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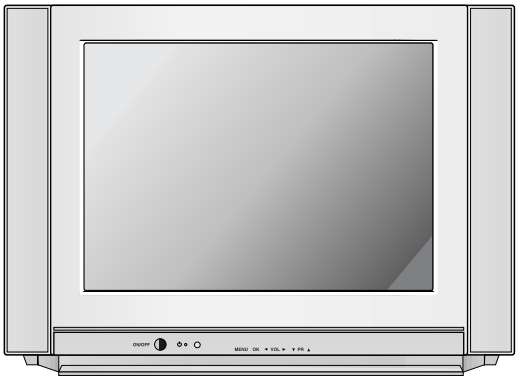
COLOR TV
SERVICE MANUAL

CHASSIS : SC-023A

MODEL : RP-21FB70 Lafinion 55

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



CONTENTS

SPECIFICATIONS

POWER INPUT ..... AC100-240V~50/60Hz
POWER CONSUMPTION 95W
ANTENNA INPUT IMPEDANCE .....VHF/UHF 75 ohm Balanced
CHANNEL RANGE
VHF 2-13
UHF 14-69
CATV(125) .....01, 02¡ ›13, 14¡ ›125
INTERMEDIATE FREQUENCIES
Picture I-F carrier frequency.....45.75MHz
Sound I-F carrier frequency .....41.25 MHz
Color Sub-carrier frequency ..... 42.17 MHz
Center frequency .....44 MHz
CHASSIS CONSTRUCTION ..... IC-Solid state chassis
PICTURE TUBE ..... Type No. A51QDJ279X
SOUND OUTPUT ..... 3W+3W
CABINET ..... Plastic

ABBREVIATIONS: **Used in this book**

ADJ .....Adjustment or Adjust
AFC .....Automatic Frequency Control
AGC..... Automatic Gain Control
AMP .....Amplifier
CRT .....Cathode Ray Tube
DEF ..... Deflection
DET..... Detector
FBT..... Flyback Transformer
H.V..... High Voltage
OSC..... Oscillator
SEP..... Separator
SYNC..... Synchronization
S.I.F..... Sound Intermediate Frequency
V.I.F .....Video Intermediate Frequency
H .....Horizontal
V .....Vertical
IC .....Intergrated Circuit
OSD .....On-Screen Display
SAP ..... Second Audio Program
BPF .....Band Pass Filter
ST ..... Stereo
LPF .....Low Pass Filter
DP ..... Differential Phase
DG .....Differential Group
PLL ..... Phase Locked Loop
APC .....Automatic Picture Control
BM .....B+ Main
BT .....B+ Tuning

SAFETY PRECAUTIONS

1. Before returning an instrument to the customer, always make a safety check of the entire instrument, including, but not limited to, the following items:

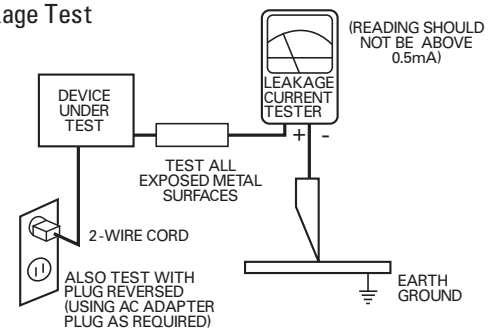
a. Be sure that no built-in protective devices are defective and/or have been defeated during servicing. (1) Protective shields are provided on this chassis to protect both the technician and the customer. Correctly replace all missing protective shields, including any removed for servicing convenience. (2) When reinstalling the chassis and/or other assemblies in the cabinet, be sure to put back in place all protective devices, including, but not limited to, nonmetallic control knobs, insulating fishpapers, adjustment and compartment covers/shields, and isolation resistor/capacitor networks. **Do not operate this instrument or permit it to be operated without all protective devices correctly installed and functioning.**

b. Be sure that there are no cabinet openings through which an adult or child might be able to insert their fingers and contact a hazardous voltage. Such openings include, but are not limited to, (1) spacing between the picture tube and the cabinet back, (2) excessively wide cabinet ventilation slots, and (3) an improperly fitted and/or incorrectly secured cabinet back cover.

c. **Antenna Cold Check**-With the instrument AC plug removed from any AC source, connect an electrical jumper across the two AC plug prongs. Place the instrument AC switch in the on position. Connect one lead of an ohmmeter to the AC plug prongs tied together and touch the other ohmmeter lead in turn to each tuner antenna input exposed terminal screw and, if applicable, to the coaxial connector. If the measured resistance is less than 1.0 megohm or greater than 5.2 megohm, an abnormality exists that must be corrected before the instrument is returned to the customer. Repeat this test with the instrument AC switch in the off position.

d. **Leakage Current Hot Check**-With the instrument completely reassembled, plug the AC line cord directly into a 120 V AC outlet. (Do not use an isolation transformer during this test.) Use a leakage current tester or a metering system that complies with American National Standards Institute (ANSI) C101.1 Leakage Current for Appliances and Underwriters Laboratories (UL) 1410, (50.7). With the instrument AC switch first in the on position and then in the off position, measure from a known earth ground (metal waterpipe, conduit, etc.) to all exposed metal parts of the instrument (antennas, handle bracket, metal cabinet, screwheads, metallic overlays, control shafts, etc.), especially any exposed metal parts that offer an electrical return path to the chassis. Any current measured must not exceed 0.5 milliamp. Reverse the instrument power cord plug in the outlet and repeat the test.
ANY MEASUREMENTS NOT WITHIN THE LIMITS SPECIFIED HEREIN INDICATE A POTENTIAL SHOCK HAZARD THAT MUST BE ELIMINATED BEFORE RETURNING THE INSTRUMENT TO THE CUSTOMER.

AC Leakage Test



e. **X-Radiation and High Voltage Limits**-Because the picture tube is the primary potential source of X-radiation in solid-state TV receivers, it is specially constructed to prohibit X-radiation emissions. For continued X-radiation protection, the replacement picture tube must be the same type as the original. Also, because the picture tube shields and mounting hardware perform an X-radiation protection function, they must be correctly in place.
High voltage must be measured each time servicing is done that involves B+, horizontal deflection, or high voltage. Correct operation of the X-radiation protection circuits also must be reconfirmed each time they are serviced. (X-radiation protection circuits also may be called "horizontal disable" or "hold-down.") Read and apply the high voltage limits and, if the chassis is so equipped, the X-radiation protection circuit specifications given on instrument labels and in the Product Safety & X-radiation Warning note on the service data chassis schematic.
High voltage is maintained within specified limits by close-tolerance safety-related components/adjustments in the high-voltage circuit.
If high voltage exceeds specified limits, check each component specified on the chassis schematic and take corrective action.

2. Read and comply with all caution and safety-related notes on or inside the receiver cabinet, on the receiver chassis, or on the picture tube.

3. **Design Alteration Warning**- Do not alter or add to the mechanical or electrical design of this TV receiver. Design alterations and additions, including, but not limited to, circuit modifications and the addition of items such as auxiliary audio and/or video output connections, might alter the safety characteristics of this receiver and create a hazard to the user. Any design alterations or additions will void the manufacturer's warranty and will make you, the servicer responsible for personal injury or property damage resulting therefrom.

4. **Picture Tube Implosion Protection Warning**-The picture tube in this receiver employs integral implosion protection. For continued implosion protection, replace the picture tube only with one of the same type and number. Do not remove, install, or otherwise handle the picture tube in any manner without first putting on shatterproof goggles equipped with side shields. People not so equipped must be kept safely away while picture tubes are handled. Keep the picture tube away from your body. Do not handle the picture tube by its neck. Some "in-line" picture tubes are equipped with a permanently attached deflection yoke; because of potential hazard, do not try to remove such "permanently attached" yokes from the picture tube.

5. **Hot Chassis Warning-a.** Some TV receiver chassis are electrically connected directly to one conductor of the AC power cord and may be safely serviced without an isolation transformer only if the AC power plug is inserted so that the chassis is connected to the ground side of the AC power source. To confirm that the AC power plug is inserted correctly, with an AC voltmeter measure between the chassis and a known earth ground. If a voltage reading in excess of 1.0 V is obtained, remove and reinsert the AC power plug in the opposite polarity and again measure the voltage potential between the chassis and a known earth ground. **b.** Some TV receiver chassis normally have 85 V AC (RMS) between chassis and earth ground regardless of the AC plug polarity. These chassis can be safely serviced only with an isolation transformer inserted in the power line between the receiver and the AC power source, for both personnel and test equipment protection. **c.** Some TV receiver chassis have a secondary ground system in addition to the main chassis ground. This secondary ground system is isolated from the AC power line. The two ground systems are electrically separated by insulating material that must not be defeated or altered.

6. Observe original lead dress. Take extra care to assure correct lead dress in the following areas: **a.** near sharp edges, **b.** near thermally hot parts- be sure that leads and components do not touch, **c.** the AC supply, **d.** high voltage, and **e.**antenna wiring. Always inspect in all areas for pinched, out-of-place, or frayed wiring. Do not change spacing between components, and between components and the printed circuit board. Check the AC power cord for damage.

7. Components, parts, and/or wiring that appear to have overheated or are otherwise damaged should be replaced with components, parts, or wiring that meet original specifications. Additionally, determine the cause of overheating and/or damage and, if necessary, take corrective action to remove any potential safety hazard.

8. PRODUCT SAFETY NOTICE
Some electrical and mechanical parts have special safety related characteristics which are often not evident from visual inspection, nor can the protection they give necessarily be obtained by replacing them with components rated for higher voltage, wattage, etc. Parts that have special safety characteristics are identified by shading, by a ¡ , or by ⚠ on schematics and parts lists. Use of a substitute replacement that does not have the same safety characteristics as the recommended replacement parts might create shock, fire, and/or other hazards. Product safety is under review continuously and new instructions are issued whenever appropriate.

ADJUSTMENT INSTRUCTION

1. Application Object

These instructions are applied to SC-023A chassis.

2. Notes

(1) Because this is not a hot chassis, it is not necessary to use an isolation transformer. However, the use of isolation transformer will help protect test instrument.
(2) Adjustment must be done in the correct order.
(3) The adjustment must be performed in the circumstance of 25±5°C of temperature and 65±10% of relative humidity if there is no specific designation.
(4) The input voltage of the receiver must keep (100~240V)±10%, 50/60Hz in adjusting.
(5) The receiver must be operated for about 15 minutes prior to the adjustment. But adjusting on the board can be done in jig state right away.
(6) Signal : The standard color signal is approved in 65±1dBμV.
The standard color signal means digital pattern signal.
(7) If not specified, APC ON is CLEAR.

3. AGC Voltage Adjustment

3.1 Preliminary steps

(1) Input 65dB(±1dB) digital pattern signal into 75Ω antenna terminal.
(2) Connect digital multimeter to the C102 left terminal(with Hole/J5) marking with AGC Check.

3.2 Adjustment

(1) Select the SUB 0(RF AGC) mode with a INSTART Key.
(2) Adjust the adjustment data with VOL +, - key until the digital multimeter voltage show 2.2±0.05V.
(3) CAUTION : Since the signal strength can be easily changed by the condition of signal cable, you need to check the signal strength frequently in order to prevent misadjustment.

4. Screen Voltage Adjustment

4.1 Preliminary steps

(1) Input digital pattern signal into 75Ω terminal.
(2) Set Picture condition to “CLEAR”.

CLEAR
- CONTRAST : 100
- BRIGHTNESS : 50
- COLOR : 50
- SHARPNESS : 50
- TINT : 0

4.2 Adjustment

(1) Press “ADJ” or “SVC” button on the remote control to make one horizontal line.
(2) Turn the Screen volume not to see one horizontal line and turn oppositely until it starts to display.

5. Purity and Convergence Adjustment

5.1 Purity Adjustment

(1) Preliminary steps

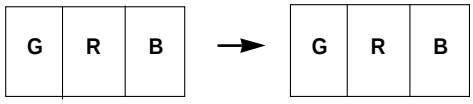
1. Receive Red Raster Pattern.
2. Degauss CPT and Cabinet with degaussing coil.

(2) Horizontal Line Adjustment

1. Pre-adjust Static Convergence(STC) with 4-pole & 6-pole magnet.
2. Check if the beam lands at mask hole by setting two 2-Pole magnets in opposite direction repectively.
3. If not, adjust 2-Pole magnet so the beam as to land at mask hole accurately.

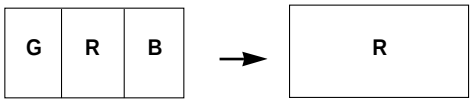
(3) Purity Adjustment

1. Adhere DY closely to CPT.
2. Receive Red Pattern and adjust the 2-Pole magnet so Red Color Bar as to locate center and make the portion of Green color and Blue color same. <Fig. 1>
(Be careful of HALO if two 2-Pole magnet are open over 30 degree)



<Fig. 1>

3. Make the full screen Red by pulling DY back slowly. <Fig. 2>
(When adhering DY, use the electric driver of which turning force is lower than 10Kg/Cm.)



<Fig. 2>

5.2 Convergence Adjustment

(1) Test equipment

1. Degaussing Coil
2. Convergence fixing jig

(2) Preliminary steps

1. Heat run over 30 minutes before adjustment.
2. Degauss CPT and Cabinet with degaussing coil.
3. Rececive Cross Hatch Pattern.
4. Adjust Contrast and Brightness for easy observation.

(3) Static Convergence (STC) Adjustment

1. Receive Crosshatch Pattern.
2. Adjust Focus with focus volume.
3. Open two 4-Pole magnets until vertical Red and Blue lines are unified.
4. Rotate the 4-Pole magnets keeping the angle between two 4-Pole magnets until horizontal Red and Blue lines are unified.
5. Open two 6-Pole magnets until vertical Red and Green lines are unified.

6. Rotate the 6-Pole magnets keeping the angle between two 6-Pole magnets until horizontal Red and Blue lines are unified.

(4) Dynamic Convergence (DYC) Adjustment

1. Vertical Line Adjustment : Adjust by moving DY right and left.
2. Horizontal Line Adjustment : Adjust by moving DY up and down.

Content		Specification			
Convergence					
Location		14”	15”	20”	21”
C	Colors	-	-	-	-
L,R,X,Y	Colors	0.8	0.8	0.8	0.8
A,B,D,E	Colors	0.8	0.8	0.8	0.8
3,6,9,12	Colors	1.0	1.0	1.0	1.0
2,4,8,10	Colors	1.4	1.4	1.4	1.4

Colors : R/B, R/G, B/G <Unit : mm>

Condition

10 12 2
A X B
9 L C R 3
D Y E
8 6 4

★ Each indicator stands for the 30ø circle.

● Adjust after warming the Braun tube up for 15 minutes.

● Adjust position is the center of the circle above.

● The specification of horizontal and vertical direction is equal

6. White Balance Adjustment

6.1 Test Equipment

(1) Automatic White Balance meter(Can generate Low/High light pattern)
(2) White Balance meter(CRT color Analyzer, CA-100)
(3) SVC Remote control for adjustment

6.2 Preliminary steps

Do screen adjustment first.

6.3 Adjustment

(1) White Balance should be adjusted with the SVC remote control.
(2) Enter into adjustment mode by “INSTART” button.
(3) Adjust the item with CH ▲,▼.
(4) Adjust the data with VOL ◀, ▶.

(5) Adjustment Procedure

1. Adjust “CONTRAST” and “BRIGHT” so the bright level to be 35Ft_L.
2. Select G-DRIVE(SUB 7) and adjust Y coordinate in High Light and select B-DRIVE(SUB 8) and adjust X coordinate so the color coordinates in High light as to be the values in Table below.
3. Adjust “CONTRAST” and “BRIGHT” so the bright level to be 4.5Ft_L.
4. Select G-CUT(SUB 5) and adjust Y coordinate in Low Light and select B-CUT(SUB 6) and adjust X coordinate so the color coordinates in Low light as to be the values in Table below.
5. Repeat 1 ~ 4 until the color coordinates in High and Low color satisfies the Table.
6. Check the adjusted color coordinates with the white balance meter.

Color temperature	MPCD	X Coordinate	Y Coordinate
13,000 ¡ 800	¡ 10	0.266 ¡ 0.008	0.282 ¡ 0.008

7. Focus Voltage Adjustment

Adjust after operating the receiver enough.

7.1 Preliminary steps

(1) Receive Digital Pattern.
(2) Set Picture condition to “CLEAR”.

7.2 Adjustment

Adjust center focus with upper Focus volume and adjust corner focus with lower Focus volume.
Repeatedly adjust focus until getting proper focus.

8. Sub-Brightness Adjustment

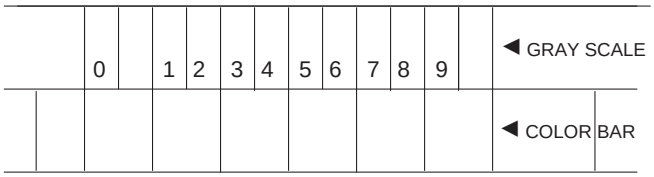
Do white balance adjustment first.

8.1 Preliminary steps

(1) Receive Mono Scope.
(2) Set Picture condition to “CLEAR”.

8.2 Adjustment

(1) Select “SUB BRI” mode pressing “ADJ” button on the SVC Remote control.
(2) Adjust until number “2” almost disappears on Gray Scale of Mono Scope signal by VOL ◀, ▶ key.
Adjust 21” FLAT Model until number “3” almost disappears.



MONO SCOPE

9. Sub-Tint Adjustment

This adjustment must be done when the TINT is on.

(1) Receive SMPTE.
(2) Select the TINT adjustment mode(Sub-Tint) with the ADJ key(or SVC key).
(3) Adjust the up and down cyan color same with VOL ◀, ▶ key.

10. Deflection Data Adjustment

10.1 Preliminary Steps

(1) Set the Deflection data with the SVC Remote control.
(2) Enter into Deflection adjustment mode by “INSTART” button.
(3) Use “CH▲”, “CH▼” button for changing adjustment item
(4) Use “VOL◀, VOL▶” button for Data change.

10.2 Adjustment

(1) Horizontal Position Adjsutment

Select SUB 1(H POSIT) and adjust until left and right screen are symmetrically equal.

(2) Vertical Position Adjustment

Select SUB 2(V-POS) and adjust until the mechanical center point and the center of screen unite.

(3) Vertical Size Adjustment

Select SUB 3(V SIZ) and adjust until the smaller inscribed circle of Digital Pattern coincides with the outer frame of screen as figure below.

11. IIC BUS Adjustment Data Table

11.1 21¡ FLAT Model

Menu	OSD	Adjustment	Range	Initial setting	Remark
S - 0	RF AGC	AGC Voltage Adj.	0 ~ 63	50	Necessary
S - 1	H POSIT	Horizontal Postilion	0 ~ 31	13	Necessary
S - 2	V-POS	Vertical Position	0 ~ 7	3	Necessary
S - 3	V SIZE	Vertical SIZE	0 ~ 63	53	Necessary
S - 4	R-CUT	R CUT OFF	0 ~ 255	128	Necessary
S - 5	G-CUT	G CUT OFF	0 ~ 255	128	Necessary
S - 6	B-CUT	B CUT OFF	0 ~ 255	128	Necessary
S - 7	G-DRIVE		0 ~ 127	64	Necessary
S - 8	B-DRIVE		0 ~ 127	64	Necessary
S - 9	V CENTE		0 ~ 63	36	Unnecessary
S - 10	V LINEA		0 ~ 15	9	Unnecessary
S - 11	V S COR		0 ~ 15	7	Unnecessary
S - 12	AFC GAI		0 ~ 3	0	Unnecessary
S - 13	ABL GAI		0 ~ 3	3	Unnecessary
S - 14	YPL		0 ~ 1	1	Unnecessary
S - 15	C-GAMMA		0 ~ 1	1	Unnecessary
S - 16	N MATRI		0 ~ 3	1	Unnecessary
S - 17	A-SHARP		0 ~ 7	3	Unnecessary
S - 18	RGBMUTE		0 ~ 1	0	Unnecessary
S - 19	AU GAIN		0 ~ 1	0	Unnecessary
S - 20	MIX GAI		0 ~ 1	0	Unnecessary
S - 21	Y-GAMMA		0 ~ 3	3	Unnecessary
S - 22	BLK STR		0 ~ 3	3	Unnecessary
S - 23	Y DL		0 ~ 7	1	Unnecessary
S - 24	ABL POI		0 ~ 3	0	Unnecessary
S - 25	BPT-TOF		0 ~ 1	1	Unnecessary
S - 26	V AGC		0 ~ 1	0	Unnecessary
S - 27	V R BIA		0 ~ 1	1	Unnecessary
S - 28	SYN SEP		0 ~ 1	0	Unnecessary
S - 29	OVER MOD		0 ~ 1	0	Unnecessary
S - 30		Inside TEST Pattern			Unnecessary
S - 31	OSD POSITION		0 ~ 70	17	Unnecessary

* Adjustment is necessary from SUB 0 to SUB 8 and the OSD is Blue.
* Adjustment is unnecessary from SUB 9 to SUB 30 and the OSD is Red.

11.2 14/20/21¡ ÐNormal Model

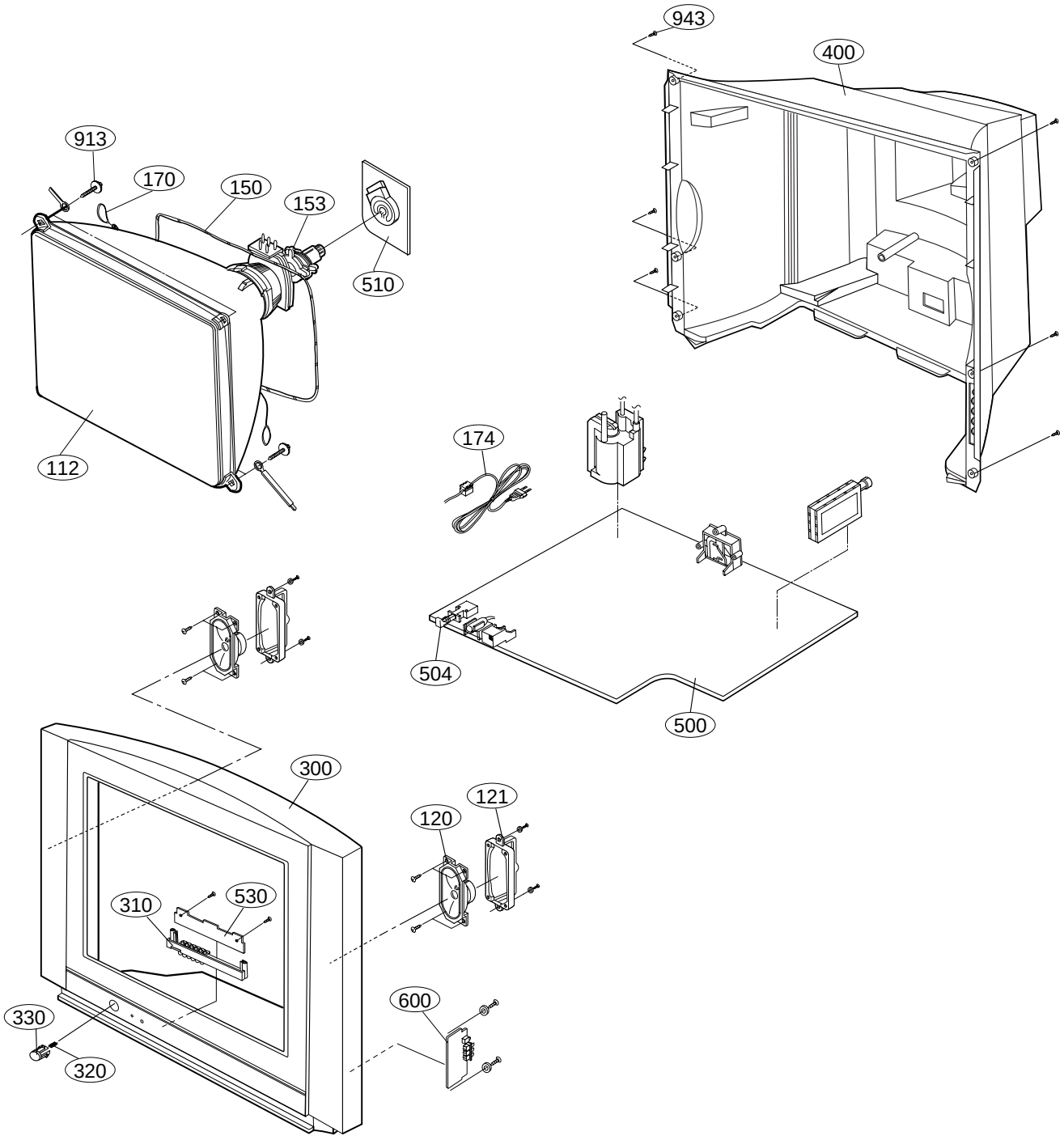
Menu	OSD	Adjustment	Range	Initial setting	Remark
S - 0	RF AGC	AAGC Voltage Adj.	0 ~ 63	50	Necessary
S - 1	H POSIT	Horizontal Postilion	0 ~ 31	15	Necessary
S - 2	V-POS	Vertical Position	0 ~ 7	3	Necessary
S - 3	V SIZE	Vertical SIZE	0 ~ 63	40	Necessary
S - 4	R-CUT	R CUT OFF	0 ~ 255	128	Necessary
S - 5	G-CUT	G CUT OFF	0 ~ 255	128	Necessary
S - 6	B-CUT	B CUT OFF	0 ~ 255	128	Necessary
S - 7	G-DRIVE		0 ~ 127	64	Necessary
S - 8	B-DRIVE		0 ~ 127	64	Necessary
S - 9	V CENTE		0 ~ 63	36	Unnecessary
S - 10	V LINEA		0 ~ 15	9	Unnecessary
S - 11	V S COR		0 ~ 15	3	Unnecessary
S - 12	AFC GAI		0 ~ 3	0	Unnecessary
S - 13	ABL GAI		0 ~ 3	3	Unnecessary
S - 14	YPL		0 ~ 1	1	Unnecessary
S - 15	C-GAMMA		0 ~ 1	1	Unnecessary
S - 16	N MATRI		0 ~ 3	1	Unnecessary
S - 17	A-SHARP		0 ~ 7	3	Unnecessary
S - 18	RGBMUTE		0 ~ 1	0	Unnecessary
S - 19	AU GAIN		0 ~ 1	0	Unnecessary
S - 20	MIX GAI		0 ~ 1	0	Unnecessary
S - 21	Y-GAMMA		0 ~ 3	3	Unnecessary
S - 22	BLK STR		0 ~ 3	2	Unnecessary
S - 23	Y DL		0 ~ 7	1	Unnecessary
S - 24	ABL POI		0 ~ 3	0	Unnecessary
S - 25	BPT-TOF		0 ~ 1	1	Unnecessary
S - 26	V AGC		0 ~ 1	0	Unnecessary
S - 27	V R BIA		0 ~ 1	1	Unnecessary
S - 28	SYN SEP		0 ~ 1	0	Unnecessary
S - 29	VOL ATT		0 ~ 127	86	Unnecessary
S - 30	OVER MOD		0 ~ 1	0	Unnecessary
S - 31		Inside TEST Pattern			Unnecessary
S - 32	OSD POSITION		0 ~ 70	17	Unnecessary

* Adjustment is necessary from SUB 0 to SUB 8 and the OSD is Blue.
* Adjustment is unnecessary from SUB 9 to SUB 31 and the OSD is Red.

12. IIC BUS SUB Adjustment Data Table

Menu	OSD	Adjustment	Range	Initial setting	Remark
1	SUB-BRIGHTNESS		0 ~ 100	50	Necessary
2	SUB-TINT		-20(R) ~ +20(G)	0	Unnecessary
3	SUB-CONTRAST		0 ~ 15	15	Unnecessary

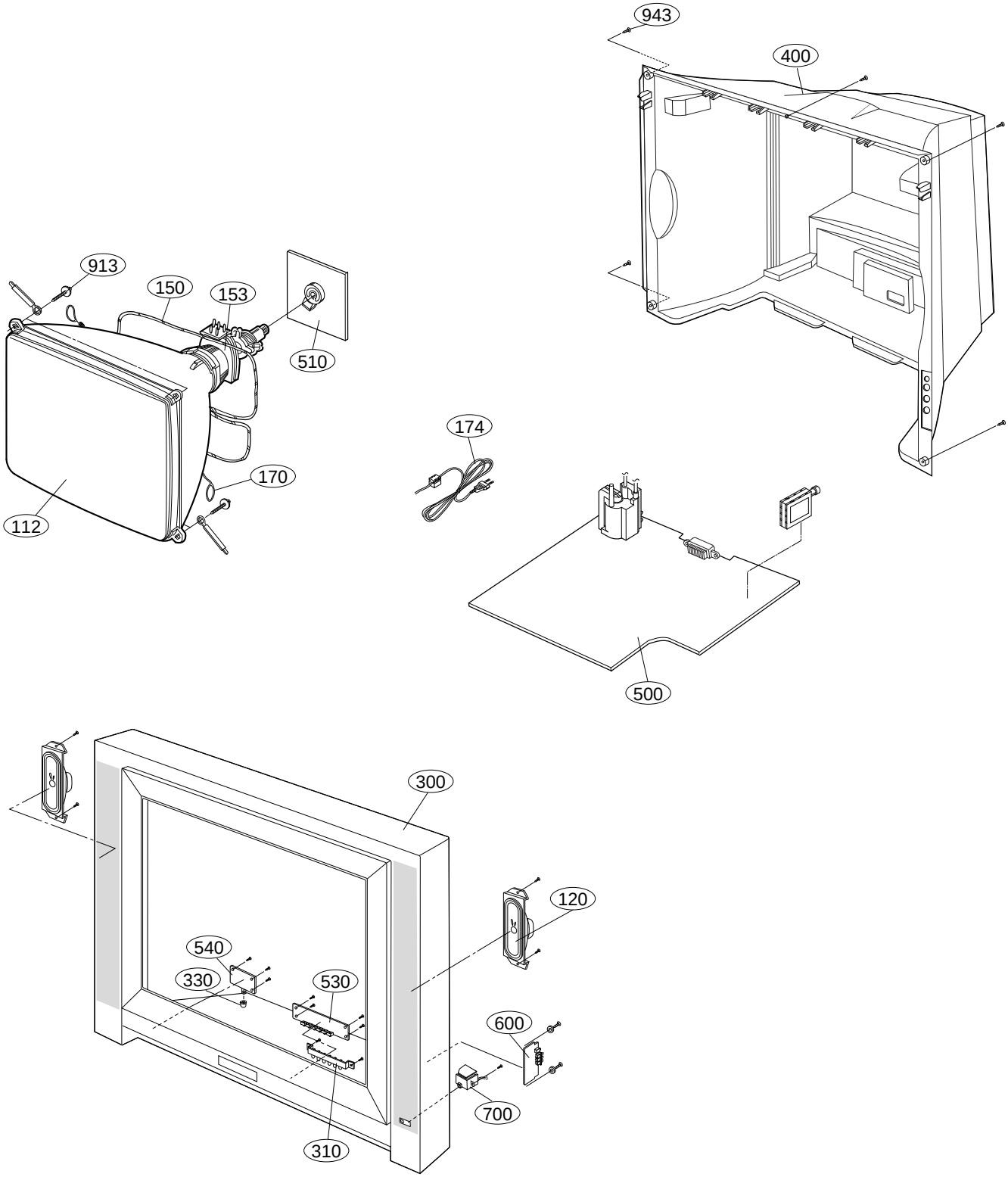
EXPLODED VIEW(RP-21FB70)



EXPLODED VIEW PARTS LIST

No.	Part No.	Description
112	2426GDB30CA	CPT SET,A51QDJ279X(PB) 00Q7NP FREE,BARE
120	120-C77M	SPEAKER,FULLRANGE C122P02K1459 ESTEC 8 OHM 10/15W 130DB
121	4810V00088A	BRACKET,SPEAKER CE-29K30 NON PP NONE
150	6140VC2001M	COIL,DEGAUSSING 50TURN 11OHM MC019A 21 CU
153	6150Z-1223A	DY,DC21SPFL3 21FCD PIN FREE
170	170-A01N	CPT EARTH,21 64T 2LUG 1P HSG CL-21Q20ET(PC-99DA)
174	174-019N	POWER CORD,POWER(W/HOLDER,HOUSING L=200)
300	3091V00627D	CABINET ASSEMBLY,RP-21FB70 STEREO SC023A IN LOCAL
310	5020V00905A	BUTTON,CONTROL RT-21FB70 ABS, HF-380 6KEY LGEIN EXPORT
320	320-062H	SPRING,COIL
330	5020V00906A	BUTTON,POWER RT-21FB70 ABS, HF-380 6KEY LGEIN EXPORT
400	3809V00431D	BACK COVER ASSEMBLY,RP-21FB70 DVD(1PHONE) IN LOCAL
500	3141VMNN35T	CHASSIS ASSEMBLY,MAIN SC023A 21F/ST/S(EAR)/DVD(11P)/FB70/LGEIN
504	351-015A	LINK,POWER,S/W
510	6871VSN175B	PCB ASSEMBLY,SUB CRTMIN SC023A 21 FLAT
530	6871VSMQ37B	PCB ASSEMBLY,SUB CONT SC023A FB70(CONTROL+LED)/LGEIN
600	6871VSMY81B	PCB ASSEMBLY,SUB A/V SC023A SIDE/ST/FB70/LGEIN
912	332-240B	SCREW,DRAWING P TYPE D4.0 16.0MM FZMY-1 WITH WASHER D14
913	332-057B	SCREW ASSY,HEXAGON HEAD
943	1PTF0403116	SCREW TAP TITE(P),TRUSS HEAD

EXPLODED VIEW(Lafinion 55)



EXPLODED VIEW PARTS LIST

No.	Part No.	Description
112	2426GDB30CA	CPT SET,A51QDJ279X(PB) 00Q7NP FREE,BARE
	6341V21010A	BARE CPT ASSEMBLY *LGETT
120	6400VA0025C	SPEAKER,FULLRANGE C163P03K1450 8OHM 15/20W
150	6140VC2001M	COIL,DEGAUSSING 50TURN 11OHM MC019A 21 CU
153	6150Z-1223A	DY,DC21SPFL3 21FCD PIN FREE
170	170-A01N	CPT EARTH,21 64T 2LUG 1P HSG CL-21Q20ET(PC-99DA)
174	174-019V	POWER CORD,UL L=250 W/HOLD,HOUSING POWER(W/HOLD,HOUSING)
	6410VTH002B	POWER CORD *LGETT
300	3091V00521L	CABINET ASSEMBLY,RP-21FC40 STEREO SC023A CKD FOR PPN
	3091V00521S	CABINET ASSEMBLY *LGETT
310	5020V00837C	BUTTON,CONTROL RT-21FC40 (#79A) ABS, HF-380 6KEY NON
330	5020V00553Q	BUTTON,POWER RT-21FC40RQ (#79A SPARY) ABS, HF-380 1KEY NON
400	3809V00363E	BACK COVER ASSEMBLY,RP-21FC40 DVD(1PHONE) CKD
	3809V00363H	BACK COVER ASSEMBLY *LGETT
500	3141VMNN35Q	CHASSIS ASSEMBLY,MAIN 21F/ST/S(EAR)/DVD(11P)/EYE/FC40/LGEIN
	3141VMNS61A	CHASSIS ASSEMBLY,MAIN SC023A *LGETT
510	6871VSN175B	PCB ASSEMBLY,SUB CRTMIN SC023A 21 FLAT
	6871VSN175A	PCB ASSEMBLY,SUB CRTMIN SC023A *LGETT
530	6871VSMQ36C	PCB ASSEMBLY,SUB CONT SC023A FC40/CONTROL+LED/LGEIN
	871VSMQ54B	PCB ASSEMBLY,SUB CONT SC023A *LGETT
540	6871VSMQ35C	PCB ASSEMBLY,SUB PSW SC023A 21FC40/LGEIN
	6871VSMQ55B	PCB ASSEMBLY,SUB PSW SC023A *LGETT
600	6871VSMQ34C	PCB ASSEMBLY,SUB A/V SC023A SIDE(ST)/FC40/LGEIN
	6871VSMQ51D	PCB ASSEMBLY,SUB A/V SC023A SIDE *LGETT
700	0IGL120104J	IC,DRAWING YGCA-T065A DIP 6P
912	332-240B	SCREW,DRAWING P TYPE D4.0 16.0MM FZMY-1 WITH WASHER D14
913	332-057B	SCREW ASSY,HEXAGON HEAD
943	1PTF0403116	SCREW TAP TITE(P),TRUSS HEAD

REPLACEMENT PARTS LIST

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RN : Metal Film
RF : Fusible

RUN DATE : 2004.5.12

LOCA. NO	PART NO	DESCRIPTION
IC		
IC02	0IMCRAL011A	AT24C0410PI2.7 8P PDIP ST EEPROM 4K
IC03	0IFA754207A	KA75420ZTA 3P,TO92 TP 4.2V
IC04	0IKE780500P	KIA78L05BP(AT) 3P 5V,150MA
IC201	0ISA795600A	LA7956 9P,SIP BK VIDEO SWITCH
IC301	0IPRPSA006A	LA78040 7Z BK 1.5A VERT. OUT
IC501	0ICTMTO001C	A8823CPNG5AJ4 64P ST SC023A STEREO
"	0ICTMTO010A	A8823CPNG4PR8 64 DIP *LGETT
IC601	0ISG729700A	TDA7297 15P,SIP BK 2CH 15W DUAL AMP
"	0ISG726600A	TDA7266S 15 SIP SOUND AMP *LGETT
IC603	0ISA722200A	LA7222 (1280 AUDIO)
IC604	0IFA754207A	KA75420ZTA 3P,TO92 TP 4.2V
IC661	0IMCRMN013A	MSP3425G PO B8 V3 52P ST SOUND
IC662	0IFA753307A	KA75330ZTA 3P,TO92 TP 3.3V
IC801	0ILI817000G	LTV817MVB 4P,DIP BK PHOTO COUPLER
IC802	0ILI817000G	LTV817MVB 4P,DIP BK PHOTO COUPLER
IC803	0ISK665413C	STRF6654R(LF1352) 5 SIP BK STR
IC804	0ISS781200H	KA78R12 4P,TO220F BK LOW DROP 12V
IC805	0ISK110000A	SE110N(LF12) 3P 110V ERROR AMP
TRANSISTOR		
Q101	0TR319709AB	KTC3197,TP(KTC388A),KEC
Q102	0TR945009AA	KSC945CY TO92 50V 150MA
Q12	0TR103009AD	KRC103M(AT) TO92M TP KEC
Q13	0TR733009AA	KSA733CY TP SAMSUNG TO92
Q16	0TR102009AB	KRC102M(KRC1202)
Q191	0TR733009AA	KSA733CY TP SAMSUNG TO92
Q192	0TR945009AA	KSC945CY TO92 50V 150MA
Q220	0TR945009AA	KSC945CY TO92 50V 150MA
Q241	0TR733009AA	KSA733CY TP SAMSUNG TO92
Q301	0TR103009AD	KRC103M(AT) TO92M TP KEC
Q401	0TR322809AA	KTC32280 TP(KTC2383),KEC
Q402	0TRSA00001A	SANYO 2SD2627 BK TO220F 1500V 6A
Q403	0TR421009CB	BF421L(AMMO)TO92 TP PHILIPS
Q504	0TR945009AA	KSC945CY TO92 50V 150MA
Q621	0TR945009AA	KSC945CY TO92 50V 150MA
Q671	0TR198009BA	2SA1980Y TP AUK
Q672	0TR198009BA	2SA1980Y TP AUK
Q901	0TR233009CA	KSC2330Y TP SAMSUNG TO92L
Q902	0TR233009CA	KSC2330Y TP SAMSUNG TO92L
Q903	0TR233009CA	KSC2330Y TP SAMSUNG TO92L
Q904	0TR127509AC	KTA1275Y TP(KTA1013),KEC
DIODE		
D22	0DS113379BA	1SS133 T72 DO34 90V
D23	0DS113379BA	1SS133 T72 DO34 90V
D301	0DD150009CA	RGP15J
D302	0DD400509AA	1N4005 TP KEC

LOCA. NO	PART NO	DESCRIPTION
D303	0DS113379BA	1SS133 T72 DO34 90V
D403	0DS113379BA	1SS133 T72 DO34 90V
D405	0DS113379BA	1SS133 T72 DO34 90V
D501	0DS113379BA	1SS133 T72 DO34 90V
D502	0DS113379BA	1SS133 T72 DO34 90V
D505	0DR149379AA	1N4937G TP LITEON 200NSEC 5UA
D802	0DD100009AM	EU1ZV(1) TP SANKEN
D803	0DS113379BA	1SS133 T72 DO34 90V
D805	0DS113379BA	1SS133 T72 DO34 90V
D806	0DD300009AC	RU3AMV(1) TP SANKEN
D810	0DD100009AM	EU1ZV(1) TP SANKEN
D813	0DD300009AC	RU3AMV(1) TP SANKEN
D814	0DD420000BB	D4L20U SHINDENGEN
D824	0DD420000BB	D4L20U SHINDENGEN
D901	0DR140039AC	1N4003E A405 200V 1A
DB813	0DD260000BB	BRIDGE D2SBA60(STK) SHINDENKEN
LD1301	0DL100000AE	LED,SA5711(DL1LO) BK AMBER
"	0DD000000BA	SA5711B *Lafinion 55
ZD102	0DZ510009BF	ZENERS,GDZ5.1B
ZD103	0DZ300009AG	ZENERS,GDZJ30B
ZD403	0DZ910009BD	ZENERS,GDZJ9.1B
ZD407	0DZ910009BD	ZENERS,GDZJ9.1B
ZD412	0DZ910009BD	ZENERS,GDZJ9.1B
ZD501	0DZ510009BF	ZENERS,GDZ5.1B
ZD502	0DZ910009BD	ZENERS,GDZJ9.1B
ZD503	0DZ910009BD	ZENERS,GDZJ9.1B
ZD504	0DZ910009BD	ZENERS,GDZJ9.1B
ZD601	0DZ510009BF	ZENERS,GDZ5.1B
ZD602	0DZ750009BE	ZENERS,GDZJ7.5B
ZD801	0DZ510009BF	ZENERS,GDZ5.1B
CAPACITOR		
C1	0CC1800K415	18P 50V J NPO TP
C101	0CN1030F679	10000P 16V M Y
C102	0CN1030F679	10000P 16V M Y
C103	0CE106DK618	10UF STD 50V M
C104	0CN1030F679	10000P 16V M Y
C105	0CN1030F679	10000P 16V M Y
C106	0CN1030F679	10000P 16V M Y
C107	0CN1020K519	1000P 50V K B
C108	0CE108DD618	1000UF STD 10V M
C109	0CE225DK618	2.2UF STD 50V 20%
C110	0CN1040K949	0.1UF D 50V 80%, -20%
C111	0CE106DF618	10UF STD 16V M
C114	0CN1040K949	0.1UF D 50V 80%, -20%
C116	0CN1030F679	10000P 16V M Y
C117	0CE107DF618	100UF STD 16V M
C119	0CE106DK618	10UF STD 50V M
C12	0CN1030F679	10000P 16V M Y

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LOCA. NO	PART NO	DESCRIPTION
C120	0CE476DF618	47UF STD 16V M
C1203	0CE476DF618	47UF STD 16V M
C1204	0CE476DF618	47UF STD 16V M
C121	0CE106DK618	10UF STD 50V M
C124	0CE474DK618	0.4700UF STD 50V M
C125	0CN4710K519	470P 50V K B
C130	0CN4710K519	470P 50V K B
C1301	0CE476DF618	47UF STD 16V M
C1302	0CK1030K945	0.01UF 50V Z F TR
C1303	0CN1030F679	10000P 16V M Y
C131	0CN4710K519	470P 50V K B
C165	0CN1030F679	10000P 16V M Y
C191	0CE106DF618	10UF STD 16V M
C192	0CN2220F569	2200P 16V K X
C193	0CN3920F569	3900P 16V K X
C194	0CN1020K519	1000P 50V K B
C195	0CQ1021N509	0.001UF D 100V 10%
C2	0CC1800K415	18P 50V J NPO TP
C204	0CE475DK618	4.7UF STD 50V 20%
C210	0CQ1041N509	0.1UF D 100V 10%
C211	0CQ1041N509	0.1UF D 100V 10%
C212	0CQ1041N509	0.1UF D 100V 10%
C215	0CE225CK636	2.2UF SHL,SD 50V 20%
C216	0CE475DK618	4.7UF STD 50V 20%
C217	0CE475DK618	4.7UF STD 50V 20%
C218	0CE475CK636	4.7UF SHL,SD 50V 20%
C219	0CE475CK636	4.7UF SHL,SD 50V 20%
C220	0CE106DF618	10UF STD 16V M
C224	0CE106DF618	10UF STD 16V M
C246	0CE337DD618	330UF STD 10V M
C270	0CE106DF618	10UF STD 16V M
C280	0CE475DK618	4.7UF STD 50V 20%
C281	0CE475DK618	4.7UF STD 50V 20%
C285	0CE106DF618	10UF STD 16V M
C286	0CE106DF618	10UF STD 16V M
C301	0CQ3921N409	0.0039UF D 100V 5%
C302	0CQ1221N419	0.0012UF D 100V 5%
C303	0CK4710W515	470PF 500V K B TR
C306	0CQ4731N509	0.047UF D 100V 10%
C307	0CE107DJ618	100UF STD 35V M
C308	0CE476DD618	47UF STD 10V 20%
C309	0CE477DJ618	470UF STD 35V 20%
C310	0CQ1041N509	0.1UF D 100V 10%
C311	0CE228DH610	2200UF STD 25V M FL BULK
C312	0CE474DK618	0.4700UF STD 50V M
C313	0CE107DD618	100UF STD 10V M
C314	0CQ4731N509	0.047UF D 100V 10%
C316	181-007H	MPE ECQV1H474JL3(TR), 50V 0.47UF J
C4	0CE107DD618	100UF STD 10V M
C40	0CE107DD618	100UF STD 10V M
C401	0CQ8221N519	0.0082UF D 100V 10%
C403	0CE474DK618	0.4700UF STD 50V M

LOCA. NO	PART NO	DESCRIPTION
C404	0CK4710W515	470PF 500V K B TR
C406	0CE107DF618	100UF STD 16V M
C407	0CE106DH618	10UF STD 25V M
C408	0CE225DP618	2.2UF STD 160V 20%
C409	0CE227DD618	220UF STD 10V M
C412	181-013V	M/PP 0.39UF 400V 5%
"	181-013P	MPP 400V 0.33UF J *LGETT
C413	0CK2220W515	2200P 500V K B TS
C414	181-015E	MPP 1600V 0.0068UF H
"	181-015D	MPP 1600V 0.0062UF H *LGETT
C417	181-091U	R 220PF 2KV 10%,10%
C5	0CN1030F679	10000P 16V M Y
C50	0CN1010K519	100P 50V K B
C502	0CQ2221N509	0.0022UF D 100V 10%
C503	0CE224DK618	0.2200UF STD 50V M
C506	0CE106DF618	10UF STD 16V M
C51	0CN1010K519	100P 50V K B
C511	0CE226DK618	22UF STD 50V M
C512	0CE105DK618	1UF STD 50V M
C513	181-007C	MPE ECQV1H104JL3(TR), 50V 0.1UF J
C514	181-009R	PP 200V 0.022UF K
C517	0CE107DD618	100UF STD 10V M
C523	0CE107DD618	100UF STD 10V M
C524	0CE105DK618	1UF STD 50V M
C54	0CN1030F679	10000P 16V M Y
C540	0CE106DR618	10UF STD 250V M
C552	0CE105DK618	1UF STD 50V M
C56	0CN2210K519	220P 50V K B
C601	0CE226DF618	22UF STD 16V M
C602	181-007F	MPE ECQV1H224JL3(TR), 50V 0.22UF J
C603	0CQ1221N419	0.0012UF D 100V 5%
"	0CQ1021N509	0.001UF D 100V 10% *LGETT
C605	0CQ1221N419	0.0012UF D 100V 5%
"	0CQ1021N509	0.001UF D 100V 10% *LGETT
C606	181-007F	MPE ECQV1H224JL3(TR), 50V 0.22UF J
C607	0CN1030F679	10000P 16V M Y
C611	0CN1030F679	10000P 16V M Y
C612	0CE227DH618	220UF STD 25V M
"	0CE477DH618	470UF STD 25V M *LGETT
C661	0CN4710K519	470P 50V K B
C662	0CN4710K519	470P 50V K B
C663	0CE227DD618	220UF STD 10V M
C664	0CN1030F679	10000P 16V M Y
C665	0CN1030F679	10000P 16V M Y
C666	0CE335DK618	3.3UF STD 50V 20%
C667	0CN3320F569	3300P 16V K X
C668	0CN3320F569	3300P 16V K X
C669	0CE226DF618	22UF STD 16V M
"	0CE107DF618	100UF STD 16V M *LGETT
C670	0CE106DF618	10UF STD 16V M
C672	0CE106DF618	10UF STD 16V M
C673	0CN1030F679	10000P 16V M Y

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LOCA. NO	PART NO	DESCRIPTION
C674	0CN1030F679	10000P 16V M Y
C675	0CE106DF618	10UF STD 16V M
C680	0CN1030F679	10000P 16V M Y
C681	0CE106DF618	10UF STD 16V M
C684	0CN1030F679	10000P 16V M Y
C685	0CE106DF618	10UF STD 16V M
C686	0CX1000K409	10P 50V J SL
“	0CX1500K409	15P 50V J *LGETT
C687	0CX5600K409	56P 50V J SL
C688	0CX5600K409	56P 50V J SL
C689	0CC0200K115	2PF D 50V 0.5 PF NP0 TR
C690	0CC0500K115	5P 50V D NP0 TS
C699	0CE107DD618	100UF STD 10V M
“	0CE107BF618	100UF KME 16V M *LGETT
C801	0CE107BJ618	100UF KME 35V M
C802	181-091P	SL 270PF 1KV 10%,10%
C803	0CK8210W515	820P 500V K B TS
C806	0CN1020K519	1000P 50V K
C809	181-120K	2200PF 4KV M E
C812	181-091Q	R 470PF 1KV 10%,10%
C813	181-091R	R 1000PF 1KV 10%,10%
C814	0CE227BP650	220UF KME TYPE 160V 20%
C816	181-001F	CE 400V 220UF M LUG (85)
“	181-001A	CE 200V 470UF M *LGETT
C817	0CK4710W515	470PF 500V K B TR
C818	0CQ1041N509	0.1UF D 100V 10%
C819	0CE225CK636	2.2UF SHL,SD 50V 20%
C820	181-091Q	R 470PF 1KV 10%,10%
C823	0CK2210K515	220P 50V K B TS
C826	0CE228DF618	2200UF STD 16V M
C828	0CQZVBK002A	A.C 275V 0.1UF M (S=15)
“	0CQZVBK002C	A.C 275V 0.22UF K *LGETT
C829	0CF1021047A	1000PF D 800V 5%
C830	0CK4710K515	470PF 50V K B TR
C831	0CE108DJ618	1000UF STD 35V M
“	0CE477DJ618	470UF STD 35V 20% *LGETT
C833	0CE227DD618	220UF STD 10V M
“	0CE477DD618	470UF STD 10V M *LGETT
C834	0CK10201515	1000P 1KV K B TS
C835	0CE107CP618	100U SHL 160V M
C837	0CK10201515	1000P 1KV K B TS
C850	0CE108DF618	1000UF STD 16V M
C901	0CE475DR618	4.7UF STD 250V 20%
C902	0CN3310K519	330P 50V K B
C904	0CN2210K519	220P 50V K B
C907	0CN3310K519	330P 50V K B
C908	0CK12202510	1200P 2KV K B S
JACK		
JA01	6612VJH023A	JACK,RCA PPJ126A 11P

LOCA. NO	PART NO	DESCRIPTION
JA1201	6613V00004B	JACK ASSY,3P
JA1202	380-068D	JACK,PHONE UEJCV003
COIL & TRANSFORMER		
J818	0LA0102K119	INDUCTOR,10UH K
L1	0LA0152K119	INDUCTOR,15UH K
L102	0LA0820K119	INDUCTOR,0.82UH K
L104	0LA1000K139	INDUCTOR,100UH K
L1301	0LA0472K119	INDUCTOR,47UH K
L201	0LA0152K119	INDUCTOR,15UH K
L202	0LA0152K119	INDUCTOR,15UH K
L401	6140VE0001V	COIL,LINEARITY 60UH
L402	6140VB0001F	COIL,CHOKE 130UH
L662	0LA0152K119	INDUCTOR,15UH K
L802	150-C02F	COIL,CHOKE 82UH
L901	0LA2700K139	INDUCTOR,270UH 10%
T402	6174V-6006H	FBT,BSC23N0121 15 YINYANG 6006C
T403	151-C02B	TRANSFORMER,HDRIVER EI2519 01UH
T801	6170VMCA13J	TRANSFORMER,SMPS[COIL] EER4215 480UH
RESISTOR		
FR301	0RF0101J607	1 OHM 1 W 5.00%
FR401	0RF0241K607	2.4 OHM 2 W 5.00%
“	0RF0301K607	3 OHM 2 W 5.00 % *LGETT
FR403	0RF0121K607	1.2 OHM 2 W 5.00%
FR501	0RF0101J607	1 OHM 1 W 5.00%
FR805	0RP0020J809	0.02 OHM 1 W 20%
FR816	0RP0050H709	0.05 OHM 1/2 W 10%
J510	0RD2402F609	24K OHM 1/6 W 5.00%
J627	0RD4302F609	43K OHM 1/6 W 5.00%
J628	0RD4302F609	43K OHM 1/6 W 5.00%
J671	0RD1000F609	100 OHM 1/6 W 5%
R100	0RD0752F609	75 OHM 1/6 W 5.00%
R101	0RD1000F609	100 OHM 1/6 W 5%
R102	0RD3601F609	3.6K OHM 1/6 W 5.00%
R103	0RD1201F609	1.2K OHM 1/6 W 5%
R104	0RD0222F609	22 OHM 1/6 W 5.00%
R105	0RD3900F609	390 OHM 1/6 W 5%
R107	0RS1202K607	12K OHM 2 W 5.00%
R11	0RD4701F609	4.7K OHM 1/6 W 5%
R110	0RD1202F609	12K OHM 1/6 W 5%
R1101	0RD3301F609	3.3K OHM 1/6 W 5.00%
R1102	0RD1501F609	1.5K OHM 1/6 W 5%
R1103	0RD3301F609	3.3K OHM 1/6 W 5.00%
R1104	0RD1501F609	1.5K OHM 1/6 W 5%
R111	0RD4701F609	4.7K OHM 1/6 W 5%
R112	0RD1502F609	15K OHM 1/6 W 5.00%
R1204	0RD1500H609	150 OHM 1/2 W 5.00%
R1222	0RD1500H609	150 OHM 1/2 W 5.00%
R123	0RD2200F609	220 OHM 1/6 W 5.00%
R13	0RD4302F609	43K OHM 1/6 W 5.00%

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LOCA. NO	PART NO	DESCRIPTION
R130	0RS0682K607	68 OHM 2 W 5.00%
R1301	0RD1000F609	100 OHM 1/6 W 5%
R1303	0RD9100F609	910 OHM 1/6 W 5.00%
R1304	0RD4700F609	470 OHM 1/6 W 0.05
R1306	0RD4701F609	4.7K OHM 1/6 W 5%
R1307	0RD9100F609	910 OHM 1/6 W 5.00%
R152	0RD1002F609	10K OHM 1/6 W 5%
R153	0RD1001F609	1K OHM 1/6 W 5%
R16	0RD4701F609	4.7K OHM 1/6 W 5%
R19	0RD2200F609	220 OHM 1/6 W 5.00%
R191	0RD3301F609	3.3K OHM 1/6 W 5.00%
R192	0RD8200F609	820 OHM 1/6 W 5.00%
R193	0RD1002F609	10K OHM 1/6 W 5%
R194	0RD1202F609	12K OHM 1/6 W 5%
R195	0RD1003F609	100K OHM 1/6 W 5%
R20	0RD4701F609	4.7K OHM 1/6 W 5%
R203	0RD4302F609	43K OHM 1/6 W 5.00%
R204	0RD1000F609	100 OHM 1/6 W 5%
R207	0RD0822F609	82 OHM 1/6 W 5.00%
R208	0RD1500F609	150 OHM 1/6 W 5.00%
R209	0RD0682F609	68 OHM 1/6 W 5.00%
R21	0RD2200F609	220 OHM 1/6 W 5.00%
R217	0RS0222K607	22 OHM 2 W 5.00%
R218	0RD1000F609	100 OHM 1/6 W 5%
R219	0RD1000F609	100 OHM 1/6 W 5%
R22	0RD4702F609	47K OHM 1/6 W 5%
R220	0RD1000F609	100 OHM 1/6 W 5%
R222	0RD3300F609	330 OHM 1/6 W 5.00%
R225	0RD0752F609	75 OHM 1/6 W 5.00%
R226	0RD3300F609	330 OHM 1/6 W 5.00%
R227	0RD2203F609	220K OHM 1/6 W 5.00%
R228	0RD4302F609	43K OHM 1/6 W 5.00%
R229	0RD2203F609	220K OHM 1/6 W 5.00%
R23	0RD2202F609	22K OHM 1/6 W 5%
R238	0RD4701F609	4.7K OHM 1/6 W 5%
R239	0RD4701F609	4.7K OHM 1/6 W 5%
R24	0RD4701F609	4.7K OHM 1/6 W 5%
R240	0RD1600F609	160 OHM 1/6 W 5.00%
R242	0RD3300F609	330 OHM 1/6 W 5.00%
R244	0RD4700F609	470 OHM 1/6 W 0.05
R247	0RD2400F609	240 OHM 1/6 W 5.00%
R248	0RD2203F609	220K OHM 1/6 W 5.00%
R249	0RD0752F609	75 OHM 1/6 W 5.00%
R25	0RD4701F609	4.7K OHM 1/6 W 5%
R254	0RD0752F609	75 OHM 1/6 W 5.00%
R255	0RD2203F609	220K OHM 1/6 W 5.00%
R256	0RD2203F609	220K OHM 1/6 W 5.00%
R26	0RD1002F609	10K OHM 1/6 W 5%
R28	0RD4701F609	4.7K OHM 1/6 W 5%
R301	0RN4700F409	470 OHM 1/6 W 1.00%
R302	0RD1001H609	1K OHM 1/2 W 5.00%
R303	0RD0561H609	5.6 OHM 1/2 W 5.00%

LOCA. NO	PART NO	DESCRIPTION
“	0RD0471H609	4.7 OHM 1/2 W 5.00% *LGETT
R304	0RD0561H609	5.6 OHM 1/2 W 5.00%
“	0RD0471H609	4.7 OHM 1/2 W 5.00% *LGETT
R305	0RD1202F609	12K OHM 1/6 W 5%
R306	0RD8202F609	82K OHM 1/6 W 5.00%
R307	0RD6801F609	6.8K OHM 1/6 W 5.00%
R308	0RD2002F609	20K OHM 1/6 W 5.00%
R309	0RD6801F609	6.8K OHM 1/6 W 5.00%
R310	0RD0101H609	1 OHM 1/2 W 5.00%
R311	0RD4702F609	47K OHM 1/6 W 5%
R312	0RD1502F609	15K OHM 1/6 W 5.00%
R315	0RS4700H609	470 OHM 1/2 W 5.00%
R316	0RN1001F409	1K OHM 1/6 W 1.00%
R37	0RD4701F609	4.7K OHM 1/6 W 5%
R38	0RD3300F609	330 OHM 1/6 W 5.00%
R39	0RD3300F609	330 OHM 1/6 W 5.00%
R401	0RD0472H609	47 OHM 1/2 W 5.00%
R402	0RD3600F609	360 OHM 1/6 W 5.00%
R403	0RD2001H609	2K OHM 1/2 W 5.00%
R404	0RD1502F609	15K OHM 1/6 W 5.00%
R405	0RS8201K607	8.2K OHM 2 W 5.00%
R406	0RS8201K607	8.2K OHM 2 W 5.00%
R407	0RS1002H609	10K OHM 1/2 W 5.00%
R408	0RD7502F609	75K OHM 1/6 W 5.00%
R409	0RD1002F609	10K OHM 1/6 W 5%
R410	0RD1002F609	10K OHM 1/6 W 5%
R412	0RS0472H609	47 OHM 1/2 W 5.00%
R413	0RD3300H609	330 OHM 1/2 W 5.00%
R414	0RD1002F609	10K OHM 1/6 W 5%
R416	0RS1001J607	1K OHM 1 W 5.00%
R418	0RD1200F609	120 OHM 1/6 W 5.00%
R420	0RD2403F609	240K OHM 1/6 W 5.00%
R421	0RD3000F609	300 OHM 1/6 W 5.00%
R423	0RD1202F609	12K OHM 1/6 W 5%
R48	0RD4701F609	4.7K OHM 1/6 W 5%
R501	0RD3002F609	30K OHM 1/6 W 5.00%
R502	0RD1000F609	100 OHM 1/6 W 5%
R503	0RD1000F609	100 OHM 1/6 W 5%
R504	0RD1000F609	100 OHM 1/6 W 5%
R505	0RD2201F609	2.2K OHM 1/6 W 5.00%
R506	0RD2204F609	2.2M OHM 1/6 W 5.00%
R507	0RD1001F609	1K OHM 1/6 W 5%
R508	0RD1600F609	160 OHM 1/6 W 5.00%
R509	0RD2700F609	270 OHM 1/6 W 5%
R511	0RD1500F609	150 OHM 1/6 W 5.00%
R512	0RD6800F609	680 OHM 1/6 W 5%
R514	0RD2203F609	220K OHM 1/6 W 5.00%
R521	0RD3900F609	390 OHM 1/6 W 5%
R522	0RS0222K607	22 OHM 2 W 5.00%
R524	0RS0332K607	33 OHM 2 W 5.00%
R526	0RD3301F609	3.3K OHM 1/6 W 5.00%
R527	0RD3301F609	3.3K OHM 1/6 W 5.00%

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

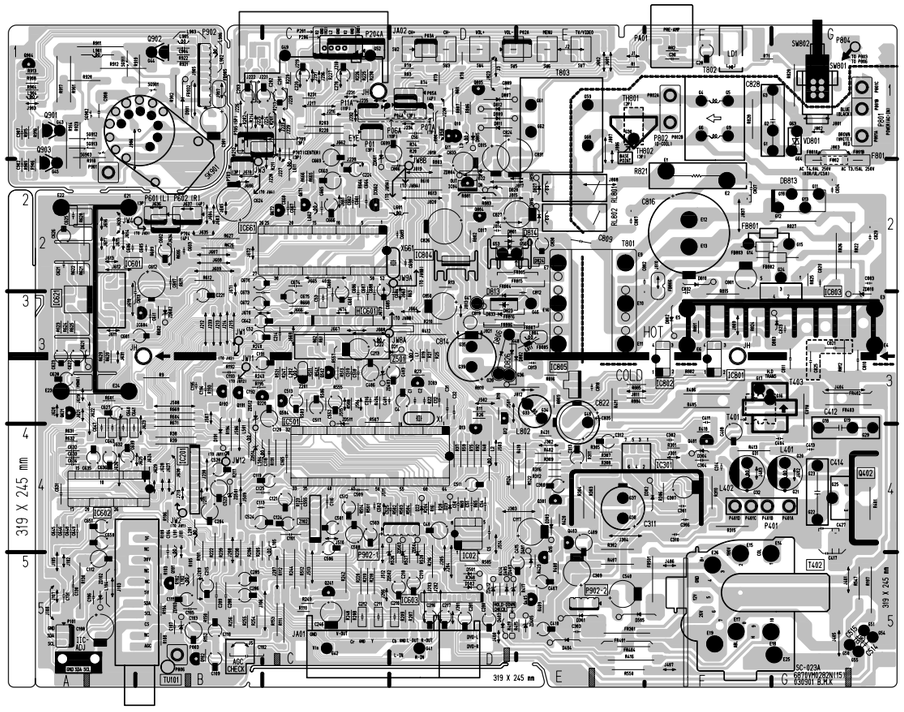
RD : Carbon Film
RS : Metal Oxide Film
RN : Metal Film
RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
R528	0RD3301F609	3.3K OHM 1/6 W 5.00%
R541	0RD3300F609	330 OHM 1/6 W 5.00%
R547	0RD7502H609	75K OHM 1/2 W 5.00%
R550	0RS1002H609	10K OHM 1/2 W 5.00%
R557	0RD1600F609	160 OHM 1/6 W 5.00%
R59	0RD2200F609	220 OHM 1/6 W 5.00%
R601	0RD4701F609	4.7K OHM 1/6 W 5%
R602	0RD1002F609	10K OHM 1/6 W 5%
R606	0RD9101F609	9.1K OHM 1/6 W 5.00%
R609	0RD9101F609	9.1K OHM 1/6 W 5.00%
R610	0RS0682K607	68 OHM 2 W 5.00%
R611	0RD4702F609	47K OHM 1/6 W 5%
R612	0RD4702F609	47K OHM 1/6 W 5%
R613	0RD0152H609	15 OHM 1/2 W 5.00%
R626	0RD3301F609	3.3K OHM 1/6 W 5.00%
“	0RD2201F609	2.2K OHM 1/6 W 5.00% *LGETT
R627	0RD3301F609	3.3K OHM 1/6 W 5.00%
“	0RD2201F609	2.2K OHM 1/6 W 5.00% *LGETT
R65	0RD3300F609	330 OHM 1/6 W 5.00%
R664	0RD1002F609	10K OHM 1/6 W 5%
R665	0RD3901F609	3.9K OHM 1/6 W 5%
R666	0RD3901F609	3.9K OHM 1/6 W 5%
R671	0RD1002F609	10K OHM 1/6 W 5%
R69	0RD3300F609	330 OHM 1/6 W 5.00%
R71	0RD1002F609	10K OHM 1/6 W 5%
R73	0RD1002F609	10K OHM 1/6 W 5%
R80	0RD4700F609	470 OHM 1/6 W 0.05
R801	0RD3301F609	3.3K OHM 1/6 W 5.00%
R809	0RD4702F609	47K OHM 1/6 W 5%
R810	0RS0470K607	0.47 OHM 2 W 5.00%
R812	0RKZVTA001C	8.2M OHM 1/2 W 5%
R815	0RD0511H609	5.1 OHM 1/2 W 5.00%
R821	180-A03Q	RW RECT G 7W 1.0 J
R822	0RS5602K607	56K OHM 2 W 5.00%
R824	0RD4701F609	4.7K OHM 1/6 W 5%
R825	0RD1001F609	1K OHM 1/6 W 5%
R826	180-A01D	RW ROUND G 2W 0.16 J
R827	0RS5602K607	56K OHM 2 W 5.00%
R828	0RKZVTA001K	0.47 OHM 1/2 W 5%
R881	0RD1500H609	150 OHM 1/2 W 5.00%
R882	0RD2001F609	2K OHM 1/6 W 5%
R884	0RD1201F609	1.2K OHM 1/6 W 5%
R885	0RD2201F609	2.2K OHM 1/6 W 5.00%
R902	0RD1004H609	1M OHM 1/2 W 5.00%
R904	0RD1501F609	1.5K OHM 1/6 W 5%
R905	0RD4300F609	430 OHM 1/6 W 5.00%
R906	0RD1000F609	100 OHM 1/6 W 5%
R908	0RD1801F609	1.8K OHM 1/6 W 5.00%
R912	0RS2002K607	20K OHM 2 W 5.00%
R913	0RD0392F609	39 OHM 1/6 W 5.00%
R915	0RD4300F609	430 OHM 1/6 W 5.00%
R916	0RD1000F609	100 OHM 1/6 W 5%
R917	0RS2002K607	20K OHM 2 W 5.00%
R918	0RD1501H609	1.5K OHM 1/2 W 5.00%
R919	0RD1501H609	1.5K OHM 1/2 W 5.00%
R92	0RD4701F609	4.7K OHM 1/6 W 5%
R920	0RD1501H609	1.5K OHM 1/2 W 5.00%
R921	0RD1000F609	100 OHM 1/6 W 5%
R922	0RD4300F609	430 OHM 1/6 W 5.00%
R923	0RS2002K607	20K OHM 2 W 5.00%
SWITCH		
SW1101	140-315A	SWITCH,TACT SKHV17910B 12V
SW1102	140-315A	SWITCH,TACT SKHV17910B 12V
SW1103	140-315A	SWITCH,TACT SKHV17910B 12V
SW1104	140-315A	SWITCH,TACT SKHV17910B 12V
SW1105	140-315A	SWITCH,TACT SKHV17910B 12V
SW1106	140-315A	SWITCH,TACT SKHV17910B 12V
SW1801	140-275B	SWITCH,PUSH JDPB21NA 30V 0.3A
“	6600VM1001A	SWITCH,PUSH SDKLA1 250V *LGETT
SW802	140-275B	SWITCH,PUSH JDPB21NA 30V 0.3A
CRYSTAL & FILTER		
FB801	125-022K	FILTER,EMC FERRITE 62MM 1UH
FB802	125-022K	FILTER,EMC FERRITE 62MM 1UH
FB805	125-123A	FILTER,EMC FERRITE BFD3565R2F
FB806	125-123A	FILTER,EMC FERRITE BFD3565R2F
J231	125-022K	FILTER,EMC 62MM 1UH
T802	6200JB8008G	FILTER,EMC SQ2222 FEEL LUX BK 7MH
“	150-F06B	FILTER,EMC SQE2424 19-35MH *LGETT
X1	156-A01P	RESONATOR,CRYSTAL HC49U 8.000MHZ
X661	156-A02M	RESONATOR,CRYSTAL HC49U 18.432MHZ
Z102	6200QL3001B	FILTER,SAW V/C EPCOS ST M1872D
Z201	6200VST001C	FILTER,B.P. XT4.5MB 4.5MHZ 166C02B
MISCELLANEOUS		
P1203A	387-A05J	CONNECTOR ASSEMBLY,5P 2.5MM
P1206A	387-A06J	CONNECTOR ASSEMBLY,6P 2.5MM
F801	0FS4001B51D	FUSE,SLOW BLOW 4000MA 250V
PA1301	6726VV0006D	REMOTE CONTROLLER RECEIVER,38.0KHZ
SK901	6620VBC003A	SOCKET,CPT PCS030A 8PIN
TH802	163-051F	THERMISTOR,PTC J503P84D140M290Q +/ 20%
TU101	6700NFNS11A	TUNER,TAEUH001F
VD801	164-003G	VARISTOR,TVR621D14A 620V 10%
ACCESSORIES		
A1	3828VA0393R	MANUAL,OWNERS SC023A
“	3828VA0393U	MANUAL,OWNERS SC023A *LGETT
A2	6710V00090N	REMOTE CONTROLLER,SC023A W/EYE
“	6710V00126M	REMOTE CONTROLLER,SC023A EYE *Lafinion 55
“	6710V00126W	REMOTE CONTROLLER,SC023A *LGETT
A3	5010V00003B	ANTENNA,3SECTION 750MM NTSC
“	5010V00005B	ANTENNA,3SECTION 750MM *LGETT
A4	450-017C	ADAPTER,RF UGCOM 1.5KV 5mA .

Jan., 2004
P/NO : 3828VD0137R
Printed in Korea

PRINTED CIRCUIT BOARD

MAIN & CPT



COMPONENT LOCATION GUIDE

C1 .....D3
C2 .....D3
C4 .....D3
C5 .....D4
C12 .....D3
C28 .....F1
C30 .....F1
C31 .....D4
C32 .....D4
C40 .....D4
C50 .....D4
C51 .....D4
C52 .....C3
C53 .....C3
C54 .....D4
C56 .....D1
C101 .....C4
C102 .....B5
C103 .....B5
C104 .....B5
C105 .....B5
C106 .....A5
C107 .....B5
C108 .....A5
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C110 .....B5
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C112 .....A5
C113 .....C4
C116 .....C4
C117 .....E4
C118 .....C4
C119 .....C4
C120 .....C3
C121 .....C4
C124 .....C4
C125 .....B4
C130 .....A5
C131 .....A5
C165 .....C4
C191 .....C3
C192 .....C3
C193 .....B3
C194 .....B3
C195 .....B3
C201 .....C1
C202 .....C1
C203 .....B1
C204 .....B4
C210 .....D5
C211 .....C5
C212 .....C5
C213 .....C3
C214 .....C3
C215 .....B5
C216 .....D5
C217 .....D5
C218 .....D5
C219 .....D5
C220 .....C1
C221 .....B3
C224 .....C2
C246 .....C5
C270 .....C1
C280 .....D5
C281 .....D5
C285 .....B5
C286 .....B5
C288 .....B5
C289 .....B5
C301 .....F4
C302 .....F4
C303 .....E5
C304 .....F4
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C307 .....F4
C308 .....E4
C309 .....E5
C310 .....F4
C311 .....E4
C312 .....E4
C313 .....E4
C314 .....F4
C316 .....C3
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C403 .....D3
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C406 .....C3
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C409 .....E4
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C411 .....F4
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C417 .....G4
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C509 .....C4
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C518 .....C3
C519 .....C3
C520 .....B4
C523 .....B4
C524 .....C4
C525 .....D4
C540 .....E5
C552 .....C3
C555 .....C4
C601 .....B3
C602 .....B2
C603 .....B2
C605 .....B2
C606 .....A2
C607 .....B3
C611 .....B3
C612 .....B3
C613 .....A3
C621 .....A2
C622 .....A3
C623 .....A3
C624 .....B2
C625 .....A2
C626 .....A2
C627 .....A3
C628 .....A3
C631 .....A4
C632 .....A4
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C674 .....C3
C675 .....C3
C680 .....C3
C681 .....C3
C684 .....D3
C685 .....C3
C686 .....C3
C687 .....C3
C688 .....C3
C689 .....D2
C690 .....D2
C699 .....D1
C801 .....F2
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C809 .....E2
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C825 .....G3
C826 .....D2
C827 .....E2
C828 .....G2
C829 .....G2
C830 .....E2
C831 .....D2
C832 .....F3
C833 .....D2
C834 .....G2
C835 .....E3
C837 .....F2
C850 .....D3
C889 .....D1
C901 .....B1
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C904 .....B1
C907 .....A1
C908 .....A1
D21 .....D3
D22 .....D4
D23 .....D4
D191 .....B4
D301 .....E5
D302 .....F4
D303 .....E4
D304 .....F4
D401 .....E4
D403 .....D5
D404 .....E5
D405 .....D5
D501 .....D5
D502 .....D5
D505 .....E5
D621 .....A3
D801 .....E2
D802 .....E2
D803 .....G3
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D807 .....D1
D809 .....D1
D810 .....F2
D811 .....D1
D812 .....D1
D813 .....D3
D814 .....D2
D816 .....E2
D820 .....D2
D823 .....D3
D824 .....D2
D826 .....D3
D827 .....E2
D833 .....D3
D882 .....D3
D901 .....B1
DB813 .....G2
E1 .....F2
E2 .....F2
E3 .....G3
E4 .....G3
E5 .....F3
E6 .....F3
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E8 .....E3
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E10 .....E3
E11 .....E3
E12 .....F2
E13 .....F2
E14 .....G5
E15 .....F5
E16 .....E3
E17 .....F5
E18 .....G5
E19 .....F5
E21 .....A2
E22 .....A2
E23 .....A3
E24 .....A3
E25 .....G5
E26 .....F5
F802 .....G2
F801A G2
F801B G2
F801C F2
F802 .....F2
F802 .....F2
F803 .....F2
F805 .....E3
FR806 .....D3
FR807 .....D3
FR815 .....D2
FR816 .....D3
FR932 .....B1
G1 .....G2
G2 .....G1
G3 .....G1
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G10 .....G2
G11 .....G2
G12 .....G2
G13 .....G2
G14 .....F2
G15 .....G2
G16 .....G3
G17 .....F3
G18 .....G4
G19 .....G4
G20 .....G4
G21 .....G4
G22 .....G4
G23 .....G4
G24 .....G2
G25 .....G4
G28 .....D3
G29 .....G4
G30 .....E1
G31 .....F4
G32 .....F4
G33 .....E3
G34 .....E4
G35 .....D3
G36 .....D3
G37 .....E4
G38 .....E4
G39 .....D3
G40 .....E4
G41 .....D5
G42 .....C5
G43 .....A1
G44 .....B1
G45 .....A2
G46 .....E3
G47 .....D3
G48 .....D3
G49 .....C1
G50 .....G5
G51 .....G5
G52 .....C1
G53 .....D2
G54 .....G5
G55 .....G5
G56 .....E2
G59 .....E1
G60 .....E1
G61 .....E1
G62 .....E1
G63 .....G1
G64 .....G2
HIC601 .....C3
IC02 .....D4
IC03 .....D3
IC04 .....D2
IC201 .....B4
IC202 .....C3
IC301 .....E4
IC501 .....D4
IC601 .....A3
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IC603 .....D5
IC604 .....B3
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IC662 .....C2
IC801 .....F3
IC802 .....F3
IC803 .....G2
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J1 .....E1
J2 .....E1
J3 .....D1
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J204 .....D5
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J206 .....C5
J207 .....C5
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J209 .....B5
J210 .....B4
J211 .....B4
J212 .....B3
J213 .....B3
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J215 .....B3
J216 .....C1
J217 .....C1
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J219 .....C1
J220 .....C1
J221 .....C1
J222 .....B1
J223 .....C1
J224 .....C1
J225 .....B1
J226 .....B1
J227 .....C2
J228 .....C2
J229 .....C2
J230 .....B4
J231 .....C1
J232 .....C1
J233 .....B3
J234 .....D1
J235 .....C1
J236 .....C1
J237 .....C1
J238 .....D1
J239 .....C2
J301 .....F4
J302 .....E4
J303 .....D4
J304 .....E4
J401 .....G5
J402 .....G4
J403 .....F4
J404 .....G5
J405 .....G3
J406 .....F5
J407 .....F5
J408 .....D5
J501 .....D4
J502 .....D3
J503 .....D4
J504 .....C3
J506 .....B4
J507 .....B4
J508 .....B3
J509 .....B4
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J511 .....C4
J512 .....C5
J513 .....C4
J514 .....D5
J515 .....C3
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J602 .....E1
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J607 .....B2
J608 .....B2
J609 .....B2
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J612 .....A2
J614 .....A2
J615 .....A2
J616 .....A2
J617 .....A2
J618 .....B2
J619 .....A3
J620 .....A4
J621 .....A4
J622 .....A4
J623 .....B4
J624 .....B4
J625 .....B4
J626 .....A4
J627 .....B4
J628 .....B4
J629 .....B4
J630 .....B4
J631 .....A3
J632 .....A4
J633 .....A2
J634 .....B2
J635 .....B2
J636 .....B2
J637 .....B2
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J662 .....C1
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J666 .....C3
J667 .....C3
J668 .....D3
J669 .....C3
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J671 .....B3
J672 .....B2
J673 .....C3
J674 .....C3
J705 .....B1
J707 .....C1
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J802 .....G1
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J807 .....E2
J808 .....E2
J809 .....F3
J810 .....F3
J811 .....E3
J812 .....E3
J813 .....D3
J814 .....D2
J815 .....D2
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J819 .....D2
J820 .....D2
J821 .....D3
J822 .....D2
J823 .....D1
J837 .....F2
J903 .....A1
J905 .....B1
J906 .....A2
J907 .....B1
JA01 .....C5
JA02 .....C1
L1 .....D3
L2 .....D4
L3 .....D2
L101 .....B5
L102 .....B5
L201 .....B4
L202 .....C3
L401 .....G4
L402 .....F4
L501 .....B4
L504 .....C4
L601 .....C2
L611 .....C2
L662 .....C2
L802 .....E3
L804 .....E3
L811 .....E3
L901 .....A1
L902 .....B1
L903 .....B1
L904 .....A1
L905 .....B1
L906 .....D4
LD1 .....F1
P01 .....C1
P101 .....A5
P201 .....C1
P206 .....C1
P601 .....B2
P602 .....B2
P603 .....B2
P704 .....B2
P705 .....B1
P707 .....C1
P709 .....B1
P803 .....B5
P901 .....A2
P902 .....B1
P02A D1
P03A D1
P04A D1
P05A D1
P06A C1
P401A G4
P401B F4
P401C F4
P401D F4
P801A G1
P801B G1
P801C G1
P802A F1
P802B F1
P902-1 .....C4
P902-2 .....E5
PA01 .....F1
Q01 .....D1
Q11 .....D1
Q12 .....D3
Q13 .....D4
Q16 .....E5
Q101 .....B5
Q102 .....B5
Q191 .....B3
Q192 .....B3
Q220 .....B3
Q241 .....C5
Q301 .....E4
Q401 .....F4
Q402 .....G4
Q403 .....E4
Q405 .....E5
Q502 .....C3
Q504 .....C3
Q621 .....A3
Q671 .....C2
Q672 .....C2
Q804 .....D2
Q805 .....D1
Q901 .....A1
Q902 .....B1
Q903 .....A2
Q904 .....A1
R1 .....E1
R9 .....B3
R10 .....D4
R11 .....D3
R13 .....D3
R14 .....D4
R19 .....D3
R20 .....D2
R21 .....D3
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R23 .....D3
R24 .....D1
R25 .....D3
R26 .....D4
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R37 .....D4
R38 .....B4
R39 .....B4
R48 .....D4
R58 .....D1
R59 .....D4
R60 .....D1
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R62 .....C3
R63 .....D3
R64 .....D4
R69 .....D4
R70 .....D1
R71 .....F1
R73 .....D1
R74 .....D1
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R80 .....D1
R82 .....F1
R83 .....D1
R92 .....D4
R100 .....B5
R101 .....B5
R102 .....B5
R103 .....B5
R104 .....B5
R105 .....B5
R106 .....B4
R107 .....G5
R108 .....B5
R111 .....C5
R112 .....C5
R113 .....C4
R130 .....A5
R152 .....B5
R153 .....C5
R191 .....C4
R192 .....B3
R193 .....B3
R194 .....B4
R201 .....C1
R202 .....B1
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R208 .....C5
R209 .....D5
R210 .....D3
R211 .....C2
R212 .....B2
R213 .....C1
R214 .....B1
R215 .....D5
R216 .....D5
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R239 .....B5
R240 .....B3
R242 .....C5
R243 .....C3
R244 .....C5
R249 .....C5
R254 .....B5
R255 .....B5
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R402 .....E4
R403 .....G4
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R412 .....D3
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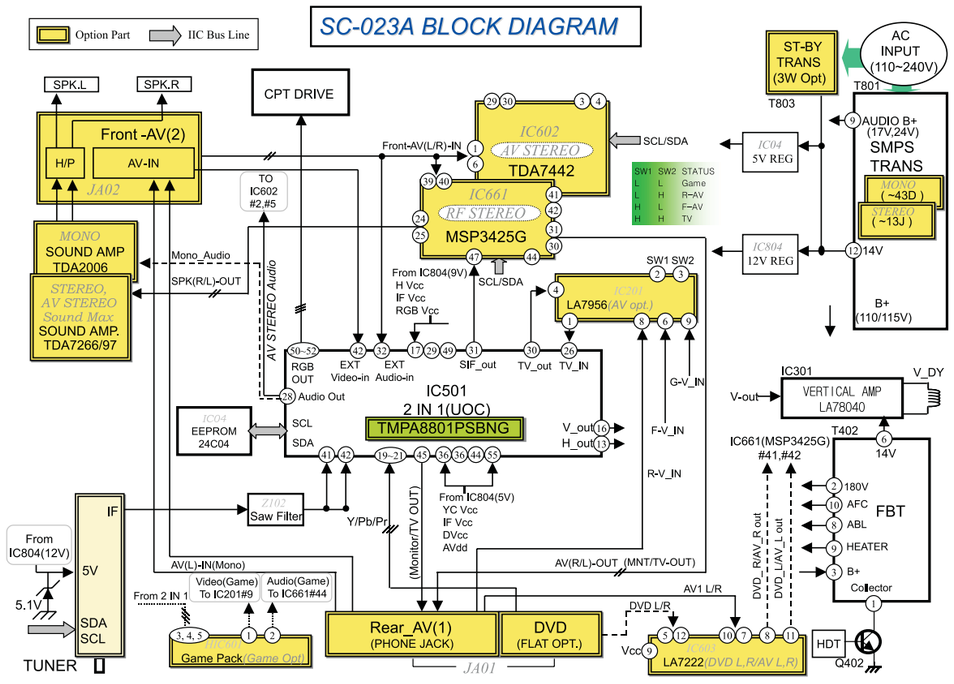
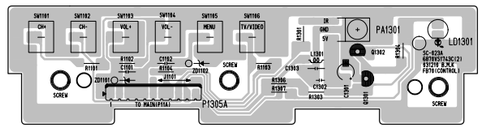
R603 .....B3
R604 .....B4
R605 .....B4
R606 .....B2
R609 .....B2
R610 .....B2
R611 .....B3
R612 .....B2
R613 .....D2
R620 .....A3
R621 .....A2
R622 .....A2
R623 .....A3
R624 .....A3
R625 .....A3
R626 .....B2
R627 .....B2
R628 .....A2
R629 .....A3
R631 .....A4
R632 .....A4
R664 .....C2
R665 .....C2
R666 .....C2
R668 .....C3
R669 .....B3
R671 .....B4
R801 .....F3
R802 .....D2
R803 .....D2
R806 .....D1
R807 .....D1
R809 .....E3
R810 .....D3
R812 .....G3
R815 .....F3
R816 .....E3
R820 .....G1
R821 .....F2
R822 .....G2
R824 .....F3
R825 .....G3
R826 .....G3
R827 .....F2
R828 .....F1
R881 .....D2
R882 .....F3
R883 .....D2
R884 .....E3
R885 .....E3
R901 .....A1
R902 .....B1
R904 .....A1
R905 .....A2
R906 .....A2
R907 .....A1
R911 .....A1
R912 .....A1
R913 .....A1
R914 .....A2
R915 .....A1
R916 .....A1
R917 .....A1
R918 .....A2
R919 .....B1
R920 .....A1
R921 .....B1
R922 .....B1
R923 .....A2
RL801 .....E2
RL802 .....E2
SG901 .....B1
SG902 .....A1
SG903 .....A2
SG911 .....A1
SG912 .....A1
SG913 .....A2
SK901 .....B1
SW2 .....D1
SW3 .....D1
SW4 .....D1
SW5 .....D1
SW6 .....E1
SW7 .....E1
SW801 .....G1
SW802 .....G1
T401 .....F4
T402 .....F5
T403 .....G3
T801 .....E3
T802 .....F1
T803 .....E1
TH801 .....E1
TP1 .....C2
TP2 .....C2
TP3 .....C2
TP4 .....C2
TP5 .....C2
TP6 .....C2
TP7 .....C2
TP8 .....C2
TP9 .....C2
TP10 .....C2
TP11 .....C2
TP12 .....C2
TP13 .....C2
TP14 .....C2
TP15 .....B2
TP16 .....C2
TP17 .....C2
TP18 .....C2
TP19 .....A5
TP20 .....A5
TU101 .....B5
VD801 .....G2
X1 .....D4
X661 .....D2
Z102 .....C4
Z201 .....C3
Z501 .....C3
ZD402 .....A5
ZD103 .....B5
ZD403 .....C3
ZD405 .....E5
ZD407 .....D5
ZD412 .....D5
ZD501 .....B4
ZD502 .....D4
ZD503 .....D4
ZD504 .....D4
ZD511 .....C4
ZD512 .....B4
ZD514 .....B4
ZD601 .....C2
ZD602 .....B3
ZD804 .....D2
ZD810 .....G3

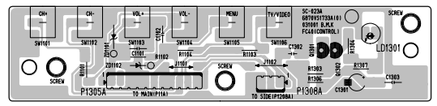
BLOCK DIAGRAM



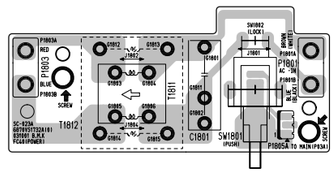
CONTROL(21FB70)



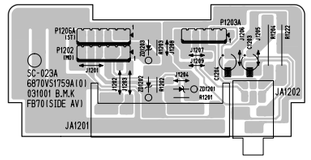
CONTROL(Lafinion 55)



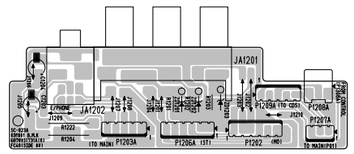
POWER



SIDE A/V(21FB70)



SIDE A/V(Lafinion 55)



< SC-023A SCHEMATIC DIAGRAM >

WARNING BEFORE SERVICING THIS CHASSIS READ 'X-RAY RADIATION PRECAUTION', 'SAFETY PRECAUTION' AND PRODUCT SAFETY NOTICE IN THIS MANUAL.

CAUTION : THE MARKS IN THE SCHEMATIC DIAGRAM AND THE PARTS LIST DESIGNATE COMPONENTS WHICH HAVE SPECIAL CHARACTERISTICS FOR SAFETY, AND SHOULD BE REPLACED ONLY WHICH TYPES IDENTICAL TO THOSE IN THE ORIGINAL CIRCUIT OR SPECIFIED IN THE PARTS LIST. BEFORE REPLACING ANY OF THESE COMPONENTS READ CAREFULLY THE PRODUCT SAFETY NOTICE IN THIS MANUAL.
DO NOT DEGRADE THE SAFETY OF THE RECEIVER THROUGH IMPROPER SERVICING.

FRONT CONTROL(15Q90)

SIDE A/V(15Q90)

WAVE FORM

	R34	R107	R217	R302	R303	R304	R305	R315	R405	R406	R547	R816	R905-916-921	R905-915-922	FR901	FR401	FR402	J142	FR932	J905	C301	C404	C412	C414	C417	C508-523	C814	C828	C902-904-907	D802-803	D806-813	ZD501	ZD505	L903	L905	IC805	T402
14"																																				
20"																																				
21"																																				