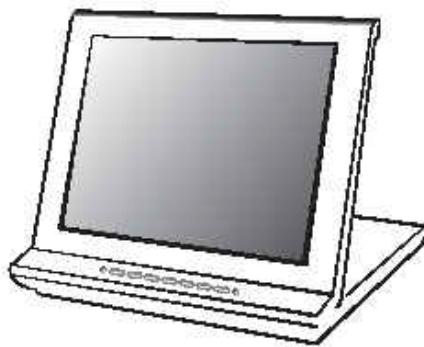


10.4" TFT-LCD TV

SERVICE MANUAL

CHASSIS :LT-11A

MODEL : LT-10AE / LT-10AL / LT-10AT



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SAFETY PRECAUTIONS

Important Safety Notice

Many electrical and mechanical parts in this chassis have special safety-related characteristics. These parts are identified by in the Schematic Diagram and Replacement Parts List.

It is essential that these special safety parts should be replaced with the same components as recommended in this manual to prevent Shock, Fire, or other Hazards.

Do not modify the original design without permission of manufacturer.

Leakage Current Hot Check (See below Figure)

Plug the AC cord directly into the AC outlet.

Do not use a line Isolation Transformer during this check.

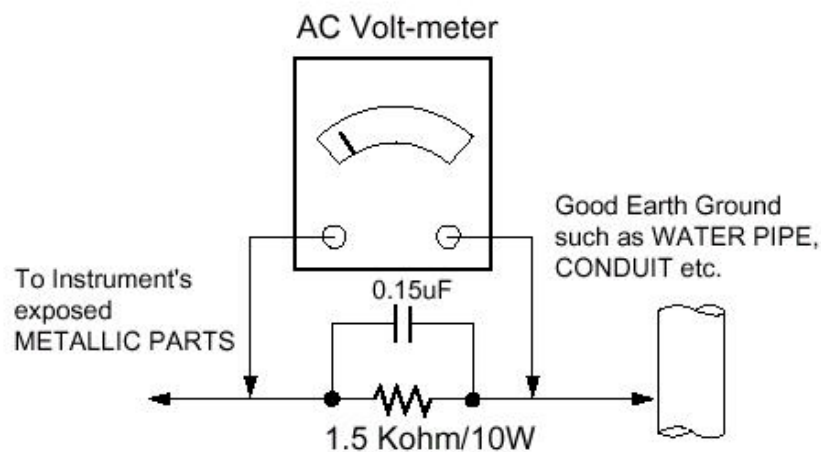
Connect 1.5K/10watt resistor in parallel with a 0.15uF capacitor between a known good earth ground (Water Pipe, Conduit, etc.) and the exposed metallic parts.

Measure the AC voltage across the resistor using AC voltmeter with 1000 ohms/volt or more sensitivity.

Reverse plug of the AC cord into the AC outlet and repeat AC voltage measurements for each exposed metallic part. Any voltage measured must not exceed 0.75 volt RMS, which is, corresponds to 0.5mA.

In case any measurement is out of the limits specified, there is possibility of shock hazard and the set must be checked and repaired before it is returned to the customer.

Leakage Current Hot Check circuit



SPECIFICATIONS

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

1. Power requirement: ·· AC 110-240V, 50/60Hz (Cold SMPS) / DC 12V ADAPTOR 2. Tuning system: ·· FVS, 100 program memory 3. Sound output: ·· 1.0W+1.0W 4. Intermediate Frequency (IF): ·· Vision IF ; 38.9MHz ·· Color IF ; 34.47MHz(PAL) / 35.32MHz ·· Sound IF ; 33.4MHz (B/G) / 32.9MHz(I,I/I) / 32.4MHz(D/K, K1) / 34.4MHz(M) 5. Power consumption : ·· 22W(3W-ST-BY) 6. Antenna input impedance : ·· VHF/UHF 75ohm , Balanced type (PAL) / Unbalanced type(NTSC) 7. Voice coil impedance: ·· 25ohm	8. OSD (On Screen Display) : ·· Window Type 9. External in/output: Headphone, SCART or Phone Jack : Option ·· Audio-In ; 0.4Vrms, over 10Kohm ·· Video-In/Out ; 1Vp-p, over 75ohm ·· R.G.B In ; 0.7Vp-p 10. Function: ·· CATV/Hyper band ·· Auto Program ·· Manual Program ·· Auto Sleep ·· Recall ·· Quick view ·· ACMS(Auto channel Memory System) ·· PSM(Picture Status memory) ·· SSM(Sound Status memory)
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Receiving system

No.	Model No. System	LT-10AE	LT-10AL	LT-10AT
1	PAL-B	O	O	O
2	PAL-G	O	O	O
3	PAL-I,I/I	O	O	O
4	PAL-D	O	O	O
5	PAL-K	O	O	O
6	SECAM-B	O	O	O
7	SECAM-G	O	O	O
8	SECAM-D	O	O	O
9	SECAM- K	O	O	O
10	SECAM-K1	O	O	O
11	SECAM-I(6.0)	O	O	O
12	NTSC-3.58/4.5	X	X	O
13	NTSC-3.58/5.5	X	X	O
14	NTSC-3.58/6.0	X	X	O
15	NTSC-3.58/6.5	X	X	O
16	NTSC-3.58/4.5(5.0)	X	X	O
17	NTSC-4.43/5.5	X	X	O
18	NTSC-4.43/6.0	X	X	O
19	NTSC-4.43/6.5	X	X	O
20	PAL 5.5/60HZ	O	O	O
21	PAL 6.0/60HZ	O	O	O
22	PAL 6.5/60HZ	O	O	O
23	SECAM 5.5/60HZ	O	O	O
24	SECAM 6.0/60HZ	O	O	O
25	SECAM 6.5/60HZ	O	O	O
26	SECAM L/L'	X	O	X
TOTAL SYSTEM		17	18	25

TABLE1. RECEIVING SYSTEM (26 SYSTEM)

No.	Receiving System	Function	Receiving Channel
1	PAL-B	Reception of broadcast and play-back for Video Tape Recorder	VHF Band PAL/SECAM-B : 2-12 PAL/SECAM-D : 1-12 SECAM-K1 : 2-9 NTSC-M (US) : 2-13 NTSC-M (JAPAN) : 1-12 UHF Band PAL/SECAM-G : 21-69 PAL-I : 21-69 SECAM-K : 21-69 PAL-K : 13-56 NTSC-M (US) : 14-78 NTSC-M (JAPAN) : 13-62
2	PAL-G		
3	PAL-I,I/I		
4	PAL-D		
5	PAL-K		
6	SECAM-B		
7	SECAM-G		
8	SECAM-D		
9	SECAM- K		
10	SECAM-K1		
11	NTSC-M		
12	SECAM-L/L'	Play-back for special Video Tape Recorder	
13	NTSC-4.43/5.5		
14	NTSC-4.43/6.0		
15	NTSC-4.43/6.5		
16	SECAM-I(6.0MHZ)		
17	SECAM-L(VIDEO IN)	Play-back for special Video Tape/Video disk player	
18	NTSC 3.58/4.5MHZ/50HZ		
19	PAL 5.5MHZ/60HZ		
20	PAL 6.0MHZ/60HZ		
21	PAL 6.5MHZ/60HZ		
22	SECAM 5.5 MHZ /60HZ		
23	SECAM 6.0 MHZ /60HZ		
24	SECAM 6.5 MHZ /60HZ		
25	NTSC-3.58/5.5MHZ	Play-back for special Video Tape Recorder	
26	NTSC-3.58/6.0MHZ		
27	NTSC-3.58/6.5MHZ		

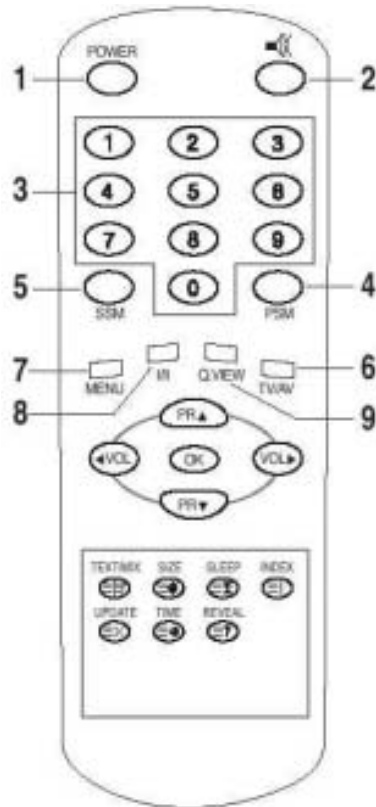
CONTROL DESCRIPTIONS

All the functions can be controlled with the remote control handset.

Some functions can also be adjusted with the buttons on the front panel of the set.

Remote control handset

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



1. POWER

Switches the set on from standby or off to standby.

2. MUTE

Switches the sound on or off.

3. NUMBER BUTTONS

Directly select a number.

4. PSM (Picture Status Memory)

Recalls your preferred picture setting.

5. SSM (Sound Status Memory)

Recalls your preferred sound setting.

6. TV/AV

Selects TV, SCART/YUV, VIDEO, S-VIDEO or PC mode.

Clears the menu from the screen.

7. MENU

Selects a menu.

8. I/II

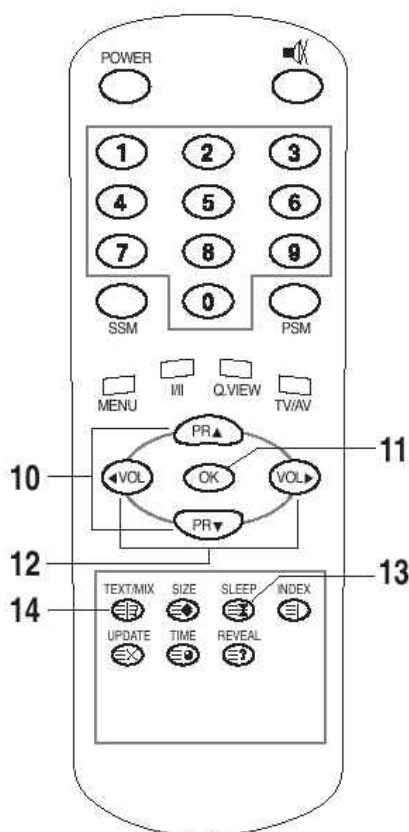
Selects the language during dual language broadcast.

Selects the sound output.

9. Q.VIEW

Returns to the previously viewed programme.

DESCRIPTION OF CONTROLS



10. PR▲▼ (Programme Up/Down)

Selects a programme or a menu item.

11. OK

Accepts your selection or displays the current mode.

12. VOL◀▶ (Volume Up/Down)

Adjusts the volume.

Adjusts menu settings.

13. SLEEP

Sets the sleep timer.

Note : In teletext mode, the **SLEEP** is used for teletext function.

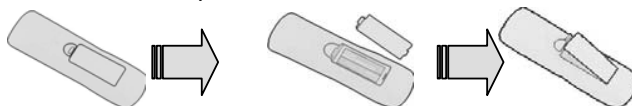
14. TELETEXT Buttons

These buttons are used for teletext.

For further details, see the 'Teletext' section.

► Battery installation

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



Note :

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

DESCRIPTION OF CONTROLS

Controller of Panel

1. POWER/STANDBY INDICATOR

Illuminates brightly when the set is in standby mode.

Dims when the set is switched on.

2. POWER

Switches the set on or off .

3. TV/AV

Selects TV, SCART, VIDEO, S-VIDEO or PC mode.

Clears the menu from the screen.

4. MENU

Displays a menu.

5. -PR+ (Programme Up/Down)

Selects a programme or a menu item.

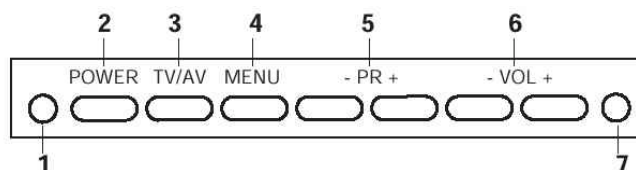
6. -VOL+ (Volume Up/Down)

Adjusts the volume.

Adjusts menu settings.

7. Remote control sensor

Accepts the signal of remote controller.



8. Ant.

9. DC12V

10. SCART/YUV

11. HEADPHONE SOCKET

Connect the headphone plug to this socket.

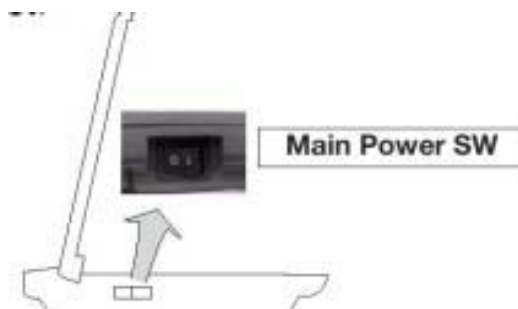
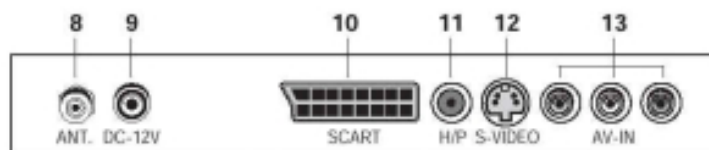
12. S-VIDEO SOCKETS

Connects the video out socket of the S-VIDEO VCR to the **S-VIDEO** socket.

Connects the audio out socket of the S-VIDEO VCR to the L(MONO) AND R sockets.

13. A/V-IN SOCKETS

Connect the VIDEO out sockets of external equipment to these sockets.



ADJUSTMENT

Safety Precautions

1. Never disconnect leads while the TV receiver is on.
2. Don't short any portion of circuits while power is on.
3. The adjustment must be done by the correct appliances. But this is changeable in view of productivity.
4. Unless otherwise noted, set the line voltage to 230Vac 10%, 50Hz ./ 110Vac, 60Hz

Test Equipment required

1. RF signal generator (with pattern generator)
2. Multi meter (volt meter)
3. Oscilloscope
4. LCD Color analyzer

RF AGC (Automatic Gain Control) Adjustment

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 ($65\text{dB} \pm 1\text{dB}$) and turn on the TV.
2. Press MENU buttons on TV set and Remote Controller at the same time to get into SVC mode.
3. Press YELLOW 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.
6. Press TV/AV button to exit SVC mode.

ADJUSTMENT

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

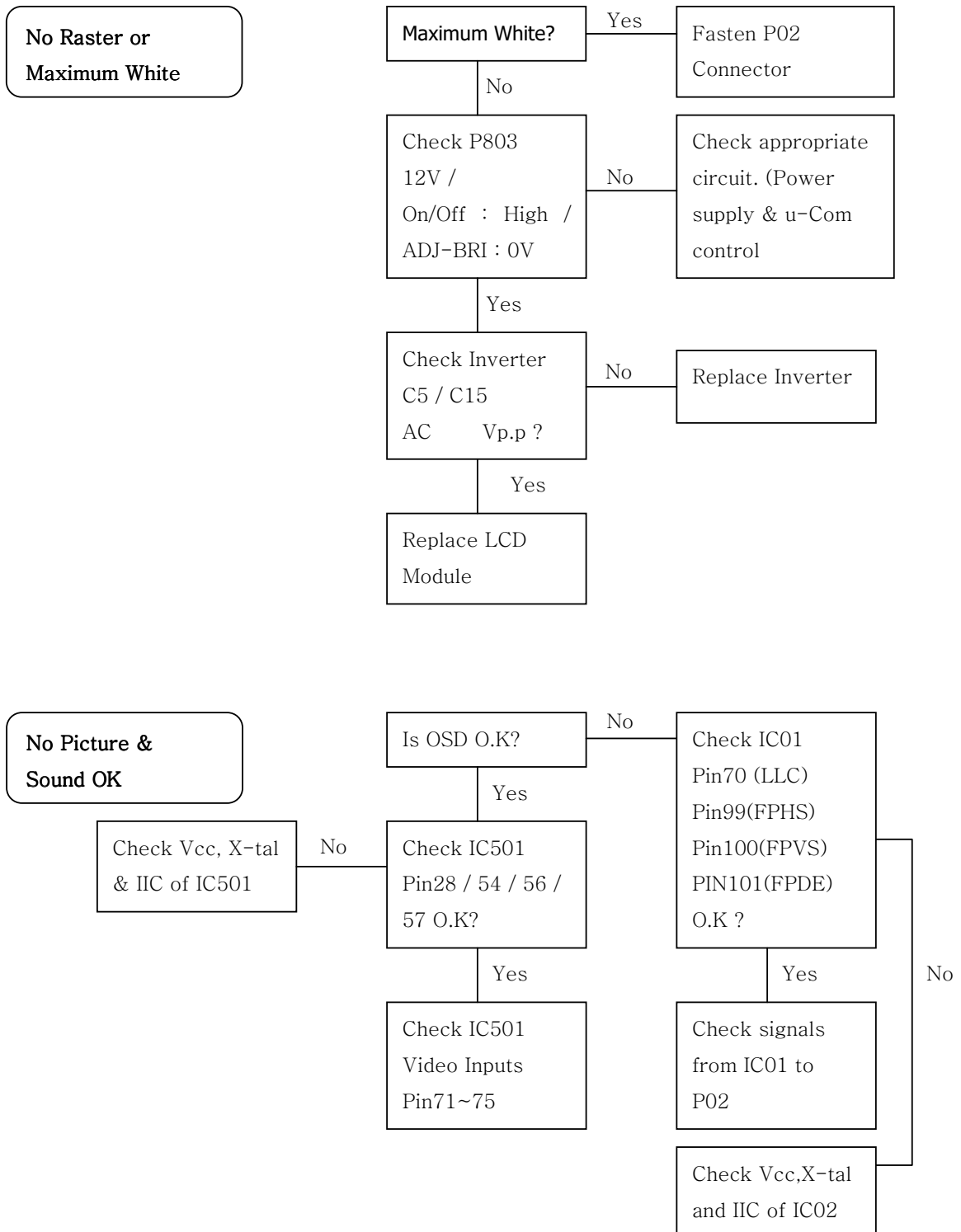
NOTE: When the EEPROM has been replaced, the Option data should be restored as the function of individual system and specification.

- 1) Press MENU 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 corresponding OPTION data referring to Table below with the numeric buttons 0~9.

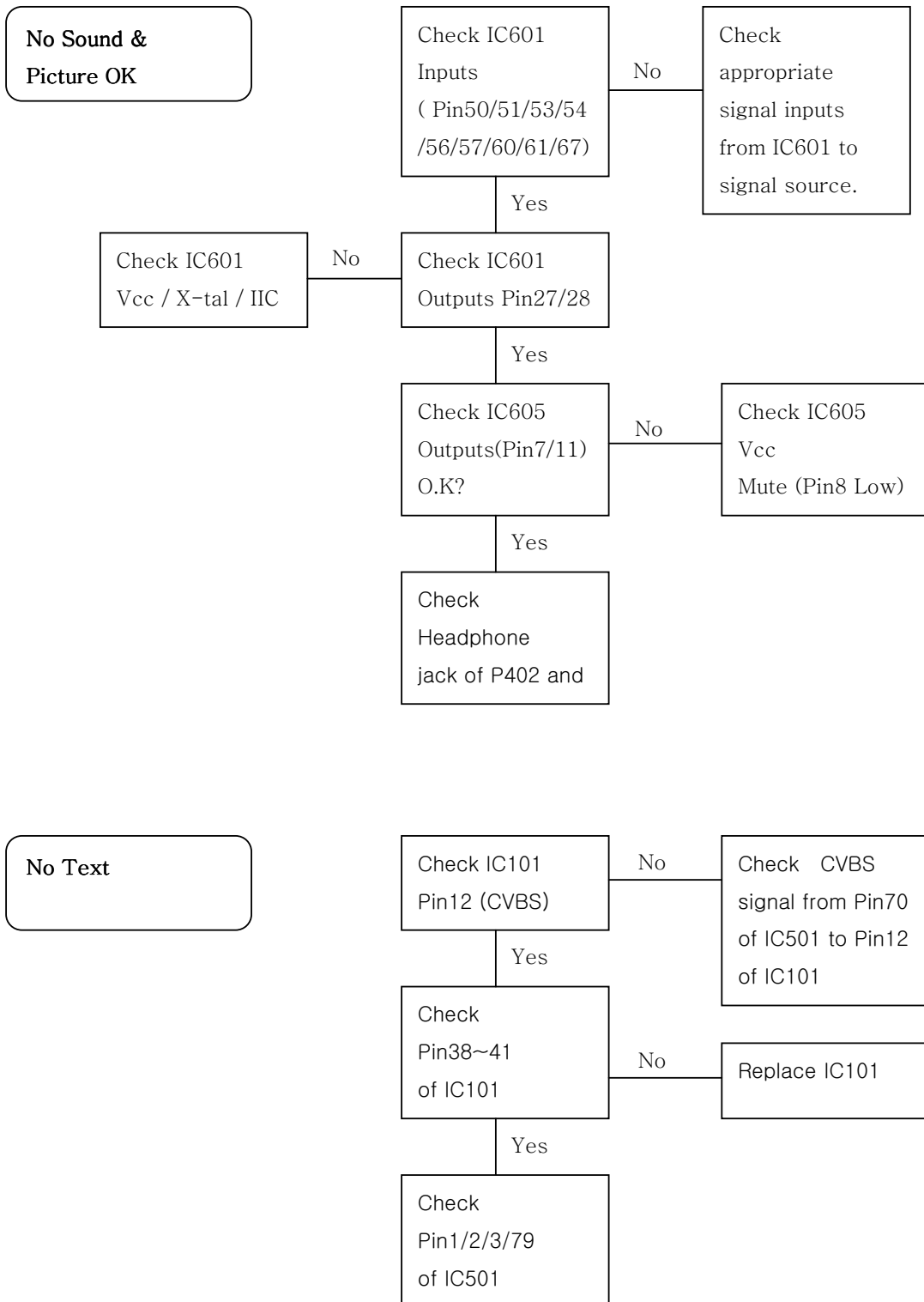
Option Table

		LT-10AE	LT-10AL	LT-10AT	REMARK
OPTION 1	200PR	0	0	0	
	TEXT	1	1	1	
	TOP	1	1	1	
	SCART	1	1	1	Set 0 in case of YUV model.
	ACMS	1	1	1	
	CH+AU	0	0	0	
	SYS	0	1	2	
		120	121	122	
OPTION 2	I II SA	0	0	0	
	MONO	0	0	0	
	A2 ST	1	1	1	
	VOL	1	1	1	
	LANG	1	1	1	
	T-LAN	0	0	0	

TROUBLESHOOTING



TROUBLESHOOTING



REPLACEMENT PARTS LIST

The components identified by mark ① is critical for safety.
Replace only with part number specified.

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

DH:Chip Diode
DZ:Zener Diode
DD:Rectifier Diode
DS:Schottky Diode
TR:Transistor

LB: Bead Core
LY:Array Bead
LA:Inductor
LR:Choke Coil
XT:Crystal

LOCA. NO	PART NO	DESCRIPTION
IC		
IC01	1IC88L284ABS	IC, MX88L284-AEC
IC02	1ICTI75L84TS	IC, SN75LVDS84AGGR
IC03	0ICSS41616BS	IC, K4S16162D-TC80
IC04	0ICSS41616BS	IC, K4S16162D-TC80
IC07	0ICKE7027FTS	IC, KA7027AF
IC101	AYMILT10M01A	IC, SDA555XFL
IC102	1ICSE24C16TS	IC, S-24C16AFJA-TB
IC103	0ICKE7027FTS	IC, KA7027AF
IC104	1ICRO033FPTS	IC, BA033FP
IC501	1ICMI3230DBS	IC, VPC3230-QA-B4
IC601	1ICMI3420GBS	IC, MSP3420G-QA-B8
IC603	0ICKE7042FTS	IC, KA7042AF
IC605	1ICSA42820AD	IC, LA4282
IC801	1ICNS25765AD	IC, LM2576T-5.0
IC802	1ICRO6161FTS	IC, BA6161F
IC803	0ICVI4925DTS	IC, SI4925DY TP
IC804	0ICKE78L5FTS	IC, KIA78L05F
IC805	0ICKE78080AD	IC, KIA7808AP
IC806	1ICRO033FPTS	IC, BA033FP
IC807	0ICKE78L9FTS	IC, KIA78L09F
IC820	0ICKE78R33AD	IC, KIA33R33PI
IC821	0ICKE78R33AD	IC, KIA33R33PI
Q109	1ICFC2N700TR	IC, 2N7000TA
Q110	1ICFC2N700TR	IC, 2N7000TA
TRANSISTOR		
Q101	0TRKE1504STS	TRANSISTOR, KTA1504S Y
Q111	0TRKE3875STS	TRANSISTOR, KTC3875S Y
Q302	0TRKE3875STS	TRANSISTOR, KTC3875S Y
Q401	0TRKE3875STS	TRANSISTOR, KTC3875S Y
Q402	0TRKE3875STS	TRANSISTOR, KTC3875S Y
Q403	0TRKE3875STS	TRANSISTOR, KTC3875S Y
Q505	0TRKE3875STS	TRANSISTOR, KTC3875S Y
Q604	0TRKE1504STS	TRANSISTOR, KTA1504S Y
Q801	0TRKE3875STS	TRANSISTOR, KTC3875S Y
Q802	0TRKE3875STS	TRANSISTOR, KTC3875S Y
Q820	0TRKE3875STS	TRANSISTOR, KTC3875S Y
DIODE		
LD1101	0DLSLR1364BD	LED, SLR1364N-A
ZD402	1DZSC5231BTS	ZENER, 5.1V MMSZ5231BS
ZD411	1DZSC5231BTS	ZENER, 5.1V MMSZ5231BS
ZD412	1DZSC5231BTS	ZENER, 5.1V MMSZ5231BS
ZD413	1DZSC5231BTS	ZENER, 5.1V MMSZ5231BS
D102	0DHKEKDS181S	DIODE, KDS181
Q603	0DHKEKDS181S	DIODE, KDS181
Q604	0DHKEKDS181S	DIODE, KDS181
Q801	0DHKEKDS181S	DIODE, KDS181
D802	1DDSKEU1ZMTA	DIODE, EU1Z SANKEN
D803	0DSSCB340ATS	DIODE, B340A
COIL		
L410	0LASS120FKTA	COIL, 12UH AL02TB 120K
L413	0LASS270FKTA	COIL, 27UH AL02TB 270K
L801	0LRSM10100BD	COIL, 100UH SMC H100
L802	0LRSM00100BD	COIL, 1MH SMC103

LOCA. NO	PART NO	DESCRIPTION
CORE		
L01	0LBSS101DJTS	CORE, 100OHM CIM21U101
L02	0LBSS101DJTS	CORE, 100OHM CIM21U101
L03	0LBSS101DJTS	CORE, 100OHM CIM21U101
L106	0LBSS601DJTS	CORE, 600OHM CIM31J601
L406	0LBSS101DJTS	CORE, 100OHM CIM21U101
L407	0LBSS101DJTS	CORE, 100OHM CIM21U101
L409	0LBSS101DJTS	CORE, 100OHM CIM21U101
L411	0LBSS101DJTS	CORE, 100OHM CIM21U101
L412	0LBSS101DJTS	CORE, 100OHM CIM21U101
L601	0LBSS601DJTS	CORE, 600OHM CIM31J601
L602	0LBSS601DJTS	CORE, 600OHM CIM31J601
L603	0LBSS601DJTS	CORE, 600OHM CIM31J601
L604	0LBSS601DJTS	CORE, 600OHM CIM31J601
L803	0LBSS601DJTS	CORE, 600OHM CIM31J601
L804	0LBSS601DJTS	CORE, 600OHM CIM31J601
LA01	0LYSS600DJTS	CORE, 600HM CIA31J600NES
LA02	0LYSS600DJTS	CORE, 600HM CIA31J600NES
LA03	0LYSS600DJTS	CORE, 600HM CIA31J600NES
LA04	0LYSS600DJTS	CORE, 600HM CIA31J600NES
LA05	0LYSS600DJTS	CORE, 600HM CIA31J600NES
LA06	0LYSS600DJTS	CORE, 600HM CIA31J600NES
LA07	0LYSS600DJTS	CORE, 600HM CIA31J600NES
LA08	0LYSS600DJTS	CORE, 600HM CIA31J600NES
LA09	0LYSS600DJTS	CORE, 600HM CIA31J600NES
LA10	0LYSS600DJTS	CORE, 600HM CIA31J600NES
LA11	0LYSS600DJTS	CORE, 600HM CIA31J600NES
LA12	0LYSS600DJTS	CORE, 600HM CIA31J600NES
LA13	0LYSS600DJTS	CORE, 600HM CIA31J600NES
LA14	0LYSS600DJTS	CORE, 600HM CIA31J600NES
LA15	0LYSS600DJTS	CORE, 600HM CIA31J600NES
LA16	0LYSS600DJTS	CORE, 600HM CIA31J600NES
LA17	0LYSS600DJTS	CORE, 600HM CIA31J600NES
LA18	0LYSS600DJTS	CORE, 600HM CIA31J600NES
LA19	0LYSS600DJTS	CORE, 600HM CIA31J600NES
RA01	0LYSS600DJTS	CORE, 600HM CIA31J600NES
RA02	0LYSS600DJTS	CORE, 600HM CIA31J600NES
RA03	0LYSS600DJTS	CORE, 600HM CIA31J600NES
RA04	0LYSS600DJTS	CORE, 600HM CIA31J600NES
RA05	0LYSS600DJTS	CORE, 600HM CIA31J600NES
RA06	0LYSS600DJTS	CORE, 600HM CIA31J600NES
CRYSTAL		
X01-1	0XTKI143180D	CRYSTAL, 14.318MHZ 12PF
X101	0XTKI600000D	CRYSTAL, 6MHZ 33PF
X501	0XTKI202500D	CRYSTAL, 20.25MHZ 12PF
X601	0XTKI184320D	CRYSTAL, 18.432MHZ 12PF
CAPACITOR		
C01	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z
C02	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z
C03	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z
C04	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z
C05	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z
C07	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z
C32	0CHSS200DJTS	CHIP CAP, 20PF 50V J

The components identified by mark ① is critical for safety.
Replace only with part number specified.

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

CH:Chip Capacitor
CE:Electrolytic Capacitor
CB:Bipolar Capacitor
CQ: Poly Capacitor
CT:Tantal Capacitor

LOCA. NO	PART NO	DESCRIPTION	LOCA. NO	PART NO	DESCRIPTION
C33	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z	C110	0CHSS224DZTS	CHIP CAP, 0.22UF 50V Z
C34	0CESS221AMTR	ELEC CAP, 220UF 10V M	C111	0CHSS103DKTS	CHIP CAP, 0.01UF 50V K
C35	0CESS221AMTR	ELEC CAP, 220UF 10V M	C112	0CHSS103DKTS	CHIP CAP, 0.01UF 50V K
C36	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z	C113	0CHSS103DKTS	CHIP CAP, 0.01UF 50V K
C37	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z	C114	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z
C38	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z	C115	0CESS101CMTR	ELEC CAP, 100UF 16V M
C39	0CHSS150DJTS	CHIP CAP, 15PF 50V J	C116	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z
C40	0CHSS150DJTS	CHIP CAP, 15PF 50V J	C117	0CESS101CMTR	ELEC CAP, 100UF 16V M
C41	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z	C118	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z
C42	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z	C120	0CHSS153DJTS	CHIP CAP, 0.015UF 50V J
C43	0CHSS100DDTS	CHIP CAP, 10PF 50V D	C142	0CESS100CMTR	ELEC CAP, 10UF 16V M
C44	0CHSS100DDTS	CHIP CAP, 10PF 50V D	C143	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z
C45	0CHSS100DDTS	CHIP CAP, 10PF 50V D	C144	0CESS101CMTR	ELEC CAP, 100UF 16V M
C46	0CHSS100DDTS	CHIP CAP, 10PF 50V D	C151	0CHSS620DJTS	CHIP CAP, 62PF 50V J
C47	0CHSS100DDTS	CHIP CAP, 10PF 50V D	C152	0CHSS620DJTS	CHIP CAP, 62PF 50V J
C48	0CHSS100DDTS	CHIP CAP, 10PF 50V D	C228	0CHSS103DKTS	CHIP CAP, 0.01UF 50V K
C49	0CHSS100DDTS	CHIP CAP, 10PF 50V D	C238	0CESS100CMTR	ELEC CAP, 10UF 16V M
C50	0CHSS100DDTS	CHIP CAP, 10PF 50V D	C402	0CESS100CMTR	ELEC CAP, 10UF 16V M
C51	0CHSS100DDTS	CHIP CAP, 10PF 50V D	C405	0CESS100CMTR	ELEC CAP, 10UF 16V M
C52	0CHSS100DDTS	CHIP CAP, 10PF 50V D	C406	0CESS100CMTR	ELEC CAP, 10UF 16V M
C53	0CHSS100DDTS	CHIP CAP, 10PF 50V D	C417	0CHSS103DKTS	CHIP CAP, 0.01UF 50V K
C54	0CHSS100DDTS	CHIP CAP, 10PF 50V D	C418	0CHSS103DKTS	CHIP CAP, 0.01UF 50V K
C55	0CHSS100DDTS	CHIP CAP, 10PF 50V D	C419	0CHSS330DJTS	CHIP CAP, 33PF 50V J
C56	0CHSS100DDTS	CHIP CAP, 10PF 50V D	C420	0CHSS150DJTS	CHIP CAP, 15PF 50V J
C57	0CHSS100DDTS	CHIP CAP, 10PF 50V D	C421	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z
C58	0CHSS100DDTS	CHIP CAP, 10PF 50V D	C422	0CESS2R2HMTR	ELEC CAP, 2.2UF 50V M
C59	0CHSS100DDTS	CHIP CAP, 10PF 50V D	C423	0CHSS080DCTS	CHIP CAP, 8PF 50V C
C60	0CHSS100DDTS	CHIP CAP, 10PF 50V D	C424	0CHSS560DJTS	CHIP CAP, 56PF 50V J
C61	0CHSS100DDTS	CHIP CAP, 10PF 50V D	C425	0CHSS471DJTS	CHIP CAP, 470PF 50V J
C62	0CHSS100DDTS	CHIP CAP, 10PF 50V D	C426	0CHSS471DJTS	CHIP CAP, 470PF 50V J
C63	0CHSS100DDTS	CHIP CAP, 10PF 50V D	C501	0CHSS683DKTS	CHIP CAP, 0.068UF 50V K
C64	0CHSS100DDTS	CHIP CAP, 10PF 50V D	C502	0CHSS683DKTS	CHIP CAP, 0.068UF 50V K
C65	0CHSS100DDTS	CHIP CAP, 10PF 50V D	C503	0CHSS200DJTS	CHIP CAP, 20PF 50V J
C66	0CHSS100DDTS	CHIP CAP, 10PF 50V D	C505	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z
C67	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z	C506	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z
C68	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z	C507	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z
C69	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z	C508	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z
C70	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z	C509	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z
C71	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z	C510	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z
C72	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z	C511	0CHSS224DZTS	CHIP CAP, 0.22UF 50V Z
C73	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z	C512	0CHSS224DZTS	CHIP CAP, 0.22UF 50V Z
C74	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z	C513	0CHSS224DZTS	CHIP CAP, 0.22UF 50V Z
C75	0CESS100CMTR	ELEC CAP, 10UF 16V M	C514	0CHSS224DZTS	CHIP CAP, 0.22UF 50V Z
C76	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z	C515	0CHSS224DZTS	CHIP CAP, 0.22UF 50V Z
C77	0CESS100CMTR	ELEC CAP, 10UF 16V M	C516	0CHSS224DZTS	CHIP CAP, 0.22UF 50V Z
C78	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z	C517	0CESS101CMTR	ELEC CAP, 100UF 16V M
C79	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z	C519	0CHSS473DKTS	CHIP CAP, 0.047UF 50V K
C80	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z	C520	0CTSS470CMTS	TANTAL CAP, 47UF 16V M
C81	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z	C521	0CHSS391DJTS	CHIP CAP, 390PF 50V J
C102	0CHSS103DKTS	CHIP CAP, 0.01UF 50V K	C522	0CHSS102DKTS	CHIP CAP, 1000PF 50V K
C103	0CHSS103DKTS	CHIP CAP, 0.01UF 50V K	C523	0CHSS224DZTS	CHIP CAP, 0.22UF 50V Z
C104	0CHSS103DKTS	CHIP CAP, 0.01UF 50V K	C524	0CHSS100DDTS	CHIP CAP, 10PF 50V D
C105	0CHSS330DJTS	CHIP CAP, 33PF 50V J	C526	0CTSS100CMTS	TANTAL CAP, 10UF 16V M
C106	0CHSS330DJTS	CHIP CAP, 33PF 50V J	C528	0CHSS222DKTS	CHIP CAP, 2200PF 50V K
C107	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z	C531	0CHSS102DKTS	CHIP CAP, 1000PF 50V K
C108	0CHSS103DKTS	CHIP CAP, 0.01UF 50V K	C532	0CBSS010HMTR	BP CAP, 1UF 50V M
C109	0CHSS101DJTS	CHIP CAP, 100PF 50V J	C533	0CBSS010HMTR	BP CAP, 1UF 50V M

The components identified by mark ① is critical for safety.
Replace only with part number specified.

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

CH:Chip Capacitor
CE:Electrolytic
Capacitor
CB:Bipolar Capacitor
CQ: Poly Capacitor
CT:Tantal Capacitor

LOCA. NO	PART NO	DESCRIPTION
C534	0CBSS010HMTR	BP CAP, 1UF 50V M
C535	0CBSS010HMTR	BP CAP, 1UF 50V M
C536	0CESS101CMTR	ELEC CAP, 100UF 16V M
C537	0CHSS473DKTS	CHIP CAP, 0.047UF 50V K
C538	0CHSS152DKTS	CHIP CAP, 1500PF 50V K
C539	0CHSS152DKTS	CHIP CAP, 1500PF 50V K
C540	0CHSS391DJTS	CHIP CAP, 390PF 50V J
C541	0CHSS224DZTS	CHIP CAP, 0.22UF 50V Z
C542	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z
C546	0CESS101CMTR	ELEC CAP, 100UF 16V M
C547	0CTSS220CMTS	TANTAL CAP, 22UF 16V M
C548	0CHSS473DKTS	CHIP CAP, 0.047UF 50V K
C549	0CTSS470CMTS	TANTAL CAP, 22UF 16V M
C550	0CHSS391DJTS	CHIP CAP, 390PF 50V J
C551	0CHSS102DKTS	CHIP CAP, 1000PF 50V K
C552	0CHSS224DZTS	CHIP CAP, 0.22UF 50V Z
C553	0CHSS030DCTS	CHIP CAP, 3PF 50V C
C554	0CHSS030DCTS	CHIP CAP, 3PF 50V C
C555	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z
C556	0CTSS100CMTS	TANTAL CAP, 10UF 16V M
C557	0CHSS473DKTS	CHIP CAP, 0.047UF 50V K
C558	0CHSS152DKTS	CHIP CAP, 1500PF 50V K
C559	0CHSS683DKTS	CHIP CAP, 0.068UF 50V K
C601	0CESS101CMTR	ELEC CAP, 100UF 16V M
C602	0CESS101CMTR	ELEC CAP, 100UF 16V M
C603	0CHSS103DKTS	CHIP CAP, 0.01UF 50V K
C604	0CHSS560DJTS	CHIP CAP, 56PF 50V J
C605	0CHSS560DJTS	CHIP CAP, 56PF 50V J
C607	0CHSS020DCTS	CHIP CAP, 2PF 50V C
C608	0CHSS020DCTS	CHIP CAP, 2PF 50V C
C609	0CHSS103DKTS	CHIP CAP, 0.01UF 50V K
C612	0CHSS103DKTS	CHIP CAP, 0.01UF 50V K
C613	0CESS470CMTR	CHIP CAP, 47UF 16V M
C614	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z
C615	0CHSS152DKTS	CHIP CAP, 1500PF 50V K
C616	0CHSS152DKTS	CHIP CAP, 1500PF 50V K
C619	0CESS101CMTR	ELEC CAP, 100UF 16V M
C620	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z
C621	0CESS100CMTR	ELEC CAP, 10UF 16V M
C622	0CESS100CMTR	ELEC CAP, 10UF 16V M
C624	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z
C625	0CESS3R3HMTR	ELEC CAP, 3.3UF 50V M
C626	0CHSS224DZTS	CHIP CAP, 0.22UF 50V Z
C627	0CHSS222DKTS	CHIP CAP, 2200PF 50V K
C628	0CHSS222DKTS	CHIP CAP, 2200PF 50V K
C629	0CHSS222DKTS	CHIP CAP, 2200PF 50V K
C630	0CHSS222DKTS	CHIP CAP, 2200PF 50V K
C631	0CHSS224DZTS	CHIP CAP, 0.22UF 50V Z
C632	0CHSS224DZTS	CHIP CAP, 0.22UF 50V Z
C633	0CHSS224DZTS	CHIP CAP, 0.22UF 50V Z
C636	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z
C638	0CHSS472DKTS	CHIP CAP, 4700PF 50V K
C639	0CESS100CMTR	ELEC CAP, 10UF 16V M
C640	0CHSS103DKTS	CHIP CAP, 0.01UF 50V K
C641	0CESS101CMTR	ELEC CAP, 100UF 16V M
C642	0CESS2R2HMTR	ELEC CAP, 2.2UF 50V M
C643	0CESS101EMTR	ELEC CAP, 100UF 25V M

LOCA. NO	PART NO	DESCRIPTION
C645	0CESS2R2HMTR	ELEC CAP, 2.2UF 50V M
C646	0CESS101CMTR	ELEC CAP, 100UF 16V M
C647	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z
C648	0CESS471CMTR	ELEC CAP, 470UF 16V M
C649	0CQSS103KKTR	POLY CAP, 0.01UF 200V K
C650	0CQSS103KKTR	POLY CAP, 0.01UF 200V K
C651	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z
C652	0CESS471CMTR	ELEC CAP, 470UF 16V M
C653	0CESS471CMTR	ELEC CAP, 470UF 16V M
C654	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z
C655	0CESS470CMTR	ELEC CAP, 47UF 16V M
C801	0CESS101FMTR	ELEC CAP, 100UF 35V M
C802	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z
C803	0CESS220CMTR	ELEC CAP, 22UF 16V M
C804	0CESS101FMTR	ELEC CAP, 100UF 35V M
C805	0CESS471AMTR	ELEC CAP, 470UF 10V M
C806	0CESS471AMTR	ELEC CAP, 470UF 10V M
C807	0CESS4R7HMTR	ELEC CAP, 4.7UF 50V M
C808	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z
C809	0CESS221CMTR	ELEC CAP, 220UF 16V M
C811	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z
C812	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z
C816	0CESS470CMTR	ELEC CAP, 47UF 16V M
C820	0CESS221AMTR	ELEC CAP, 220UF 10V M
C821	0CESS221AMTR	ELEC CAP, 220UF 10V M
C1101	0CHSS104DZTS	CHIP CAP, 0.1UF 50V Z
RESISTOR		
C119	0RHSS000DJTS	CHIP RES, 00HM 1/16W J
C409	0RHSS750DJTS	CHIP RES, 750HM 1/16W J
C410	0RHSS750DJTS	CHIP RES, 750HM 1/16W J
R01	0RHSS270DJTS	CHIP RES, 270HM 1/16W J
R03	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R04	0RHSS220DJTS	CHIP RES, 220HM 1/16W J
R05	0RHSS220DJTS	CHIP RES, 220HM 1/16W J
R06	0RHSS220DJTS	CHIP RES, 220HM 1/16W J
R07	0RHSS220DJTS	CHIP RES, 220HM 1/16W J
R08	0RHSS105DJTS	CHIP RES, 1MOHM 1/16W J
R11	0RHSS220DJTS	CHIP RES, 220HM 1/16W J
R12	0RHSS220DJTS	CHIP RES, 220HM 1/16W J
R13	0RHSS220DJTS	CHIP RES, 220HM 1/16W J
R14	0RHSS220DJTS	CHIP RES, 220HM 1/16W J
R15	0RHSS220DJTS	CHIP RES, 220HM 1/16W J
R16	0RHSS220DJTS	CHIP RES, 220HM 1/16W J
R17	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R18	0RHSS273DJTS	CHIP RES, 27KOHM 1/16W J
R19	0RHSS472DJTS	CHIP RES, 4.7KOHM 1/16W J
R20	0RHSS220DJTS	CHIP RES, 220HM 1/16W J
R21	0RHSS220DJTS	CHIP RES, 220HM 1/16W J
R22	0RHSS220DJTS	CHIP RES, 220HM 1/16W J
R23	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R30	0RHSS220DJTS	CHIP RES, 220HM 1/16W J
R101	0RHSS182DJTS	CHIP RES, 1.8KOHM 1/16W J
R102	0RHSS000DJTS	CHIP RES, 00HM 1/16W J
R104	0RHSS223DJTS	CHIP RES, 22KOHM 1/16W J
R106	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R107	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R108	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J

The components identified by mark ① is critical for safety.
Replace only with part number specified.

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

RH:Chip Resistor
RD: Carbon Resistor

LOCA. NO	PART NO	DESCRIPTION
R109	0RHSS102DJTS	CHIP RES, 1KOHM 1/16W J
R110	0RHSS471DJTS	CHIP RES, 470OHM 1/16W J
R111	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R112	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R113	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R114	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R115	0RHSS102DJTS	CHIP RES, 1KOHM 1/16W J
R116	0RHSS433DJTS	CHIP RES, 43KOHM 1/16W J
R117	0RHSS221DJTS	CHIP RES, 220OHM 1/16W J
R118	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R119	0RHSS332DJTS	CHIP RES, 3.3KOHM 1/16W J
R120	0RHSS472DJTS	CHIP RES, 4.7KOHM 1/16W J
R122	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R124	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R125	0RHSS332DJTS	CHIP RES, 3.3KOHM 1/16W J
R126	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R127	0RHSS332DJTS	CHIP RES, 3.3KOHM 1/16W J
R128	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R129	0RHSS332DJTS	CHIP RES, 3.3KOHM 1/16W J
R130	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R131	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R132	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R140	0RHSS220DJTS	CHIP RES, 220OHM 1/16W J
R141	0RHSS220DJTS	CHIP RES, 220OHM 1/16W J
R142	0RHSS220DJTS	CHIP RES, 220OHM 1/16W J
R143	0RHSS332DJTS	CHIP RES, 3.3KOHM 1/16W J
R144	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R145	0RHSS332DJTS	CHIP RES, 3.3KOHM 1/16W J
R146	0RHSS472DJTS	CHIP RES, 4.7KOHM 1/16W J
R147	0RHSS472DJTS	CHIP RES, 4.7KOHM 1/16W J
R149	0RHSS104DJTS	CHIP RES, 100OHM 1/16W J
R150	0RHSS221DJTS	CHIP RES, 220OHM 1/16W J
R151	0RHSS220DJTS	CHIP RES, 220OHM 1/16W J
R152	0RHSS220DJTS	CHIP RES, 220OHM 1/16W J
R163	0RHSS102DJTS	CHIP RES, 1KOHM 1/16W J
R164	0RHSS000DJTS	CHIP RES, 0OHM 1/16W J
R166	0RHSS000DJTS	CHIP RES, 0OHM 1/16W J
R170	0RHSS332DJTS	CHIP RES, 3.3KOHM 1/16W J
R171	0RHSS332DJTS	CHIP RES, 3.3KOHM 1/16W J
R172	0RHSS332DJTS	CHIP RES, 3.3KOHM 1/16W J
R174	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R175	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R176	0RHSS220DJTS	CHIP RES, 220OHM 1/16W J
R177	0RHSS220DJTS	CHIP RES, 220OHM 1/16W J
R178	0RHSS123DJTS	CHIP RES, 12KOHM 1/16W J
R179	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R182	0RHSS221DJTS	CHIP RES, 220OHM 1/16W J
R183	0RHSS223DJTS	CHIP RES, 22KOHM 1/16W J
R190	0RHSS220DJTS	CHIP RES, 220OHM 1/16W J
R191	0RHSS220DJTS	CHIP RES, 220OHM 1/16W J
R192	0RHSS220DJTS	CHIP RES, 220OHM 1/16W J
R193	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R194	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R195	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R196	0RHSS272DJTS	CHIP RES, 2.7KOHM 1/16W J
R197	0RHSS272DJTS	CHIP RES, 2.7KOHM 1/16W J
R402	0RHSS473DJTS	CHIP RES, 47KOHM 1/16W J

LOCA. NO	PART NO	DESCRIPTION
R403	0RHSS333DJTS	CHIP RES, 33KOHM 1/16W J
R404	0RHSS102DJTS	CHIP RES, 1KOHM 1/16W J
R405	0RHSS220DJTS	CHIP RES, 220OHM 1/16W J
R406	0RHSS750DJTS	CHIP RES, 750OHM 1/16W J
R416	0RHSS473DJTS	CHIP RES, 47KOHM 1/16W J
R417	0RHSS333DJTS	CHIP RES, 33KOHM 1/16W J
R418	0RHSS102DJTS	CHIP RES, 1KOHM 1/16W J
R419	0RHSS473DJTS	CHIP RES, 47KOHM 1/16W J
R420	0RHSS333DJTS	CHIP RES, 33KOHM 1/16W J
R421	0RHSS102DJTS	CHIP RES, 1KOHM 1/16W J
R424	0RHSS000DJTS	CHIP RES, 0OHM 1/16W J
R425	0RHSS000DJTS	CHIP RES, 0OHM 1/16W J
R428	ORDSS121HJTA	Carbon RES, 120OHM 1/2W J
R429	ORDSS121HJTA	Carbon RES, 120OHM 1/2W J
R430	0RHSS000DJTS	CHIP RES, 0OHM 1/16W J
R431	0RHSS750DJTS	CHIP RES, 750OHM 1/16W J
R432	0RHSS750DJTS	CHIP RES, 750OHM 1/16W J
R433	0RHSS471DJTS	CHIP RES, 470OHM 1/16W J
R434	0RHSS750DJTS	CHIP RES, 750OHM 1/16W J
R435	0RHSS512DJTS	CHIP RES, 5.1KOHM 1/16W J
R436	0RHSS474DJTS	CHIP RES, 470KOHM 1/16W J
R437	0RHSS512DJTS	CHIP RES, 5.1KOHM 1/16W J
R438	0RHSS474DJTS	CHIP RES, 470KOHM 1/16W J
R441	0RHSS151DJTS	CHIP RES, 150OHM 1/16W J
R501	0RHSS000DJTS	CHIP RES, 0OHM 1/16W J
R502	0RHSS000DJTS	CHIP RES, 0OHM 1/16W J
R505	0RHSS000DJTS	CHIP RES, 0OHM 1/16W J
R506	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R507	0RHSS000DJTS	CHIP RES, 0OHM 1/16W J
R508	0RHSS000DJTS	CHIP RES, 0OHM 1/16W J
R509	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R510	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R511	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R512	0RHSS750DJTS	CHIP RES, 750OHM 1/16W J
R514	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R515	0RHSS472DJTS	CHIP RES, 4.7KOHM 1/16W J
R516	0RHSS220DJTS	CHIP RES, 220OHM 1/16W J
R517	0RHSS220DJTS	CHIP RES, 220OHM 1/16W J
R518	0RHSS220DJTS	CHIP RES, 220OHM 1/16W J
R519	0RHSS220DJTS	CHIP RES, 220OHM 1/16W J
R520	0RHSS220DJTS	CHIP RES, 220OHM 1/16W J
R526	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R532	0RHSS100DJTS	CHIP RES, 100OHM 1/16W J
R533	0RHSS272DJTS	CHIP RES, 2.7KOHM 1/16W J
R534	0RHSS220DJTS	CHIP RES, 220OHM 1/16W J
R540	0RHSS000DJTS	CHIP RES, 0OHM 1/16W J
R541	0RHSS000DJTS	CHIP RES, 0OHM 1/16W J
R542	0RHSS000DJTS	CHIP RES, 0OHM 1/16W J
R543	0RHSS750DJTS	CHIP RES, 750OHM 1/16W J
R544	0RHSS750DJTS	CHIP RES, 750OHM 1/16W J
R545	0RHSS750DJTS	CHIP RES, 750OHM 1/16W J
R546	0RHSS000DJTS	CHIP RES, 0OHM 1/16W J
R552	0RHSS112DJTS	CHIP RES, 1.1KOHM 1/16W J
R553	0RHSS821DJTS	CHIP RES, 820OHM 1/16W J
R601	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R602	0RHSS105DJTS	CHIP RES, 1MOHM 1/16W J
R605	0RHSS100DJTS	CHIP RES, 100OHM 1/16W J

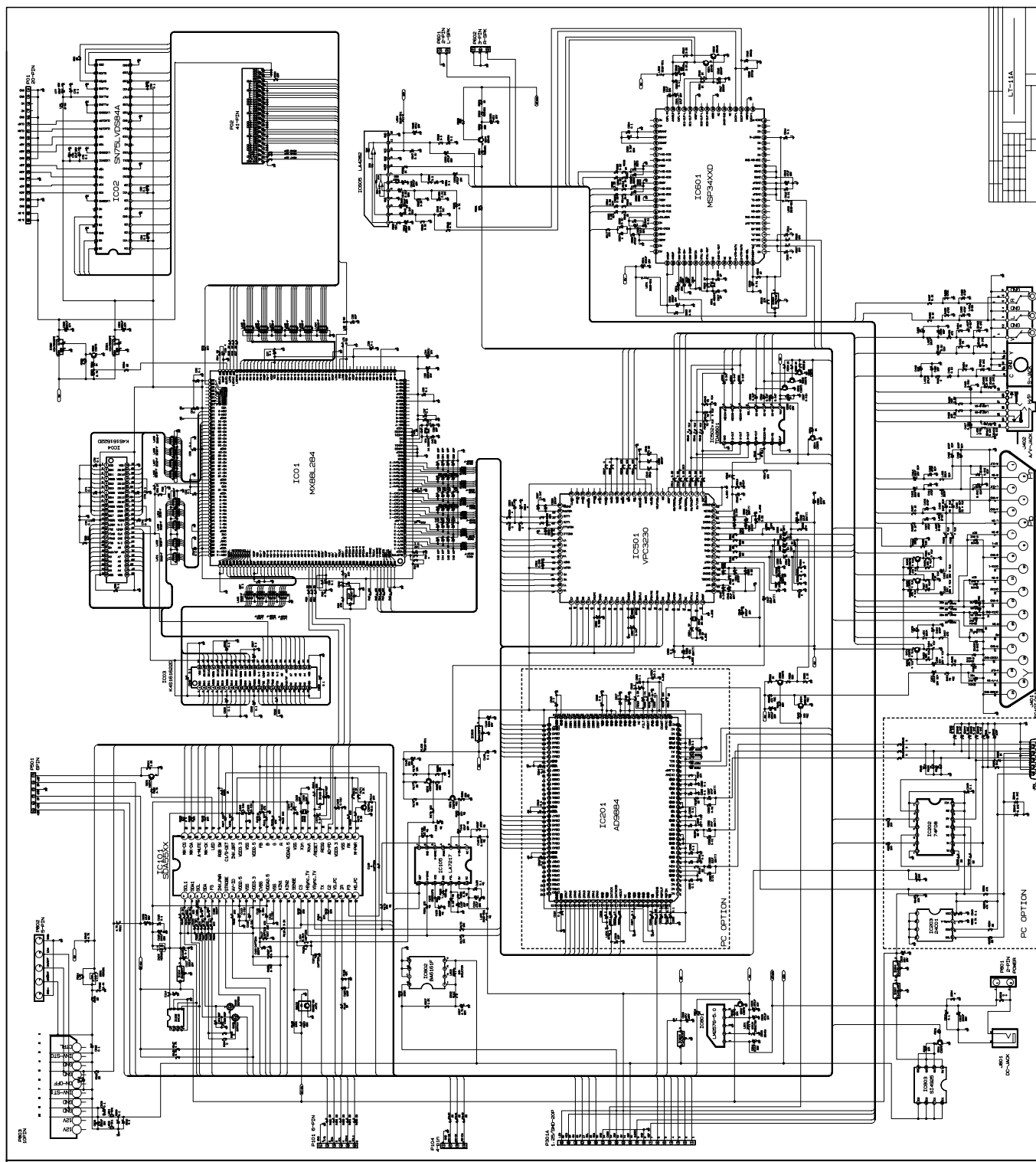
The components identified by mark ① is critical for safety.
Replace only with part number specified.

For Capacitor & Resistors, the characters at 1st, 2nd and 3rd digit in the P/No. means as follows.

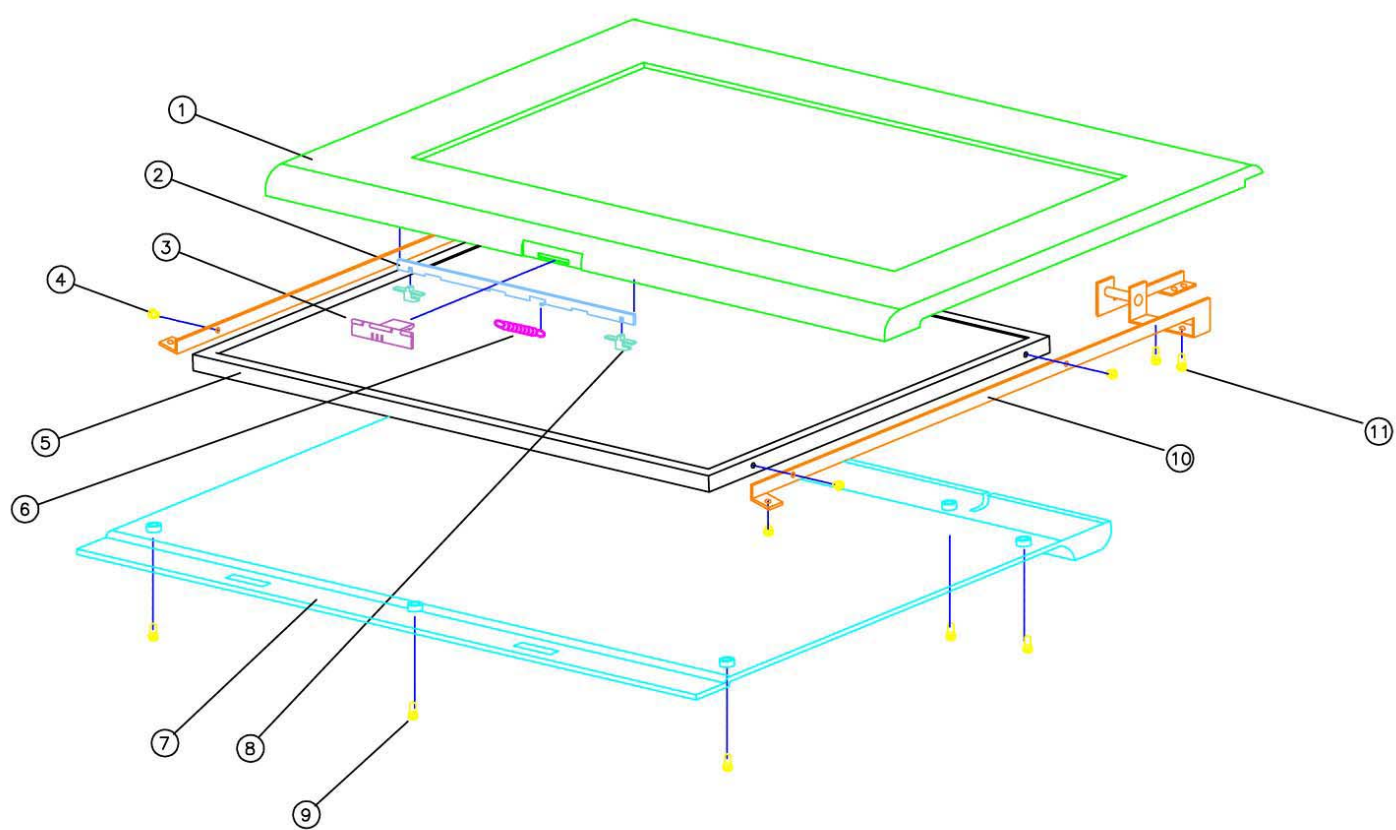
RH: Chip Resistor
RD: Carbon Resistor
JA: Jack
WAF: Pin Wafer

LOCA. NO	PART NO	DESCRIPTION
R606	0RHSS273DJTS	CHIP RES, 27KOHM 1/16W J
R607	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R608	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R613	0RHSS102DJTS	CHIP RES, 1KOHM 1/16W J
R614	0RHSS102DJTS	CHIP RES, 1KOHM 1/16W J
R615	0RHSS102DJTS	CHIP RES, 1KOHM 1/16W J
R616	0RHSS102DJTS	CHIP RES, 1KOHM 1/16W J
R617	0RHSS101DJTS	CHIP RES, 100OHM 1/16W J
R618	0RHSS472DJTS	CHIP RES, 4.7KOHM 1/16W J
R619	0RHSS332DJTS	CHIP RES, 3.3KOHM 1/16W J
R620	0RHSS561DJTS	CHIP RES, 560OHM 1/16W J
R622	0RHSS102DJTS	CHIP RES, 1KOHM 1/16W J
R623	0RHSS3R3DJTS	CHIP RES, 3.3OHM 1/16W J
R624	0RHSS3R3DJTS	CHIP RES, 3.3OHM 1/16W J
R625	0RHSS472DJTS	CHIP RES, 4.7KOHM 1/16W J
R626	0RHSS332DJTS	CHIP RES, 3.3KOHM 1/16W J
R627	0RHSS561DJTS	CHIP RES, 560OHM 1/16W J
R628	0RHSS683DJTS	CHIP RES, 68KOHM 1/16W J
R629	0RHSS102DJTS	CHIP RES, 1KOHM 1/16W J
R630	0RHSS151DJTS	CHIP RES, 150OHM 1/16W J
R631	0RHSS103DJTS	CHIP RES, 10KOHM 1/16W J
R632	0RHSS102DJTS	CHIP RES, 1KOHM 1/16W J
R633	0RHSS102DJTS	CHIP RES, 1KOHM 1/16W J
R634	0RHSS000EJTS	CHIP RES, 0OHM 1/16W J
R635	0RHSS000EJTS	CHIP RES, 0OHM 1/16W J
R636	0RHSS000EJTS	CHIP RES, 0OHM 1/16W J
R637	0RHSS000EJTS	CHIP RES, 0OHM 1/16W J
R801	0RHSS102DJTS	CHIP RES, 1KOHM 1/16W J
R802	0RHSS103DJTS	CHIP RES, 10KOHM 1/16W J
R804	0RHSS102DJTS	CHIP RES, 1KOHM 1/16W J
R805	0RHSS103DJTS	CHIP RES, 10KOHM 1/16W J
R806	0RHSS104DJTS	CHIP RES, 100KOHM 1/16W J
R807	0RHSS122DJTS	CHIP RES, 1.2KOHM 1/16W J
R811	0RHSS472DJTS	CHIP RES, 4.7KOHM 1/16W J
R812	0RHSS220DJTS	CHIP RES, 22OHM 1/16W J
R813	0RHSS220DJTS	CHIP RES, 22OHM 1/16W J
R814	0RHSS182DJTS	CHIP RES, 1.8KOHM 1/16W J
R815	0RHSS242DJTS	CHIP RES, 2.4KOHM 1/16W J
R816	0RHSS472DJTS	CHIP RES, 4.7KOHM 1/16W J
R820	0RHSS472DJTS	CHIP RES, 4.7KOHM 1/16W J
R821	0RHSS102DJTS	CHIP RES, 1KOHM 1/16W J
R1101	0RHSS331DJTS	CHIP RES, 330OHM 1/16W J
R1102	0RHSS681DJTS	CHIP RES, 680OHM 1/16W J
R1103	0RHSS911DJTS	CHIP RES, 910OHM 1/16W J
R1104	0RHSS162DJTS	CHIP RES, 1.6KOHM 1/16W J
R1105	0RHSS681DJTS	CHIP RES, 680OHM 1/16W J
R1106	0RHSS911DJTS	CHIP RES, 910OHM 1/16W J
PRE-AMP		
PA1102	0PAVI48380AD	PRE-AMP, TSOP4838
SWITCH		
SW100	1SWDDAHF23BD	S/W, SENSE AHF23
SW1101	600-002A	S/W, TACK YTP-1141A
SW1102	600-002A	S/W, TACK YTP-1141A
SW1103	600-002A	S/W, TACK YTP-1141A
SW1104	600-002A	S/W, TACK YTP-1141A
SW1105	600-002A	S/W, TACK YTP-1141A
SW1106	600-002A	S/W, TACK YTP-1141A

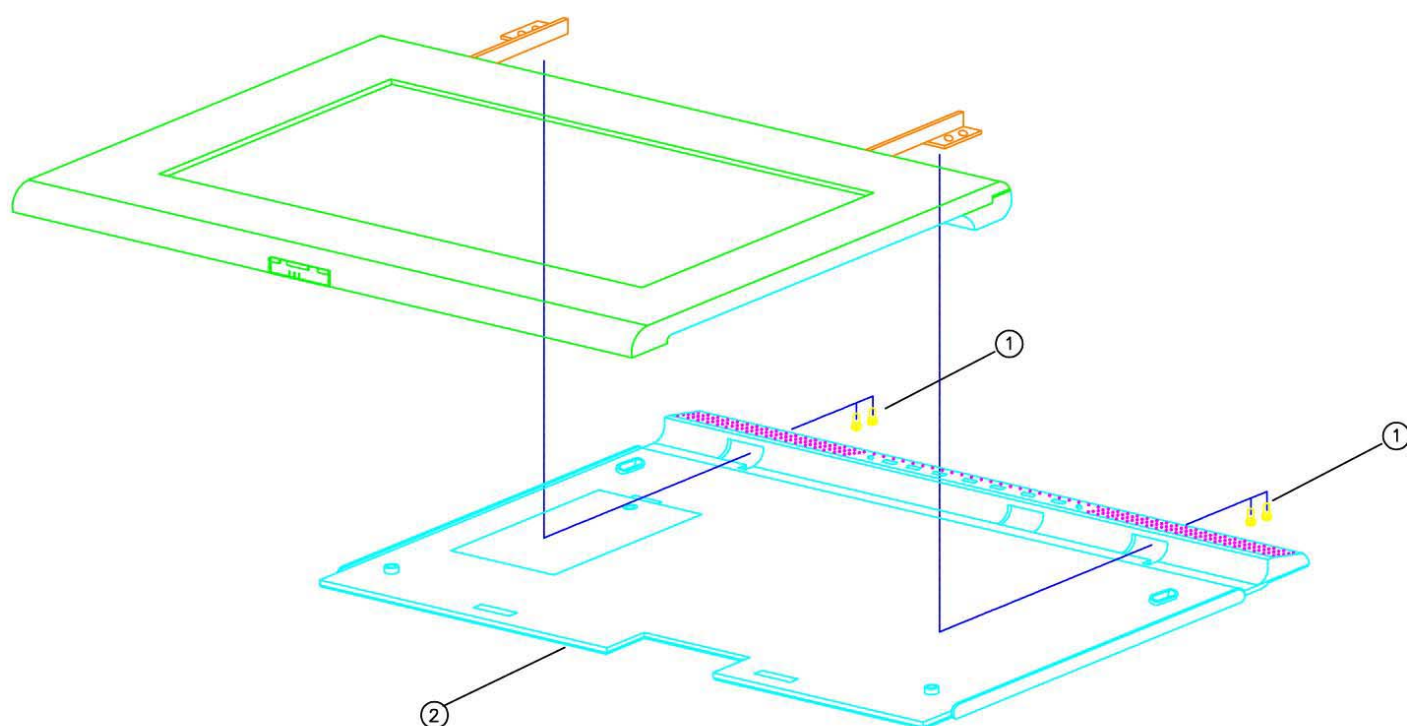
LOCA. NO	PART NO	DESCRIPTION
SW1107	600-002A	S/W, TACK YTP-1141A
PIN WAFER		
P01	WAFYH20125AS	PIN WAFER, 12507WR-20
P101	WAFLG06250SD	PIN WAFER, GIL-G-6P-S3T2
P104	WAFLG04250SD	PIN WAFER, GIL-G-4P-S3T2
P1101	WAFML06200AD	PIN WAFER, 53014-0610(ANGLE)
P301A	WAFYH20125AS	PIN WAFER, 12507WR-20
P501	WAFML06200SD	PIN WAFER, 53014-0610(S/T)
P601	WAFYH02200SD	PIN WAFER, SMW200-02
P602	WAFYH03200SD	PIN WAFER, SMW200-03
P801	WAFYH02250SD	PIN WAFER, YMW025-02R
P802	WAFYH05125AS	PIN WAFER, 12505WR-05
JACK		
J401	0JAPK6063COD	JACK, PJ6063C 3P
J402	0JAPK014A00D	JACK, PMJ014A
J801	1JADM231000D	JACK, DS231-115



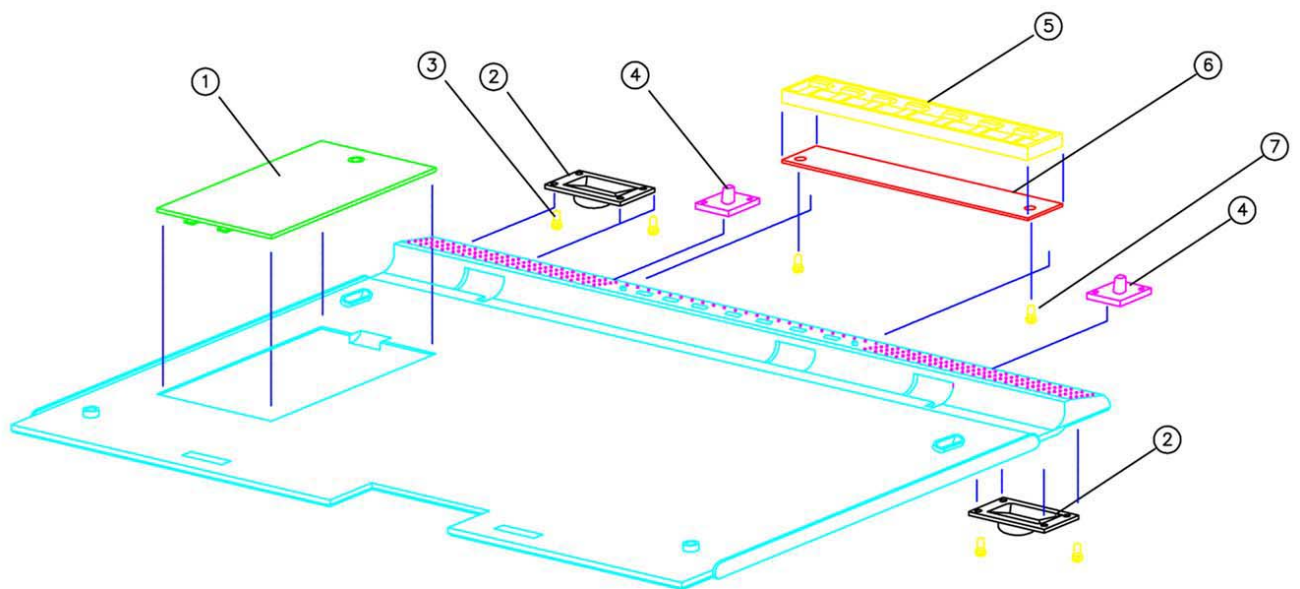
ASSEMBLY (STEP-1)



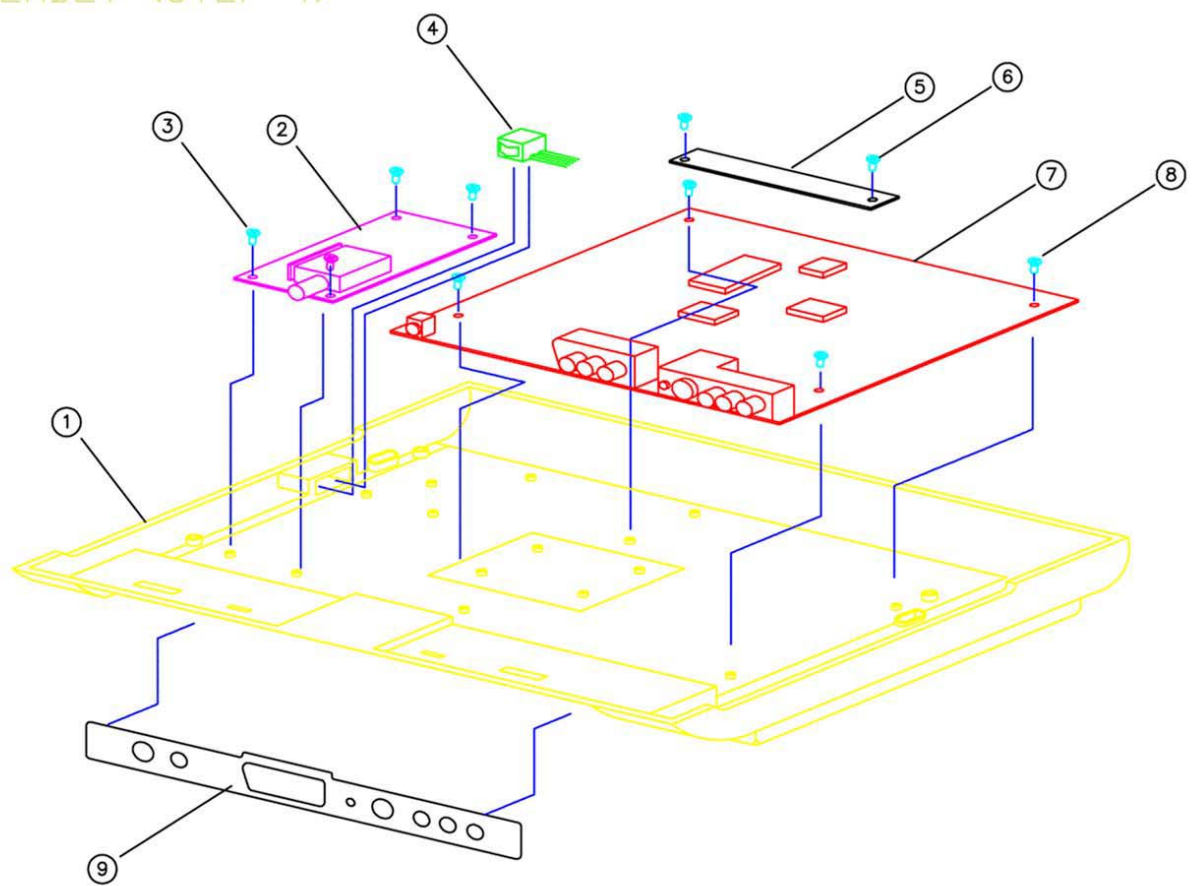
ASSEMBLY (STEP-2)



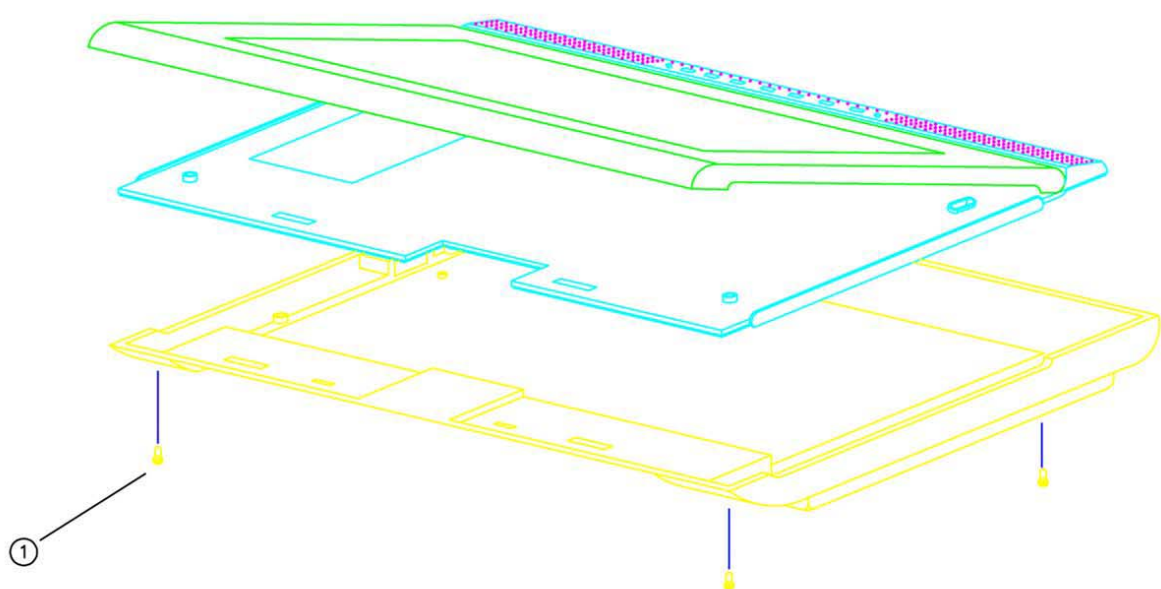
ASSEMBLY (STEP-3)



ASSEMBLY (STEP-4)



ASSEMBLY (STEP-5)



EXPLODED VIEW PARTS LIST

STEP-1

O.	PART O.	DESCRIPTIO
1	400-001A	FRO T COVER
2	405-001A	LOCK BAR
3	405-001B	LOCK BAR SWITCH
4	410-001E	SCREW PP2*0,4*3
5	PA LP104S500	10.4" TFT LCD, LP104S5(B2AP)
6	406-001A	LOCK SPRI G
7	401-001A	PA EL COVER
8	405-001C	LOCK STOPPER
9	410-001A	SCREW PTTB 2.5*7
10	403-00A	HI GE ASSY
11	410-001D	SCREW PP 3*6

STEP-2

O.	PART O.	DESCRIPTIO
1	410-001D	SCREW PP 3*6
2	402-002A	BASE COVER

STEP-3

O.	PART O.	DESCRIPTIO
1	402-001A	TU ER COVER
2	610-001A	SPEAKER
3	410-001A	SCREW PTTB 2.5*7
4	408-002A	SE SOR LE S
5	404-001A	CO TROL K OB
6	AYCOLT10A01A	CO TROL BOARD
7	410-001A	SCREW PTTB 2.5*7

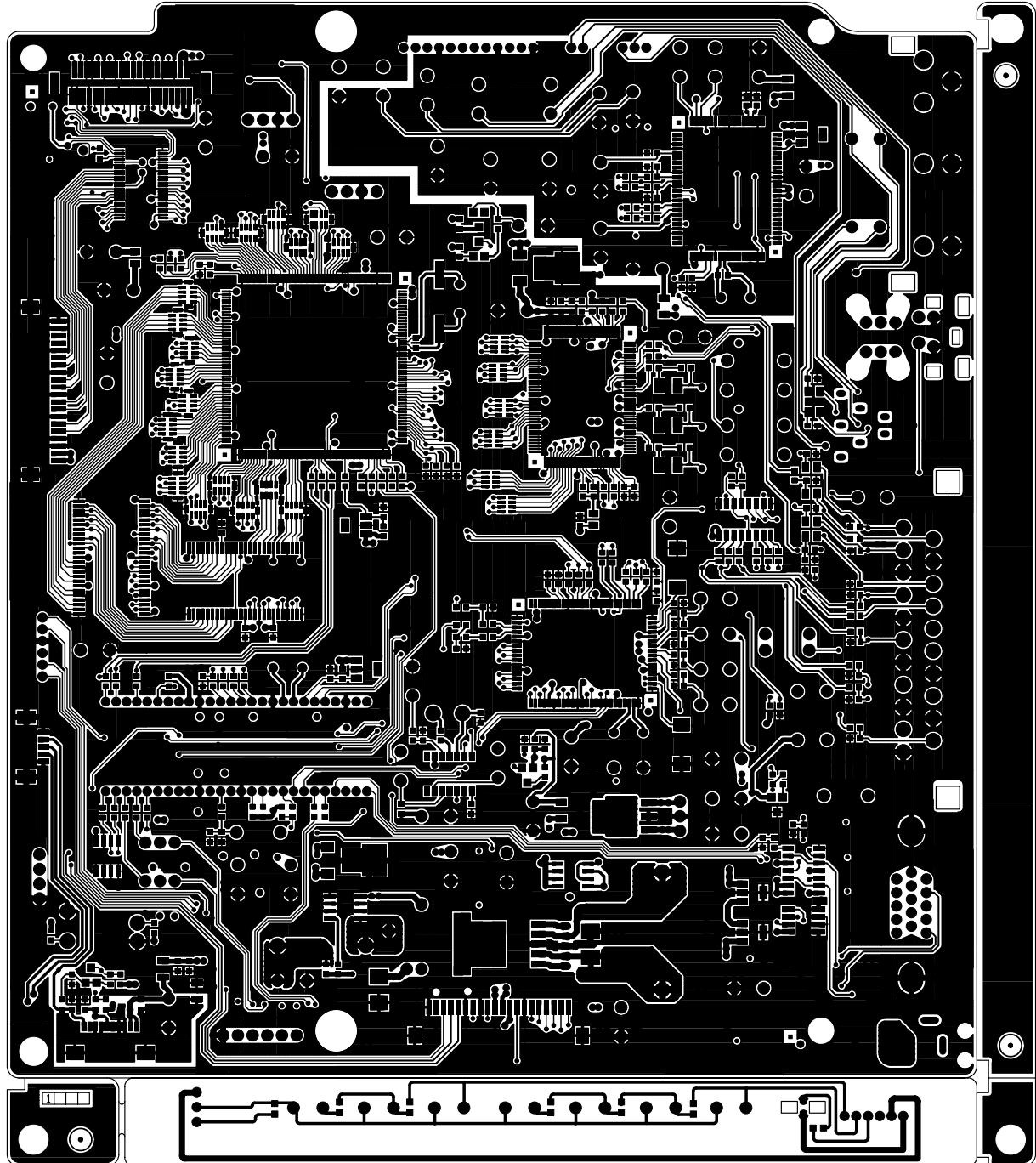
STEP-4

O.	PART O.	DESCRIPTIO
1	401-002A	BASE BACK
2	AYIFLT11A01A	TU ER BOARD
3	410-001A	SCREW PTTB 2.5*7
4	600-001A	POWER SWITCH
5	622-001A	I VERTER ASSY
6	410-001A	SCREW PTTB 2.5*7
7	AYMALT11A01A	MAI BOARD
8	410-001A	SCREW PTTB 2.5*7
9	450-001A	DECO PLATE

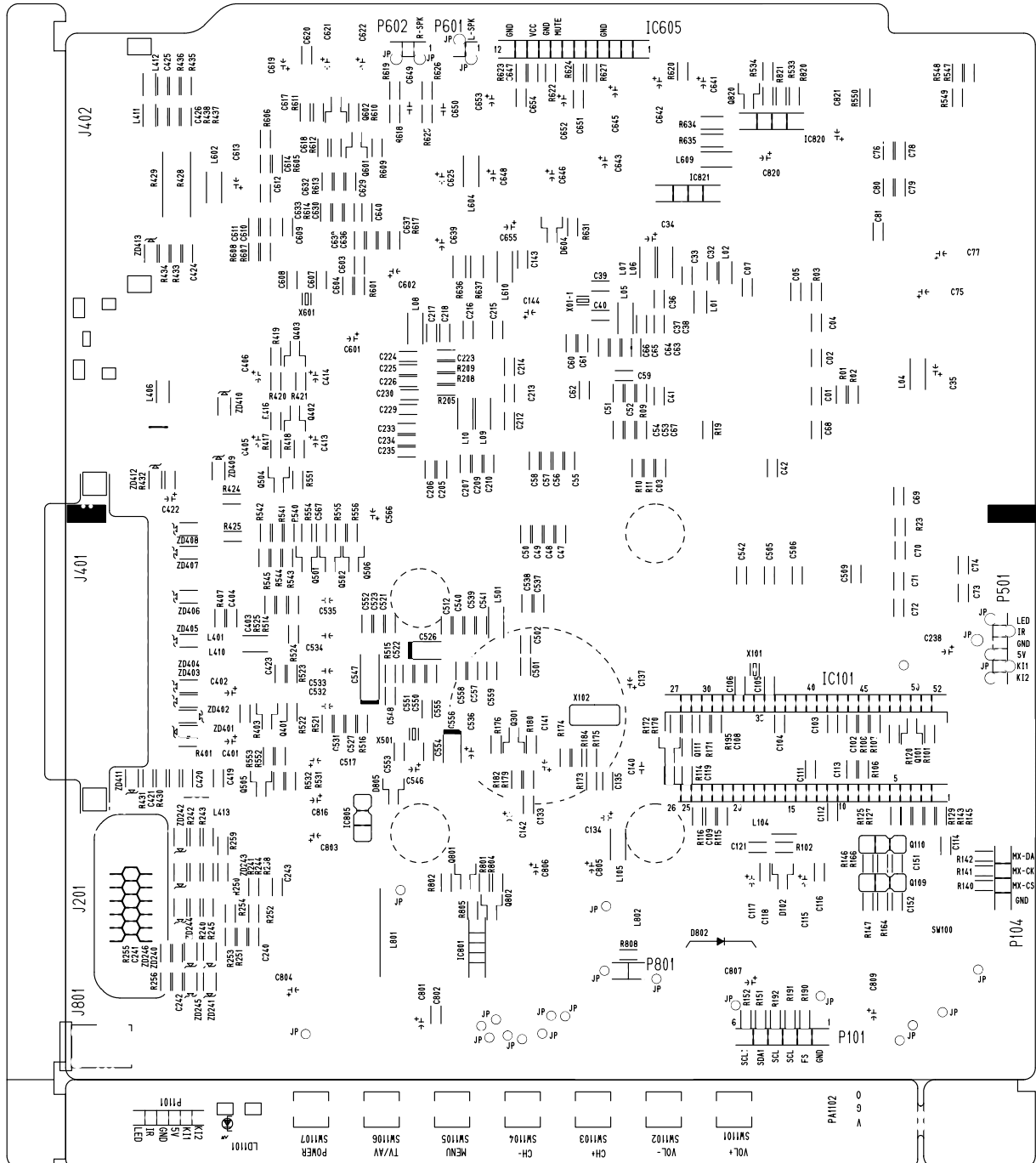
STEP-5

O.	PART O.	DESCRIPTIO
1	410-001D	SCREW PTTB 3*6

A01B11AM COMP SIDE. 01.11.15.



01.11.15.



A01B11AM

SOLD SIDE.

01.11.15.

