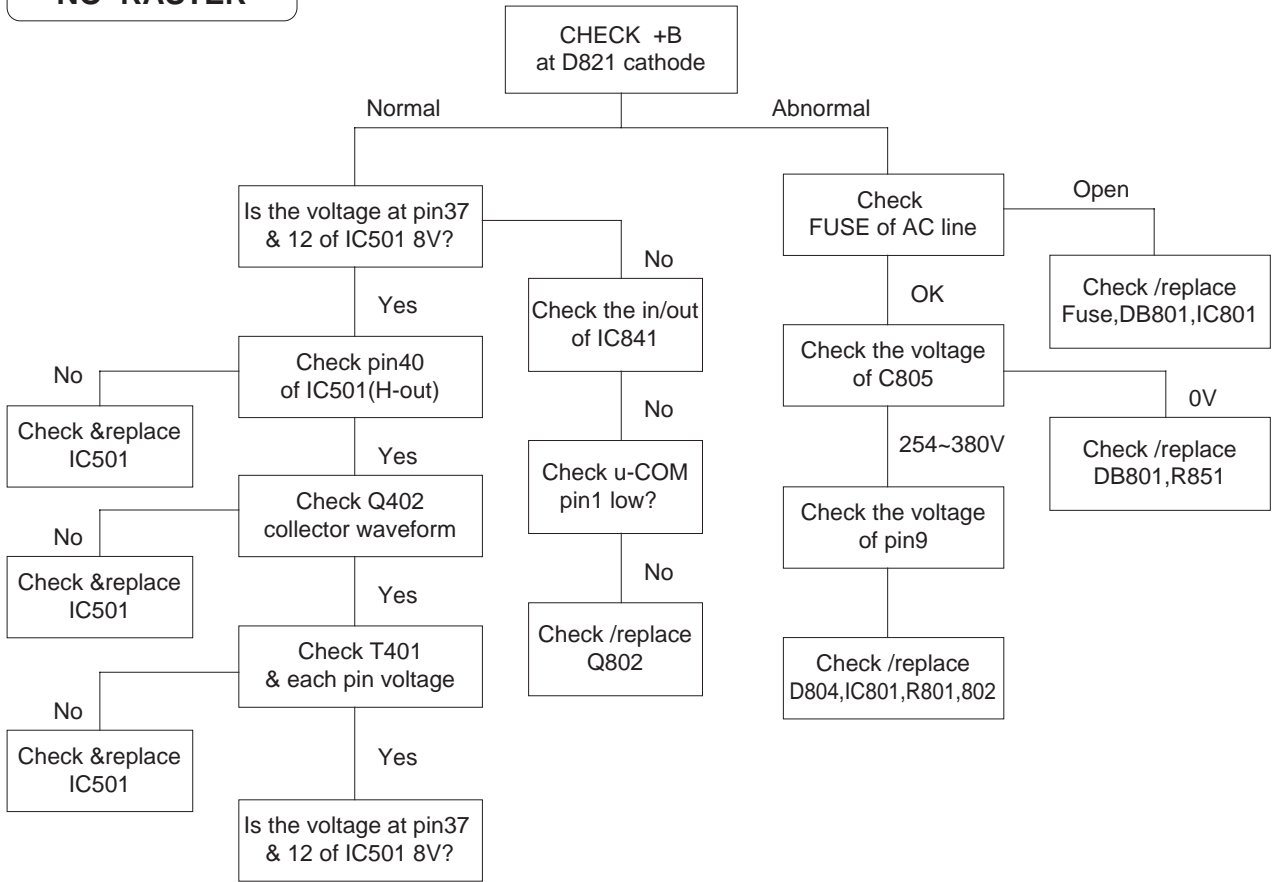
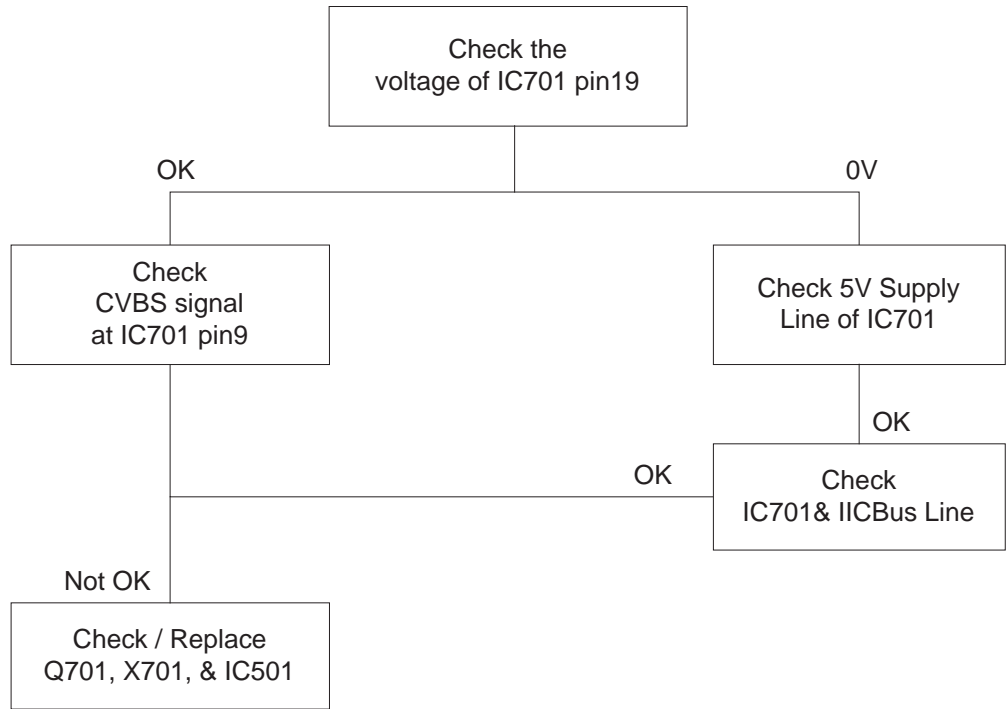


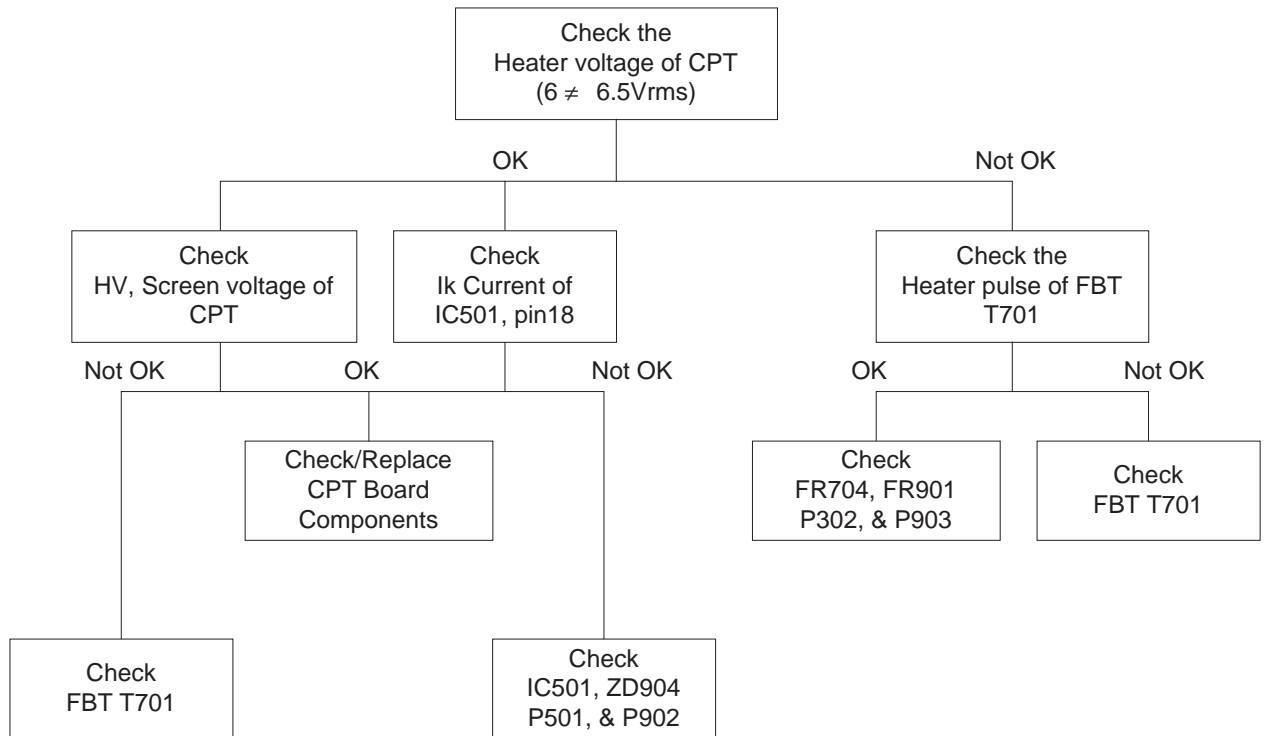
**NO RASTER**



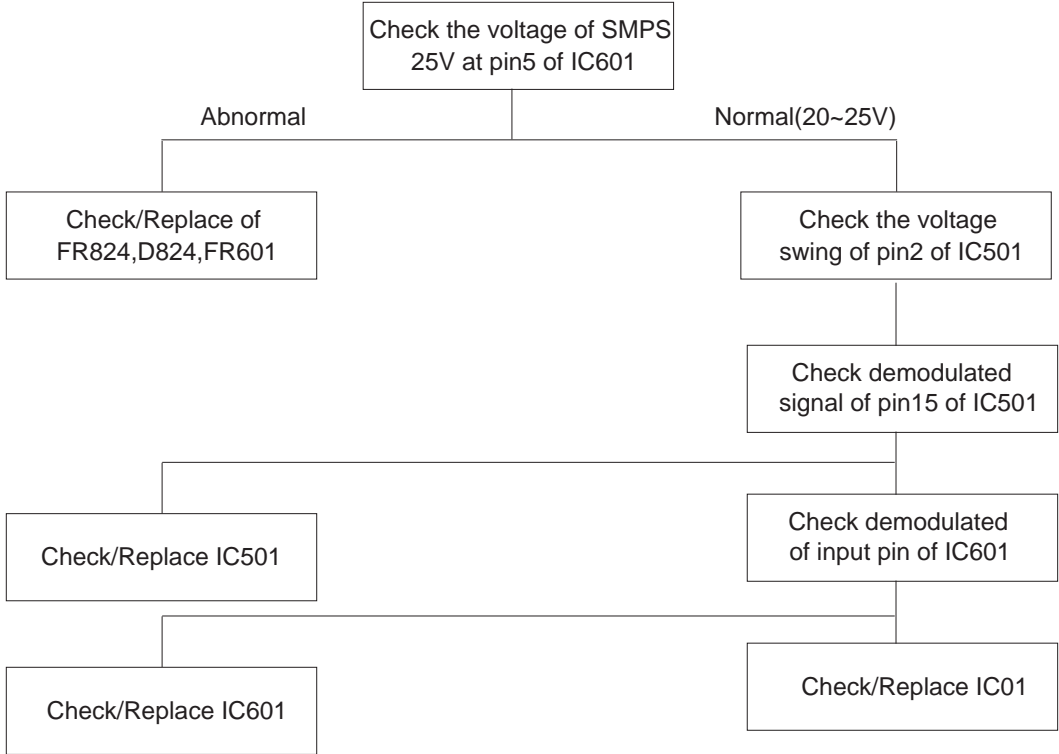
**NO TELETEXT**



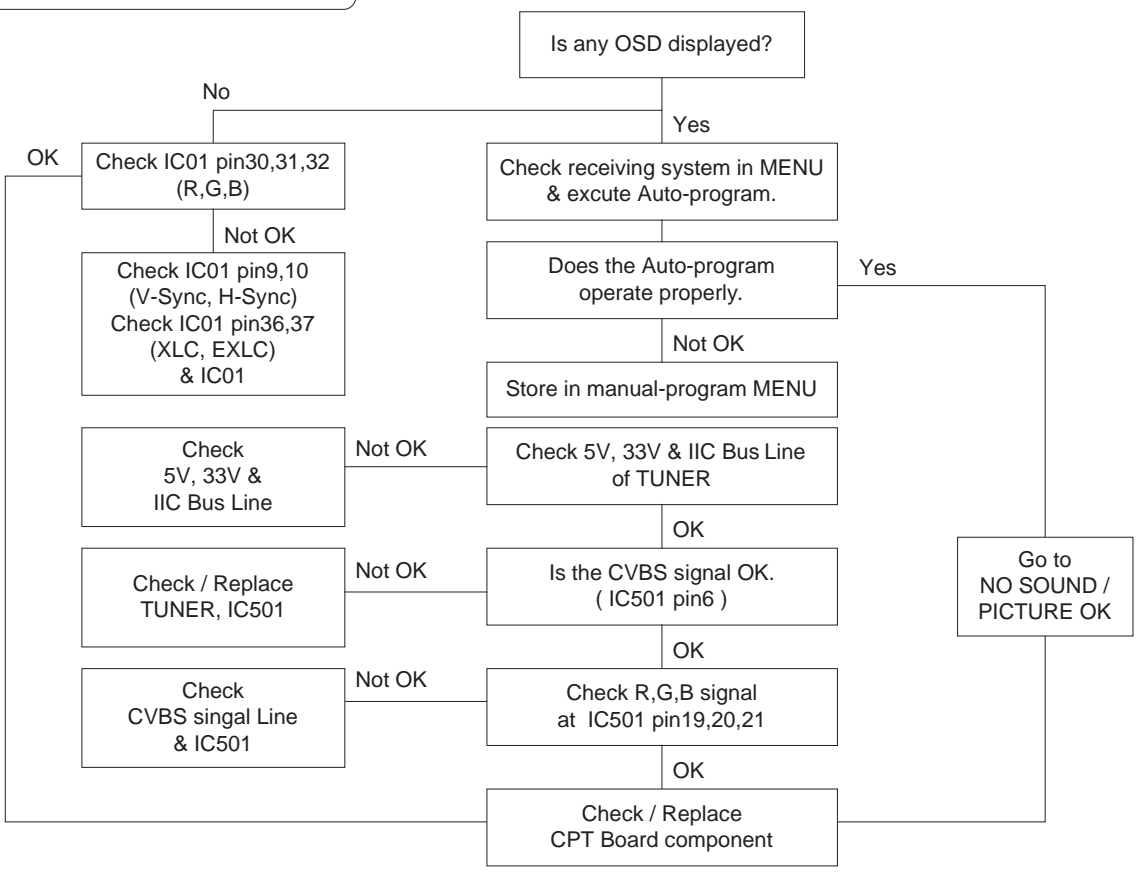
**NO RASTER / SOUND OK**



**NO SOUND / PICTURE OK**



**NO PICTURE / NO SONUD**



# ADJUSTMENT

## ■ 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. But this is changeable in view of productivity.
5. Unless otherwise noted, set the line voltage to 230Vac±10%, 50/60Hz.

## ■ Test Equipment required

1. Multimeter (volt meter)
2. Oscilloscope

### • RF AGC (Automatic Gain Control) Adjustment

Test Point	: AGC TP (J05)
Adjust	: Remote Control

The RF AGC was aligned at the time of manufacture for optimum performance over a wide range conditions. Readjustment of RF AGC should not be necessary unless unusual local conditions exist, such as ;

- 1) Channel interference in a CATV system.
- 2) Picture bending and/or color beats, which are unusually due to excessive RF signal input when the receiver is too close to a transmitting tower or when the receiver is connected to an antenna distribution system where the RF signal has been amplified. In this case, the input signal should be attenuated (with pad or filter) to a satisfactory level.
- 3) Picture noise caused by "broadcast noise" or weak signal. If the broadcast is "clean" and the RF signal is at least 1mV (60dBu), the picture will be noise free in any area.

Adjusting RF AGC to one end of rotation will usually cause a relatively poor signal to noise ratio; Adjusting to the other end of rotation will usually cause a degradation of over load capabilities resulting in color beats or adjacent channel interference.

### Adjustment

1. Connect RF signal (65dB±0.2dB) and turn on the TV.
  - \* Standard adjustment Channel
  - EU 05 Ch. (f<sub>rf</sub> = 175.25MHz) : CK, CL, CB
  - EU 41 Ch. (f<sub>rf</sub> = 631.25MHz) : CI
2. Press OK buttons on TV set and Remote Controller at the same time to get into SVC-0 mode.
3. Press Channel UP/DOWN button on the Remote Controller several times to find AGC??.
4. Press Volume UP/DOWN button until the AGC Voltage is the same as the Table below.
5. Press OK(■) button to memorize the data.

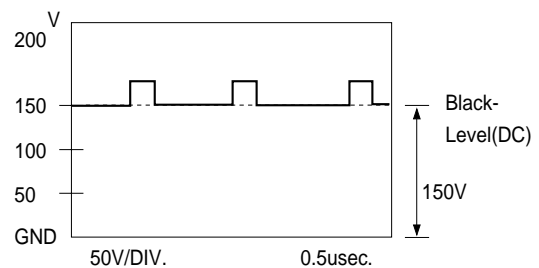
Model	CK-	CL-
System	PAL/SECAM-B/G,D/K	PAL/SECAM-B/G,LL'
Tuner P/N	6700VPF005B	6700VPF005A
Marker	LGEC	LGEC
AGC Voltage	2.3± 0.1V	2.3± 0.1V

Model	CB-	CI-
System	PAL-B/G	PAL-I/I
Tuner P/N	6700VPF005B	6700VPF005A
Marker	LGEC	LGEC
AGC Voltage	2.3± 0.1V	2.1± 0.1V

### • Screen Voltage Adjustment

Test Point	: RK (Red Cathode of CPT Board)
Adjust	: Screen Control of FBT

- 1) Press TV/AV Key to get AV Mode.
- 2) Connect the probe of oscilloscope to the RK (Red Cathode) of CPT Board.
- 3) Adjust Screen Volume of FBT so that the waveform is the same as below figure.



The waveform of AV Mode

### • Focus Adjustment

**NOTE:** This adjustment should be performed after warming up for 10 minutes.

Test Point	: Observing Display
Adjust	: Focus control of FBT

- 1) Tune the TV set to receive an inactive channel station.
- 2) Adjust the Focus control of FBT for best overall focus.

• **Deflection Data Adjustment (Line SVC-1)**

**NOTE:** To enter SVC mode, press "OK" buttons on both TV set and the Remote control at the same time.

**1. Preparation for Deflection Adjustment**

- 1) At SVC mode, press the Yellow colored button.  
If the Remote Controller doesn't have the Yellow button, you should use a Service Remote Control (105-201G) and press SVC button.  
And then, deflection data adjustment OSD (SVC1 mode) will be displayed.
- 2) Press Channel UP/DOWN button for desirous function Adjustment.
- 3) Press Volume UP/DOWN button to adjust the data.

**2. Deflection Adjustment Procedure**

- 1) Vertical Adjustment**  
Slect VS and adjust until the mechanical center of CPT and that of screen coincides and select VA and adjust to coincide the inner circle of screen with outer frame of CPT.
- 2) Horizontal Adjustment**  
Select HS and adjust until the mechanical center of CPT and that of screen coincides.
- 3) Vertical S Correction Adjustment**  
Select SC and adjust until top-bottom side pincushion are equal.
- 4) Press OK(■) button to memorize the data.

**3. Deflection Initial Setup Data**

Status	Default	21" SEB	20" SEB
VL	38	38	38
VS	23	23	19
VA	40	40	36
HS	30	30	32
SC	11	11	11

• **White Balance Adjustment.(LINE SVC-0)**

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

- 1) Tune the TV set to receive an 100% white pattern.
- 2) Press OK(■) buttons on TV set and remote controller at the same time to get into SVC mode.
- 3) Press PSM(RED) button on remote controller. (Standard picture)
- 4) Press Channel UP/DOWN button for desirous function adjustment.
- 5) Adjust VOL+ or VOL- button for GG031.
- 6) Adjust VOL+ or VOL-button in each status of "Rg-"/"Bg--" for X=293±8, Y=295±8 with color analyzer.
- 7) Press OK(■) button to memorize the adjustment data.

Status	Adjustment	Range	Initial Data	Remark
RG	R-Drive	0~63	28	
GG	G-Drive	0~63	31	
BG	B-Drive	0~63	25	

• **OPTION Adjustment (SVC MODE:OPTION-1, OPTION-2)**

**NOTE:** When the EEPROM has been replaced, the Option data should be restored as the function of individual system and specification.

- 1) Press OK buttons on both TV set and Remote Controller at the same time to get into SVC mode.
- 2) Press the Yellow button several times to find OPTION-1 or OPTION-2.
- 3) Input the correspond OPTION data referring to Table below with the numeric buttons 0~9.

**Table 1. OPTION 1 Function**

Option	Code	Function	Remark
SYSTEM	00	B+L (BG+LL')	CL-Model
	01	B+D (BG+DK)	CK-Model
	10	BG	CB-Model
	11	II	CI-Model
HOTEL	0	W/O HOTEL	for BUYER'S request
	1	For HOTEL	
ACMS	0	ACMS Off	
	1	ACMS On	
TOP	0	TOP Off	
	1	TOP On	
AV 2	0	AV 2 Off	
	1	AV 2 On	

**Table 2. Specifications for OPTION-1 data**

OPTION Data	SYSTEM	HOTEL	ACMS	TOP	AV 2
0	00	0	0	0	0
1	00	0	0	0	1
2	00	0	0	1	0
3	00	0	0	1	1
4	00	0	1	0	0
5	00	0	1	0	1
6	00	0	1	1	0
7	00	0	1	1	1
8	00	1	0	0	0
9	00	1	0	0	1
10	00	1	0	1	0
11	00	1	0	1	1
12	00	1	1	0	0
13	00	1	1	0	1
14	00	1	1	1	0
15	00	1	1	1	1
16	01	0	0	0	0
17	01	0	0	0	1
18	01	0	0	1	0
19	01	0	0	1	1

OPTION Data	SYSTEM	SCART	EYE	UBB	AV2
20	01	0	1	0	0
21	01	0	1	0	1
22	01	0	1	1	0
23	01	0	1	1	1
24	01	1	0	0	0
25	01	1	0	0	1
26	01	1	0	1	0
27	01	1	0	1	1
28	01	1	1	0	0
29	01	1	1	0	1
30	01	1	1	1	0
31	01	1	1	1	1
32	10	0	0	0	0
33	10	0	0	0	1
34	10	0	0	1	0
35	10	0	0	1	1
36	10	0	1	0	0
37	10	0	1	0	1
38	10	0	1	1	0
39	10	0	1	1	1
40	10	1	0	0	0
41	10	1	0	0	1
42	10	1	0	1	0
43	10	1	0	1	1
44	10	1	1	0	0
45	10	1	1	0	1
46	10	1	1	1	0
47	10	1	1	1	1
48	11	0	0	0	0
49	11	0	0	0	1
50	11	0	0	1	0
51	11	0	0	1	1
52	11	0	1	0	0
53	11	0	1	0	1
54	11	0	1	1	0
55	11	0	1	1	1
56	11	1	0	0	0
57	11	1	0	0	1
58	11	1	0	1	0
59	11	1	0	1	1
60	11	1	1	0	0
61	11	1	1	0	1
62	11	1	1	1	0
63	11	1	1	1	1

**Table 3. OPTION 2 Function**

Option	Code	Function	Remark
Language	0	OSD Lang. (14)	
	1	OSD Lang. (5)	
D/K NICAM	0	D/K NICAM Off	STEREO Option
	1	D/K NICAM System	
GAME	0	W/O GAME	
	1	With GAME function	
EYE	0	EYE Off	
	1	EYE On	
TUNER1	0	LGEC TUNER	
	1	PHILIPS TUNER	

**Table 4. Specifications for OPTION-2 data**

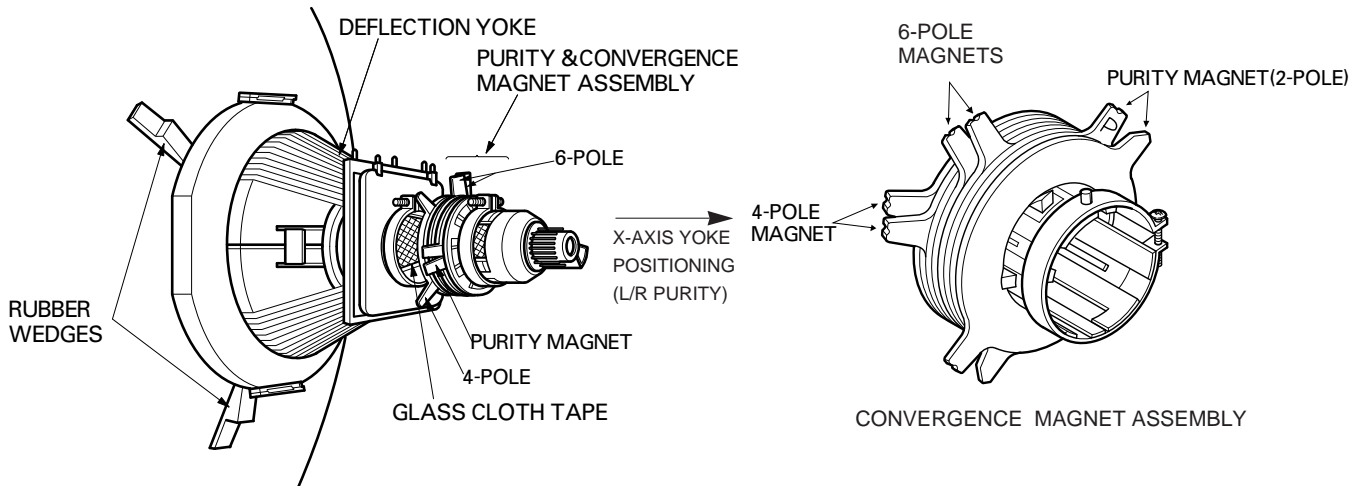
OPTION Data	Lang.	D/K NICAM	GAME	EYE	TUNER1
0	0	0	0	0	0
1	0	0	0	0	1
2	0	0	0	1	0
3	0	0	0	1	1
4	0	0	1	0	0
5	0	0	1	0	1
6	0	0	1	1	0
7	0	0	1	1	1
8	0	1	0	0	0
9	0	1	0	0	1
10	0	1	0	1	0
11	0	1	0	1	1
12	0	1	1	0	0
13	0	1	1	0	1
14	0	1	1	1	0
15	0	1	1	1	1
16	1	0	0	0	0
17	1	0	0	0	1
18	1	0	0	1	0
19	1	0	0	1	1
20	1	0	1	0	0
21	1	0	1	0	1
22	1	0	1	1	0
23	1	0	1	1	1
24	1	1	0	0	0
25	1	1	0	0	1
26	1	1	0	1	0
27	1	1	0	1	1
28	1	1	1	0	0
29	1	1	1	0	1
30	1	1	1	1	0
31	1	1	1	1	1

# PURITY & CONVERGENCE ADJUSTMENT

## Caution:

Convergence and Purity have been factory aligned. Do not attempt to tamper with these alignments. However, the effects of adjacent receiver components, or replacement of picture tube or deflection yoke may require the need to readjust purity any convergence.

5. Reconnect the internal degaussing coil.
6. Position the beam bender locking rings at the 9 o'clock position and the other three pairs of tabs (2,4 and 6 pole magnets) at the 12 o'clock position.



## ■ Purity Adjustment

This procedure DOES NOT apply to bonded yoke and picture tube assemblies.

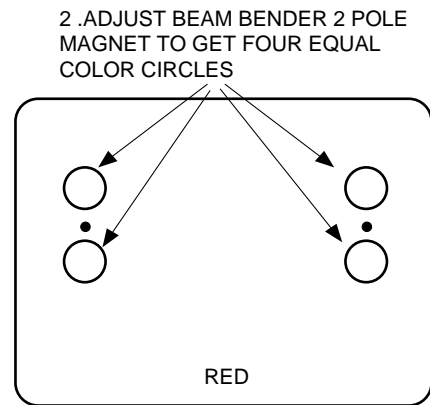
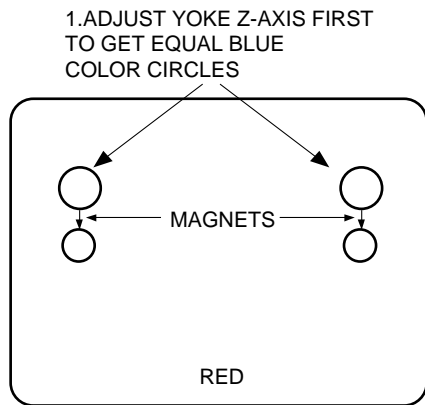
The instrument should be at room temperature (60 degrees F or above) for six (6) hours and be operating at low beam current (dark background) for approximately 20 to 30 minutes before performing purity adjustments.

**CAUTION:** Do not remove any trim magnets that may be attached to the bell of the picture tube.

1. Remove the AC power and disconnect the internal degaussing coil.
2. Remove the yoke from the neck of the picture tube.
3. If the yoke has the tape version beam bender, remove it and replace it with a adjustable type beam bender (follow the instructions provided with the new beam bender)
4. Replace the yoke on the picture tube neck, temporarily remove the three (3) rubber wedges from the bell of the picture tube and then slide the yoke completely forward.

7. Perform the following steps, in the order given, to prepare the receiver for the purity adjustment procedure.
  - a. Face the receiver in the "magnetic north" direction.
  - b. Externally degauss the receiver screen with the television power turned off.
  - c. Turn the television on for approximately 10 seconds to perform internal degaussing and then turn the TV off.
  - d. Unplug the internal degaussing coil. This allows the thermistor to cool down while you are performing the purity adjustment. DO NOT MOVE THE RECEIVER FROM ITS "MAGNETIC NORTH" POSITION.
  - e. Turn the receiver on and obtain a red raster by increasing the red bias control (CW) and decreasing the bias controls for the remaining two colors (CCW).
  - f. Attach two round magnets on the picture tube screen at 3 o'clock and 9 o'clock positions, approximately one (1) inch from the edge of the mask (use double-sided tape).





8. Referring to above, perform the following two steps:
  - a. Adjust the yoke Z-axis to obtain equal blue circles.
  - b. Adjust the appropriate beam bender tabs to obtain correct purity (four equal circles).
9. After correct purity is set, tighten the yoke clamp screw and remove the two screen magnets.
10. Remove the AC power and rotate the receiver 180 degrees (facing "magnetic south").
11. Reconnect the internal degaussing coil.
12. Turn the receiver on for 10 seconds (make sure the receiver came on) to perform internal degaussing, and then turn the receiver off.
13. Unplug the internal degaussing coil.
14. Turn on the receiver and check the purity by holding one (1) round magnet at the 3 o'clock and a second round magnet at 9 o'clock position. If purity is not satisfactory, repeat steps 8 through 14.
15. Turn off the receiver and reconnect the internal degaussing coil.

## ■ Convergence Adjustment

**Caution:** This procedure DOES NOT apply to bonded yoke and picture tube assemblies.  
Do not use screen magnets during this adjustment procedure. Use of screen magnets will cause an incorrect display.

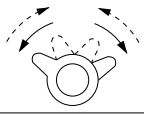
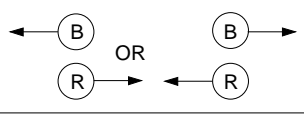
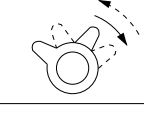
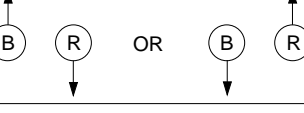
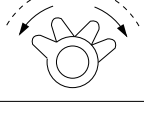
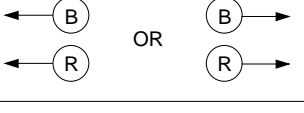
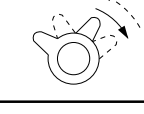
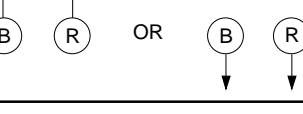
1. Remove AC power and disconnect the internal degaussing coil.
2. Apply AC Power and set the brightness to the Picture Reset condition. Set the Color control to minimum.
3. Apply 8V to the pin42 of IC501.
4. Adjust the Red, Green and Blue Bias controls to get a dim white line.
5. Remove the AC power and 8V from the pin42 of IC501.

6. Reconnect the internal degaussing coil and apply AC power.
7. Turn the receiver on for 10 seconds to perform internal degaussing and then turn the receiver off again.
8. Unplug the internal degaussing-coil.
9. Turn on the receiver, connect a signal generator to the VHF antenna terminal and apply a crosshatch signal.

**Caution:** During the convergence adjustment procedure, be very careful not to disturb the purity adjustment tabs are accidentally move, purity should be confirmed before proceeding with the convergence adjustments.

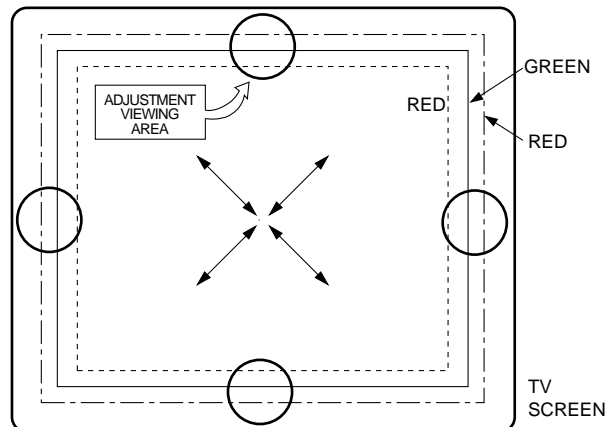
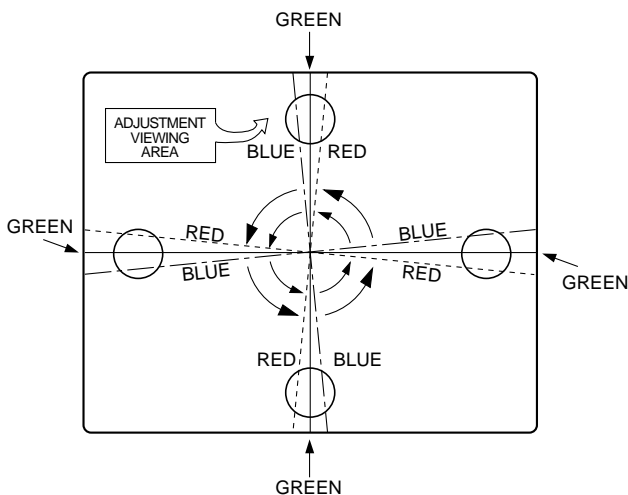
**Note:** Make sure the focus is set correctly on this instrument before proceeding with the following adjustment.

10. Converge the red and blue vertical lines to the green vertical line at the center of the screen by performing the following steps (below TABLE).
  - a. Carefully rotate both tabs of the 4-pole ring magnet simultaneously in opposite directions from the 12 o'clock position to converge the red and blue vertical lines.
  - b. Carefully rotate both tabs of the 6-pole ring magnet simultaneously in opposite directions from the 12 o'clock position to converge the red and blue (now purple) vertical lines with the green vertical line.
11. Converge the red and blue horizontal with the green line at the center of the screen by performing the following steps. (below TABLE)
  - a. Carefully rotate both tabs of the 4-pole ring magnet simultaneously in the same direction (keep the spacing between the two tabs the same) to converge the red and blue horizontal lines.
  - b. Carefully rotate both tabs of the 6-pole ring magnet simultaneously in same direction (keep the spacing between the two tabs the same) to converge the red and blue (now purple) horizontal lines with the green horizontal line.
  - c. Secure the tabs previously adjusted by locking them in place with the locking tabs on the beam bender.

RING PAIRS	ROTATION DIRECTION OF BOTH TABS	MOVEMENT OF RED AND BLUE BEAMS
4 POLE	 OPPOSITE	
	 SAME	
6 POLE	 OPPOSITE	
	 SAME	

UP/DOWN ROCKING OF THE YOKE CAUSES OPPOSITE ROTATION OF RED AND BLUE RASTERS

LEFT/RIGHT ROCKING OF THE YOKE CAUSES OPPOSITE SIZE CHANGE OF THE RED AND BLUE RASTERS

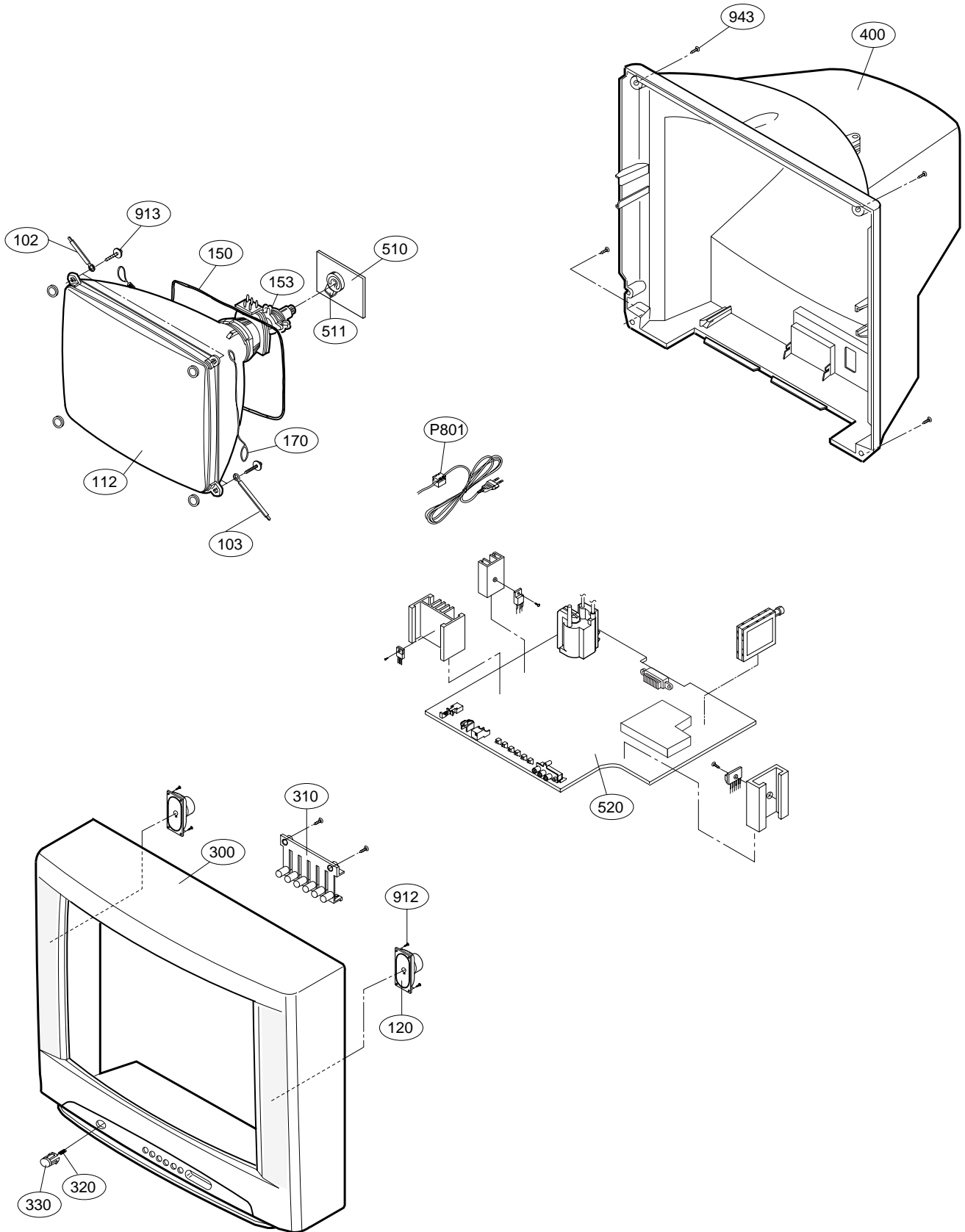


12. While watching the 6 o'clock positions on the screen, rock the front of the yoke in a vertical (up/down) direction to converge the red and blue vertical lines. (Fig upper left)
13. Temporarily place a rubber wedge at the 12 o'clock position to hold the vertical position of the yoke.
14. Check the 3 o'clock and 9 o'clock areas to confirm that the red and blue horizontal lines are converged.  
If the lines are not converged, slightly offset the vertical tilt of the yoke (move the rubber wedge if necessary) to equally balance the convergence error of the horizontal lines at 3 o'clock and 9 o'clock and the vertical lines at 6 o'clock and 12 o'clock.
15. Place a 1.5 inch piece of glass tape over the rubber foot at the rear of the 12 o'clock wedge.
16. While watching the 6 o'clock and 12 o'clock areas of the screen, rock the front of the yoke in the horizontal (left to right) motion to converge the red and blue horizontal lines. (Fig. upper right)
17. Temporarily place a rubber wedge at the 5 o'clock and 7 o'clock positions to hold the horizontal position of the yoke.
18. Check the 3 o'clock and 9 o'clock areas to confirm that the red and blue vertical lines are converged. If the lines are not converged, slightly offset the horizontal tilt of the yoke (move the temporary rubber wedges if necessary) to equally balance the convergence error of the horizontal lines at 6 o'clock and 12 o'clock and the vertical lines at 3 o'clock and 9 o'clock.
19. Using a round magnet confirm purity at the center, right and left sides and corners. See Purity Adjustment Procedure.
20. Reconfirm convergence and apply a 1.5 inch piece of glass tape over the rubber foot at the rear of the 5 o'clock and the 7 o'clock wedges.





# EXPLODED VIEW



# EXPLODED VIEW PARTS LIST

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

LOCA. NO	PART NO	DESCRIPTIONS	LOCAL
102	341-721E	HOLDER,D-COIL(FOR SAFA,L=65)	
103	341-721F	HOLDER,D-COIL(FOR SAFA,L=130)	
$\Delta$ 112	112-C21G	CPT SET,A51EER131X29	
	112-C20S	CPT SET,A48ECR141X 20"	
120	120-C93J	SPEAKER,C091P06K145B 16 OHM	
$\Delta$ 150	150-D02N	COIL,DEGAUSSING,CU 21" 60T 12OHM	
	150-D02M	COIL,DEGAUSSING,CU 20" 60T	
$\Delta$ 170	170-A01K	CPT EARTH	
	170-A01D	CPT EARTH 20"	
300	3106V00027Q	CABINET ASSY,CK-21T20X	
	3106V00027S	CABINET ASSY,CB-21T20X	
	3106V00038N	CABINET ASSY,CB-20T20X	
	3091V00202C	CABINET ASSY,CB-20T20S SILVER COLOR	
	3091V00201C	CABINET ASSY,CB-21T20S SILVER COLOR	
310	5020V00070J	BUTTON,CONTROL	
320	320-070G	SPRING,COIL	
330	5020V00071D	BUTTON,POWER	
400	3809V00028K	COVER ASSY,BACK	
520	3141VMN430F	CHASSIS ASSY,MAIN[7,21,04]	<b>MA</b>
	3141VMN443F	CHASSIS ASSY,MAIN[7,39,04] *CB-21T20X/S	<b>MA</b>
	3141VMN443G	CHASSIS ASSY,MAIN[7,39,04] *CB-20T20X/S	<b>MA</b>
912	1PRF0302816	SCREW,TAP TITE D3 L12	
913	332-057B	SCREW ASSY,HEXAGON HEAD	
943	1PTF0403116	SCREW TAP TITE D4.0 L16.0	
$\Delta$ P801	174-009E	CORD,POWER(W/HOLD,HOUSING,L=200,4.0	

## ADDRESS

LG Electronics Mlawa Sp.Z.O.O  
ul. Instalatorow 3 06-510  
Mlawa Poland

TEL : 48-23-654-5948  
FAX : 48-23-654-3259

We are supposed to supply the local parts for CTV spares to you from Poland.  
In case of the local parts marked with "MA" on your SERVICE MANUAL,  
please place an order to the above address in Poland.

# REPLACEMENT PARTS LIST

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

For Capacitor & Resistors, the characters at 2nd and 3rd digit in the P/No. means as follows;  
CC, CX, CK, CN : Ceramic

CQ : Polyester  
CE : Electrolytic

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

LOCA. NO	PART NO	DESCRIPTION
<b>IC</b>		
IC01	0ISO881819A	IC, LG8818-19A(CXP86441-533S) 52SD
IC02	0IAL241600B	IC, AT24C16-10PC 8D EEPROM 16K
IC03	0ISS754200A	IC, KA7542Z RESET TO92 TP 4.2V
IC201	0ISG405200B	IC, HCF4052BE 16P DIP
IC301	0IPH835150A	IC, TDA8351/N5 9P, SIP BK V/OUT(W/O
IC901	0IPH610700A	IC, TDA6107Q SIP9 BK VIDEO OUT AMP
IC501	0IPH884212A	IC, TDA8842(S1)/N2 56P, SDIP BK MUL
"	0IPH884112A	IC, TDA8841(S1)/N2 56P PAL B/G
IC604	0ITF448800A	IC, U4488B 16DIP BK SIF+AM DEMODUL
IC601	0ISG200600A	IC, TDA2006 5Z 1CHX10W AUDIO AMP.
IC701	0IPH528100H	IC, SAA5281ZP/H 52SDIP BK TXT DECO
"	0IPH528100F	IC, SAA5281ZP/E 52P SDIP WEST TXT
IC801	0ISK570700A	IC, STR/S5707(LF.953) 9P SMPS-CNTR
$\Delta$ IC802	0ISH123200B	IC, PC123 FY2PHOTO COUPLER
IC803	0ISS780500J	IC, KA78L05AZ TO-92 TP 5V REGULATO
IC804	0ISS780800H	IC, KA78R08 4P, TO-220F BK LOW DROP
IC805	0IKE780500K	IC, KIA7805PI 3P(TO-220IS) 5V, 1A
<b>DIODE</b>		
D101	0DD414809ED	DIODE, 1N4148 TA
D301	0DD414809ED	DIODE, 1N4148 TA
D402	0DD150009CA	DIODE, RECTIFIER RGP15J
D403	0DD414809ED	DIODE, 1N4148 TA
D501	0DD414809ED	DIODE, 1N4148 TA
D502	0DD414809ED	DIODE, 1N4148 TA
D503	0DD414809ED	DIODE, 1N4148 TA
D504	0DD414809ED	DIODE, 1N4148 TA
D505	0DD414809ED	DIODE, 1N4148 TA
D506	0DD414809ED	DIODE, 1N4148 TA
D507	0DD859009AA	DIODE, SILICON MA859
D508	0DD859009AA	DIODE, SILICON MA859
D509	0DD859009AA	DIODE, SILICON MA859
D510	0DD859009AA	DIODE, SILICON MA859
D602	0DD414809ED	DIODE, 1N4148 TA
D701	0DD414809ED	DIODE, 1N4148 TA
D702	0DD414809ED	DIODE, 1N4148 TA
D703	0DD414809ED	DIODE, 1N4148 TA
D704	0DD414809ED	DIODE, 1N4148 TA
D741	0DD060009AC	DIODE, TVR06J 0.6A/600V 250NS
D742	0DD200009AH	DIODE, RECTIFIER RU2AMV(1)
D743	0DD060009AC	DIODE, TVR06J 0.6A/600V 250NS
D744	0DD414809ED	DIODE, 1N4148 TA
D802	0DD100009AM	DIODE, RECTIFIER EU1ZV(1)
D803	0DD060009AC	DIODE, TVR06J 0.6A/600V 250NS
D804	0DD060009AC	DIODE, TVR06J 0.6A/600V 250NS
D805	0DD060009AC	DIODE, TVR06J 0.6A/600V 250NS
D806	0DD100009AM	DIODE, RECTIFIER EU1ZV(1)

LOCA. NO	PART NO	DESCRIPTION
D821	0DD300009AC	DIODE, RECTIFIER RU3AMV(1)
D823	0DD200009AH	DIODE, RECTIFIER RU2AMV(1)
D824	0DD150009CA	DIODE, RECTIFIER RGP15J
D827	0DD060009AC	DIODE, TVR06J 0.6A/600V 250NS
D901	0DD400309AD	DIODE, RECTIFIER IN4003A
D902	0DR210009AA	DIODE, RECTIFIER BAV21
D903	0DR210009AA	DIODE, RECTIFIER BAV21
D904	0DR210009AA	DIODE, RECTIFIER BAV21
DB801	0DD260000BD	DIODE, BRIDGE D2SBA60
LD01	0DD000000BA	DIODE, RECTIFIER LAMP
ZD01	0DZ560009CF	DIODE, ZENER MTZJ5.6B TP ROHM-K
ZD101	0DZ560009CF	DIODE, ZENER MTZJ5.6B TP ROHM-K
ZD102	0DZ330009DF	DIODE, ZENER MTZJ33B TP ROHM-K
ZD231	0DZ120009AF	DIODE, ZENER MTZJ12B TP ROHM-K
ZD501	0DZ180009AG	DIODE, ZENER MTZJ18B TP ROHM-K
ZD741	0DZ820009AH	DIODE, ZENER MTZJ8.2B TP ROHM-K
ZD742	0DZ820009AH	DIODE, ZENER MTZJ8.2B TP ROHM-K
ZD801	0DZ680009BB	DIODE, ZENER MTZJ6.8B TP ROHM-K
ZD904	0DZ750009AG	DIODE, ZENER MTZJ7.5B TP ROHM-K
<b>TRANSISTOR</b>		
Q01	0TR387500AA	TR, CHIP 2SC3875S(ALY) KEC
Q02	0TR102009AG	TR, CHIP KRC102S SOT-23 TP KEC
Q04	0TR102009AG	TR, CHIP KRC102S SOT-23 TP KEC
Q51	0TR945009AA	TR, KSC945C-Y TP SAMSUNG
Q201	0TR387500AA	TR, CHIP 2SC3875S(ALY) KEC
Q202	0TR387500AA	TR, CHIP 2SC3875S(ALY) KEC
Q203	0TR387500AA	TR, CHIP 2SC3875S(ALY) KEC
Q231	0TR150400BA	TR, CHIP 2SA1504S(ASY) KEC
Q252	0TR387500AA	TR, CHIP 2SC3875S(ALY) KEC
Q401	0TR320709AA	TR, KTC3207, TP(KTC2482), KEC
Q402	0TR249900AA	TR, KTD2499 TO-3P(H)IS TOSHIBA
Q501	0TR387500AA	TR, CHIP 2SC3875S(ALY) KEC
Q502	0TR150400BA	TR, CHIP 2SA1504S(ASY) KEC
Q503	0TR150400BA	TR, CHIP 2SA1504S(ASY) KEC
Q504	0TR387500AA	TR, CHIP 2SC3875S(ALY) KEC
Q505	0TR387500AA	TR, CHIP 2SC3875S(ALY) KEC
Q510	0TR150400BA	TR, CHIP 2SA1504S(ASY) KEC
Q512	0TR387500AA	TR, CHIP 2SC3875S(ALY) KEC
Q541	0TR387500AA	TR, CHIP 2SC3875S(ALY) KEC
Q542	0TR387500AA	TR, CHIP 2SC3875S(ALY) KEC
Q601	0TR102009AG	TR, CHIP KRC102S SOT-23 TP KEC
Q701	0TR387500AA	TR, CHIP 2SC3875S(ALY) KEC
Q801	0TR102709AA	TR, KTC1027-Y (KTC2235) TP KEC
Q802	0TR120209AD	TR, KSR1202 TP SAMSUNG TO92S
Q804	0TR945009AA	TR, KSC945C-Y TP SAMSUNG
Q805	0TR320209AA	TR, KTC3202-TP-Y (KTC1959)KEC
<b>CAPACITOR</b>		
C02	0CE475DK618	4.7000UF STD 50V M
C08	0CE225DK618	2.2000UF STD 50V M

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LOCA. NO	PART NO	DESCRIPTION
C09	0CE106DF618	10UF STD 16V M
C11	0CE106DF618	10UF STD 16V M
C12	0CE335DK618	3.3000UF STD 50V M
C20	0CE107DF618	100UF STD 16V M
C22	0CN2230H949	22000P 25V Z
C23	0CE104DK618	0.1000UF STD 50V M
C81	0CE476DF618	47UF STD 16V M
C101	0CE475DK618	4.7000UF STD 50V M
C104	0CE226DF618	22UF STD 16V M
C105	0CE476DK618	47UF STD 50V M
C106	0CN1040K949	0.1M 50V Z F TA52
C107	0CN2230H949	22000P 25V Z FTA52
C201	0CE225DK618	2.2000UF STD 50V M
C202	0CE225DK618	2.2000UF STD 50V M
C203	0CE2251K636	2.2000UF SM 50V M
C205	0CE476DF618	47UF STD 16V M
C207	0CE106DF618	10UF STD 16V M
C208	0CE475DK618	4.7000UF STD 50V M
C233	0CE227DF618	220UF STD 16V M
C252	0CE475DK618	4.7000UF STD 50V M
C301	0CN1010K519	100P 50V K B TA52
C302	0CN1040K949	0.1M 50V Z F TA52
C303	0CE226DN618	22UF STD 100V M
C304	0CE476DN618	47UF STD 100V M
C305	0CQ3321N509	0.0033U 100V K
C306	0CQ1041N509	0.1U 100V K
C307	0CQ1531N509	0.015U 100V K
C308	0CQ1031N509	0.01U 100V K
C401	181-013C	200V 0.39UF J
C403	0CK1020W515	1000P 500V K
C405	181-015P	1600V 0.0075UF H
"(20")	181-015H	1600V 0.0082UF H
C406	0CN3310K519	330P 50V K
C407	0CE225DP618	2.2000UF STD 160V M
C409	0CE105DP618	1UF STD 160V M
C410	0CE105DP618	1UF STD 160V M
C501	0CE476DF618	47UF STD 16V M
C502	0CE106DH618	10UF STD 25V M
C504	0CQ1041N509	0.1U 100V K
C507	0CE225DK618	2.2000UF STD 50V M
C510	0CE107DF618	100UF STD 16V M
C513	0CQ1042K439	0.1000UF S 50V J
C514	0CQ1042K439	0.1000UF S 50V J
C516	0CN2230H949	22000P 25V Z FTA52
C517	0CN2230H949	22000P 25V Z FTA52
C518	0CN2230H949	22000P 25V Z FTA52
C521	0CC2710K415	270P 50V J
C522	0CC2710K415	270P 50V J
C523	0CC6200K415	62PF 50V J NP0
"	0CQ1021N509	0.001U 100V K *PAL B/G
C524	0CQ4731N509	0.047U 100V K
"	0CQ1041N509	0.1U 100V K *PAL B/G

LOCA. NO	PART NO	DESCRIPTION
C526	0CE227DF618	220UF STD 16V M
C530	0CE225DK618	2.2000UF STD 50V M
C531	0CE104DK618	0.1000UF STD 50V M
C533	0CE105DK618	1UF STD 50V M
C538	0CQ1041N455	0.1000UF 100V J
C539	0CSZVTA001F	35V 0.68UFK
C543	0CE106DH618	10UF STD 25V M
C544	0CQ3342K439	0.3300UF S 50V J
C545	0CE224DK618	0.2200UF STD 50V M
C548	0CE684DK618	0.6800UF STD 50V M
C601	0CE475DK618	4.7000UF STD 50V M
C602	0CE108DJ618	1000UF STD 35V M
C603	0CQ3921N409	0.0039U 100V J
C604	0CE106DH618	10UF STD 25V M FL
C606	0CE475DK618	4.7000UF STD 50V
C608	0CQ1542K439	0.1500UF S 50V J
C614	0CE108DJ618	1000UF STD 35V M
C632	0CE106DK618	10UF STD 50V M
C661	0CE2251K636	2.2000UF SM 50V M
C691	0CN1030F679	10000P 16V M Y TA52
C692	0CE107DF618	100UF STD 16V M FL
C693	0CE475DK618	4.7000UF STD 50V M
C694	0CE475DK618	4.7000UF STD 50V M
C695	0CQ4721N509	0.0047U 100V K
C703	0CE107DD618	100UF STD 10V M
C705	0CX8R20K509	8.2P 50V K SL TA52
C707	0CQ1042K439	0.1000UF S 50V J
C708	0CQ1042K439	0.1000UF S 50V J
C709	0CQ1042K439	0.1000UF S 50V J
"	0CQ3342K439	0.33UF S 50V J *WEST TXT
C711	0CE476DF618	47UF STD 16V M FL
C712	0CE476DF618	47UF STD 16V M FL
C714	0CE106DH618	10UF STD 25V M FL
"	0CE107DF618	100UF STD 16V M FL *WEST TXT
C743	0CK4710W515	470PF 500V K B TR
C744	0CE106DR618	10UF STD 250V M
C745	0CK4710W515	470PF 500V K B TR
C746	0CE337BH618	330UF KME 25V M
C747	0CK4710W515	470PF 500V K B TR
C748	0CE476DN618	47UF STD 100V M
C749	181-009V	PP 200V 0.047UF K
C751	0CQ1031N509	0.01U 100V K
C801	0CK10201515	1000P 1KV K B TS
C802	0CK10201515	1000P 1KV K B TS
C803	0CK10201515	1000P 1KV K B TS
C804	0CK10201515	1000P 1KV K B TS
C805	181-001E	CE 400V 120UF M LUG (85)
C806	0CE107DH618	100UF STD 25V M FL TP5
C807	0CE106BN618	10UF KME 100V M FL TP5
C808	0CN1020K519	1000P 50V K B TA52
C809	0CE107DH618	100UF STD 25V M FL TP5
C810	0CE227DF618	220UF STD 16V M FL TP5



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LOCA. NO	PART NO	DESCRIPTION
C811	181-120K	ACT 4KV E 222M TP10
$\Delta$ C812	181-120K	ACT 4KV E 222M TP10
C813	181-033M	2KV B 471K TP5
C814	0CE108DH618	1000UF STD 25V M FL TP5
C820	0CE477DJ618	470UF STD 35V M FL TP5
C822	0CK47101515	470P 1KV K B TS
$\Delta$ C823	181-091Q	1KV R 471K TP5
C824	0CE108DH618	1000UF STD 25V M FL TP5
C826	181-091Q	1KV R 471K TP5
C827	0CE227DP61A	220UF STD 160V M FL TP7.5
C829	0CE1071P61A	100UF SM 160V M FL TP7.5
C832	0CE227DF618	220UF STD 16V M FL TP5
C837	0CE227DF618	220UF STD 16V M FL TP5
C843	0CE477DH618	470UF STD 25V M FL TP5
C844	0CE227DF618	220UF STD 16V M FL TP5
$\Delta$ C853	0CQZVBK002D	A.C 275V 0.47UF K (S=22.5)
C904	0CQZVBK002A	A.C 275V 0.1UF M (S=15)
C905	0CE106DR618	10UF STD 250V M FL TP5
C906	0CE2261R618	22M SM 250V M TP5
C907	181-033S	2KV B 122K TP7.5
<b>COIL &amp; TRANSFORMER</b>		
L01	0LA0102K119	INDUCTOR,10UH K
L02	0LA0122K119	INDUCTOR,12UH K
L03	0LA0102K119	INDUCTOR,10UH K
L101	150-C01G	COIL,CHOKE 1.0UH A
L102	0LA0102K139	INDUCTOR,10UH K
L201	0LA0102K119	INDUCTOR,10UH K
L202	0LA0102K119	INDUCTOR,10UH K
L241	0LA1000K119	INDUCTOR,100UH K
L250	0LA1000K119	INDUCTOR,100UH K
L251	0LA1000K119	INDUCTOR,100UH K
L254	0LA0102K119	INDUCTOR,10UH K
L290	0LA1000K119	INDUCTOR,100UH K
L291	0LA1000K119	INDUCTOR,100UH K
L301	0LA0102K139	INDUCTOR,10UH K
L302	0LA0102K139	INDUCTOR,10UH K
L402	150-L01Z	COIL,H-LINEARITY 97UH
L501	0LA0331K119	INDUCTOR,3.3UH K
L502	0LA0102K119	INDUCTOR,10UH K
L503	0LA0681K119	INDUCTOR,6.8UH K
L504	0LA0102K139	INDUCTOR,10UH K
L505	0LA0331K119	INDUCTOR,3.3UH K
L508	0LA0101K119	INDUCTOR,10UH K
L510	0LA0102K139	INDUCTOR,10UH K
L511	0LA0561K119	INDUCTOR,5.6UH K
L512	0LA0561K119	INDUCTOR,5.6UH K
L513	0LA0561K119	INDUCTOR,5.6UH K
L691	150-E16C	COIL,IFT VAR,07S 1B 38.9MHZ
L692	0LA0102K119	INDUCTOR,10UH K
L693	0LA0122K119	INDUCTOR,12UH K
L701	0LA0331K119	INDUCTOR,3.3UH K

LOCA. NO	PART NO	DESCRIPTION
L702	0LA0102K119	INDUCTOR,10UH K
L703	0LA0102K119	INDUCTOR,10UH K
L742	0LA0221K139	INDUCTOR,2.2UH A
L821	150-C02F	COIL,CHOKE 82UH R1217
L822	150-C02F	COIL,CHOKE 82UH R1217
L901	150-C02A	COIL,CHOKE 10UH R0814
$\Delta$ T401	151-C02H	TRANSFORMER,H-DRIVE,EI-19,BULK
$\Delta$ T801	151-B06Y	TRANSFORMER,SMPS EER4215 STR5707N
<b>CORE</b>		
L257	125-123A	CORE,FERRITE BFD3565R2F(TAPING)
L258	125-022K	CORE(CIRC),FERRITE 1UH TAPING
L292	125-123A	CORE,FERRITE BFD3565R2F(TAPING)
L293	125-022K	CORE(CIRC),FERRITE 1UH TAPING
L506	125-022K	CORE(CIRC),FERRITE 1UH TAPING
L507	125-123A	CORE,FERRITE BFD3565R2F(TAPING)
L509	125-022K	CORE(CIRC),FERRITE 1UH TAPING
L801	125-022K	CORE(CIRC),FERRITE 1UH TAPING
L803	125-022K	CORE(CIRC),FERRITE 1UH TAPING
L804	125-123A	CORE,FERRITE BFD3565R2F(TAPING)
L805	125-022K	CORE(CIRC),FERRITE 1UH TAPING
L823	125-123A	CORE,FERRITE BFD3565R2F(TAPING)
L824	125-123A	CORE,FERRITE BFD3565R2F(TAPING)
<b>RESISTOR</b>		
$\Delta$ FR601	0RF0201K607	2W 5% TA62
$\Delta$ FR704	180-D02G	2W,1.2 J TA31
$\Delta$ FR741	0RF0101H609	1.0 1/2W 5 TA52
$\Delta$ FR742	0RF0470J607	0.47 1W 5% TA62
$\Delta$ FR743	0RF0470J607	0.47 1W 5% TA62
$\Delta$ FR823	0RF0470J607	0.47 1W 5% TA62
$\Delta$ FR824	0RF0470H609	0.47 1/2W 5 TA52
FR827	0RF0331K607	3.30 2W 5% TA62
$\Delta$ FR901	180-D02G	2W 1.2 J TA31
R01	0RD1000F609	100 1/6W 5 TA52
R03	0RD1001F609	1.0K 1/6W 5 TA52
R08	0RD4701F609	4.70K 1/6W 5% TA52
R09	0RD1002F609	10K 1/6W 5 TA52
R10	0RD1001F609	1.0K 1/6W 5 TA52
R14	0RD4701F609	4.70K 1/6W 5% TA52
R15	0RD1601F609	1.6K 1/6W 5 TA52
R17	0RD4702F609	47K 1/6W 5 TA52
R20	0RD1002F609	10K 1/6W 5 TA52
R22	0RD1002F609	10K 1/6W 5 TA52
R23	0RD1001F609	1.0K 1/6W 5 TA52
R24	0RD1000F609	100 1/6W 5 TA52
R25	0RD1000F609	100 1/6W 5 TA52
R26	0RD1000F609	100 1/6W 5 TA52
R27	0RD1000F609	100 1/6W 5 TA52
R28	0RD1000F609	100 1/6W 5 TA52
R29	0RD1000F609	100 1/6W 5 TA52
R31	0RD2701F609	2.7K 1/6W 5 TA52

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LOCA. NO	PART NO	DESCRIPTION
R34	0RD1000F609	100 1/6W 5 TA52
R35	0RD1000F609	100 1/6W 5 TA52
R36	0RD1000F609	100 1/6W 5 TA52
R37	0RD1002F609	10K 1/6W 5 TA52
R46	0RD5601F609	5.6K 1/6W 5 TA52
R47	0RD5601F609	5.6K 1/6W 5 TA52
R48	0RD1000F609	100 1/6W 5 TA52
R58	0RD1002F609	10K 1/6W 5 TA52
R69	0RD3300F609	330 1/6W 5 TA52
R71	0RD1000F609	100 1/6W 5 TA52
R80	0RD1000F609	100 1/6W 5 TA52
R81	0RD1000F609	100 1/6W 5 TA52
R82	0RD1000F609	100 1/6W 5 TA52
R84	0RD1000F609	100 1/6W 5 TA52
R86	0RD1000F609	100 1/6W 5 TA52
R87	0RD1000F609	100 1/6W 5 TA52
R101	0RD1202F609	12K 1/6W 5 TA52
R104	0RD1000F609	100 1/6W 5 TA52
R105	0RD1000F609	100 1/6W 5 TA52
R201	0RD1001F609	1.0K 1/6W 5 TA52
R202	0RD1001F609	1.0K 1/6W 5 TA52
R203	0RD1002F609	10K 1/6W 5 TA52
R207	0RD4700F609	470 1/6W 5 TA52
R212	0RD1001F609	1.0K 1/6W 5 TA52
R236	0RD1003F609	100K 1/6W 5 TA52
R239	0RD1001F609	1.0K 1/6W 5 TA52
R241	0RD1000F609	100 1/6W 5 TA52
R242	0RD3002F609	30K 1/6W 5 TA52
R244	0RD1800F609	180 1/6W 5 TA52
R257	0RD1000F609	100 1/6W 5 TA52
R290	0RD2200H609	220 1/2W 5% TA52
R291	0RD2200H609	220 1/2W 5% TA52
R301	0RN2001F409	2K 1/6W 1% TA52
R302	0RD3303F609	330K 1/6W 5 TA52
R304	0RN0680J607	0.68 1W 5% TA62
R305	0RD0222F609	22 1/6W 5 TA52
R306	0RS2200J607	220 1W 5% TA62
R307	0RN1802F409	18K 1/6W 1% TA52
"(20)"	0RN5601F409	5.6K 1/6W 1% TA52
R401	0RN0151H609	1.5 1/2W 5 TA52
"(20)"	0RN0820H609	0.82 1/2w 5
R402	0RS1002K607	10K 2W 5 TA52
R403	0RD0912F609	91 1/6W 5 TA52
R404	0RD4700F609	470 1/6W 5 TA52
R405	0RS3301J607	3.30K 1W 5% TA62
R406	0RD0392H609	39 1/2W 5 TA52
R427	180-B01U	5W 4.7K J DOUBLE
R508	0RD0472F609	47 1/6W 5% TA
R511	0RD1800F609	180 1/6W 5 TA52
R512	0RD3300F609	330 1/6W 5 TA52
R521	0RD2200F609	220 1/6W 5 TA52
R522	0RD2200F609	220 1/6W 5 TA52

LOCA. NO	PART NO	DESCRIPTION
R524	0RD1001F609	1K 1/6W 5 TA52
R525	0RD1002F609	10K 1/6W 5 TA52
R529	0RD1000F609	100 1/6W 5 TA52
R530	0RD1000F609	100 1/6W 5 TA52
R532	0RD1001F609	1.0K 1/6W 5 TA52
R533	0RD1001F609	1.0K 1/6W 5 TA52
R534	0RD1001F609	1.0K 1/6W 5 TA52
R537	0RD1003F609	100K 1/6W 5 TA52
R538	0RD5601F609	5.6K 1/6W 5 TA52
R542	0RD1001F609	1.0K 1/6W 5 TA52
R543	0RD2201F609	2.2K 1/6W 5 TA52
R545	0RD1001F609	1.0K 1/6W 5 TA52
R550	0RD2702F609	27K 1/6W 5 TA52
R555	0RN3902F409	39K 1/6W 1% TA52
R556	0RD1201F609	1.2K 1/6W 5 TA52
R557	0RD5100F609	510 1/6W 5 TA52
R568	0RD5600F609	560 1/6W 5 TA52
R601	0RD0331H609	3.3 1/2W 5 TA52
R602	0RD6802F609	68K 1/6W 5 TA52
R605	0RD3001F609	3.0K 1/6W 5 TA52
R609	0RD1003F609	100K 1/6W 5 TA52
R745	0RD0222H609	22 1/2W 5 TA52
R746	0RD1001F609	1.0K 1/6W 5 TA52
R747	0RS8201H609	8.2K 1/2W 5 TA52
R748	0RD5601F609	5.6K 1/6W 5 TA52
"(20)"	0RD1801H609	1.8K 1/2W 5 TA52
R749	0RD2203H609	220K 1/2W 5 TA52
R750	0RD4701H609	4.7K 1/2W 5 TA52
R752	0RD1201H609	1.2K 1/2W 5 TA52
R801	0RS2202K607	22K 2W 5 TA52
R802	0RS2202K607	22K 2W 5 TA52
R803	0RD3902H609	39K 1/2W 5 TA52
R804	0RD1001F609	1.0K 1/6W 5 TA52
R805	0RD1601F609	1.6K 1/6W 5 TA52
R806	0RS0472J607	47 1W 5% TA62
R807	0RN0121H609	1.2 1/2W 5 TA52
R808	180-A01J	2W 0.43 J TA31(63)
$\Delta$ R809	180-C02H	1/2W 8.2M K TA
R810	0RD1202H609	12K 1/2W 5 TA52
R812	0RS0272H609	27 1/2W 5 TA52
R820	0RD1301H609	1.3K 1/2W 5 TA52
R822	0RD1002F609	10K 1/6W 5 TA52
R824	0RD4701F609	4.70K 1/6W 5% TA52
R825	0RD4701F609	4.70K 1/6W 5% TA52
R828	0RS0431J607	4.30 1W 5% TA62
R829	0RD1001F609	1.0K 1/6W 5 TA52
R844	0RS0472H609	47 1/2W 5 TA52
R851	180-A03C	7W 2.20 J DOUBLE
R901	0RD2200F609	220 1/6W 5 TA52
R902	0RD2200F609	220 1/6W 5 TA52
R903	0RD2200F609	220 1/6W 5 TA52
R907	0RS1501H609	1.5K 1/2W 5 TA52

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

LOCA. NO	PART NO	DESCRIPTION
R908	0RS1501H609	1.5K 1/2W 5 TA52
R909	0RS1501H609	1.5K 1/2W 5 TA52
R911	0RD2204H609	2.2M 1/2W 5 TA52
R913	0RD1000F609	100 1/6W 5 TA52
<b>SWITCH</b>		
SW01	140-315A	SWITCH,TACT SKHV17910B 12V
SW02	140-315A	SWITCH,TACT SKHV17910B 12V
SW03	140-315A	SWITCH,TACT SKHV17910B 12V
SW04	140-315A	SWITCH,TACT SKHV17910B 12V
SW05	140-315A	SWITCH,TACT SKHV17910B 12V
SW06	140-315A	SWITCH,TACT SKHV17910B 12V
$\Delta$ SW851	6600VM2002A	SWITCH,PUSH SDKEA3 250V 8A HORIZO
<b>FILTER &amp; CRYSTAL</b>		
T103	166-C06D	FILTER(CIRC),MKT40.4MA110P-TF01
T501	166-C02E	FILTER(CIRC),TPS6.5MB-TF21 6.5MHZ .
"	166-C02C	FILTER(CIRC),TPS5.5MB-TF21 *PAL B/G
T502	166-C02C	FILTER(CIRC),TPS5.5MB-TF21 5.5MHZ .
X501	156-A01V	CRYSTAL,HC49U KJE RADIAL 4.433619MHZ
X502	156-A01C	CRYSTAL,HC49U KJE RADIAL 3.579545MHZ
X701	156-A02X	CRYSTAL,HC49U SUNNY RADIAL 27.000MHZ
Z101	166-A01B	FILTER,OFWK3953M 37.4MHZ (PIF
"	166-250B	FILTER,OFWG1966M PAL B/G
Z102	6200VQS001D	FILTER(CIRC),SAW OFWK9260M 38.9MHZ
Z651	166-B02C	FILTER(CIRC),BANDFSH5.5MCB-TF21 5.5MHZ
Z652	166-B02E	FILTER(CIRC),BANDFSH6.5MCB-TF21 6.5MHZ
<b>MISCELLANEOUS</b>		
	303-F62A	COVER,TUNER
	351-008A	LINK,POWER S/W
$\Delta$ F801	131-098B	FUSE,TIME LAG 4000MA 250 V
$\Delta$ P901	6620VBC001A	SOCKET,CPT 29.1 PHI SINGLE
PA01	106-047G	PRE-AMP,SBX2020-82 SONY 38.0KHZ
PJ241	6613V00006B	JACK ASSY,2P+EAR(PJ6062B)
JA201	381-091A	SOCKET,SCART 21PIN
SG901	165-004A	SPARK GAP,AG20PT 152F-L3N/S-23
$\Delta$ T701	6174Z-8005G	FBT,FTSPN13-T8005G
"	6174Z-8005E	FBT,FTSPN13-T8005E 20"
$\Delta$ TH851	163-054F	THERMISTOR,PTC J502P84D140M290Q
TU101	6700VPPF005B	TUNER,TU8PSD01DA DIN D/K 38
X01	166-E05C	RESONATOR,RESO, CST8.00MTW-TF01
<b>ACCESSORIES</b>		
A1	3828VA0159M	MANUAL,OWNERS,LG PL/EN 009K/017N
A2	6710V00009K	REMOTE CONTROLLER
A3	132-210H	ANTENNA,ROD(W/ADAPTER L=650)

LOCA. NO	PART NO	DESCRIPTION