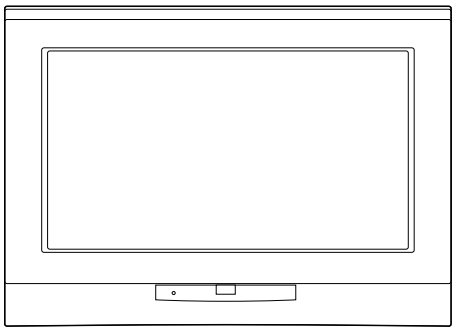
website:http://biz.LGservice.com
e-mail:http://www.LGEservice.com/techsup.html

COLOR TV
SERVICE MANUAL

CHASSIS : MC-006A

MODEL:WT-32Q82IP
WT-32Q81IP

CAUTION
BEFORE SERVICING THE CHASSIS,
READ THE SAFETY PRECAUTIONS IN THIS MANUAL.



CONTENTS

SAFETY PRECAUTIONS

IMPORTANT SAFETY NOTICE

Many electrical and mechanical parts in this chassis have special safety-related characteristics. These parts are identified by ⚠ in the Schematic Diagram and Replacement Parts List.
It is essential that these special safety parts should be replaced with the same components as recommended in this manual to prevent X-RADIATION, Shock, Fire, or other Hazards.
Do not modify the original design without permission of manufacturer.

General Guidance

An **Isolation Transformer should always be used** during the servicing of a receiver whose chassis is not isolated from the AC power line. Use a transformer of adequate power rating as this protects the technician from accidents resulting in personal injury from electrical shocks.

It will also protect the receiver and it's components from being damaged by accidental shorts of the circuitary that may be inadvertently introduced during the service operation.

If any fuse (or Fusible Resistor) in this TV receiver is blown, replace it with the specified.

When replacing a high wattage resistor (Oxide Metal Film Resistor, over 1W), keep the resistor 10mm away from PCB.

Keep wires away from high voltage or high temperature parts.

Due to high vacuum and large surface area of picture tube, extreme care should be used in **handling the Picture Tube**. Do not lift the Picture tube by it's Neck.

X-RAY Radiation

Warning:

The source of X-RAY RADIATION in this TV receiver is the High Voltage Section and the Picture Tube.
For continued X-RAY RADIATION protection, the replacement tube must be the same type tube as specified in the Replacement Parts List.

To determine the presence of high voltage, use an accurate high impedance HV meter.

Adjust brightness, color, contrast controls to minimum.
Measure the high voltage.
The meter reading should indicate
23.5 ± 1.5KV: 14-19 inch, 26 ± 1.5KV: 19-21 inch,
29.0 ± 1.5KV: 25-29 inch, 30.0 ± 1.5KV: 32 inch
If the meter indication is out of tolerance, immediate service and correction is required to prevent the possibility of premature component failure.

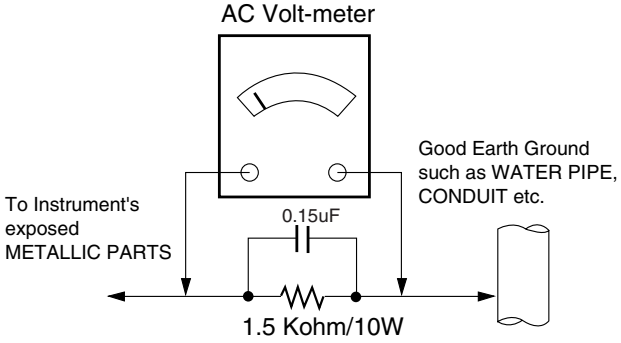
Before returning the receiver to the customer,

always perform an **AC leakage current check** on the exposed metallic parts of the cabinet, such as antennas, terminals, etc., to be sure the set is safe to operate without damage of electrical shock.

Leakage Current Cold Check(Antenna Cold Check)
With the instrument AC plug removed from AC source, connect an electrical jumper across the two AC plug prongs. Place the AC switch in the on positioin, connect one lead of ohm-meter to the AC plug prongs tied together and touch other ohm-meter lead in turn to each exposed metallic parts such as antenna terminals, phone jacks, etc.
If the exposed metallic part has a return path to the chassis, the measured resistance should be between 1MΩ and 5.2MΩ.
When the exposed metal has no return path to the chassis the reading must be infinite.
An other abnormality exists that must be corrected before the receiver is returned to the customer.

Leakage Current Hot Check (See below Figure)
Plug the AC cord directly into the AC outlet.
Do not use a line Isolation Transformer during this check.
Connect 1.5K/10watt resistor in parallel with a 0.15uF capacitor between a known good earth ground (Water Pipe, Conduit, etc.) and the exposed metallic parts.
Measure the AC voltage across the resistor using AC voltmeter with 1000 ohms/volt or more sensitivity.
Reverse plug the AC cord into the AC outlet and repeat AC voltage measurements for each esposed metallic part. Any voltage measured must not exceed 0.75 volt RMS which is corresponds to 0.5mA.
In case any measurement is out of the limits sepcified, there is possibility of shock hazard and the set must be checked and repaired before it is returned to the customer.

Leakage Current Hot Check circuit



SPECIFICATIONS

Note : Specification and others are subject to change without notice for improvement.

- **Video input system:**
  PAL-B/G, D/K, I/I
  SECAM-B/G, D/K/L/L'
  NTSC M
  NTSC 4.43(AV)

- **Intermediate Frequency (Unit : MHz)**
  VISION IF : 38.9MHz,33.9MHz(SECAM-L')
  COLOR IF : 34.47MHz(4.43)
  35.32MHz(3.58) : NTSC-M
  (VIF-4.25000MHz / VIF-4.40625MHz): SECAM

  SOUND IF : 33.4MHz (B/G)
  32.9MHz (I/I)
  32.4MHz (D/K,L)
  34.4MHz (M)
  40.4MHz (L')

- **Power requirement :** 110~240V, 50/60Hz
- **Power consumption :** 170W
- **CPT :** Flat CPT

- **Tuning range**

Band	For TV				For CATV
	B/G	D/K	I/I	NTSC	
VHF-Low	Ch2-4	Ch1-5		Ch2-13	S1'-S3', S1
VHF-High	Ch5-12	Ch6-12	Ch4-13		S2-S10, S11-S20
Hyper					S21-S41
UHF	Ch21-69			Ch14-69	

- **Tuning system :**
  FVS
  100 Programme memory

- **Antenna input impedance :** VHF/UHF 75 ohm, unbalanced

- **OSD (On Screen Display) :** EZ MENU Type

- **Voice coil impedance :** 8 ohm

- **Sound output :** R,L Out : 7W+7W
  Center : 5W
  Woofer : 20W

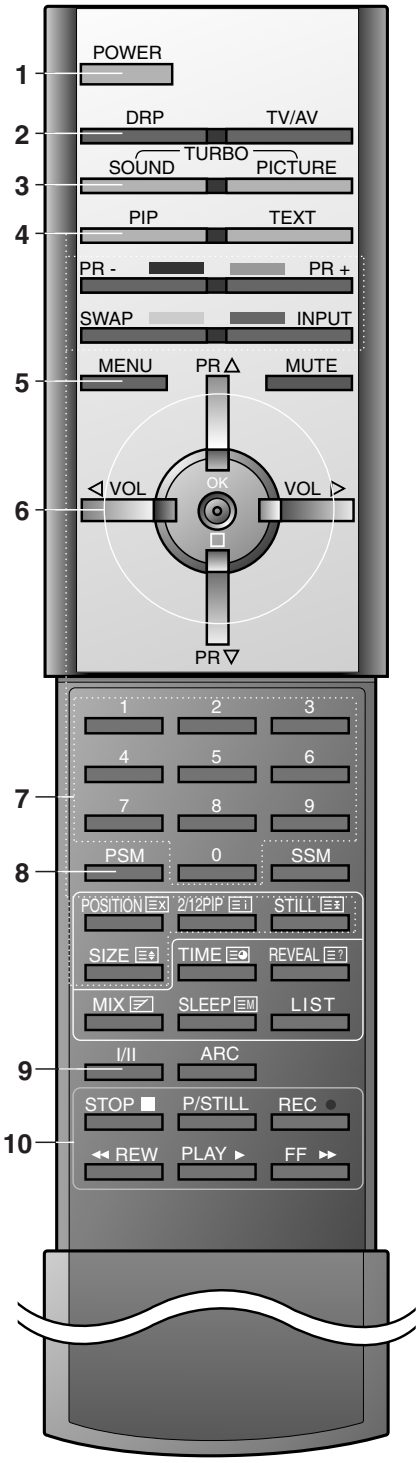
- **External connection :**
  Front or Side: Head Phone Jack, S-VIDEO in, A/V in :1 pair, VGA input
  Back: Scart 1(Full) A/V in/out, Scart 2(Half)+Audio out A/V in/out

- **External In/Output**
  Audio-In:0.5Vrms±3db,over 10Kohm
  Audio-Out:0.5Vrms±3db,below 1Kohm
  Video-In/Out:1Vp-p±3db,75ohm
  R,G,B In:0.7Vp-p±3db

- **Feature :** Auto programme/Manual programme
  SVM (Scanning Velocity Modulation)
  Digital Eye
  Digital Comb Filter
  Auto Sleep
  Dynamic Focus
  Programme Editing
  PSM (Picture Status Memory)
  SSM (Sound Status Memory)
  CTI
  Teletext (128 page)
  Turbo Search, Picture & Sound
  ACMS
  ARC (Zoom 1/ZOOM 2, 16:9↔4:3)
  2 TUNER PIP(Double Window PIP)
  MUP mode(Program Scan)
  VGA input

Child Lock : In the Lock On state the TV can only be operated by the Remote Controller.
If any button on the front panel is pressed, "Child Lock" is displayed on the screen but the button's function is not performed.
To cancel of this mode, select lock off with menu button on remote controller only.

DESCRIPTION OF CONTROLS



All the functions can be controlled with the remote control handset. Some functions can also be adjusted with the buttons on the front panel of the set.

Remote control handset

Before you use the remote control handset, please install the batteries. See the next page.

1. **POWER**
   switches the set on from standby or off to standby.

2. **DRP (Digital Reality Picture)**
   switches DRP 1250 or 100.

3. **TURBO SOUND BUTTON**
   selects Turbo sound.

4. **PIP BUTTONS**
   PIP
   switches the sub picture on or off.
   PR +/–
   selects a programme for the sub picture.
   SWAP
   alternates between main and sub picture.
   INPUT
   selects the input mode for the sub picture.
   SIZE
   adjusts the sub picture size.
   STILL
   freezes motion of the sub picture.
   POSITION
   relocates the sub picture in clockwise direction.
   2/12 PIP
   switches on or off the programme scan mode through 12 sub pictures.

5. **MENU**
   selects a menu.

6. **▲ / ▼ (Programme Up/Down)**
   selects a programme or a menu item.
   switches the set on from standby.
   ◀ / ▶ (Volume Up/Down)
   adjusts the volume.
   adjusts menu settings.
   OK
   accepts your selection or displays the current mode.

7. **NUMBER BUTTONS**
   switches the set on from standby or directly select a number.

8. **PSM (Picture Status Memory)**
   recalls your preferred picture setting.

9. **I/II**
   selects the language during dual language broadcast.
   selects the sound output (option).

10. **VCR BUTTONS**
    control a LG video cassette recorder.

11. TV/AV
selects TV or AV mode.
clears the menu / text from the screen.
switches the set on from standby.

12. TURBO PICTURE BUTTON
selects Turbo picture.

13. TELETEXT BUTTONS
These buttons are used for teletext.
For further details, see the 'Teletext' section.

14. SWAP
returns to the previously viewed programme.

15. MUTE
switches the sound on or off.

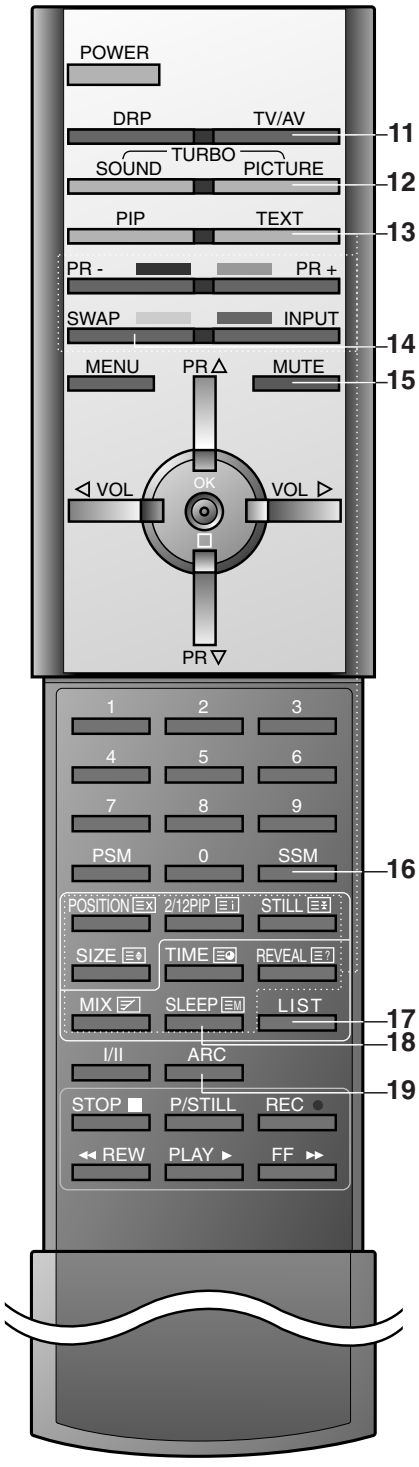
16. SSM (Sound Status Memory)
recalls your preferred sound setting.

17. LIST
displays the programme table.

18. SLEEP
sets the sleep timer.

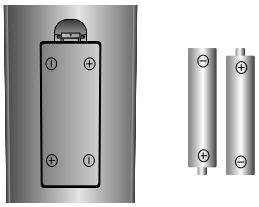
19. ARC (Aspect Ratio Control)
changes the picture format.

Note : *In teletext mode, the* ***PR +/–****,* ***SWAP*** *and* ***INPUT*** *buttons are used for teletext function.*



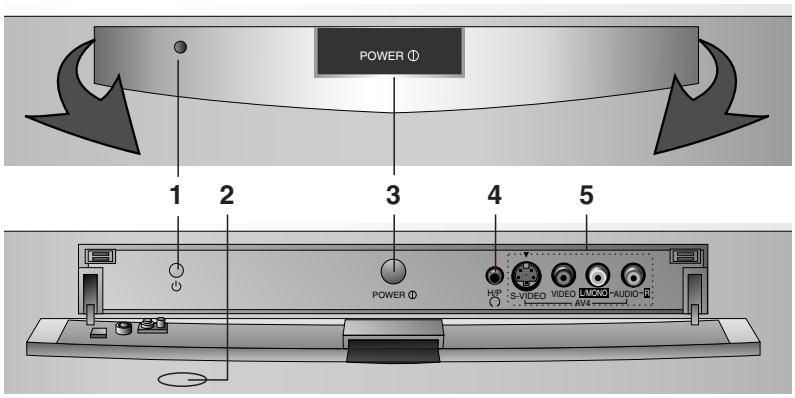
Battery installation

The remote control handset is powered by two AAA type batteries. To load the batteries, turn the remote control handset over and open the battery compartment. Install two batteries as indicated by the polarity symbols (⊕ and ⊖) marked inside the compartment.

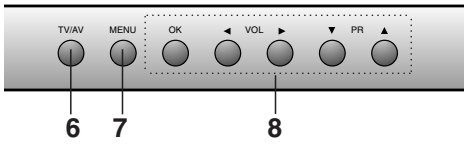


Note : *To avoid damage from possible battery leakage, remove the batteries if you do not plan to use the remote control handset for an extended period of time.*

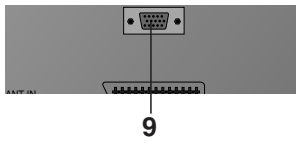
Front panel



Top panel



Back panel



1. **POWER/STANDBY INDICATOR**
   illuminates red when the set is in standby mode and green when the set is switched on.

2. **REMOTE CONTROL SENSOR**

3. **MAIN POWER (POWER ⏻)**
   switches the set on or off.

4. **HEADPHONE SOCKET**
   Connect the headphone plug to this socket.

5. **AUDIO/VIDEO IN SOCKETS (AV4)**
   Connect the audio/video out sockets of external equipment to these sockets.
   S-VIDEO/AUDIO IN SOCKETS (S-AV)
   Connect the video out socket of an S-VIDEO VCR to the **S-VIDEO** socket.
   Connect the audio out sockets of the S-VIDEO VCR to the audio sockets as in **AV4**.

6. **TV/AV (option)**
   selects TV or AV mode.
   clears the menu / text from the screen.
   switches the set on from standby.

7. **MENU**
   selects a menu.

8. **OK**
   accepts your selection or displays the current mode.
   ◄ / ► (Volume Up/Down)
   adjusts the volume.
   adjusts menu settings.
   ▲ / ▼ (Programme Up/Down)
   selects a programme or a menu item.
   switches the set on from standby.

9. **PC INPUT SOCKET**
   Connect the monitor output socket of the PERSONAL COMPUTER to this socket.
   Note : *Set the resolution of PC to VGA 640x480 (60 Hz) video mode to use this set as PC monitor.*

DISASSEMBLY INSTRUCTIONS

Important note
This set is disconnected from the power supply through the converter transformer. An isolating transformer is necessary for service operations on the primary side of the converter transformer.

Back Cabinet Removal
Remove the screws residing on the back cabinet and carefully separate the back cabinet from the front cabinet. (Fig. 2-1).

CPT Removal
1. Pull out the CPT board from the CPT neck.
2. Place the front cabinet on soft material not to mar the front surface or damage control knobs.
3. Remove 4 screws securing the picture tube mounting brackets to the front cabinet.
4. Carefully separate CPT from the front cabinet.

Chassis Assy Removal
Grasp both side of Frame and pull it backward smoothly.

Speaker Assy Removal
1. Remove P1651 and P1652 connector from Main2 (Power/Def./ Sound-Amp) Board.
2. Remove respective 6 screws for speaker on the front cabinet. (Fig. 2-2).

PICTURE TUBE HANDLING CAUTION
Due to high vacuum and large surface area of picture tube, great care must be exercised when handling picture tube. Always lift picture tube by grasping it firmly around faceplate.
NEVER LIFT TUBE BY ITS NECK! The picture tube must not be scratched or subjected to excessive pressure as fracture of glass may result in an implosion of considerable violence which can cause personal injury or property damage.

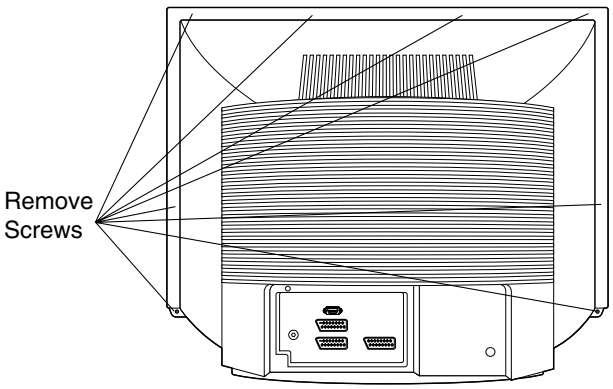


Fig. 2-1

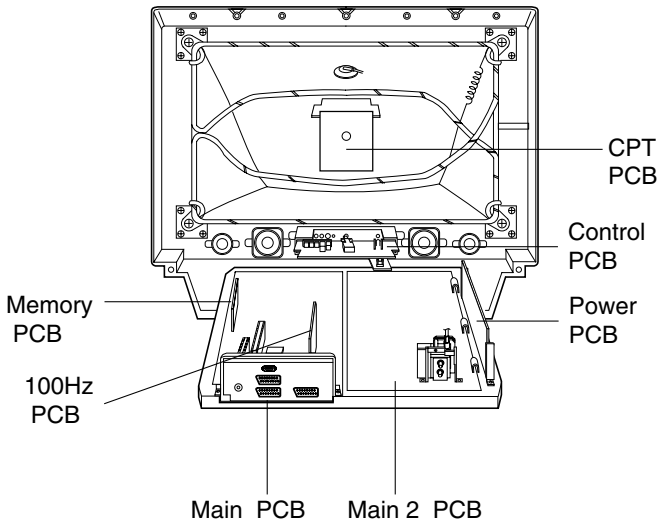


Fig. 2-2

ADJUSTMENT INSTRUCTIONS

☐ Safety Precautions

1. It is safe to adjust after using insulating transformer between the power supply line and chassis input to prevent the risk of electric shock and protect the instrument.
2. Never disconnect leads while the TV receiver is on.
3. Don't short any portion of circuits while power is on.
4. The adjustment must be done by the correct appliances.
5. Unless otherwise noted, set the line voltage to 230Vac±10%, 50Hz.
5. The adjustment of TVshould be performed after warming up for 15 minutes.

☐ Test Equipment required

1. RF signal generator (with pattern generator)
2. DC Power Supply
3. Multimeter (volt meter)
4. Oscilloscope
5. Color analyzer

● Focus Adjustment

Test Point	**: Observing Display**
Adjust	**: Focus control of FBT**

1) Tune the TV set to receive a digital pattern.
2) Adjust the upper Focus volume of FBT for the best focus of vertical line B.
3) Adjust the lower Focus volume of FBT for the best focus of area A.
4) Repeat above step 2) and 3) for the best overall focus.

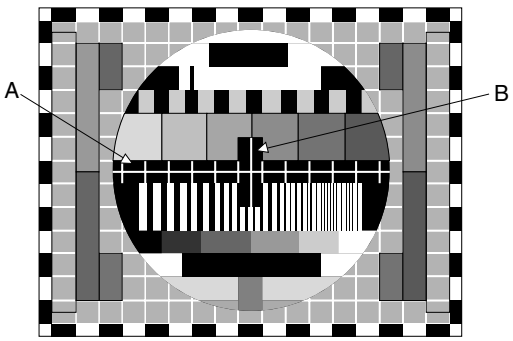


Fig. 1

● Screen Voltage Adjustment

1) Turn the TV set on.
2) This adjustment should be performed after warming up for more than 15 minutes.
3) Enter the SVC mode by pressing the SVC button on remote controller and make a horizontal line by pressing the H-LINE button.
4)Finish adjusting at the point when the horizontal line appears again after adjusting screen volume until the horizontal line disappear.

● White Balance Adjustment

NOTE : This adjustment should be performed after screen voltage adjustment.

1) Tune the TV set to receive an 100% white pattern.
2) Press Channel UP/DOWN button for desirous function Adjustment.
3) Press Volume UP/DOWN button to adjust the data.
4) Adjust until “CONTRAST” and “BRIGHT” become 3.5 Ft_L
5) Enter the SVC mode by pressing the SVC button.
6) Adjust the Y value of High Light with G-DRIVE and adjust the X value with B-DRIVE until they have the color coordinate of High Light as below.
7) Adjust until “CONTRAST” and “BRIGHT” become 4.5 Ft_L
8) Enter the adjustment mode by pressing the SVC button.
9) Adjust the Y value of Low Light with G-CUTOFF and adjust the X value with B-CUTOFF until they have the color coordinate of Low Light as below.
10) Repeat adjusting until the color coordinate of High and Low Light is satisfied.
11) Check the adjusted color coordinate with a white balance meter.

Color Tem.	X	Y	Memo
13000K	266±8	273±8	NON EU
9000K	288±8	295±8	EU

Menu	LG 29” FLAT	LG 29” S/F	LG 32” FLAT
RD	20		
GD	1E		
BD	20		
RC	1F		
GC	1F		
BC	1F		

● Deflection Data Adjustment

1) Deflection Data Adjustment should be performed with the remote controller for handset.
2) Enter the SVC mode by pressing the SVC button.
3) Enter the Deflection Adjustment mode by pressing the ADJUST button.
4) Press the Channel UP/DOWN button to select adjustment items.
5) Press the Volume UP/DOWN button to adjust the data.
6) The TV set receives PAL-B/G Digital pattern.

VS (Vertical Shift)
Adjust so that the horizontal center line of a digital circle pattern is in accord with geometric horizontal center of the CPT.

VA (Vertical Amplitude)
Adjust so that the circle of a digital circle pattern may be located within the effective screen of the CPT.

HS (Horizontal Shift)
Adjust so that the vertical center line of a digital circle pattern is in accord with geometric vertical center of the CPT.

EW (Horizontal Width)
Adjust to that a digital circle pattern looks like exact circle.

A-BOW
In line adjustment, not to change default value is basic.

A-ANG
In angle adjustment, adjust until inclination of left and right screen should be precise.

EP (East-west Parabolar)
Adjust so that middle portion of the outermost left and right vertical line looks like parallel with vertical lines of the CPT.

UC
Adjust until the vertical lines at upper left and right corner of the screen become straight after EP adjustment.

LC
Adjust until the vertical lines at lower left and right corner of the screen become straight after EP adjustment.

SC (Vertical "S" Correction)
Adjust so that all distance between each horizontal lines are to be the same.

VL (Vertical Linearity)
Adjust so that the boundary line between upper and lower half is in accord with geometric horizontal center of the CPT.

Menu	Range	PAL	NTSC	VGA
VS	0-003F	24	2A	20
VA	0-003F	22	1F	16
HS	0-000F	1E	2E	1F
EW	0-000F	1E	1D	17
EP	0-003F	0C	0E	06
ET	0-003F	06	08	07
A-ANG	0-000F	07	07	07
A-BOW	0-000F	07	07	05
UC	0-000F	1D	21	18
LC	0-003F	1D	1D	15
U-VL	0-003F	0B	0B	0D
L-VL	0-003F	0A	07	0B
VL	0-000F	06	06	06
SC	0-000F	00	00	00
V-ASP	0-003F	2F	2F	2F

● OPTION Adjustment (SVC MODE:OPTION-1, OPTION-2, OPTION-3,Teletext)

1) Press YELLOW button or OP1,OP2,OP3,OP4 button on SVC Remote Controller .
2) Input data directly by the buttons corresponded with OPTION1 ???(0~127), OPTION2 ??(0~63), OPTION3 ???(0~127) and TELETEXT ???(6...131).
3) Select each OPTION function by the CH Up/Down button and then set up each OPTION by the VOL Up/Down button.

Table 1. OPTION 1 Function

Option	Code	Function	Remark
200 PR	0	100 PROGRAM	
	1	200 PROGRAM	
TSEAR	0	Without TURBO SEARCH	EU
	1	With TURBO SEARCH	NON-EU
I/II SV	0	NO SAVE DUAL/SOUND Condition	EU
	1	SAVE DUAL/SOUND Condition	NON-EU
TOP	0	FLOP TEXT	WITHOUT TEXT
	1	TOP TEXT	(TOP=0)
EYE	0	WITHOUT EYE	
	1	WITH EYE	
A2 ST	0	NICAM	
	1	NICAM/FM STEREO/DUAL	
SYS	0	BG/I/DK	
	1	BG/LL'	
	2	BG/I/DK/M	
	3	RESERVED	

Table 2. OPTION 1 CODE Data

OPTION Data	200 PR	TSEAR	I/II SV	TOP	EYE	A2 ST	SYS
0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	1
2	0	0	0	0	0	0	2
3	0	0	0	0	0	0	3
4	0	0	0	0	0	1	0
5	0	0	0	0	0	1	1
6	0	0	0	0	0	1	2
7	0	0	0	0	0	1	3
8	0	0	0	0	1	0	0
9	0	0	0	0	1	0	1
10	0	0	0	0	1	0	2
11	0	0	0	0	1	0	3
12	0	0	0	0	1	1	0
13	0	0	0	0	1	1	1
14	0	0	0	0	1	1	2
15	0	0	0	0	1	1	3
16	0	0	0	1	0	0	0

OPTION Data	200 PR	TSEAR	I/II SV	TOP	EYE	A2 ST	SYS
17	0	0	0	1	0	0	1
18	0	0	0	1	0	0	2
19	0	0	0	1	0	0	3
20	0	0	0	1	0	1	0
21	0	0	0	1	0	1	1
22	0	0	0	1	0	1	2
23	0	0	0	1	0	1	3
24	0	0	0	1	1	0	0
25	0	0	0	1	1	0	1
26	0	0	0	1	1	0	2
27	0	0	0	1	1	0	3
28	0	0	0	1	1	1	0
29	0	0	0	1	1	1	1
30	0	0	0	1	1	1	2
31	0	0	0	1	1	1	3
32	0	0	1	0	0	0	0
33	0	0	1	0	0	0	1
34	0	0	1	0	0	0	2
35	0	0	1	0	0	0	3
36	0	0	1	0	0	1	0
37	0	0	1	0	0	1	1
38	0	0	1	0	0	1	2
39	0	0	1	0	0	1	3
40	0	0	1	0	1	0	0
41	0	0	1	0	1	0	1
42	0	0	1	0	1	0	2
43	0	0	1	0	1	0	3
44	0	0	1	0	1	1	0
45	0	0	1	0	1	1	1
46	0	0	1	0	1	1	2
47	0	0	1	0	1	1	3
48	0	0	1	1	0	0	0
49	0	0	1	1	0	0	1
50	0	0	1	1	0	0	2
51	0	0	1	1	0	0	3
52	0	0	1	1	0	1	0
53	0	0	1	1	0	1	1
54	0	0	1	1	0	1	2
55	0	0	1	1	0	1	3
56	0	0	1	1	1	0	0
57	0	0	1	1	1	0	1
58	0	0	1	1	1	0	2
59	0	0	1	1	1	0	3
60	0	0	1	1	1	1	0
61	0	0	1	1	1	1	1
62	0	0	1	1	1	1	2

OPTION Data	200 PR	TSEAR	I/II SV	TOP	EYE	A2 ST	SYS
63	0	0	1	1	1	1	3
64	0	1	0	0	0	0	0
65	0	1	0	0	0	0	1
66	0	1	0	0	0	0	2
67	0	1	0	0	0	0	3
68	0	1	0	0	0	1	0
69	0	1	0	0	0	1	1
70	0	1	0	0	0	1	2
71	0	1	0	0	0	1	3
72	0	1	0	0	1	0	0
73	0	1	0	0	1	0	1
74	0	1	0	0	1	0	2
75	0	1	0	0	1	0	3
76	0	1	0	0	1	1	0
77	0	1	0	0	1	1	1
78	0	1	0	0	1	1	2
79	0	1	0	0	1	1	3
80	0	1	0	1	0	0	0
81	0	1	0	1	0	0	1
82	0	1	0	1	0	0	2
83	0	1	0	1	0	0	3
84	0	1	0	1	0	1	0
85	0	1	0	1	0	1	1
86	0	1	0	1	0	1	2
87	0	1	0	1	0	1	3
88	0	1	0	1	1	0	0
89	0	1	0	1	1	0	1
90	0	1	0	1	1	0	2
91	0	1	0	1	1	0	3
92	0	1	0	1	1	1	0
93	0	1	0	1	1	1	1
94	0	1	0	1	1	1	2
95	0	1	1	0	0	1	3
96	0	1	1	0	0	0	0
97	0	1	1	0	0	0	1
98	0	1	1	0	0	0	2
99	0	1	1	0	0	0	3
100	0	1	1	0	0	1	0
101	0	1	1	0	0	1	1
102	0	1	1	0	0	1	2
103	0	1	1	0	0	1	3
104	0	1	1	0	1	0	0
105	0	1	1	0	1	0	1
106	0	1	1	0	1	0	2
107	0	1	1	0	1	0	3
108	0	1	1	0	1	1	0

OPTION Data	200 PR	TSEAR	I/II SV	TOP	EYE	A2 ST	SYS
109	0	1	1	0	1	1	1
110	0	1	1	0	1	1	2
111	0	1	1	0	1	1	3
112	0	1	1	1	0	0	0
113	0	1	1	1	0	0	1
114	0	1	1	1	0	0	2
115	0	1	1	1	0	0	3
116	0	1	1	1	0	1	0
117	0	1	1	1	0	1	1
118	0	1	1	1	0	1	2
119	0	1	1	1	0	1	3
120	0	1	1	1	1	0	0
121	0	1	1	1	1	0	1
122	0	1	1	1	1	0	2
123	0	1	1	1	1	0	3
124	0	1	1	1	1	1	0
125	0	1	1	1	1	1	1
126	0	1	1	1	1	1	2
127	0	1	1	1	1	1	3
128	1	0	0	0	0	0	0
129	1	0	0	0	0	0	1
130	1	0	0	0	0	0	2
131	1	0	0	0	0	0	3
132	1	0	0	0	0	1	0
133	1	0	0	0	0	1	1
134	1	0	0	0	0	1	2
135	1	0	0	0	0	1	3
136	1	0	0	0	1	0	0
137	1	0	0	0	1	0	1
138	1	0	0	0	1	0	2
139	1	0	0	0	1	0	3
140	1	0	0	0	1	1	0
141	1	0	0	0	1	1	1
142	1	0	0	0	1	1	2
143	1	0	0	0	1	1	3
144	1	0	0	1	0	0	0
145	1	0	0	1	0	0	1
146	1	0	0	1	0	0	2
147	1	0	0	1	0	0	3
148	1	0	0	1	0	1	0
149	1	0	0	1	0	1	1
150	1	0	0	1	0	1	2
151	1	0	0	1	0	1	3
152	1	0	0	1	1	0	0
153	1	0	0	1	1	0	1
154	1	0	0	1	1	0	2

OPTION Data	200 PR	TSEAR	I/II SV	TOP	EYE	A2 ST	SYS
155	1	0	0	1	1	0	3
156	1	0	0	1	1	1	0
157	1	0	0	1	1	1	1
158	1	0	0	1	1	1	2
159	1	0	0	1	1	1	3
160	1	0	1	0	0	0	0
161	1	0	1	0	0	0	1
162	1	0	1	0	0	0	2
163	1	0	1	0	0	0	3
164	1	0	1	0	0	1	0
165	1	0	1	0	0	1	1
166	1	0	1	0	0	1	2
167	1	0	1	0	0	1	3
168	1	0	1	0	1	0	0
169	1	0	1	0	1	0	1
170	1	0	1	0	1	0	2
171	1	0	1	0	1	0	3
172	1	0	1	0	1	1	0
173	1	0	1	0	1	1	1
174	1	0	1	0	1	1	2
175	1	0	1	0	1	1	3
176	1	0	1	1	0	0	0
177	1	0	1	1	0	0	1
178	1	0	1	1	0	0	2
179	1	0	1	1	0	0	3
180	1	0	1	1	0	1	0
181	1	0	1	1	0	1	1
182	1	0	1	1	0	1	2
183	1	0	1	1	0	1	3
184	1	0	1	1	1	0	0
185	1	0	1	1	1	0	1
186	1	0	1	1	1	0	2
187	1	0	1	1	1	0	3
188	1	0	1	1	1	1	0
189	1	0	1	1	1	1	1
190	1	0	1	1	1	1	2
191	1	0	1	1	1	1	3
192	1	1	0	0	0	0	0
193	1	1	0	0	0	0	1
194	1	1	0	0	0	0	2
195	1	1	0	0	0	0	3
196	1	1	0	0	0	1	0
197	1	1	0	0	0	1	1
198	1	1	0	0	0	1	2
199	1	1	0	0	0	1	3
200	1	1	0	0	1	0	0

OPTION Data	200 PR	TSEAR	I/II SV	TOP	EYE	A2 ST	SYS
201	1	1	0	0	1	0	1
202	1	1	0	0	1	0	2
203	1	1	0	0	1	0	3
204	1	1	0	0	1	1	0
205	1	1	0	0	1	1	1
206	1	1	0	0	1	1	2
207	1	1	0	0	1	1	3
208	1	1	0	1	0	0	0
209	1	1	0	1	0	0	1
210	1	1	0	1	0	0	2
211	1	1	0	1	0	0	3
212	1	1	0	1	0	1	0
213	1	1	0	1	0	1	1
214	1	1	0	1	0	1	2
215	1	1	0	1	1	1	3
216	1	1	0	1	1	0	0
217	1	1	0	1	1	0	1
218	1	1	0	1	1	0	2
219	1	1	0	1	1	0	3
220	1	1	0	1	1	1	0
221	1	1	0	1	1	1	1
222	1	1	0	1	1	1	2
223	1	1	1	0	0	1	3
224	1	1	1	0	0	0	0
225	1	1	1	0	0	0	1
226	1	1	1	0	0	0	2
227	1	1	1	0	0	0	3
228	1	1	1	0	0	1	0
229	1	1	1	0	0	1	1
230	1	1	1	0	0	1	2
231	1	1	1	0	0	1	3
232	1	1	1	0	1	0	0
233	1	1	1	0	1	0	1
234	1	1	1	0	1	0	2
235	1	1	1	0	1	0	3
236	1	1	1	0	1	1	0
237	1	1	1	0	1	1	1
238	1	1	1	0	1	1	2
239	1	1	1	0	1	1	3
240	1	1	1	1	0	0	0
241	1	1	1	1	0	0	1
242	1	1	1	1	0	0	2
243	1	1	1	1	0	0	3
244	1	1	1	1	0	1	0
245	1	1	1	1	0	1	1
246	1	1	1	1	0	1	2
247	1	1	1	1	0	1	3
248	1	1	1	1	1	0	0
249	1	1	1	1	1	0	1
250	1	1	1	1	1	0	2
251	1	1	1	1	1	0	3
252	1	1	1	1	1	1	0
253	1	1	1	1	1	1	1
254	1	1	1	1	1	1	2
255	1	1	1	1	1	1	3

Table 3. OPTION 2 Function

Option	Code	Function	Remark
ACMS	0	WITHOUT ACMS FUNTION	
	1	WITH ACMS FUNTION	
VOL	0	STANDARD CURVE	LOW STEP=>RUSH
	1	RUSHED CURVE	HIGH STEP=>SLOW
H/PHO	0	WITHOUT H/PHONE JACK	
	1	WITH H/PHONE JACK	
DVD	0	WITHOUT DVD(Y,Pb,Pr)	
	1	WITH DVD(Y,Pb,Pr)	
SAV	0		
	1	AV2 Y&C	
WOOF	0	WITHOUT WOOFER	
	1	WITH WOOFER	
VGA	0	WITHOUT VGA MODE	
	1	WITH VGA MODE	
Q30	0	Q90 TOOL	
	1	Q30 TOOL	

Table 4. OPTION 2 CODE Data

DATA	ACMS	VOL	H/PHO	DVD	SAV	WOOFER	VGA	Q30
0	0	0	0	0	0	0	0	0
1	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	1	0
3	0	0	0	0	0	0	1	1
4	0	0	0	0	0	1	0	0
5	0	0	0	0	0	1	0	1
6	0	0	0	0	0	1	1	0
7	0	0	0	0	0	1	1	1
8	0	0	0	0	1	0	0	0
9	0	0	0	0	1	0	0	1
10	0	0	0	0	1	0	1	0
11	0	0	0	0	1	0	1	1
12	0	0	0	0	1	1	0	0
13	0	0	0	0	1	1	0	1
14	0	0	0	0	1	1	1	0
15	0	0	0	0	1	1	1	1
16	0	0	0	1	0	0	0	0
17	0	0	0	1	0	0	0	1
18	0	0	0	1	0	0	1	0
19	0	0	0	1	0	0	1	1
20	0	0	0	1	0	1	0	0
21	0	0	0	1	0	1	0	1
22	0	0	0	1	0	1	1	0
23	0	0	0	1	0	1	1	1
24	0	0	0	1	1	0	0	0
25	0	0	0	1	1	0	0	1
26	0	0	0	1	1	0	1	0
27	0	0	0	1	1	0	1	1
28	0	0	0	1	1	1	0	0
29	0	0	0	1	1	1	0	1
30	0	0	0	1	1	1	1	0
31	0	0	0	1	1	1	1	1
32	0	0	1	0	0	0	0	0
33	0	0	1	0	0	0	0	1
34	0	0	1	0	0	0	1	0
35	0	0	1	0	0	0	1	1
36	0	0	1	0	0	1	0	0
37	0	0	1	0	0	1	0	1
38	0	0	1	0	0	1	1	0
39	0	0	1	0	0	1	1	1
40	0	0	1	0	1	0	0	0
41	0	0	1	0	1	0	0	1
42	0	0	1	0	1	0	1	0
43	0	0	1	0	1	0	1	1
44	0	0	1	0	1	1	0	0
45	0	0	1	0	1	1	0	1
46	0	0	1	0	1	1	1	0
47	0	0	1	0	1	1	1	1
48	0	0	1	1	0	0	0	0
49	0	0	1	1	0	0	0	1
50	0	0	1	1	0	0	1	0
51	0	0	1	1	0	0	1	1
52	0	0	1	1	0	1	0	0
53	0	0	1	1	0	1	0	1
54	0	0	1	1	0	1	1	0
55	0	0	1	1	0	1	1	1
56	0	0	1	1	1	0	0	0
57	0	0	1	1	1	0	0	1
58	0	0	1	1	1	0	1	0
59	0	0	1	1	1	0	1	1
60	0	0	1	1	1	1	0	0
61	0	0	1	1	1	1	0	1
62	0	0	1	1	1	1	1	0
63	0	0	1	1	1	1	1	1
64	0	1	0	0	0	0	0	0
65	0	1	0	0	0	0	0	1
66	0	1	0	0	0	0	1	0
67	0	1	0	0	0	0	1	1
68	0	1	0	0	0	1	0	0
69	0	1	0	0	0	1	0	1
70	0	1	0	0	0	1	1	0
71	0	1	0	0	0	1	1	1
72	0	1	0	0	1	0	0	0
73	0	1	0	0	1	0	0	1
74	0	1	0	0	1	0	1	0
75	0	1	0	0	1	0	1	1
76	0	1	0	0	1	1	0	0
77	0	1	0	0	1	1	0	1
78	0	1	0	0	1	1	1	0
79	0	1	0	0	1	1	1	1
80	0	1	0	1	0	0	0	0
81	0	1	0	1	0	0	0	1
82	0	1	0	1	0	0	1	0
83	0	1	0	1	0	0	1	1
84	0	1	0	1	0	1	0	0
85	0	1	0	1	0	1	0	1
86	0	1	0	1	0	1	1	0
87	0	1	0	1	0	1	1	1
88	0	1	0	1	1	0	0	0
89	0	1	0	1	1	0	0	1
90	0	1	0	1	1	0	1	0

DATA	ACMS	VOL	H/PHO	DVD	SAV	WOOFER	VGA	Q30
91	0	1	0	1	1	0	1	1
92	0	1	0	1	1	1	0	0
93	0	1	0	1	1	1	0	1
94	0	1	0	1	1	1	1	0
95	0	1	1	0	0	1	1	1
96	0	1	1	0	0	0	0	0
97	0	1	1	0	0	0	0	1
98	0	1	1	0	0	0	1	0
99	0	1	1	0	0	0	1	1
100	0	1	1	0	0	1	0	0
101	0	1	1	0	0	1	0	1
102	0	1	1	0	0	1	1	0
103	0	1	1	0	1	1	1	1
104	0	1	1	0	1	0	0	0
105	0	1	1	0	1	0	0	1
106	0	1	1	0	1	0	1	0
107	0	1	1	0	1	0	1	1
108	0	1	1	0	1	1	0	0
109	0	1	1	0	1	1	0	1
110	0	1	1	0	1	1	1	0
111	0	1	1	0	0	1	1	1
112	0	1	1	1	0	0	0	0
113	0	1	1	1	0	0	0	1
114	0	1	1	1	0	0	1	0
115	0	1	1	1	0	0	1	1
116	0	1	1	1	0	1	0	0
117	0	1	1	1	0	1	0	1
118	0	1	1	1	0	1	1	0
119	0	1	1	1	1	1	1	1
120	0	1	1	1	1	0	0	0
121	0	1	1	1	1	0	0	1
122	0	1	1	1	1	0	1	0
123	0	1	1	1	1	0	1	1
124	0	1	1	1	1	1	0	0
125	0	1	1	1	1	1	0	1
126	0	1	1	1	1	1	1	0
127	0	1	1	1	0	1	1	1
128	1	0	0	0	0	0	0	0
129	1	0	0	0	0	0	0	1
130	1	0	0	0	0	0	1	0
131	1	0	0	0	0	0	1	1
132	1	0	0	0	0	1	0	0
133	1	0	0	0	0	1	0	1
134	1	0	0	0	0	1	1	0
135	1	0	0	0	1	1	1	1
136	1	0	0	0	1	0	0	0

DATA	ACMS	VOL	H/PHO	DVD	SAV	WOOFER	VGA	Q30
137	1	0	0	0	1	0	0	1
138	1	0	0	0	1	0	1	0
139	1	0	0	0	1	0	1	1
140	1	0	0	0	1	1	0	0
141	1	0	0	0	1	1	0	1
142	1	0	0	0	1	1	1	0
143	1	0	0	0	1	1	1	1
144	1	0	0	1	0	0	0	0
145	1	0	0	1	0	0	0	1
146	1	0	0	1	0	0	1	0
147	1	0	0	1	0	0	1	1
148	1	0	0	1	0	1	0	0
149	1	0	0	1	0	1	0	1
150	1	0	0	1	0	1	1	0
151	1	0	0	1	0	1	1	1
152	1	0	0	1	1	0	0	0
153	1	0	0	1	1	0	0	1
154	1	0	0	1	1	0	1	0
155	1	0	0	1	1	0	1	1
156	1	0	0	1	1	1	0	0
157	1	0	0	1	1	1	0	1
158	1	0	0	1	1	1	1	0
159	1	0	0	1	1	1	1	1
160	1	0	1	0	0	0	0	0
161	1	0	1	0	0	0	0	1
162	1	0	1	0	0	0	1	0
163	1	0	1	0	0	0	1	1
164	1	0	1	0	0	1	0	0
165	1	0	1	0	0	1	0	1
166	1	0	1	0	0	1	1	0
167	1	0	1	0	0	1	1	1
168	1	0	1	0	1	0	0	0
169	1	0	1	0	1	0	0	1
170	1	0	1	0	1	0	1	0
171	1	0	1	0	1	0	1	1
172	1	0	1	0	1	1	0	0
173	1	0	1	0	1	1	0	1
174	1	0	1	0	1	1	1	0
175	1	0	1	0	1	1	1	1
176	1	0	1	1	0	0	0	0
177	1	0	1	1	0	0	0	1
178	1	0	1	1	0	0	1	0
179	1	0	1	1	0	0	1	1
180	1	0	1	1	0	1	0	0
181	1	0	1	1	0	1	0	1
182	1	0	1	1	0	1	1	0

DATA	ACMS	VOL	H/PHO	DVD	SAV	WOOFER	VGA	Q30
183	1	0	1	1	0	1	1	1
184	1	0	1	1	1	0	0	0
185	1	0	1	1	1	0	0	1
186	1	0	1	1	1	0	1	0
187	1	0	1	1	1	0	1	1
188	1	0	1	1	1	1	0	0
189	1	0	1	1	1	1	0	1
190	1	0	1	1	1	1	1	0
191	1	0	1	1	1	1	1	1
192	1	1	0	0	0	0	0	0
193	1	1	0	0	0	0	0	1
194	1	1	0	0	0	0	1	0
195	1	1	0	0	0	0	1	1
196	1	1	0	0	0	1	0	0
197	1	1	0	0	0	1	0	1
198	1	1	0	0	0	1	1	0
199	1	1	0	0	0	1	1	1
200	1	1	0	0	1	0	0	0
201	1	1	0	0	1	0	0	1
202	1	1	0	0	1	0	1	0
203	1	1	0	0	1	0	1	1
204	1	1	0	0	1	1	0	0
205	1	1	0	0	1	1	0	1
206	1	1	0	0	1	1	1	0
207	1	1	0	0	1	1	1	1
208	1	1	0	1	0	0	0	0
209	1	1	0	1	0	0	0	1
210	1	1	0	1	0	0	1	0
211	1	1	0	1	0	0	1	1
212	1	1	0	1	0	1	0	0
213	1	1	0	1	0	1	0	1
214	1	1	0	1	0	1	1	0
215	1	1	0	1	1	1	1	1
216	1	1	0	1	1	0	0	0
217	1	1	0	1	1	0	0	1
218	1	1	0	1	1	0	1	0
219	1	1	0	1	1	0	1	1
220	1	1	0	1	1	1	0	0
221	1	1	0	1	1	1	0	1
222	1	1	0	1	1	1	1	0
223	1	1	1	0	0	1	1	1
224	1	1	1	0	0	0	0	0
225	1	1	1	0	0	0	0	1
226	1	1	1	0	0	0	1	0
227	1	1	1	0	0	0	1	1
228	1	1	1	0	0	1	0	0
229	1	1	1	0	0	1	0	1
230	1	1	1	0	0	1	1	0
231	1	1	1	0	0	1	1	1
232	1	1	1	0	1	0	0	0
233	1	1	1	0	1	0	0	1
234	1	1	1	0	1	0	1	0
235	1	1	1	0	1	0	1	1
236	1	1	1	0	1	1	0	0
237	1	1	1	0	1	1	0	1
238	1	1	1	0	1	1	1	0
239	1	1	1	0	1	1	1	1
240	1	1	1	1	0	0	0	0
241	1	1	1	1	0	0	0	1
242	1	1	1	1	0	0	1	0
243	1	1	1	1	0	0	1	1
244	1	1	1	1	0	1	0	0
245	1	1	1	1	0	1	0	1
246	1	1	1	1	0	1	1	0
247	1	1	1	1	0	1	1	1
248	1	1	1	1	1	0	0	0
249	1	1	1	1	1	0	0	1
250	1	1	1	1	1	0	1	0
251	1	1	1	1	1	0	1	1
252	1	1	1	1	1	1	0	0
253	1	1	1	1	1	1	0	1
254	1	1	1	1	1	1	1	0
255	1	1	1	1	1	1	1	1

Table 5. OPTION 3 Function

Option	Code	Function	Remark
WIDE	0	4:3 TV	
	1	16:9 TV	
EU	0	NON EU	
	1	EU	
CH+AU	0	Without D/K CHINA or BB	
	1	With D/K CHINA or BB	

Table 6. OPTION 3 CODE Data

DATA	WIDE	EU	CH+AU
0	0	0	0
32	0	0	1
64	0	1	0
96	0	1	1
128	1	0	0
160	1	0	1
192	1	1	0
224	1	1	1

Table 7. OPTION 4 Funtion

OPTION	CODE	Language	Funciton
LANG	0	E Only	English
	1	English+EU 4	English/German/French/Italian/Spanish
	2	English+Other EU	English/Dutch/Swedish/Norwegian/Danish/Swiss/Portuguess/Romanian/Polish/Hungarian/Czech/Russian
	3	English+FARSI	English/Farsi
	4	English+Arab+URDU	English/French/Arab+Urdu
	5	English+India	English/Swedish/Norwegian/Danish/Finish
	6	English+East-South Asia	English/Indonesian/Malaysian/Vietnamese
	7	English+THAI	English/Thai
	8	English+China	English/China
T LAN	0	West Europe	English/French/Swedish/Czech/German/Spanish/Itallian
	1	East Europe	Polish/Fench/Swedish/Czech/German/Slovenian/Italian/Romanian
	2	Turkey	English/French/Swedish/Turkish/German/Spanish/Itallian
	3	Czecho/Hungary	English/Hungarian/Serbian/Czech/German/Polish/Spanish/Itallian/Romanian
	4	Cyrillic 1	
	5	Cyrillic 2	
	6	Cyrillic 3	
	7	Turkey/Greek 1	
	8	Turkey/Greek 2	
	9	Turkey/Greek 3	
	10	Arab/France	
	11	Arab/English	
	12	Arab/Hebrew 1	
	13	Arab/Hebrew 2	
	14	Farsi/English	
	15	Farsi/France	
	16	Farsi all	

Table 8. OPTION 4 Code Data

DATA	LANG	TLAN
000	0	0
001	0	1
002	0	2
003	0	3
004	0	4
005	0	5
006	0	6
007	0	7
008	0	8
009	0	9
010	0	10
011	0	11
012	0	12
013	0	13
014	0	14
015	0	15
016	0	16
100	1	0
101	1	1
102	1	2
103	1	3
104	1	4
105	1	5
106	1	6
107	1	7
108	1	8
109	1	9
110	1	10
111	1	11
112	1	12
113	1	13
114	1	14
115	1	15
116	1	16
200	2	0
201	2	1
202	2	2

DATA	LANG	TLAN
203	2	3
204	2	4
205	2	5
206	2	6
207	2	7
208	2	8
209	2	9
210	2	10
211	2	11
212	2	12
213	2	13
214	2	14
215	2	15
216	2	16
300	3	0
301	3	1
302	3	2
303	3	3
304	3	4
305	3	5
306	3	6
307	3	7
308	3	8
309	3	9
310	3	10
311	3	11
312	3	12
313	3	13
314	3	14
315	3	15
316	3	16
400	4	0
401	4	1
402	4	2
403	4	3
404	4	4
405	4	5

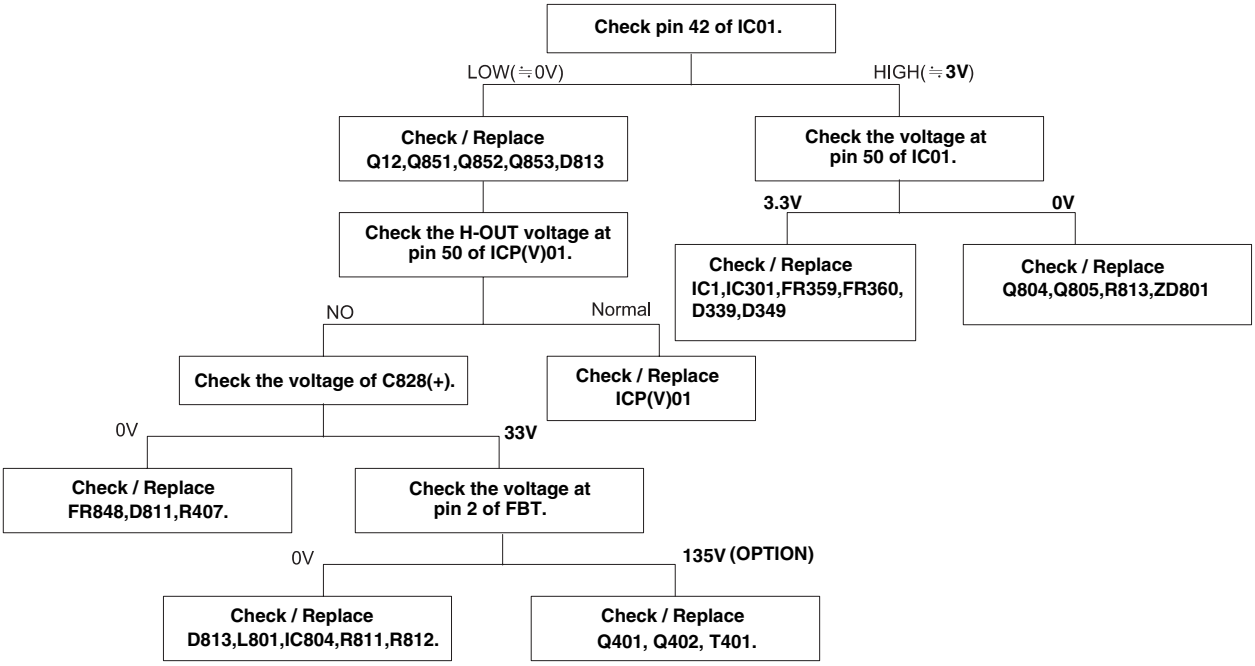
DATA	LANG	TLAN
406	4	6
407	4	7
408	4	8
409	4	9
410	4	10
411	4	11
412	4	12
413	4	13
414	4	14
415	4	15
416	4	16
500	5	0
501	5	1
502	5	2
503	5	3
504	5	4
505	5	5
506	5	6
507	5	7
508	5	8
509	5	9
510	5	10
511	5	11
512	5	12
513	5	13
514	5	14
515	5	15
516	5	16
600	6	0
601	6	1
602	6	2
603	6	3
604	6	4
605	6	5
606	6	6
607	6	7
608	6	8

DATA	LANG	TLAN
609	6	9
610	6	10
611	6	11
612	6	12
613	6	13
614	6	14
615	6	15
616	6	16
700	7	0
701	7	1
702	7	2
703	7	3
704	7	4
705	7	5
706	7	6
707	7	7
708	7	8
709	7	9
710	7	10
711	7	11
712	7	12
713	7	13
714	7	14
715	7	15
716	7	16
800	8	0
801	8	1
802	8	2
803	8	3
804	8	4
805	8	5
806	8	6
807	8	7
808	8	8
809	8	9
810	8	10
811	8	11

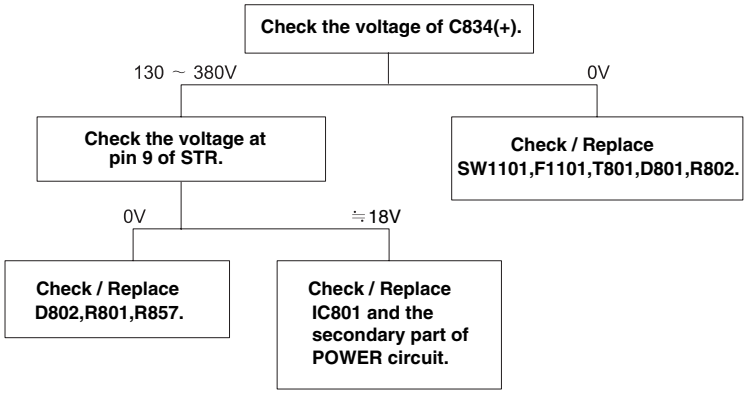
DATA	LANG	TLAN
812	8	12
813	8	13
814	8	14
815	8	15
816	8	16

Trouble Shooting

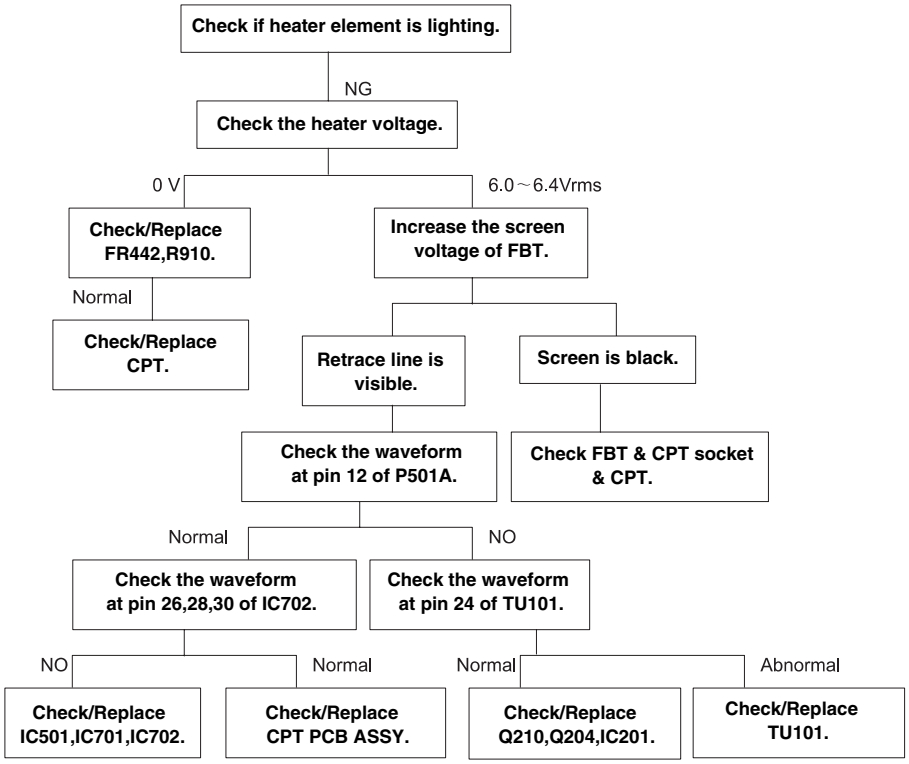
NO POWER ON BUT SMPS WORKING



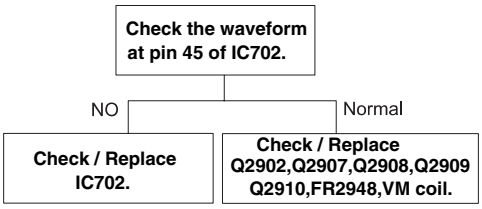
NO POWER (NOT WORKING SMPS)



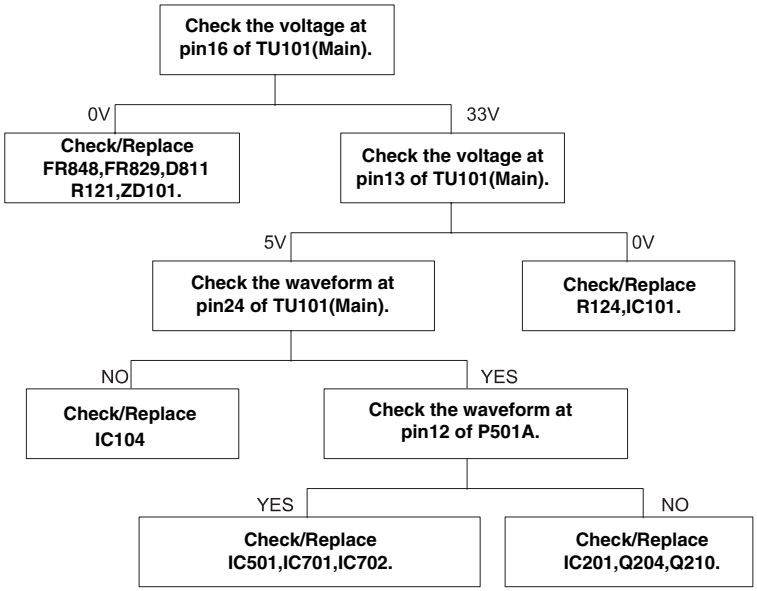
NO RASTER & PICTURE (H-OUT OK)



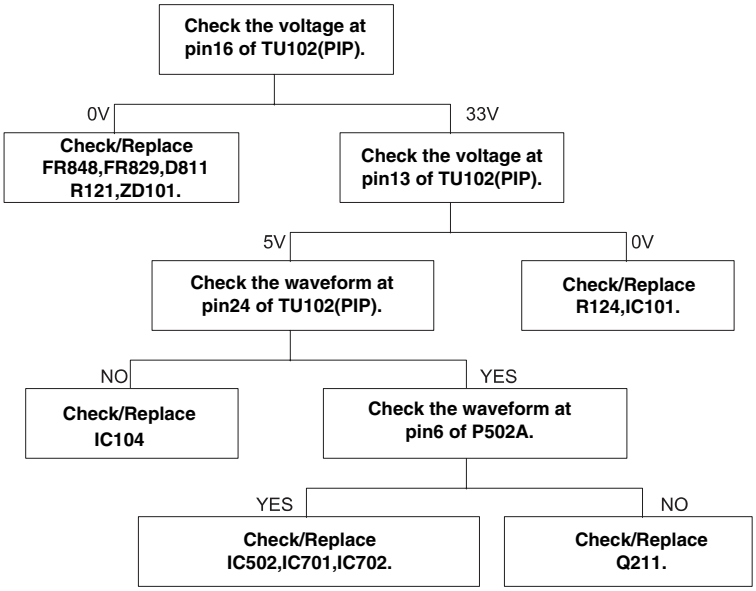
VM DON'T WORKING



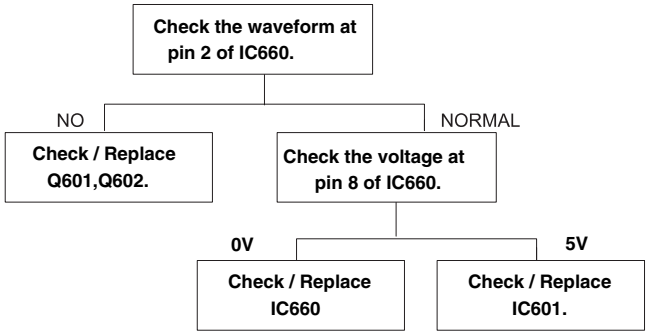
DON'T CATCH CHANNEL(MAIN)



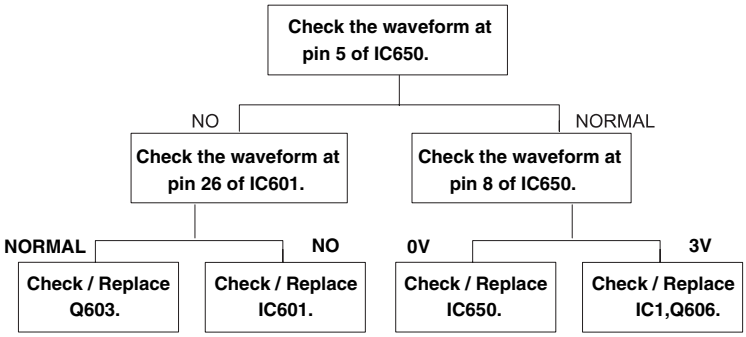
NO PIP / NO DOUBLE WINDOW



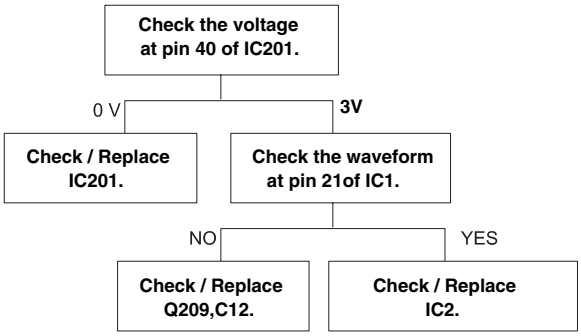
NO CENTER SPEAKER SOUND (BUT MAIN SOUND OK)



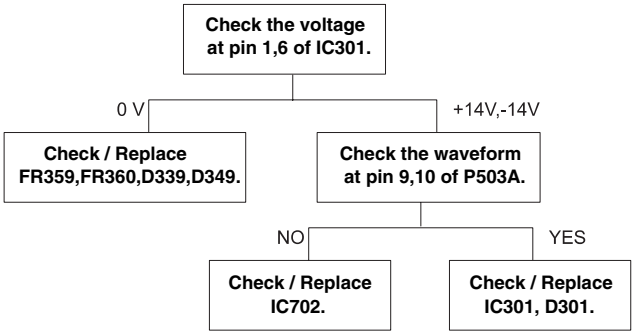
NO WOOFER SPEAKER SOUND (BUT MAIN SOUND OK)



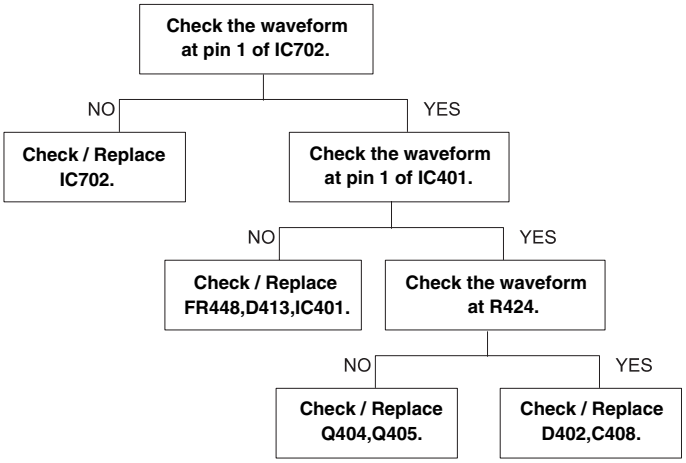
NO TELETEXT



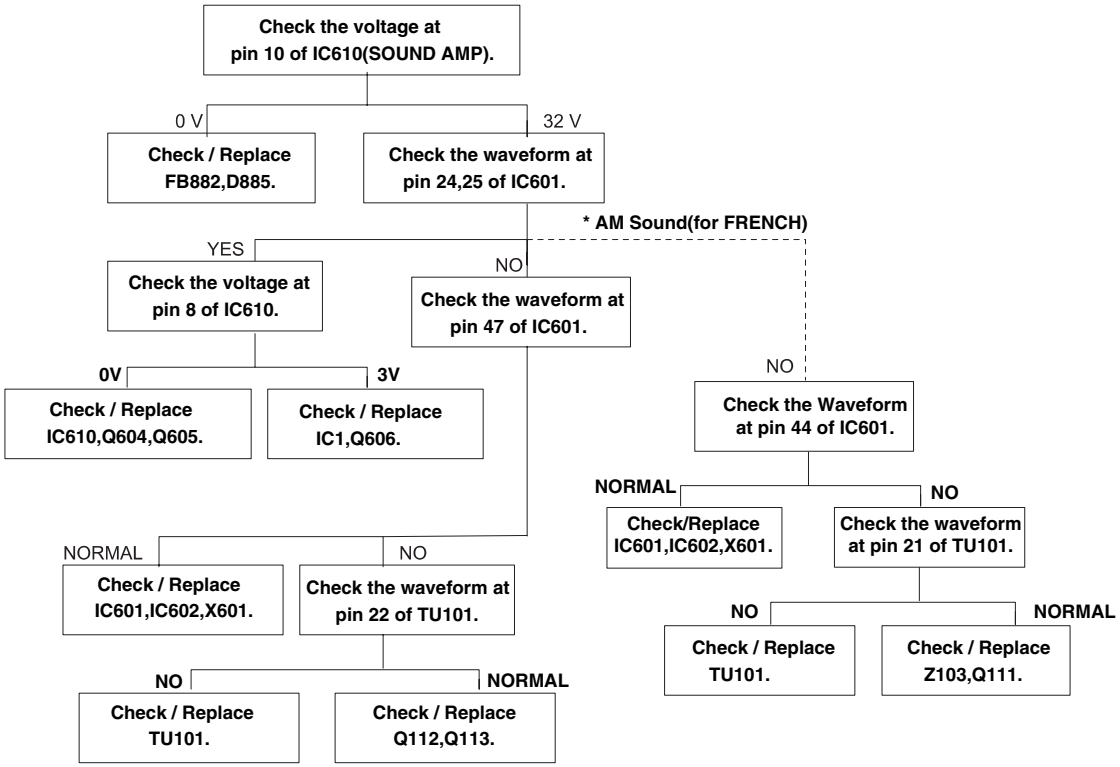
NO VERTICAL DEFLECTION



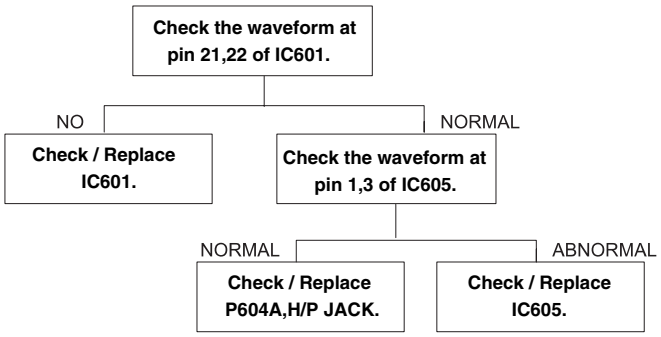
BARREL DISTORTION



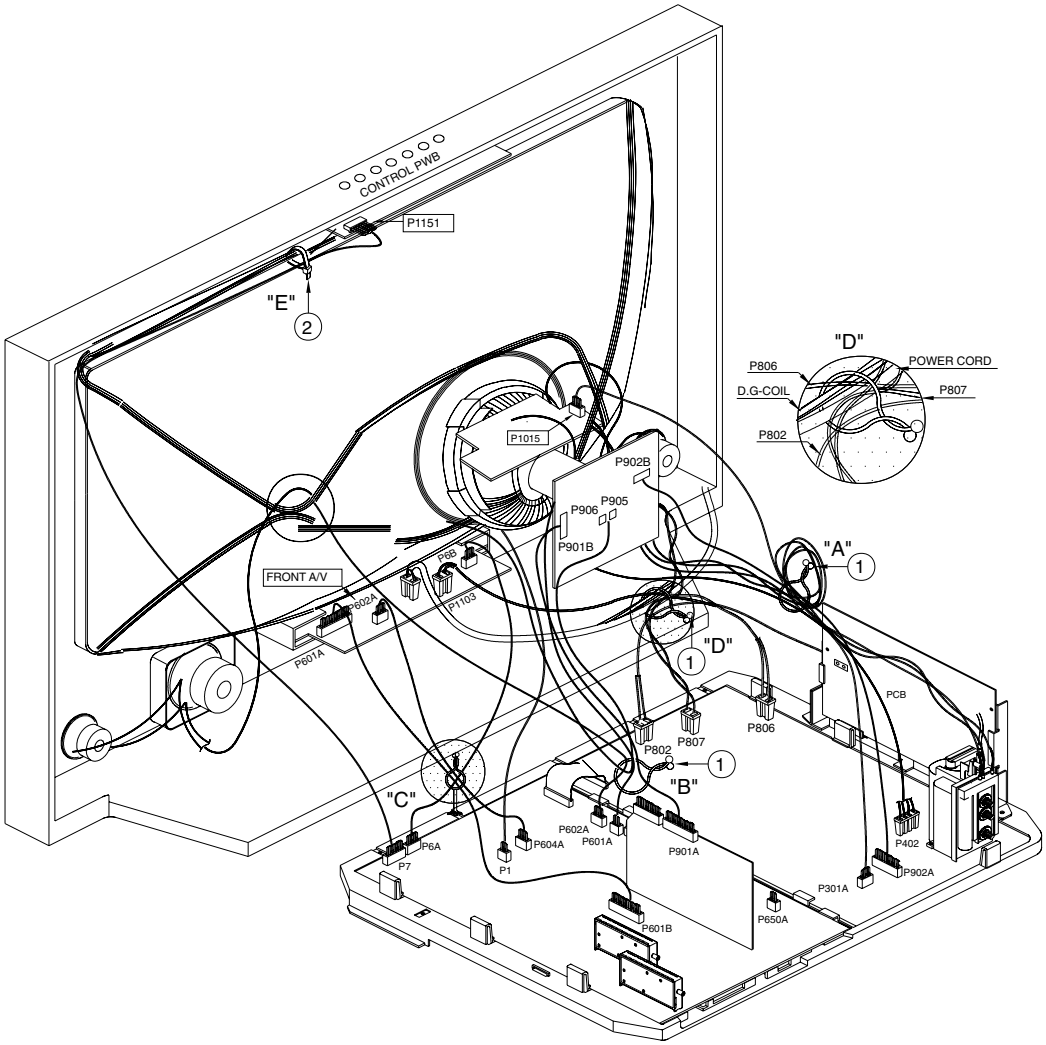
NO FRONT L,R SPEAKER SOUND(PICTURE OK)



NO SOUND FROM H/P jack(OPTION) (but Main Sound OK)



Wiring Diagram



"A" : FOCUS, SCREEN LEAD+DY LEAD
+P301A+P902A.

"B" : P901A+P601A/P602A(SP LEAD)
+CPT EARTH LEAD(2).

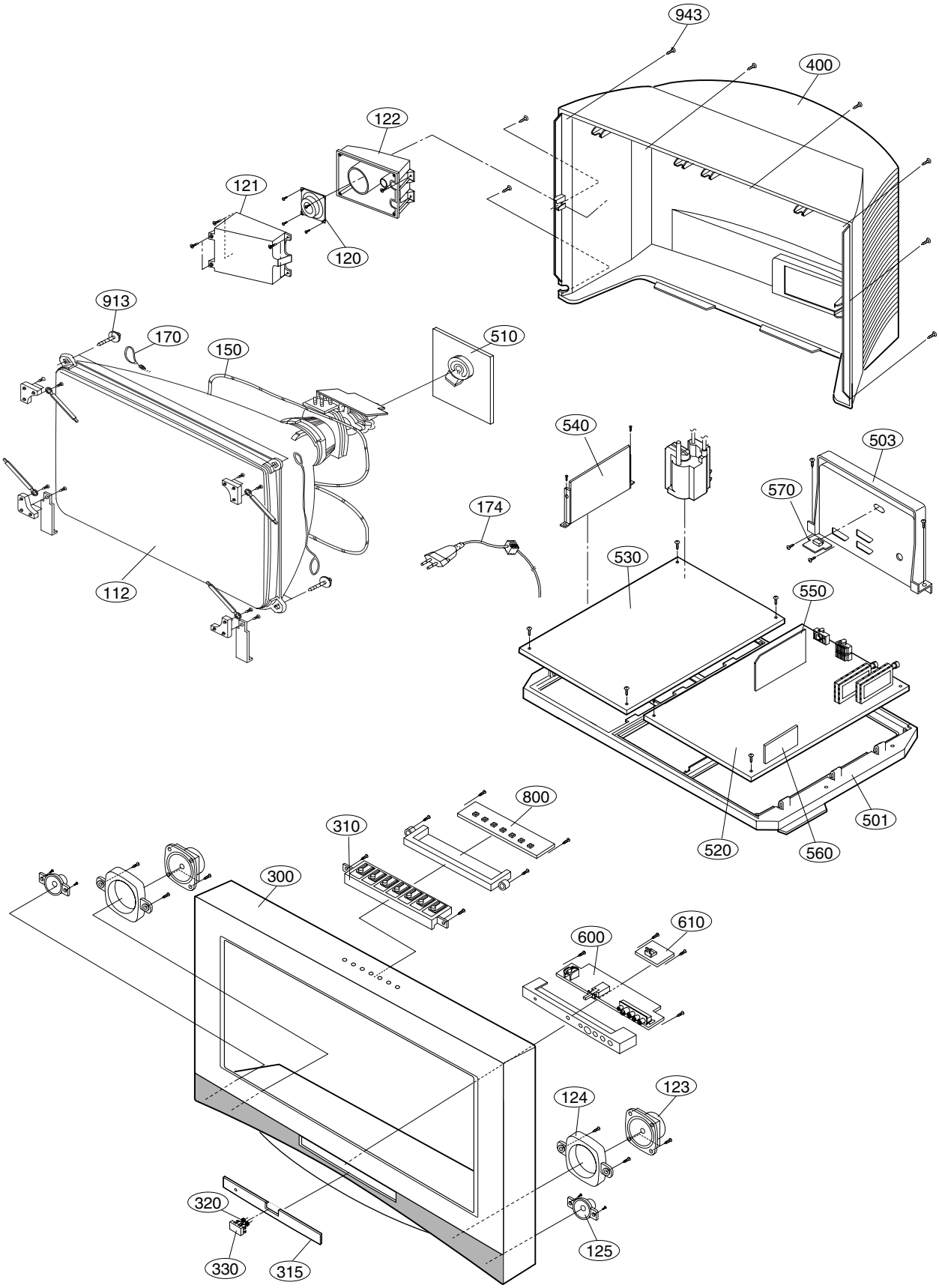
"C" : P6A+P601B+P604A.

"D" : P802+P806+P807+D.G-COIL
+POWER CORD.

"E" : P1151+D.G-COIL.

LEAD TWISTER HOLDER.	3
CABLE TIES BAND.	1

EXPLODED VIEW



EXPLODED VIEW PARTS LIST

The components identified by mark ⚠ is critical for safety.
Replace only with part number specified.

LOCA. NO	PART NO	DESCRIPTIONS
⚠ 112	2440GE489BE	WVT SET,W76QDD259X V8S7ND
	2440VCG0001	WVT SET
120	120-D18C	SPEAKER,WOOFER 8 OHM 20/3
121	3110V00109A	CASE,WOOFER SPK
122	3550V00136A	COVER,WOOFER SPK
123	6400VA0031A	SPEAKER,GENERAL 8 OHM 10/15
124	4810V00307A	BRACKET,SPEAKER
125	6400VG0002A	SPEAKER,TWEETER 8 OHM 10
⚠ 150	150-201F	COIL,DEGAUSSING
⚠ 170	170-797X	CPT EARTH 32” 144T 2LUG 1P*2 .
300	3091V00312G	CABINET ASSY
	3091V00312M	CABINET ASSY #76
310	5020V00463A	BUTTON,CONTROL 7KEY
315	3581V00032C	DOOR ASSY,MAIN
320	320-075B	SPRING,KNOB
330	441-464A	BUTTON,POWER
400	3809V00231H	BACK COVER ASSY
	3809V00231L	BACK COVER ASSY #76
501	4810V00259G	BRACKET,MAIN 32Q82 407AF(V2)
503	4810V00368C	BRACKET,REAR A/V 2PHONE SPRAY#131/132
	4810V00368E	BRACKET,REAR A/V 2PHONE # 76
510	6871VSM694C	PWB ASSY,CPT&VM,LG32”
520	6871VMM637K	PWB ASSY,MAIN 006A WT32Q80(PH+PH)
530	6871VDM113F	PWB ASSY,MAIN2 006A LG32”,W/0 ST-BY
540	6871VSM726A	PWB ASSY,WIDE RANGE
550	6871VSM617A	PWB ASSY,DIGIT MC006A 100HZ BOD.
560	6871VSM694B	PWB ASSY,006A(32”) MEMORY
570	6871VSM856A	PWB ASSY,VGA(32Q80)
600	6871VSM620D	PWB ASSY,S-AV
610	6871VSM857A	PWB ASSY,PRE-AMP
800	6871VSM686B	PWB ASSY,TACT-SW
913	332-229G	SCREW,HEXAGON HEAD(L:40,D:22)
943	1PTF0403116	SCREW,TAP TITE(P) D4.0 L16.0
⚠ P801	174-219D	POWER CORD,KUKJE SAA 2200MM CUTTI
	174-322H	POWER CORD,KJP-140

The components identified by mark ⚠ are critical for safety.
Replace only with part number specified.

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION
		IC
D813	0ISK100300A	IC,SLA1003 SIP12 BK DIODE MODULE(
IC1	0ISM555000A	IC,SDA5550 MQFP100 BK MICOM TXT M
IC2	0ISS610082A	IC,K6T1008V2E-TB(F)70 [K6T1008BLT
IC3	0IZZVC0010C	IC,M27W201(006A) . ST EPROM+LABEL
IC04	0IAL241610B	IC,AT24C16-10PC-2.7 8PIN DIP ST E
IC05	0IFA752700A	IC,KA75270Z 3 TP RE-SET IC MC-007
IC6	0IFA754207A	IC,KA75420ZTA(KA7542ZTA) 3P,TO-92
IC7	0ISA164500B	IC,LB1645N 10SIP BK MOTOR DRIVE I
IC8	0ISG111725B	IC,LD1117V25 3 SIP ST REGULATOR M
IC9	0ISG111733B	IC,LD1117V33C 3SIP ST REGULATOR
IC101	0IKE780500Q	IC,KIA7805API 3P TO-220 ST REGULA
IC104	0IMI623200B	IC,M62320FP,I/O EXPANDER 16P SOP
IC201	0ISO208900A	IC,CXA2089Q 48QFP BK A/V SWITCH
IC301	0ISA784500A	IC,LA7845 7SIP V/OUT(1.5A)
IC401	0IKE455800E	IC,KIA4558 8DIP DUAL OP AMP
IC501	0IIT323000C	IC,VPC3230D-QA-B3 80P PQFP BK COM
IC502	0IIT323000C	IC,VPC3230D-QA-B3 80P PQFP BK COM
IC504	0ISH323422A	IC,PQ3RF23 4P(TO-220) 3.3V REGUL
IC601	0IIT341120A	IC,MSP3411G-PO-A2 52DIP ST SOUND
IC602	0IKE780800B	IC,KIA78L08BP(TA) TO-92 8V,150MA
IC605	0ISG282200A	IC,TDA2822M 8D DUAL AUDIO AMP(1W)
IC610	0ISA428200A	IC,LA4282 12S 2CHX10W AUDIO AMP
IC650	0ISA428200A	IC,LA4282 12S 2CHX10W AUDIO AMP
IC701	0ISM941000A	IC,SDA9410 100QFP BK SCAN CONVERT
IC702	0ISO210000A	IC,CXA2100AQ 64P QFP BK DEFLECTIO
IC703	0IKE780900M	IC,KIA7809API TO220 ST 3P 9V REGU
IC704	0IMCRFA012A	IC,DM74LS157MX
IC801	0ISK670900A	IC,STR/S6709 9S SMPS-CNTR
⚠ IC802	0ILI817000G	IC,LTV817M-VB 4P,DIP BK PHOTO COU
IC803	0IKE780500D	IC,KIA7805P(KIA78005AP),KEC
IC804	0ISK130000A	IC,SE130N 3P 130V ERROR AMP - - -
IC831	0ISH052100C	IC,PQ05RD21 4SIP ST REGULATOR
IC832	0ISH122100B	IC,PQ12RD21 4P(TO-220) 12V S/W RE
IC833	0IKE780900M	IC,KIA7809API TO220 ST 3P 9V REGU
IC881	0ILI817000G	IC,LTV817M-VB 4P,DIP BK PHOTO COU
IC882	0ISK670713B	IC,STR-F6707A 5P SIP BK STR (LF13
IC883	0ISK024000A	IC,SE024N 3P TO-220 BK ERROR AMP
IC901	0IPH611190A	IC,TDA6111Q 9SIP RGB AMP
IC902	0IPH611190A	IC,TDA6111Q 9SIP RGB AMP
IC903	0IPH611190A	IC,TDA6111Q 9SIP RGB AMP
IC1251	0IRH707800A	IC,BA7078S 18P,SDIP BK SYNC DISCR
Q109	0IFA270000A	IC,2N7000TA TO-92, 3P TP LEVEL SH
Q110	0IFA270000A	IC,2N7000TA TO-92, 3P TP LEVEL SH
Q114	0IFA270000A	IC,2N7000TA TO-92, 3P TP LEVEL SH
Q115	0IFA270000A	IC,2N7000TA TO-92, 3P TP LEVEL SH
		DIODE
D6	0DS113379BA	DIODE,SWITCHING 1SS133 T-72 TP
D7	0DS113379BA	DIODE,SWITCHING 1SS133 T-72 TP
D8	0DS113379BA	DIODE,SWITCHING 1SS133 T-72 TP
D101	0DS113379BA	DIODE,SWITCHING 1SS133 T-72 TP

LOCA. NO	PART NO	DESCRIPTION
D301	0DD150009CA	DIODE,RECTIFIER RGP15J,TP(52MM),GI
D308	0DD100009AQ	DIODE,RP1HV(1) TP SANKEN TP SANKEN
D339	0DD200009AF	DIODE,RECTIFIER RU2M V(1) TP SANKEN
D349	0DD200009AF	DIODE,RECTIFIER RU2M V(1) TP SANKEN
D402	0DD300000AD	DIODE,RECTIFIER FMS-3FU SANKEN
D410	0DD150009CA	DIODE,RECTIFIER RGP15J,TP(52MM),GI
D411	0DD060009AC	DIODE,TVR06J 0.6A/600V 250NS TP G.I
D413	0DD150009CC	DIODE,RECTIFIER RGP15G,TP(52MM),GI
D414	0DD100009AE	DIODE,RECTIFIER RU1A V(1) TP SANKEN
D425	0DS113379BA	DIODE,SWITCHING 1SS133 T-72 TP ROHM
D601	0DS113379BA	DIODE,SWITCHING 1SS133 T-72 TP ROHM
D603	0DS113379BA	DIODE,SWITCHING 1SS133 T-72 TP ROHM
D604	0DS113379BA	DIODE,SWITCHING 1SS133 T-72 TP ROHM
D606	0DS113379BA	DIODE,SWITCHING 1SS133 T-72 TP ROHM
D607	0DD226239AA	DIODE,SWITCHING CHIP KDS226 SOT-23
D608	0DD226239AA	DIODE,SWITCHING CHIP KDS226 SOT-23
D609	0DD226239AA	DIODE,SWITCHING CHIP KDS226 SOT-23
D610	0DD226239AA	DIODE,SWITCHING CHIP KDS226 SOT-23
D650	0DS113379BA	DIODE,SWITCHING 1SS133 T-72 TP ROHM
D701	0DD184009AA	DIODE,SWITCHING KDS184S CHIP 85V 300MA
D702	0DD226239AA	DIODE,SWITCHING CHIP KDS226 SOT-23
D703	0DD226239AA	DIODE,SWITCHING CHIP KDS226 SOT-23
D704	0DD184009AA	DIODE,SWITCHING KDS184S CHIP 85V 300MA
D705	0DD414809ED	DIODE,1N4148 TA
D706	0DD414809ED	DIODE,1N4148 TA
D709	0DD226239AA	DIODE,SWITCHING CHIP KDS226 SOT-23
D710	0DD226239AA	DIODE,SWITCHING CHIP KDS226 SOT-23
D711	0DD226239AA	DIODE,SWITCHING CHIP KDS226 SOT-23
D712	0DD414809ED	DIODE,1N4148 TA
D713	0DD414809ED	DIODE,1N4148 TA
D801	0DD560000AA	DIODE,RECTIFIER D5SB60 BRIDGE(5A/600V)
D803	0DD100009AM	DIODE,RECTIFIER EU1ZV(1) TP SANKEN
D805	0DD060009AC	DIODE,TVR06J 0.6A/600V 250NS TP G.I
D806	0DD100009AM	DIODE,RECTIFIER EU1ZV(1) TP SANKEN
D807	0DD100009AM	DIODE,RECTIFIER EU1ZV(1) TP SANKEN
D808	0DD100009AL	DIODE,EH-1ZV(1)
D809	0DD414809ED	DIODE,1N4148 TA
D811	0DD060009AC	DIODE,TVR06J 0.6A/600V 250NS TP G.I
D850	0DD060009AC	DIODE,TVR06J 0.6A/600V 250NS TP G.I
D851	0DD060009AC	DIODE,TVR06J 0.6A/600V 250NS TP G.I
D880	0DR010009AA	DIODE,RECTIFIER EG01C 1000V 0.5A
D881	0DD100009AM	DIODE,RECTIFIER EU1ZV(1) TP SANKEN
D882	0DD100009AM	DIODE,RECTIFIER EU1ZV(1) TP SANKEN
D883	0DD414809ED	DIODE,1N4148 TA
D884	0DD300009AC	DIODE,RECTIFIER RU3AMV(1) TP SANKEN
D885	0DD420000BB	DIODE,D4L20U SHINDENGEN
D886	0DD414809ED	DIODE,1N4148 TA
D900	0DR060009AA	DIODE,RECTIFIER TVR06J TP
D901	0DR060009AA	DIODE,RECTIFIER TVR06J TP
D902	0DR060009AA	DIODE,RECTIFIER TVR06J TP
D903	0DR060009AA	DIODE,RECTIFIER TVR06J TP
D904	0DR060009AA	DIODE,RECTIFIER TVR06J TP
D908	0DR060009AA	DIODE,RECTIFIER TVR06J TP

For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows;

CC, CX, CK, CN : Ceramic
CQ : Polyestor
CE : Electrolytic

RD : Carbon Film
RS : Metal Oxide Film
RN : Metal Film
RF : Fusible

The components identified by mark ⚠ are critical for safety.
Replace only with part number specified.

LOCA. NO	PART NO	DESCRIPTION
D909	0DR060009AA	DIODE,RECTIFIER TVR06J TP
D910	0DR140059AC	DIODE,RECTIFIER 1N4005GP TP
D2901	0DS113379BA	DIODE,SWITCHING 1SS133 T-72 TP ROHM
D2902	0DS113379BA	DIODE,SWITCHING 1SS133 T-72 TP ROHM
D2903	0DS113379BA	DIODE,SWITCHING 1SS133 T-72 TP ROHM
D2906	0DS113379BA	DIODE,SWITCHING 1SS133 T-72 TP ROHM
D2907	0DS113379BA	DIODE,SWITCHING 1SS133 T-72 TP ROHM
D2909	0DD150009CA	DIODE,RECTIFIER RGP15J,TP(52MM),GI
D2910	0DD150009CA	DIODE,RECTIFIER RGP15J,TP(52MM),GI
D2911	0DS113379BA	DIODE,SWITCHING 1SS133 T-72 TP ROHM
DB880	0DD260000BB	DIODE,RECTIFIER BRIDGE D2SBA60(STK)
LD1301	4930V00177A	HOLDER LED ASSY(3P)
ZD101	0DZ330009BA	DIODE,ZENER HZT33(TP) HITACHI
ZD102	0DZ330009BA	DIODE,ZENER HZT33(TP) HITACHI
ZD350	0DZ240009CG	DIODE,ZENER MTZJ24B TP ROHM-K DO34
ZD351	0DZ750009AG	DIODE,ZENER MTZJ7.5B TP ROHM-K DO34
ZD403	0DZ910009AJ	DIODE,ZENER MTZJ9.1B TP ROHM-K DO34
ZD801	0DZ510009DB	DIODE,ZENER MTZJ5.1B TP ROHM-K DO34
ZD804	0DZ750009AG	DIODE,ZENER MTZJ7.5B TP ROHM-K DO34
ZD850	0DZ910009AJ	DIODE,ZENER MTZJ9.1B TP ROHM-K DO34
ZD901	0DZ910009AJ	DIODE,ZENER MTZJ9.1B TP ROHM-K DO34
ZD930	0DZ120009AF	DIODE,ZENER MTZJ12B TP ROHM-K DO34
ZD1201	0DZ620009BB	DIODE,ZENER MTZJ6.2B TP ROHM-K DO34
ZD1202	0DZ620009BB	DIODE,ZENER MTZJ6.2B TP ROHM-K DO34
ZD1251	0DZ510009DB	DIODE,ZENER MTZJ5.1B TP ROHM-K DO34
ZD1252	0DZ510009DB	DIODE,ZENER MTZJ5.1B TP ROHM-K DO34
TRANSISTOR		
Q6	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q7	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q8	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q9	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q10	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q11	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q12	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q13	0TR102009AG	TR,CHIP KRC102S SOT-23 TP KEC
Q14	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q15	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q16	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q17	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q101	0TR127009AA	TR,KTA1270-TP-Y (KTA562TM)KEC
Q102	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q112	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q113	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q201	0TR198009BA	TR,2SA1980Y
Q202	0TR198009BA	TR,2SA1980Y
Q203	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q204	0TR534309AA	TR,2SC5343Y
Q205	0TR534309AA	TR,2SC5343Y
Q206	0TR534309AA	TR,2SC5343Y
Q207	0TR534309AA	TR,2SC5343Y
Q208	0TR534309AA	TR,2SC5343Y

LOCA. NO	PART NO	DESCRIPTION
Q209	0TR534309AA	TR,2SC5343Y
Q210	0TR319809AA	TR,KTC3198 TP KEC - - -Y (KTC1815
Q211	0TR319809AA	TR,KTC3198 TP KEC - - -Y (KTC1815
Q212	0TR198009BA	TR,2SA1980Y
Q308	0TR534309AA	TR,2SC5343Y
Q401	0TF200000AA	TR,IRFIBC20G BK I.R 600V - -
Q402	0TR544600AA	TR,2SC5446(AS) BK TOSHIBA TO3P 17
Q404	0TR127509AC	TR,KTA1275-Y TP(KTA1013),KEC
Q405	0TR205900AB	TR,KTD2059-Y TO-220IS KEC
Q501	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q503	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q603	0TR198009BA	TR,2SA1980Y
Q604	0TR198009BA	TR,2SA1980Y
Q605	0TR198009BA	TR,2SA1980Y
Q606	0TR198009BA	TR,2SA1980Y
Q607	0TR102009AG	TR,CHIP KRC102S SOT-23 TP KEC
Q701	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q702	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q703	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q704	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q705	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q706	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q707	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q708	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q709	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q710	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q711	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q713	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q714	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q715	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q801	0TR385200AA	TR,2SC3852A SANKEN
Q802	0TR322709AA	TR,KTC3227-Y,TP(KTC1627A),KEC
Q803	0TR319809AA	TR,KTC3198 TP KEC - - -Y (KTC1815
Q804	0TR968000AA	TR,KTA968A-Y KEC
Q805	0TR319809AA	TR,KTC3198 TP KEC - - -Y (KTC1815
Q851	0TR968000AA	TR,KTA968A-Y KEC
Q852	0TR322800AB	TR,KTC3228-Y(KTC2383),KEC
Q853	0TR534309AA	TR,2SC5343Y
Q881	0TR534309AA	TR,2SC5343Y
Q882	0TR322709AA	TR,KTC3227-Y,TP(KTC1627A),KEC
Q900	0TR127109AA	TR,KTA1271-TP-Y (KTA950)KEC
Q1301	0TR534309AA	TR,2SC5343Y
Q1302	0TR534309AA	TR,2SC5343Y
Q1303	0TR534309AA	TR,2SC5343Y
Q2902	0TR534309AA	TR,2SC5343Y
Q2907	0TR198009BA	TR,2SA1980Y
Q2908	0TR534309AA	TR,2SC5343Y
Q2909	0TR534309AA	TR,2SC5343Y
Q2910	0TR437000BA	TR,KTC4370A-Y TO-220IS KEC
CAPACITOR		
C01	0CN1030F679	10000P 16V M Y TA52

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LOCA. NO	PART NO	DESCRIPTION
C02	0CE476DF618	47UF STD 16V M FL TP5
C4	0CE476DD618	47UF STD 10V 20% FL TP 5
C6	0CE107DD618	100UF STD 10V M FL TP5
C8	0CE476DD618	47UF STD 10V 20% FL TP 5
C9	0CN1030F679	10000P 16V M Y TA52
C10	0CE476DD618	47UF STD 10V 20% FL TP 5
C11	0CE476DD618	47UF STD 10V 20% FL TP 5
C12	181-007C	MPE ECQ-V1H104JL3(TR), 50V 0.1
C14	0CE107DD618	100UF STD 10V M FL TP5
C16	0CE476DD618	47UF STD 10V 20% FL TP 5
C17	0CE107DD618	100UF STD 10V M FL TP5
C24	0CE476DD618	47UF STD 10V 20% FL TP 5
C25	0CE106DF618	10UF STD 16V M FL TP5
C27	0CQ6831N409	0.068UF 100V K POLY
C30	0CE226DF618	22UF STD 16V M FL TP5
C32	0CQ1031N509	0.01U 100V K POLY TP
C33	0CQ1031N509	0.01U 100V K POLY TP
C34	0CE227DH618	220UF STD 25V M FL TP5
C37	0CE107DD618	100UF STD 10V M FL TP5
C38	0CE107DD618	100UF STD 10V M FL TP5
C118	0CE475DK618	4.7UF STD 50V 20% FL TP 5
C119	0CE475DK618	4.7UF STD 50V 20% FL TP 5
C120	0CE477DF618	470UF STD 16V 20% FL TP 5
C124	0CE106DF618	10UF STD 16V M FL TP5
C125	0CE106DF618	10UF STD 16V M FL TP5
C131	0CE476DF618	47UF STD 16V M FL TP5
C132	0CE476DD618	47UF STD 10V 20% FL TP 5
C133	0CE476DD618	47UF STD 10V 20% FL TP 5
C134	0CE106DK618	10UF STD 50V M FL TP5
C135	0CE106DK618	10UF STD 50V M FL TP5
C136	0CE477DF618	470UF STD 16V 20% FL TP 5
C137	0CE227DF618	220UF STD 16V M FL TP5
C150	0CE477DD618	470UF STD 10V M FL TP5
C151	0CE477DF618	470UF STD 16V 20% FL TP 5
C152	0CE477DF618	470UF STD 16V 20% FL TP 5
C153	0CE476DD618	47UF STD 10V 20% FL TP 5
C207	0CN4710K519	470P 50V K B TA52
C229	0CE476DF618	47UF STD 16V M FL TP5
C230	0CE227DF618	220UF STD 16V M FL TP5
C231	0CE225DK618	2.2UF STD 50V 20% FL TP 5
C232	0CE225DK618	2.2UF STD 50V 20% FL TP 5
C233	0CE105DK618	1UF STD 50V M FL TP5
C234	0CE105DK618	1UF STD 50V M FL TP5
C235	0CE105DK618	1UF STD 50V M FL TP5
C236	0CE105DK618	1UF STD 50V M FL TP5
C237	0CE225DK618	2.2UF STD 50V 20% FL TP 5
C238	0CE225DK618	2.2UF STD 50V 20% FL TP 5
C239	0CE225DK618	2.2UF STD 50V 20% FL TP 5
C240	0CE225DK618	2.2UF STD 50V 20% FL TP 5
C241	0CE105DK618	1UF STD 50V M FL TP5
C242	0CE475DK618	4.7UF STD 50V 20% FL TP 5
C243	0CE105DK618	1UF STD 50V M FL TP5

LOCA. NO	PART NO	DESCRIPTION
C244	181-064P	10UF 0 16V K
C245	0CE225DK618	2.2UF STD 50V 20% FL TP 5
C246	181-064P	10UF 0 16V K
C247	0CE227DF618	220UF STD 16V M FL TP5
C249	0CN4710K519	470P 50V K B TA52
C266	0CE226DF618	22UF STD 16V M FL TP5
C267	0CE107DF618	100UF STD 16V M FL TP5
C268	0CE225DK618	2.2UF STD 50V 20% FL TP 5
C269	0CE106DF618	10UF STD 16V M FL TP5
C270	0CE106DF618	10UF STD 16V M FL TP5
C303	0CE477DH618	470UF STD 25V M FL TP5
C305	0CE477DH618	470UF STD 25V M FL TP5
C306	0CN1030F679	10000P 16V M Y TA52
C307	0CN1030F679	10000P 16V M Y TA52
C308	0CQ3341N401	0.33U 100V J POLY F5
C310	0CE107BJ618	100UF KME 35V M FL TP5
C312	0CN1030F679	10000P 16V M Y TA52
C313	0CQ3331N509	0.033U 100V K POLY TP
C316	0CE228DJ650	2200UF STD 35V M FM7.5 BULK
C320	181-014N	MPP 1600V 0.01UF J
C324	0CQ1531N509	0.015U 100V K POLY TP
C332	0CQ1021N509	0.001U 100V K POLY TP
C333	0CN1030F679	10000P 16V M Y TA52
C338	0CE108DH618	1000UF STD 25V M FL TP5
C340	181-014F	MPP 1600V 0.0068UF J
C348	0CE108DH618	1000UF STD 25V M FL TP5
C403	0CK2210W515	220P 500V K B TS
C404	181-009V	PP 200V 0.047UF K
C405	181-011B	0.001UF D 1.6KV J M/PP NI FM20
C406	0CK10201515	1000P 1KV K B TS
C408	181-015M	MPP 1600V 0.01UF H
C409	181-010A	PP 400V 0.022UF J
C413	181-013M	MPP 400V 0.22UF J
C414	181-013U	MPP 630V 0.1UF J
C415	181-010E	PP 400V 0.12UF J
C416	0CE107DK618	100UF STD 50V M FL TP5
C417	0CK1030K945	0.01UF 50V Z F TR
C418	0CN1020K519	1000P 50V K B TA52
C419	0CN1030F679	10000P 16V M Y TA52
C422	0CE5651K652	5.6UF SM,SA 50V 20% FM7.5 BP(S
C423	0CE5651K652	5.6UF SM,SA 50V 20% FM7.5 BP(S
C426	0CQ3331N509	0.033U 100V K POLY TP
C428	0CQ1031N509	0.01U 100V K POLY TP
C430	0CK22202510	2200P 2KV K B S
C435	181-009V	PP 200V 0.047UF K
C438	0CE107DK618	100UF STD 50V M FL TP5
C446	0CK56102515	560P 2KV K B TS
C447	0CE476DR618	47UF STD 250V 20% FL TP 5
C481	181-010G	PP 400V 0.01UF K
C482	181-091G	DEHR33D471KN3A DE0907-486 R 4
C488	0CE106BR618	10UF KME 250V M FL TP5
C501	0CK224DF56A	220000PF 2012 16V 10% R/TP X7R

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LOCA. NO	PART NO	DESCRIPTION
C502	0CK224DF56A	220000PF 2012 16V 10% R/TP X7R
C503	0CK224DF56A	220000PF 2012 16V 10% R/TP X7R
C504	0CK224DF56A	220000PF 2012 16V 10% R/TP X7R
C505	0CK224DF56A	220000PF 2012 16V 10% R/TP X7R
C506	0CK224DF56A	220000PF 2012 16V 10% R/TP X7R
C507	0CK224DF56A	220000PF 2012 16V 10% R/TP X7R
C519	0CE106DF618	10UF STD 16V M FL TP5
C523	0CE106DF618	10UF STD 16V M FL TP5
C527	0CK224DF56A	220000PF 2012 16V 10% R/TP X7R
C528	0CE107DD618	100UF STD 10V M FL TP5
C529	0CK224DF56A	220000PF 2012 16V 10% R/TP X7R
C532	0CE106DF618	10UF STD 16V M FL TP5
C535	0CE106DF618	10UF STD 16V M FL TP5
C540	0CE474CK636	0.47UF SHL,SD 50V M FM5 BP(D)
C541	0CE474CK636	0.47UF SHL,SD 50V M FM5 BP(D)
C542	0CE474CK636	0.47UF SHL,SD 50V M FM5 BP(D)
C544	0CE107DD618	100UF STD 10V M FL TP5
C547	0CK224DF56A	220000PF 2012 16V 10% R/TP X7R
C548	0CK224DF56A	220000PF 2012 16V 10% R/TP X7R
C549	0CK224DF56A	220000PF 2012 16V 10% R/TP X7R
C550	0CK224DF56A	220000PF 2012 16V 10% R/TP X7R
C551	0CK224DF56A	220000PF 2012 16V 10% R/TP X7R
C552	0CK224DF56A	220000PF 2012 16V 10% R/TP X7R
C555	0CK224DF56A	220000PF 2012 16V 10% R/TP X7R
C565	0CE106DF618	10UF STD 16V M FL TP5
C569	0CE106DF618	10UF STD 16V M FL TP5
C574	0CE107DD618	100UF STD 10V M FL TP5
C575	0CK224DF56A	220000PF 2012 16V 10% R/TP X7R
C577	0CK224DF56A	220000PF 2012 16V 10% R/TP X7R
C578	0CE106DF618	10UF STD 16V M FL TP5
C581	0CE106DF618	10UF STD 16V M FL TP5
C587	0CE474CK636	0.47UF SHL,SD 50V M FM5 BP(D)
C588	0CE474CK636	0.47UF SHL,SD 50V M FM5 BP(D)
C589	0CE474CK636	0.47UF SHL,SD 50V M FM5 BP(D)
C590	0CE474CK636	0.47UF SHL,SD 50V M FM5 BP(D)
C592	0CE107DD618	100UF STD 10V M FL TP5
C595	0CE227DD618	220UF STD 10V M FL TP5
C597	0CE227DD618	220UF STD 10V M FL TP5
C600	0CE107DD618	100UF STD 10V M FL TP5
C607	0CE476DD618	47UF STD 10V 20% FL TP 5
C610	0CX5600K409	56P 50V J SL TA52
C611	0CE106DF618	10UF STD 16V M FL TP5
C616	0CE106DF618	10UF STD 16V M FL TP5
C617	0CE106DF618	10UF STD 16V M FL TP5
C619	0CE107DD618	100UF STD 10V M FL TP5
C621	0CE106DF618	10UF STD 16V M FL TP5
C622	0CE227DF618	220UF STD 16V M FL TP5
C623	0CE107BJ618	100UF KME 35V M FL TP5
C627	181-007H	MPE ECQ-V1H474JL3(TR), 50V 0.4
C630	181-007H	MPE ECQ-V1H474JL3(TR), 50V 0.4
C632	0CE107BJ618	100UF KME 35V M FL TP5
C633	0CE107BJ618	100UF KME 35V M FL TP5

LOCA. NO	PART NO	DESCRIPTION
C634	0CE106DF618	10UF STD 16V M FL TP5
C635	0CE106DF618	10UF STD 16V M FL TP5
C636	0CE108DJ618	1000UF STD 35V M FL TP5
C637	0CE108DJ618	1000UF STD 35V M FL TP5
C638	0CK1030K945	0.01UF 50V Z F TR
C639	0CE108DK61A	1000UF STD 50V M FL TP7.5
C640	0CQ6821N509	0.0068U 100V K POLY TP
C642	0CE107DD618	100UF STD 10V M FL TP5
C644	181-442Z	PE,ECQ-B1H104KF3(TR)
C645	181-442Z	PE,ECQ-B1H104KF3(TR)
C646	0CQ6821N509	0.0068U 100V K POLY TP
C647	181-007G	MPE ECQ-V1H334JL3(TR), 50V 0.3
C648	181-064P	10UF 0 16V K
C649	181-064P	10UF 0 16V K
C658	181-007G	MPE ECQ-V1H334JL3(TR), 50V 0.3
C660	181-442Z	PE,ECQ-B1H104KF3(TR)
C674	0CE107DF618	100UF STD 16V M FL TP5
C677	0CE107DF618	100UF STD 16V M FL TP5
C680	181-442Z	PE,ECQ-B1H104KF3(TR)
C681	181-442Z	PE,ECQ-B1H104KF3(TR)
C682	0CE107DH618	100UF STD 25V M FL TP5
C683	0CE107DH618	100UF STD 25V M FL TP5
C685	0CE107DH618	100UF STD 25V M FL TP5
C686	0CE106DK618	10UF STD 50V M FL TP5
C687	0CE106DF618	10UF STD 16V M FL TP5
C688	0CE108DK61A	1000UF STD 50V M FL TP7.5
C689	0CE228DJ650	2200UF STD 35V M FM7.5 BULK
C690	0CK1030K945	0.01UF 50V Z F TR
C691	0CE107DF618	100UF STD 16V M FL TP5
C692	0CE228DJ650	2200UF STD 35V M FM7.5 BULK
C693	0CE107DH618	100UF STD 25V M FL TP5
C694	0CE106DF618	10UF STD 16V M FL TP5
C695	0CE107DF618	100UF STD 16V M FL TP5
C697	0CE107DD618	100UF STD 10V M FL TP5
C701	0CE476DD618	47UF STD 10V 20% FL TP 5
C708	0CE106DF618	10UF STD 16V M FL TP5
C714	0CQ1041N455	0.1000UF 100V J PP NI FM7.5
C715	181-442Z	PE,ECQ-B1H104KF3(TR)
C716	0CE106DF618	10UF STD 16V M FL TP5
C718	0CE107DF618	100UF STD 16V M FL TP5
C720	0CE476DF618	47UF STD 16V M FL TP5
C724	0CQ1031N509	0.01U 100V K POLY TP
C725	181-007F	MPE ECQ-V1H224JL3(TR), 50V 0.2
C729	0CE475DK618	4.7UF STD 50V 20% FL TP 5
C730	0CE106DF618	10UF STD 16V M FL TP5
C738	0CK224DF56A	220000PF 2012 16V 10% R/TP X7R
C741	0CE476DF618	47UF STD 16V M FL TP5
C746	0CE476DF618	47UF STD 16V M FL TP5
C749	0CE475DK618	4.7UF STD 50V 20% FL TP 5
C753	0CE476DF618	47UF STD 16V M FL TP5
C755	0CK224DF56A	220000PF 2012 16V 10% R/TP X7R
C758	0CE476DF618	47UF STD 16V M FL TP5

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LOCA. NO	PART NO	DESCRIPTION
C761	0CE476DK618	47UF STD 50V M FL TP5
C764	0CE227DF618	220UF STD 16V M FL TP5
C767	0CE107DF618	100UF STD 16V M FL TP5
C771	0CE107DD618	100UF STD 10V M FL TP5
⚠ C801	0CQZVBK002B	A.C 275V 0.15UF K (S=22.5)
⚠ C802	181-091K	DEHR33D561KN3A DE0907-486 R 56
C804	0CE227BJ618	220U KME 35V M FL TP5
C806	181-091D	DEHR33A102KN2A DE0905-979 R 1
⚠ C807	181-091D	DEHR33A102KN2A DE0905-979 R 1
C808	0CN1020K519	1000P 50V K B TA52
C809	0CE106BN618	10UF KME 100V M FL TP5
C810	0CE477BH618	470UF KME TYPE 25V 20% FL TP 5
C811	0CK1020K515	1000P 50V K B TS
C812	181-011D	PP 1600V 0.0022UF J
C813	181-091C	DEHR33A471KN2A DE0705-979 R 4
C815	181-091C	DEHR33A471KN2A DE0705-979 R 4
C816	0CE2276Q650	220UF SMS 200V M FM7.5 BULK
C817	181-001A	CE 200V 470UF M LUG (85)
C818	181-091C	DEHR33A471KN2A DE0705-979 R 4
C826	181-120N	1000PF 4KV M E FMTW LEAD4.5
C827	0CQ1041N509	0.1U 100V K POLY TP
C828	0CE476DN618	47UF STD 100V 20% FL TP 5
C829	181-091C	DEHR33A471KN2A DE0705-979 R 4
C830	0CE107DF618	100UF STD 16V M FL TP5
⚠ C833	181-120N	1000PF 4KV M E FMTW LEAD4.5
⚠ C834	181-001U	CE 450V 470UF M LUG(85)
C844	0CE477DD618	470UF STD 10V M FL TP5
C845	0CE337DH618	330UF STD 25V M FL TP5
C850	0CN1040K949	0.1M 50V Z F TA52
C852	0CE108DF618	1000UF STD 16V M FL TP5
C853	0CE108DF618	1000UF STD 16V M FL TP5
C880	0CQZVBK002C	A.C 275V 0.22UF K (S=22.5)
C881	0CQZVBK002C	A.C 275V 0.22UF K (S=22.5)
C882	0CK10201515	1000P 1KV K B TS
C883	0CK10201515	1000P 1KV K B TS
C884	0CEZVBK002B	CE 500V 220UF M LUG(85)
C885	181-014Y	MPP 1.6KV 0.0015UF J
C886	0CK1020K515	1000P 50V K B TS
C887	0CE226BK618	22UF KME 50V M FL TP5
⚠ C888	0CE227BJ618	220U KME 35V M FL TP5
⚠ C888	0CQZVBK002D	A.C 275V 0.47UF K (S=22.5)
⚠ C889	0CK8210K515	820P 50V K B TS
⚠ C889	0CQZVBK002A	A.C 275V 0.1UF M (S=15)
C890	0CK47101515	470P 1KV K B TS
C891	0CE228DK650	2200UF STD 50V M FM7.5 BULK
C894	0CE227DK618	220UF STD 50V M FL TP5
C895	181-120N	1000PF 4KV M E FMTW LEAD4.5
C896	0CQ1041N509	0.1U 100V K POLY TP
C900	0CE475BR618	4.7UF KME TYPE 250V 20% FL TP
C901	0CE475BR618	4.7UF KME TYPE 250V 20% FL TP
C902	0CE475DR618	4.7UF STD 250V 20% FL TP 5
C904	0CE475BR618	4.7UF KME TYPE 250V 20% FL TP

LOCA. NO	PART NO	DESCRIPTION
C905	0CK5610W515	560P 500V K B TS
C906	0CN1040K949	0.1M 50V Z F TA52
C907	0CN1040K949	0.1M 50V Z F TA52
C908	0CE475DR618	4.7UF STD 250V 20% FL TP 5
C910	0CE225DK618	2.2UF STD 50V 20% FL TP 5
C911	0CN1040K949	0.1M 50V Z F TA52
C912	0CN1040K949	0.1M 50V Z F TA52
C914	0CE228DF618	2200UF STD 16V M FL TP5
C915	0CK5610W515	560P 500V K B TS
C916	181-033T	2KV B 222K
C917	0CN1040K949	0.1M 50V Z F TA52
C919	0CK5610W515	560P 500V K B TS
C925	0CN1040K949	0.1M 50V Z F TA52
C926	0CK1030W510	0.01U 500V K B S
C1203	0CN2210K519	220P 50V K B TA52
C1204	0CN1040K949	0.1M 50V Z F TA52
C1205	0CN2210K519	220P 50V K B TA52
C1206	0CN4710K519	470P 50V K B TA52
C1207	0CN4710K519	470P 50V K B TA52
C1208	0CN8210K519	820P 50V K B TA52
C1209	0CE475DK618	4.7UF STD 50V 20% FL TP 5
C1210	0CE475DK618	4.7UF STD 50V 20% FL TP 5
C1211	0CN8210K519	820P 50V K B TA52
C1212	0CE475DK618	4.7UF STD 50V 20% FL TP 5
C1213	0CE475DK618	4.7UF STD 50V 20% FL TP 5
C1251	0CE105DK618	1UF STD 50V M FL TP5
C1252	0CE105DK618	1UF STD 50V M FL TP5
C1253	0CE684DK618	0.68UF STD 50V 20% FL TP 5
C1254	0CE225DK618	2.2UF STD 50V 20% FL TP 5
C1255	0CE105DK618	1UF STD 50V M FL TP5
C1256	0CN1010K519	100P 50V K B TA52
C1257	0CN1030F679	10000P 16V M Y TA52
C1258	0CE476DD618	47UF STD 10V 20% FL TP 5
C2903	0CE106DH618	10UF STD 25V M FL TP5
C2909	0CE106DH618	10UF STD 25V M FL TP5
C2910	0CN1010K519	100P 50V K B TA52
C2911	0CN1010K519	100P 50V K B TA52
C2912	0CK4720W510	4700P 500V K B S
C2913	0CK4720W510	4700P 500V K B S
C2914	0CE106DP618	10UF STD 160V M FL TP5
C2915	0CE107DK618	100UF STD 50V M FL TP5
C2917	0CE107DF618	100UF STD 16V M FL TP5
C2918	0CE107DF618	100UF STD 16V M FL TP5
C2919	0CE106DP618	10UF STD 160V M FL TP5
C2922	0CE106DH618	10UF STD 25V M FL TP5
C2933	0CK1010W515	100P 500V K B TS
ZD01	0CN1820F569	1800P 16V K X TA52

FUSE

⚠ F1101	131-098B	FUSE,SLOW BLOW 4000MA 250V 5.2X20
⚠ FR849	0FF4001A234	FUSE,FAST BLOE 4000MA 125V 2.5X7.6
⚠ FR851	0FF4001A234	FUSE,FAST BLOE 4000MA 125V 2.5X7.6

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LOCA. NO	PART NO	DESCRIPTION
COIL & TRANSFORMER		
J22	0LA0102K119	INDUCTOR,10UH K
J25	0LA0102K119	INDUCTOR,10UH K
J35	0LA0102K119	INDUCTOR,10UH K
J40	0LA0102K119	INDUCTOR,10UH K
J43	0LA0102K119	INDUCTOR,10UH K
J55	0LA0102K119	INDUCTOR,10UH K
J117	0LA0102K119	INDUCTOR,10UH K
L01	0LA0102K119	INDUCTOR,10UH K
L12	0LA0102K139	INDUCTOR,10UH K
L13	0LA0102K119	INDUCTOR,10UH K
L032	0LA0102K119	INDUCTOR,10UH K
L101	0LA0102K119	INDUCTOR,10UH K
L102	0LA0102K119	INDUCTOR,10UH K
L201	0LA0102K119	INDUCTOR,10UH K
L202	0LA0102K119	INDUCTOR,10UH K
L203	0LA0102K119	INDUCTOR,10UH K
L204	0LA0102K119	INDUCTOR,10UH K
L205	0LA0102K119	INDUCTOR,10UH K
L206	0LA0102K119	INDUCTOR,10UH K
L207	0LA0102K119	INDUCTOR,10UH K
L208	0LA0102K119	INDUCTOR,10UH K
L209	0LA0102K119	INDUCTOR,10UH K
L210	0LA0102K119	INDUCTOR,10UH K
L211	0LA0102K119	INDUCTOR,10UH K
L212	0LA0102K119	INDUCTOR,10UH K
L217	0LA0102K119	INDUCTOR,10UH K
L218	0LA0102K119	INDUCTOR,10UH K
L219	0LA0102K119	INDUCTOR,10UH K
L220	0LA0102K119	INDUCTOR,10UH K
L223	0LA0102K119	INDUCTOR,10UH K
L228	0LA0331K119	INDUCTOR,3.3UH K
L229	0LA0331K119	INDUCTOR,3.3UH K
L230	0LA0331K119	INDUCTOR,3.3UH K
L401	150-L02Q	COIL,LINEARITY 10UH
L402	150-W01A	COIL,CHOKE WIDTH 24UH
L403	150-C13B	COIL,CHOKE 52UH
L404	150-C13B	COIL,CHOKE 52UH
L407	150-717K	COIL,CHOKE 1.1UH
L410	0LA1001K130	INDUCTOR,1000M K
L501	0LA0102K119	INDUCTOR,10UH K
L502	0LA0102K119	INDUCTOR,10UH K
L601	0LA0102K119	INDUCTOR,10UH K
L606	0LA0102K119	INDUCTOR,10UH K
L608	0LA0102K119	INDUCTOR,10UH K
L610	0LA0102K119	INDUCTOR,10UH K
L681	0LA1000K119	INDUCTOR,100UH K
L682	0LA1000K119	INDUCTOR,100UH K
L701	0LA0102K119	INDUCTOR,10UH K
L702	0LA0102K119	INDUCTOR,10UH K
L703	0LA0102K119	INDUCTOR,10UH K
L704	0LA0102K119	INDUCTOR,10UH K
L705	0LA0102K119	INDUCTOR,10UH K
L801	150-C02F	COIL,CHOKE 82UH
L881	150-C02F	COIL,CHOKE 82UH
L901	0LA0272K139	INDUCTOR,27UH K
L1201	0LA0472K119	INDUCTOR,47UH K
L1202	0LA0472K119	INDUCTOR,47UH K
L1203	0LA0472K119	INDUCTOR,47UH K
L1204	0LA0472K119	INDUCTOR,47UH K
L1251	0LA0102K119	INDUCTOR,10UH K
R273	0LA0102K119	INDUCTOR,10UH K
⚠ T401	6170VC0002A	TRANSFORMER,H-DRIVE EER-2619
⚠ T402	6174Z-6005S	FBT,FTMPC31 -T6005S
T403	151-E06A	TRANSFORMER,EER2834 0UH
⚠ T803	6170VMCA01Y	TRANSFORMER,SMPS EER5345 400UH
T880	151-A14E	TRANSFORMER,SMPS EER3542 600UH
CONNECTOR		
P02A	387-A03A	CONNECTOR ASSYASSY,3P (L=100)
P6B	387-A05H	CONNECTOR ASSYASSY,5P (L=450)
P101B	387-B10D	CONNECTOR ASSY,10P(L=250)
P401A	387-812L	CONNECTOR ASSY,YJN250 12P
P601A	366-921L	CONNECTOR,2.5MM 12P GIL-G
P601A	387-J12J	CONNECTOR ASSY,12P SHIELD(500)
P602A	387-B04F	CONNECTOR ASSY,4P SHIELD WIRE(L=350)
P801A	387-812L	CONNECTOR ASSYYJN250 12P
P808B	387-A05K	CONNECTOR ASSYASSY,5P (L=600)
P850	387-A03G	CONNECTOR ASSYASSY,3P (L=400)
P901B	366-921L	CONNECTOR,2.5MM 12P GIL-G
P902B	387-A10G	CONNECTOR ASSY,10P (L=400)
P1101	387-916K	CONNECTOR ASSY,1P(L=600)
P1103	6631V23001L	CONNECTOR ASSY,2P 300MM NYLON 10 UL
P1151	387-G07P	CONNECTOR ASSY,7P 1000MM B-B SHIELD
RESISTOR		
FR359	0RF0680K607	0.68 OHM 2 W 5.00% TA62
FR360	0RF0680K607	0.68 OHM 2 W 5.00% TA62
FR442	0RF0331K607	3.3 OHM 2 W 5.00% TA62
FR443	0RF0101K607	1 OHM 2 W 5.00% TA62
FR448	0RF0470K607	0.47 OHM 2 W 5.00% TA62
FR829	0RS6801K607	6.8K OHM 2 W 5.00% TA62
⚠ FR848	0RF0470H609	0.47 OHM 1/2 W 5.00% TA52
FR2948	0RF1000H609	100 OHM 1/2 W 5.00% TA52
J27	0RD3300F609	330 OHM 1/6 W 5.00% TA52
J46	0RD1000F609	100 OHM 1/6 W 5.00% TA52
J47	0RD1000F609	100 OHM 1/6 W 5.00% TA52
J62	0RD1001F609	1K OHM 1/6 W 5.00% TA52
J133	0RD1000F609	100 OHM 1/6 W 5.00% TA52
J209	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
J215	0RD1000F609	100 OHM 1/6 W 5.00% TA52
J223	0RD1000F609	100 OHM 1/6 W 5.00% TA52
J429	0RD1501F609	1.5K OHM 1/6 W 5.00% TA52

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LOCA. NO	PART NO	DESCRIPTION
J453	0RD0222F609	22 OHM 1/6 W 5.00% TA52
R1	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R3	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R03	0RD4702F609	47K OHM 1/6 W 5.00% TA52
R4	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R5	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R6	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R7	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R8	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R9	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R10	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R13	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R14	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R16	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R17	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R19	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R20	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R21	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R22	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R27	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R28	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R30	0RD2701F609	2.7K OHM 1/6 W 5.00% TA52
R32	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R34	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R36	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R40	0RD2701F609	2.7K OHM 1/6 W 5.00% TA52
R94	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R97	0RD1202F609	12K OHM 1/6 W 5.00% TA52
R99	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R100	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R104	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R105	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R107	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R121	0RD1001H609	1K OHM 1/2 W 5.00% TA52
R122	0RD1001H609	1K OHM 1/2 W 5.00% TA52
R124	0RS0121K607	1.2 OHM 2 W 5.00% TA62
R125	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R127	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R128	0RD2201F609	2.2K OHM 1/6 W 5.00% TA52
R129	0RD2201F609	2.2K OHM 1/6 W 5.00% TA52
R132	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R133	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R142	0RD3901F609	3.9K OHM 1/6 W 5.00% TA52
R151	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R162	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R172	0RD3301F609	3.3K OHM 1/6 W 5.00% TA52
R173	0RD3301F609	3.3K OHM 1/6 W 5.00% TA52
R193	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R197	0RD0472H609	47 OHM 1/2 W 5.00% TA52
R229	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R230	0RD0682F609	68 OHM 1/6 W 5.00% TA52
R231	0RD2200F609	220 OHM 1/6 W 5.00% TA52

LOCA. NO	PART NO	DESCRIPTION
R232	0RD2200F609	220 OHM 1/6 W 5.00% TA52
R233	0RD2200F609	220 OHM 1/6 W 5.00% TA52
R234	0RD2200F609	220 OHM 1/6 W 5.00% TA52
R235	0RD2200F609	220 OHM 1/6 W 5.00% TA52
R236	0RD2200F609	220 OHM 1/6 W 5.00% TA52
R237	0RD2200F609	220 OHM 1/6 W 5.00% TA52
R238	0RD2200F609	220 OHM 1/6 W 5.00% TA52
R239	0RD2200F609	220 OHM 1/6 W 5.00% TA52
R240	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R241	0RD0682F609	68 OHM 1/6 W 5.00% TA52
R246	0RD5602F609	56K OHM 1/6 W 5.00% TA52
R247	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R248	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R249	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R250	0RD2200F609	220 OHM 1/6 W 5.00% TA52
R253	0RD3300F609	330 OHM 1/6 W 5.00% TA52
R255	0RD3300F609	330 OHM 1/6 W 5.00% TA52
R261	0RD2200F609	220 OHM 1/6 W 5.00% TA52
R262	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R263	0RD2200F609	220 OHM 1/6 W 5.00% TA52
R264	0RD2200F609	220 OHM 1/6 W 5.00% TA52
R265	0RD2200F609	220 OHM 1/6 W 5.00% TA52
R266	0RD5100F609	510 OHM 1/6 W 5.00% TA52
R267	0RD5100F609	510 OHM 1/6 W 5.00% TA52
R268	0RD5100F609	510 OHM 1/6 W 5.00% TA52
R269	0RD5100F609	510 OHM 1/6 W 5.00% TA52
R270	0RD5100F609	510 OHM 1/6 W 5.00% TA52
R279	0RD5100F609	510 OHM 1/6 W 5.00% TA52
R288	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R292	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R311	0RD1002F609	10K OHM 1/6 W 5.00% TA52
R312	0RD8202F609	82K OHM 1/6 W 5.00% TA52
R313	0RD1802F609	18K OHM 1/6 W 5.00% TA52
R314	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R318	0RS0101H609	1 OHM 1/2 W 5.00% TA52
R324	0RD5100F609	510 OHM 1/6 W 5.00% TA52
R325	0RN3301F409	3.3K OHM 1/6 W 1.00% TA52
R326	0RN5601F409	5.6K OHM 1/6 W 1.00% TA52
R327	0RN5601F409	5.6K OHM 1/6 W 1.00% TA52
R328	0RS2200K607	220 OHM 2 W 5.00% TA62
R329	0RS0431J607	4.3 OHM 1 W 5.00% TA62
R330	0RS0561K607	5.6 OHM 2 W 5.00% TA62
R332	0RN3301F409	3.3K OHM 1/6 W 1.00% TA52
R342	0RD1002F609	10K OHM 1/6 W 5.00% TA52
R356	0RD1501H609	1.5K OHM 1/2 W 5.00% TA52
R358	0RS2202K607	22K OHM 2 W 5.00% TA62
R359	0RS2202K607	22K OHM 2 W 5.00% TA62
R368	0RS2202K607	22K OHM 2 W 5.00% TA62
R401	0RD1002F609	10K OHM 1/6 W 5.00% TA52
R404	0RS4701K607	4.7K OHM 2 W 5.00% TA62
R405	180-A01B	RW ROUND G 2W 0.11 K TA31(63)
R406	0RS0561K607	5.6 OHM 2 W 5.00% TA62

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LOCA. NO	PART NO	DESCRIPTION
R407	0RS1001J607	1K OHM 1 W 5.00% TA62
R408	0RD1501F609	1.5K OHM 1/6 W 5.00% TA52
R410	0RD3301F609	3.3K OHM 1/6 W 5.00% TA52
R413	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R414	0RD3602F609	36K OHM 1/6 W 5.00% TA52
R415	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R416	0RD4702F609	47K OHM 1/6 W 5.00% TA52
R417	0RD4700F609	470 OHM 1/6 W 5.00% TA52
R418	0RD2701H609	2.7K OHM 1/2 W 5.00% TA52
R419	0RD1501F609	1.5K OHM 1/6 W 5.00% TA52
R420	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R421	0RD0221F609	2.2 OHM 1/6 W 5.00% TA52
R422	0RD1001H609	1K OHM 1/2 W 5.00% TA52
R423	0RD2001H609	2K OHM 1/2 W 5.00% TA52
R424	0RS0561K607	5.6 OHM 2 W 5.00% TA62
R426	0RD2400H609	240 OHM 1/2 W 5.00% TA52
R429	0RS4701H609	4.7K OHM 1/2 W 5.00% TA52
R431	0RS1500H609	150 OHM 1/2 W 5.00% TA52
R438	0RS2702H609	27K OHM 1/2 W 5.00% TA52
R439	0RS3901H609	3.9K OHM 1/2 W 5.00% TA52
R445	0RF0222H609	22 OHM 1/2 W 5.00% TA52
R446	0RS3302H609	33K OHM 1/2 W 5.00% TA52
R447	0RD3003F609	300K OHM 1/6 W 5.00% TA52
R450	0RS0221H609	2.2 OHM 1/2 W 5.00% TA52
R451	180-C02M	5.6K OHM 1/2 W 10% TA52 ERC12G
R490	180-B01M	RS RECT S 5W 7.5K J DOUBLE
R601	0RD3901F609	3.9K OHM 1/6 W 5.00% TA52
R602	0RD3901F609	3.9K OHM 1/6 W 5.00% TA52
R604	0RD3901F609	3.9K OHM 1/6 W 5.00% TA52
R607	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R608	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R616	0RD0102F609	10 OHM 1/6 W 5.00% TA52
R622	0RD0331F609	3.3 OHM 1/6 W 5.00% TA52
R623	0RD0331F609	3.3 OHM 1/6 W 5.00% TA52
R650	0RD0331F609	3.3 OHM 1/6 W 5.00% TA52
R651	0RD0331F609	3.3 OHM 1/6 W 5.00% TA52
R654	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R655	0RD4700H609	470 OHM 1/2 W 5.00% TA52
R656	0RD4700H609	470 OHM 1/2 W 5.00% TA52
R657	0RD3000F609	300 OHM 1/6 W 5.00% TA52
R658	0RD3000F609	300 OHM 1/6 W 5.00% TA52
R659	0RD2002F609	20K OHM 1/6 W 5.00% TA52
R660	0RD2002F609	20K OHM 1/6 W 5.00% TA52
R674	0RD3900F609	390 OHM 1/6 W 5.00% TA52
R675	0RD3900F609	390 OHM 1/6 W 5.00% TA52
R676	0RD3302F609	33K OHM 1/6 W 5.00% TA52
R677	0RD0102F609	10 OHM 1/6 W 5.00% TA52
R678	0RD0271F609	2.7 OHM 1/6 W 5.00% TA52
R680	0RD0271F609	2.7 OHM 1/6 W 5.00% TA52
R701	0RN5602F409	56K OHM 1/6 W 1.00% TA52
R702	0RN1802F409	18K OHM 1/6 W 1.00% TA52
R716	0RD1000F609	100 OHM 1/6 W 5.00% TA52

LOCA. NO	PART NO	DESCRIPTION
R717	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R742	0RN2202F409	22K OHM 1/6 W 1.00% TA52
R756	0RN1002F409	10K OHM 1/6 W 1.00% TA52
R801	0RS2002K607	20K OHM 2 W 5.00% TA62
⚠ R802	180-822M	RWR 15W 1.0 OHM J PD
R803	0RD1802H609	18K OHM 1/2 W 5.00% TA52
R804	0RS0152K607	15 OHM 2 W 5.00% TA62
R805	0RD5100F609	510 OHM 1/6 W 5.00% TA52
R806	0RD2001F609	2K OHM 1/6 W 5.00% TA52
R807	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R808	180-A01D	RW ROUND G 2W 0.16 J TA31(63)
⚠ R809	0RKZVTA001K	0.47M OHM 1/2 W 5% TA52 PILKOR
R810	0RD7501F609	7.5K OHM 1/6 W 5.00% TA52
R811	180-A01R	RW ROUND G 2W 0.39 J TA31(63)
R813	0RS1002K607	10K OHM 2 W 5.00% TA62
R814	0RD3002H609	30K OHM 1/2 W 5.00% TA52
R815	0RD1202F609	12K OHM 1/6 W 5.00% TA52
R816	0RS0102K607	10 OHM 2 W 5.00% TA62
⚠ R824	0RKZVTA001C	8.2M OHM 1/2 W 5% TA52 UL PILK
R825	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R831	0RD2001F609	2K OHM 1/6 W 5.00% TA52
R835	0RD5100F609	510 OHM 1/6 W 5.00% TA52
R838	0RD2001F609	2K OHM 1/6 W 5.00% TA52
R840	0RD0680H609	0.68 OHM 1/2 W 5.00% TA52
R841	0RD0680H609	0.68 OHM 1/2 W 5.00% TA52
R842	0RD4701H609	4.7K OHM 1/2 W 5.00% TA52
R843	0RD1000H609	100 OHM 1/2 W 5.00% TA52
R844	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R849	0RS0182K607	18 OHM 2 W 5.00% TA62
R851	0RS0392K607	39 OHM 2 W 5.00% TA62
R852	0RS1002J607	10K OHM 1 W 5.00% TA62
R853	0RD1001H609	1K OHM 1/2 W 5.00% TA52
R854	0RD1002F609	10K OHM 1/6 W 5.00% TA52
R855	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R856	0RD1502F609	15K OHM 1/6 W 5.00% TA52
R857	0RS2002K607	20K OHM 2 W 5.00% TA62
R862	0RD2201F609	2.2K OHM 1/6 W 5.00% TA52
R880	180-822N	RWR 7W 1.0 OHM J PD
R881	0RD0470H609	0.47 OHM 1/2 W 5.00% TA52
R882	180-A01H	RW ROUND G 2W 0.27 J TA31(63)
R883	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R884	0RD4701H609	4.7K OHM 1/2 W 5.00% TA52
R885	0RD1501F609	1.5K OHM 1/6 W 5.00% TA52
R886	0RD2001F609	2K OHM 1/6 W 5.00% TA52
R887	0RD5601F609	5.6K OHM 1/6 W 5.00% TA52
R888	0RD3601F609	3.6K OHM 1/6 W 5.00% TA52
R889	0RD1502H609	15K OHM 1/2 W 5.00% TA52
R890	0RS4702K607	47K OHM 2 W 5.00% TA62
R891	0RD6803H609	680K OHM 1/2 W 5.00% TA52
R892	0RD3303H609	330K OHM 1/2 W 5.00% TA52
R893	0RD2201F609	2.2K OHM 1/6 W 5.00% TA52
R894	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52

The components identified by mark ⚠ are critical for safety.
Replace only with part number specified.

For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows;
CC, CX, CK, CN : Ceramic
CQ : Polyestor
CE : Electrolytic
RD : Carbon Film
RS : Metal Oxide Film
RN : Metal Film
RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
R902	0RD4702F609	47K OHM 1/6 W 5.00% TA52
R903	0RS4702K607	47K OHM 2 W 5.00% TA62
R905	0RD1301F609	1.3K OHM 1/6 W 5.00% TA52
R906	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R907	0RS4702K607	47K OHM 2 W 5.00% TA62
R908	0RS4700H609	470 OHM 1/2 W 5.00% TA52
R909	0RN3302F409	33K OHM 1/6 W 1.00% TA52
R910	0RF0101K607	1 OHM 2 W 5.00% TA62
R911	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R912	0RN5601F409	5.6K OHM 1/6 W 1.00% TA52
R914	0RD3001F609	3K OHM 1/6 W 5.00% TA52
R915	0RD1301F609	1.3K OHM 1/6 W 5.00% TA52
R916	0RKZVTA001L	1.0M OHM 1/2 W 5% TA52 UL PILK
R917	0RD1803H609	180K OHM 1/2 W 5.00% TA52
R918	0RS4702K607	47K OHM 2 W 5.00% TA62
R921	0RN3001F409	3K OHM 1/6 W 1.00% TA52
R929	0RD3001F609	3K OHM 1/6 W 5.00% TA52
R930	0RS4700H609	470 OHM 1/2 W 5.00% TA52
R938	0RS4700H609	470 OHM 1/2 W 5.00% TA52
R946	0RD1301F609	1.3K OHM 1/6 W 5.00% TA52
R947	0RD3001F609	3K OHM 1/6 W 5.00% TA52
R1151	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R1152	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R1153	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R1154	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R1155	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R1156	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R1204	0RD2403F609	240K OHM 1/6 W 5.00% TA52
R1206	0RD0752F609	75 OHM 1/6 W 5.00% TA52
R1208	0RD2403F609	240K OHM 1/6 W 5.00% TA52
R1212	0RD0752F609	75 OHM 1/6 W 5.00% TA52
R1251	0RD0752F609	75 OHM 1/6 W 5.00% TA52
R1252	0RD0752F609	75 OHM 1/6 W 5.00% TA52
R1253	0RD0752F609	75 OHM 1/6 W 5.00% TA52
R1254	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R1255	0RD1001F609	1K OHM 1/6 W 5.00% TA52
R1292	0RD0752F609	75 OHM 1/6 W 5.00% TA52
R1301	0RD0682F609	68 OHM 1/6 W 5.00% TA52
R1302	0RD2200F609	220 OHM 1/6 W 5.00% TA52
R1303	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R1304	0RD9101F609	9.1K OHM 1/6 W 5.00% TA52
R1305	0RD1501F609	1.5K OHM 1/6 W 5.00% TA52
R1306	0RD4701F609	4.7K OHM 1/6 W 5.00% TA52
R2906	0RD1500F609	150 OHM 1/6 W 5.00% TA52
R2907	0RD1600F609	160 OHM 1/6 W 5.00% TA52
R2908	0RD3001F609	3K OHM 1/6 W 5.00% TA52
R2909	0RD1500F609	150 OHM 1/6 W 5.00% TA52
R2910	0RD3001F609	3K OHM 1/6 W 5.00% TA52
R2911	0RD5601F609	5.6K OHM 1/6 W 5.00% TA52
R2912	0RD3001F609	3K OHM 1/6 W 5.00% TA52
R2921	0RD3000H609	300 OHM 1/2 W 5.00% TA52
R2922	0RD3000H609	300 OHM 1/2 W 5.00% TA52
R2928	0RD0102F609	10 OHM 1/6 W 5.00% TA52
R2929	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R2930	0RD0102F609	10 OHM 1/6 W 5.00% TA52
R2931	0RD1000F609	100 OHM 1/6 W 5.00% TA52
R2932	0RD0822F609	82 OHM 1/6 W 5.00% TA52
R2933	0RD0822F609	82 OHM 1/6 W 5.00% TA52
R2934	0RF0102J607	10 OHM 1 W 5.00% TA62
R2935	0RD1202H609	12K OHM 1/2 W 5.00% TA52
R2936	0RD2001H609	2K OHM 1/2 W 5.00% TA52
R2937	0RD5602H609	56K OHM 1/2 W 5.00% TA52
R2938	0RD5602H609	56K OHM 1/2 W 5.00% TA52
R2939	0RD1201H609	1.2K OHM 1/2 W 5.00% TA52
R2940	0RD1501H609	1.5K OHM 1/2 W 5.00% TA52
R2941	0RD1501H609	1.5K OHM 1/2 W 5.00% TA52
R2942	0RD0391H609	3.9 OHM 1/2 W 5.00% TA52
R2943	0RD0472H609	47 OHM 1/2 W 5.00% TA52
R2944	0RD0391H609	3.9 OHM 1/2 W 5.00% TA52
R2945	0RD0472H609	47 OHM 1/2 W 5.00% TA52
R2946	0RS8200J607	820 OHM 1 W 5.00% TA62
R2947	0RS8200J607	820 OHM 1 W 5.00% TA62
R2955	0RD2202H609	22K OHM 1/2 W 5.00% TA52
R2959	0RD5101F609	5.1K OHM 1/6 W 5.00% TA52
R2990	0RD0222F609	22 OHM 1/6 W 5.00% TA52

SPARK GAP

C916	165-004A	SPARK GAP,AG20PT 152F-L3N/S-23
FB901	6918VAX002A	SPARK GAP,SSA-351N-A1 350V 30%
SG401	165-004A	SPARK GAP,AG20PT 152F-L3N/S-23
SG901	165-004A	SPARK GAP,AG20PT 152F-L3N/S-23
SG902	165-004A	SPARK GAP,AG20PT 152F-L3N/S-23
SG903	165-004A	SPARK GAP,AG20PT 152F-L3N/S-23
SG904	6918VAX002H	SPARK GAP,WSP-122N 1200V -100V

SWITCH

⚠ SW1101	140-289A	SWITCH,PUSH POWER SDDF3PASP013
SW1151	140-191A	SWITCH,TACT KHH15910
SW1152	140-191A	SWITCH,TACT KHH15910
SW1153	140-191A	SWITCH,TACT KHH15910
SW1154	140-191A	SWITCH,TACT KHH15910
SW1155	140-191A	SWITCH,TACT KHH15910
SW1156	140-191A	SWITCH,TACT KHH15910
SW1157	140-191A	SWITCH,TACT KHH15910

FILTER & CRYSTAL

F501	166-F01G	FILTER,DSS6NZ82A103Q93A DSS306-93FZ10
F503	166-F01G	FILTER,DSS6NZ82A103Q93A DSS306-93FZ10
F506	166-F01G	FILTER,DSS6NZ82A103Q93A DSS306-93FZ10
F701	166-F01G	FILTER,DSS6NZ82A103Q93A DSS306-93FZ10
F704	166-F01G	FILTER,DSS6NZ82A103Q93A DSS306-93FZ10
FB301	125-022R	FILTER,BI3857 FEELUX 5.7X3
FB403	125-022R	FILTER,BI3857 FEELUX 5.7X3
FB801	125-022R	FILTER,BI3857 FEELUX 5.7X3

For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows;

CC, CX, CK, CN : Ceramic
CQ : Polyestor
CE : Electrolytic

RD : Carbon Film
RS : Metal Oxide Film
RN : Metal Film
RF : Fusible

The components identified by mark ⚠ are critical for safety.
Replace only with part number specified.

LOCA. NO	PART NO	DESCRIPTION
FB802	125-123A	FILTER,FERRITE BFD3565R2F
FB803	125-022R	FILTER,BI3857 FEELUX 5.7X3
FB804	125-022R	FILTER,BI3857 FEELUX 5.7X3
FB805	125-022R	FILTER,BI3857 FEELUX 5.7X3
FB806	125-022R	FILTER,BI3857 FEELUX 5.7X3
FB880	125-022R	FILTER,BI3857 FEELUX 5.7X3
FB881	125-022R	FILTER,BI3857 FEELUX 5.7X3
FB902	125-022R	FILTER,BI3857 FEELUX 5.7X3
FB2901	125-123A	FILTER,FERRITE BFD3565R2F
FL501	6200VKR001C	FILTER,BAND PASS 2EA H355LDJ-K5215
FL701	6200VKR001B	FILTER,BAND PASS 2EA SMD TH355LSK-K5214
FL702	6200VKR001A	FILTER,BAND PASS 1EA SMD H354LAI-K5206
FL703	6200VKR001A	FILTER,BAND PASS 1EA SMD H354LAI-K5206
L11	125-022R	FILTER,BI3857 FEELUX 5.7X3
L033	125-022K	FILTER,FERRITE 1UH
L602	125-022R	FILTER,BI3857 FEELUX 5.7X3
L650	125-022R	FILTER,BI3857 FEELUX 5.7X3
J42	125-022R	FILTER,BI3857 FEELUX 5.7X3
L880	150-F06W	FILTER,SQE2930 36MH 0.5PHY 105TURN
T801	150-F06U	FILTER,SQE3535 27.5MH 0.6PHY 70TURN
X01	156-A01L	RESONATOR,CRYSTAL SUNNY RADIAL 6.000MHZ
X501	6202VDB007B	RESONATOR,CRYSTAL SUNNY RADIAL 20.250MHZ
X601	156-A02M	RESONATOR,CRYSTAL KJE RADIAL 18.432MHZ
X701	156-A02U	RESONATOR,CRYSTAL KJE RADIAL 27.000MHZ
X702	166-E02E	RESONATOR,CRYSTAL CSBLA500KECZF02-B0
Z101	166-F01G	FILTER,DSS6NZ82A103Q93A DSS306-93FZ10
Z102	166-F01G	FILTER,DSS6NZ82A103Q93A DSS306-93FZ10
Z104	166-F01G	FILTER,DSS6NZ82A103Q93A DSS306-93FZ10
Z105	166-F01G	FILTER,DSS6NZ82A103Q93A DSS306-93FZ10
Z107	166-F01G	FILTER,DSS6NZ82A103Q93A DSS306-93FZ10
ACCESSORIES		
A1	3828VA0286D	MANUAL,OWNERS AP/32Q82 LG EN 049W TX
A2	6710V00049W	REMOTE CONTROLLER W/O EYE
MISCELLANEOUS		
JA1	6613V00004A	JACK ASSY,PJ6054A EARPHONE+S-VHS+3P
PA01	6726VV0006H	REMOTE CONTROLLER RECEIVER 38KHZ
PJ201	6612VJH017A	JACK,RCA PPJ120A A/V 9P
PJ202	6612VJH017B	JACK,RCA PPJ120B A/V 9P
⚠ RL801	6920VB1001B	RELAY,LK1AF-12V MATSUSHITA 12V 4.41E
RL881	6920VB1001B	RELAY,LK1AF-12V MATSUSHITA 12V 4.41E
⚠ SK900	6620VBD002A	SOCKET,CPT PCS029A 9PIN 14/360
⚠ TH801	163-054F	THERMISTOR,J502P84D140M290Q
TU101	6700VPF011A	TUNER,TAUC-Z140D
TU102	6700VPF011B	TUNER,TAFC-Z140P
ZN801	164-003K	VARISTOR,SVC621D-14A 620V 0% UL/C
ZN1101	164-003K	VARISTOR,SVC621D-14A 620V 0% UL/C

LOCA. NO	PART NO	DESCRIPTION

CIRCUIT DIAGRAM FOR MC-006A CHASSIS MAIN1

P/N : 3854VA0075A-S1(1/2)
Date : 2001.02.01

POWER SUPPLY PART

100Hz BOARD CONNECTOR

MODEL OPTION

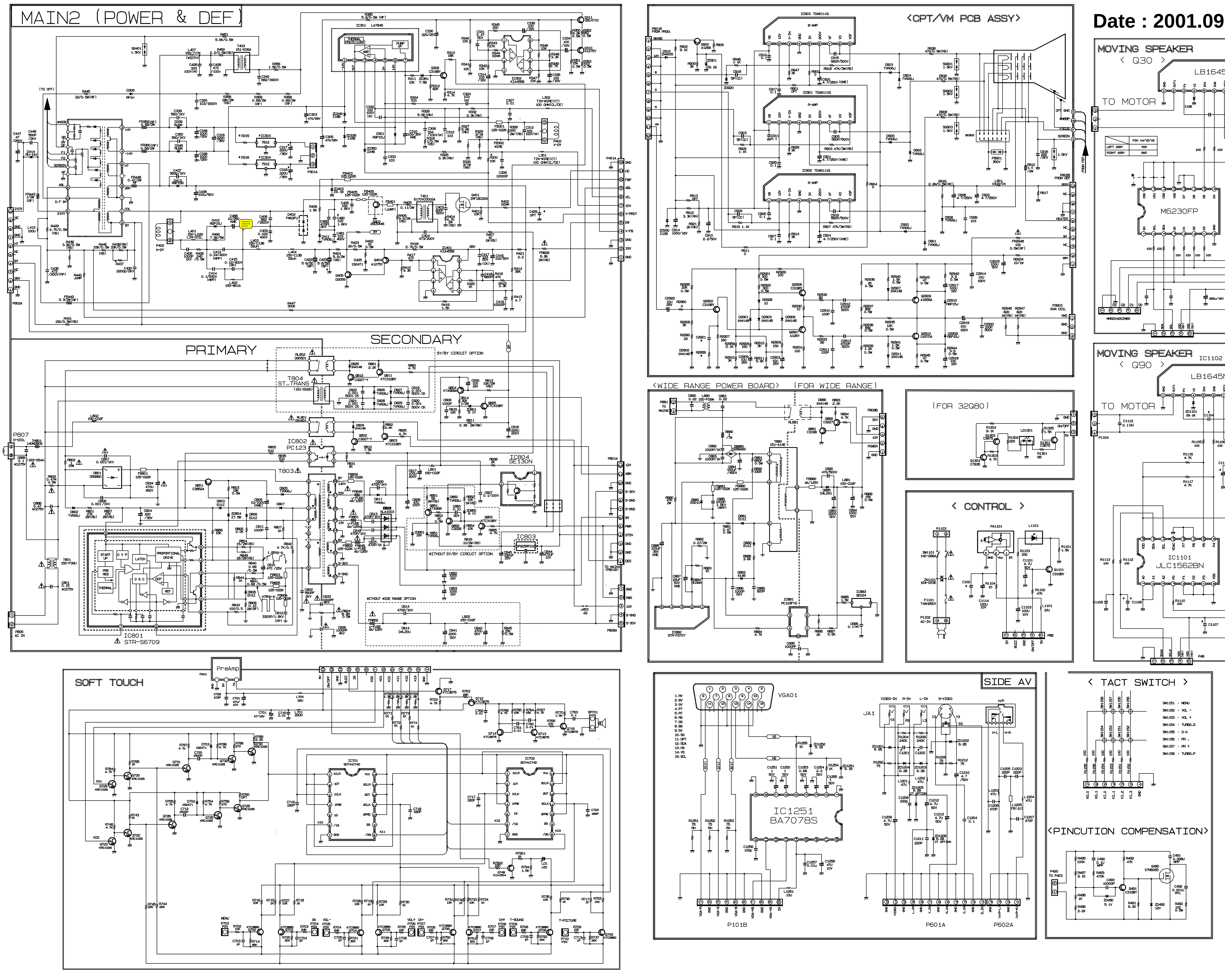
1. MAIN2

	CT(Q90)	CL(Q30)	CE(Q30)	REMARK
C209	470pF · CHIP	820pF · CHIP	820pF · CHIP	
C210	470pF · CHIP	820pF · CHIP	820pF · CHIP	
C250	470pF · CHIP	820pF · CHIP	820pF · CHIP	
C251	470pF · CHIP	820pF · CHIP	820pF · CHIP	
C221	470pF · CHIP	820pF · CHIP	820pF · CHIP	
C223	470pF · CHIP	820pF · CHIP	820pF · CHIP	
J113	TIN-WIRE	100 · 1/6W	TIN-WIRE	
L681	100uH		TIN-WIRE	
L682	100uH	TIN-WIRE	TIN-WIRE	
R606	0 · 1/10W	1K · 1/10W	1K · 1/10W	
R609	0 · 1/10W	1K · 1/10W	1K · 1/10W	
R617	100 · 1/6W	TIN-WIRE	100 · 1/6W	

CIRCUIT DIAGRAM FOR MC-006A CHASSIS MAIN2 & SUB ASSY

P/N : 3854VA0075A-S1(2/2)

Date : 2001.09.14



NOTICE

Since this a basic circuit diagram.
The value of components and some partial connection are subject to change for improvement.
The components marked ⚠ conform to VDE or IEC guide-lines and are essential for safe operation of the set. while those marked ⚠ are required for correct operation. Use specified parts only when replacing.

Value of resistor. capacitor and inductor

1. Resistances are shown in ohm. K=1.000. M=1.000.000.
2. Unless otherwise noted in schematic. all capacitor values less than 1 are expressed in uF and the values ore than 1 in pF. The sign of (M) in schmatic means MYLAR CAPACITOR.
3. Unless otherwise noted in schmatic. all inductor values less than 1 are expressed in uH.

Observation of voltage and waveforms

1. Voltages with VTVM from point shown to chassis ground. Line voltage is 200 - 260 volts Signal pattern is color-bar.
2. The schematic shown is representative only.
3. All waveforms are taken using a wide band oscilloscope and a low capacity probe.
4. Check Fine tuning. AGC. Brightness. Contrast and Colour for best picture. make sure that Colour. Brightness are in mid position and Contrast is in 75%.

CIRCUIT DIAGRAM FOR MC-006A CHASSIS 100HZ

IC701
SDA9410-100
DISP. PROCESSOR & SRC

IC702
CXA2100AQ
[ADDR:86]
DEFLECTION &
CPT DRIVE

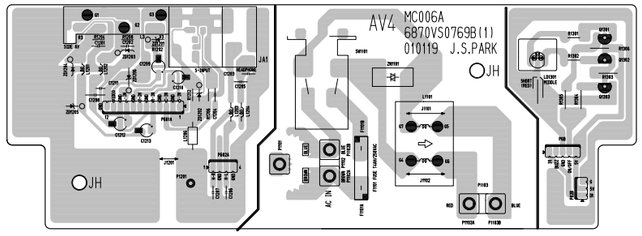
IC704
SN74LS157D

IC501
VPC3230
[ADDR:8E/8F HEX]
MAIN
VIDEO PROCESSOR

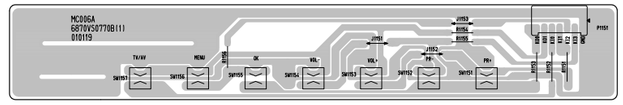
IC502
VPC3230
[ADDR:88/89 HEX]
PIP
VIDEO PROCESSOR

P101 10P
P102 12P
P501 14P
P502 12P
P503 14P

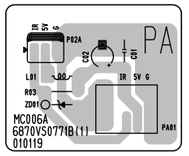
SIDE AV(32Q80)



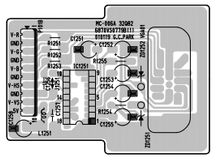
SWITCH,TACT(32Q80)



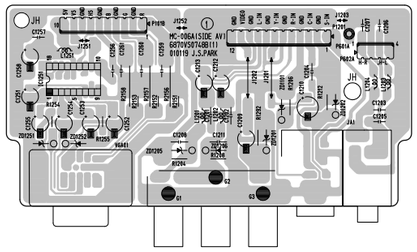
PRE-AMP(32Q80)



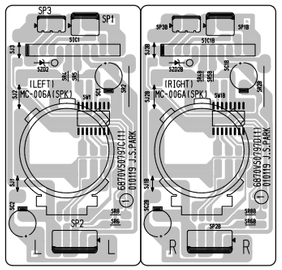
VGA(32Q80)



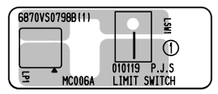
SIDE AV(29Q30)



CRT(29Q30)



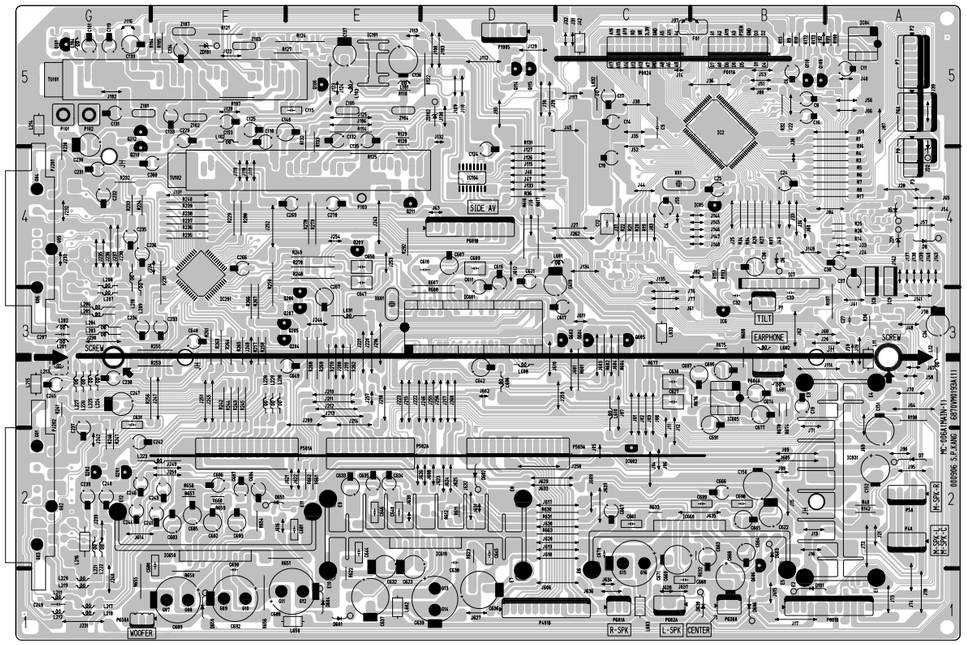
LIMIT SWITCH(29Q30)



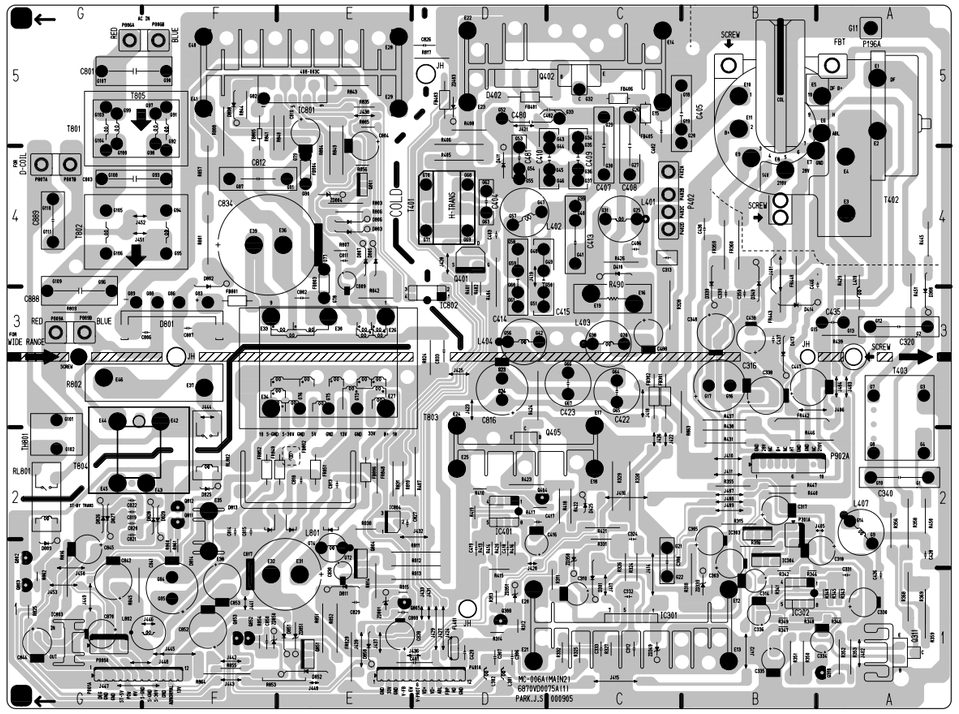
Service Sheet of MC-006A
P/N: 3854VA0075A-S2(1/2)
2001.02.01

PRINTED CIRCUIT BOARD

MAIN



MAIN 2



COMPONENT LOCATION GUIDE

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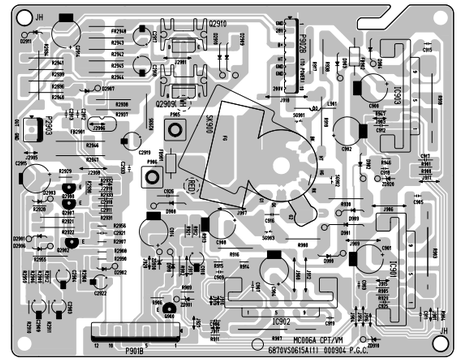
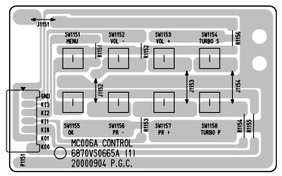
CPT



SWITCH TACT



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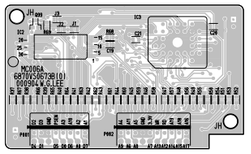

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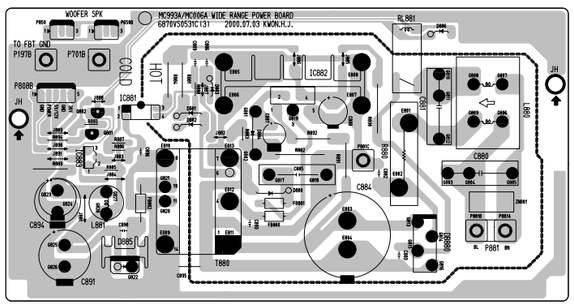

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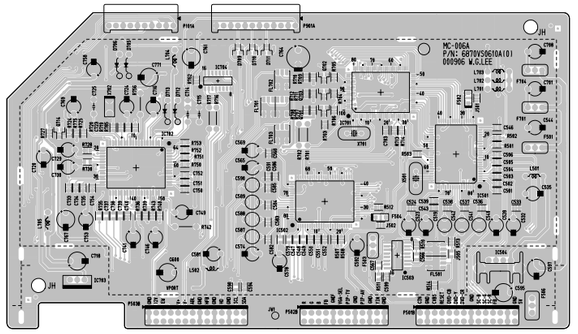

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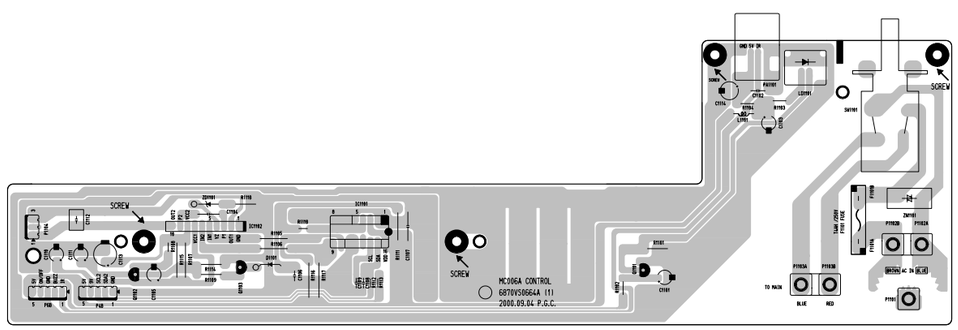

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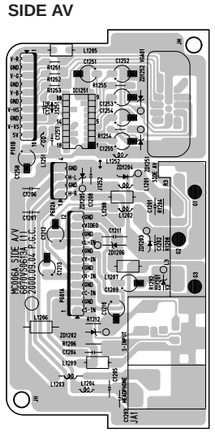

Service Sheet of MC-006A
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2001.02.01

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3854VA0075A-S2

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