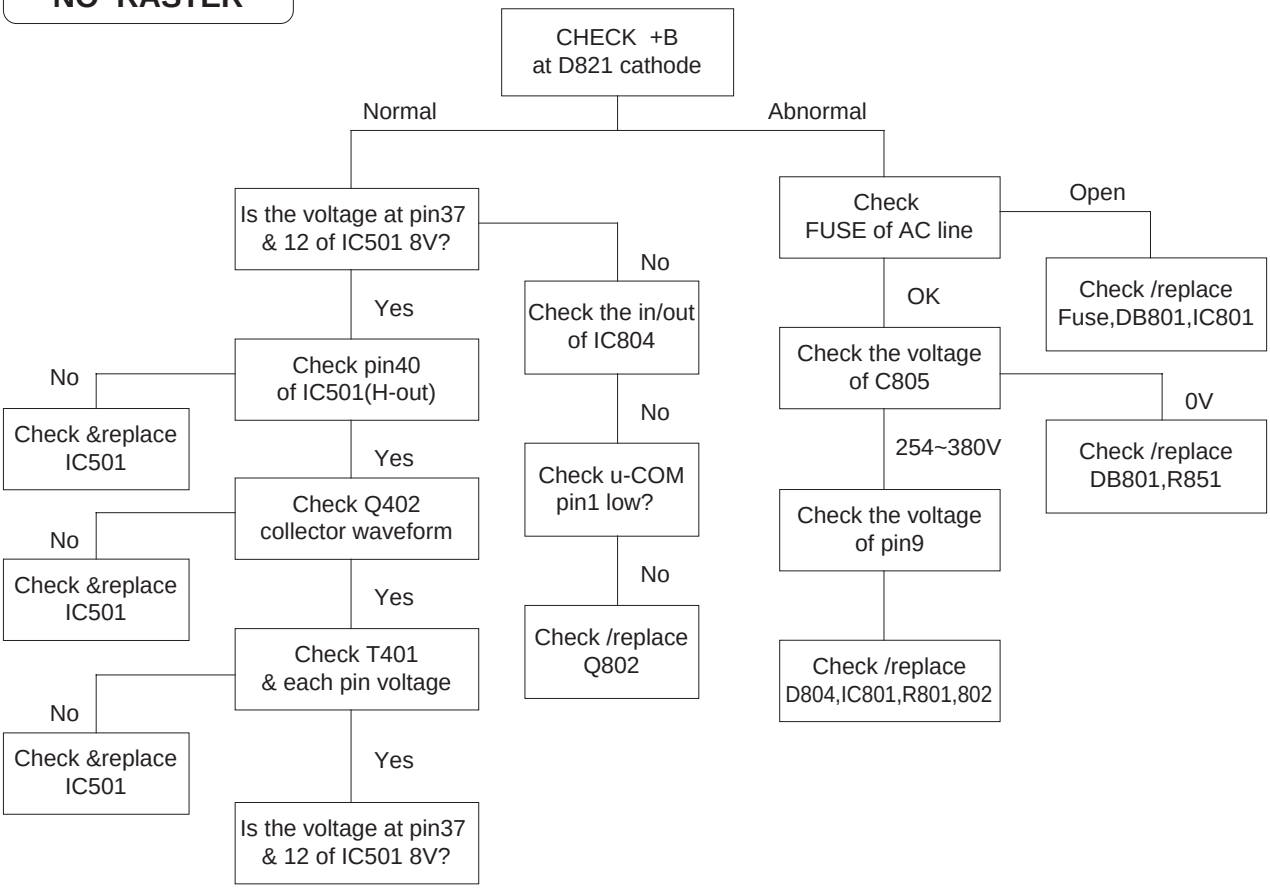
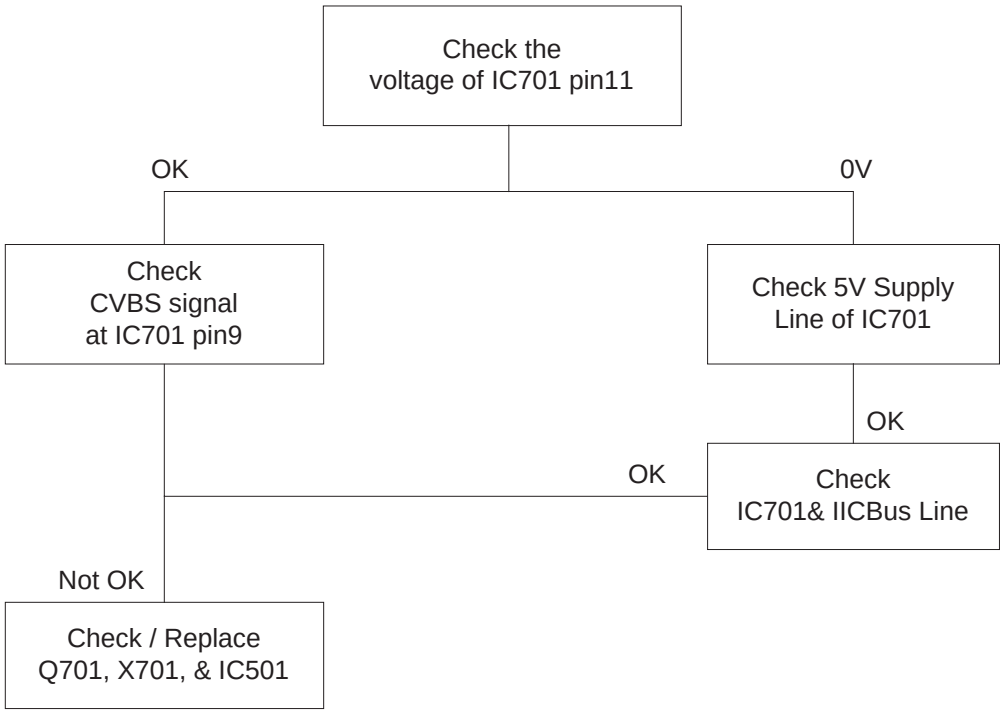
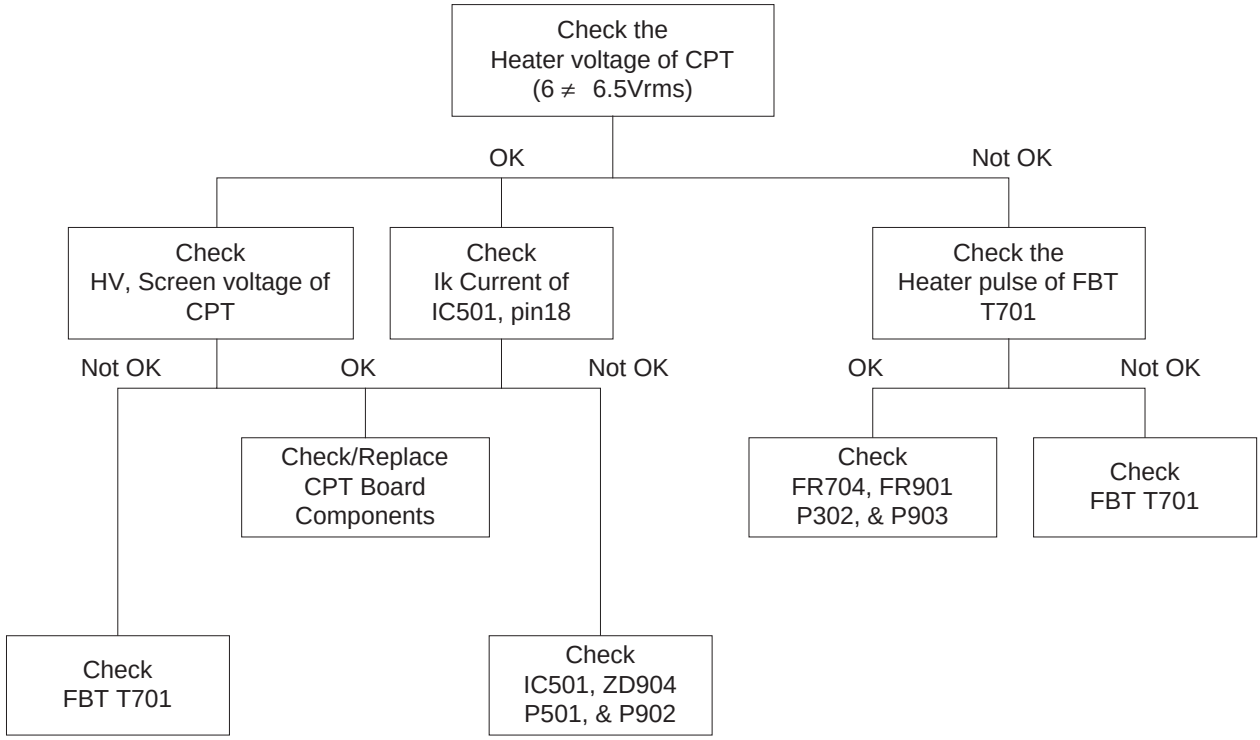
NO RASTER


CHECK +B
at D821 cathode
Normal
Abnormal
Is the voltage at pin37
& 12 of IC501 8V?
No
Check the in/out
of IC804
No
Check u-COM
pin1 low?
No
Check /replace
Q802
Yes
Check pin40
of IC501(H-out)
No
Check &replace
IC501
Yes
Check Q402
collector waveform
No
Check &replace
IC501
Yes
Check T401
& each pin voltage
No
Check &replace
IC501
Yes
Is the voltage at pin37
& 12 of IC501 8V?
Check
FUSE of AC line
Open
Check /replace
Fuse,DB801,IC801
OK
Check the voltage
of C805
0V
Check /replace
DB801,R851
254~380V
Check the voltage
of pin9
Check /replace
D804,IC801,R801,802

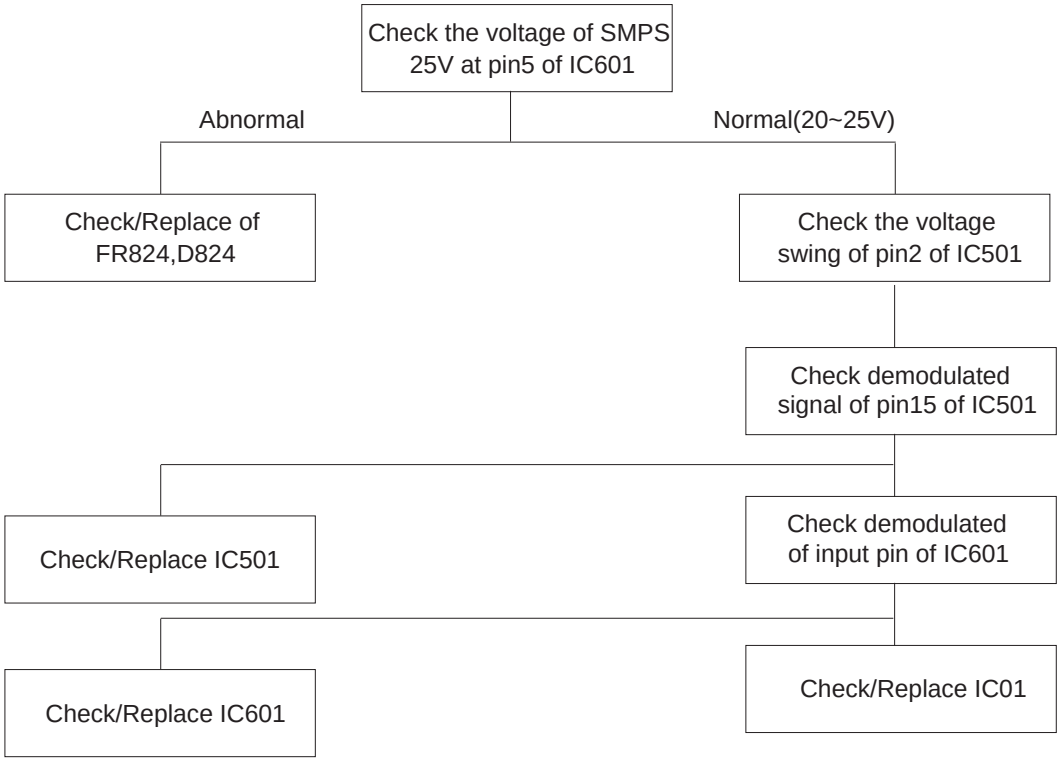
NO TELETEXT


Check the
voltage of IC701 pin11
OK
0V
Check
CVBS signal
at IC701 pin9
Check 5V Supply
Line of IC701
OK
OK
Check
IC701& IICBus Line
Not OK
Check / Replace
Q701, X701, & IC501

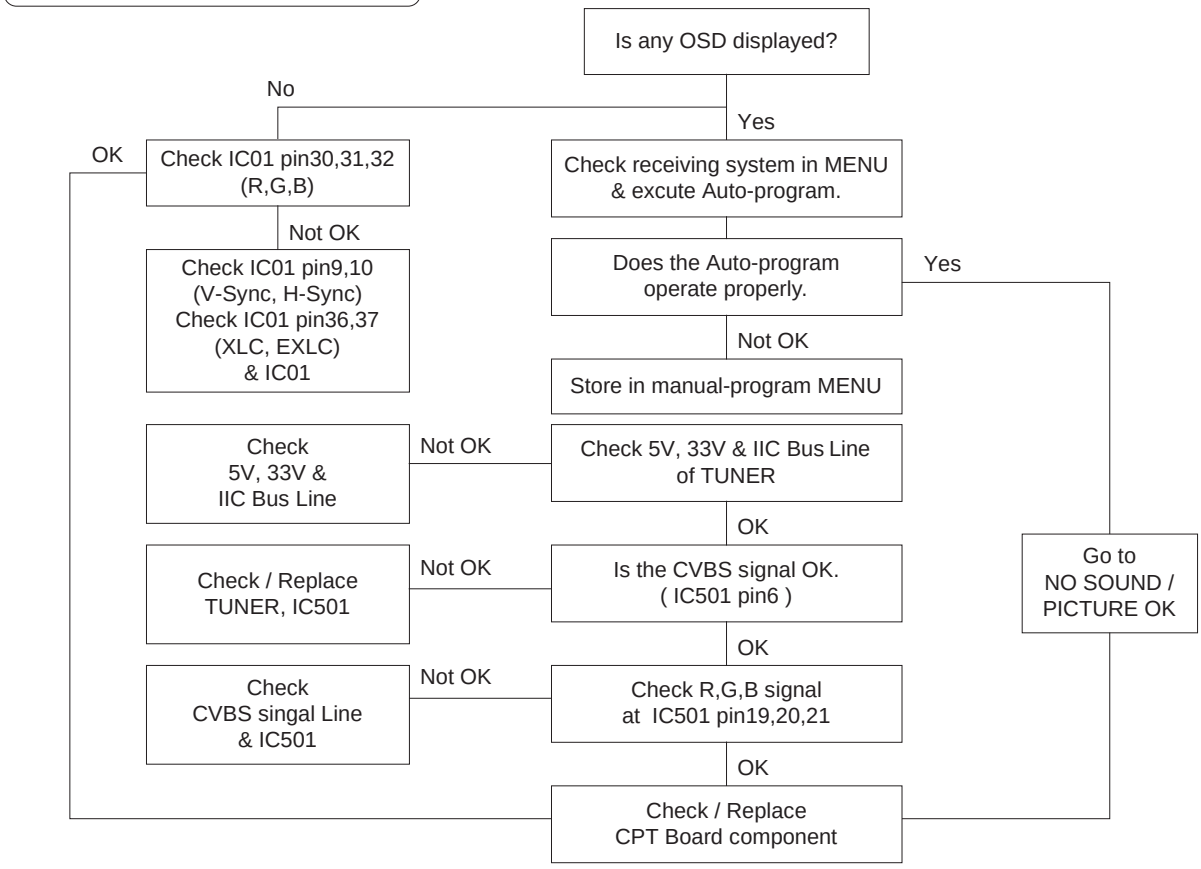
NO RASTER / SOUND OK



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_{rf} = 175.25MHz) : CK, CL
   - EU 41 Ch. (f_{rf} = 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.

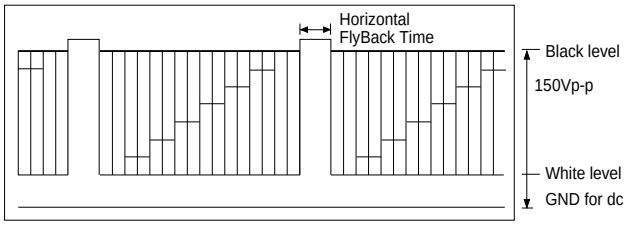
Model	CK-	CL-
System	PAL/SECAM-B/G,D/K	PAL/SECAM-B/G,LL'
Tuner P/N	6700VPF005B	6700VPF005A
Marker	LGEC	LGEC
AGC Voltage	2.3± 0.1V	2.3± 0.1V

Model	CI-
System	PAL-I/I
Tuner P/N	6700VPF005B
Marker	LGEC
AGC Voltage	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	

• LINE SVC-2 Adjustment

ITEM	Data
FP(FM Mono Sound Prescale)	33
NP(NICAM Prescale)	124
SP(Scart Audio Input Prescale, AV1)	30
S VOL(FM Scart1 Output Prescale)	67
M VOL(MAX Volume, HOTEL Option)	31

• 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
	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
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

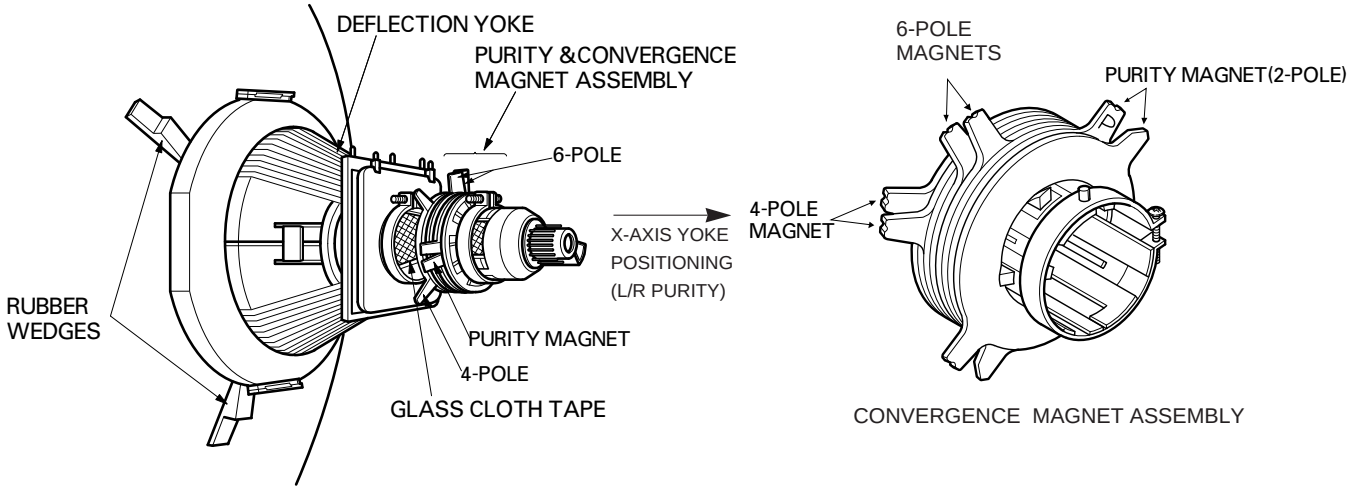
OPTION Data	Lang.	D/K NICAM	GAME	EYE	TUNER1
0	0	0	0	0	0
1	0	0	0	0	1
2	0	0	0	1	0
3	0	0	0	1	1
4	0	0	1	0	0
5	0	0	1	0	1
6	0	0	1	1	0
7	0	0	1	1	1
8	0	1	0	0	0
9	0	1	0	0	1
10	0	1	0	1	0
11	0	1	0	1	1
12	0	1	1	0	0
13	0	1	1	0	1
14	0	1	1	1	0
15	0	1	1	1	1
16	1	0	0	0	0
17	1	0	0	0	1
18	1	0	0	1	0
19	1	0	0	1	1
20	1	0	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.

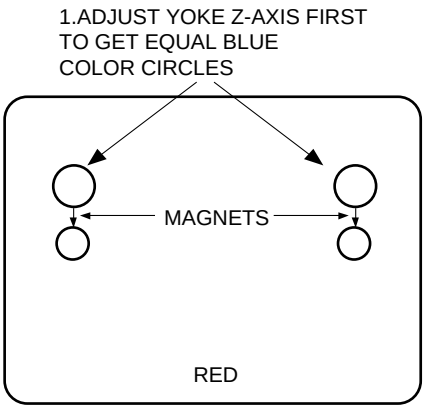
   b. Externally degauss the receiver screen with the television power turned off.

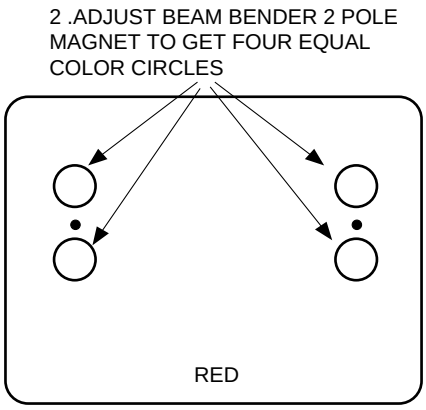
   c. Turn the television on for approximately 10 seconds to perform internal degaussing and then turn the TV off.

   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.

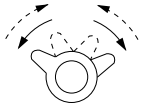
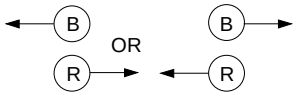
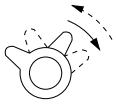
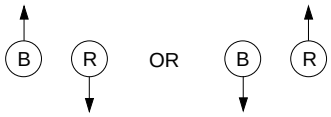
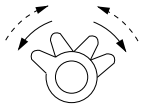
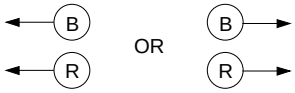
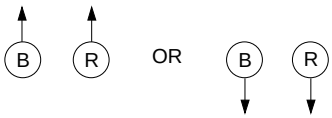
9. Turn on the receiver, connect a signal generator to the VHF antenna terminal and apply a crosshatch signal.

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.

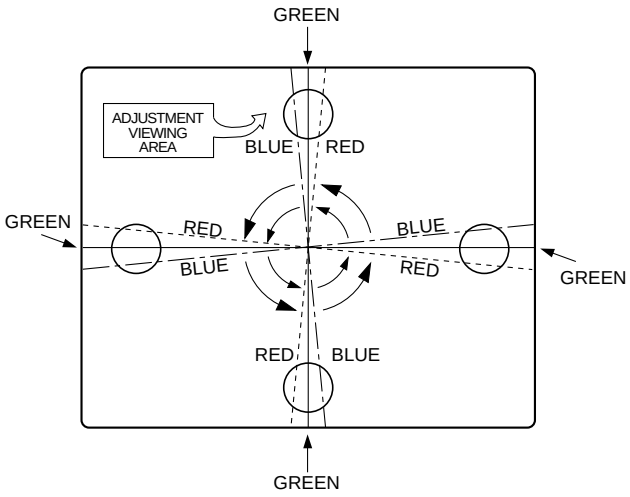
Note: Make sure the focus is set correctly on this instrument before proceeding with the following adjustment.

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 form the 12 o'clock position to converge the red and blue (now purple) vertical lines with the green vertical line.

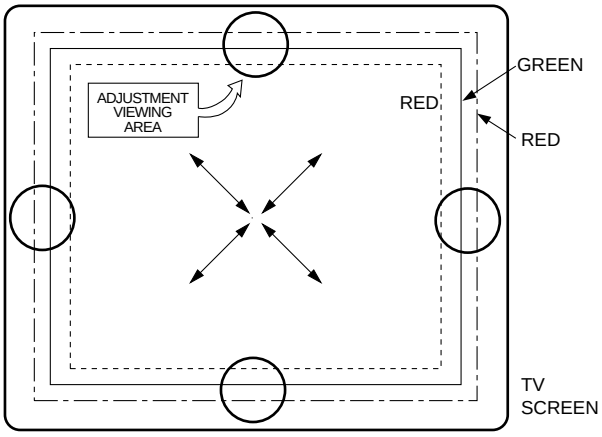
11. Converge the red and blue horizontal with the green line at the center of the screen by performing the following steps. (below TABLE)
    a. Carefully rotate both tabs of the 4-pole ring magnet simultaneously in the same direction (keep the spacing between the two tabs the same) to converge the red 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 previsouly 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	

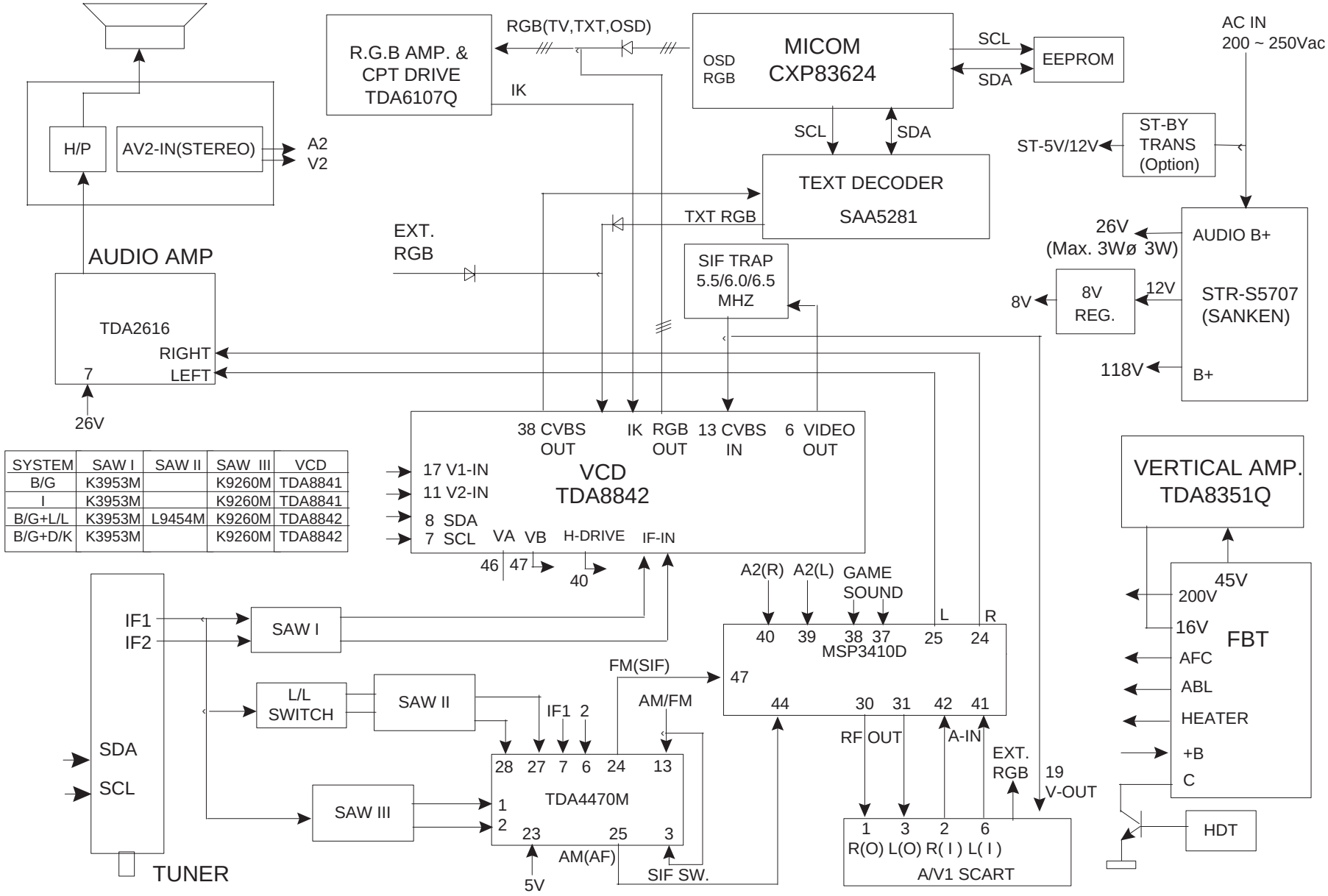
UP/DOWN ROCKING OF THE YOKE CAUSES OPPOSITE ROTATION OF RED AND BLUE RASTERS



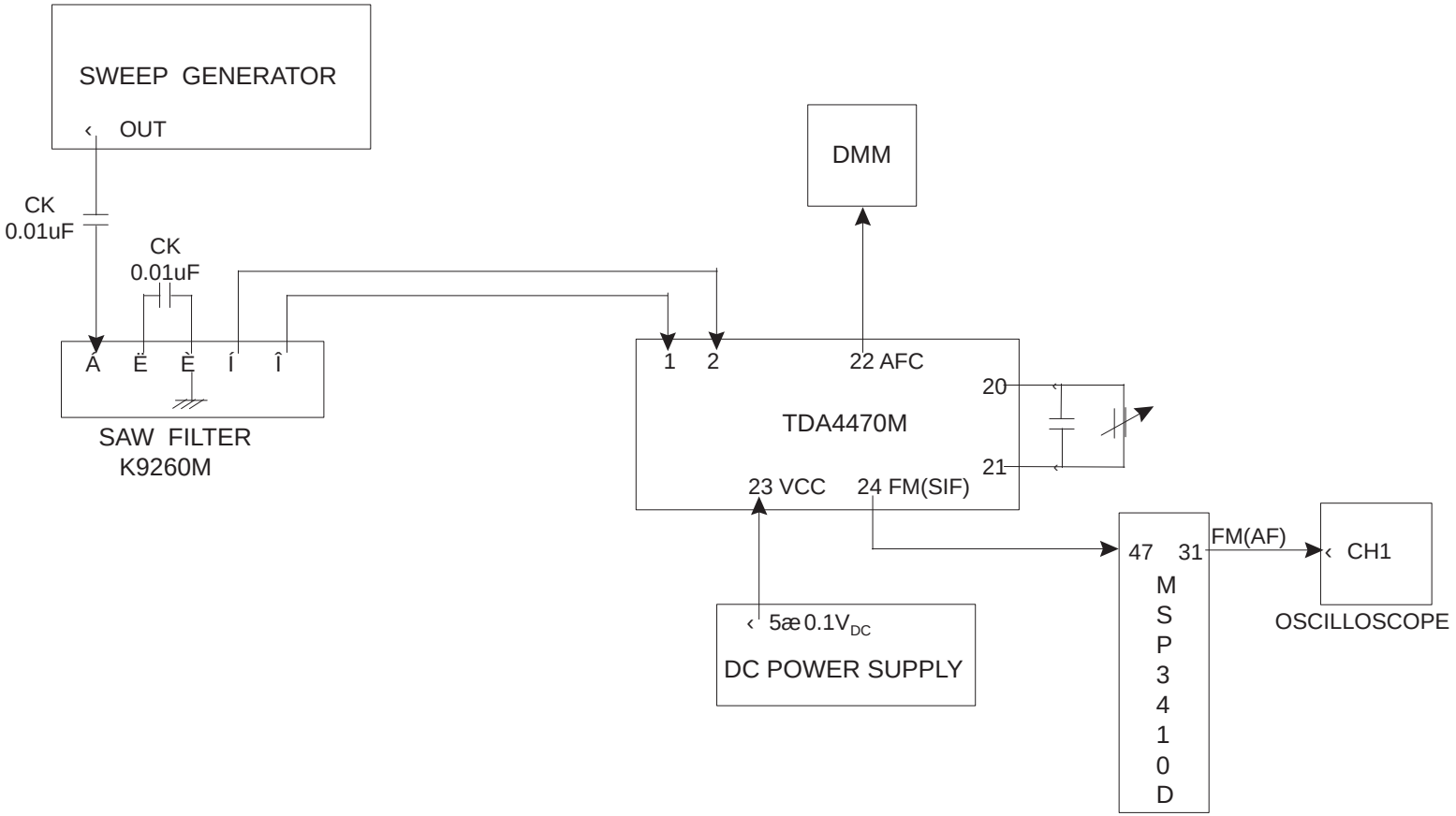
LEFT/RIGHT ROCKING OF THE YOKE CAUSES OPPOSITE SIZE CHANGE OF THE RED AND BLUE RASTERS



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 or 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.



SYSTEM	SAW I	SAW II	SAW III	VCD
B/G	K3953M		K9260M	TDA8841
I	K3953M		K9260M	TDA8841
B/G+L/L	K3953M	L9454M	K9260M	TDA8842
B/G+D/K	K3953M		K9260M	TDA8842


SWEEP GENERATOR
OUT
CK
0.01uF
CK
0.01uF
A
E
E
I
I
SAW FILTER
K9260M
DMM
1
2
22 AFC
20
21
TDA4470M
23 VCC
24 FM(SIF)
5æ 0.1V DC
DC POWER SUPPLY
47
31
FM(AF)
MSP3410D
CH1
OSCILLOSCOPE

Service Sheet of PC-81B

Service Sheet of PC-81B
P/N : 3854VA0051A-S
(990115)

SCHEMATIC DIAGRAM OF PC81B (STEREO)

★ TABLE OF SYSTEM CONVERSION

CIRCUIT NO.	SYSTEM: PAL-B/G + SECAM-D/K	PAL/SECAM + B/G/I/L	PAL I	REMARK
TU101	TU85PD01DA1005B	TU85PD01DB1005A	TU85PD01DA1005B	
IC501	TDA8842TS1/N2	TDA8842TS1/N2	TDA8841TS1/N2	
Z103	X	L54S4M	X	
L111	X	150-C01A(0.29U)	X	
R71-R72	X	100	X	
R108	33(RH)	33(RH)	X	
R501	390(RH)	560(RH)	390(RH)	
R502	360(RH)	X	360(RH)	
R504	360(RH)	470(RH)	360(RH)	
R505	200(RH)	160(RH)	200(RH)	
J1002	0(RH)	X	0(RH)	
C523	62P	62P	0.001u(H)	
C524	0.047u(H)	0.047u(H)	0.1u(H)	
C539	0.68u/50(TAN)	2.2u/50(TAN)	0.68u/50(TAN)	
D509-D510	MA859	MA859	X	
L503	6.8uH	8.2uH	6.8uH	
L505	3.3uH	3.3uH	TIN-WIRE	
T101	X	40.4H(166-C06D)	X	
T102	40.4H(166-C06D)	40.4H(166-C06D)	T40.9(166-C06A)	
T103	40.4H(166-C06D)	X	T40.9(166-C06A)	
T501	T6.5H(166-C02E)	T6.5H(166-C02E)	X	
T502	T5.5H(166-C02C)	T5.5H(166-C02C)	T6.0H	
Z630	X	10M(UFP)	X	
A	X	0	X	
B	X	0	X	
C	X	0	X	
D	X	0	X	
E	X	0	X	
F	X	0	X	
R693-R696 C682-C686	X	0	X	
R720		430		

★★ TABLE OF INCH CONVERSION

CIRCUIT NO.	INCH: 20"		21"		REMARKS
MAKER	LG(KOREA)	SEI(GERMANY)	LG(KOREA)	SEI(GERMANY)	
DESCRIPTION	A49DAD220X	A48ER141X54	A51KPD12XX	A51ER131X29	
P/N	2055-012218	112-C20S	2055-006702	112-C21S	
T701(FBT)	6174Z-9005E	6174Z-9005E	6174Z-9005A	6174Z-9005G	
L402	150-L02C	150-L01Z	150-L02C	150-L01Z	
C401	181-013E (0.47U)	181-013B (0.36U)	181-013B (0.43U)	181-013B (0.43U)	
C405	181-015P (0.0075U)	181-015H (0.0082U)	181-015P (0.0075U)	181-015P (0.0075U)	
FR704	1.1(2W)	1.2(2W)	1(2W)	1.1(2W)	
R3071(1/6W)	4.7K(RN)	5.6K(RN)	18K(RN)	18K(RN)	
R752(1/2W)	RD1.2K	RD1.8K	RD1.2K	RD1.2K	
R74H(1/6W)	5.6K(RD)	5.1K(RD)	5.6K(RD)	5.6K(RD)	
R401(1/2W)	1.5(RN)	0.82(RN)	1.5(RN)	1.5(RN)	
CPT EARTH	170-A01J	170-A01J	170-A01K	170-A01K	
D-COIL	150-D02M	150-D02M	150-D02N	150-D02N	
C1B	27P	18P	22P	22P	
R513-R514	68K(RH)	X	24K(RH)	X	
R712	910(RH)	1.1K(RH)	820(RH)	1.1K(RH)	

※ TABLE OF TR CONVERSION

	KEC	S/S
TR	KRC102M	KSR1202
	KTA1268Y	KSA733C
	KTC3198Y	KSC945C
RESET IC	KIA7042P	KA7542Z
REG. IC	KIA78L05BP	KA78L05Z

NOTICE

Since this is basic circuit diagram.

the value of components and some partial connection are subject to be changed for improvement without notice.

The components marked ⚠ conform to VDE or IEC guide-lines and are essential for safe operation of the TV receiver.
while those marked ⚠ are required for correct operation.
Use specified parts only when replacing.

Value of resistor, capacitor and inductor

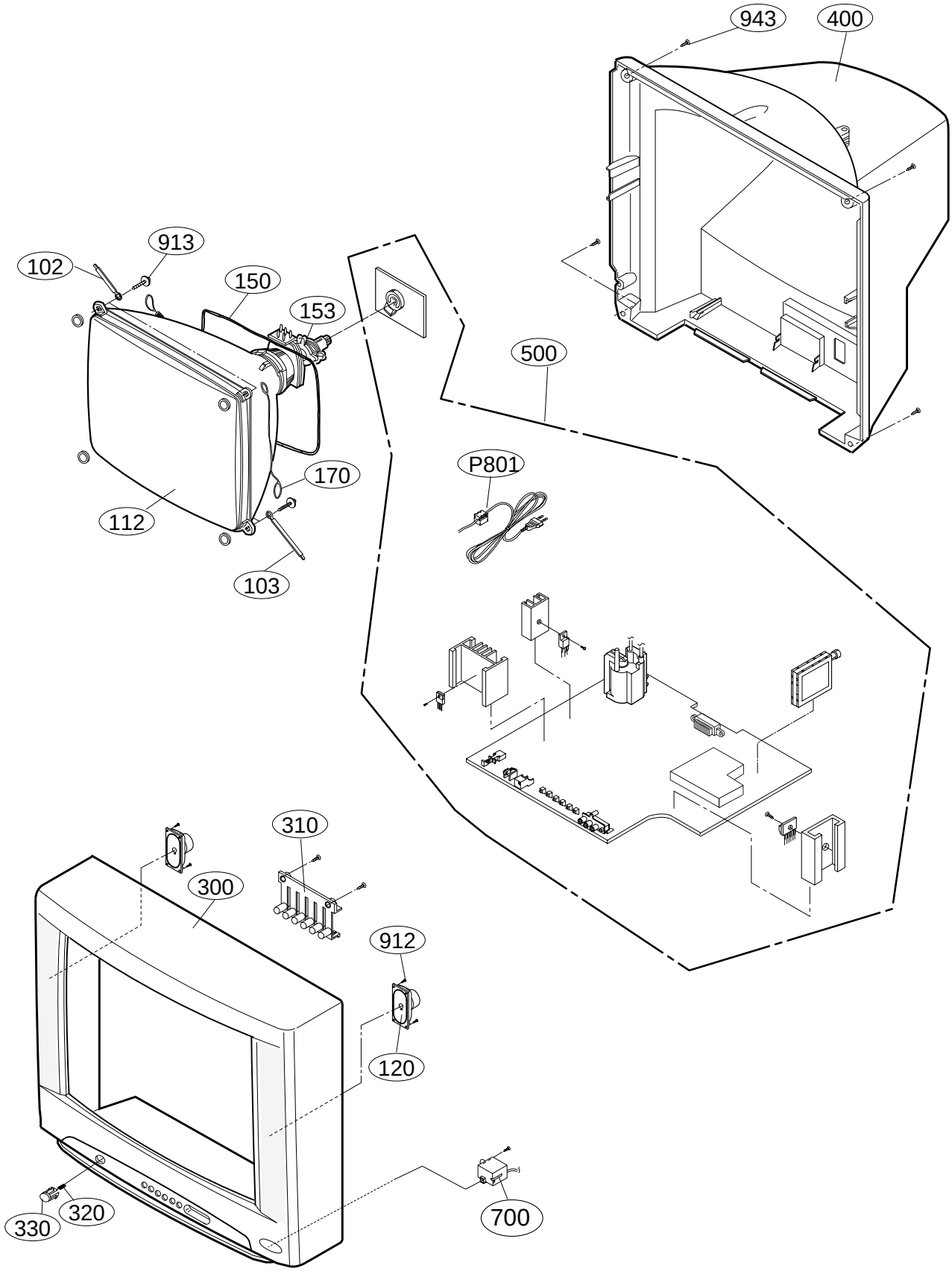
1. Resistances are shown in ohm. K=1,000- M=1,000,000.
2. Unless otherwise noted in schematic. all capacitor values less than 1 are expressed in mfd and the values more than 1 in pF.
3. Unless otherwise noted in schematic. all inductor values more than 1 are expressed in uH and the values less than 1 in Henry(H).

Observation of voltages and waveforms

1. Voltages read with VTVM from point to chassis ground. line voltage is 230+/-20% volts. signal pattern is colour-bar.
2. The schematic shown is represetative only.
3. All waveforms are taken using a wide band oscilloscope and a low capacity probe.
4. Check FINE TUNING, AGC, CONTRAST, BRIGHTNESS and COLOUR controls for best picture. make sure that COLOUR and BRIGHTNESS are in mid-point and CONTRAST is in 75%.
5. Waveforms are taken using a standard colour signal.

Video
Audio
Chroma

EXPLODED VIEW



EXPLODED VIEW PARTS LIST

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

LOCA. NO	PART NO		DESCRIPTIONS
	20"	21"	
102	341-721E	341-721E	HOLDER,D-COIL(FOR SAFA,L=65)
103	341-721F	341-721F	HOLDER,D-COIL(FOR SAFA,L=130)
⚠ 112	2055-V1221B	6341V21002B	CPT,A48QAD220X 03N7ND(+0.4)
	-	2426GDA80AE	CPT,A51QAE320X 14N7KR *TRINEC
	112-C20S	112-C21G	CPT *MA-DG,FS
	-	6341V21002A	CPT A51QAE320X 14L7KR *AGON
120	120-C93G	120-C93G	SPEAKER,C091P06K1459 8OHM 5/
⚠ 150	150-D02M	150-D02N	COIL,DEGAUSSING
⚠ 153	153-276A	153-110F	DY,DCAM1-20PLAA
⚠ 170	170-A01J	170-A01K	CPT EARTH
300	3106V00038J	3106V00027M	CABINET UNIT (GS)
	-	3106V00027N	CABINET UNIT (LG)
	3091V00201B	3091V00202B	CABINET ASSY (SILVER)
	3091V00201F	3091V00202F	CABINET ASSY (BLACK)
	-	3091V00202J	CABINET ASSY(LG) ,W/EYE
310	5020V00070B	5020V00070B	BUTTON,CONTROL
	5020V00070J	5020V00070J	BUTTON,CONTROL (BLACK)
	5020V00070H	5020V00070H	BUTTON,CONTROL (SILVER)
320	320-070G	320-070G	SPRING,COIL
330	5020V00071B	5020V00071B	BUTTON,POWER (SILVER)
	5020V00071D	5020V00071D	BUTTON,POWER (BLACK)
400	3809V00028J	3809V00028J	BACK COVER ASSY
	3809V00028K	3809V00149B	BACK COVER ASSY *MA-DG
500	3141VMN388B	3141VMN388C	CHASSIS ASSY,MAIN[6,07,04] *LGEFS
	-	3141VMN425B	CHASSIS ASSY,MAIN[6,21,04] *TRINEC
	3141VMN442B	3141VMN441B	CHASSIS ASSY,MAIN[7,39,04] *MA-DG
	3141VMN441M	3141VMN441K	CHASSIS ASSY,MAIN[7,23,04] *MA-DG(CF-21T30T)
	-	3141VMN441G	CHASSIS ASSY,MAIN[7,07,20] *MA-STUH
	-	3141VMN441E	CHASSIS ASSY,MAIN[7,53,04] *UK
	-	3141VMN388H	CHASSIS ASSY,MAIN[6,39,04] *AGON
	-	3141VMN441L	CHASSIS ASSY,MAIN[7,21,06] *LGEPL
	3141VMN442A	3141VMN441A	CHASSIS ASSY,MAIN[7,05,04] *MA-FS
700	-	0IGL120104A	IC,CDS SENSOR
912	1PRF0302816	1PRF0302816	SCREW,BRAIZER D3 L12
913	332-057B	332-057B	SCREW ASSY,HEXAGON HEAD
943	1PTF0403116	1PTF0403116	SCREW,TRUSS HEAD D4 L16
⚠ P801	174-009P	174-009P	CORD,POWER(W/HOLD,HOUSING,L=220,4.0
	-	174-225C	CORD ASSY,POWER FOR UK

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.

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

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION
	IC	
IC01	0ISO899104B	LG8991-04B
IC02	0IAL241600B	IC,AT24C16-10PC 8D EEPROM 16K
IC03	0ISS754200A	IC,KA7542Z RESET TO92 TP 4.2V
IC301	0IPH835150A	IC,TDA8351/N5 9P,SIP BK V/OUT(W/O
IC501	0IPH884212A	IC,TDA8842(S1)/N2 56P,SDIP BK MUL
"	0IPH884112A	IC,TDA8841(S1)/N2 56P PAL B/G
IC601	0IPH261600A	IC,TDA2616 STEREO AMP(20+20W)
IC602	0IIT341000J	IC,MSP3410D-C5 52P SDIP
IC603	0ISS753300A	IC,KA7533Z RESET T0-92 TP 3.3V
IC604	0ITF447000A	IC,TDA4470M 28P,SDIP BK VIF+SIF
IC605	0IKE780500K	IC,KIA7805PI 3P(TO-220IS) 5V,1A
IC701	0IPH528100F	IC,SAA5281ZP/E 52P,SDIP BK WEST
"	0IPH528100H	IC,SAA5281ZP/H 52SDIP EAST
IC801	0ISK570700A	IC,STR/S5707(LF.953) 9P SMPS-CNTR
⚠ 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
"	0IKE780800A	IC,KA7808PI 3P
IC805	0IKE780500K	IC,KIA7805PI 3P(TO-220IS) 5V,1A
IC901	0IPH610700A	IC,TDA6107Q SIP9 BK VIDEO OUT AMP
	DIODE	
⚠ DB801	0DD260000BD	DIODE,BRIDGE D2SBA60
D101	0DD414809ED	DIODE,DS4148
D111	0DD859009AA	DIODE,SILICON MA859 TAPING
D112	0DD859009AA	DIODE,SILICON MA859 TAPING
D301	0DD414809ED	DIODE,DS4148
D402	0DD150009CA	DIODE,RGP15J
D403	0DD414809ED	DIODE,DS4148
D501	0DD414809ED	DIODE,DS4148
D502	0DD414809ED	DIODE,DS4148
D503	0DD414809ED	DIODE,DS4148
D504	0DD414809ED	DIODE,DS4148
D505	0DD414809ED	DIODE,DS4148
D506	0DD414809ED	DIODE,DS4148
D509	0DD859009AA	DIODE,SILICON MA859 TAPING
D510	0DD859009AA	DIODE,SILICON MA859 TAPING
D601	0DD181009AB	DIODE,SWITCHING KDS181 85V 300MA
D602	0DD181009AB	DIODE,SWITCHING KDS181 85V 300MA
D603	0DD414809ED	DIODE,DS4148
D604	0DD414809ED	DIODE,DS4148
D701	0DD414809ED	DIODE,DS4148
D702	0DD414809ED	DIODE,DS4148
D703	0DD414809ED	DIODE,DS4148
D704	0DD414809ED	DIODE,DS4148
D741	0DD060009AC	DIODE,TVR06J 0.6A/600V 250NS
D742	0DD200009AH	DIODE,RU2AMV
D743	0DD060009AC	DIODE,TVR06J 0.6A/600V 250NS
D744	0DD414809ED	DIODE,DS4148
D802	0DD100009AM	DIODE,EU1ZV
D803	0DD060009AC	DIODE,TVR06J 0.6A/600V 250NS

LOCA. NO	PART NO	DESCRIPTION
D804	0DD060009AC	DIODE,TVR06J 0.6A/600V 250NS
D805	0DD060009AC	DIODE,TVR06J 0.6A/600V 250NS
D806	0DD100009AM	DIODE,EU1ZV
D820	0DD414809ED	DIODE,1N4148
D821	0DD300009AC	DIODE,RU3AMV
D823	0DD420000BB	DIODE,D4L20U
⚠ D824	0DD420000BB	DIODE,D4L20U
D826	0DD060009AC	DIODE,TVR06J 0.6A/600V 250NS
D827	0DD060009AC	DIODE,TVR06J 0.6A/600V 250NS
D828	0DD060009AC	DIODE,TVR06J 0.6A/600V 250NS
D829	0DD060009AC	DIODE,TVR06J 0.6A/600V 250NS
D830	0DD060009AC	DIODE,TVR06J 0.6A/600V 250NS
D831	0DD060009AC	DIODE,TVR06J 0.6A/600V 250NS
D901	0DD400309AD	DIODE,IN4003A RECT
D902	0DR210009AA	DIODE,RECTIFIER BAV21 DO-35 200V
D903	0DR210009AA	DIODE,RECTIFIER BAV21 DO-35 200V
D904	0DR210009AA	DIODE,RECTIFIER BAV21 DO-35 200V
ZD01	0DZ560009CF	DIODE,ZENER MTZJ5.6B ROHM-K
ZD101	0DZ560009CF	DIODE,ZENER MTZJ5.6B ROHM-K
ZD102	0DZ330009DF	DIODE,ZENER MTZJ33B ROHM-K
ZD231	0DZ120009AF	DIODE,ZENER MTZJ12B ROHM-K
ZD501	0DZ180009AG	DIODE,ZENER MTZJ18B ROHM-K
ZD741	0DZ820009AH	DIODE,ZENER MTZJ8.2B ROHM-K
ZD742	0DZ820009AH	DIODE,ZENER MTZJ8.2B ROHM-K
ZD801	0DZ680009BB	DIODE,ZENER MTZJ6.8B ROHM-K
ZD904	0DZ750009AG	DIODE,ZENER MTZJ7.5B ROHM-K
	TRANSISTOR	
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
Q101	0TR102009AG	TR,CHIP KRC102S SOT-23 TP KEC
Q103	0TR102009AG	TR,CHIP KRC102S SOT-23 TP KEC
Q111	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q112	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q113	0TR388109AA	TR,KTC3881 CHIP KEC
Q114	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q115	0TR102009AG	TR,CHIP KRC102S SOT-23 TP KEC
Q231	0TR150400BA	TR,CHIP 2SA1504S(ASY) 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
Q505	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q51	0TR945009AA	TR,KSC945C-Y,TP,SS
Q510	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q512	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q601	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC
Q602	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q631	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q632	0TR150400BA	TR,CHIP 2SA1504S(ASY) KEC
Q701	0TR387500AA	TR,CHIP 2SC3875S(ALY) KEC

LOCA. NO	PART NO	DESCRIPTION
Q801	0TR102709AA	TR,KTC1027-Y TP(KTC2235),KEC
Q802	0TR120209AD	TR,KSR1202 TP SAMSUNG TO92S
"	0TR945009AA	TR,KSC945C-Y * CB-
Q803	0TR320209AA	TR,KTC3202-TP-Y (KTC1959)KEC
Q804	0TR945009AA	TR,KSC945C-Y,TP,SS
Q805	0TR320209AA	TR,KTC3202-TP-Y (KTC1959)KEC
CAPACITOR		
C02	0CE475DK618	C,ELECTROLYTIC 4.7UF STD 50V M
C08	0CE225DK618	C,ELECTROLYTIC 2.2UF STD 50V M
C09	0CE106DF618	C,ELECTROLYTIC 10UF STD 16V M
C101	0CE475DK618	C,ELECTROLYTIC 4.7UF STD 50V M
C104	0CE226DF618	C,ELECTROLYTIC 22UF STD 16V M
C105	0CE476DK618	C,ELECTROLYTIC 47UF STD 50V M
C106	0CN1040K949	C,TUBULA(HIGH DIELE) 0.1M 50V Z
C108	0CE107DH618	C,ELECTROLYTIC 100UF STD 25V M
C11	0CE106DF618	C,ELECTROLYTIC 10UF STD 16V M
C114	0CE476DF618	C,ELECTROLYTIC 47UF STD 16V M
C116	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C117	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C12	0CE335DK618	C,ELECTROLYTIC 3.3UF STD 50V M
C20	0CE107DF618	C,ELECTROLYTIC 100UF STD 16V M
C233	0CE227DF618	C,ELECTROLYTIC 220UF STD 16V M
C250	0CN4710K519	C,TUBULA(HIGH DIELE) 470PF 50V K
C251	0CN4710K519	C,TUBULA(HIGH DIELE) 470PF 50V K
C254	0CN4710K519	C,TUBULA(HIGH DIELE) 470PF 50V K
C256	0CN4710K519	C,TUBULA(HIGH DIELE) 470PF 50V K
C301	0CN1010K519	C,TUBULA(HIGH DIELE) 100PF 50V K
C302	0CN1040K949	C,TUBULA(HIGH DIELE) 0.1M 50V Z
C303	0CE226DN618	C,ELECTROLYTIC 22UF STD 100V M
C304	0CE476DN618	C,ELECTROLYTIC 47UF STD 100V M
C305	0CQ3321N509	C,POLYESTER(MYLAR) 0.0033U 100V K
C306	0CQ1041N509	C,POLYESTER(MYLAR) 0.1MF 100V L
C307	0CQ1531N509	C,POLYESTER(MYLAR) 0.015MF 100V K
C308	0CQ1031N509	C,POLYESTER(MYLAR) 0.01U 100V K
C401	181-013E	C,MPP 200V 0.47uF J
"(21")	181-013D	C,MPP 200V 0.43uF J
C403	0CK1020W515	C,CERAMIC(HIGH DIELE) 1000PF 500V K
C405	181-015H	C,MPP 1600V 0.0082UF H
"(21")	181-015P	C,MPP 1600V 0.0075UF H
C406	0CN3310K519	C,TUBULA(HIGH DIELE) 330P 50V K
C407	0CE225DP618	C,ELECTROLYTIC 2.2UF STD 160V M
C409	0CE105DP618	C,ELECTROLYTIC 1UF STD 160V M
C410	0CE105DP618	C,ELECTROLYTIC 1UF STD 160V M
C501	0CE476DF618	C,ELECTROLYTIC 47UF STD 16V M
C502	0CE106DH618	C,ELECTROLYTIC 10UF STD 25V M
C504	0CQ1041N509	C,POLYESTER(MYLAR) 0.1MF 100V L
C507	0CE225DK618	C,ELECTROLYTIC 2.2UF STD 50V M
C510	0CE107DF618	C,ELECTROLYTIC 100UF STD 16V M
C513	0CQ1042K439	C,POLYESTER(MYLAR) 0.1UF S 50V J
C514	0CQ1042K439	C,POLYESTER(MYLAR) 0.1UF S 50V J
C516	0CN2230H949	C,TUBULA(HIGH DIELE) 22000P 25V Z F

LOCA. NO	PART NO	DESCRIPTION
C517	0CN2230H949	C,TUBULA(HIGH DIELE) 22000P 25V Z F
C518	0CN2230H949	C,TUBULA(HIGH DIELE) 22000P 25V Z F
C521	0CC2710K415	C,CERAMIC(TEMP COMP) 270P 50V J
C522	0CC2710K415	C,CERAMIC(TEMP COMP) 270P 50V J
C523	0CC6200K415	C,CERAMIC(TEMP COMP) 62PF 50V J
"	0CQ1021N509	C,POLYESTER(MYLAR) 0.001U 100V K *CB-
C524	0CQ4731N509	C,POLYESTER(MYLAR) 0.047U 100V K
"	0CQ1041N509	C,POLYESTER(MYLAR) 0.1U 100V K *CB-
C526	0CE227DF618	C,ELECTROLYTIC 220UF STD 16V M
C530	0CE225DK618	C,ELECTROLYTIC 2.2UF STD 50V M
C531	0CE104DK618	C,ELECTROLYTIC 0.1UF STD 50V M
C533	0CE105DK618	C,ELECTROLYTIC 1UF STD 50V M
C538	0CQ1041N455	C,POLYESTER(MYLAR) 0.1000UF 100V J
C539	0CSZVTA001G	C,TANTALUM 2.2UF 25V K
C543	0CE106DH618	C,ELECTROLYTIC 10UF STD 25V M
C544	0CQ3342K439	C,POLYESTER(MYLAR) 0.33UF S 50V J
C545	0CE224DK618	C,ELECTROLYTIC 0.22UF STD 50V M
C548	0CE684DK618	C,ELECTROLYTIC 0.68UF STD 50V M
C601	0CE225DK618	C,ELECTROLYTIC 2.2UF STD 50V M
C602	0CE476DH618	C,ELECTROLYTIC 47UF STD 25V M
C608	0CE225DK618	C,ELECTROLYTIC 2.2UF STD 50V M
C610	0CE108DJ618	C,ELECTROLYTIC 1000UF STD 35V M
C612	0CE476DF618	C,ELECTROLYTIC 47UF STD 16V M
C614	0CE477DH618	C,ELECTROLYTIC 470UF STD 25V M
C615	0CE477DH618	C,ELECTROLYTIC 470UF STD 25V M
C617	0CE106DF618	C,ELECTROLYTIC 10UF STD 16V M
C626	0CE227DF618	C,ELECTROLYTIC 220UF STD 16V M
C627	0CE335DK618	C,ELECTROLYTIC 3.3UF STD 50V M
C632	0CE106DF618	C,ELECTROLYTIC 10UF STD 16V M
C633	0CE106DF618	C,ELECTROLYTIC 10UF STD 16V M
C636	0CE474DK618	C,ELECTROLYTIC 0.47UF STD 50V M
C637	0CE474DK618	C,ELECTROLYTIC 0.47UF STD 50V M
C638	0CE107DF618	C,ELECTROLYTIC 100UF STD 16V M
C640	0CE106DF618	C,ELECTROLYTIC 10UF STD 16V M
C653	0CE106DF618	C,ELECTROLYTIC 10UF STD 16V M
C656	0CE107DF618	C,ELECTROLYTIC 100UF STD 16V M
C663	0CE227DF618	C,ELECTROLYTIC 220UF STD 16V M
C664	0CQ3342K439	C,POLYESTER(MYLAR) 0.33UF S 50V J
C675	0CN1030F679	C,TUBULA(HIGH DIELE) 0.01MF 16V M
C677	0CE226DF618	C,ELECTROLYTIC 22UF STD 16V M
C678	0CQ4742K439	C,POLYESTER(MYLAR) 0.47UF S 50V J
C687	0CE106DF618	C,ELECTROLYTIC 10UF STD 16V M
C692	0CE107DF618	C,ELECTROLYTIC 100UF STD 16V M
C698	0CX4700K409	C,TUBULA(T.C) 47PF 50V J
C699	0CX4700K409	C,TUBULA(T.C) 47PF 50V J
C703	0CE107DD618	C,ELECTROLYTIC 100UF STD 10V M
C705	0CX8R20K509	C,TUBULA(T.C) 8.2P 50V K
C707	0CQ1042K439	C,POLYESTER(MYLAR) 0.1UF S 50V J
C708	0CQ1042K439	C,POLYESTER(MYLAR) 0.1UF S 50V J
C709	0CQ3342K439	C,POLYESTER(MYLAR) 0.33UF S 50V J
"	0CQ1042K439	C,POLYESTER(MYLAR) 0.1UF S 50V J *EAST TXT
C711	0CE476DF618	C,ELECTROLYTIC 47UF STD 16V M

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LOCA. NO	PART NO	DESCRIPTION
C712	0CE476DF618	C,ELECTROLYTIC 47UF STD 16V M
C714	0CE107DF618	C,ELECTROLYTIC 100UF STD 16V M
"	0CE106DH618	C,ELECTROLYTIC 10UF STD 25V M *EAST TXT
C743	0CK4710W515	C,CERAMIC(HIGH DIELE) 470PF 500V K
C744	0CE106DR618	C,ELECTROLYTIC 10UF STD 250V M
C745	0CK4710W515	C,CERAMIC(HIGH DIELE) 470PF 500V K
C746	0CE337BH618	C,ELECTROLYTIC 330UF KME 25V M
C747	0CK4710W515	C,CERAMIC(HIGH DIELE) 470PF 500V K
C748	0CE476DN618	C,ELECTROLYTIC 47UF STD 100V M
C749	181-009V	C,PP 200V 0.047UF K
C751	0CQ1031N509	C,POLYESTER(MYLAR) 0.01U 100V K
C801	0CK10201515	C,CERAMIC(HIGH DIELE) 1000P 1KV K
C802	0CK10201515	C,CERAMIC(HIGH DIELE) 1000P 1KV K
C803	0CK10201515	C,CERAMIC(HIGH DIELE) 1000P 1KV K
C804	0CK10201515	C,CERAMIC(HIGH DIELE) 1000P 1KV K
C805	181-001E	CAPACITOR CE 400V 120UF M
C806	0CE107DH618	C,ELECTROLYTIC 100UF STD 25V M
C807	0CE106BN618	C,ELECTROLYTIC 10UF KME 100V M
C808	0CN1020K519	C,TUBULA(HIGH DIELE) 1000PF 50V K
C809	0CE107DH618	C,ELECTROLYTIC 100UF STD 25V M
C81	0CE476DF618	C,ELECTROLYTIC 47UF STD 16V M
C810	0CE227DF618	C,ELECTROLYTIC 220UF STD 16V M
C811	181-120K	C,ACT 4KV E 222M TP10
⚠ C812	181-120K	C,ACT 4KV E 222M TP10
C813	181-033M	CAPACITOR 2KV B 471K TP5
C814	0CE108DH618	C,ELECTROLYTIC 1000UF STD 25V M
C820	0CE477BJ618	C,ELECTROLYTIC 470UF KME (RG) 35V
C822	0CK47101515	C,CERAMIC(HIGH DIELE) 470P 1KV K
⚠ C823	181-091Q	CAPACITOR 1KV R 471K TP5
C824	0CE108DH618	C,ELECTROLYTIC 1000UF STD 25V M
C826	181-091Q	CAPACITOR 1KV R 471K TP5
C827	0CE227DP61A	C,ELECTROLYTIC 220UF STD 160V M
C829	0CE1071P61A	C,ELECTROLYTIC 100UF SM 160V M
C831	0CK1020W515	C,CERAMIC(HIGH DIELE) 1000P 500V K
C832	0CE227DF618	C,ELECTROLYTIC 220UF STD 16V M
C834	0CK1020W515	C,CERAMIC(HIGH DIELE) 1000P 500V K
C835	0CE477DH618	C,ELECTROLYTIC 470UF STD 25V M
C836	0CE477DF618	C,ELECTROLYTIC 47UF STD16V M
C837	0CE227DF618	C,ELECTROLYTIC 220UF STD 16V M
C843	0CE477DH618	C,ELECTROLYTIC 470UF STD 25V M
C844	0CE227DF618	C,ELECTROLYTIC 220UF STD 16V M
⚠ C853	0CQZVBK002D	C,POLYESTER A.C 275V 0.47UF K
C904	0CQZVBK002A	C,POLYESTER A.C 275V 0.1UF M
C905	0CE106DR618	C,ELECTROLYTIC 10UF STD 250V M
C906	0CE2261R618	C,ELECTROLYTIC 22M SM 250V M
C907	181-033S	CAPACITOR 2KV B 122K TP7.5

COIL & TRANSFORMER

L01	0LA0102K119	INDUCTOR,10UH K
L02	0LA0122K119	INDUCTOR,12UH K
L03	0LA0102K119	INDUCTOR,10UH K
L101	150-C01G	COIL,CHOKE 1.0UH A 1105
L102	0LA0102K139	INDUCTOR,10UH K
L103	0LA0102K119	INDUCTOR,10UH K
L111	150-C01A	COIL,CHOKE 0.29UH A 1105
L115	0LA0102K119	INDUCTOR,10UH K
L116	0LA0102K119	INDUCTOR,10UH K
L241	0LA1000K119	INDUCTOR,100UH K
L243	0LA1000K119	INDUCTOR,100UH K
L250	0LA1000K119	INDUCTOR,100UH K
L251	0LA1000K119	INDUCTOR,100UH K
L253	0LA0102K119	INDUCTOR,10UH 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-L02C	COIL,H-LINEARITY 170UH
"	150-L01Z	COIL,H-LINEARITY 97UH
L501	0LA0331K119	INDUCTOR,3.3UH K
L502	0LA0102K119	INDUCTOR,10UH K
L503	0LA0681K119	INDUCTOR,6.8UH K *CK-
"	0LA0821K119	INDUCTOR,8.2UH K
L504	0LA0102K139	INDUCTOR,10UH K
L505	0LA0331K119	INDUCTOR,3.3UH K
L510	0LA0102K139	INDUCTOR,10UH K
L511	0LA0561K119	INDUCTOR,5.6UH K
L512	0LA0561K119	INDUCTOR,5.6UH K
L513	0LA0561K119	INDUCTOR,5.6UH K
L514	0LA0102K119	INDUCTOR,10UH K
L515	0LA0102K119	INDUCTOR,10UH K
L631	0LA0102K119	INDUCTOR,10UH K
L632	0LA0102K119	INDUCTOR,10UH K
L633	0LA1000K119	INDUCTOR,100UH K
L691	150-E16C	COIL,VAR,07S 1B 38.9MHZ
L693	0LA0102K119	INDUCTOR,10UH K
L701	0LA0331K119	INDUCTOR,3.3UH K
L702	0LA0102K119	INDUCTOR,10UH K
L742	0LA0221K139	INDUCTOR,2.2UH A +-10%
L821	150-C02F	COIL,CHOKE 82UH R1217
L822	150-C02F	COIL,CHOKE 82UH R1217
L851	150-F06N	COIL,LINE FILTER SQE2424 7MH
L901	150-C02A	COIL,CHOKE 10UH R0814
⚠ T401	151-C02H	TRANSFORMER,H-DRIVE,EI-19,BULK
⚠ T801	6170VMFA06J	TRANSFORMER,SMPS EER4215 1150UH

CORE

L257	125-123A	CORE,FERRITE BFD3565R2F
L258	125-022K	CORE,FERRITE 1UH
L292	125-123A	CORE,FERRITE BFD3565R2F
L293	125-022K	CORE,FERRITE 1UH
L506	125-022K	CORE,FERRITE 1UH
L507	125-123A	CORE,FERRITE BFD3565R2F
L509	125-022K	CORE,FERRITE 1UH

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LOCA. NO	PART NO	DESCRIPTION
L801	125-123A	CORE,FERRITE BFD3565R2F
L803	125-022K	CORE,FERRITE 1UH
L804	125-123A	CORE,FERRITE BFD3565R2F
L805	125-022K	CORE,FERRITE 1UH
L823	125-123A	CORE,FERRITE BFD3565R2F
L824	125-123A	CORE,FERRITE BFD3565R2F
	RESISTOR	
⚠ FR704	180-D02E	R,RNF RND(S) CR 2W 1.0 J
"	180-D02F	R,RNF RND(S) CR 2W 1.1 J *CB-
⚠ FR741	0RF0101H609	R,FUSIBLE 1.0 1/2W 5
⚠ FR742	0RF0470J607	R,FUSIBLE 0.47 1W 5%
⚠ FR743	0RF0470J607	R,FUSIBLE 0.47 1W 5%
⚠ FR823	0RF0470J607	R,FUSIBLE 0.47 1W 5%
⚠ FR824	0RF0470H609	R,FUSIBLE 0.47 1/2W 5
⚠ FR901	180-D02G	R,RNF RND(S) CR 2W 1.2 J
R01	0RD1000F609	R,CARBON FILM 100 1/6W 5
R03	0RD1001F609	R,CARBON FILM 1.0K 1/6W 5
R08	0RD4701F609	R,CARBON FILM 4.7K 1/6W 5
R101	0RD1202F609	R,CARBON FILM 12K 1/6W 5
R104	0RD1000F609	R,CARBON FILM 100 1/6W 5
R105	0RD1000F609	R,CARBON FILM 100 1/6W 5
R106	0RD4702F609	R,CARBON FILM 47K 1/6W 5
R110	0RD4702F609	R,CARBON FILM 47K 1/6W 5
R114	0RD2201F609	R,CARBON FILM 2.2K 1/6W 5
R116	0RD4702F609	R,CARBON FILM 47K 1/6W 5
R120	0RD1000F609	R,CARBON FILM 100 1/6W 5
R121	0RD0102F609	R,CARBON FILM 10 1/6W 5
R15	0RD1601F609	R,CARBON FILM 1.6K 1/6W 5
R17	0RD4702F609	R,CARBON FILM 47K 1/6W 5
R20	0RD1002F609	R,CARBON FILM 10K 1/6W 5
R22	0RD1002F609	R,CARBON FILM 10K 1/6W 5
R23	0RD1001F609	R,CARBON FILM 1.0K 1/6W 5
R24	0RD1000F609	R,CARBON FILM 100 1/6W 5
R241	0RD1000F609	R,CARBON FILM 100 1/6W 5
R244	0RD1800F609	R,CARBON FILM 180 1/6W 5
R25	0RD1000F609	R,CARBON FILM 100 1/6W 5
R257	0RD1000F609	R,CARBON FILM 100 1/6W 5
R26	0RD1000F609	R,CARBON FILM 100 1/6W 5
R27	0RD1000F609	R,CARBON FILM 100 1/6W 5
R28	0RD1000F609	R,CARBON FILM 100 1/6W 5
R29	0RD1000F609	R,CARBON FILM 100 1/6W 5
R290	0RD2200H609	R,CARBON FILM 220 1/2W 5
R291	0RD2200H609	R,CARBON FILM 220 1/2W 5
R301	0RN2001F409	R,METAL FILM 2K 1/6W 1%
R302	0RD3303F609	R,CARBON FILM 330K 1/6W 5
R304	0RN0680J607	R,METAL FILM OXIDE 0.68 1W 5% TA62
R305	0RD0222F609	R,CARBON FILM 22 1/6W 5
R306	0RS2200J607	R,METAL FILM OXIDE 220 1W 5%
R307	0RN4701F409	R,METAL FILM 4.7K 1/6W 1%
"(21")	0RN1802F409	R,METAL FILM 18K 1/6W 1%
R31	0RD2701F609	R,CARBON FILM 2.7K 1/6W 5

LOCA. NO	PART NO	DESCRIPTION
R37	0RD1002F609	R,CARBON FILM 10K 1/6W 5
R401	0RN0820H609	R,METAL FILM 0.82 1/2W 5
"(21")	0RN0151H609	R,METAL FILM 1.5 1/2W 5
R402	0RS1002K607	R,METAL FILM OXIDE 10K 2W 5%
R403	0RD0912F609	R,CARBON FILM 91 1/6W 5
R404	0RD4700F609	R,CARBON FILM 470 1/6W 5
R405	0RS3301J607	R,METAL FILM OXIDE 3.30K 1W 5%
R406	0RD0392H609	R,CARBON FILM 39 1/2W 5
R427	180-B01U	R,CEMENT RS RECT S 5W 4.7K J
R48	0RD1000F609	R,CARBON FILM 100 1/6W 5
R503	0RD0472F609	R,CARBON FILM 47 1/6W 5
R508	0RD0472F609	R,CARBON FILM 47 1/6W 5
R511	0RD1800F609	R,CARBON FILM 180 1/6W 5
R512	0RD3300F609	R,CARBON FILM 330 1/6W 5
R521	0RD2200F609	R,CARBON FILM 220 1/6W 5
R522	0RD2200F609	R,CARBON FILM 220 1/6W 5
R525	0RD1002F609	R,CARBON FILM 10K 1/6W 5
R529	0RD1000F609	R,CARBON FILM 100 1/6W 5
R530	0RD1000F609	R,CARBON FILM 100 1/6W 5
R532	0RD1001F609	R,CARBON FILM 1.0K 1/6W 5
R533	0RD1001F609	R,CARBON FILM 1.0K 1/6W 5
R534	0RD1001F609	R,CARBON FILM 1.0K 1/6W 5
R537	0RD1003F609	R,CARBON FILM 100K 1/6W 5
R550	0RD2702F609	R,CARBON FILM 27K 1/6W 5
R555	0RN3902F409	R, METAL FILM 39K 1/6W 1%
R557	0RD5100F609	R,CARBON FILM 510 1/6W 5
R601	0RD2402F609	R,CARBON FILM 24K 1/6W 5
R609	0RD2402F609	R,CARBON FILM 24K 1/6W 5
R630	0RD1000F609	R,CARBON FILM 100 1/6W 5
R631	0RD1000F609	R,CARBON FILM 100 1/6W 5
R634	0RD1001F609	R,CARBON FILM 1.0K 1/6W 5
R635	0RD1001F609	R,CARBON FILM 1.0K 1/6W 5
R69	0RD3300F609	R,CARBON FILM 330 1/6W 5
R698	0RD1001F609	R,CARBON FILM 1.0K 1/6W 5
R71	0RD1000F609	R,CARBON FILM 100 1/6W 5
R711	0RD3001F609	R,CARBON FILM 3.0K 1/6W 5
R72	0RD1000F609	R,CARBON FILM 100 1/6W 5
R745	0RD0222H609	R,CARBON FILM 22 1/2W 5
R746	0RD1001F609	R,CARBON FILM 1.0K 1/6W 5
R747	0RS8201H609	R,METAL FILM OXIDE 8.2K 1/2W 5
R748	0RD5601F609	R,CARBON FILM 5.6K 1/6W 5
"	0RD5101F609	R,CARBON FILM 5.1K 1/6W 5 *CB-
R749	0RD2203H609	R,CARBON FILM 220K 1/2W 5
R750	0RD4701H609	R,CARBON FILM 4.7K 1/2W 5
R752	0RD1201H609	R,CARBON FILM 1.2K 1/2W 5
R80	0RD1000F609	R,CARBON FILM 100 1/6W 5
R801	0RS2202K607	R,METAL FILM OXIDE 22K 2W 5%
R802	0RS2202K607	R,METAL FILM OXIDE 22K 2W 5%
R803	0RD3902H609	R,CARBON FILM 39K 1/2W 5
R804	0RD1001F609	R,CARBON FILM 1.0K 1/6W 5
R805	0RD1601F609	R,CARBON FILM 1.6K 1/6W 5
"	0RD1801F609	R,CARBON FILM 1.8K 1/6W 5 *CB-

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LOCA. NO	PART NO	DESCRIPTION
R806	0RS0472J607	R,METAL FILM OXIDE 47 1W 5%
R807	0RN0121H609	R,METAL FILM OXIDE 1.2 1/2W 5 TA52
R808	180-A01J	R,RW ROUND G 2W 0.43 J
⚠ R809	180-C02H	R,CARBON COMPOSIT RC 1/2W 8.2M K
R81	0RD1000F609	R,CARBON FILM 100 1/6W 5
R810	0RD1202H609	R,CARBON FILM 12K 1/2W 5
R812	0RS0272H609	R,METAL FILM OXIDE 27 1/2W 5
R82	0RD1000F609	R,CARBON FILM 100 1/6W 5
R820	0RD1301H609	R,CARBON FILM 1.3K 1/2W 5 TA52
R822	0RD1002F609	R,CARBON FILM 10K 1/6W 5
R823	0RD1000F609	R,CARBON FILM 100 1/6W 5
R824	0RD4701F609	R,CARBON FILM 4.7K 1/6W 5
R825	0RD4701F609	R,CARBON FILM 4.7K 1/6W 5
R826	0RD4701F609	R,CARBON FILM 4.7K 1/6W 5
R828	0RS0331J607	R,METAL FILM OXIDE 3.30 1W 5%
R829	0RD1001F609	R,CARBON FILM 1.0K 1/6W 5
R84	0RD1000F609	R,CARBON FILM 100 1/6W 5
R844	0RS0472H609	R,METAL FILM OXIDE 47 1/2W 5
R851	180-A03C	R,RW RECT G 7W 2.20 J
R901	0RD2200F609	R,CARBON FILM 220 1/6W 5
R902	0RD2200F609	R,CARBON FILM 220 1/6W 5
R903	0RD2200F609	R,CARBON FILM 220 1/6W 5
R907	0RS1501H609	R,METAL FILM OXIDE 1.5K 1/2W 5
R908	0RS1501H609	R,METAL FILM OXIDE 1.5K 1/2W 5
R909	0RS1501H609	R,METAL FILM OXIDE 1.5K 1/2W 5
R911	0RD2204H609	R,CARBON FILM 2.2M 1/2W 5
R913	0RD1000F609	R,CARBON FILM 100 1/6W 5

SWITCH

SW01	140-315A	SWITCH,TACT VERT
SW02	140-315A	SWITCH,TACT VERT
SW03	140-315A	SWITCH,TACT VERT
SW04	140-315A	SWITCH,TACT VERT
SW05	140-315A	SWITCH,TACT VERT
SW06	140-315A	SWITCH,TACT VERT
⚠ SW851	6600VM2002A	SWITCH,PUSH SDKEA3 4A/128A250V 6.

CRYSTAL & FILTER

T101	166-C06D	FILTER(CIRC),TRAP MKT40.4MA110P-TF01
T102	166-C06D	FILTER(CIRC),TRAP MKT40.4MA110P-TF01
T103	166-C06D	FILTER(CIRC),TRAP MKT40.4MA110P-TF01
T501	166-C02E	FILTER,TRAP TPS6.5MB-TF21
T502	166-C02C	FILTER,TRAP TPS5.5MB-TF21
X501	156-A01V	CRYSTAL,4.433619 SER.PF 80 OHM BULK
X502	156-A01C	CRYSTAL,3.579545 90 OHM
X630	156-A02M	CRYSTAL,18.432000 10PF 20 OHM BULK
X701	156-A02X	CRYSTAL,STD RADIAL 27.0MHZ 25PPM 20P
Z101	166-A01B	FILTER,0FWK3953M
Z102	6200VQS001D	FILTER(CIRC),SAW OFWK9260M 38.9MHZ SIF
Z103	166-A01U	FILTER (CIRC),SAW OFWL9454M
Z630	166-F01D	FILTER,EMI,DS306-93 Y5S 271M 50V TA

ACCESSORIES

LOCA. NO	PART NO	DESCRIPTION
A1	3828VA0178A	MANUAL,OWNERS LG EN 009K
A1	3828VA0178B	MANUAL,OWNERS DG LG GE 009K
A1	3828VA0178J	MANUAL,OWNERS FS GS FR 009L 335A/016B
A2	6710V00009L	REMOTE CONTROLLER
A2	6710V00009K	REMOTE CONTROLLER LG
A3	132-210H	ANTENNA,ROD(W/ADAPTER L=650)

MISCELLANEOUS

	303-F62A	COVER,TUNER
	351-008A	LINK,POWER S/W
⚠ F801	131-098B	FUSE,4A/250V HBC TIME DELAY 5X20
JA201	381-091A	SOCKET,SCART JACK 21PIN
JA241	6613V00006A	JACK ASSY,3P+EAR(PJ6062A)
LD01	4930V00048A	HOLDER,DIODE LED ASSY
PA01	106-047G	PRE-AMP,SBX2020-82 SONY 38.0KHZ MESH
⚠ P901	6620VBC001A	SOCKET,CPT 29.1 PHI SINGLE(PCS629-03A)
RL801	141-018E	RELAY,DG12D1-0(M)-2
SG901	165-004A	SPARK GAP AG20PT 152F-L3N/S-23
⚠ TH851	163-054F	THERMISTOR,PTC J502P84D140M290Q 220V
TU101	6700VPF005A	TUNER,TU8PSD01DB DIN BG/L 3
"	6700VPF005B	TUNER,TU8PSD01DA LGEC PAL
⚠ T701	6174Z-8005E	FBT,FTSPN13-T8005E 20"
"	6174Z-8005A	FBT,FTSPN13-T8005A 21"
"	6174Z-8005E	FBT,FTSPN13-T8005G *LGEDG
VD801	164-003D	VARISTOR,SVC 561D-14A
X01	166-E05C	RESONATOR,RESO,CST8.00MTW-TF01