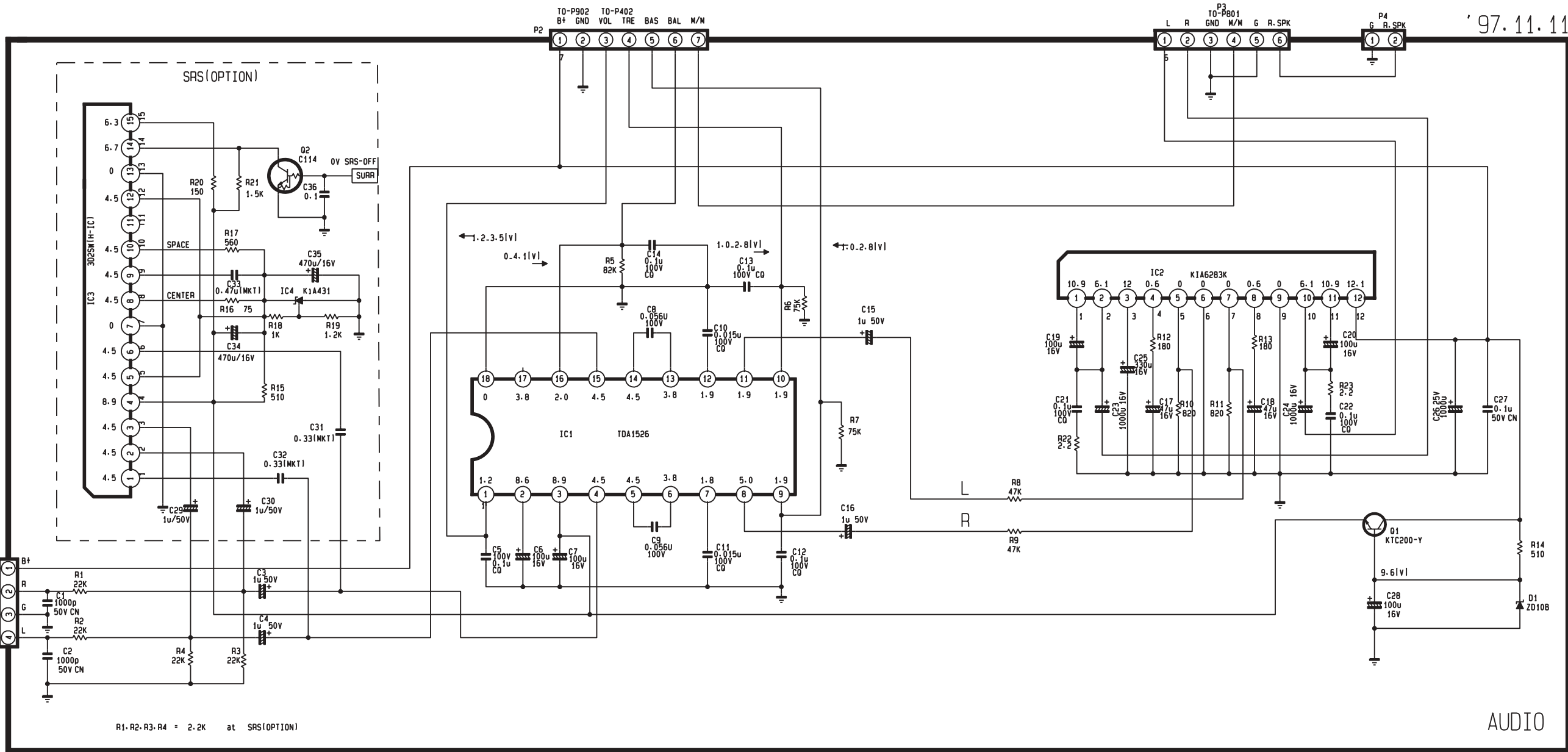
EXPLODED VIEW PARTS LIST

Ref. No.	Part No.	Description	Q'ty	Material
1	3091TKC002V	CABINET ASSY FOR <b>LG</b> LOGO	1	LGC ABS AF303G
	3091TKC002W	CABINET ASSY FOR <b>GoldStar</b> LOGO	1	LGC ABS AF303S
1-1	3351TKS012C	COVER ASSY, GRILLE (R/L)	1	LGC ABS AF303S
1-2	332-102D	SCREW, PTP+4; $\phi$ 14 (MSWR/FZMY)	2	
2	2423GC0B82E	CDT, M41LFO 813X07 NLAD FOR NORTHERN HEMISPHERE	1	
	2423GC0B84B	CDT, M41LFO 813X07 RLAD FOR EQUATORIAL	1	
3	341-832B	HOLDER, FIX FOR DEGAUSSING COIL	2	
4	332-121D	SCREW, MP 6; $\phi$ 11 WITH WASHER	4	
5	6868T17003A	GROUND WIRE FOR CDT	1	
6	6140TC3001A	COIL, DEGAUSSING	1	
7	4815TKV006A	SHIELD ASSY, VIDEO FRONT	1	
8	6871TVH046A	PCB ASSY, VIDEO	1	
9	4815TKV007G	SHIELD ASSY, VIDEO REAR	1	
10	6174Z-2002F	FBT	1	
11	407-T98E	PLATE, HEAT SINK FOR IC601	1	AL
12	4920TKP021C	PLATE, HEAT SINK FOR Q743, D742	1	AL
13	4920TKP022A	PLATE, HEAT SINK FOR Q714	1	AL
14	6200TJB001B	FILTER, AC SOCKET	1	
15-1	407-T98G	PLATE, SUB HEAT SINK FOR Q911	1	AL
15-2	4920TKP025A	PLATE, HEAT SINK FOR Q911	1	AL
16	4920TKT003A	PLATE, HEAT SINK FOR D957	1	
17	407-T20F	PLATE, HEAT SINK FOR Q514	1	
18	407-S29B	PLATE, HEAT SINK FOR IC951	1	AL
19	6871TST053A	PCB ASSY, (CONTROL) SUB TOTAL	1	
20	4810TKK059A	BRACKET, SIGNAL	1	
21	4940TKK003A	KNOB, CONTROL ROTARY	2	LGC ABS AF303S
22	4810TKV003A	BRACKET, VOLUME	1	LGC ABS AF303S
23	4810TKM004B	BRACKET, MAIN	1	LGC ABS AF303S
24	6871TSH054A	PCB ASSY, AUDIO	1	
25	4950TKK007A	BRACKET, AUDIO PCB	1	
26	340-714B	BRACKET, BOTTOM SHIELD	1	SBHG1-A (t=1.0)
27	332-102F	SCREW, PTP+4; $\phi$ 20	2	
28	3809TKC001H	BACK COVER	1	LGC ABS AF303G
29-1	332-102H	SCREW, PTP+4; $\phi$ 40	2	
29-2	332-102F	SCREW, PTP+4; $\phi$ 20	2	
30	3043TKK004D	TILT SWIVEL ASSY	1	LGC HIPS 60HR
31	3551TKS014A	SPEAKER ASSY (LEFT)	1	
32	3551TKS013A	SPEAKER ASSY (RIGHT)	1	
A	6871TMT043A	PCB ASSY, MAIN TOTAL	1	
B	6871TVT044A	PCB ASSY, VIDEO TOTAL	1	
C	3141TZZ021A	CHASSIS ASSY, REAR BRACKET	1	
D	3141TZZ020C	CHASSIS ASSY, MAIN TOTAL	1	

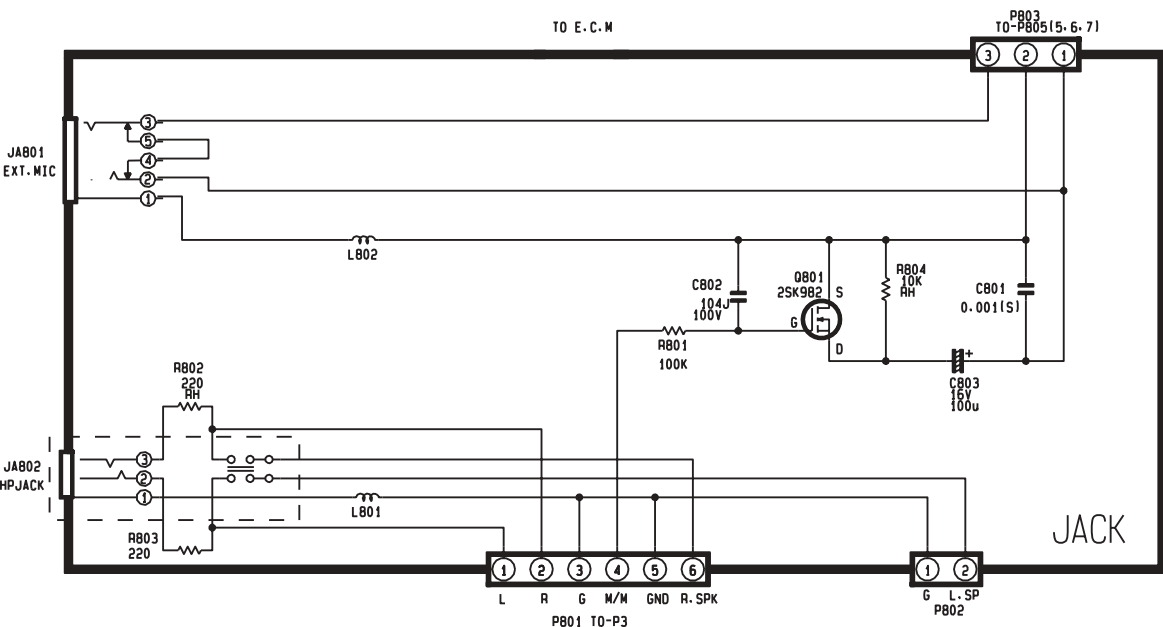


# AUDIO SCHEMATIC DIAGRAM(CM797)

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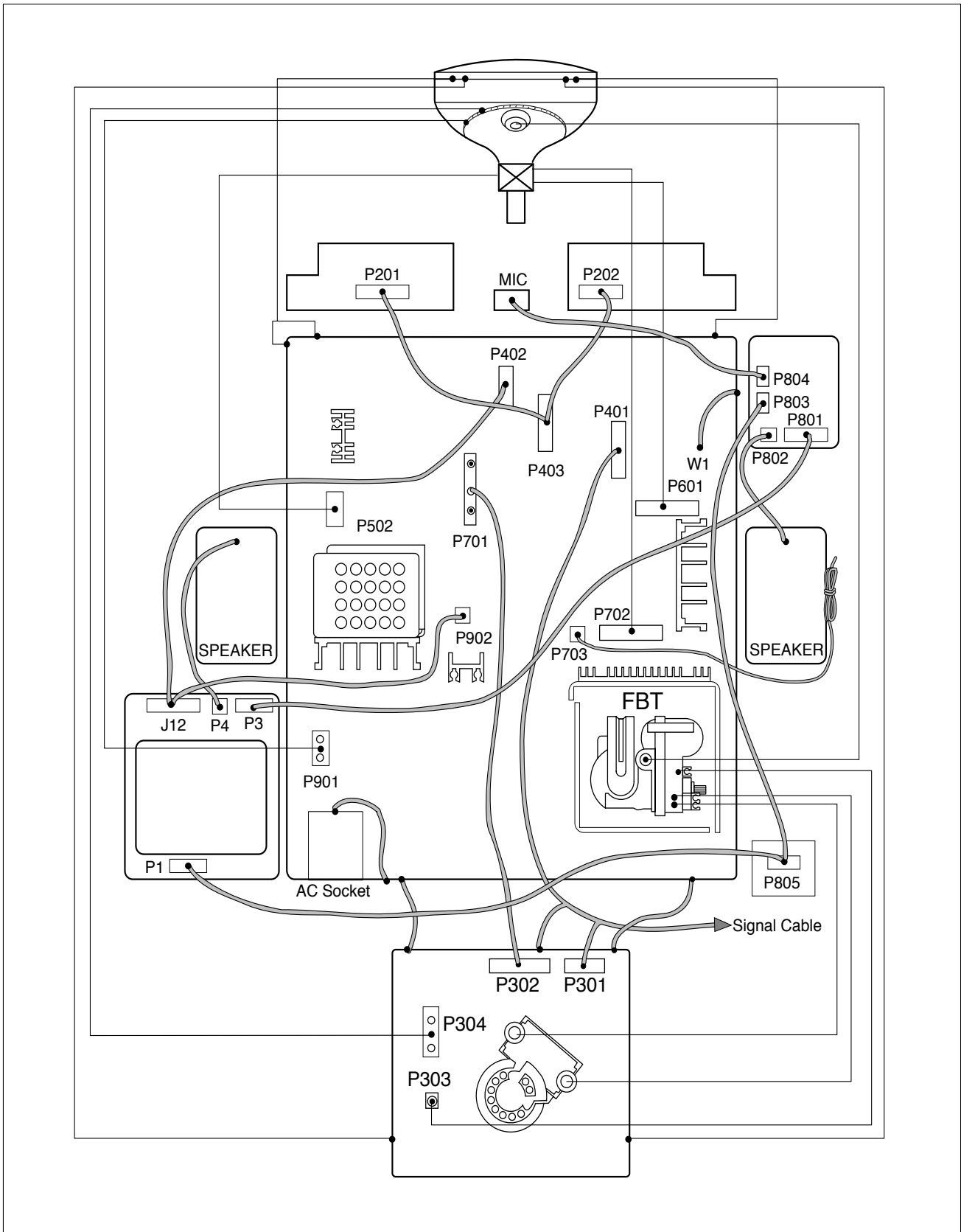


AUDIO





# WIRING DIAGRAM








# 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 (TH902), and the relay (RL901). This circuit eliminates abnormal color of the screen automatically by degaussing the shadow mask in the CRT during turning on the power switch. When you need to degauss in using the monitor, select  (DEGAUSS) on the OSD menu.

## 3. SMPS (Switching Mode Power Supply).

This circuit is working of 90~264V AC (50/60Hz).

The operation procedure is as follows:

- 1) AC input voltage is rectified and smoothed by the bridge diode (D901) and the capacitor (C906).
- 2) The rectified voltage (DC) 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 turn ratio of the transformer, the secondary voltages appear at the secondary coils of the transformer (T901).
- 5) These secondary voltages are rectified by each diode (D951, D956~D959) and operate other circuits. (horizontal and vertical deflection, video amplifier, ...etc.)

## 4. Over Voltage Protection Circuit.

This circuit consists of the SCR (Q923), TR (Q921) and associated circuit. If the secondary voltage exceeds the specified voltage, voltage of the primary coil of the transformer (T901) also increased, then SCR (Q923) and TR (Q921) are turned on, and stop the oscillation of the control IC (IC901). Consequently, the secondary voltage is down to zero volt.

## 5. X-ray Protection.

If the high voltage of the FBT reaches up to 30kV (abnormal state), the OP Amp (IC704) pin 7 comes to high level and charges at the X-ray protection pin of the TDA4854 (IC701). Then, B-DRV (Pin 6) and H-DRV (Pin 8) function of this IC will be shut down and high voltage will not be generated. (In 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 the signal cable.
- 2) The Micom (IC401) distinguishes polarity and frequency of H and V sync.
- 3) The Micom sets operating mode and offers the controlled data. (H-size, H-position, V-size, ... etc.)
- 4) The controlled data of each mode is stored in itself.
- 5) User can adjust screen condition by each OSD function. The data of the adjusted condition are stored in EEPROM (IC403).

## 7. Horizontal and Vertical Oscillation.

This circuit generates the horizontal pulse and the vertical pulse by taking the H and V sync signal.

This circuit consists of the TDA4854 (IC701) and the associated circuit.

## 8. Oscillating Circuit for D/D Converter.

This circuit generates the saw-tooth wave which has the horizontal period by taking output of the TDA4854 (IC701).

## 9. D/D (DC to DC) Converter.

This circuit supplies DC voltage to the horizontal deflection output circuit by decreasing DC 175V which is the secondary voltage of the SMPS in accordance with the input horizontal sync signal.

## 10. Side-Pincushion & Trapezoid Correction Circuit.

This circuit improves the side-pincushion and the trapezoid distortion of the screen by mixing parabola and saw-tooth wave to output of the horizontal deflection D/D converter which is used for the supply voltage (B<sup>+</sup>) of the deflection circuit.

## 11. Horizontal Deflection Output Circuit.

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

## 12. High Voltage Output & FBT (Flyback Transformer).

The high voltage output circuit is used for generating pulse 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, focus, and screen voltage of the CRT.

**13. H-Linearity Correction Circuit.**

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

**14. H-Raster Centering Circuit.**

This circuit makes the back raster stay in the center of the screen by adjusting the SW701.

**15. Vertical Output Circuit.**

This circuit takes the vertical ramp wave from the TDA4854 (IC701) and performs the vertical deflection by supplying the saw-tooth current to the vertical deflection yoke.

**16. Dynamic Focus Output Circuit.**

This circuit takes the horizontal and the vertical parabola waves from the TDA4854 (IC701) and amplifies it to maintain constant focus on center and corners in the screen.

**17. H & V Blanking and Brightness Control.**

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

**18. Image Rotation Circuit.**

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

**19. Moiré Reduction Circuit.**

This circuit reduces interference between the periodical display pattern and the CRT's dot through adjusting vertical scanning lines of the video signal.

**20. OSD Circuit.**

This circuit is used for performing the OSD (On Screen Display) function. When an user selects the ENTER button and the OSD Select/Adjust knob, the adjustment status displays on the screen.

**21. Video Pre-Amp Circuit.**

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

**22. Video Output Amp Circuit.**

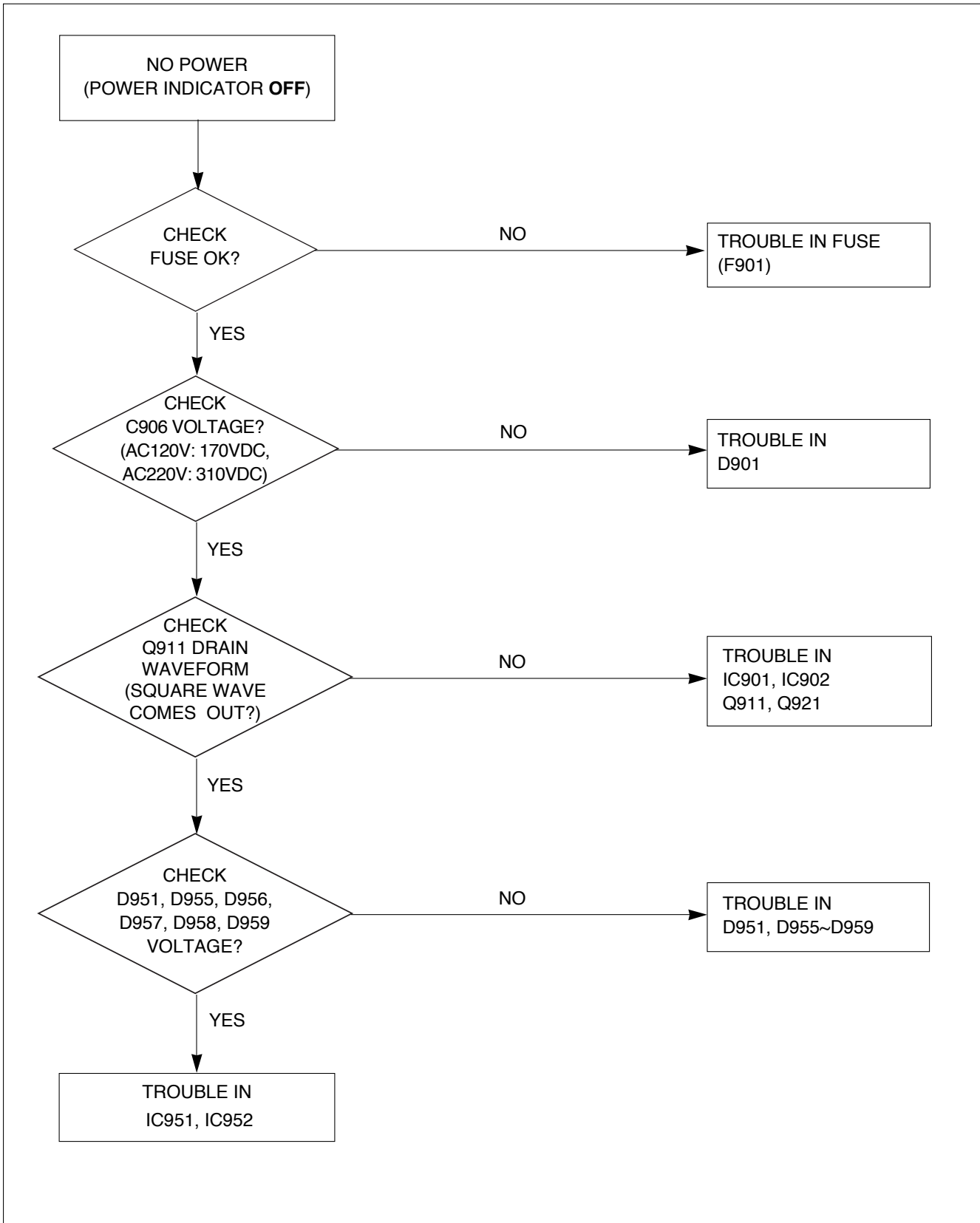
This circuit amplifies the video signal which comes from the video pre-amp circuit and amplifies it to apply the CRT cathode.

**23. Audio & Microphone Circuit**

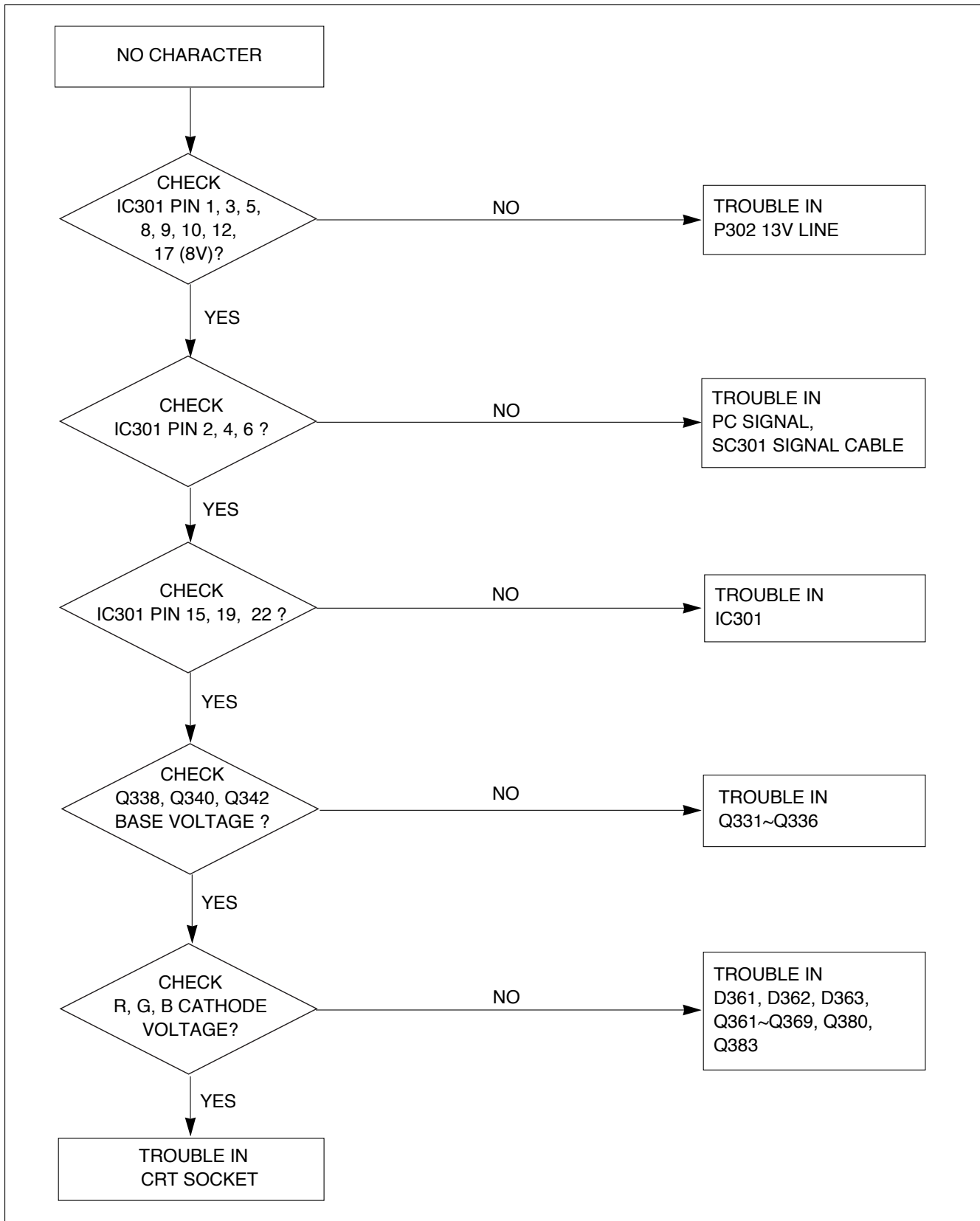
The audio circuit consists of pre-amp(IC1) and main amp(IC2) and it controls sound gain. The microphone circuit consists of MIC-IN and MIC-OUT jack, and the microphone.

# TROUBLESHOOTING GUIDE

## 1. NO POWER

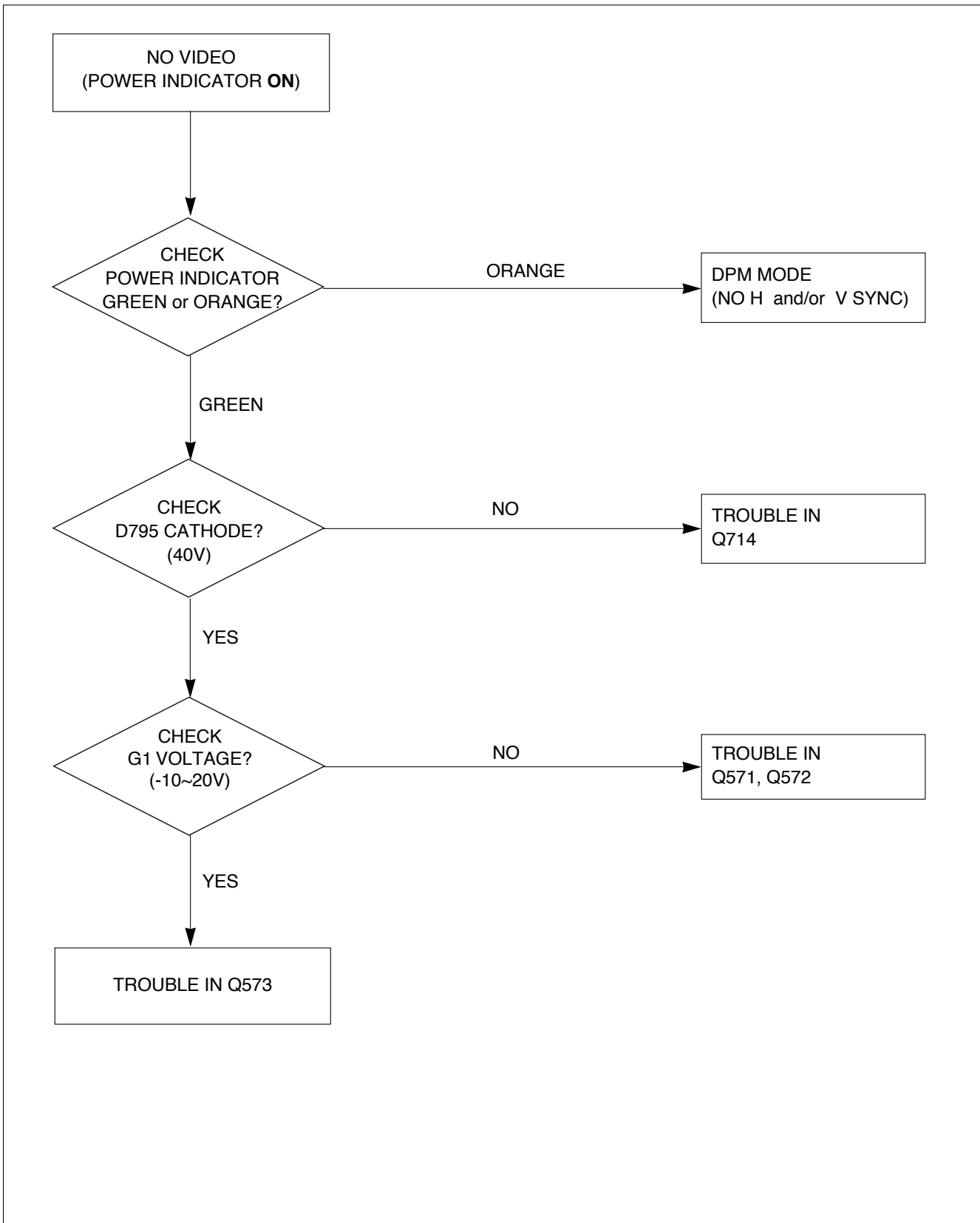


## 2. NO CHARACTER

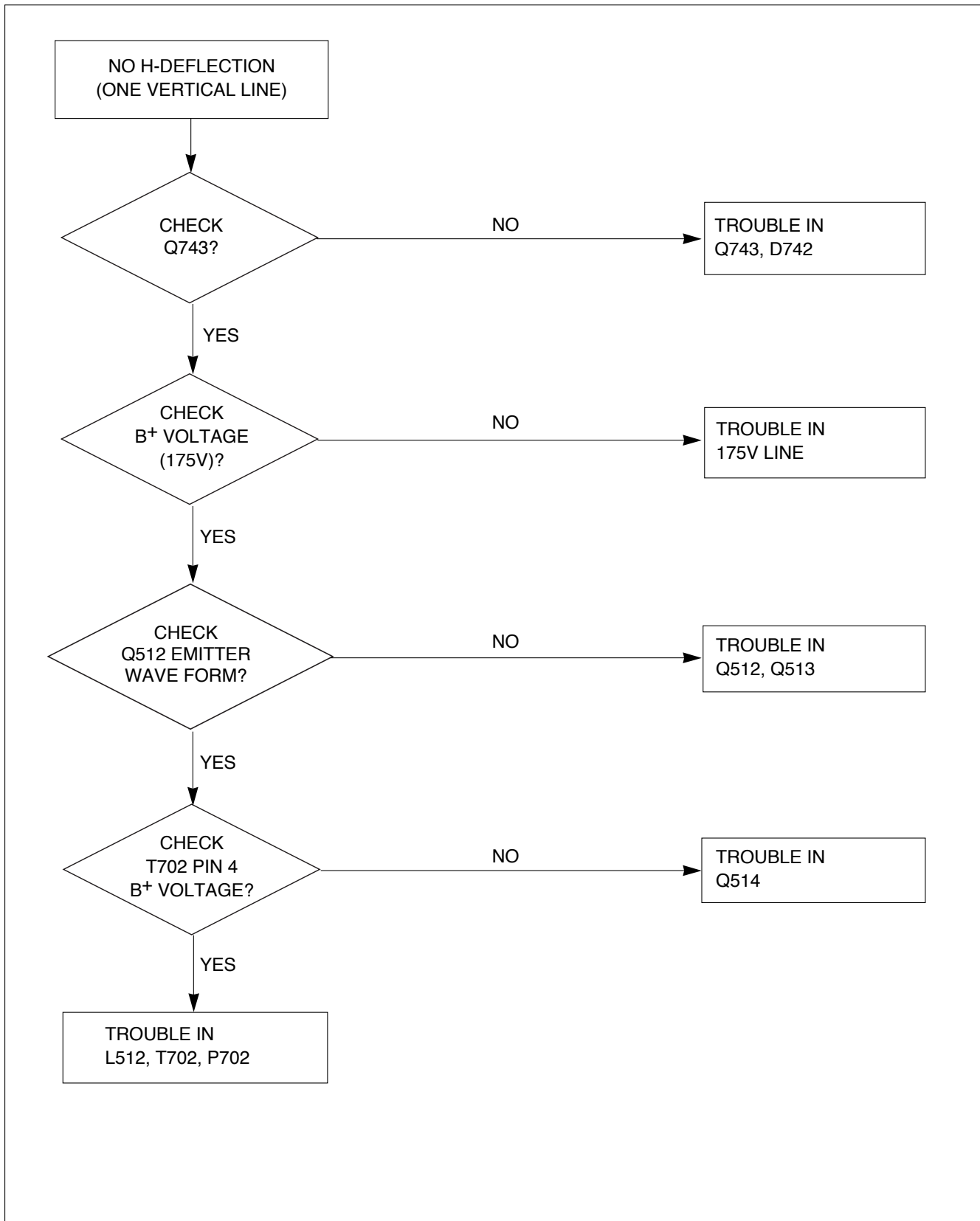




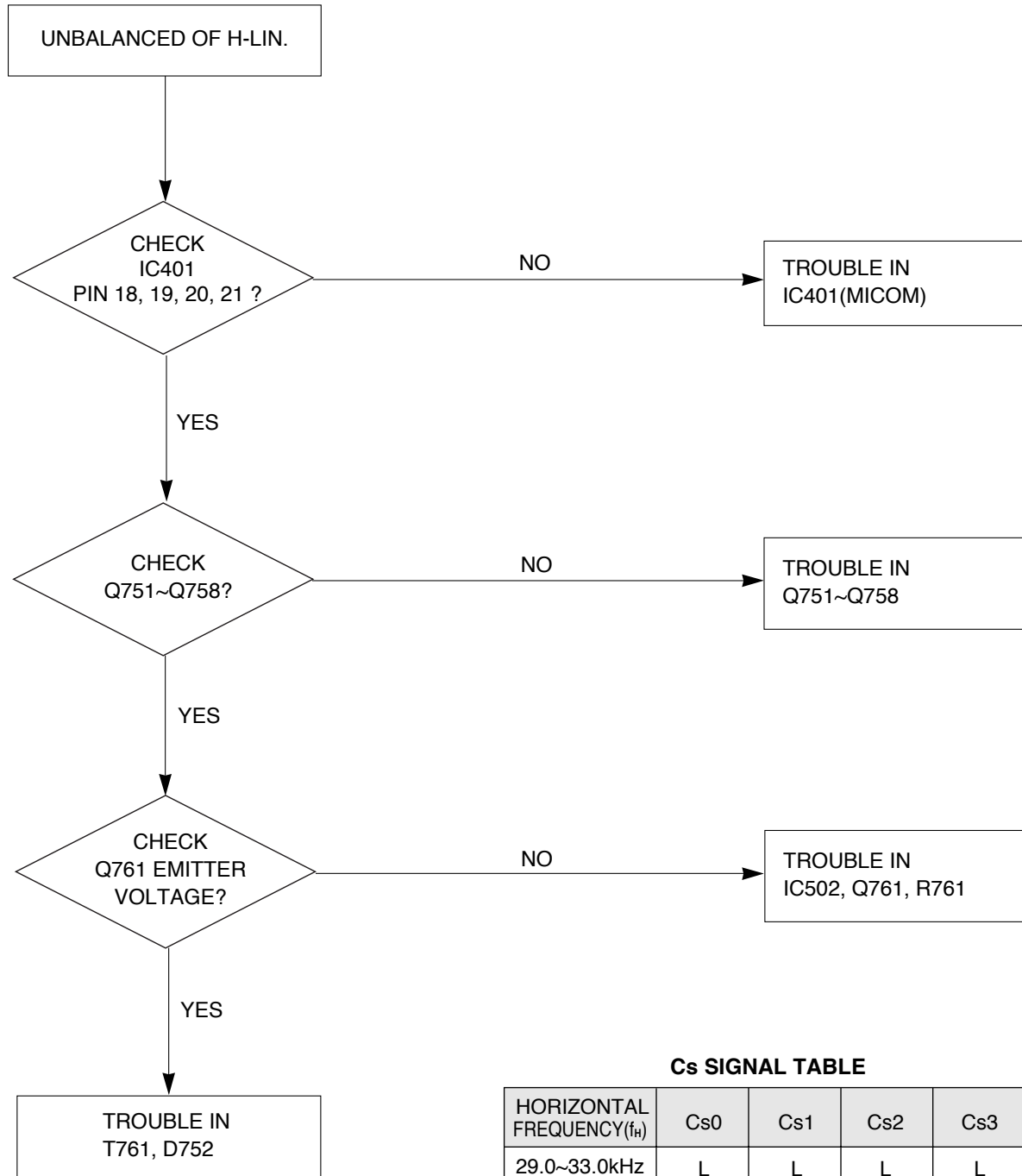
### 3. NO RASTER



## 4. NO HORIZONTAL DEFLECTION



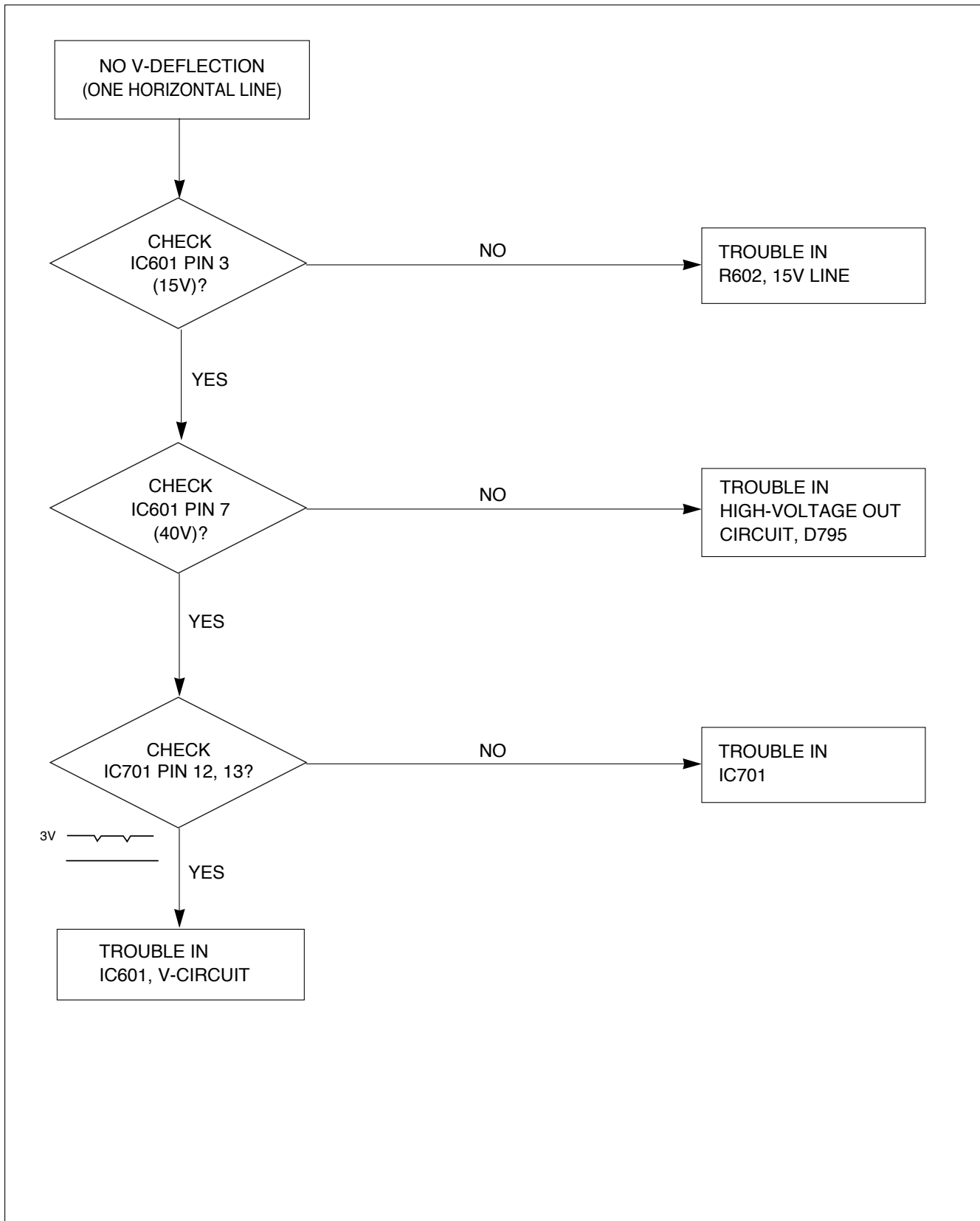
## 5. TROUBLE IN H-LINEARITY



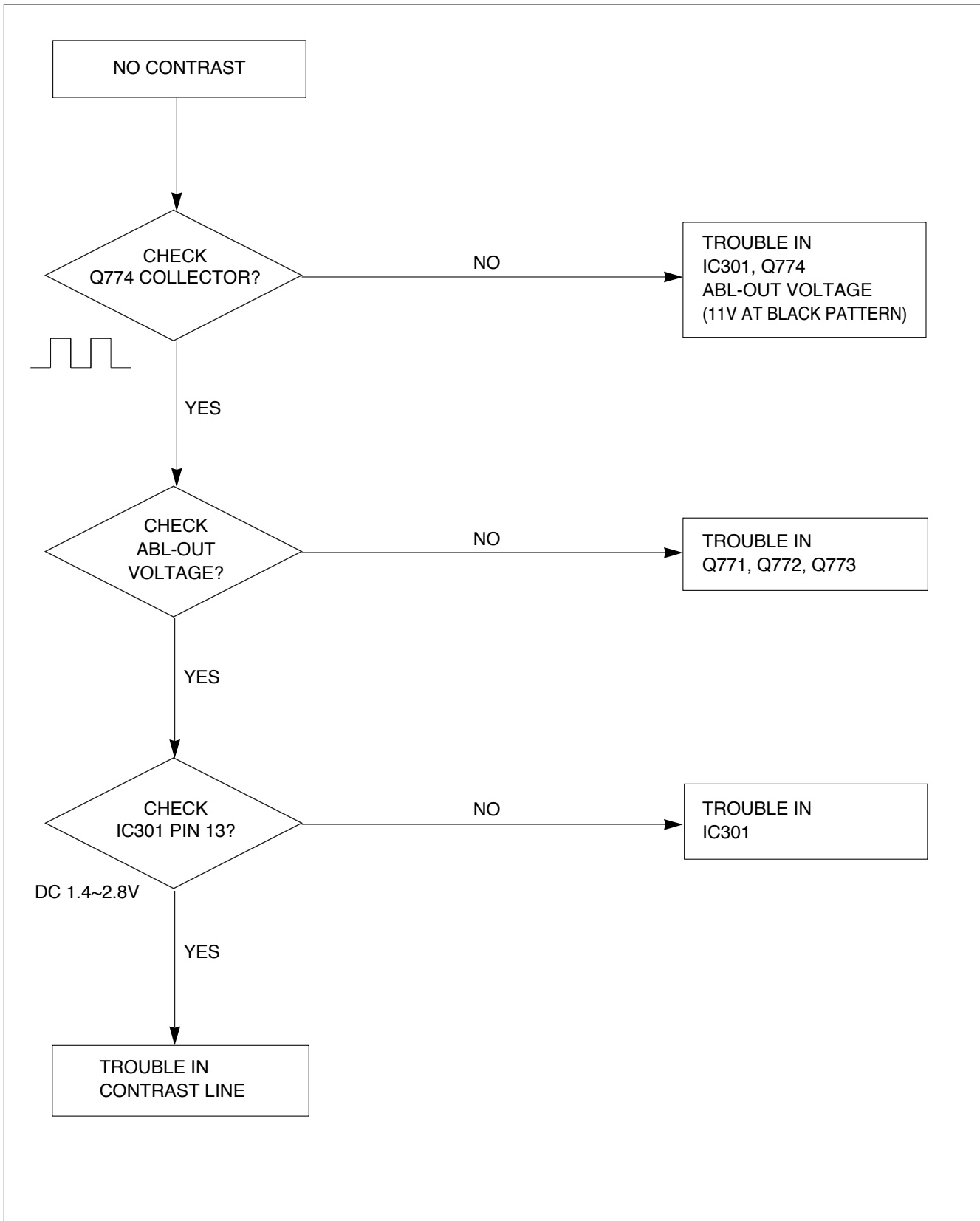
**Cs SIGNAL TABLE**

HORIZONTAL FREQUENCY( $f_H$ )	Cs0	Cs1	Cs2	Cs3
29.0~33.0kHz	L	L	L	L
33.0~41.5kHz	L	H	L	L
41.5~45.0kHz	L	L	H	H
45.0~54.5kHz	H	L	H	H
54.5~62.5kHz	H	H	L	H
62.5~71.0kHz	H	H	H	H

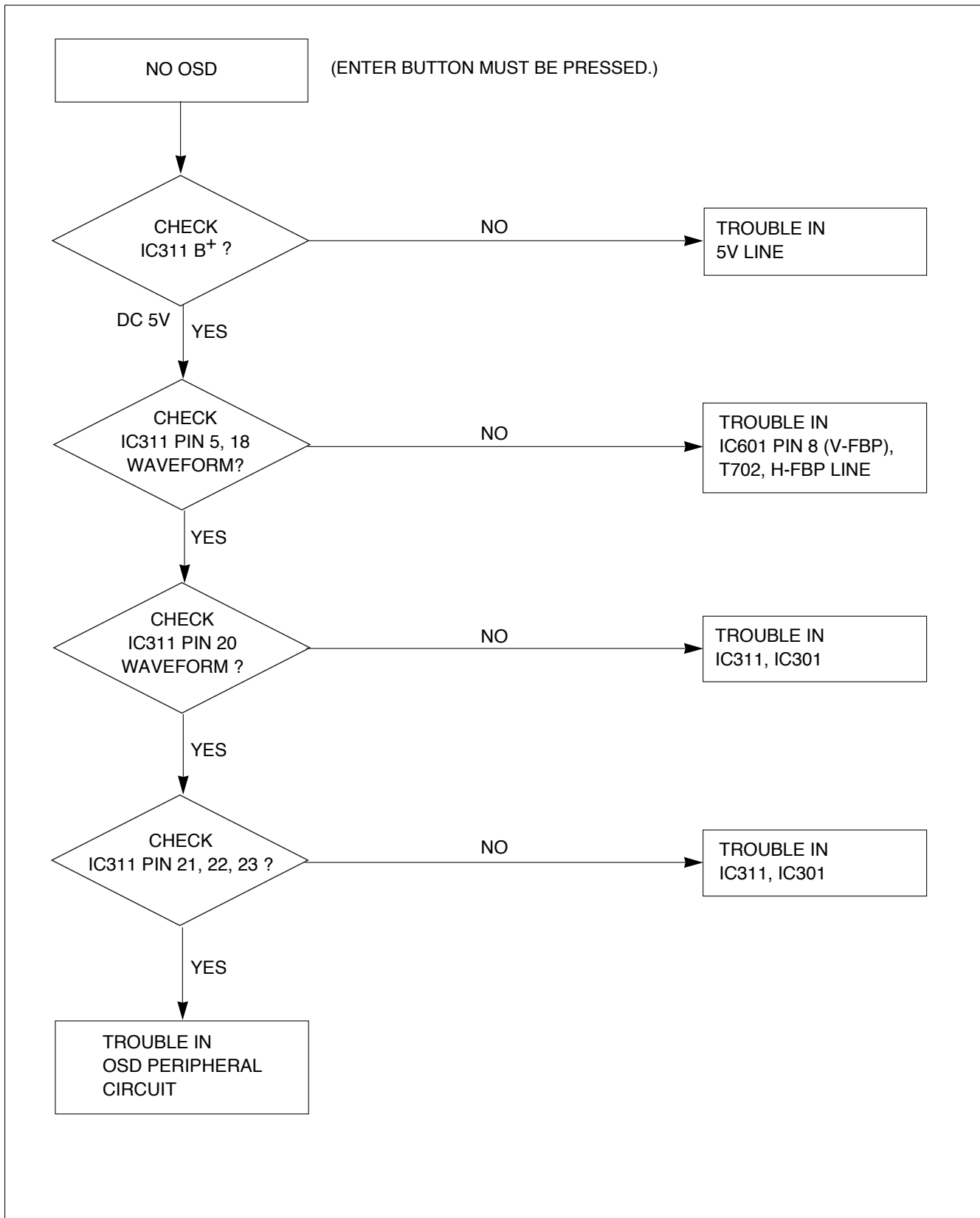
## 6. NO VERTICAL DEFLECTION



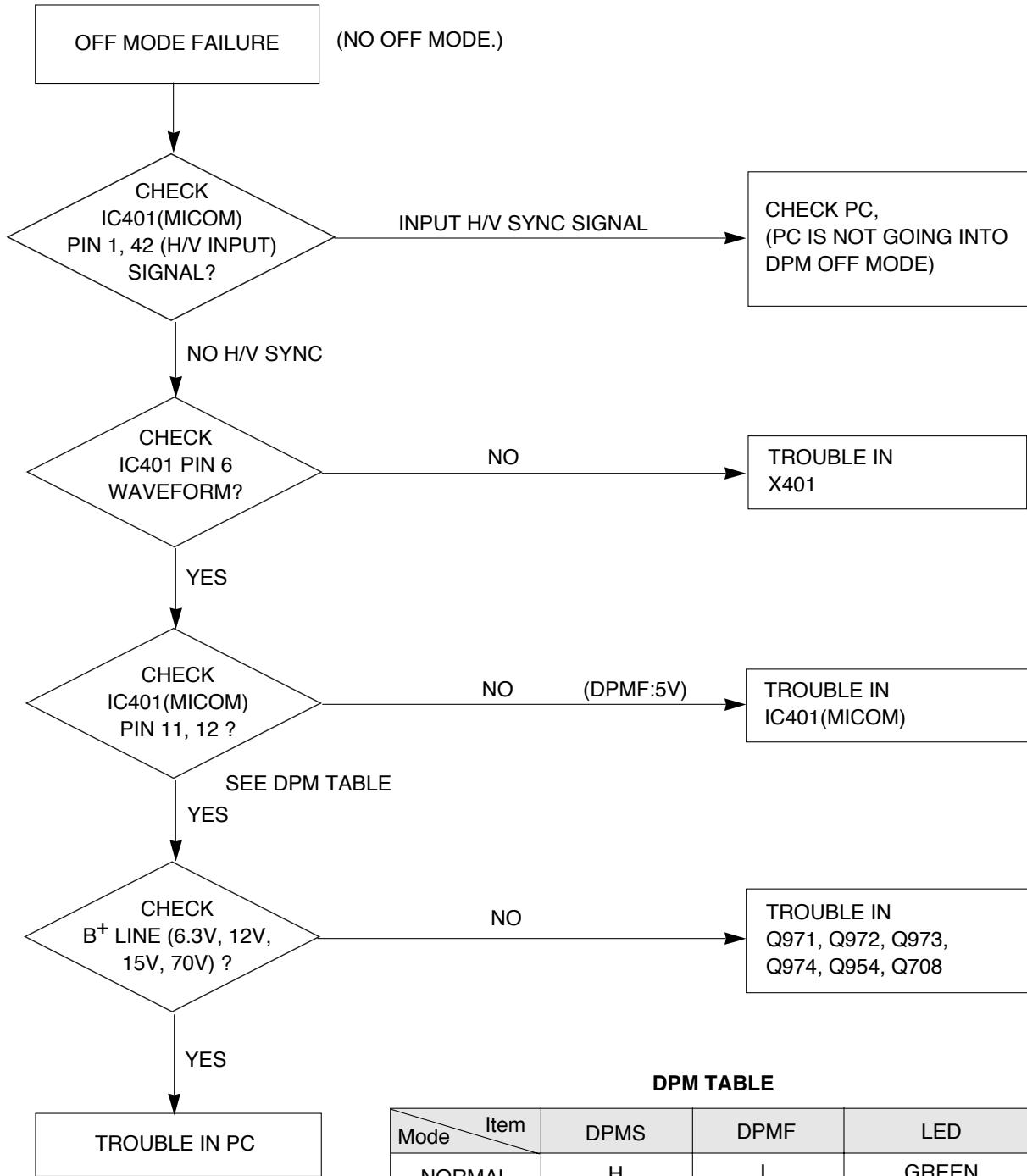
## 7. NO CONTRAST



## 8. TROUBLE IN OSD



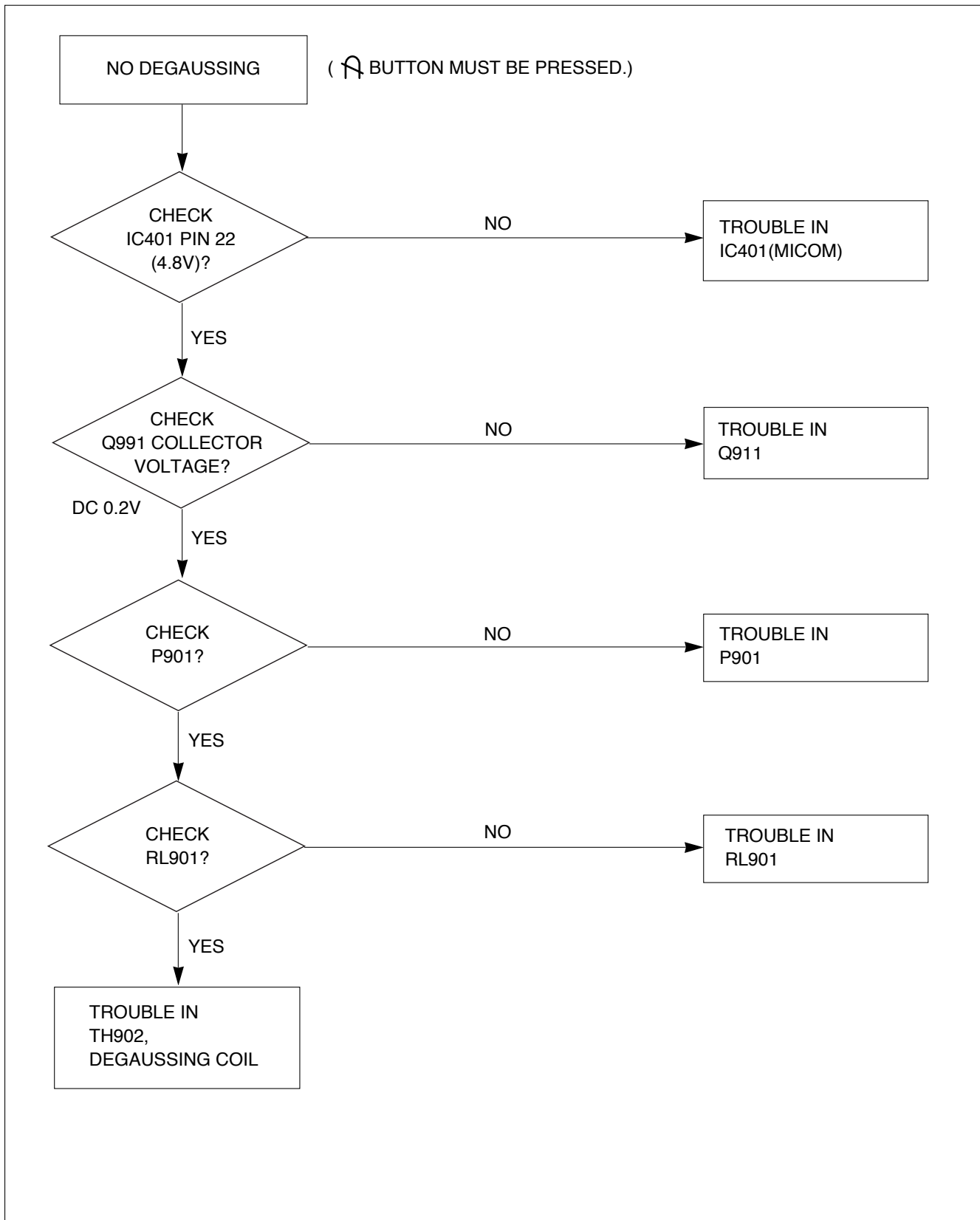
## 9. TROUBLE IN DPM



**DPM TABLE**

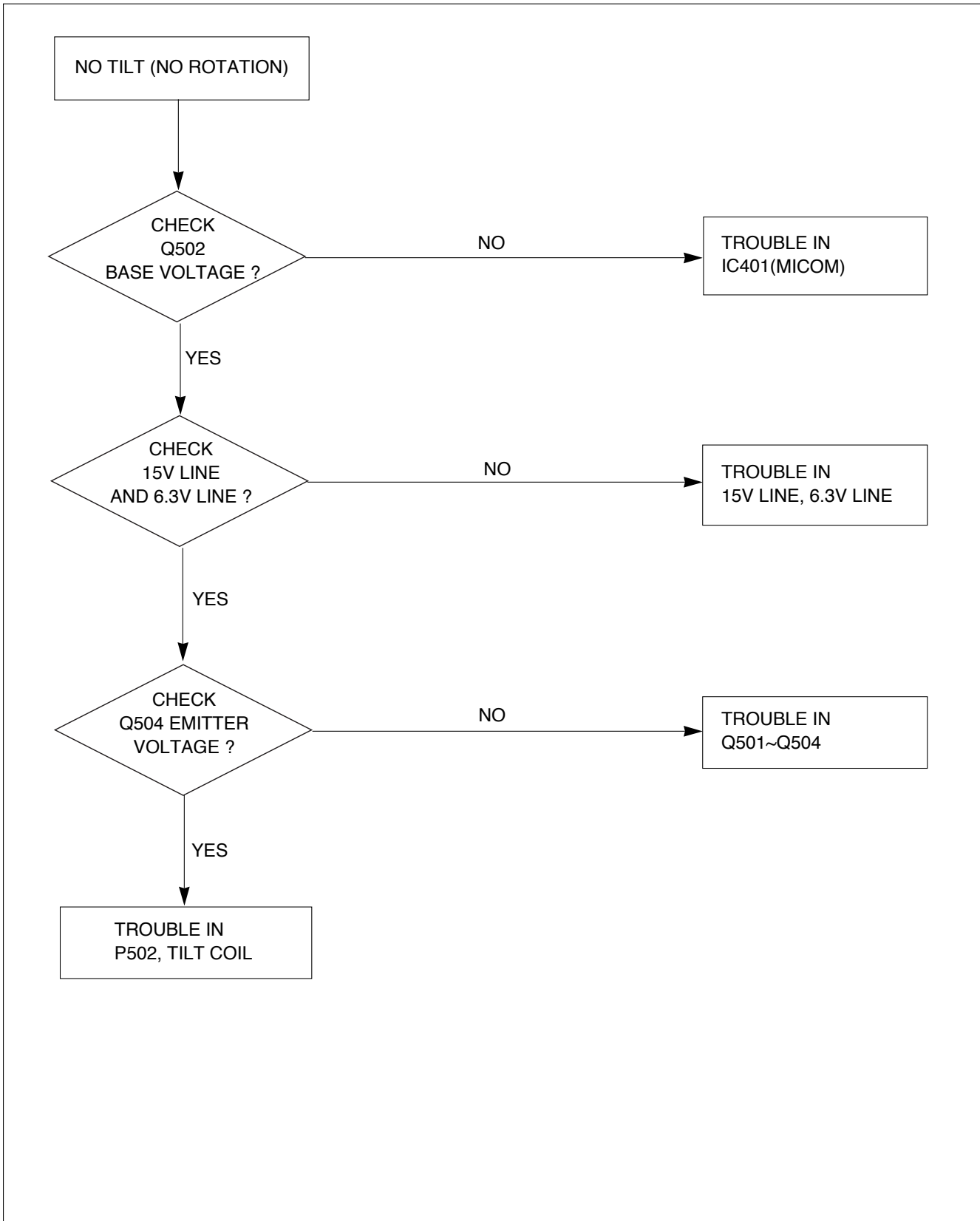
Mode \ Item	DPMS	DPMF	LED
NORMAL	H	L	GREEN
STAND-BY	L	L	ORANGE
SUSPEND	L	L	ORANGE
OFF	L	H	ORANGE

## 10. NO DEGAUSSING

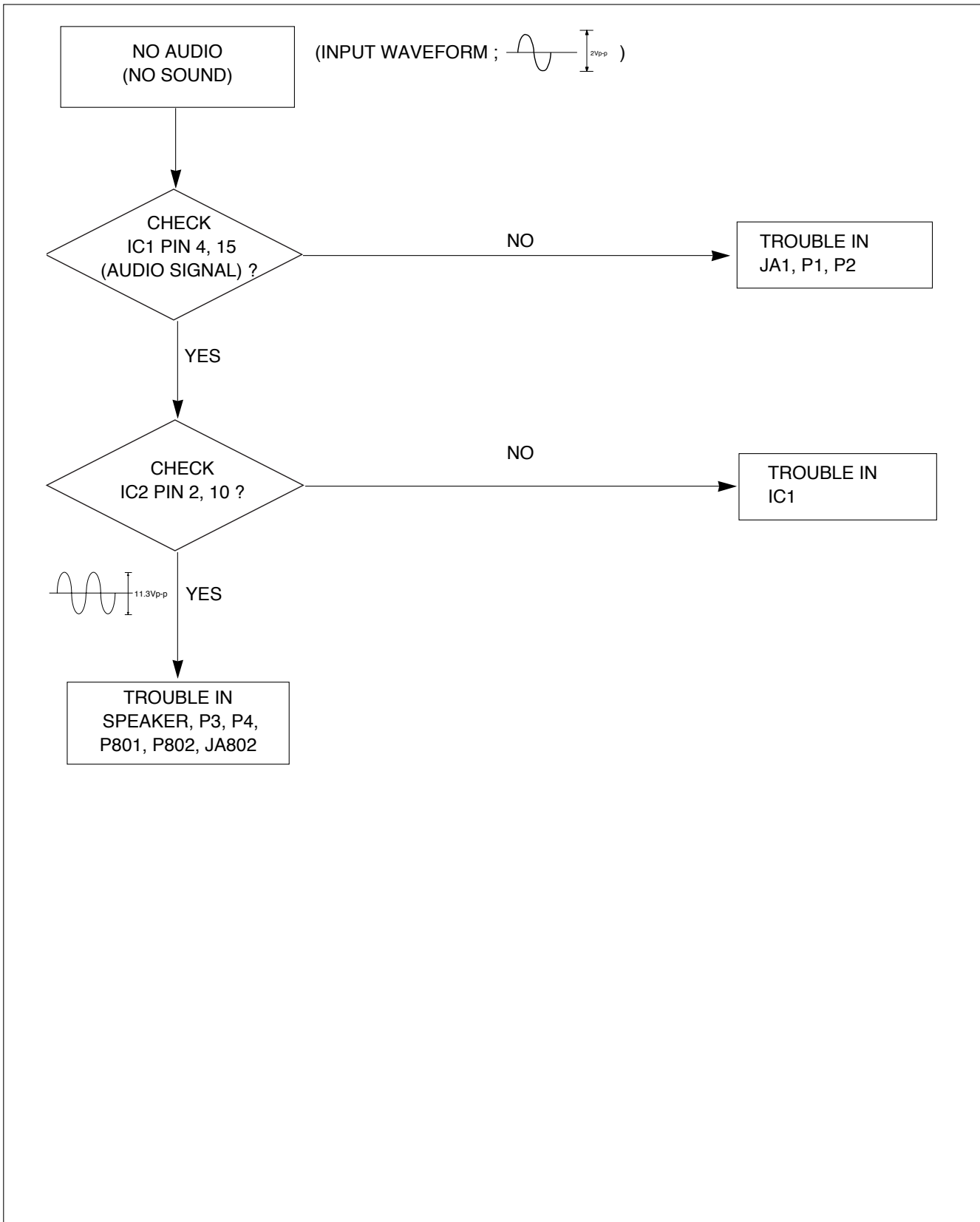




## 11. NO TILT (NO ROTATION)



## 12. TROUBLE IN AUDIO



# ADJUSTMENT

## GENERAL INFORMATION

All adjustment are thoroughly checked and corrected when the monitor leaves the factory, but sometimes several minor adjustment 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.)
  - E(E)PROM with each mode data saved.
  - 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 CRT 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 CRT magnetized, then press  $\mathcal{R}$  (DEGAUSSING) on the OSD menu.

## ADJUSTMENT PROCEDURE & METHOD

### • TIMING CHART FOR ADJUSTMENT

Item \ Mode	Horizontal		Vertical	
	Mode 13	Mode 14	Mode 13	Mode 14
Sync Polarity	+	+	+	+
Frequency	29.99kHz	70.03kHz	49.99Hz	160.25Hz
Total Period	33.34 $\mu$ s	14.28 $\mu$ s	20.004ms	6.240ms
Video Active Time	26.67 $\mu$ s	10.75 $\mu$ s	18.670ms	5.712ms
Blanking Time	6.67 $\mu$ s	3.53 $\mu$ s	1.334ms	0.528ms
Front Porch	1.50 $\mu$ s	0.81 $\mu$ s	0.301ms	0.057ms
Back Porch	3.96 $\mu$ s	1.52 $\mu$ s	0.933ms	0.400ms
Sync Duration	1.21 $\mu$ s	1.20 $\mu$ s	0.100ms	0.071ms
Resolution	640	950	560	400

- 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<sup>+</sup> Voltage.

- (1) Display cross hatch pattern at Mode 7.
- (2) Adjust C951 + voltage to 175V $\pm$ 0.5V with **VR901**.

### 2. Adjustment for High-Voltage.

- (1) Display cross hatch pattern at Mode 7.
- (2) Adjust FBT Anode voltage to 26kV $\pm$ 0.5kV with **VR771**.

### 3. Adjustment for Horizontal Raster Center.

- (1) Display cross hatch pattern at Mode 7.
- (2) Adjust the raster should be center of the screen with SW701.

### 4. Check for Horizontal & Vertical OSC Frequency.

- (1) Display cross hatch pattern at Mode 13.
- (2) Check whether screen is synchronized or not.
- (3) Display cross hatch pattern at Mode 14.
- (4) Check whether screen is synchronized or not.

### 5. Adjustment for Factory Mode (Preset Mode).

- (1) Display cross hatch pattern at Mode 1.
- (2) Run alignment program for StudioWorks 77M or CM796 on the IBM compatible PC.
- (3) COMMAND  $\rightarrow$  START  $\rightarrow$  Y(Yes) command.
- (4) DIST. ADJ.  $\rightarrow$  TILT command.
- (5) Adjust tilt as arrow keys to be the best condition.
- (6) DIST. ADJ.  $\rightarrow$  BALANCE command.
- (7) Adjust balance of side-pincushion as arrow keys to be the best condition.
- (8) DIST. ADJ.  $\rightarrow$  FOS. ADJ  $\rightarrow$  Mode No.  $\rightarrow$  1 command.
- (9) Adjust H-SIZE as arrow keys to 300 $\pm$ 2mm.
- (10) Adjust H-POSITION as arrow keys to center of the screen.
- (11) Adjust V-SIZE as arrow keys to 225 $\pm$ 2mm.
- (12) Adjust V-POSITION as arrow keys to center of the screen.
- (13) Adjust S-PCC (Side-Pincushion) as arrow keys to be the best condition.
- (14) Adjust TRAPEZOID as arrow keys to be the best condition.
- (15) Display from Mode 2 to Mode 7 and repeat above from number (9) to (14).
- (16) PRESET EXIT  $\rightarrow$  Y(Yes) command.

### 6. Adjustment for White Balance and Luminance.

- (1) Set the White Balance Meter.
- (2) Press the  $\mathcal{R}$  (DEGAUSSING) on the OSD menu for demagnetization of the CRT.
- (3) Display color 0,0 pattern at Mode 7.
- (4) COLOR ADJ.  $\rightarrow$  LUMINANCE command of the alignment program.
- (5) Set BRIGHTNESS to max position.
- (6) Set CONTRAST to max position.
- (7) COLOR ADJ.  $\rightarrow$  BIAS ADJ.  $\rightarrow$  COLOR NO.  $\rightarrow$  1 command of the alignment program.
- (8) Set SUB-BRIGHT to max position.
- (9) Adjust R-BIAS and G-BIAS to min position and B-BIAS to 127 position of the alignment program.

- (10) Check whether blue color or not at Screen control on the FBT to  $0.15 \pm 0.05$  FL of the raster luminance. If it's not blue color, the monitor must repair.
- (11) Adjust R-BIAS and G-BIAS command to  $x=0.281 \pm 0.01$  and  $y=0.311 \pm 0.01$  on the White Balance Meter with PC arrow keys.
- (12) Adjust SUB-BRIGHT command to  $0.4 \pm 0.1$  FL of the raster luminance.
- (13) Display color 15,0 box pattern (70x70mm) at Mode 7.
- (14) DRIVE ADJ → No 1. command.
- (15) Set SUB-CONTRAST to 30(48) position (center position).
- (16) Set B-DRIVE to 170 (decimal) position at DRIVE of the alignment program.
- (17) Adjust R-DRIVE and G-DRIVE command to white balance  $x=0.281 \pm 0.001$  and  $y=0.311 \pm 0.001$  on the White Balance Meter with PC arrow keys.

- (18) Adjust SUB-CONTRAST command to  $46 \pm 4$  FL of the color 15,0 box pattern (70x70mm) luminance at Mode 7.
- (19) Save in COLOR 1.
- (20) Display color 15,0 full white patten at Mode 7.
- (21) COLOR ADJ. → LUMINANCE → ABL command.
- (22) Adjust ABL to  $32 \pm 3$  FL of the luminance.
- (23) Exit from the program.

\* **Note** : Color mode 2 data is automatically save in the EEPROM by the microprocessor.

## 7. Adjustment for Focus.

- (1) Set the Brightness and Contrast to max position.
- (2) Display H character in full screen at Mode 7.
- (3) Adjust two Focus control on the FBT that focus should be the best condition.

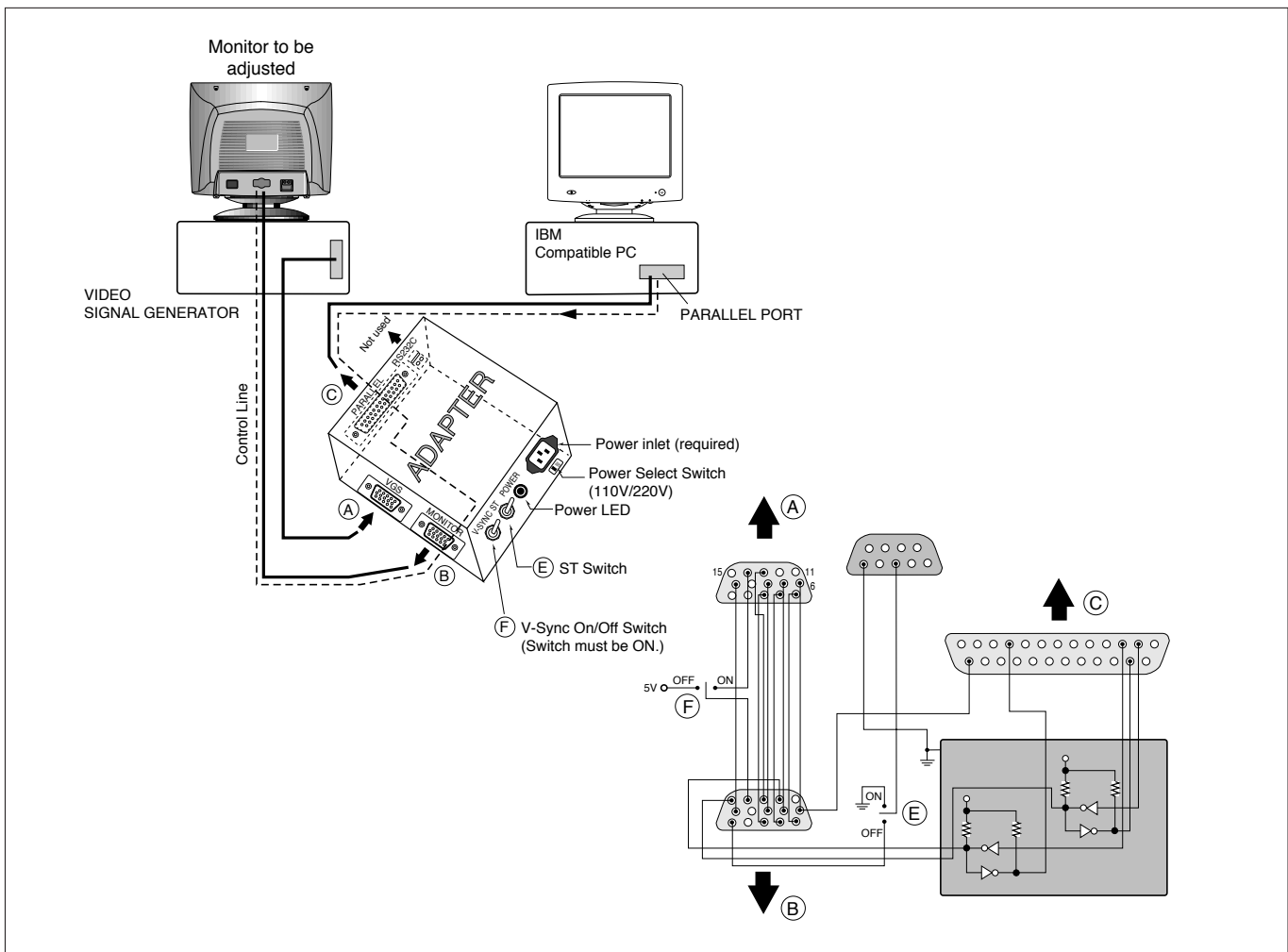
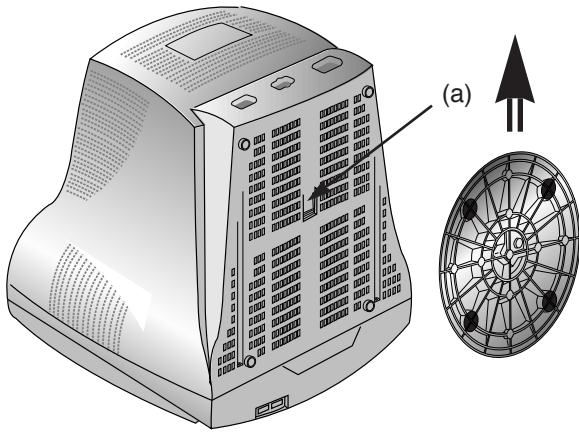


Figure 1. Cable Connection

# DISASSEMBLY

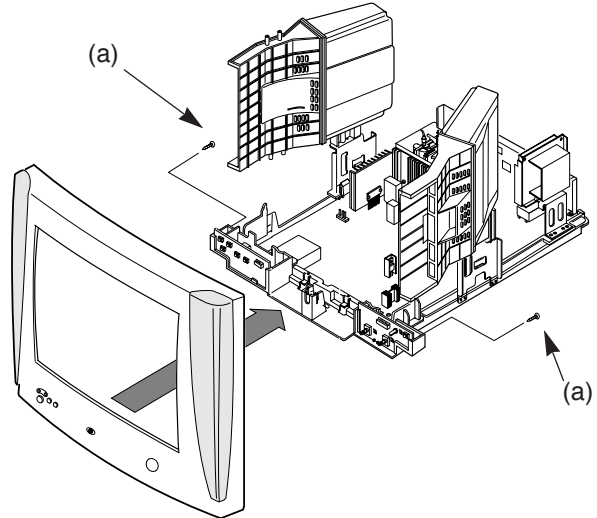
## 1. TILT/SWIVEL REMOVAL

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



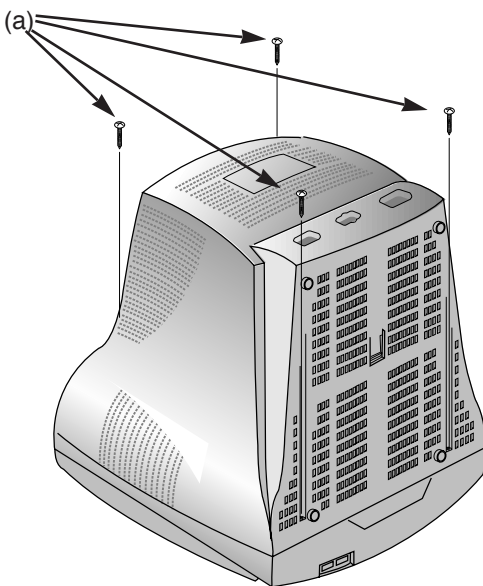
## 3. TOTAL CHASSIS ASSEMBLY REMOVAL

- (1) Disconnect P901 (Degaussing pin), P701 (H-DY pin), and P601 (V-DY pin).
- (2) Remove two screws (a) from the Main Bracket to separate it from the Front Cabinet.



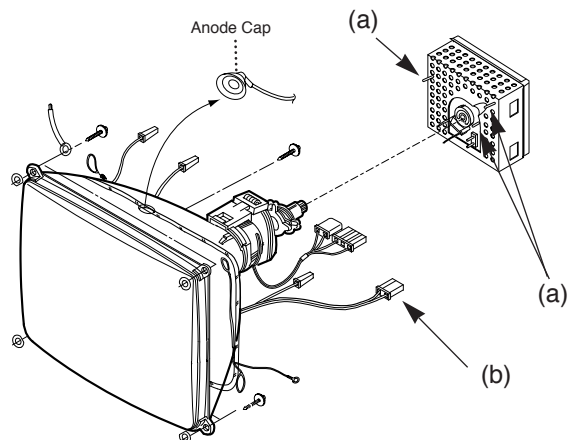
## 2. BACK COVER REMOVAL

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



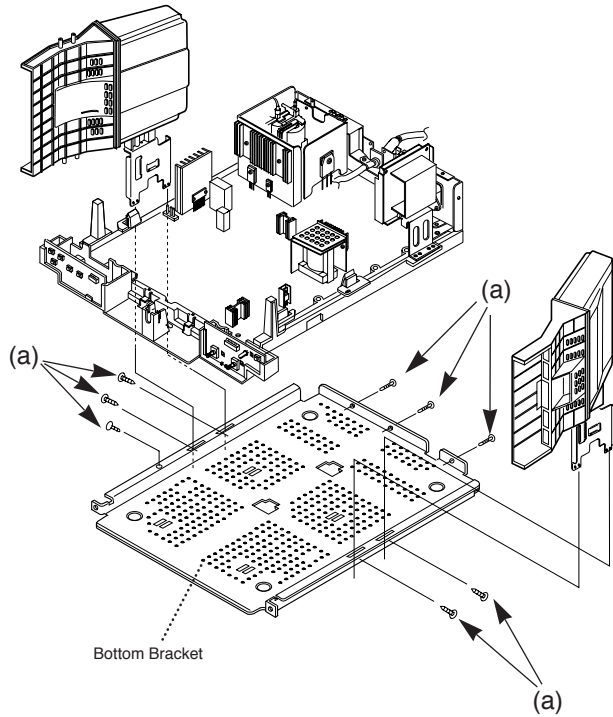
## 4. CRT BOARD ASSEMBLY REMOVAL

- (1) Remove three pins (a).
- (2) Remove the CRT ground connector (b).
- (3) Carefully separate the CRT Board Assembly from the CRT neck.
- (4) Discharge the remaining static electricity by shorting between the Anode Cap and the CRT ground.
- (5) Disconnect the Anode Cap from the CRT.



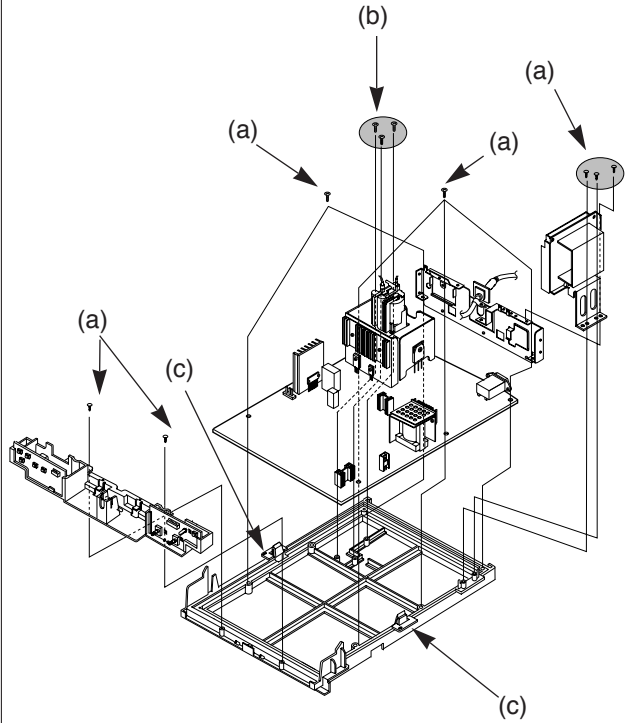
### 5. BOTTOM BRACKET REMOVAL

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

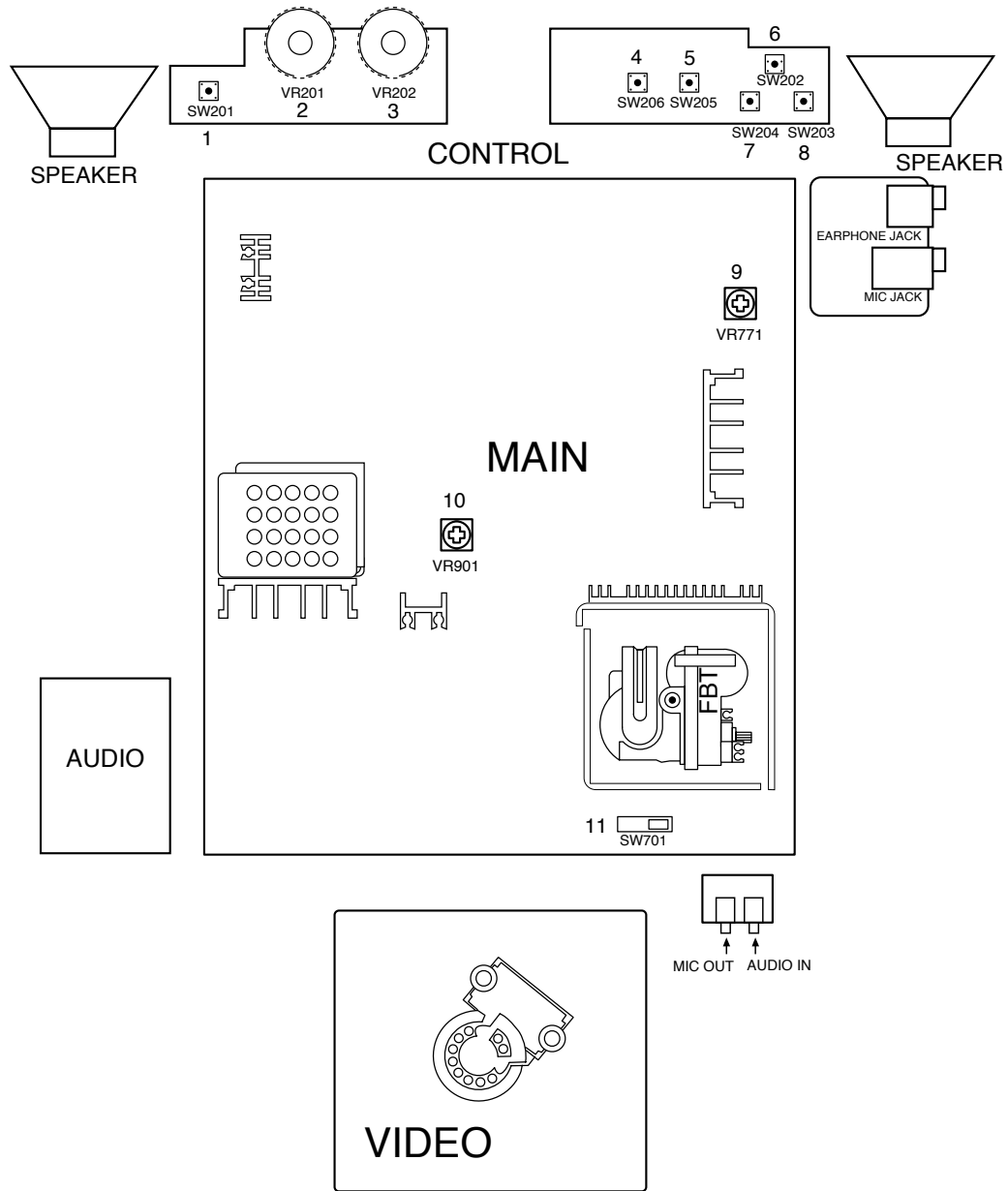


### 6. MAIN BOARD ASSEMBLY REMOVAL

- (1) Remove ten screws (a).
- (2) Remove three screws (b).
- (3) Release two latches (c) from the Main Board Assembly.

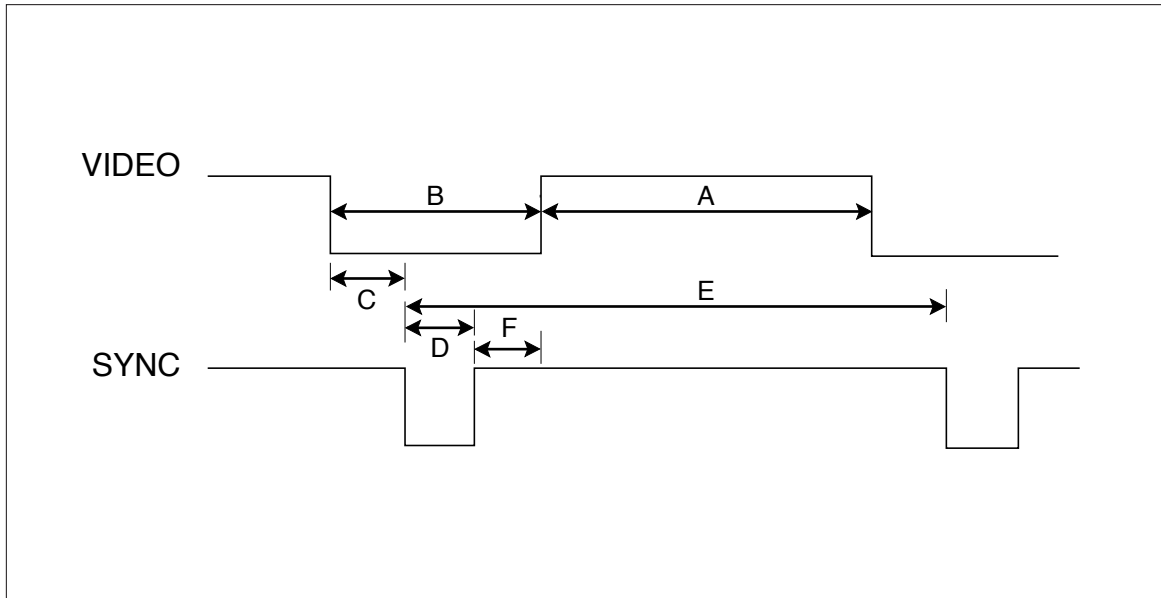


# CONTROL LOCATIONS



No.	Ref. No.	Control Function	No.	Ref. No.	Control Function
1	SW201	POWER SWITCH	7	SW204	OSD SELECT RIGHT
2	VR201	CONTRAST CONTROL	8	SW203	OSD SELECT LEFT
3	VR202	BRIGHTNESS CONTROL	9	VR771	H/V ADJUSTMENT
4	SW206	SOUND MUTE	10	VR901	B <sup>+</sup> ADJUSTMENT
5	SW205	SOUND	11	SW701	H-RASTER CENTER SW
6	SW202	ENTER BUTTON			

# TIMING CHART



MODE			FACTORY PRESET MODE							
			MARK	MODE 1	MODE 2	MODE 3	MODE 4	MODE 5	MODE 6	MODE 7
H O R I Z O N T A L	Sync Polarity			-	+	-	+	+	+	+
	Frequency	kHz		31.47	37.88	43.27	53.68	60.02	63.98	68.677
	Total Period	$\mu$ s	E	31.78	26.40	23.11	18.63	16.66	15.63	14.561
	Video Active Time	$\mu$ s	A	25.42	20.00	17.78	14.22	13.00	11.85	10.836
	Blanking Time	$\mu$ s	B	6.36	6.40	5.33	4.41	3.66	3.78	3.725
	Front Porch	$\mu$ s	C	0.64	1.00	0.89	0.57	0.20	0.44	0.508
	Sync Duration	$\mu$ s	D	3.81	3.20	1.33	1.14	1.22	1.04	1.016
	Back Porch	$\mu$ s	F	1.91	2.20	3.11	2.70	2.24	2.30	2.201
V E R T I C A L	Sync Polarity			+	+	-	+	+	+	+
	Frequency	Hz		70.080	60.320	85.010	85.070	75.030	60.02	85.00
	Total Period	ms	E	14.269	16.579	11.763	11.755	13.328	16.661	11.764
	Video Active Time	ms	A	12.712	15.840	11.093	11.178	12.795	16.005	11.182
	Blanking Time	ms	B	1.557	0.739	0.670	0.577	0.533	0.656	0.582
	Front Porch	ms	C	0.414	0.026	0.023	0.018	0.017	0.015	0.014
	Sync Duration	ms	D	0.063	0.106	0.069	0.056	0.050	0.047	0.044
	Back Porch	ms	F	1.080	0.607	0.578	0.503	0.466	0.594	0.524
<b>Resolution</b>				<b>640 x 400 70Hz</b>	<b>800 x 600 60Hz</b>	<b>640 x 480 85Hz</b>	<b>800 x 600 85Hz</b>	<b>1024 x 768 75Hz</b>	<b>1280 x 1024 60Hz</b>	<b>1024 x 768 85Hz</b>
<b>RECALL</b>				Yes	Yes	Yes	Yes	Yes	Yes	Yes



## 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: (StudioWorks) 77M				DATE: 1998 . 2. 1.	
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
<b>MAIN BOARD</b>					
<b>CAPACITORS</b>					
		C401	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C402	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C403	0CE4766H618	CAPACITOR, AL.ELECTROLYTIC, 47M SMS 25V M FL TP(5)	
		C404	0CC2200K415	CAPACITOR, CERAMIC (TEMP. COMPENSATE), 22P 50V	
		C405	0CC2200K415	CAPACITOR, CERAMIC (TEMP. COMPENSATE), 22P 50V	
		C406	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C407	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C408	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C409	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C410	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C411	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C412	0CN1010K519	CAPACITOR, TUBULAR(HIGH DIELEC), 100P 50V K B TA52	
		C413	0CN1010K519	CAPACITOR, TUBULAR(HIGH DIELEC), 100P 50V K B TA52	
		C414	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C415	0CE1076F618	CAPACITOR, AL.ELECTROLYTIC, 100UF SMS 16V M TP(5)	
		C416	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C417	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C418	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C419	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C501	0CE106BK638	CAPACITOR, AL.ELECTROLYTIC, 10U KME 50V M FM5 TP5	
		C502	0CE106BK638	CAPACITOR, AL.ELECTROLYTIC, 10U KME 50V M FM5 TP5	
		C503	181-288B	CAPACITOR, POLYESTER, MKT 100V 104JTR PHS26104	
		C511	0CE108CF618	CAPACITOR, AL.ELECTROLYTIC, 1000UF SHL 16V M FL TP5	
		C512	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C513	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C514	181-482A	CAPACITOR, POLYPROPYLENE, MPP 250V 104J(S=7.5)TAPING	
		C515	0CE226CR618	CAPACITOR, AL.ELECTROLYTIC, 22UF SHL,SD 250V M FL TP 5	
		C517	181-305Q	CAPACITOR, POLYPROPYLENE, MPP 250V 155J S=20.0	
		C519	0CK1510W515	CAPACITOR, CERAMIC (HIGH DIELECTRIC), 150PF 500V K B	
		C520	181-288H	CAPACITOR, POLYESTER, MKT 100V 333JTR PHS 86333	
		C521	0CN1210K519	CAPACITOR, TUBULAR(HIGH DIELEC), 120P 50V K B TA52	
		C522	0CQ1021N419	CAPACITOR, POLYESTER, 1000P 100V J POLY NI TP	
		C523	0CN1020K519	CAPACITOR, TUBULAR(HIGH DIELEC), 1000P 50V K B TA52	
		C524	0CN1020K519	CAPACITOR, TUBULAR(HIGH DIELEC), 1000P 50V K B TA52	
		C526	0CE106BK638	CAPACITOR, AL.ELECTROLYTIC, 10U KME 50V M FM5 TP5	
		C527	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C529	0CN1210K519	CAPACITOR, TUBULAR(HIGH DIELEC), 120P 50V K B TA52	

MODEL: (StudioWorks) 77M				DATE: 1998 . 2. 1.	
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		C530	0CQ1021N419	CAPACITOR, POLYESTER, 1000P 100V J POLY NI TP	
		C531	0CE106CQ618	CAPACITOR, AL.ELECTROLYTIC, 10UF SHL 200V M FL TP5	
		C541	181-288C	CAPACITOR, POLYESTER, MKT 100V 224JTR PHS 26224	
		C542	181-288H	CAPACITOR, POLYESTER, MKT 100V 333JTR PHS 86333	
		C544	0CK10302945	CAPACITOR, CERAMIC (HIGH DIELECTRIC), 0.01UF 2KV Z F	
		C548	0CK10302945	CAPACITOR, CERAMIC (HIGH DIELECTRIC), 0.01UF 2KV Z F	
		C551	0CE2266K618	CAPACITOR, AL.ELECTROLYTIC, 22M SMS 50V M FM5 TP(5)	
		C552	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C553	0CN2210K519	CAPACITOR, TUBULAR(HIGH DIELEC), 220P 50V K B TA52	
		C554	0CK1020W515	CAPACITOR, CERAMIC (HIGH DIELECTRIC), 1000P 500V K B	
		C571	0CE2256P618	CAPACITOR, AL.ELECTROLYTIC, 2.2U SMS 160V M FM5 TP5	
		C572	0CE477CF618	CAPACITOR, AL.ELECTROLYTIC, 470UF SHL 16V M FL TP5	
		C573	0CE2266K618	CAPACITOR, AL.ELECTROLYTIC, 22M SMS 50V M FM5 TP(5)	
		C574	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C575	0CK1020W515	CAPACITOR, CERAMIC (HIGH DIELECTRIC), 1000P 500V K B	
		C581	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C582	0CE106CP618	CAPACITOR, AL.ELECTROLYTIC, 10U SHL 160V M FL TP5	
		C583	0CE3356N618	CAPACITOR, AL.ELECTROLYTIC, 3.3M SMS 100V M FM5 TP5	
		C584	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C602	0CE228CH618	CAPACITOR, AL.ELECTROLYTIC, 2200U SHL 25V M FL TP5	
		C603	181-288H	CAPACITOR, POLYESTER, MKT 100V 333JTR PHS 86333	
		C604	0CQ2221N419	CAPACITOR, POLYESTER, 2200PF 100V J PE NI TP	
		C605	0CE107CN618	CAPACITOR, AL.ELECTROLYTIC, 100UF SHL 100V M FL TP5	
		C606	0CE477CH618	CAPACITOR, AL.ELECTROLYTIC, 470UF SHL 25V M FL TP5	
		C607	0CE337CH638	CAPACITOR, AL.ELECTROLYTIC, 330UF SHL 25V M FM5 TP5	
		C702	0CE106BK638	CAPACITOR, AL.ELECTROLYTIC, 10U KME 50V M FM5 TP5	
		C703	181-288N	CAPACITOR, POLYESTER, MKT 100V 103JTR PHS86103	
		C706	0CE477CF618	CAPACITOR, AL.ELECTROLYTIC, 470UF SHL 16V M FL TP5	
		C707	0CQ2221N419	CAPACITOR, POLYESTER, 2200PF 100V J PE NI TP	
		C708	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C709	0CE3376F618	CAPACITOR, AL.ELECTROLYTIC, 330M SMS 16V M FM5 TP5	
		C719	181-288Q	CAPACITOR, POLYESTER, MKT 100V 154JTR PHS26154	
		C723	181-288E	CAPACITOR, POLYESTER, MKT 100V 474JTR PHS 26474	
		C724	0CE2266K618	CAPACITOR, AL.ELECTROLYTIC, 22M SMS 50V M FM5 TP(5)	
		C725	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C727	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C728	0CE106BK638	CAPACITOR, AL.ELECTROLYTIC, 10U KME 50V M FM5 TP5	
		C729	0CE106BK638	CAPACITOR, AL.ELECTROLYTIC, 10U KME 50V M FM5 TP5	
		C730	181-288B	CAPACITOR, POLYESTER, MKT 100V 104JTR PHS26104	
		C731	0CN2210K519	CAPACITOR, TUBULAR(HIGH DIELEC), 220P 50V K B TA52	
		C732	0CQ8221N519	CAPACITOR, POLYESTER, 0.0082U 100V K POLY NI TP	
		C733	181-288B	CAPACITOR, POLYESTER, MKT 100V 104JTR PHS26104	
		C734	181-288N	CAPACITOR, POLYESTER, MKT 100V 103JTR PHS86103	
		C735	181-288R	CAPACITOR, POLYESTER, MKT 100V 123JTR PHS86123	
		C736	181-288P	CAPACITOR, POLYESTER, MKT 100V 153JTR PHS86153	
		C737	0CC1500K415	CAPACITOR, CERAMIC (TEMP. COMPENSATE), 15P 50V	

MODEL: (StudioWorks) 77M				DATE: 1998 . 2. 1.	
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		C738	0CE1076H618	CAPACITOR, AL.ELECTROLYTIC, 100M SMS 25V M FM5 TP(5)	
		C739	0CN4710K519	CAPACITOR, TUBULAR(HIGH DIELEC), 470P 50V K B TA52	
		C741	0CE106BK638	CAPACITOR, AL.ELECTROLYTIC, 10U KME 50V M FM5 TP5	
		C742	0CE2266K618	CAPACITOR, AL.ELECTROLYTIC, 22M SMS 50V M FM5 TP(5)	
		C743	181-288N	CAPACITOR, POLYESTER, MKT 100V 103JTR PHS86103	
		C747	181-288Q	CAPACITOR, POLYESTER, MKT 100V 154JTR PHS26154	
		C748	181-309N	CAPACITOR, POLYPROPYLENE, BUP 1.6KV 472J S=20.0	
		C751	181-305S	CAPACITOR, POLYPROPYLENE, MPP 250V 424J S=20.0	
		C752	181-305M	CAPACITOR, POLYPROPYLENE, MPP 250V 824J S=15.0	
		C753	181-305C	CAPACITOR, POLYPROPYLENE, MPP 250V 154J S=10.0	
		C754	181-292D	CAPACITOR, POLYPROPYLENE, MPP 800V 473J S=10.0	
		C755	181-305G	CAPACITOR, POLYESTER, MPP 250V 334J S=10.0	
		C756	0CE2266K618	CAPACITOR, AL.ELECTROLYTIC, 22M SMS 50V M FM5 TP(5)	
		C761	0CE2266K618	CAPACITOR, AL.ELECTROLYTIC, 22M SMS 50V M FM5 TP(5)	
		C770	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C771	181-288J	CAPACITOR, POLYESTER, MKT 100V 563JTR PHS26563	
		C772	0CE106BK638	CAPACITOR, AL.ELECTROLYTIC, 10U KME 50V M FM5 TP5	
		C776	181-288B	CAPACITOR, POLYESTER, MKT 100V 104JTR PHS26104	
		C777	0CE3356K618	CAPACITOR, AL.ELECTROLYTIC, 3.3U SMS 50V M FM5 TP5	
		C778	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C779	0CE2266K618	CAPACITOR, AL.ELECTROLYTIC, 22M SMS 50V M FM5 TP(5)	
		C780	181-288B	CAPACITOR, POLYESTER, MKT 100V 104JTR PHS26104	
		C781	0CE2266K618	CAPACITOR, AL.ELECTROLYTIC, 22M SMS 50V M FM5 TP(5)	
		C782	0CN2210K519	CAPACITOR, TUBULAR(HIGH DIELEC), 220P 50V K B TA52	
		C783	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C790	0CE1056K618	CAPACITOR, AL.ELECTROLYTIC, 1.0U SMS 50V M FM5 TP5	
		C791	0CE227CR650	CAPACITOR, AL.ELECTROLYTIC, 220UF SHL 250V M FM7.5	
		C792	181-483A	CAPACITOR, POLYPROPYLENE, BUP 1.6KV 102J(S=7.5)	
		C793	0CE337CH638	CAPACITOR, AL.ELECTROLYTIC, 330UF SHL 25V M FM5 TP5	
		C794	0CE337CH638	CAPACITOR, AL.ELECTROLYTIC, 330UF SHL 25V M FM5 TP5	
		C795	0CE107CN618	CAPACITOR, AL.ELECTROLYTIC, 100UF SHL 100V M FL TP5	
		C796	0CE106CP618	CAPACITOR, AL.ELECTROLYTIC, 10U SHL 160V M FL TP5	
		C797	0CK47101515	CAPACITOR, CERAMIC (HIGH DIELECTRIC), 470P 1KV K B TS	
		C798	181-483A	CAPACITOR, POLYPROPYLENE, BUP 1.6KV 102J(S=7.5)	
		C799	0CBZTBU003K	CAPACITOR, POLYPROPYLENE, BUP 800V 472J(20*13*8*10)	
⚠		C901	0CBZTBU002B	CAPACITOR, POLYESTER, BULK PCX2 335 474K	
		C902	0CKZTTA001C	CAPACITOR, CERAMIC (HIGH DIELECTRIC), DE1307-486	
⚠		C905	0CBZTBU002C	CAPACITOR, POLYESTER, BULK PCX2 335 104M	
		C906	181-296F	CAPACITOR, AL.ELECTROLYTIC, 330UF 400V (30*40)	
		C908	0CK47101515	CAPACITOR, CERAMIC (HIGH DIELECTRIC), 470P 1KV K B TS	
		C909	181-306N	CAPACITOR, POLYPROPYLENE, PU 800V 103J S=10.0	
		C915	0CE106CQ618	CAPACITOR, AL.ELECTROLYTIC, 10UF SHL 200V M FL TP5	
		C918	0CKZTTA001A	CAPACITOR, CERAMIC (HIGH DIELECTRIC), DE1007-486 E	
		C921	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C922	0CE106BK638	CAPACITOR, AL.ELECTROLYTIC, 10U KME 50V M FM5 TP5	
		C923	0CE1076H618	CAPACITOR, AL.ELECTROLYTIC, 100M SMS 25V M FM5 TP(5)	

MODEL: (StudioWorks) 77M				DATE: 1998 . 2. 1.	
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		C924	0CE4766H618	CAPACITOR, AL.ELECTROLYTIC, 47M SMS 25V M FL TP(5)	
		C925	181-288N	CAPACITOR, POLYESTER, MKT 100V 103JTR PHS86103	
		C926	0CQ1021N419	CAPACITOR, POLYESTER, 1000P 100V J POLY NI TP	
		C927	0CQ6821N419	CAPACITOR, POLYESTER, 6800PF 100V J PE NI TP	
		C928	0CN1020K519	CAPACITOR, TUBULAR(HIGH DIELEC), 1000P 50V K B TA52	
		C929	0CKZTTA001C	CAPACITOR, CERAMIC (HIGH DIELECTRIC), DE1307-486 E	
		C951	0CE227CR650	CAPACITOR, AL.ELECTROLYTIC, 220UF SHL 250V M FM7.5	
		C952	0CE228CF618	CAPACITOR, AL.ELECTROLYTIC, 2200U SHL 16V M FL TP5	
		C953	0CE1076H618	CAPACITOR, AL.ELECTROLYTIC, 100M SMS 25V M FM5 TP(5)	
		C958	0CE107CN618	CAPACITOR, AL.ELECTROLYTIC, 100UF SHL 100V M FL TP5	
		C959	0CE3366N618	CAPACITOR, AL.ELECTROLYTIC, 33U SMS 100V M FM5 TP5	
		C960	0CE228CH618	CAPACITOR, AL.ELECTROLYTIC, 2200U SHL 25V M FL TP5	
		C961	0CE108CD618	CAPACITOR, AL.ELECTROLYTIC, 1000UF SHL 10V M FL TP5	
		C962	0CE477CH618	CAPACITOR, AL.ELECTROLYTIC, 470UF SHL 25V M FL TP5	
		C963	0CE477CH618	CAPACITOR, AL.ELECTROLYTIC, 470UF SHL 25V M FL TP5	
		C964	0CE1076H618	CAPACITOR, AL.ELECTROLYTIC, 100M SMS 25V M FM5 TP(5)	
		C971	0CE476ER618	CAPACITOR, AL.ELECTROLYTIC, 47UF KMG 250V M FL TP 5	
		C972	0CE477CH618	CAPACITOR, AL.ELECTROLYTIC, 470UF SHL 25V M FL TP5	
		C973	0CK1020W515	CAPACITOR, CERAMIC (HIGH DIELECTRIC), 1000P 500V	
		C974	0CE2266K618	CAPACITOR, AL.ELECTROLYTIC, 22M SMS 50V M FM5 TP(5)	
		C976	181-288B	CAPACITOR, POLYESTER, MKT 100V 104JTR PHS26104	
		C977	0CE2276F618	CAPACITOR, AL.ELECTROLYTIC, 220UF SMS 16V M FL TP5	
		C980	0CE2256K618	CAPACITOR, AL.ELECTROLYTIC, 2.2U SMS 50V M FM5 TP5	
		C991	0CE2276F618	CAPACITOR, AL.ELECTROLYTIC, 220UF SMS 16V M FL TP5	
		C992	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C993	0CE108CF618	CAPACITOR, AL.ELECTROLYTIC, 1000UF SHL 16V M FL TP5	
		C994	181-288B	CAPACITOR, POLYESTER, MKT 100V 104JTR PHS26104	
<b>DIODEs</b>					
		D401	0DZ510009AB	DIODE, ZENER, MTZ5.1B, TP(52MM), ROHM	
		D402	0DZ510009AB	DIODE, ZENER, MTZ5.1B, TP(52MM), ROHM	
		D403	0DZ510009AB	DIODE, ZENER, MTZ5.1B, TP(52MM), ROHM	
		D404	0DZ510009AB	DIODE, ZENER, MTZ5.1B, TP(52MM), ROHM	
		D405	0DZ510009AB	DIODE, ZENER, MTZ5.1B, TP(52MM), ROHM	
		D407	0DZ560009AA	DIODE, ZENER, MTZ5.6B, TP(52MM), ROHM	
		D410	0DZ510009AB	DIODE, ZENER, MTZ5.1B, TP(52MM), ROHM	
		D411	0DZ510009AB	DIODE, ZENER, MTZ5.1B, TP(52MM), ROHM	
		D412	0DZ360009AA	DIODE, ZENER, MTZ3.6B TP(52MM),ROHM	
		D415	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D501	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D511	0DZ430009AC	DIODE, ZENER, MTZ4.3B, (52MM) TP, ROHM	
		D512	971-0016	WIRE, TIN HDC 0.60H	
		D513	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D514	0DZ180009AA	DIODE, ZENER, MTZ18B, TP(52MM), ROHM	
		D515	0DD200009AH	DIODE, RECTIFIER, RU2AMV(1) TP, SANKEN	

MODEL: (StudioWorks) 77M				DATE: 1998 . 2. 1.	
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		D521	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D522	0DZ910009BA	DIODE, ZENER, MTZ9.1B, TP(52MM), ROHM	
		D531	0RD0102H609	RESISTOR, FIXED CARBON FILM, 10 1/2W 5% TA52	
		D541	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D542	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D543	0DD10009DK	DIODE, RECTIFIER, RU1P V(1) TP, SANKEN	
		D544	0DD10009DK	DIODE, RECTIFIER, RU1P V(1) TP, SANKEN	
		D551	0DZ750009AA	DIODE, ZENER, MTZ7.5B, TP(52MM), ROHM	
		D552	0DZ750009AA	DIODE, ZENER, MTZ7.5B, TP(52MM), ROHM	
		D554	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D555	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D571	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D572	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D573	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D574	0DR330009CA	DIODE, RECTIFIER, BYD33D TP PHILIPS SOD81 1.3W 1.3V	
		D575	0DR330009CA	DIODE, RECTIFIER, BYD33D TP PHILIPS SOD81 1.3W 1.3V	
		D581	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D583	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D592	0DZ300009BA	DIODE, ZENER, MTZ30B, TP(52MM), ROHM	
		D701	0DD245620AA	DIODE, RECTIFIER, 2NH45(LC6-20) TOSHIBA	
		D702	0DD245620AA	DIODE, RECTIFIER, 2NH45(LC6-20) TOSHIBA	
		D703	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D705	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D711	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D712	0DZ180009AA	DIODE, ZENER, MTZ18B, TP(52MM), ROHM	
		D718	0DZ510009AB	DIODE, ZENER, MTZ5.1B, TP(52MM), ROHM	
		D720	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D721	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D722	0DZ150009BD	DIODE, ZENER, MTZ15B, TP(52MM), ROHM	
		D723	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D724	0DZ750009AA	DIODE, ZENER, MTZ7.5B, TP(52MM), ROHM	
		D725	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D731	0DD860009AA	DIODE, RECTIFIER, BAT 86 TP PHILIPS	
		D732	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D741	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D744	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D745	0DR400500AA	DIODE, RECTIFIER, SB40-05J BK SANYO TO-220ML 1.1W	
		D750	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D751	0DR330009DA	DIODE, RECTIFIER, BYD33G, TP, PHILIPS SOD81 1.3W 1.3V	
		D752	0DD10009DE	DIODE, RECTIFIER, RGP10G,TP(52MM),GI	
		D761	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D769	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D771	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D772	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D773	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D774	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	

MODEL: (StudioWorks) 77M				DATE: 1998 . 2. 1.	
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		D790	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D791	0DD200009AH	DIODE, RECTIFIER, RU2AMV(1), TP, SANKEN	
		D792	0DD200009AH	DIODE, RECTIFIER, RU2AMV(1), TP, SANKEN	
		D793	0DD100009DE	DIODE, RECTIFIER, RGP10G, TP(52MM), GI	
		D794	0DD100009DE	DIODE, RECTIFIER, RGP10G, TP(52MM), GI	
		D795	0DD100009DE	DIODE, RECTIFIER, RGP10G, TP(52MM), GI	
		D798	0DD100009DA	DIODE, RECTIFIER, RGP10J,TP(52MM),GI	
△		D901	0DD406000AB	DIODE, BRIDGE, RBV406M FL-B (032-202), SANKEN	
		D902	0DR330009DA	DIODE, RECTIFIER, BYD33G TP, PHILIPS SOD81 1.3W 1.3V	
		D903	0DD100009DK	DIODE, RECTIFIER, RU1P V(1) TP, SANKEN	
		D911	0DZ180009AA	DIODE, ZENER, MTZ18B, TP(52MM), ROHM	
		D912	0DZ150009BD	DIODE, ZENER, MTZ15B, TP(52MM), ROHM	
△		D913	0DR330009EA	DIODE, RECTIFIER, BYD33M TP, PHILIPS SOD81 1.3W 1.3V	
		D921	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D922	0DZ180009AA	DIODE, ZENER, MTZ18B, TP(52MM), ROHM	
		D924	0DR330009CA	DIODE, RECTIFIER, BYD33D TP, PHILIPS SOD81 1.3W 1.3V	
△		D925	0DR330009CA	DIODE, RECTIFIER, BYD33D TP, PHILIPS SOD81 1.3W 1.3V	
		D927	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D951	0DD300009AD	DIODE, RECTIFIER, RU3CV(1) TP, SANKEN	
		D954	0DZ820009AA	DIODE, ZENER, MTZ8.2B, TP(52MM), ROHM	
		D955	0DD300009AC	DIODE, RECTIFIER, RU3AMV(1), TP, SANKEN	
		D956	0DD100009DA	DIODE, RECTIFIER, RGP10J, TP(52MM), GI	
		D957	0DR520000AA	DIODE, RECTIFIER, D5LC20U BK SHINDENGEN ITO220 200V	
		D958	0DD300900AB	DIODE, RECTIFIER, SB30-09, SANYO	
		D959	0DR330009CA	DIODE, RECTIFIER, BYD33D TP, PHILIPS SOD81 1.3W 1.3V	
		D971	0DR330009CA	DIODE, RECTIFIER, BYD33D TP, PHILIPS SOD81 1.3W 1.3V	
		D973	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D974	0DR330009CA	DIODE, RECTIFIER, BYD33D TP, PHILIPS SOD81 1.3W 1.3V	
		D975	0DZ820009AA	DIODE, ZENER, MTZ8.2B, TP(52MM), ROHM	
		D976	0DZ560009AA	DIODE, ZENER, MTZ5.6B, TP(52MM), ROHM	
		D977	0DZ910009BA	DIODE, ZENER, MTZ9.1B, TP(52MM), ROHM	
		D991	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D992	0DD400000AA	DIODE, RECTIFIER, RL4Z,SANKEN	
ICs					
		IC401	0IMO680516A	IC, MOTOROLA, MC68HC05BD16 42PIN BK MCU OTP CS780	
		IC403	0IAL240800A	IC, ATMEL, AT24C08 8D EEPROM(8K,IIC)	
		IC501	0ISS393000F	IC, SAMSUNG ELECTRONICS, KA393	
		IC502	0IKE358000A	IC, KEC, KIA358P(OP AMP)	
		IC551	0IPH401300A	IC, PHILIPS, HEF4013BP 14P DIP BK FLIP FLOP	
		IC601	0IPH486630A	IC, PHILIPS, TDA4866/V3	
△		IC701	0IPH485400A	IC, PHILIPS, TDA4854 SDIP32 BK H/V SYNC PROCESS	
		IC704	0IKE358000A	IC, KEC, KIA358P(OP AMP)	
△		IC901	0ISS384200A	IC, SAMSUNG ELECTRONICS, KA3842B (PWM)	
△		IC902	0ITO721400A	IC, TOSHIBA, TLP721[D4-GR] 4D PHOTO(SEMKO)	

MODEL: (StudioWorks) 77M				DATE: 1998 . 2. 1.	
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		IC951	0ISS781200F	IC, SAMSUNG ELECTRONICS, KA7812	
		IC952	0ISS780500F	IC, SAMSUNG ELECTRONICS, KA7805	
		IC953	0IKE431000B	IC, KEC, KIA431 (TP)	
<b>COILS &amp; CORES</b>					
		J160	125-155K	CORE (CIRC), FERRITE, BEAD (BFS3550A0FG), SAMHWA	
		L401	125-155J	CORE (CIRC), FERRITE, BEAD (BFS2550A0FG), SAMHWA	
		L402	125-155J	CORE (CIRC), FERRITE, BEAD (BFS2550A0FG), SAMHWA	
		L403	125-155J	CORE (CIRC), FERRITE, BEAD (BFS2550A0FG), SAMHWA	
		L404	125-155J	CORE (CIRC), FERRITE, BEAD (BFS2550A0FG), SAMHWA	
		L511	125-155J	CORE (CIRC), FERRITE, BEAD (BFS2550A0FG), SAMHWA	
		L512	150-985D	COIL, CHOKE, 2.5MH	
		L513	125-155J	CORE (CIRC), FERRITE, BEAD (BFS2550A0FG), SAMHWA	
		L514	125-155L	CORE (CIRC), FERRITE, BEAD (BFS3580A0FG), SAMHWA	
		L748	125-155J	CORE (CIRC), FERRITE, BEAD (BFS2550A0FG), SAMHWA	
		L751	150-539G	COIL,CHOKE, H-CENTERING (4.5MH)	
		L791	125-155J	CORE (CIRC), FERRITE, BEAD (BFS2550A0FG), SAMHWA	
		L792	125-155J	CORE (CIRC), FERRITE, BEAD (BFS2550A0FG), SAMHWA	
		L793	150-985F	COIL, CHOKE, 10*10 10UH	
⚠		L901	150-A50D	FILTER(CIRC), LINE, L/FILTER,SQ2930,10MH MIN	
		L902	125-155J	CORE (CIRC), FERRITE, BEAD (BFS2550A0FG), SAMHWA	
		L903	125-155J	CORE (CIRC), FERRITE, BEAD (BFS2550A0FG), SAMHWA	
		L911	125-155K	CORE (CIRC), FERRITE, BEAD (BFS3550A0FG), SAMHWA	
		L912	125-155J	CORE (CIRC), FERRITE, BEAD (BFS2550A0FG), SAMHWA	
		L961	125-155L	CORE (CIRC), FERRITE, BEAD (BFS3580A0FG), SAMHWA	
		L962	125-155J	CORE (CIRC), FERRITE, BEAD (BFS2550A0FG), SAMHWA	
		L971	150-235F	COIL, CHOKE, 25uH 1A	
<b>TRANSISTORS</b>					
		Q501	0TR102709AA	TRANSISTOR, KTC1027-Y (KTC2235) TP, KEC	
		Q502	0TR114009AB	TRANSISTOR, DTC114ES, TP, ROHM	
		Q503	0TR127009AA	TRANSISTOR, KTA1270-Y (KTA562TM) TP, KEC	
		Q504	0TR127509AC	TRANSISTOR, KTA1275-Y TP(KTA1013), KEC	
		Q511	0TR127009AA	TRANSISTOR, KTA1270-Y (KTA562TM) TP, KEC	
		Q512	0TR320209AA	TRANSISTOR, KTC3202-TP-Y (KTC1959)KEC	
		Q513	0TR127009AA	TRANSISTOR, KTA1270-Y (KTA562TM) TP, KEC	
		Q514	0TF306000AA	FET, 2SJ306, SANYO	
		Q521	0TR390409AA	TRANSISTOR, 2N3904, TP, MOTOROLA	
		Q530	0TR114009AB	TRANSISTOR, DTC114ES, TP, ROHM	
		Q555	0TR390409AA	TRANSISTOR, 2N3904, TP, MOTOROLA	
		Q556	0TR114009AB	TRANSISTOR, DTC114ES, TP, ROHM	
		Q571	0TR114009AB	TRANSISTOR, DTC114ES, TP, ROHM	
		Q572	0TR127509AC	TRANSISTOR, KTA1275-Y TP(KTA1013), KEC	
		Q573	0TR320709AA	TRANSISTOR, KTC3207,TP(KTC2482), KEC	
		Q574	0TR102409AB	TRANSISTOR, KTA1024-Y (KTA949) TP, KEC	



MODEL: (StudioWorks) 77M				DATE: 1998 . 2. 1.	
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		Q575	0TR102409AB	TRANSISTOR, KTA1024-Y (KTA949) TP, KEC	
		Q576	0TR319809AA	TRANSISTOR, KTC3198-TP-Y (KTC1815), KEC	
		Q591	0TR320609AB	TRANSISTOR, KTC3206-Y,TP(KTC2229), KEC	
		Q708	0TR114009AA	TRANSISTOR, DTA114ES, TP, ROHM	
		Q709	0TR114009AA	TRANSISTOR, DTA114ES, TP, ROHM	
		Q711	0TR390409AA	TRANSISTOR, 2N3904, TP, MOTOROLA	
		Q712	0TR320209AA	TRANSISTOR, KTC3202-TP-Y (KTC1959), KEC	
		Q713	0TR127009AA	TRANSISTOR, KTA1270-Y (KTA562TM) TP, KEC	
⚠		Q714	0TF284700AA	FET, 2SK2847	
		Q721	0TR390409AA	TRANSISTOR, 2N3904, TP, MOTOROLA	
		Q722	0TR463200AA	TRANSISTOR, 2SC4632LS BK SANYO TO-220FI(LS)	
		Q723	0TR390409AA	TRANSISTOR, 2N3904, TP, MOTOROLA	
		Q724	0TR463200AA	TRANSISTOR, 2SC4632LS BK SANYO TO-220FI(LS)	
		Q742	0TR200009AB	TRANSISTOR, KTC200-Y, TP, KEC	
		Q751	0TR114009AB	TRANSISTOR, DTC114ES, TP, ROHM	
		Q752	0TF640000BB	FET, IRFS640, SAMSUNG	
		Q753	0TR114009AB	TRANSISTOR, DTC114ES, TP, ROHM	
		Q754	0TF213400AA	FET, 2SK2134, NEC	
		Q755	0TR114009AB	TRANSISTOR, DTC114ES, TP, ROHM	
		Q756	0TF213400AA	FET, 2SK2134, NEC	
		Q757	0TR114009AB	TRANSISTOR, DTC114ES, TP, ROHM	
		Q758	0TF213400AA	FET, 2SK2134, NEC	
		Q761	0TR320509AB	TRANSISTOR, KTC3205-Y (KTC2236A) TP, KEC	
		Q771	0TR319809AA	TRANSISTOR, KTC3198-TP-Y (KTC1815), KEC	
		Q772	0TR319809AA	TRANSISTOR, KTC3198-TP-Y (KTC1815), KEC	
		Q773	0TR319809AA	TRANSISTOR, KTC3198-TP-Y (KTC1815), KEC	
		Q774	0TR127009AA	TRANSISTOR, KTA1270-Y (KTA562TM) TP, KEC	
⚠		Q911	0TF141800AA	FET, FS14SM-18A(W/MICA) BK MITSUBISHI 900V 14AA TO-3P	
⚠		Q912	0TR102609AC	TRANSISTOR, KTC1026-Y (KTC2230A), TP	
⚠		Q913	0TR320609AB	TRANSISTOR, KTC3206-Y,TP(KTC2229), KEC	
		Q921	0TR127009AA	TRANSISTOR, KTA1270-Y (KTA562TM) TP, KEC	
		Q923	0TR506209AA	TRANSISTOR, 2N5062RLRM(SCR) TP, MOTOROLA	
		Q954	0TR114009AB	TRANSISTOR, DTC114ES, TP, ROHM	
		Q971	0TR401000CC	TRANSISTOR, KSD401-Y,(W/MICA),SS	
		Q972	0TR231609AA	TRANSISTOR, KSC2316-Y TP, SAMSUNG	
		Q973	0TR200009AB	TRANSISTOR, KTC200-Y, TP, KEC	
		Q974	0TR114009AB	TRANSISTOR, DTC114ES, TP, ROHM	
		Q991	0TR319809AA	TRANSISTOR, KTC3198-TP-Y (KTC1815), KEC	
RESISTORS					
		R402	ORD1002F609	RESISTOR, FIXED CARBON FILM, 10K 1/6W 5 TA52	
		R406	ORD1000F609	RESISTOR, FIXED CARBON FILM, 100 1/6W 5 TA52	
		R407	ORD2001F609	RESISTOR, FIXED CARBON FILM, 2.0K 1/6W 5 TA52	
		R408	ORD2001F609	RESISTOR, FIXED CARBON FILM, 2.0K 1/6W 5 TA52	
		R409	ORD4701F609	RESISTOR, FIXED CARBON FILM, 4.70K 1/6W 5% TA52	



MODEL: (StudioWorks) 77M				DATE: 1998 . 2. 1.	
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		R410	ORD4701F609	RESISTOR, FIXED CARBON FILM, 4.70K 1/6W 5% TA52	
		R411	ORD1001F609	RESISTOR, FIXED CARBON FILM, 1.0K 1/6W 5 TA52	
		R412	ORD4701F609	RESISTOR, FIXED CARBON FILM, 4.70K 1/6W 5% TA52	
		R413	ORD4701F609	RESISTOR, FIXED CARBON FILM, 4.70K 1/6W 5% TA52	
		R414	ORD4701F609	RESISTOR, FIXED CARBON FILM, 4.70K 1/6W 5% TA52	
		R415	ORD4701F609	RESISTOR, FIXED CARBON FILM, 4.70K 1/6W 5% TA52	
		R416	ORD5602F609	RESISTOR, FIXED CARBON FILM, 56K 1/6W 5 TA52	
		R417	ORD5602F609	RESISTOR, FIXED CARBON FILM, 56K 1/6W 5 TA52	
		R418	ORD4701F609	RESISTOR, FIXED CARBON FILM, 4.70K 1/6W 5% TA52	
		R419	ORD4701F609	RESISTOR, FIXED CARBON FILM, 4.70K 1/6W 5% TA52	
		R420	ORD1001F609	RESISTOR, FIXED CARBON FILM, 1.0K 1/6W 5 TA52	
		R421	ORD1001F609	RESISTOR, FIXED CARBON FILM, 1.0K 1/6W 5 TA52	
		R422	ORD1001F609	RESISTOR, FIXED CARBON FILM, 1.0K 1/6W 5 TA52	
		R429	ORD1000F609	RESISTOR, FIXED CARBON FILM, 100 1/6W 5 TA52	
		R430	ORD1000F609	RESISTOR, FIXED CARBON FILM, 100 1/6W 5 TA52	
		R431	ORD1000F609	RESISTOR, FIXED CARBON FILM, 100 1/6W 5 TA52	
		R432	ORD1002F609	RESISTOR, FIXED CARBON FILM, 10K 1/6W 5 TA52	
		R433	ORD1002F609	RESISTOR, FIXED CARBON FILM, 10K 1/6W 5 TA52	
		R434	ORD1002F609	RESISTOR, FIXED CARBON FILM, 10K 1/6W 5 TA52	
		R435	ORD1002F609	RESISTOR, FIXED CARBON FILM, 10K 1/6W 5 TA52	
		R436	ORD1002F609	RESISTOR, FIXED CARBON FILM, 10K 1/6W 5 TA52	
		R437	ORD1002F609	RESISTOR, FIXED CARBON FILM, 10K 1/6W 5 TA52	
		R438	ORD1002F609	RESISTOR, FIXED CARBON FILM, 10K 1/6W 5 TA52	
		R439	ORD1002F609	RESISTOR, FIXED CARBON FILM, 10K 1/6W 5 TA52	
		R440	ORD1002F609	RESISTOR, FIXED CARBON FILM, 10K 1/6W 5 TA52	
		R441	ORD4701F609	RESISTOR, FIXED CARBON FILM, 4.70K 1/6W 5% TA52	
		R501	ORD0102G609	RESISTOR, FIXED CARBON FILM, 10 1/4W 5 TA52	
		R502	ORD2001F609	RESISTOR, FIXED CARBON FILM, 2.0K 1/6W 5 TA52	
		R503	ORD2701F609	RESISTOR, FIXED CARBON FILM, 2.7K 1/6W 5 TA52	
		R504	ORD0472H609	RESISTOR, FIXED CARBON FILM, 47 1/2W 5 TA52	
		R505	ORD1500F609	RESISTOR, FIXED CARBON FILM, 150 1/6W 5 TA52	
		R506	ORD2201F609	RESISTOR, FIXED CARBON FILM, 2.2K 1/6W 5 TA52	
		R507	ORD2201F609	RESISTOR, FIXED CARBON FILM, 2.2K 1/6W 5 TA52	
		R508	ORN0201H609	RESISTOR, FIXED METAL FILM, 2.0 1/2W 5 TA52	
		R509	ORD4701F609	RESISTOR, FIXED CARBON FILM, 4.70K 1/6W 5% TA52	
		R511	ORD1201F609	RESISTOR, FIXED CARBON FILM, 1.2K 1/6W 5 TA52	
		R512	ORD4701F609	RESISTOR, FIXED CARBON FILM, 4.70K 1/6W 5% TA52	
		R513	ORD4703F609	RESISTOR, FIXED CARBON FILM, 470K 1/6W 5 TA52	
		R514	ORD4701F609	RESISTOR, FIXED CARBON FILM, 4.70K 1/6W 5% TA52	
		R515	ORD0472F609	RESISTOR, FIXED CARBON FILM, 47 1/6W 5% TA	
		R516	ORD5601F609	RESISTOR, FIXED CARBON FILM, 5.6K 1/6W 5 TA52	
		R517	ORD2703H609	RESISTOR, FIXED CARBON FILM, 270K 1/2W 5 TA52	
		R518	ORD2703F609	RESISTOR, FIXED CARBON FILM, 270K 1/6W 5 TA52	
		R519	ORD4703F609	RESISTOR, FIXED CARBON FILM, 470K 1/6W 5 TA52	
		R520	ORD1203F609	RESISTOR, FIXED CARBON FILM, 120K 1/6W 5 TA52	
		R521	ORD2201F609	RESISTOR, FIXED CARBON FILM, 2.2K 1/6W 5 TA52	

*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		R522	ORD3901F609	RESISTOR, FIXED CARBON FILM, 3.9K 1/6W 5 TA52	
		R523	ORD2002F609	RESISTOR, FIXED CARBON FILM, 20K 1/6W 5 TA52	
		R524	ORD3001F609	RESISTOR, FIXED CARBON FILM, 3.0K 1/6W 5 TA52	
		R525	ORN1002F409	RESISTOR, FIXED METAL FILM, 10K 1/6W 1 TA52	
		R526	ORN1002F409	RESISTOR, FIXED METAL FILM, 10K 1/6W 1 TA52	
		R527	ORD1003F609	RESISTOR, FIXED CARBON FILM, 100K 1/6W 5 TA52	
		R528	ORD6802F609	RESISTOR, FIXED CARBON FILM, 68K 1/6W 5 TA52	
		R529	ORD2002F609	RESISTOR, FIXED CARBON FILM, 20K 1/6W 5 TA52	
		R530	ORD5602F609	RESISTOR, FIXED CARBON FILM, 56K 1/6W 5 TA52	
		R531	ORD1000H609	RESISTOR, FIXED CARBON FILM, 100 1/2W 5 TA52	
		R541	ORN0270H609	RESISTOR, FIXED METAL FILM, 0.27 1/2W 5 TA52	
		R542	ORN1502F409	RESISTOR, FIXED METAL FILM, 15K 1/6W 1% TA52	
		R543	ORN4701F409	RESISTOR, FIXED METAL FILM, 4.70K 1/6W 1% TA52	
		R544	ORD0472H609	RESISTOR, FIXED CARBON FILM, 47 1/2W 5 TA52	
		R551	ORD2000G609	RESISTOR, FIXED CARBON FILM, 200 1/4W 5% TA52	
		R553	ORD4701F609	RESISTOR, FIXED CARBON FILM, 4.70K 1/6W 5% TA52	
		R554	ORD1002F609	RESISTOR, FIXED CARBON FILM, 10K 1/6W 5 TA52	
		R555	ORD1201G609	RESISTOR, FIXED CARBON FILM, 1.2K 1/4W 5 TA52	
		R556	ORD1001F609	RESISTOR, FIXED CARBON FILM, 1.0K 1/6W 5 TA52	
		R571	ORD4700F609	RESISTOR, FIXED CARBON FILM, 470 1/6W 5 TA52	
		R572	ORD1002F609	RESISTOR, FIXED CARBON FILM, 10K 1/6W 5 TA52	
		R573	ORD2702F609	RESISTOR, FIXED CARBON FILM, 27K 1/6W 5 TA52	
		R574	ORD1003F609	RESISTOR, FIXED CARBON FILM, 100K 1/6W 5 TA52	
		R575	ORD3002F609	RESISTOR, FIXED CARBON FILM, 30K 1/6W 5 TA52	
		R576	ORD4700F609	RESISTOR, FIXED CARBON FILM, 470 1/6W 5 TA52	
		R577	ORD1503F609	RESISTOR, FIXED CARBON FILM, 150K 1/6W 5 TA52	
		R578	ORD1004F609	RESISTOR, FIXED CARBON FILM, 1.0M 1/6W 5 TA52	
		R579	ORD1003F609	RESISTOR, FIXED CARBON FILM, 100K 1/6W 5 TA52	
		R580	ORD1000F609	RESISTOR, FIXED CARBON FILM, 100 1/6W 5 TA52	
		R581	ORD2002F609	RESISTOR, FIXED CARBON FILM, 20K 1/6W 5 TA52	
		R582	ORD2403G609	RESISTOR, FIXED CARBON FILM, 240K 1/4W 5 TA52	
		R583	ORD8203F609	RESISTOR, FIXED CARBON FILM, 820K 1/6W 5 TA52	
		R584	ORD1004F609	RESISTOR, FIXED CARBON FILM, 1.0M 1/6W 5 TA52	
		R585	ORD5602F609	RESISTOR, FIXED CARBON FILM, 56K 1/6W 5 TA52	
		R586	ORD3603F609	RESISTOR, FIXED CARBON FILM, 360K 1/6W 5 TA52	
		R587	ORD1001F609	RESISTOR, FIXED CARBON FILM, 1.0K 1/6W 5 TA52	
		R588	ORD0102F609	RESISTOR, FIXED CARBON FILM, 10 OHM 1/6 W 5% TA52	
		R592	ORD4701G609	RESISTOR, FIXED CARBON FILM, 4.7K 1/4W 5 TA52	
		R601	ORD1001F609	RESISTOR, FIXED CARBON FILM, 1.0K 1/6W 5 TA52	
		R602	ORN0101H609	RESISTOR, FIXED METAL FILM, 1.0 1/2W 5 TA52	
		R603	ORD1001F609	RESISTOR, FIXED CARBON FILM, 1.0K 1/6W 5 TA52	
		R604	ORN0101H609	RESISTOR, FIXED METAL FILM, 1.0 1/2W 5 TA52	
		R605	ORD0102H609	RESISTOR, FIXED CARBON FILM, 10 1/2W 5% TA52	
		R606	ORD2200H609	RESISTOR, FIXED CARBON FILM, 220 1/2W 5% TA52	
		R607	ORN2201F409	RESISTOR, FIXED METAL FILM, 2.20K 1/6W 1% TA52	
		R608	ORD1000H609	RESISTOR, FIXED CARBON FILM, 100 1/2W 5 TA52	

MODEL: (StudioWorks) 77M				DATE: 1998 . 2. 1.	
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		R610	ORD1000F609	RESISTOR, FIXED CARBON FILM, 100 1/6W 5 TA52	
		R701	ORD2202F609	RESISTOR, FIXED CARBON FILM, 22K 1/6W 5 TA52	
		R702	ORD5602F609	RESISTOR, FIXED CARBON FILM, 56K 1/6W 5 TA52	
		R703	ORD3003F609	RESISTOR, FIXED CARBON FILM, 300K 1/6W 5 TA52	
⚠		R704	ORD1001F609	RESISTOR, FIXED CARBON FILM, 1.0K 1/6W 5 TA52	
		R705	ORN1801F409	RESISTOR, FIXED METAL FILM, 1.80K 1/6W 1% TA52	
⚠		R706	ORN9100F409	RESISTOR, FIXED METAL FILM, 910 1/6W 1% TA52	
⚠		R707	ORD1202F609	RESISTOR, FIXED CARBON FILM, 12K 1/6W 5 TA52	
		R708	ORD0471F609	RESISTOR, FIXED CARBON FILM, 4.7 1/6W 5 TA52	
		R709	ORD4700F609	RESISTOR, FIXED CARBON FILM, 470 1/6W 5 TA52	
		R710	ORD4700F609	RESISTOR, FIXED CARBON FILM, 470 1/6W 5 TA52	
		R711	ORD2001F609	RESISTOR, FIXED CARBON FILM, 2.0K 1/6W 5 TA52	
		R712	ORD1001G609	RESISTOR, FIXED CARBON FILM, 1.0K 1/4W 5 TA52	
		R713	ORD0102F609	RESISTOR, FIXED CARBON FILM, 10 OHM 1/6 W 5% TA52	
		R714	ORD1200F609	RESISTOR, FIXED CARBON FILM, 120 1/6W 5 TA52	
		R715	ORD4701F609	RESISTOR, FIXED CARBON FILM, 4.70K 1/6W 5% TA52	
		R716	180-496G	RESISTOR, FIX WIRE-WOUND PRECISION, PRN 0.27 OHM	
		R717	ORD1001F609	RESISTOR, FIXED CARBON FILM, 1.0K 1/6W 5 TA52	
		R718	ORD1001F609	RESISTOR, FIXED CARBON FILM, 1.0K 1/6W 5 TA52	
		R719	ORD4701F609	RESISTOR, FIXED CARBON FILM, 4.70K 1/6W 5% TA52	
		R720	ORD0472F609	RESISTOR, FIXED CARBON FILM, 47 1/6W 5% TA	
		R721	ORD1802F609	RESISTOR, FIXED CARBON FILM, 18K 1/6W 5 TA52	
		R722	ORD2703H609	RESISTOR, FIXED CARBON FILM, 270K 1/2W 5 TA52	
		R723	ORD2401F609	RESISTOR, FIXED CARBON FILM, 2.4K 1/6W 5 TA52	
		R724	ORD0472F609	RESISTOR, FIXED CARBON FILM, 47 1/6W 5% TA	
		R725	ORD6201F609	RESISTOR, FIXED CARBON FILM, 6.2K 1/6W 5 TA52	
		R726	ORD2703H609	RESISTOR, FIXED CARBON FILM, 270K 1/2W 5 TA52	
		R727	ORX2703K607	RESISTOR, SMALL FIX METAL FILM OXIDE, 270KOHM	
		R728	ORX2703K607	RESISTOR, SMALL FIX METAL FILM OXIDE, 270KOHM	
		R729	ORD2001H609	RESISTOR, FIXED CARBON FILM, 2.0K 1/2W 5 TA52	
		R730	ORN2202F409	RESISTOR, FIXED METAL FILM, 22K 1/6W 1% TA52	
		R731	ORD4701F609	RESISTOR, FIXED CARBON FILM, 4.70K 1/6W 5% TA52	
		R732	ORN1101F409	RESISTOR, FIXED METAL FILM, 1.10K 1/6W 1% TA52	
		R733	ORN3001F409	RESISTOR, FIXED METAL FILM, 3K 1/6W 1% TA52	
		R734	ORD4700H609	RESISTOR, FIXED CARBON FILM, 470 1/2W 5% TA52	
		R735	ORD4700F609	RESISTOR, FIXED CARBON FILM, 470 1/6W 5 TA52	
		R736	ORD4301F609	RESISTOR, FIXED CARBON FILM, 4.3K 1/6W 5 TA52	
		R737	ORD1201F609	RESISTOR, FIXED CARBON FILM, 1.2K 1/6W 5 TA52	
		R739	ORX0432K607	RESISTOR, SMALL FIX METAL FILM OXIDE, 43 OHM	
		R741	ORD2000F609	RESISTOR, FIXED CARBON FILM, 200 1/6W 5 TA52	
		R742	ORD1802F609	RESISTOR, FIXED CARBON FILM, 18K 1/6W 5 TA52	
		R743	ORD3900G609	RESISTOR, FIXED CARBON FILM, 390 1/4W 5 TA52	
		R746	ORD0271G609	RESISTOR, FIXED CARBON FILM, 2.7 1/4W 5 TA52	
		R748	ORX0472J609	RESISTOR, SMALL FIX METAL FILM OXIDE, 47 OHM	
		R752	ORD1002F609	RESISTOR, FIXED CARBON FILM, 10K 1/6W 5 TA52	
		R753	ORD1002F609	RESISTOR, FIXED CARBON FILM, 10K 1/6W 5 TA52	

MODEL: (StudioWorks) 77M				DATE: 1998 . 2. 1.	
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		R754	0RD1002F609	RESISTOR, FIXED CARBON FILM, 10K 1/6W 5 TA52	
		R755	0RD1002F609	RESISTOR, FIXED CARBON FILM, 10K 1/6W 5 TA52	
		R756	0RD1204F609	RESISTOR, FIXED CARBON FILM, 1.2M 1/6W 5% TA	
		R757	0RD1204F609	RESISTOR, FIXED CARBON FILM, 1.2M 1/6W 5% TA	
		R758	0RD1204F609	RESISTOR, FIXED CARBON FILM, 1.2M 1/6W 5% TA	
		R759	0RD1204F609	RESISTOR, FIXED CARBON FILM, 1.2M 1/6W 5% TA	
		R760	0RD2000H609	RESISTOR, FIXED CARBON FILM, 200 1/2W 5 TA52	
		R761	180-465C	RESISTOR, CEMENT, 5W 39J (V-TYPE)	
		R762	0RD0102F609	RESISTOR, FIXED CARBON FILM, 10 OHM 1/6 W 5% TA52	
		R764	0RD1602F609	RESISTOR, FIXED CARBON FILM, 16K 1/6W 5 TA52	
		R765	0RD2001F609	RESISTOR, FIXED CARBON FILM, 2.0K 1/6W 5 TA52	
		R766	0RD4703F609	RESISTOR, FIXED CARBON FILM, 470K 1/6W 5 TA52	
△		R767	0RN5101F409	RESISTOR, FIXED METAL FILM, 5.10K 1/6W 1% TA52	
△		R768	0RN8201F409	RESISTOR, FIXED METAL FILM, 8.20K 1/6W 1% TA52	
		R769	0RD1001F609	RESISTOR, FIXED CARBON FILM, 1.0K 1/6W 5 TA52	
		R770	0RD5602F609	RESISTOR, FIXED CARBON FILM, 56K 1/6W 5 TA52	
		R771	0RD3903F609	RESISTOR, FIXED CARBON FILM, 390K 1/6W 5 TA52	
		R772	0RD3001F609	RESISTOR, FIXED CARBON FILM, 3.0K 1/6W 5 TA52	
		R773	0RN1503F409	RESISTOR, FIXED METAL FILM, 150K 1/6W 1% TA52	
		R774	0RD1200H609	RESISTOR, FIXED CARBON FILM, 120 1/2W 5% TA52	
		R775	0RD0102F609	RESISTOR, FIXED CARBON FILM, 10 OHM 1/6 W 5% TA52	
		R776	0RD2203G609	RESISTOR, FIXED CARBON FILM, 220K 1/4W 5 TA52	
		R777	0RD1001F609	RESISTOR, FIXED CARBON FILM, 1.0K 1/6W 5 TA52	
		R778	0RD1202F609	RESISTOR, FIXED CARBON FILM, 12K 1/6W 5 TA52	
		R779	0RD5602F609	RESISTOR, FIXED CARBON FILM, 56K 1/6W 5 TA52	
		R780	0RD0102F609	RESISTOR, FIXED CARBON FILM, 10 OHM 1/6 W 5% TA52	
		R781	0RD1002F609	RESISTOR, FIXED CARBON FILM, 10K 1/6W 5 TA52	
		R782	0RD4701F609	RESISTOR, FIXED CARBON FILM, 4.70K 1/6W 5% TA52	
		R783	0RD1502F609	RESISTOR, FIXED CARBON FILM, 15K 1/6W 5 TA52	
		R784	0RD3001F609	RESISTOR, FIXED CARBON FILM, 3.0K 1/6W 5 TA52	
		R785	0RD1001F609	RESISTOR, FIXED CARBON FILM, 1.0K 1/6W 5 TA52	
		R786	0RD1200H609	RESISTOR, FIXED CARBON FILM, 120 1/2W 5% TA52	
		R787	0RD5602F609	RESISTOR, FIXED CARBON FILM, 56K 1/6W 5 TA52	
		R788	0RD1000F609	RESISTOR, FIXED CARBON FILM, 100 1/6W 5 TA52	
		R790	0RMZTWV001B	RESISTOR, CEMENT, RWR,7W,47,J,V-TYPE	
		R791	180-465C	RESISTOR, CEMENT, 5W 39J (V-TYPE)	
		R792	0RD2001G609	RESISTOR, FIXED CARBON FILM, 2.0K 1/4W 5 TA52	
		R793	0RMZTSV001A	RESISTOR, CEMENT, 10 OHM 5 W 5% L RSR,V-TYPE	
		R794	0RD2701F609	RESISTOR, FIXED CARBON FILM, 2.7K 1/6W 5 TA52	
		R795	0RD1502F609	RESISTOR, FIXED CARBON FILM, 15K 1/6W 5 TA52	
		R797	0RD0392F609	RESISTOR, FIXED CARBON FILM, 39 1/6W 5% TA	
△		R900	180-465H	RESISTOR, CEMENT, 5W 0.24J(V-TYPE)	
△		R901	0RD3003H609	RESISTOR, FIXED CARBON FILM, 300K 1/2W 5 TA52	
		R902	180-465H	RESISTOR, CEMENT, 5W 0.24J(V-TYPE)	
		R903	0RMZTWV001C	RESISTOR, CEMENT, RWR,7W,4.7,J,V-TYPE	
△		R904	0RX2702K607	RESISTOR, SMALL FIX METAL FILM OXIDE, 27KOHM 2 W 5%	

MODEL: (StudioWorks) 77M				DATE: 1998 . 2. 1.	
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		R906	ORD3003G609	RESISTOR, FIXED CARBON FILM, 300K 1/4W 5 TA52	
		R907	ORD3003G609	RESISTOR, FIXED CARBON FILM, 300K 1/4W 5 TA52	
		R908	ORX4702L666	RESISTOR, SMALL FIX METAL FILM OXIDE, 47KOHM 3 W 5%	
		R909	ORD0102G609	RESISTOR, FIXED CARBON FILM, 10 1/4W 5 TA52	
△		R910	ORD1202H609	RESISTOR, FIXED CARBON FILM, 12K 1/2W 5 TA52	
		R911	ORD1002F609	RESISTOR, FIXED CARBON FILM, 10K 1/6W 5 TA52	
		R912	ORB0150K609	RESISTOR, FIX WIRE-WOUND PRECISION, 0.15 OHM 2 W 5%	
		R913	ORD6800F609	RESISTOR, FIXED CARBON FILM, 680 1/6W 5 TA52	
		R914	ORD4702H609	RESISTOR, FIXED CARBON FILM, 47K 1/2W 5 TA52	
		R915	180-465H	RESISTOR, CEMENT, 5W 0.24J(V-TYPE)	
		R916	ORD0472H609	RESISTOR, FIXED CARBON FILM, 47 1/2W 5 TA52	
		R917	ORN0102G609	RESISTOR, FIXED METAL FILM, 10 1/4W 5 TA52	
		R918	ORD1004G609	RESISTOR, FIXED CARBON FILM, 1.0M 1/4W 5 TA52	
		R919	180-465H	RESISTOR, CEMENT, 5W 0.24J(V-TYPE)	
		R921	ORD4700F609	RESISTOR, FIXED CARBON FILM, 470 1/6W 5 TA52	
		R922	ORD1001F609	RESISTOR, FIXED CARBON FILM, 1.0K 1/6W 5 TA52	
		R923	ORD1001F609	RESISTOR, FIXED CARBON FILM, 1.0K 1/6W 5 TA52	
		R924	ORD3300F609	RESISTOR, FIXED CARBON FILM, 330 1/6W 5 TA52	
		R925	ORD4702F609	RESISTOR, FIXED CARBON FILM, 47K 1/6W 5 TA52	
		R926	ORD4702F609	RESISTOR, FIXED CARBON FILM, 47K 1/6W 5 TA52	
		R927	ORN1202F409	RESISTOR, FIXED METAL FILM, 12K 1/6W 1% TA52	
		R928	ORD6800F609	RESISTOR, FIXED CARBON FILM, 680 1/6W 5 TA52	
		R929	ORD1102F509	RESISTOR, FIXED CARBON FILM, 11K 1/6W 2% TA52	
		R957	ORD4701F609	RESISTOR, FIXED CARBON FILM, 4.70K 1/6W 5% TA52	
		R958	ORN0101H609	RESISTOR, FIXED METAL FILM, 1.0 1/2W 5 TA52	
		R959	ORN0270H609	RESISTOR, FIXED METAL FILM, 0.27 1/2W 5 TA52	
		R960	ORN0270H609	RESISTOR, FIXED METAL FILM, 0.27 1/2W 5 TA52	
		R961	ORN0270H609	RESISTOR, FIXED METAL FILM, 0.27 1/2W 5 TA52	
		R962	ORN0270H609	RESISTOR, FIXED METAL FILM, 0.27 1/2W 5 TA52	
		R963	ORN0270H609	RESISTOR, FIXED METAL FILM, 0.27 1/2W 5 TA52	
		R971	ORD7502G609	RESISTOR, FIXED CARBON FILM, 75K 1/4W 5 TA52	
		R972	ORD7502G609	RESISTOR, FIXED CARBON FILM, 75K 1/4W 5 TA52	
		R973	ORD2001F609	RESISTOR, FIXED CARBON FILM, 2.0K 1/6W 5 TA52	
		R974	ORD1501F609	RESISTOR, FIXED CARBON FILM, 1.5K 1/6W 5 TA52	
		R975	ORD1501F609	RESISTOR, FIXED CARBON FILM, 1.5K 1/6W 5 TA52	
		R976	ORD2003F609	RESISTOR, FIXED CARBON FILM, 200K 1/6W 5 TA52	
		R977	ORN0201H609	RESISTOR, FIXED METAL FILM, 2.0 1/2W 5 TA52	
		R978	ORD2002H609	RESISTOR, FIXED CARBON FILM, 20K 1/2W 5 TA52	
		R979	ORD1802F609	RESISTOR, FIXED CARBON FILM, 18K 1/6W 5 TA52	
		R980	ORD2002H609	RESISTOR, FIXED CARBON FILM, 20K 1/2W 5 TA52	
		R991	ORD0152G609	RESISTOR, FIXED CARBON FILM, 15 1/4W 5 TA52	
		R992	ORD2001F609	RESISTOR, FIXED CARBON FILM, 2.0K 1/6W 5 TA52	
		R993	ORN0220H609	RESISTOR, FIXED METAL FILM, 0.22 1/2W 5% TA52	
		R994	ORN0220H609	RESISTOR, FIXED METAL FILM, 0.22 1/2W 5% TA52	
		R995	ORD0102G609	RESISTOR, FIXED CARBON FILM, 10 1/4W 5 TA52	
△		VR771	180-499B	VOLUME, RH0638C001 B331 HORIZONTAL<TA>	
		VR901	180-499B	VOLUME, RH0638C001 B331 HORIZONTAL<TA>	

MODEL: (StudioWorks) 77M				DATE: 1998 . 2. 1.	
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
<b>OTHERs</b>					
		F901	430-858C	FUSE, HOLDER, AFC-520 (BAEEUN)	
△		F901	131-040E	FUSE, TIME LAG, HBC 250V 5A UL/S TRIAD	
		P401	366-921E	WAFER, IL-G 6(2.5S)	
		P402	366-921D	WAFER, IL-G 5(2.5S)	
		P403	6602T20002F	WAFER, MOLEX 35362-0710 LOCKING TYPE ST	
		P502	6602T25005A	WAFER, B3B-EH-A (JST)	
		P601	366-139B	WAFER, BW-603J(BAEEUN)	
		P701	366-183P	WAFER, MOLEX53014-1510	
		P701-P302	6631T20001L	CONNECTOR ASSY, 15P,H-H,L320,UL240526(CS780)	
		P702	366-167A	WAFER, BW-501S (17MM)	
		P703	366-167A	WAFER, BW-501S (17MM)	
		P901	366-167A	WAFER, BW-501S (17MM)	
		P902	6602T25004A	WAFER, MOLEX 35312-0210(2.5MM)	
		PG1	302-987A	SHIELD, TERMINAL EARTH	
		PG2	302-987A	SHIELD, TERMINAL EARTH	
△		RL901	6920TBD001A	RELAY, W2HN-DC9V (MATSUSHITA)	
△		SC901	6200TJB001B	FILTER(CIRC), EMI, 03ME3G(MW) DELTA 3A, 2.5MH	
		SG701	6918TAT002A	SPARK GAP, AXIAL, DSP-102M-A21F	
		SW701	140-079A	SWITCH,LEVER, BAND SELECTION (JRS-1301)	
△		T701	6174Z-2002F	FBT (FLY BACK TRANSFORMER), FMMPC21-2002F	
		T702	151-483F	COIL, DUMMY, "FBT DUMMY EER3435, 17" TCO	
		T741	6170TCZ001A	TRANSFORMER, SMPS, H-DRIVE, EI2218, 3.8MH	
		T761	150-B11A	COIL, LINEARITY, LINEA(DOUBLE)	
△		T901	6170TMZ041A	TRANSFORMER, SMPS, CM796, EER4942S, 18PIN, NY/SI	
△		T902	151-414E	TRANSFORMER, PULSE, D/D PULSE TRANS(NAMYANG)	
△		TH902	163-067B	THERMISTOR, PTC, ECPBC140M290	
		X401	6202TTT001B	CRYSTAL, HC-49/U , SUNNY RADIAL 6.000000MHZ 30PPM	
<b>VIDEO BOARD</b>					
<b>CAPACITORS</b>					
		C301	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C302	0CE2246K618	CAPACITOR, AL.ELECTROLYTIC, 0.22M SMS 50V M FM5	
		C303	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C304	0CE2246K618	CAPACITOR, AL.ELECTROLYTIC, 0.22M SMS 50V M FM5	
		C305	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C306	0CE2246K618	CAPACITOR, AL.ELECTROLYTIC, 0.22M SMS 50V M FM5	
		C310	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C311	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C312	0CE4766F618	CAPACITOR, AL.ELECTROLYTIC, 47U SMS 16V M FM5 TP5	
		C313	0CC1210K405	CAPACITOR, CERAMIC (TEMP. COMPENSATE), 120P 50V	
		C314	0CC1210K405	CAPACITOR, CERAMIC (TEMP. COMPENSATE), 120P 50V	
		C315	181-288K	CAPACITOR, POLYESTER, MKT 100V 683JTR PHS26683	
		C316	181-288B	CAPACITOR, POLYESTER, MKT 100V 104JTR PHS26104	
		C317	0CE1076F618	CAPACITOR, AL.ELECTROLYTIC, 100UF SMS 16V M TP(5)	

MODEL: (StudioWorks) 77M				DATE: 1998 . 2. 1.	
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		C318	0CH3104K946	CAPACITOR, CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z	
		C319	0CE226BK638	CAPACITOR, AL.ELECTROLYTIC, 22U KME 50V M FM5 TP5	
		C320	0CH3104K946	CAPACITOR, CHIP[CERAMIC LD-LESS HD], 100000PF 50V	
		C321	0CH3104K946	CAPACITOR, CHIP[CERAMIC LD-LESS HD], 100000PF 50V	
		C334	0CC2200K405	CAPACITOR, CERAMIC (TEMP. COMPENSATE), 22P 50V	
		C335	0CC2200K405	CAPACITOR, CERAMIC (TEMP. COMPENSATE), 22P 50V	
		C336	0CC2200K405	CAPACITOR, CERAMIC (TEMP. COMPENSATE), 22P 50V	
		C338	0CK2220W515	CAPACITOR, CERAMIC (HIGH DIELECTRIC), 2200P 500V K B	
		C339	0CE4766N618	CAPACITOR, AL.ELECTROLYTIC, 47U SMS 100V M FM5 TP5	
		C340	0CE4756N618	CAPACITOR, AL.ELECTROLYTIC, 4.7U SMS 100V M FM5 TP5	
		C341	0CK3320W515	CAPACITOR, CERAMIC (HIGH DIELECTRIC), 3300P 500V	
		C342	0CE4756N618	CAPACITOR, AL.ELECTROLYTIC, 4.7U SMS 100V M FM5 TP5	
		C343	0CK3320W515	CAPACITOR, CERAMIC (HIGH DIELECTRIC), 3300P 500V	
		C344	0CE4756N618	CAPACITOR, AL.ELECTROLYTIC, 4.7U SMS 100V M FM5 TP5	
		C345	0CK3320W515	CAPACITOR, CERAMIC (HIGH DIELECTRIC), 3300P 500V	
		C347	181-288E	CAPACITOR, POLYESTER, MKT 100V 474JTR PHS 26474	
		C348	181-288E	CAPACITOR, POLYESTER, MKT 100V 474JTR PHS 26474	
		C349	181-288E	CAPACITOR, POLYESTER, MKT 100V 474JTR PHS 26474	
		C351	0CK1020W515	CAPACITOR, CERAMIC (HIGH DIELECTRIC), 1000P 500V	
		C352	0CK10302940	CAPACITOR, CERAMIC (HIGH DIELECTRIC), 0.01M 2KV Z F S	
		C353	0CK1020W515	CAPACITOR, CERAMIC (HIGH DIELECTRIC), 1000P 500V	
		C361	0CH3104K946	CAPACITOR, CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z	
		C364	0CH3104K946	CAPACITOR, CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z	
		C370	0CH3104K946	CAPACITOR, CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z	
		C376	0CH3104K946	CAPACITOR, CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z	
		C380	0CK2220W515	CAPACITOR, CERAMIC (HIGH DIELECTRIC), 2200P 500V K B	
		C381	0CH3104K946	CAPACITOR, CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z	
		C382	0CN1010K519	CAPACITOR, TUBULAR(HIGH DIELEC), 100P 50V K B TA52	
		C383	0CK2220W515	CAPACITOR, CERAMIC (HIGH DIELECTRIC), 2200P 500V K B	
		C384	0CE1056R618	CAPACITOR, AL.ELECTROLYTIC, 1.0U SMS 250V M FM5 TP5	
		C385	0CE4756R618	CAPACITOR, AL.ELECTROLYTIC, 4.7U SMS 250V M FL TP5	
		C386	0CH3104K946	CAPACITOR, CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z	
		C387	0CH3104K946	CAPACITOR, CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z	
		C388	0CH3104K946	CAPACITOR, CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z	
		C389	0CH3104K946	CAPACITOR, CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z	
		C391	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C392	0CE4766F618	CAPACITOR, AL.ELECTROLYTIC, 47U SMS 16V M FM5 TP5	
		C393	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C394	0CH3104K946	CAPACITOR, CHIP[CERAMIC LD-LESS HD], 100000PF 50V Z	
		C395	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C396	0CE226BK638	CAPACITOR, AL.ELECTROLYTIC, 22U KME 50V M FM5 TP5	
		C397	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
<b>DIODEs</b>					
		D301	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D302	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	



MODEL: (StudioWorks) 77M				DATE: 1998 . 2. 1.	
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		D303	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D304	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D305	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D306	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D307	0DZ510009AB	DIODE, ZENER, MTZ5.1B, TP(52MM), ROHM	
		D310	0DZ910009BA	DIODE, ZENER, MTZ9.1B, TP(52MM), ROHM	
		D311	0DZ560009AA	DIODE, ZENER, MTZ5.6B, TP(52MM), ROHM	
		D331	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D332	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D333	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D334	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D335	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D336	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D341	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D342	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D343	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D344	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D345	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D346	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D347	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D361	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D362	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D363	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
		D364	0DZ510009AB	DIODE, ZENER, MTZ5.1B, TP(52MM), ROHM	
		D365	0DZ510009AB	DIODE, ZENER, MTZ5.1B, TP(52MM), ROHM	
		D383	0DD131009AC	DIODE, SWITCHING, 1SS131, SWIT TP, ROHM	
ICs					
		IC301	0IMO132820C	IC, MOTOROLA, MC13282EP NDIP 24 BK PRE AMP	
		IC311	0IMO438200A	IC, MOTOROLA, LSC4382 24PIN NARROW BK OSD GRAPHIC	
		IC321	0ISS780800A	IC, SAMSUNG ELECTRONICS, KA7808 (KA7808C) REGULATOR	
COILs & COREs					
		L301	125-022J	CORE (CIRC), BEAD, FERRITE KQ-1(TAPING)	
		L302	125-022J	CORE (CIRC), BEAD, FERRITE KQ-1(TAPING)	
		L303	125-022J	CORE (CIRC), BEAD, FERRITE KQ-1(TAPING)	
		L304	125-155A	CORE (CIRC), FERRITE, BEAD (BFD3510R2FG), SAMHWA	
		L306	125-155J	CORE (CIRC), FERRITE, BEAD (BFS2550A0FG), SAMHWA	
		L311	0LA1000K119	INDUCTOR, AXIAL LEAD, 100UH K 2.3*3.4 TP	
		L321	125-155A	CORE (CIRC), FERRITE, BEAD (BFD3510R2FG), SAMHWA	
		L332	0LA0221K119	INDUCTOR, AXIAL LEAD, 2.2UH K 2.3*3.4 TP	
		L333	0LA0221K119	INDUCTOR, AXIAL LEAD, 2.2UH K 2.3*3.4 TP	
		L334	0LA0331K119	INDUCTOR, AXIAL LEAD, 3.3UH K 2.3*3.4 TP	
		L342	125-155A	CORE (CIRC), FERRITE, BEAD (BFD3510R2FG), SAMHWA	
		L345	125-155A	CORE (CIRC), FERRITE, BEAD (BFD3510R2FG), SAMHWA	



MODEL: (StudioWorks) 77M				DATE: 1998 . 2. 1.	
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		L348	125-155A	CORE (CIRC), FERRITE, BEAD (BFD3510R2FG), SAMHWA	
		L350	0LA0390K119	INDUCTOR, AXIAL LEAD, 0.39UH K 2.3*3.4 TP	
		L351	0LA0390K119	INDUCTOR, AXIAL LEAD, 0.39UH K 2.3*3.4 TP	
		L352	0LA0390K119	INDUCTOR, AXIAL LEAD, 0.39UH K 2.3*3.4 TP	
		L353	125-155A	CORE (CIRC), FERRITE, BEAD (BFD3510R2FG), SAMHWA	
		L354	125-155J	CORE (CIRC), FERRITE, BEAD (BFS2550A0FG), SAMHWA	
		L355	125-155J	CORE (CIRC), FERRITE, BEAD (BFS2550A0FG), SAMHWA	
		L361	125-155A	CORE (CIRC), FERRITE, BEAD (BFD3510R2FG), SAMHWA	
		L384	125-155A	CORE (CIRC), FERRITE, BEAD (BFD3510R2FG), SAMHWA	
		L386	125-155J	CORE (CIRC), FERRITE, BEAD (BFS2550A0FG), SAMHWA	
<b>TRANSISTORS</b>					
		Q321	0TR390409AA	TRANSISTOR, 2N3904, TP, MOTOROLA	
		Q332	0TR236909AB	TRANSISTOR, PH2369, TP, PHILIPS TO-92	
		Q334	0TR236909AB	TRANSISTOR, PH2369, TP, PHILIPS TO-92	
		Q336	0TR236909AB	TRANSISTOR, PH2369, TP, PHILIPS TO-92	
		Q337	0TR221009AB	TRANSISTOR, BFQ221, TP, PHILIPS SOT54	
		Q338	0TR241009AB	TRANSISTOR, BFQ241, TP, PHILIPS SOT54	
		Q339	0TR221009AB	TRANSISTOR, BFQ221, TP, PHILIPS SOT54	
		Q340	0TR241009AB	TRANSISTOR, BFQ241, TP, PHILIPS SOT54	
		Q341	0TR221009AB	TRANSISTOR, BFQ221, TP, PHILIPS SOT54	
		Q342	0TR241009AB	TRANSISTOR, BFQ241, TP, PHILIPS SOT54	
		Q361	0TR127009AA	TRANSISTOR, KTA1270-Y (KTA562TM) TP, KEC	
		Q362	0TR320609AB	TRANSISTOR, KTC3206-Y,TP(KTC2229), KEC	
		Q363	0TR127509AC	TRANSISTOR, KTA1275-Y TP(KTA1013), KEC	
		Q364	0TR127009AA	TRANSISTOR, KTA1270-Y (KTA562TM) TP, KEC	
		Q365	0TR320609AB	TRANSISTOR, KTC3206-Y,TP(KTC2229), KEC	
		Q366	0TR127509AC	TRANSISTOR, KTA1275-Y TP(KTA1013), KEC	
		Q367	0TR127009AA	TRANSISTOR, KTA1270-Y (KTA562TM) TP, KEC	
		Q368	0TR320609AB	TRANSISTOR, KTC3206-Y,TP(KTC2229), KEC	
		Q369	0TR127509AC	TRANSISTOR, KTA1275-Y TP(KTA1013), KEC	
		Q380	0TR390409AA	TRANSISTOR, 2N3904, TP, MOTOROLA	
		Q383	0TR320709AA	TRANSISTOR, KTC3207,TP(KTC2482), KEC	
<b>RESISTORS</b>					
		R301	0RD0752F609	RESISTOR, FIXED CARBON FILM, 75 1/6W 5% TA	
		R302	0RD0752F609	RESISTOR, FIXED CARBON FILM, 75 1/6W 5% TA	
		R303	0RD0752F609	RESISTOR, FIXED CARBON FILM, 75 1/6W 5% TA	
		R304	0RD5602F609	RESISTOR, FIXED CARBON FILM, 56K 1/6W 5 TA52	
		R305	0RD5602F609	RESISTOR, FIXED CARBON FILM, 56K 1/6W 5 TA52	
		R306	0RD5602F609	RESISTOR, FIXED CARBON FILM, 56K 1/6W 5 TA52	
		R307	0RD0102F609	RESISTOR, FIXED CARBON FILM, 10 OHM 1/6 W 5% TA52	
		R308	0RD0102F609	RESISTOR, FIXED CARBON FILM, 10 OHM 1/6 W 5% TA52	
		R309	0RD0102F609	RESISTOR, FIXED CARBON FILM, 10 OHM 1/6 W 5% TA52	
		R310	0RD1002F609	RESISTOR, FIXED CARBON FILM, 10K 1/6W 5 TA52	
		R311	0RD2202F609	RESISTOR, FIXED CARBON FILM, 22K 1/6W 5 TA52	

MODEL: (StudioWorks) 77M				DATE: 1998 . 2. 1.	
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		R312	0RD1502F609	RESISTOR, FIXED CARBON FILM, 15K 1/6W 5 TA52	
		R313	0RH1000D622	RESISTOR, CHIP, 100 1/10W 5 D.R/TP	
		R314	0RH1000D622	RESISTOR, CHIP, 100 1/10W 5 D.R/TP	
		R315	0RH1000D622	RESISTOR, CHIP, 100 1/10W 5 D.R/TP	
		R316	0RH1001D622	RESISTOR, CHIP, 1.0K 1/10W 5 D.R/TP	
		R317	0RH1004D622	RESISTOR, CHIP, 1.0M 1/10W 5 D.R/TP	
		R318	0RH1501D622	RESISTOR, CHIP, 1.5K 1/10W 5 D.R/TP	
		R319	0RH1501D622	RESISTOR, CHIP, 1.5K 1/10W 5 D.R/TP	
		R320	0RH5601D622	RESISTOR, CHIP, 5.6K 1/10W 5 D.R/TP	
		R321	0RH1001D622	RESISTOR, CHIP, 1.0K 1/10W 5 D.R/TP	
		R322	0RH3001D622	RESISTOR, CHIP, 3.0K 1/10W 5 D.R/TP	
		R327	0RD3300F609	RESISTOR, FIXED CARBON FILM, 330 1/6W 5 TA52	
		R328	0RD3300F609	RESISTOR, FIXED CARBON FILM, 330 1/6W 5 TA52	
		R329	0RD3300F609	RESISTOR, FIXED CARBON FILM, 330 1/6W 5 TA52	
		R331	0RD0562F609	RESISTOR, FIXED CARBON FILM, 56 1/6W 5% TA52	
		R332	0RD0562F609	RESISTOR, FIXED CARBON FILM, 56 1/6W 5% TA52	
		R333	0RD0562F609	RESISTOR, FIXED CARBON FILM, 56 1/6W 5% TA52	
		R334	0RD0562F609	RESISTOR, FIXED CARBON FILM, 56 1/6W 5% TA52	
		R335	0RD0562F609	RESISTOR, FIXED CARBON FILM, 56 1/6W 5% TA52	
		R336	0RD0562F609	RESISTOR, FIXED CARBON FILM, 56 1/6W 5% TA52	
		R337	0RD0822F609	RESISTOR, FIXED CARBON FILM, 82 1/6W 5% TA	
		R338	0RD0822F609	RESISTOR, FIXED CARBON FILM, 82 1/6W 5% TA	
		R339	0RD0822F609	RESISTOR, FIXED CARBON FILM, 82 1/6W 5% TA	
		R340	0RD0392F609	RESISTOR, FIXED CARBON FILM, 39 1/6W 5% TA	
		R341	0RMZTSS001A	RESISTOR, CEMENT, 1.3K OHM 5 W 5% B ,RSR,SP-TYPE	
		R343	0RD0102F609	RESISTOR, FIXED CARBON FILM, 10 OHM 1/6 W 5% TA52	
		R344	0RMZTSS001A	RESISTOR, CEMENT, 1.3K OHM 5 W 5% B ,RSR,SP-TYPE	
		R346	0RD0102F609	RESISTOR, FIXED CARBON FILM, 10 OHM 1/6 W 5% TA52	
		R347	0RMZTSS001A	RESISTOR, CEMENT, 1.3K OHM 5 W 5% B ,RSR,SP-TYPE	
		R349	0RD0102F609	RESISTOR, FIXED CARBON FILM, 10 OHM 1/6 W 5% TA52	
		R350	0RD0752F609	RESISTOR, FIXED CARBON FILM, 75 1/6W 5% TA	
		R351	0RD0752F609	RESISTOR, FIXED CARBON FILM, 75 1/6W 5% TA	
		R352	0RD0752F609	RESISTOR, FIXED CARBON FILM, 75 1/6W 5% TA	
		R353	0RD0152G609	RESISTOR, FIXED CARBON FILM, 15 1/4W 5 TA52	
		R354	0RD0152G609	RESISTOR, FIXED CARBON FILM, 15 1/4W 5 TA52	
		R355	0RD0152G609	RESISTOR, FIXED CARBON FILM, 15 1/4W 5 TA52	
		R356	0RD1000G609	RESISTOR, FIXED CARBON FILM, 100 1/4W 5 TA52	
		R357	0RN0822F409	RESISTOR, FIXED METAL FILM, 82 OHM 1/6 W 1% TA52	
		R358	0RN0822F409	RESISTOR, FIXED METAL FILM, 82 OHM 1/6 W 1% TA52	
		R359	0RN0822F409	RESISTOR, FIXED METAL FILM, 82 OHM 1/6 W 1% TA52	
		R361	0RH4702D622	RESISTOR, CHIP, 47K 1/10W 5 D.R/TP	
		R362	0RH4702D622	RESISTOR, CHIP, 47K 1/10W 5 D.R/TP	
		R363	0RH4702D622	RESISTOR, CHIP, 47K 1/10W 5 D.R/TP	
		R364	0RD4702F609	RESISTOR, FIXED CARBON FILM, 47K 1/6W 5 TA52	
		R366	0RD5601F609	RESISTOR, FIXED CARBON FILM, 5.6K 1/6W 5 TA52	
		R367	0RD5600F609	RESISTOR, FIXED CARBON FILM, 560 1/6W 5 TA52	

MODEL: (StudioWorks) 77M				DATE: 1998 . 2. 1.	
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		R368	0RD1004F609	RESISTOR, FIXED CARBON FILM, 1.0M 1/6W 5 TA52	
		R369	0RD4702F609	RESISTOR, FIXED CARBON FILM, 47K 1/6W 5 TA52	
		R371	0RD4702F609	RESISTOR, FIXED CARBON FILM, 47K 1/6W 5 TA52	
		R372	0RD5601F609	RESISTOR, FIXED CARBON FILM, 5.6K 1/6W 5 TA52	
		R373	0RD5600F609	RESISTOR, FIXED CARBON FILM, 560 1/6W 5 TA52	
		R374	0RD1004F609	RESISTOR, FIXED CARBON FILM, 1.0M 1/6W 5 TA52	
		R375	0RD4702F609	RESISTOR, FIXED CARBON FILM, 47K 1/6W 5 TA52	
		R377	0RH4702D622	RESISTOR, CHIP, 47K 1/10W 5 D.R/TP	
		R378	0RD5601F609	RESISTOR, FIXED CARBON FILM, 5.6K 1/6W 5 TA52	
		R379	0RD5600F609	RESISTOR, FIXED CARBON FILM, 560 1/6W 5 TA52	
		R380	0RD1004F609	RESISTOR, FIXED CARBON FILM, 1.0M 1/6W 5 TA52	
		R381	0RD4702F609	RESISTOR, FIXED CARBON FILM, 47K 1/6W 5 TA52	
		R382	0RD4702F609	RESISTOR, FIXED CARBON FILM, 47K 1/6W 5 TA52	
		R383	0RD4702F609	RESISTOR, FIXED CARBON FILM, 47K 1/6W 5 TA52	
		R384	0RD9102F609	RESISTOR, FIXED CARBON FILM, 91K 1/6W 5 TA52	
		R385	0RD2203F609	RESISTOR, FIXED CARBON FILM, 220K 1/6W 5 TA52	
		R386	0RH4701D622	RESISTOR, CHIP, 4.7K 1/10W 5 D.R/TP	
		R387	0RH4701D622	RESISTOR, CHIP, 4.7K 1/10W 5 D.R/TP	
		R388	0RH4701D622	RESISTOR, CHIP, 4.7K 1/10W 5 D.R/TP	
		R391	0RN0222F409	RESISTOR, FIXED METAL FILM, 22 OHM 1/6 W 1% TA52	
		R392	0RN0222F409	RESISTOR, FIXED METAL FILM, 22 OHM 1/6 W 1% TA52	
		R393	0RN0222F409	RESISTOR, FIXED METAL FILM, 22 OHM 1/6 W 1% TA52	
		R394	0RN0222F409	RESISTOR, FIXED METAL FILM, 22 OHM 1/6 W 1% TA52	
		R395	0RN0222F409	RESISTOR, FIXED METAL FILM, 22 OHM 1/6 W 1% TA52	
		R396	0RN0222F409	RESISTOR, FIXED METAL FILM, 22 OHM 1/6 W 1% TA52	
		R398	0RD1001F609	RESISTOR, FIXED CARBON FILM, 1.0K 1/6W 5 TA52	
<b>OTHERS</b>					
		P301	366-922E	WAFER, IL-G(AN) 6P 2.5M/M	
		P302	366-184P	WAFER, MOLEX53015-1510	
		P303	366-167A	WAFER, BW-501S (17MM)	
		P304	366-112B	WAFER, BW-502L(BAEEUN)	
		SC301	381-094L	SOCKET (CIRC),CPT, 033-0-7700-41(METALLO)	
		SG301	6918TRT001A	SPARK GAP, RADIAL, DSP-301N-C04F	
		SG302	6918TAT001A	SPARK GAP, AXIAL, DSP-301N-A21F	
		SG303	6918TAT001A	SPARK GAP, AXIAL, DSP-301N-A21F	
		SG304	6918TAT001A	SPARK GAP, AXIAL, DSP-301N-A21F	
		SG305	165-004A	SPARK GAP, AG20PT 152F-L3N/S-23	
<b>FRONT CONTROL BOARD</b>					
		C202	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		D201	0DL571300AA	LED, SPR571MVW3 ROHM	
		D202	0DZ560009AA	DIODE, ZENER, MTZ5.6B, TP(52MM), ROHM	
		L201	125-155J	CORE (CIRC), FERRITE, BEAD (BFS2550A0FG), SAMHWA	
		P201	6602T20003H	WAFER, MOLEX 35363-0910 LOCKING TYPE ANGLE(2.0MM)	

MODEL: (StudioWorks) 77M				DATE: 1998 . 2. 1.	
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		P202	6602T20003B	WAFER, MOLEX 35363-0310 LOCKING TYPE ANGLE(2.0MM)	
		R201	ORN1001F409	RESISTOR, FIXED METAL FILM, 1K 1/6W 1% TA52	
		R202	ORN1300F409	RESISTOR, FIXED METAL FILM, 130 1/6W 1% TA52	
		R203	ORD3900F509	RESISTOR, FIXED CARBON FILM, 390 1/6W 2 TA52	
		R204	ORN6800F409	RESISTOR, FIXED METAL FILM, 680 1/6W 1% TA52	
		R205	ORD1301F509	RESISTOR, FIXED CARBON FILM, 1.3K 1/6W 2 TA52	
		R206	ORN3901F409	RESISTOR, FIXED METAL FILM, 3.90K 1/6W 1% TA52	
		R207	ORD2001F609	RESISTOR, FIXED CARBON FILM, 2.0K 1/6W 5 TA52	
		R208	ORD3600F609	RESISTOR, FIXED CARBON FILM, 360 1/6W 5 TA52	
		R209	ORD3600F609	RESISTOR, FIXED CARBON FILM, 360 1/6W 5 TA52	
		R210	ORD4700F509	RESISTOR, FIXED CARBON FILM, 470 1/6W 2 TA52	
		VR201	6110T9H001C	VOLUME, 9PHI, B10K,F20,N-C,JP/SW,SINGLE	
		VR202	6110T9H001C	VOLUME, 9PHI, B10K,F20,N-C,JP/SW,SINGLE	
		SW201	140-058D	SWITCH,TACT, SKHV 10911A (7MM)	
		SW202	140-058D	SWITCH,TACT, SKHV 10911A (7MM)	
		SW203	140-058D	SWITCH,TACT, SKHV 10911A (7MM)	
		SW204	140-058D	SWITCH,TACT, SKHV 10911A (7MM)	
		SW205	140-058D	SWITCH,TACT, SKHV 10911A (7MM)	
		SW206	140-058D	SWITCH,TACT, SKHV 10911A (7MM)	
<b>JACK BOARD</b>					
		C801	0CH6102K406	CAPACITOR, CHIP[CERAMIC LD-LESS TC], 1000PF 50V	
		C802	181-288B	CAPACITOR, POLYESTER, MKT 100V 104JTR PHS26104	
		C803	0CE1076F618	CAPACITOR, AL.ELECTROLYTIC, 100UF SMS 16V M TP(5)	
		C805	0CE106BK638	CAPACITOR, AL.ELECTROLYTIC, 10U KME 50V M FM5 TP5	
		D801	0DZ360009AA	DIODE, ZENER, MTZ3.6B TP(52MM),ROHM	
		JA801	380-077D	JACK, EARPHONE, HSJ0912-01-010 (HOSIDEN)	
		JA802	380-077F	JACK, EARPHONE, HSJ0914-01-142 (HOSIDEN)	
		JA803	6612TCV002A	JACK, EARPHONE, SHQ8593-01-050(BK) HOSIDEN STRAGHT	
		JA804	6612TCV002A	JACK, EARPHONE, SHQ8593-01-050(BK) HOSIDEN STRAGHT	
		L801	125-155F	CORE (CIRC), FERRITE, BEAD (BFD3580R2FG), SAMHWA	
		L802	125-155F	CORE (CIRC), FERRITE, BEAD (BFD3580R2FG), SAMHWA	
		P801	6602T20002E	WAFER, MOLEX 35362-0610 LOCKING TYPE ST	
		P802	366-921A	WAFER, IL-G(2.5S)	
		P803	366-921B	WAFE, IL-G 3(2.5S)	
		P804	366-039A	WAFER, MOLEX 5045-02A (2.5)	
		P805	366-921F	WAFER, IL-G 7(2.5S)	
		Q801	0TF982009AA	FET, 2SK982 TPE2 TP, TOSHIBA	
		R801	ORD1003F609	RESISTOR, FIXED CARBON FILM, 100K 1/6W 5 TA52	
		R802	0RH2200D622	RESISTOR, CHIP, 220 1/10W 5 D.R/TP	
		R803	ORD2200F609	RESISTOR, FIXED CARBON FILM, 220 1/6W 5 TA52	
		R804	0RH1002D622	RESISTOR, CHIP, 10K 1/10W 5 D.R/TP	
		R805	ORD1002F609	RESISTOR, FIXED CARBON FILM, 10K 1/6W 5 TA52	
		R806	ORD1002F609	RESISTOR, FIXED CARBON FILM, 10K 1/6W 5 TA52	

MODEL: (StudioWorks) 77M				DATE: 1998 . 2. 1.	
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
<b>AUDIO BOARD</b>					
		C1	0CN1020K519	CAPACITOR, TUBULAR(HIGH DIELEC), 1000P 50V K B TA52	
		C2	0CN1020K519	CAPACITOR, TUBULAR(HIGH DIELEC), 1000P 50V K B TA52	
		C3	0CE1056K618	CAPACITOR, AL.ELECTROLYTIC, 1.0U SMS 50V M FM5 TP5	
		C4	0CE1056K618	CAPACITOR, AL.ELECTROLYTIC, 1.0U SMS 50V M FM5 TP5	
		C5	0CQ1041N409	CAPACITOR, POLYESTER, 0.1000UF 100V J PE TP	
		C6	0CE1076F618	CAPACITOR, AL.ELECTROLYTIC, 100UF SMS 16V M TP(5)	
		C7	0CE1076F618	CAPACITOR, AL.ELECTROLYTIC, 100UF SMS 16V M TP(5)	
		C8	181-288J	CAPACITOR, POLYESTER, MKT 100V 563JTR PHS26563	
		C9	181-288J	CAPACITOR, POLYESTER, MKT 100V 563JTR PHS26563	
		C10	0CQ1531N409	CAPACITOR, POLYESTER, 0.015U 100V J POLY TP	
		C11	0CQ1531N409	CAPACITOR, POLYESTER, 0.015U 100V J POLY TP	
		C12	0CQ1041N409	CAPACITOR, POLYESTER, 0.1000UF 100V J PE TP	
		C13	0CQ1041N409	CAPACITOR, POLYESTER, 0.1000UF 100V J PE TP	
		C14	0CQ1041N409	CAPACITOR, POLYESTER, 0.1000UF 100V J PE TP	
		C15	0CE1056K618	CAPACITOR, AL.ELECTROLYTIC, 1.0U SMS 50V M FM5 TP5	
		C16	0CE1056K618	CAPACITOR, AL.ELECTROLYTIC, 1.0U SMS 50V M FM5 TP5	
		C17	0CE4766F618	CAPACITOR, AL.ELECTROLYTIC, 47U SMS 16V M FM5 TP5	
		C18	0CE4766F618	CAPACITOR, AL.ELECTROLYTIC, 47U SMS 16V M FM5 TP5	
		C19	0CE1076F618	CAPACITOR, AL.ELECTROLYTIC, 100UF SMS 16V M TP(5)	
		C20	0CE1076F618	CAPACITOR, AL.ELECTROLYTIC, 100UF SMS 16V M TP(5)	
		C21	0CQ1041N409	CAPACITOR, POLYESTER, 0.1000UF 100V J PE TP	
		C22	0CQ1041N409	CAPACITOR, POLYESTER, 0.1000UF 100V J PE TP	
		C23	0CE108CF618	CAPACITOR, AL.ELECTROLYTIC, 1000UF SHL 16V M FL TP5	
		C24	0CE108CF618	CAPACITOR, AL.ELECTROLYTIC, 1000UF SHL 16V M FL TP5	
		C25	0CE3376F618	CAPACITOR, AL.ELECTROLYTIC, 330M SMS 16V M FM5 TP5	
		C26	0CE108CH618	CAPACITOR, AL.ELECTROLYTIC, 1000UF SHL 25V M FL TP5	
		C27	0CN1040K949	CAPACITOR, TUBULAR(HIGH DIELEC), 0.1M 50V Z F TA52	
		C28	0CE1076F618	CAPACITOR, AL.ELECTROLYTIC, 100UF SMS 16V M TP(5)	
		D1	0DZ100009AB	DIODE, ZENER, UZ10BSB MINI TP UNIZON	
		IC1	0IPH152600A	IC, PHILIPS, TDA1526	
		IC2	0IKE628300B	IC, KEC, KIA6283K	
		P1	366-921C	WAFER, IL-G 4(2.5S)	
		P2	366-921F	WAFER, IL-G 7(2.5S)	
		P3	6602T20002E	WAFER, MOLEX 35362-0610 LOCKING TYPE ST	
		P4	366-921A	WAFER, IL-G(2.5S)	
		Q1	0TR200009AB	TRANSISTOR, KTC200-Y,TP, KEC	
		R1	0RD2202F609	RESISTOR, FIXED CARBON FILM, 22K 1/6W 5 TA52	
		R2	0RD2202F609	RESISTOR, FIXED CARBON FILM, 22K 1/6W 5 TA52	
		R3	0RD2202F609	RESISTOR, FIXED CARBON FILM, 22K 1/6W 5 TA52	
		R4	0RD2202F609	RESISTOR, FIXED CARBON FILM, 22K 1/6W 5 TA52	
		R5	0RD8202F609	RESISTOR, FIXED CARBON FILM, 82K 1/6W 5 TA52	
		R6	0RD7502F609	RESISTOR, FIXED CARBON FILM, 75K 1/6W 5 TA52	
		R7	0RD7502F609	RESISTOR, FIXED CARBON FILM, 75K 1/6W 5 TA52	
		R8	0RD4702F609	RESISTOR, FIXED CARBON FILM, 47K 1/6W 5 TA52	
		R9	0RD4702F609	RESISTOR, FIXED CARBON FILM, 47K 1/6W 5 TA52	

MODEL: (StudioWorks) 77M				DATE: 1998 . 2. 1.	
*S	*AL	LOC. NO.	PART NO.	DESCRIPTION / SPECIFICATION	REMARK
		R10	ORD8200F609	RESISTOR, FIXED CARBON FILM, 820 1/6W 5 TA52	
		R11	ORD8200F609	RESISTOR, FIXED CARBON FILM, 820 1/6W 5 TA52	
		R12	ORD1800F609	RESISTOR, FIXED CARBON FILM, 180 1/6W 5 TA52	
		R13	ORD1800F609	RESISTOR, FIXED CARBON FILM, 180 1/6W 5 TA52	
		R14	ORD5100F609	RESISTOR, FIXED CARBON FILM, 510 1/6W 5 TA52	
		R22	ORD0221F609	RESISTOR, FIXED CARBON FILM, 2.2 1/6W 5 TA52	
		R23	ORD0221F609	RESISTOR, FIXED CARBON FILM, 2.2 1/6W 5 TA52	
<b>MISCELLANEOUS</b>					
		CDT	2423GC0B82E	CDT, M41LFQ813X_07NLAD, FOR NORTHERN HEMISPHERE	
		CDT	2423GC0B84B	CDT, M41LFQ813X_07RLAD, FOR EQUATORIAL	
		D/COIL	6140TC3001A	COIL,DEGAUSSING, D-COIL(17"),14.28 OHM, L1090	
		G/WIRE	6868T17003A	CDT GROUND WIRE	
		MIC	6513TCO001A	MICROPHONE ASSY, CMT-64(BOSUNG)	
		A/V CORD	6852TAZ002B	A/V CORD, 2-PLUG D3.5 L1520	
		P/CORD	174-196B	POWER CORD, EUROPE, WALL, L1830, IVORY, I-SHENG	
	or	P/CORD	174-206F	POWER CORD, WALL-OUT, 6FT, IVORY, FOR USA/CAN	
	or	P/CORD	6410TWP001A	POWER CORD, PC-OUT, 5FT, IVORY, WORLD-WIDE	
		S/CABLE	6866TA9008A	SIGNAL CABLE, 2990-9C, L1830, IVORY, CS780(GM)	