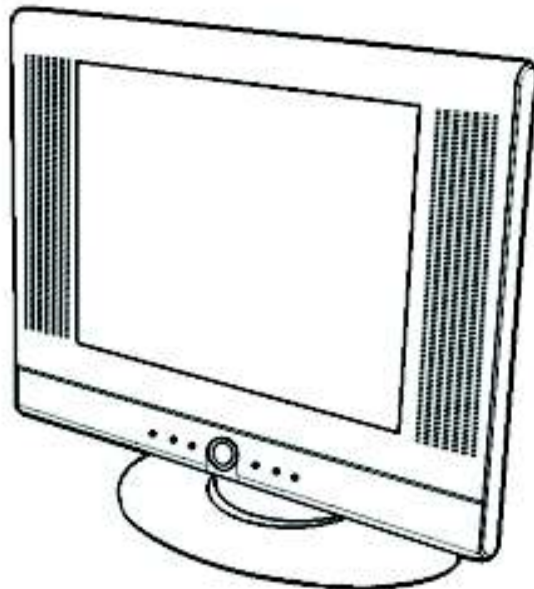


15.1" TFT-LCD TV

SERVICE MANUAL

CHASSIS:

MODEL: LT-15AEP / LT-15ALP / LT-15ATP



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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: ·· 1.5W+1.5W 4. Intermediate Frequency (IF): ·· Vision IF ; 38.9MHz ·· Color IF ; 34.47MHz(PAL) / 35.32MHz(NTSC) ·· Sound IF ; 33.4MHz (B/G) / 32.9MHz(I,I/I) / 32.4MHz(D/K, K1) / 34.4MHz(M) 5. Power consumption: ·· 45W(3W-ST-BY) 6. Antenna input impedance: ·· VHF/UHF 75ohm , Balanced type (PAL) / Unbalanced type (NTSC) 7. Voice coil impedance: ·· 8ohm(4ohm option)	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-15AEP	LT-15ALP	LT-15ATP
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	Play-back for special Video Tape Recorder	
25	NTSC-3.58/5.5MHZ		
26	NTSC-3.58/6.0MHZ		
27	NTSC-3.58/6.5MHZ		

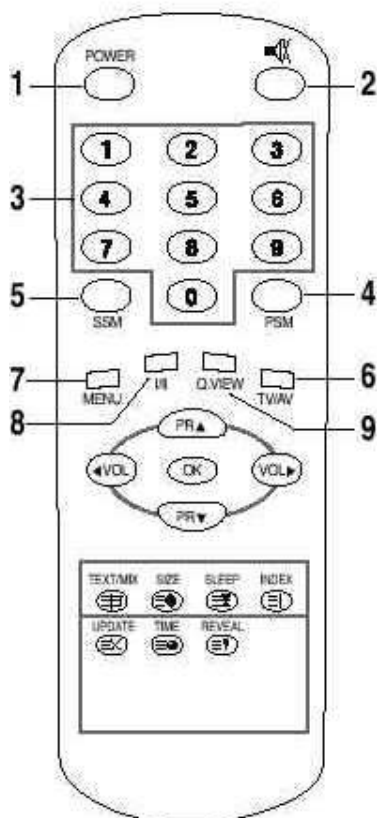
CONTROL DESCRIPTIONS

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

Turns the TV on from standby or off to standby mode.

2. MUTE

Turns the sound on and off.

3. NUMBER buttons

Selects programme numbers.

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, VIDEO, S-VIDEO or PC mode.

Clears the menu from the screen.

7. MENU

Displays a main menu.

8. I/II

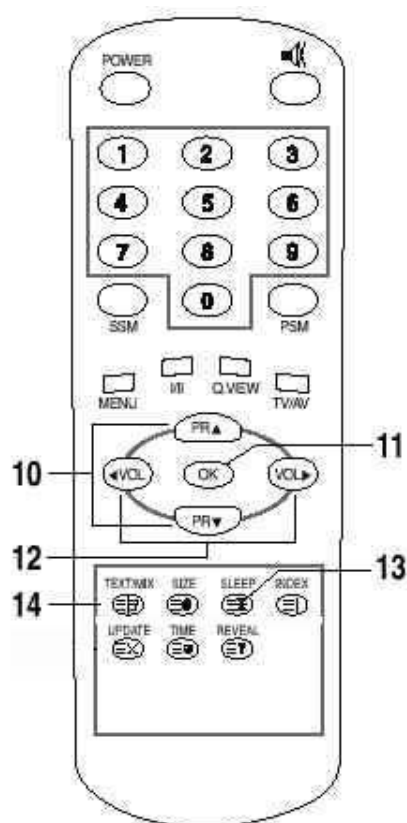
Selects the language during dual language broadcast.

Selects the sound output.

9. Q.VIEW

Returns to the previously viewed programme.

DESCRIPTION OF CONTROLS



10. PR▲▼ (Programme Up/Down)

Selects next programme or a menu item.

11. OK

Accepts your selection or displays the current mode.

12. VOL◀▶ (Volume Up/Down)

Adjusts the sound level.

Adjusts menu settings.

13. SLEEP

Sets the sleep timer.

Note: In Teletext mode, The **SLEEP** button is used for Teletext function.

14. TELETEXT Buttons

These buttons are used for Teletext.

For further details, see the 'Teletext' section.



► Inserting batteries

1. Remove the battery cover by pulling it upward in the direction shown by the arrow.
2. Insert the batteries with correct polarity ("+" to "+", and "-" to "-").
3. Replace the battery compartment cover.



* Install two high-quality 1.5V "AAA" alkaline batteries. Don't mix old batteries with new batteries.

* Remove batteries when you won't use the remote controller for long time. Liquid leakage from old batteries may cause operation failure.

Notes for using remote controller

- Make sure there are no objects between the remote controller and its sensor.
- Don't place the remote control near a heater or in damp place. Strong impact to the remote control may cause operation failure.
- Signal from the remote control may be disturbed by sunlight or other bright light. In this case, darken the room or move the TV.

DESCRIPTION OF CONTROLS

<<CONTROLLER OF PANEL>>

1. **MENU**

Displays a menu.

2. **- PR +** (Programme Up/Down)

Selects a programme or a menu item.

3. **POWER STANDBY INDICATOR**

Illuminates brightly when the TV is in standby mode. / Dims when the TV is switched on.

4. **POWER** Switches TV set on or off.

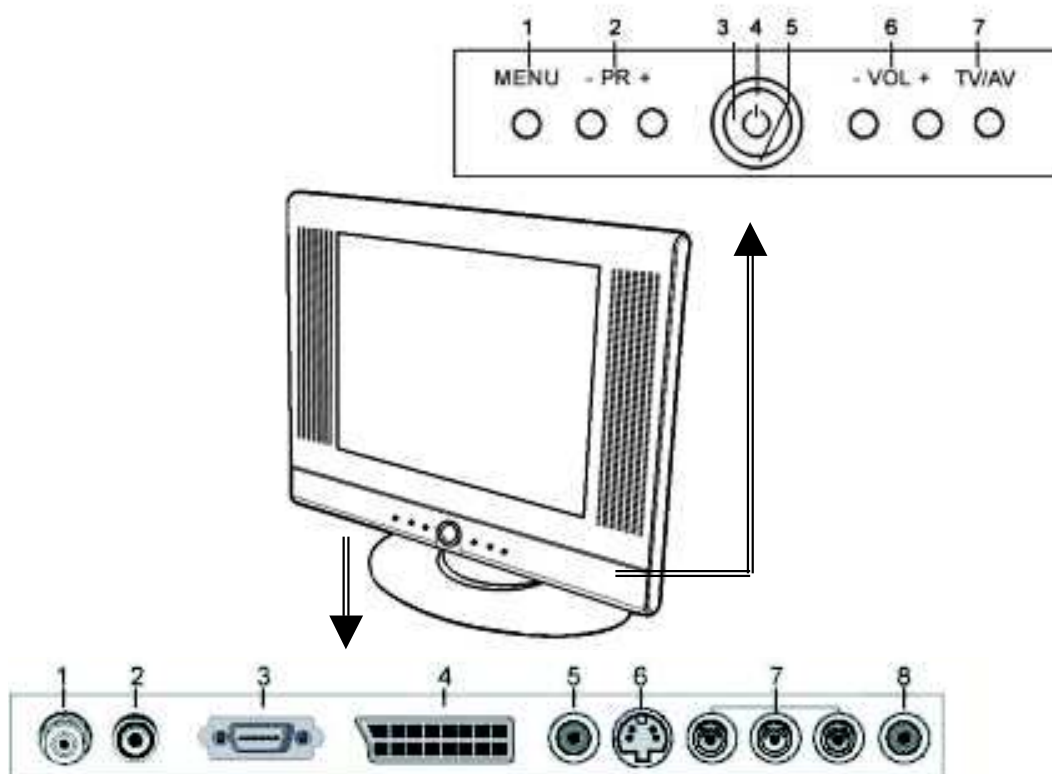
5. **Remote control sensor** Accepts the IR signal of remote controller.

6. **-VOL+ (Volume Up/Down)**

Adjusts the volume. / Adjusts menu settings.

7. **TV/AV**

Selects TV, SCART, VIDEO, S-VIDEO, PC or DTV modes. / Clears the menu from the screen.



1 **Ant. (Antenna input)**

2. **DC12V adaptor input**

3. **PC/DTV INPUT**

4. **SCART**

5. **HEADPHONE out**

Connect a headphone to this socket.

6. **S-VIDEO input**

Connect the output of an S -VIDEO VCR to the S-VIDEO input.

Connect the audio outputs of an S-VIDEO VCR to the AV-IN audio inputs.

7. **A/V-IN inputs**

Connect the Audio/Video outputs of external equipment to these inputs.

8. **PC Audio IN**

Connect the audio cable from the PC to the **PC Audio IN** of the set.

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 manufacturing for optimum performance over a wide range conditions. Readjustment of RF AGC should not be necessary unless unusual local conditions exist, such as ;

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

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

Adjustment

1. Connect RF signal (65dB $\pm$ 1dB) and turn on the TV.
2. Press the **MENU** buttons on TV set and Remote Controller at the same time to get into SVC mode.
3. Press the **YELLOW** button on the Remote Controller several times to find AGC.
4. Press the **VOL ◀▶** button until the AGC Voltage is the same as 2.0V.
5. Press the **OK** button to memorize the data.

ADJUSTMENT

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

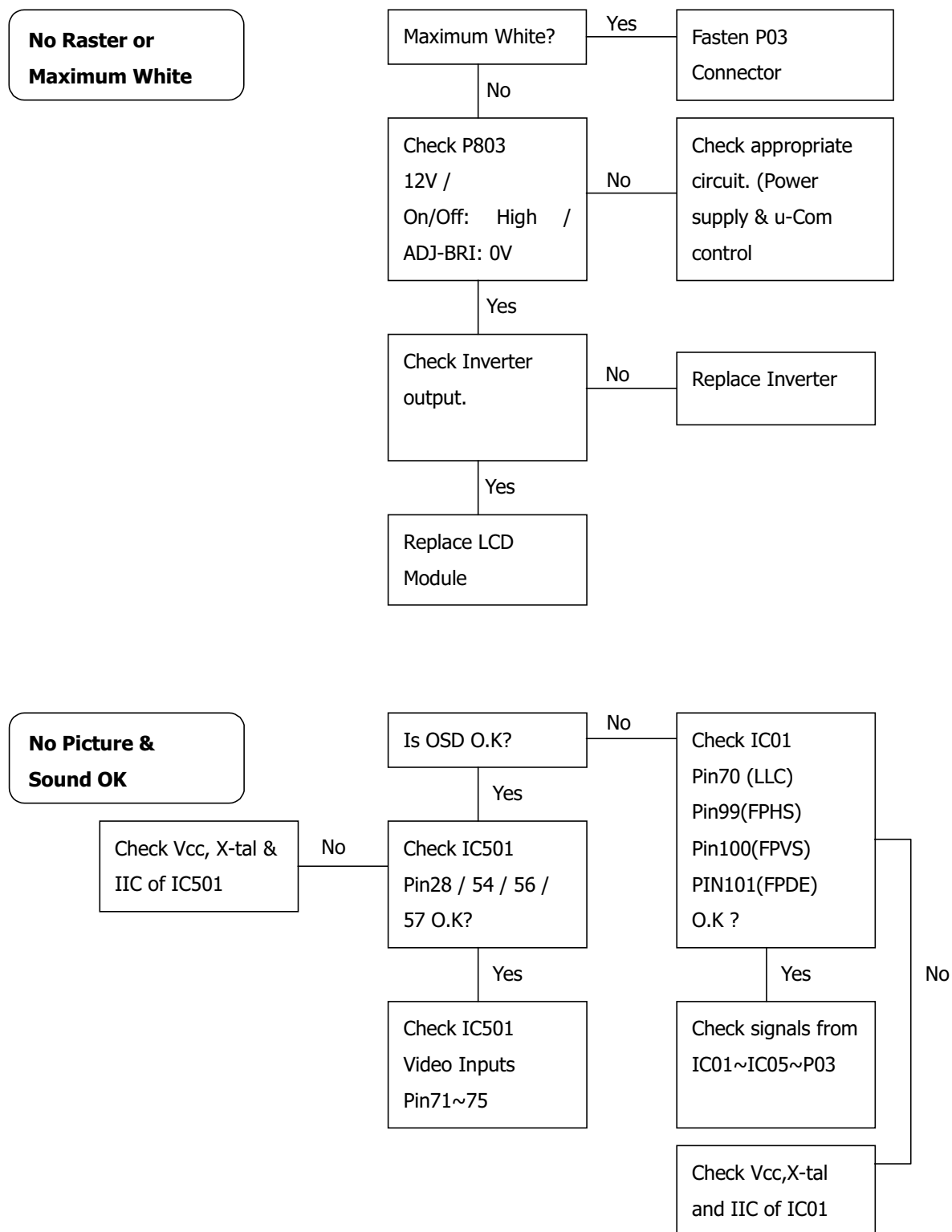
NOTE: When the EEPROM has been replaced, the Option data should be restored as the function of individual system and specification.

- 1) Press the **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.

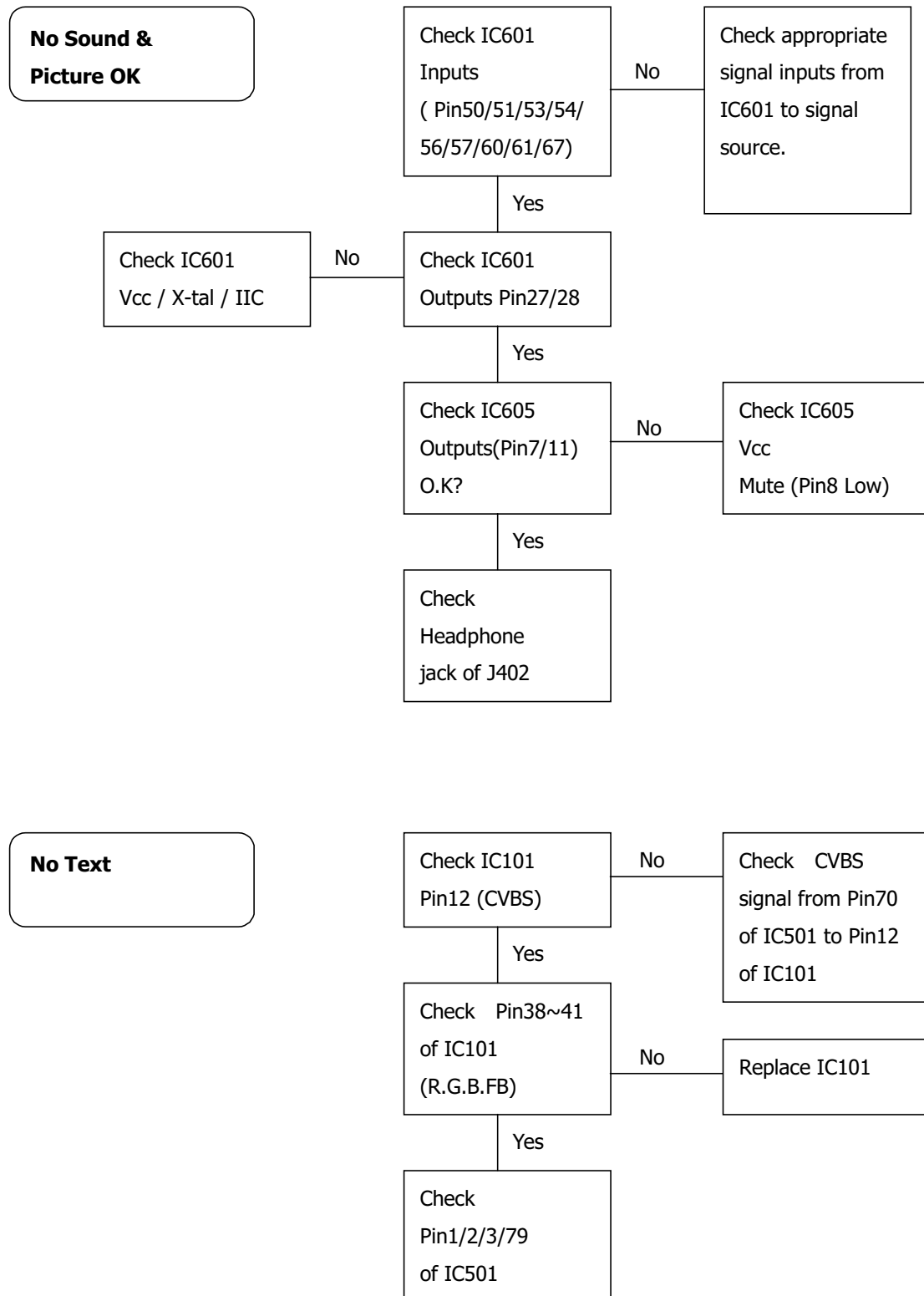
Option Table

		LT-15AEP	LT-15ALP	LT-15ATP	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	1
OPTION 2	DUAL	1	1	1	
	MONO	0	0	0	
	A2 ST	1	1	1	
	VOL	0	0	0	
	AV1	1	1	1	
	KEY	0	0	0	
	LANG	1	1	1	
	T-LAN	0	0	0	

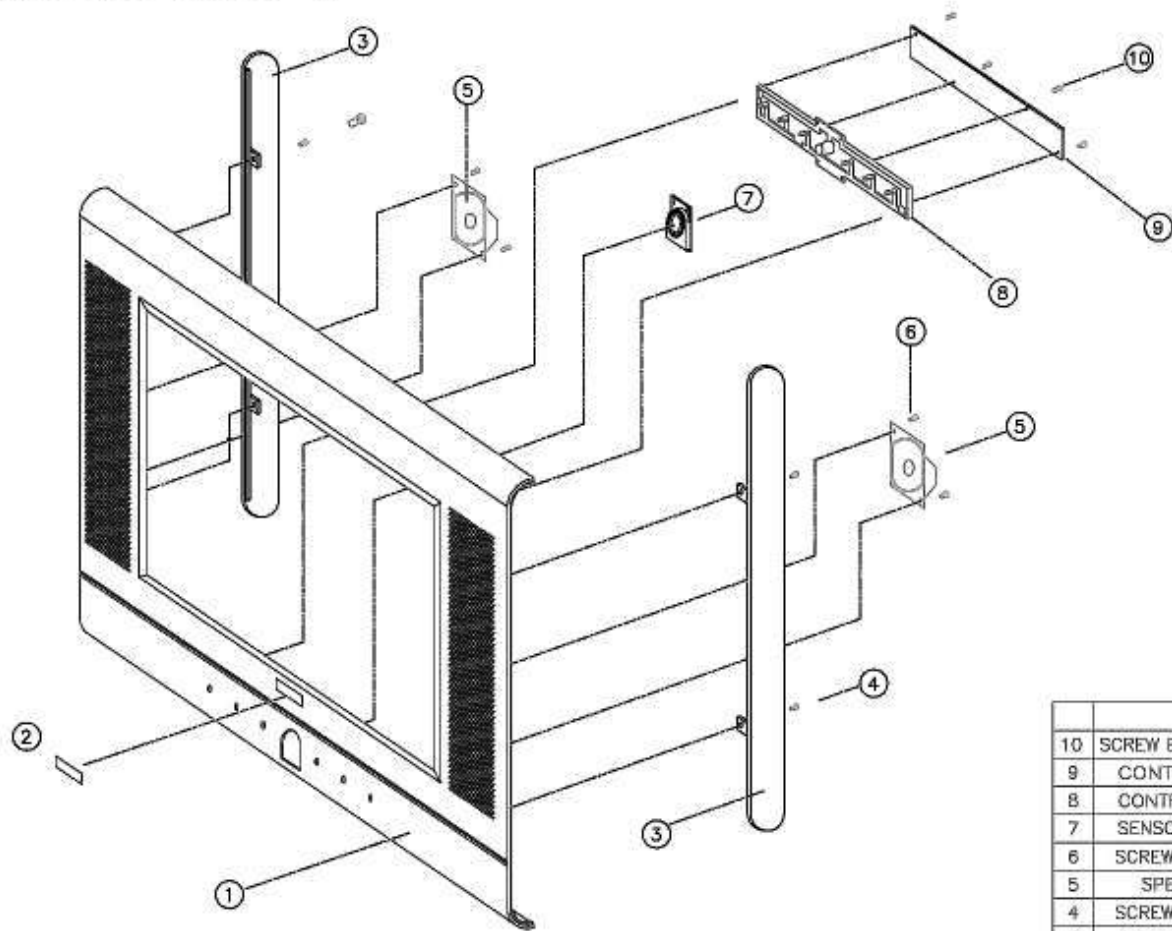
TROUBLESHOOTING



TROUBLESHOOTING

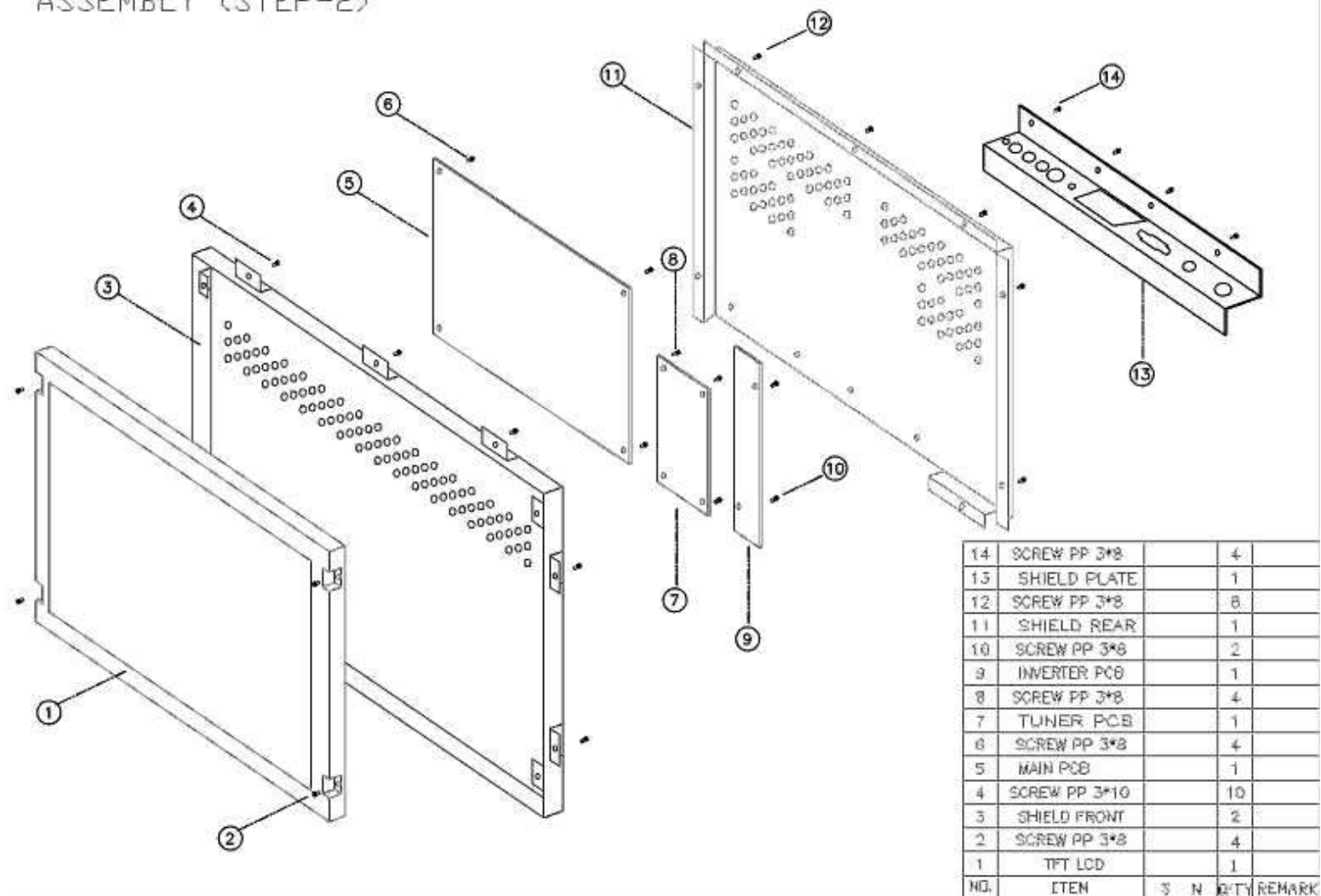


ASSEMBLY (STEP-1)

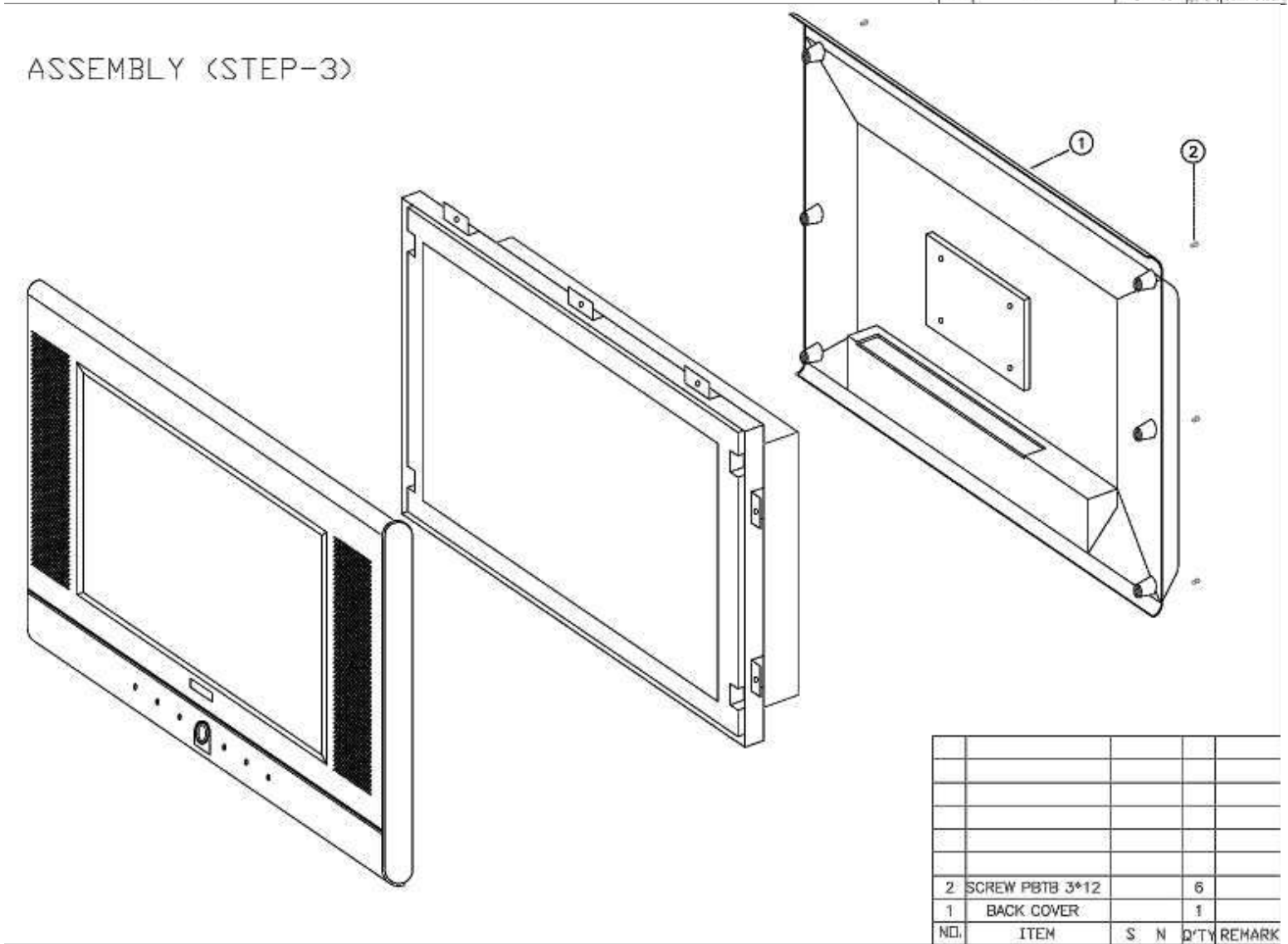


10	SCREW BTBW 3*10		4	
9	CONTROL PCB		1	
8	CONTROL KNOB		1	
7	SENSOR COVER		1	
6	SCREW PP 3*8		4	
5	SPEAKER		2	
4	SCREW PP 3*8		4	
3	SIDE COVER		2	
2	BRAND MARK		1	
1	FRONT BODY		1	
NO.	ITEM	S.	N	QTY REMARK

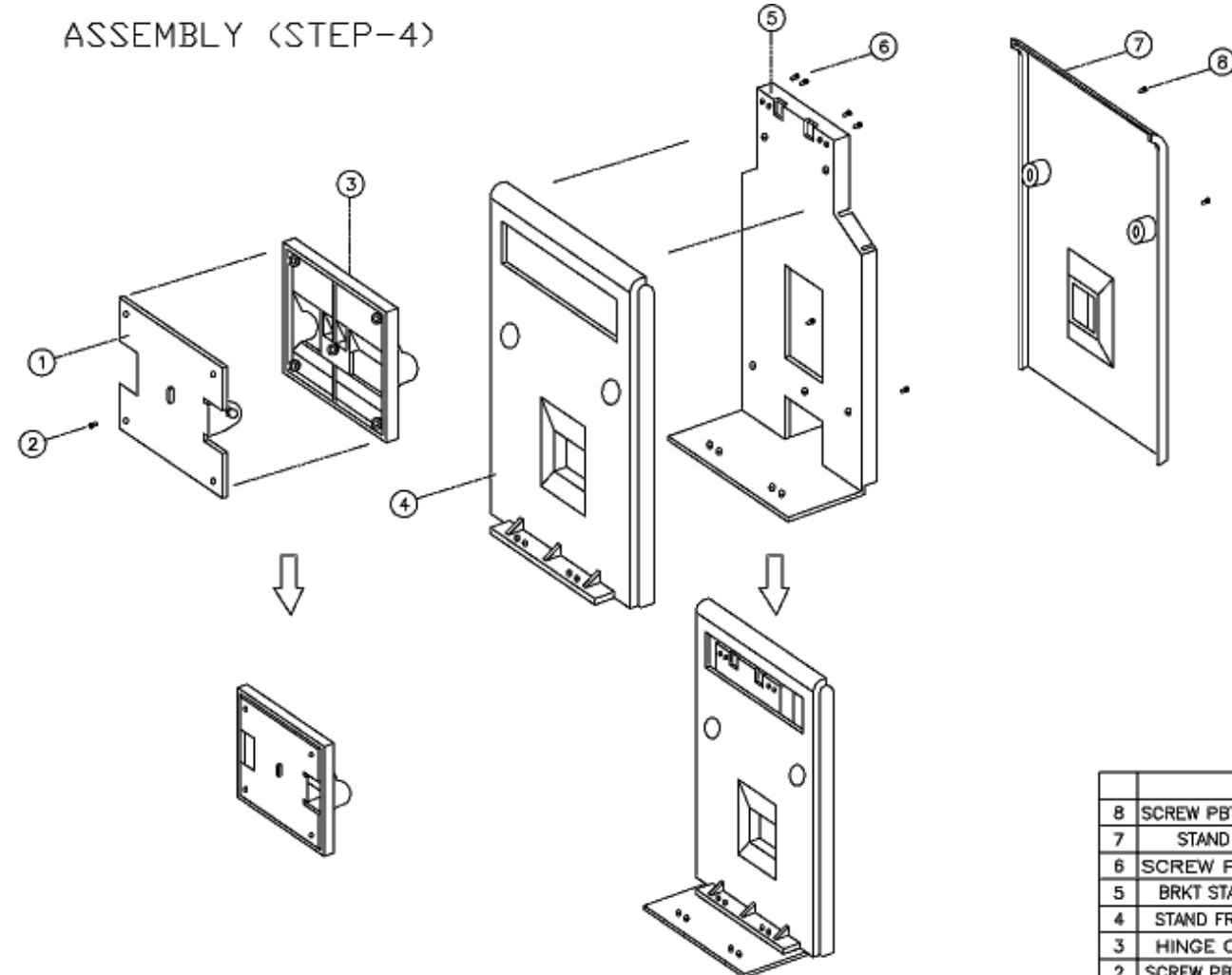
ASSEMBLY (STEP-2)



ASSEMBLY (STEP-3)

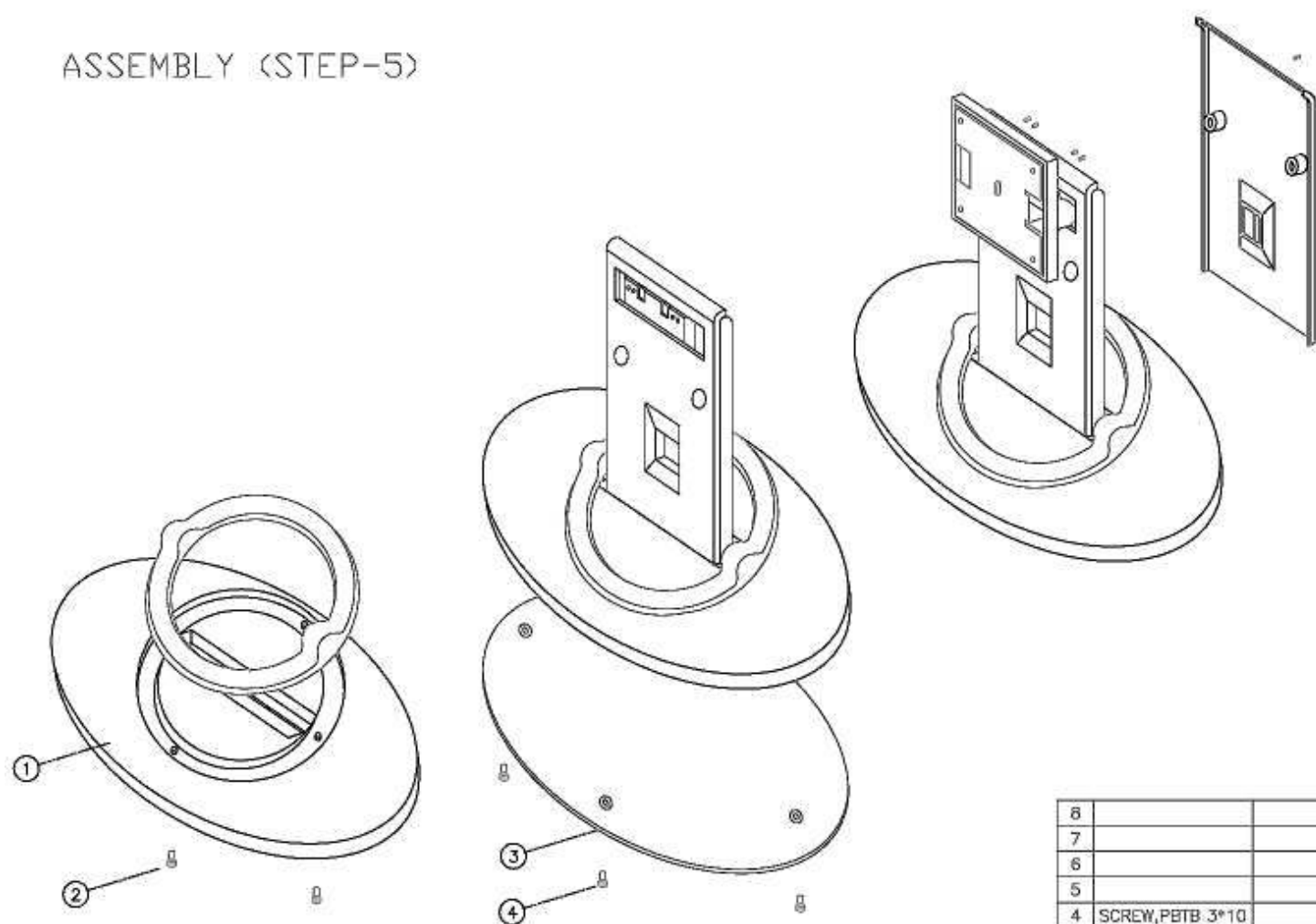


ASSEMBLY (STEP-4)

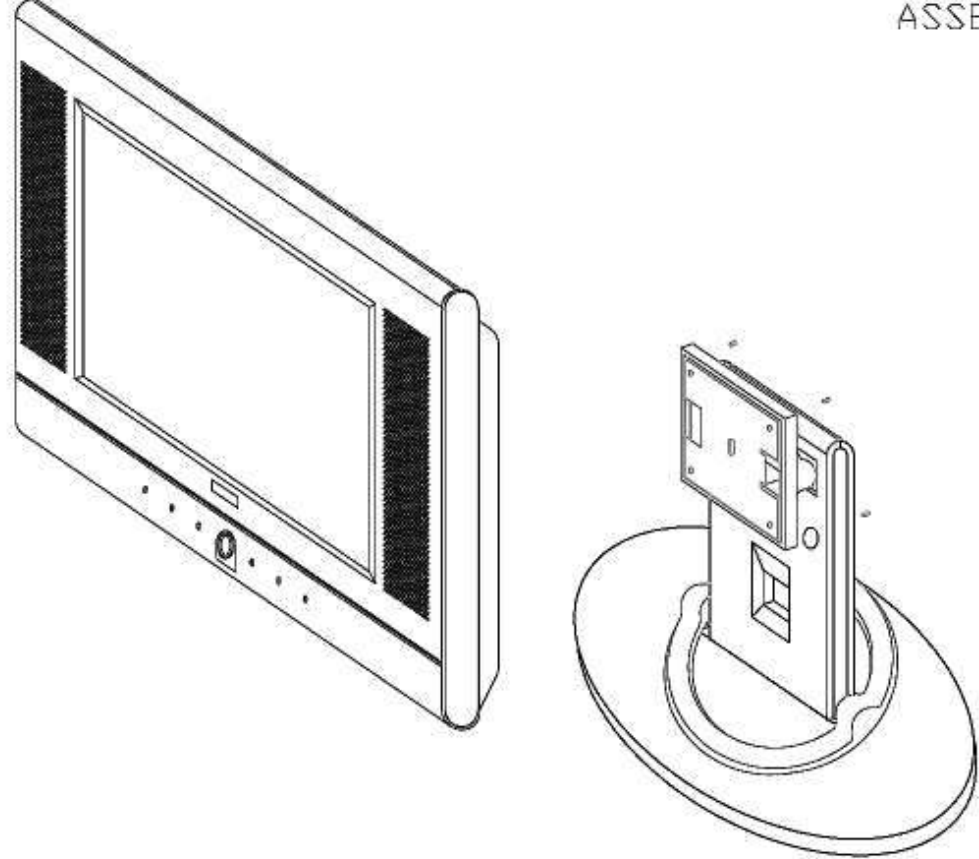


NO.	ITEM	S	N	Q'TY	REMARK
8	SCREW PBTB 3*10			2	
7	STAND REAR			1	
6	SCREW PP 3*8			4	
5	BRKT STAND			1	
4	STAND FRONT			1	
3	HINGE COVER			1	
2	SCREW PBTB 3*8			1	
1	REAR HINGE BRKT			1	

ASSEMBLY (STEP-5)



NO.	ITEM	S	N	Q'TY	REMARK
8					
7					
6					
5					
4	SCREW,PBTB 3*10			3	
3	BRKT BOTTOM			1	
2	SCREW,PBTB 3*8			4	
1	STAND BOTTOM			1	



NO.	ITEM	S	N	Q'TY
				REMARK

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 Resister
RD:Carbon Resister

LOCA. NO	PART NO	DESCRIPTION
R409	ORHSS102DJTS	CHIP RES, 1K 1/16W J
R410	ORHSS220DJTS	CHIP RES, 220HM 1/16W J
R411	ORHSS220DJTS	CHIP RES, 220HM 1/16W J
R412	ORHSS220DJTS	CHIP RES, 220HM 1/16W J
R413	ORHSS750DJTS	CHIP RES, 750HM 1/16W J
R414	ORHSS750DJTS	CHIP RES, 750HM 1/16W J
R415	ORHSS750DJTS	CHIP RES, 750HM 1/16W J
R422	ORHSS393DJTS	CHIP RES, 39K 1/16W J
R423	ORHSS513DJTS	CHIP RES, 51K 1/16W J
R426	ORHSS512DJTS	CHIP RES, 5.1K 1/16W J
R427	ORHSS512DJTS	CHIP RES, 5.1K 1/16W J
R428	ORDSS121HJTA	Carbon RES, 120OHM 1/6W J
R429	ORDSS121HJTA	Carbon RES, 120OHM 1/6W J
R430	ORHSS000DJTS	CHIP RES, 0OHM 1/16W J
R431	ORHSS750DJTS	CHIP RES, 750HM 1/16W J
R432	ORHSS750DJTS	CHIP RES, 750HM 1/16W J
R433	ORHSS471DJTS	CHIP RES, 470OHM 1/16W J
R434	ORHSS750DJTS	CHIP RES, 750HM 1/16W J
R435	ORHSS512DJTS	CHIP RES, 5.1K 1/16W J
R436	ORHSS474DJTS	CHIP RES, 470K 1/16W J
R437	ORHSS512DJTS	CHIP RES, 5.1K 1/16W J
R438	ORHSS474DJTS	CHIP RES, 470K 1/16W J
R440	ORHSS181DJTS	CHIP RES, 180OHM 1/16W J
R441	ORHSS474DJTS	CHIP RES, 470K 1/16W J
R442	ORHSS474DJTS	CHIP RES, 470K 1/16W J
R443	ORHSS512DJTS	CHIP RES, 5.1K 1/16W J
R444	ORHSS512DJTS	CHIP RES, 5.1K 1/16W J
R501	ORHSS000DJTS	CHIP RES, 0OHM 1/16W J
R502	ORHSS000DJTS	CHIP RES, 0OHM 1/16W J
R505	ORHSS000DJTS	CHIP RES, 0OHM 1/16W J
R506	ORHSS101DJTS	CHIP RES, 100OHM 1/16W J
R507	ORHSS000DJTS	CHIP RES, 0OHM 1/16W J
R508	ORHSS000DJTS	CHIP RES, 0OHM 1/16W J
R509	ORHSS101DJTS	CHIP RES, 100OHM 1/16W J
R510	ORHSS101DJTS	CHIP RES, 100OHM 1/16W J
R511	ORHSS101DJTS	CHIP RES, 100OHM 1/16W J
R512	ORHSS750DJTS	CHIP RES, 750HM 1/16W J
R513	ORHSS680DJTS	CHIP RES, 680HM 1/16W J
R515	ORHSS472DJTS	CHIP RES, 4.7K 1/16W J
R516	ORHSS220DJTS	CHIP RES, 220HM 1/16W J
R517	ORHSS220DJTS	CHIP RES, 220HM 1/16W J
R518	ORHSS220DJTS	CHIP RES, 220HM 1/16W J
R519	ORHSS220DJTS	CHIP RES, 220HM 1/16W J
R520	ORHSS220DJTS	CHIP RES, 220HM 1/16W J
R526	ORHSS101DJTS	CHIP RES, 100OHM 1/16W J
R531	ORHSS471DJTS	CHIP RES, 470OHM 1/16W J
R532	ORHSS100DJTS	CHIP RES, 100HM 1/16W J
R533	ORHSS272DJTS	CHIP RES, 2.7K 1/16W J
R534	ORHSS220DJTS	CHIP RES, 220HM 1/16W J
R551	ORHSS102DJTS	CHIP RES, 1K 1/16W J
R552	ORHSS152DJTS	CHIP RES, 1.5K 1/16W J
R553	ORHSS821DJTS	CHIP RES, 820OHM 1/16W J
R554	ORHSS102DJTS	CHIP RES, 1K 1/16W J
R555	ORHSS102DJTS	CHIP RES, 1K 1/16W J
R556	ORHSS102DJTS	CHIP RES, 1K 1/16W J
R557	ORHSS151DJTS	CHIP RES, 150OHM 1/16W J
R601	ORHSS101DJTS	CHIP RES, 100OHM 1/16W J

LOCA. NO	PART NO	DESCRIPTION
R602	ORHSS105DJTS	CHIP RES, 1M 1/16W J
R605	ORHSS100DJTS	CHIP RES, 100HM 1/16W J
R606	ORHSS273DJTS	CHIP RES, 27K 1/16W J
R607	ORHSS101DJTS	CHIP RES, 100OHM 1/16W J
R608	ORHSS101DJTS	CHIP RES, 100OHM 1/16W J
R609	ORHSS332DJTS	CHIP RES, 3.3K 1/16W J
R610	ORHSS332DJTS	CHIP RES, 3.3K 1/16W J
R611	ORHSS102DJTS	CHIP RES, 1K 1/16W J
R612	ORHSS102DJTS	CHIP RES, 1K 1/16W J
R613	ORHSS102DJTS	CHIP RES, 1K 1/16W J
R614	ORHSS102DJTS	CHIP RES, 1K 1/16W J
R615	ORHSS102DJTS	CHIP RES, 1K 1/16W J
R616	ORHSS102DJTS	CHIP RES, 1K 1/16W J
R617	ORHSS102DJTS	CHIP RES, 100OHM 1/16W J
R618	ORHSS472DJTS	CHIP RES, 4.7K 1/16W J
R619	ORHSS332DJTS	CHIP RES, 3.3K 1/16W J
R620	ORHSS561DJTS	CHIP RES, 560OHM 1/16W J
R622	ORHSS102DJTS	CHIP RES, 1K 1/16W J
R623	ORHSS3R3DJTS	CHIP RES, 3.3OHM 1/16W J
R624	ORHSS3R3DJTS	CHIP RES, 3.3OHM 1/16W J
R625	ORHSS472DJTS	CHIP RES, 4.7K 1/16W J
R626	ORHSS332DJTS	CHIP RES, 3.3K 1/16W J
R627	ORHSS561DJTS	CHIP RES, 560OHM 1/16W J
R628	ORHSS683DJTS	CHIP RES, 68K 1/16W J
R629	ORHSS102DJTS	CHIP RES, 1K 1/16W J
R630	ORHSS151DJTS	CHIP RES, 150OHM 1/16W J
R631	ORHSS103DJTS	CHIP RES, 10K 1/16W J
R632	ORHSS102DJTS	CHIP RES, 1K 1/16W J
R633	ORHSS102DJTS	CHIP RES, 1K 1/16W J
R634	ORHSS000EJTS	CHIP RES, 0OHM 1/10W J
R635	ORHSS000EJTS	CHIP RES, 0OHM 1/10W J
R636	ORHSS000EJTS	CHIP RES, 0OHM 1/10W J
R637	ORHSS000EJTS	CHIP RES, 0OHM 1/10W J
R661	ORHSS102DJTS	CHIP RES, 1K 1/16W J
R662	ORHSS102DJTS	CHIP RES, 1K 1/16W J
R801	ORHSS102DJTS	CHIP RES, 1K 1/16W J
R802	ORHSS103DJTS	CHIP RES, 10K 1/16W J
R804	ORHSS102DJTS	CHIP RES, 1K 1/16W J
R805	ORHSS103DJTS	CHIP RES, 10K 1/16W J
R806	ORHSS104DJTS	CHIP RES, 100K 1/16W J
R807	ORHSS122DJTS	CHIP RES, 1.2K 1/16W J
R808	ORHSS000DJTS	CHIP RES, 0OHM 1/16W J
R811	ORHSS472DJTS	CHIP RES, 4.7K 1/16W J
R812	ORHSS220DJTS	CHIP RES, 220HM 1/16W J
R813	ORHSS220DJTS	CHIP RES, 220HM 1/16W J
R814	ORHSS182DJTS	CHIP RES, 1.8K 1/16W J
R815	ORHSS242DJTS	CHIP RES, 2.4K 1/16W J
R816	ORHSS000DJTS	CHIP RES, 0OHM 1/16W J
R820	ORHSS472DJTS	CHIP RES, 4.7K 1/16W J
R821	ORHSS102DJTS	CHIP RES, 1K 1/16W J
R1101	ORHSS331DJTS	CHIP RES, 330OHM 1/16W J
R1102	ORHSS681DJTS	CHIP RES, 680OHM 1/16W J
R1103	ORHSS911DJTS	CHIP RES, 910OHM 1/16W J
R1104	ORHSS162DJTS	CHIP RES, 1.6K 1/16W J
R1105	ORHSS681DJTS	CHIP RES, 680OHM 1/16W J
R1106	ORHSS911DJTS	CHIP RES, 910OHM 1/16W J
R1109	ORHSS201DJTS	CHIP RES, 200OHM 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.

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

LOCA. NO	PART NO	DESCRIPTION
PRE-AMP		
PA1102	0PAVI48380AD	PRE-AMP, TSOP4838
PIN WAFER		
P03	WAFLG21050SS	Wafer, 21-PIN GT121-21P
P101	WAFLG06250SD	Wafer, 6-PIN GIL-G-6P-S3T2
P104	WAFLG04250SD	Wafer, 4-PIN GIL-G-4P-S3T2
P301A	WAFYH20125AS	Wafer, 20-PIN 12507WR-20
P501	WAFML07200AD	Wafer, 7-PIN 53015-0710
P603	WAFYH04200AD	Wafer, 4-PIN SMAW200-04
P803	WAFJS10100AS	Wafer, 10-PIN SM10B-SRSS
P1101	WAFML07200AD	Wafer, 7-PIN 53015-0710
JACK		
J201	QJADM15RF00D	Jack, D-SUB
J401	QJASCART000A	Jack, SCART 21-pin
J402	QJAPK014A00D	Jack, A/V+HP+SVHS
J403	QJAKKST215BD	Jack, PC-AUDIO
J801	1JADM231000D	Jack, DC-Power
SWITCH		
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
SW1107	600-002A	S/W, TACK YTP-1141A
NTSC OPTION		
IC		
IC601	1ICMI3420GBS	IC, MSP3420G
TRANSISTOR		
Q401	0TRKE3875STS	TR, KTC3875S Y
Q402	0TRKE3875STS	TR, KTC3875S Y
Q403	0TRKE3875STS	TR, KTC3875S Y
CAPACITOR		
C120	0CHSS101DJTS	CHIP CAP, 100PF 50V J
C409	0RHSS750DJTS	CHIP RES, 750HM 1/16W J
C410	0RHSS750DJTS	CHIP RES, 750HM 1/16W J
RESISTOR		
R117	0RHSS101DJTS	CHIP RES, 1000HM 1/16W J
R402	0RHSS473DJTS	CHIP RES, 47K 1/16W J
R403	0RHSS333DJTS	CHIP RES, 33K 1/16W J
R404	0RHSS102DJTS	CHIP RES, 1K 1/16W J
R406	0RHSS101DJTS	CHIP RES, 1000HM 1/16W J
R416	0RHSS473DJTS	CHIP RES, 47K 1/16W J
R417	0RHSS333DJTS	CHIP RES, 33K 1/16W J
R418	0RHSS102DJTS	CHIP RES, 1K 1/16W J
R419	0RHSS473DJTS	CHIP RES, 47K 1/16W J
R420	0RHSS333DJTS	CHIP RES, 33K 1/16W J
R421	0RHSS102DJTS	CHIP RES, 1K 1/16W J
R424	0RHSS000DJTS	CHIP RES, 00HM 1/16W J
R425	0RHSS000DJTS	CHIP RES, 00HM 1/16W J
R514	0RHSS101DJTS	CHIP RES, 1000HM 1/16W J
R540	0RHSS000DJTS	CHIP RES, 00HM 1/16W J
R541	0RHSS000DJTS	CHIP RES, 00HM 1/16W J
R542	0RHSS000DJTS	CHIP RES, 00HM 1/16W J
R543	0RHSS750DJTS	CHIP RES, 750HM 1/16W J
R544	0RHSS750DJTS	CHIP RES, 750HM 1/16W J

LOCA. NO	PART NO	DESCRIPTION
R602	0RHSS105DJTS	CHIP RES, 1M 1/16W J
R605	0RHSS100DJTS	CHIP RES, 100HM 1/16W J
R606	0RHSS273DJTS	CHIP RES, 27K 1/16W J
R545	0RHSS750DJTS	CHIP RES, 750HM 1/16W J
R546	0RHSS000DJTS	CHIP RES, 00HM 1/16W J
R552	0RHSS112DJTS	CHIP RES, 1.1K 1/16W J
JACK		
J401	QJAPK6063C0D	JACK, YUV PJ6063C