

SHARP SERVICE MANUAL

No. S19W2LC37A37M



LCD COLOR TELEVISION

MODEL LC-37A37M

In the interests of user safety (required by safety regulations in some countries) the set should be restored to its original condition and only parts identical to those specified should be used.

OUTLINE

This model is based on the LC-32A37M and partially modified.

For the contents not covered in this Service Manual, accordingly, please refer to the LC-32A37M (SY8U6LC32A37M) Service Manual.

CONTENTS

OUTLINE AND DIFFERENCES FROM BASE MODEL

OUTLINE.....i
DIFFERENCES FROM BASE MODEL.....i

SAFETY PRECAUTION

IMPORTANT SERVICE SAFETY PRE-CAUTION.....ii
PRECAUTIONS FOR USING LEAD-FREE SOLDER.....iii

CHAPTER 1. SPECIFICATIONS

[1] SPECIFICATIONS.....1-1

CHAPTER 2. OPERATION MANUAL

[1] OPERATION MANUAL.....2-1

CHAPTER 3. DIMENSIONS

[1] DIMENSIONS.....3-1

CHAPTER 4. REMOVING OF MAJOR PARTS

[1] REMOVING OF MAJOR PARTS.....4-1

CHAPTER 5. OVERALL WIRING DIAGRAM

[1] OVERALL WIRING DIAGRAM.....5-1

CHAPTER 6. PRINTED WIRING BOARD

[1] POWER UNIT.....6-1
[2] INVERTER UNIT.....6-4

CHAPTER 7. SCHEMATIC DIAGRAM

[1] SCHEMATIC DIAGRAM.....7-1

Parts Guide

Parts marked with "⚠" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

OUTLINE AND DIFFERENCES FROM BASE MODEL

OUTLINE

This model is based on the LC-32A37M and partially modified.

For the contents not covered in this Service Manual, accordingly, please refer to the LC-32A37M (SY8U6LC32A37M) Service Manual.

DIFFERENCES FROM BASE MODEL

■LIST OF CHANGED PARTS

Ref. No.	Description	LC-32A37M	LC-37A37M	Note
PRINTED WIRING BOARD ASSEMBLIES				
	MAIN Unit	DUNTKF067FM05	DUNTKF067FM06	No Internal parts change
	R/C, LED Unit	DUNTKF068FM01	←	←
	KEYUnit	DUNTKF069FM01	←	←
	POWER Unit	DUNTKF063FM03	DUNTKF064FM02	Changes
	INVERTER Unit	DUNTKF071FM01	DUNTKF072FM01	Changes
	GND Unit	RUNTKA550WJZZ	-	Abolish
	GND Unit (Top)	-	RUNTKA552WJZZ	Addition
	GND Unit (Bottom)	-	RUNTKA553WJZZ	Addition
LCD PANEL				
		R1LK315T3GW40W	R1LK370T3GW40W	Changes
Refer to Parts Guide.				
POWER Unit (DUNTKF064FM02)				
Refer to Parts Guide.				
INVERTER Unit (DUNTKF072FM01)				
Refer to Parts Guide.				

SAFETY PRECAUTION

IMPORTANT SERVICE SAFETY PRECAUTION

- Service work should be performed only by qualified service technicians who are thoroughly familiar with all safety checks and the servicing guidelines which follow:

■WARNING

1. For continued safety, no modification of any circuit should be attempted.
2. Disconnect AC power before servicing.

■BEFORE RETURNING THE RECEIVER (Fire & Shock Hazard)

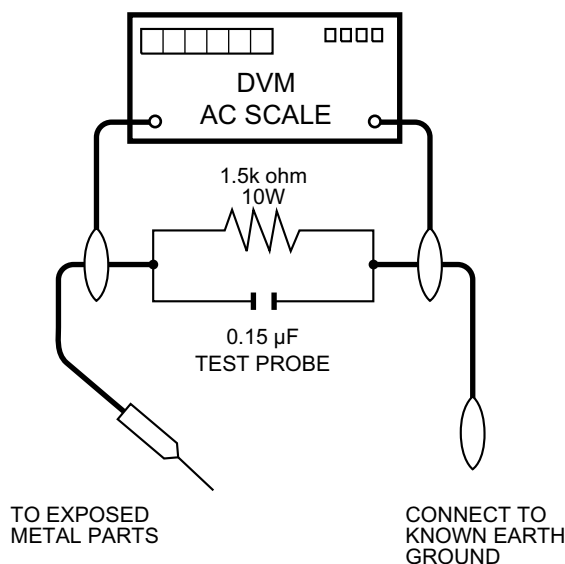
Before returning the receiver to the user, perform the following safety checks:

3. Inspect all lead dress to make certain that leads are not pinched, and check that hardware is not lodged between the chassis and other metal parts in the receiver.
4. Inspect all protective devices such as non-metallic control knobs, insulation materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
5. To be sure that no shock hazard exists, check for leakage current in the following manner.
 - Plug the AC cord directly into a 110 ~ 240 volt AC outlet.
 - Using two clip leads, connect a 1.5k ohm, 10 watt resistor paralleled by a 0.15 μ F capacitor in series with all exposed metal cabinet parts and a known earth ground, such as electrical conduit or electrical ground connected to an earth ground.
 - Use an AC voltmeter having with 5000 ohm per volt, or higher, sensitivity or measure the AC voltage drop across the resistor.

- Connect the resistor connection to all exposed metal parts having a return to the chassis (antenna, metal cabinet, screw heads, knobs and control shafts, escutcheon, etc.) and measure the AC voltage drop across the resistor.

All checks must be repeated with the AC cord plug connection reversed. (If necessary, a non polarized adaptor plug must be used only for the purpose of completing these checks.)

Any reading of 0.74 Vrms (this corresponds to 0.5 mA rms AC.) or more is excessive and indicates a potential shock hazard which must be corrected before returning the monitor to the owner.



SAFETY NOTICE

Many electrical and mechanical parts in LCD color television have special safety-related characteristics.

These characteristics are often not evident from visual inspection, nor can protection afforded by them be necessarily increased by using replacement components rated for higher voltage, wattage, etc.

Replacement parts which have these special safety characteristics are identified in this manual; electrical components having such features are identified by "⚠" and shaded areas in the **Replacement Parts Lists** and **Schematic Diagrams**.

For continued protection, replacement parts must be identical to those used in the original circuit.

The use of a substitute replacement parts which do not have the same safety characteristics as the factory recommended replacement parts shown in this service manual, may create shock, fire or other hazards.

PRECAUTIONS FOR USING LEAD-FREE SOLDER**■Employing lead-free solder**

- “All PWBs” of this model employs lead-free solder. The LF symbol indicates lead-free solder, and is attached on the PWBs and service manuals. The alphabetical character following LF shows the type of lead-free solder.

Example:

LFa

Sn-Ag-Cu

Indicates lead-free solder of tin, silver and copper.

LFa/a

Sn-Ag-Cu

Indicates lead-free solder of tin, silver and copper.

■Using lead-free wire solder

- When fixing the PWB soldered with the lead-free solder, apply lead-free wire solder. Repairing with conventional lead wire solder may cause damage or accident due to cracks.

As the melting point of lead-free solder (Sn-Ag-Cu) is higher than the lead wire solder by 40 °C, we recommend you to use a dedicated soldering bit, if you are not familiar with how to obtain lead-free wire solder or soldering bit, contact our service station or service branch in your area.

■Soldering

- As the melting point of lead-free solder (Sn-Ag-Cu) is about 220 °C which is higher than the conventional lead solder by 40 °C, and as it has poor solder wettability, you may be apt to keep the soldering bit in contact with the PWB for extended period of time. However, Since the land may be peeled off or the maximum heat-resistance temperature of parts may be exceeded, remove the bit from the PWB as soon as you confirm the steady soldering condition.

Lead-free solder contains more tin, and the end of the soldering bit may be easily corroded. Make sure to turn on and off the power of the bit as required.

If a different type of solder stays on the tip of the soldering bit, it is alloyed with lead-free solder. Clean the bit after every use of it.

When the tip of the soldering bit is blackened during use, file it with steel wool or fine sandpaper.

- Be careful when replacing parts with polarity indication on the PWB silk.

Lead-free wire solder for servicing

Part No.	★	Description	Code
ZHNDai123250E	J	φ0.3mm 250g (1roll)	BL
ZHNDai126500E	J	φ0.6mm 500g (1roll)	BK
ZHNDai12801KE	J	φ1.0mm 1kg (1roll)	BM

CHAPTER 1. SPECIFICATIONS

[1] SPECIFICATIONS

Item		Model	LC-37A37M
LCD panel			37" (940 mm) Advanced Super View & BLACK TFT LCD
Resolution			1,049,088 pixels (1366 x 768)
Video Colour System			PAL/SECAM/NTSC 3.58/NTSC 4.43/PAL 60
TV Function	TV-Standard		PAL: B/G, D/K, I SECAM: B/G, D/K, K/K ₁ NTSC: M
	Receiving Channel	VHF/UHF	42.75 - 866.25 MHz
		CATV	S1 - S41ch (including Hyperband)
	TV-Tuning System		Auto Preset 99 ch
	STEREO/BILINGUAL		NICAM: B/G, I, D/K A2 stereo: B/G
Viewing angles			H : 176° V : 176°
Audio amplifier			10W x 2
Speakers			10 x 4 cm 2pcs
Terminals	Rear	Antenna input	UHF/VHF 75 Ω DIN type
		INPUT 1	HDMI (HDMI input) (480I, 576I, 480P, 576P, 720P/50Hz, 720P/60Hz, 1080I/50Hz, 1080I/60Hz)
		INPUT 2	HDMI (HDMI input) (480I, 576I, 480P, 576P, 720P/50Hz, 720P/60Hz, 1080I/50Hz, 1080I/60Hz)
		INPUT 3	AUDIO in, COMPONENT in (480I, 576I, 480P, 576P, 720P/50Hz, 720P/60Hz, 1080I/50Hz, 1080I/60Hz)
		INPUT 4	AUDIO in, COMPONENT in (480I, 576I, 480P, 576P, 720P/50Hz, 720P/60Hz, 1080I/50Hz, 1080I/60Hz)
		INPUT 5	S-VIDEO in, VIDEO in, AUDIO in
		INPUT 6 (PC input)	15 pin mini D-sub, AUDIO in (common use with INPUT 1) (Ø 3.5 mm jack)
		OUTPUT	AUDIO out
		RS-232C	9 pin D-sub male connector
OSD language			English/Simplified Chinese/Traditional Chinese/Arabic
Power Requirement			AC 110 - 240 V, 50/60 Hz
Power Consumption			126 W (0.9 W Standby)
Dimensions		without stand	916 (W) x 595 (H) x 123 (D) mm
		with stand	916 (W) x 660 (H) x 255 (D) mm
Weight		without stand	12.5 kg
		with stand	14.5 kg
Operating Temperature			0°C - 40°C

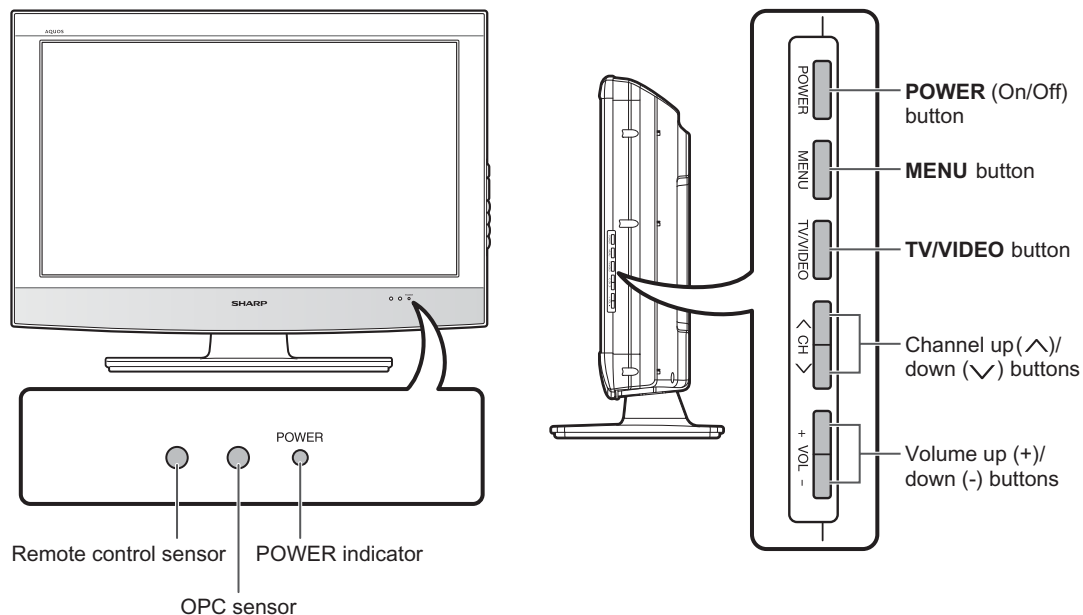
- As a part of policy of continuous improvement, SHARP reserves the right to make design and specification changes for product improvement without prior notice. The performance specification figures indicated are nominal values of production units. There may be some deviations from these values in individual units.

CHAPTER 2. OPERATION MANUAL

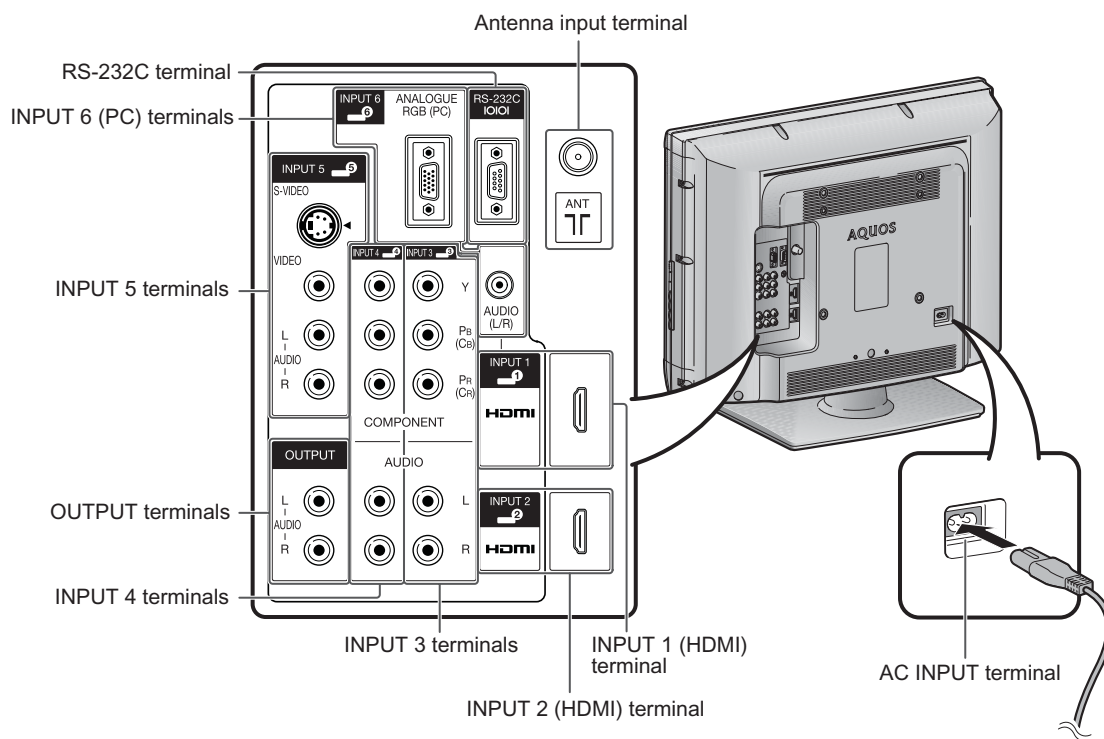
[1] OPERATION MANUAL

1. PARTS NAMES

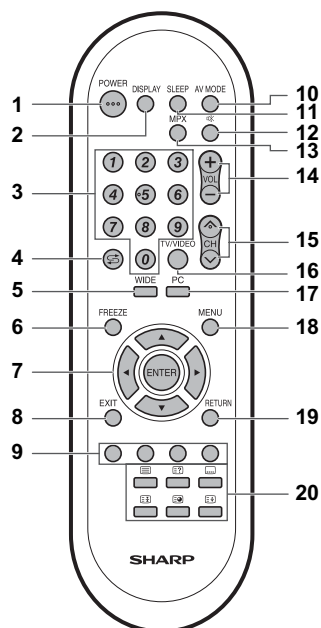
TV (Front/Side)



TV (Rear)



2. REMOTE CONTROL UNIT



1 POWER (STANDBY/ON)

To switch the power on and off.

2 DISPLAY

Display the channel or input information.

3 0 - 9

Set the channel.

TELETEXT mode: Set the page.

4 ⏮ (Flashback)

Press to return to the previous selected channel or external input mode.

5 WIDE

Change the wide image mode.

6 FREEZE

Freeze a motion picture on the screen.

7 ▲ / ▼ / ◀ / ▶ (Cursor)

Select a desired item on the setting screen.

ENTER

Execute a command.

8 EXIT

Return to the default screen.

9 Colour (Red/Green/Yellow/Blue)

TELETEXT mode: Select a page.

10 AV MODE

Select an audio and video setting.

11 SLEEP

Set the Sleep timer.

0hr.30min. → 1hr.00min. → 1hr.30min.

Off ← 2hr.30min. ← 2hr.00min.

12 ⏸ (Mute)

Press → Mutes sound.

Press again → Restores sound.

Mute will be cancelled after 30 minutes. However, the TV will not suddenly output loud sound as the volume level will be set to 0 automatically. Increase the volume level by pressing **VOL +**.

13 MPX

Select the sound multiplex mode.

14 VOL + /VOL -

Set the volume.

(+) Increase the volume.

(-) Decrease the volume.

15 CH ^ /CH v

TV input mode: Select the channel.

TELETEXT mode: Select the page.

(^) Increase the channel number.

(v) Decrease the channel number.

16 TV/VIDEO (INPUT SOURCE)

Select an input source.

17 PC

Directly select the PC terminal.

18 MENU

Display the menu screen.

19 RETURN

MENU mode: Return to the previous menu screen.

20 [TELETEXT]

Select the TELETEXT mode. (all TV image, all TEXT image, TV/TEXT image)

[?] (Reveal hidden for TELETEXT)

TELETEXT mode: Display hidden characters.

[SUBTITLE] (SUBTITLE for TELETEXT)

To turn the subtitles on and off.

[HOLD] (Hold)

TELETEXT mode: Stop updating Teletext pages automatically.

Press [HOLD] again to release the hold mode.

[SUBPAGE] (Subpage)

Display the Teletext subpage directly.

[MAGNIFY] (Top/Bottom/Full)

TELETEXT mode: Set the area of magnification.

3. ATTACHING THE STAND

- Before attaching (or detaching) the stand, unplug the AC cord from the AC INPUT terminal.
- Before performing work spread cushioning over the base area to lay the TV on. This will prevent it from being damaged.

1 Confirm the screws supplied with the TV.

Screws (x4)

(used in step 3)

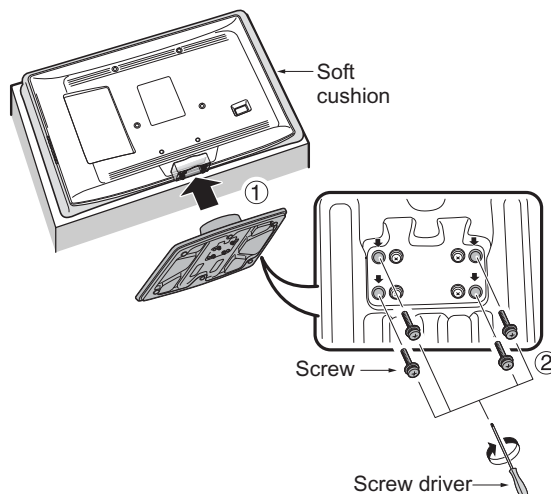


2 Insert the stand base to the stand post on the bottom of the TV. (1)

3 Insert and tighten the 4 screws into the 4 holes on the bottom of the stand base. (2)

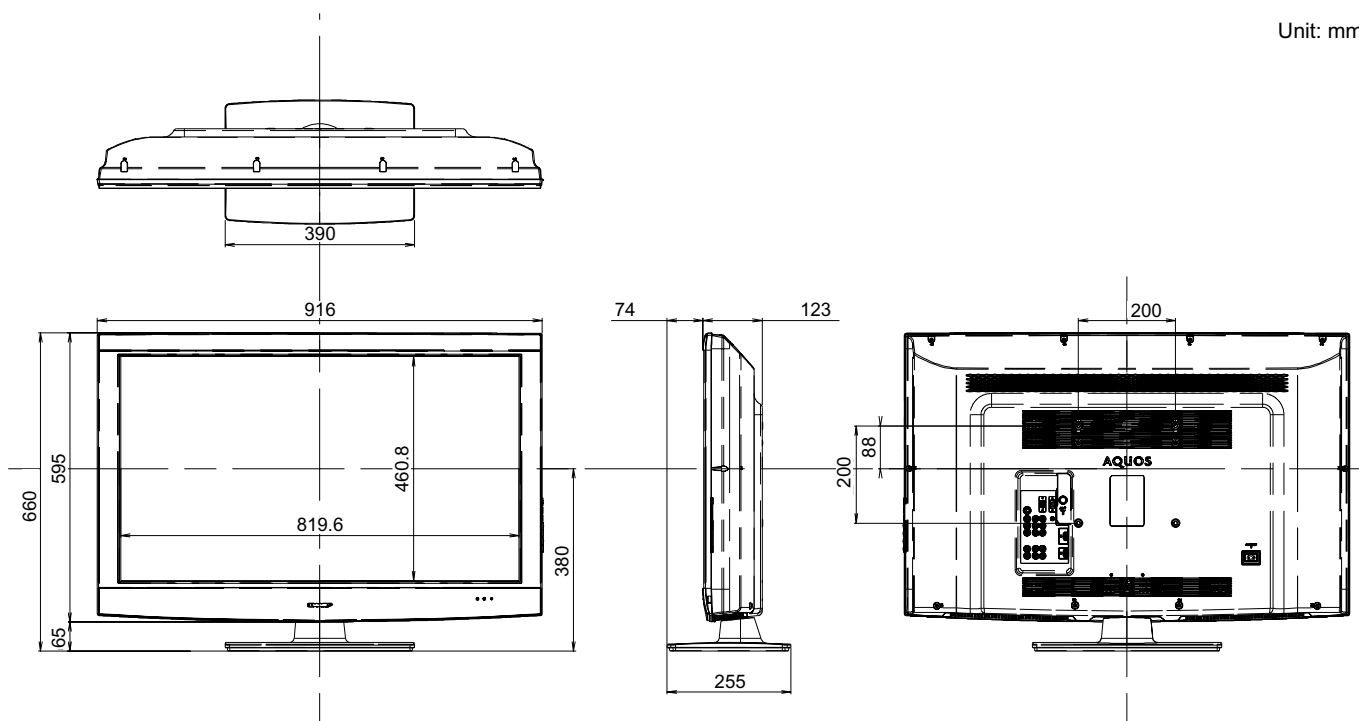


- To detach the stand, perform the steps in reverse order.



CHAPTER 3. DIMENSIONS**[1] DIMENSIONS**

Unit: mm

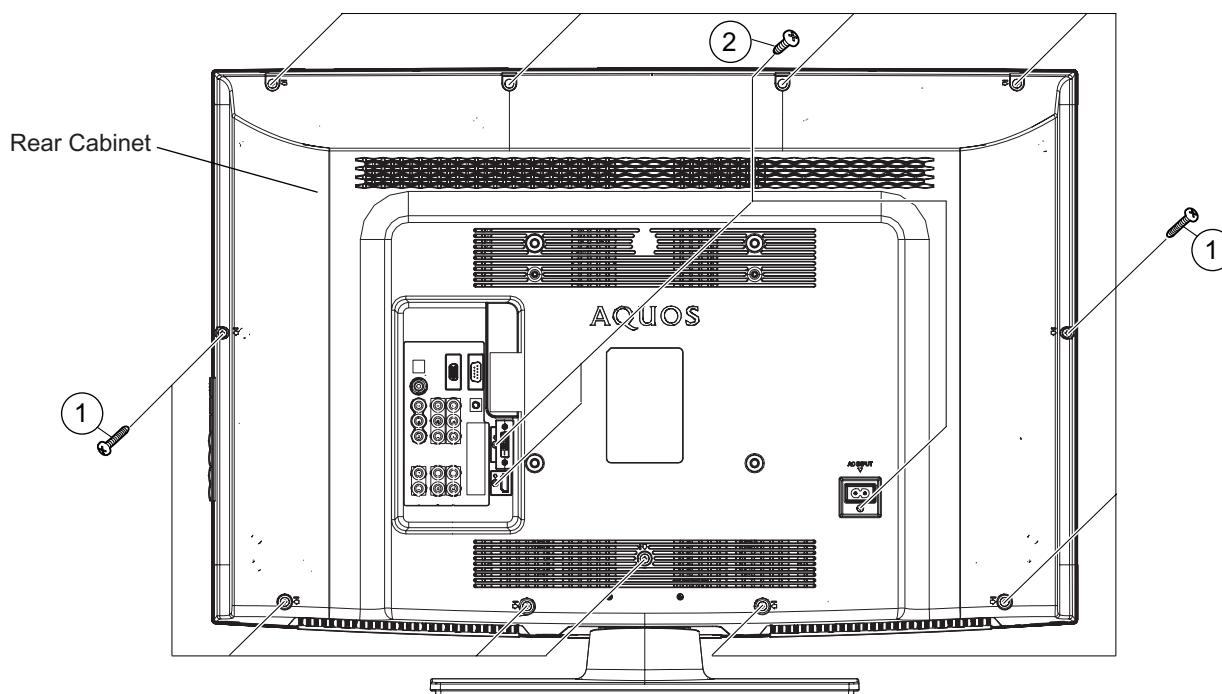


CHAPTER 4. REMOVING OF MAJOR PARTS

[1] REMOVING OF MAJOR PARTS

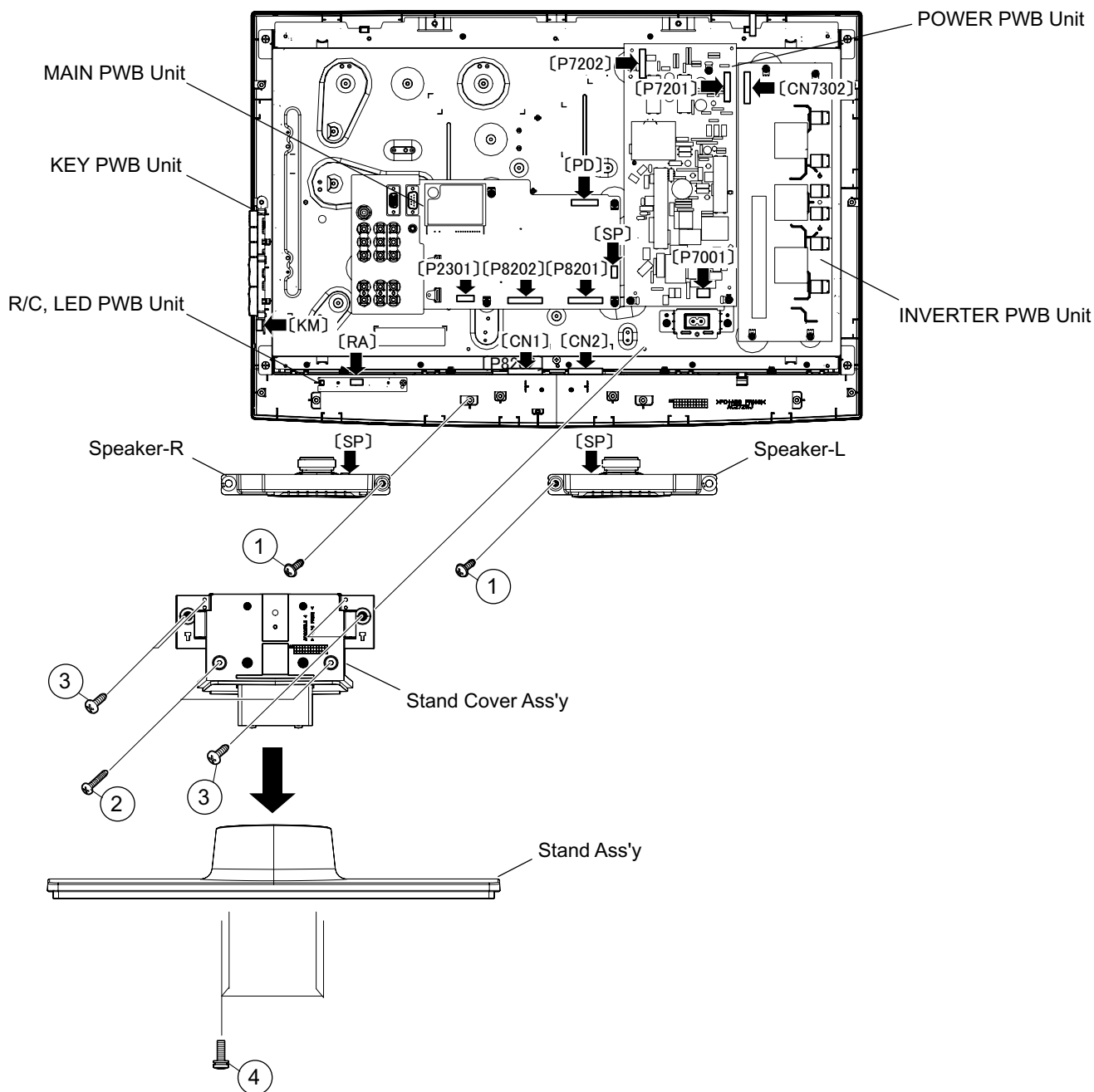
1. REMOVING OF REAR CABINET

1. Remove the 11 screws [1], 3 screws [2] and detach the Rear Cabinet.



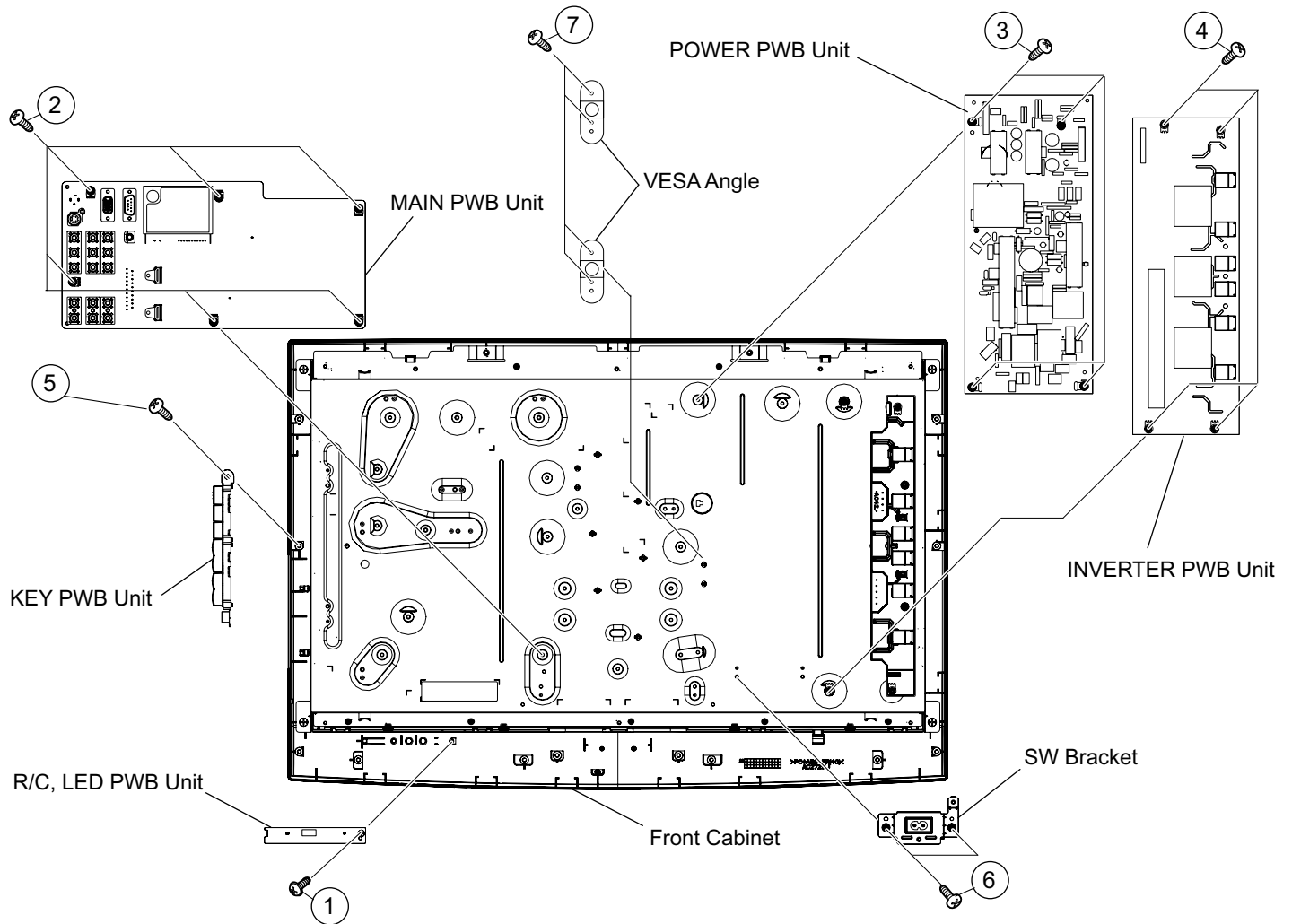
2. REMOVING OF CONNECTORS, SPEAKERS, STAND COVER ASS'Y AND STAND ASS'Y

1. Remove all the connectors from all the PWBs.
2. Remove 2 screws [1] and detach the Speaker-L and Speaker-R.
3. Remove the 2 screws [2], 4 screws [3] and detach the Stand Cover Ass'y.
4. Remove the 4 screws [4] and detach the Stand Ass'y.



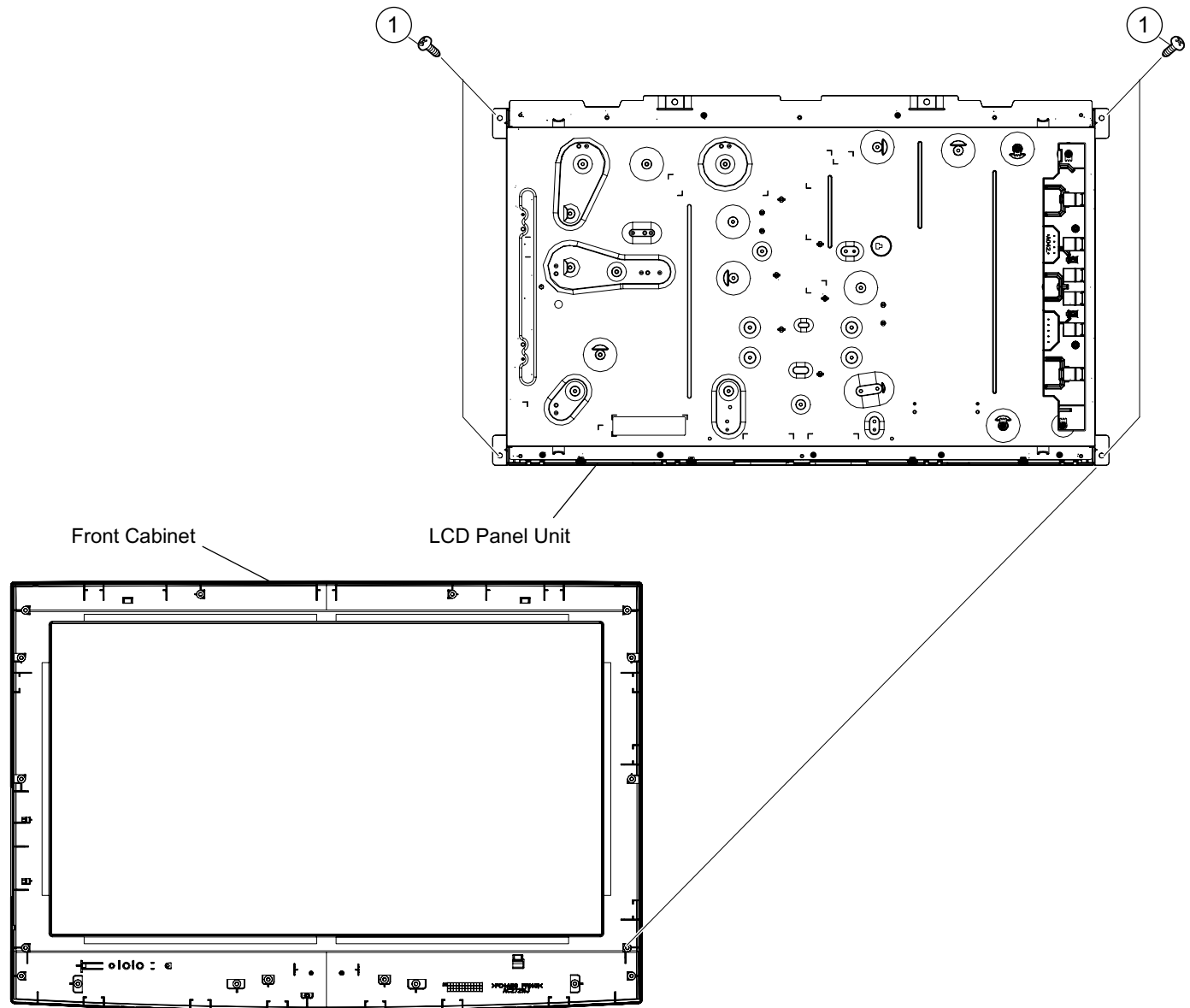
3. REMOVING OF PWB UNITS

1. Remove the 1 screw [1] and detach the R/C, LED PWB Unit.
2. Remove the 6 screws [2] and detach the MAIN PWB Unit.
3. Remove the 4 screws [3] and detach the POWER PWB Unit.
4. Remove the 4 screws [4] and detach the INVERTER PWB Unit.
5. Remove the 1 screw [5] and detach the KEY PWB Unit.
6. Remove the 2 screws [6] and detach the SW Bracket.
7. Remove the 4 screws [7] and detach the VESA Angle.



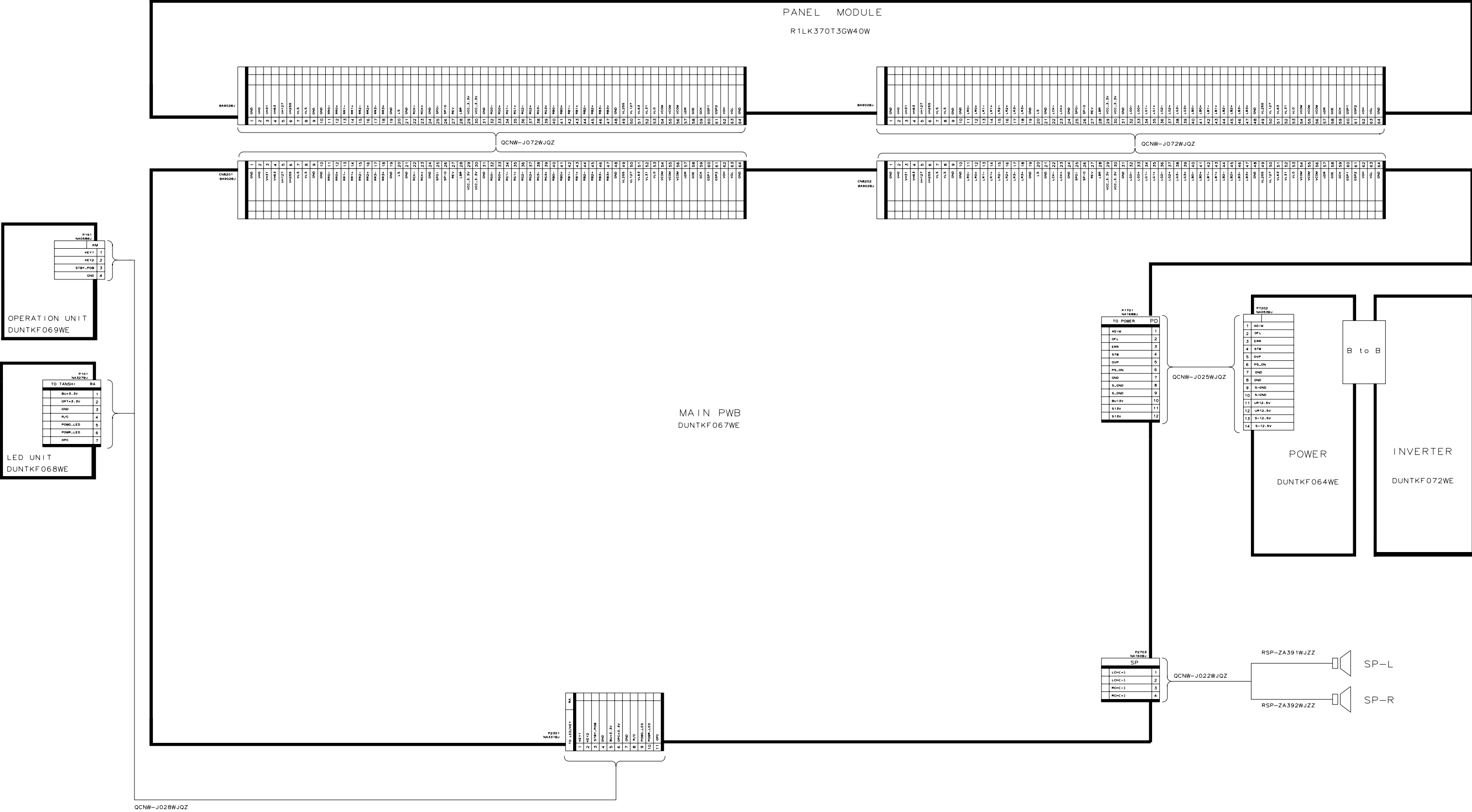
4. REMOVING OF LCD PANEL UNIT

1. Remove the 4 screws [1] and detach the LCD Panel Unit from Front Cabinet.

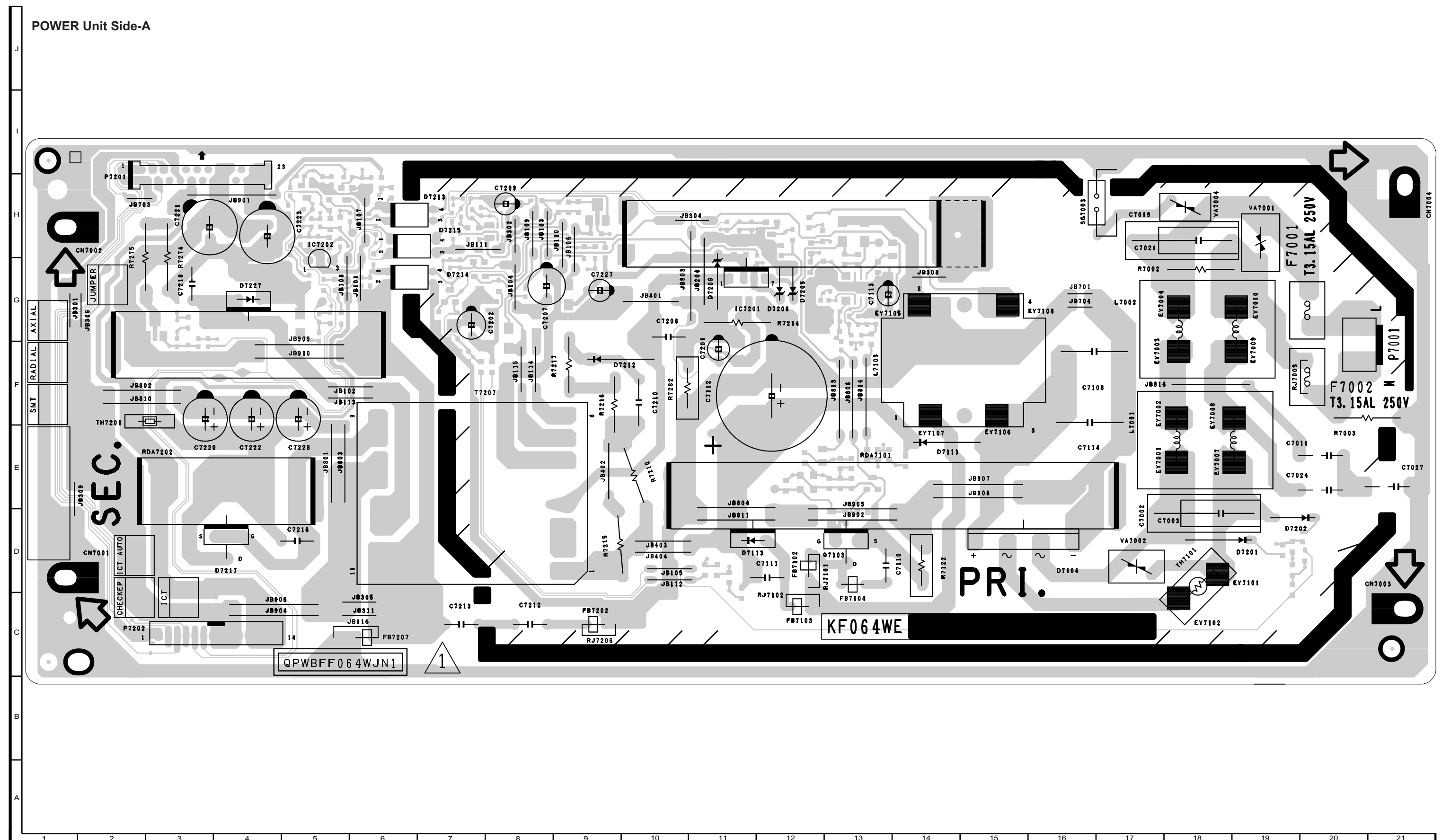


CHAPTER 5. OVERALL WIRING DIAGRAM

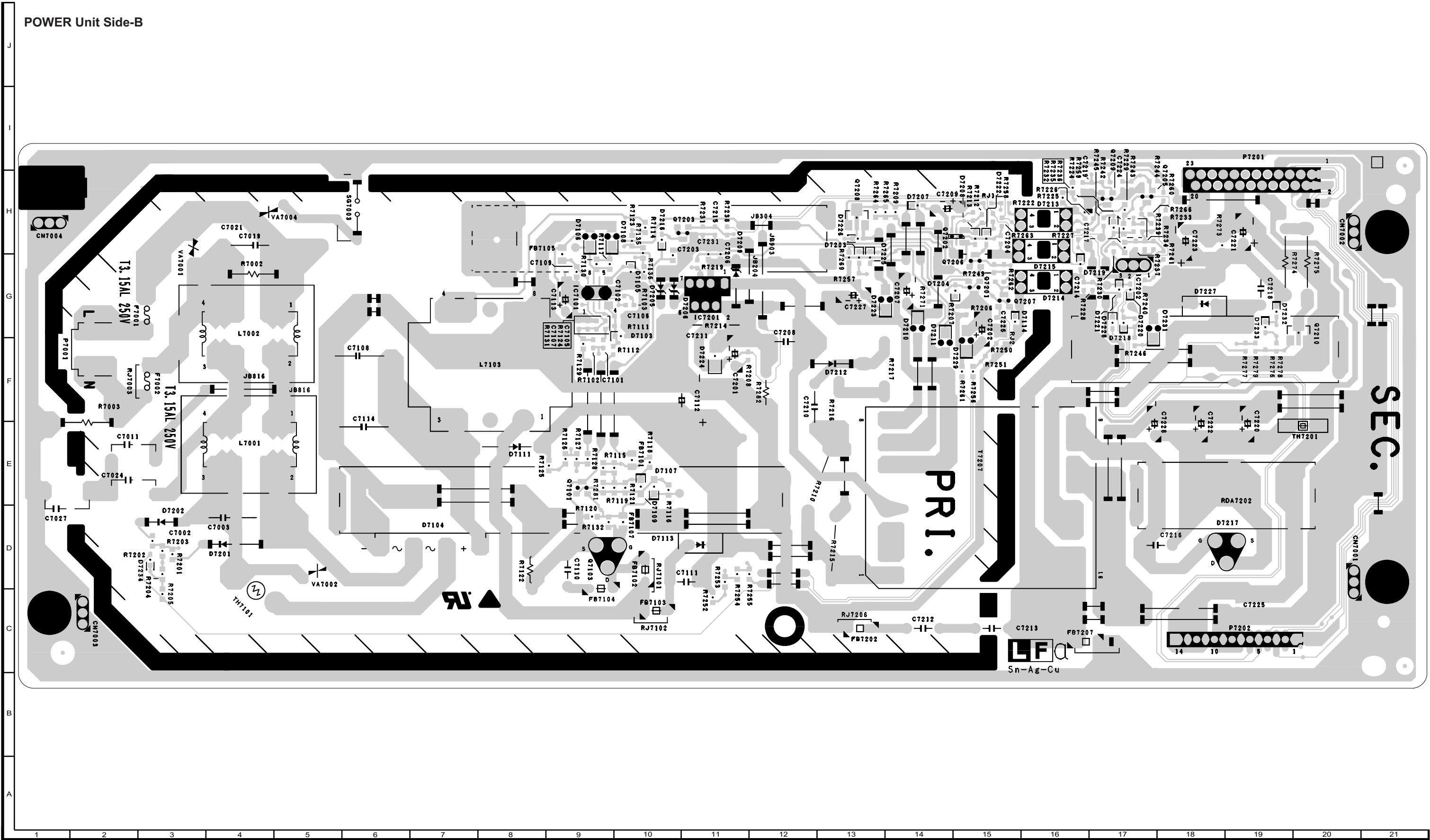
[1] OVERALL WIRING DIAGRAM

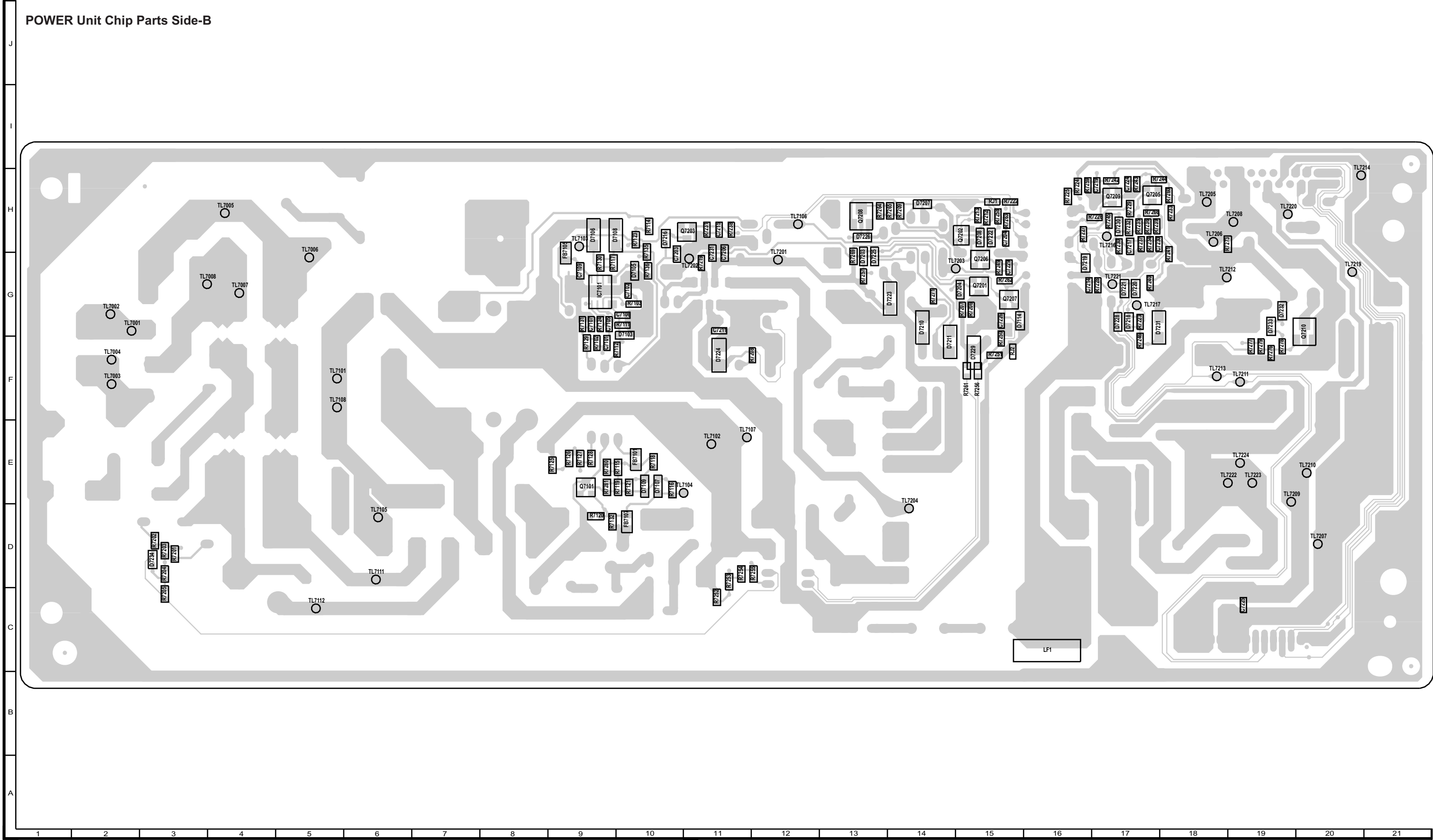


[1] POWER UNIT

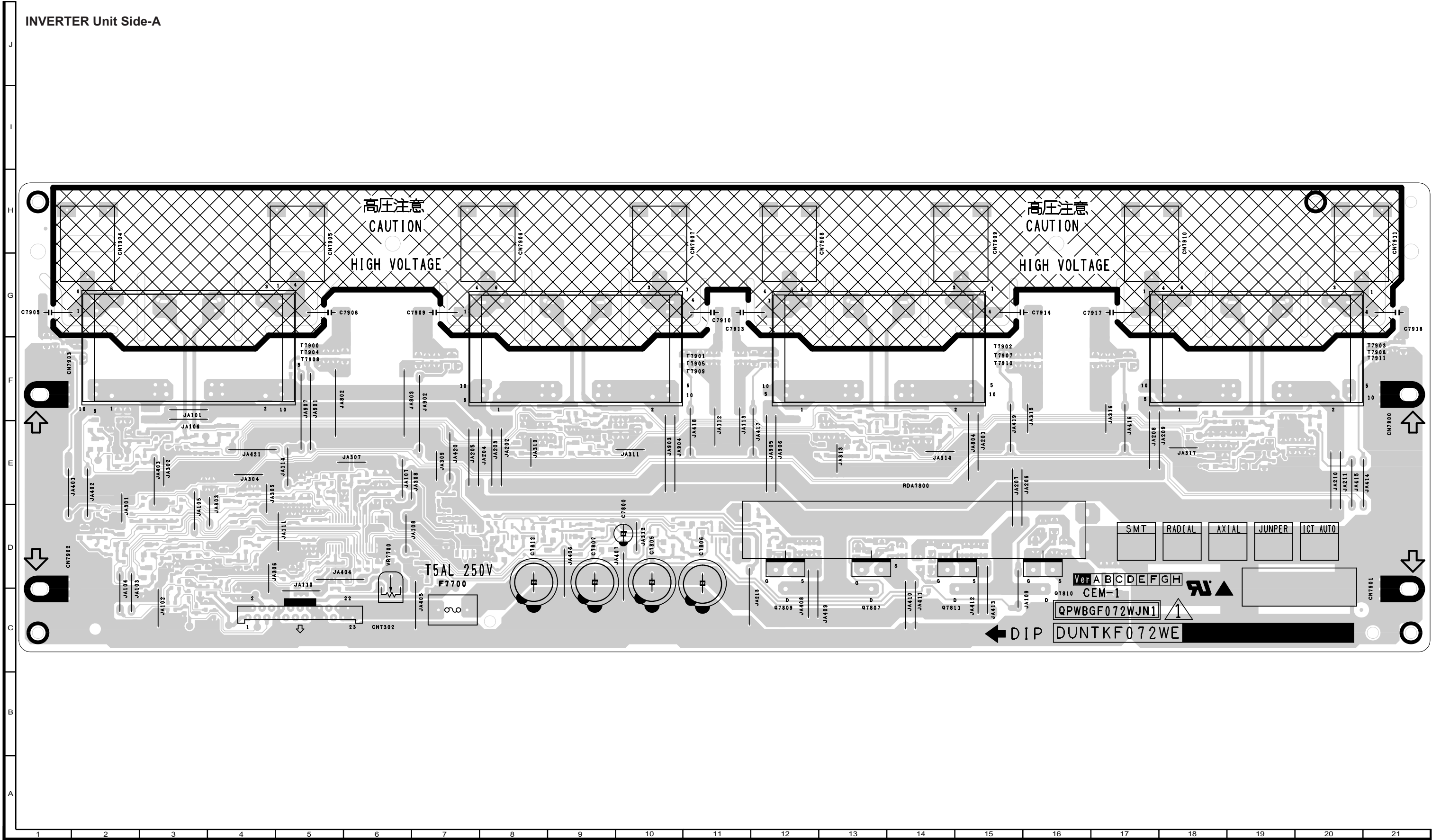


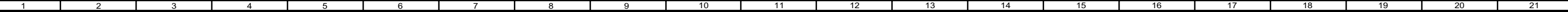
POWER Unit Side-B





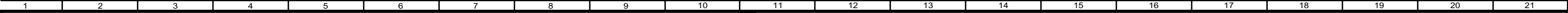
[2] INVERTER UNIT





A
B
C
D
E
F
G
H
I
J





CHAPTER 7. SCHEMATIC DIAGRAM

[1] SCHEMATIC DIAGRAM

1. DESCRIPTION OF SCHEMTIC DIAGRAM

VOLTAGE MEASUREMENT CONDITION:

- 1. The voltages at test points are measured on the stable supply voltage of AC 110-240V. Signals are fed by a colour bar signal generator for servicing purpose and the above voltages are measured with a 20k ohm/V tester.

INDICATION OF RESISTOR & CAPACI-TOR:

RESISTOR

- 1. The unit of resistance "Ω" is omitted. (K=kΩ=1000Ω, M=MΩ).
- 2. All resistors are ± 5%, unless otherwise noted. (K= ± 10%, F= ± 1%, D= ± 0.5%)
- 3. All resistors are 1/16W, unless otherwise noted.

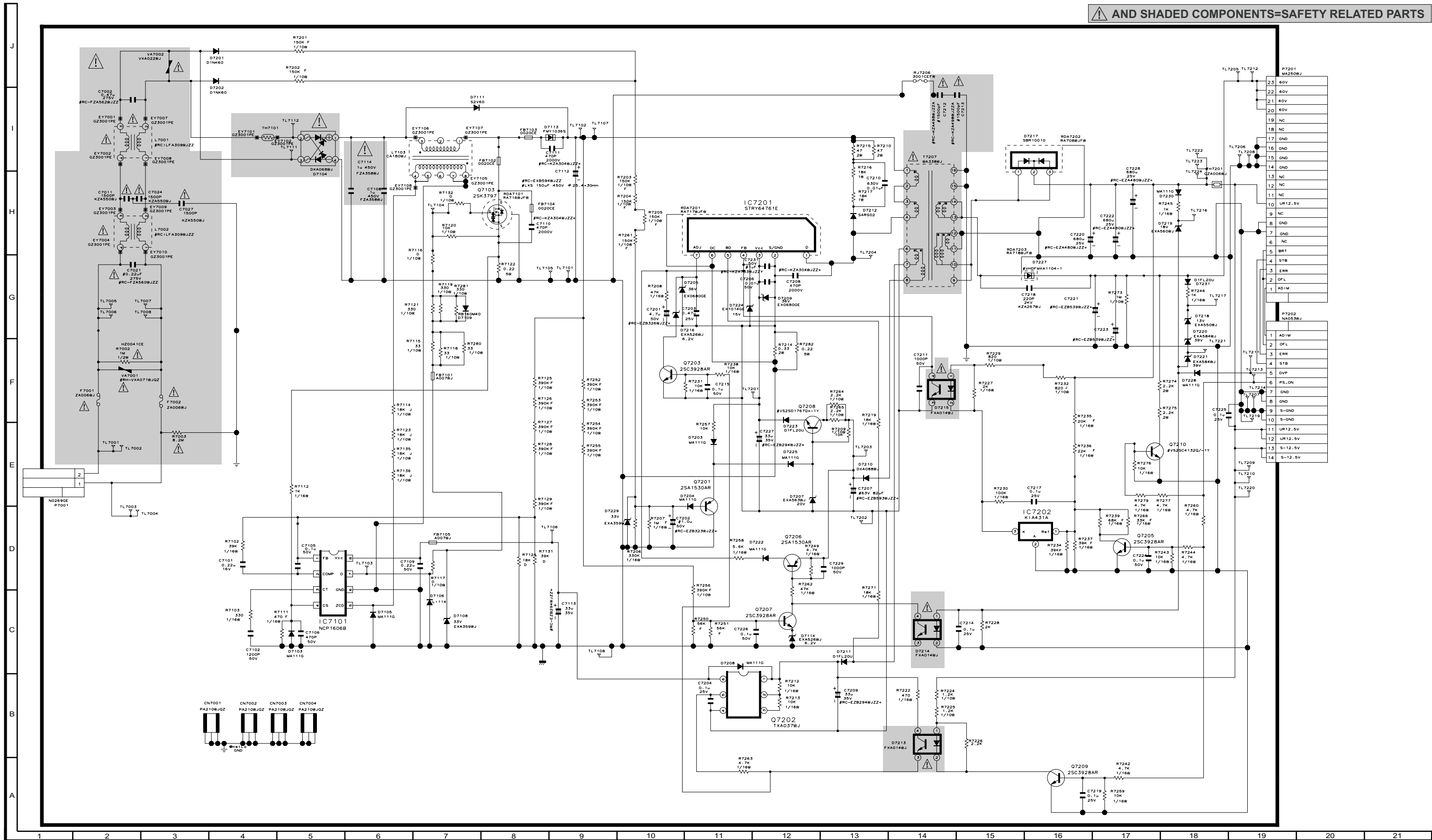
CAPACITOR

- 1. All capacitors are μ F, unless otherwise noted. (P=pF=μμF).
- 2. All capacitors are 50V, unless otherwise noted.

CAUTION:
This circuit diagram is original one, therefore there may be a slight difference from yours.

SAFETY NOTES:
1.DISCONNECT THE AC PLUG FROM THE AC OUTLET BEFORE REPLACING PARTS.
2.SEMICONDUCTOR HEAT SINKS SHOULD BE REGARDED AS POTENTIAL SHOCK HAZARDS WHEN THE CHASSIS IS OPERATING.

IMPORTANT SAFETY NOTICE:
PARTS MARKED WITH " ⚠ "() ARE IMPORTANT FOR MAINTAINING THE SAFETY OF THE SET. BE SURE TO REPLACE THESE PARTS WITH SPECIFIED ONES FOR MAINTAINING THE SAFETY AND PERFORMANCE OF THE SET.





SHARP PARTS GUIDE

No. S19W2LC37A37M



LCD COLOR TELEVISION

MODEL LC-37A37M

Note:

The reference numbers on the PWB are arranged in alphabetical order.

CONTENTS

- | | |
|-------------------------------------|--|
| [1] PRINTED WIRING BOARD ASSEMBLIES | [6] LCD PANEL MODULE |
| [2] LCD UNIT | [7] SUPPLIED ACCESSORIES |
| [3] DUNTKF064FM02 (POWER UNIT) | [8] PACKING PARTS (NOT REPLACEMENT ITEM) |
| [4] DUNTKF072FM01 (INVERTER UNIT) | [9] SERVICE JIG (USE FOR SERVICING) |
| [5] CABINET PARTS | |

Parts marked with "△" are important for maintaining the safety of the set. Be sure to replace these parts with specified ones for maintaining the safety and performance of the set.

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[1] PRINTED WIRING BOARD ASSEMBLIES					
N	DUNTKF064FM02		N	V	POWER Unit
N	DUNTKF067FM06	BW	N	V	MAIN Unit
N	DUNTKF068FM01	AK	N	V	R/C. LED Unit
N	DUNTKF069FM01	AG		V	KEY Unit
N	DUNTKF072FM01		N	V	INVERTER Unit
N	RUNTKA552WJZZ	AP		J	GND Unit (Top)
N	RUNTKA553WJZZ	AP		J	GND Unit (Bottom)
[2] LCD UNIT					
N	R1LK370T3GW40W	CZ	N	J	37"LCD Panel Module
[3] DUNTKF064FM02 (POWER UNIT)					
C7002	RC - FZA562WJZZ	AC		J	CAPACITOR
C7011	RC - KZA550WJZZ	AC		J	CAPACITOR
C7021	RC - FZA560WJZZ	AC		J	CAPACITOR
C7024	RC - KZA550WJZZ	AC		J	CAPACITOR
C7027	RC - KZA550WJZZ	AC		J	CAPACITOR
C7101	VCKYCY1CB224KY	AB		J	0.22 16V Ceramic
C7102	VCCCCY1HH122JY	AA	N	J	1200p 50V Ceramic
C7105	VCKYCY1HB104KY	AA		J	0.1 50V Ceramic
C7106	VCKYCY1HB471KY	AA		J	470p 50V Ceramic
C7108	RC - FZA358WJZZ	AF		J	CAPACITOR
C7109	VCKYTV1HB102KY	AA		J	1000p 50V Ceramic
C7110	RC - KZA304WJZZ+	AC		J	CAPACITOR
C7111	RC - KZA304WJZZ+	AC		J	CAPACITOR
C7112	RC - EZB594WJZZ	AN		J	CAPACITOR
C7113	RC - EZB294WJZZ+	AB		J	CAPACITOR
C7114	RC - FZA358WJZZ	AF		J	CAPACITOR
C7201	RC - EZB326WJZZ+	AB		J	CAPACITOR
C7202	RC - EZB323WJZZ+	AB	N	V	CAPACITOR
C7203	VCKYTV1EB474KY	AC		J	0.47 25V Ceramic
C7204	VCKYCY1EB104KY	AB		J	0.1 25V Ceramic
C7206	VCKYTV1HB103KY	AA		J	0.01 50V Ceramic
C7207	RC - EZB593WJZZ+	AC		J	CAPACITOR
C7208	RC - KZA304WJZZ+	AC		J	CAPACITOR
C7209	RC - EZB294WJZZ+	AB		J	CAPACITOR
C7210	RC - FZA564WJZZ	AD	N	J	CAPACITOR
C7211	VCKYCY1HB102KY	AA		J	1000p 50V Ceramic
C7212	RC - KZA498WJZZ	AB		J	CAPACITOR
C7213	RC - KZA498WJZZ	AB		J	CAPACITOR
C7214	VCKYCY1EB104KY	AB		J	0.1 25V Ceramic
C7215	VCKYCY1HB104KY	AA		J	0.1 50V Ceramic
C7217	VCKYTV1EB104KY	AB		J	0.1 25V Ceramic
C7218	RC - KZA267WJZZ+	AC		J	CAPACITOR
C7219	VCKYCY1EB104KY	AB		J	0.1 25V Ceramic
C7220	RC - EZA480WJZZ+	AD		J	CAPACITOR
C7221	RC - EZB539WJZZ	AF		J	CAPACITOR
C7222	RC - EZA480WJZZ+	AD		J	CAPACITOR
C7223	RC - EZB539WJZZ	AF		J	CAPACITOR
C7224	VCKYCY1HB104KY	AA		J	0.1 50V Ceramic
C7225	VCKYCY1EB104KY	AB		J	0.1 25V Ceramic
C7226	VCKYCY1HB104KY	AA		J	0.1 50V Ceramic
C7227	RC - EZB294WJZZ+	AB		J	CAPACITOR
C7228	RC - EZA480WJZZ+	AD		J	CAPACITOR
C7229	VCKYCY1HB102KY	AA		J	1000p 50V Ceramic
C7231	RC - KZA733WJZZY	AC	N	J	CAPACITOR
CN7001	QEARPA210WJQZ+	AB		J	GROUND-PART
CN7002	QEARPA210WJQZ+	AB		J	GROUND-PART
CN7003	QEARPA210WJQZ+	AB		J	GROUND-PART
CN7004	QEARPA210WJQZ+	AB		J	GROUND-PART
D7103	VHDMA111G++ - 1Y	AA	N	J	MA2J1110GL
D7104	RH - DXA068WJZZS	AE		J	D3SB60-7000
D7105	VHDMA111G++ - 1Y	AA	N	J	MA2J1110GL
D7106	VHDLI114+++ - 1Y	AC		J	LI114
D7108	RH - EXA359WJZZY	AE		J	PTZTE2533B
D7109	VHDBR160M40 - 1Y	AC		J	RB160M-40TR
D7111	VHDS2V60+++ - 1	AC		J	S2V60-5009F06
D7113	VHDFMY1036S - 1	AE		J	FMY-1036S
D7114	RH - EXA526WJZZY	AB		J	MAZ8062GML
D7201	VHDD1NK60++ - 1Y	AC		J	D1NK60-5060
D7202	VHDD1NK60++ - 1Y	AC		J	D1NK60-5060
D7203	VHDMA111G++ - 1Y	AA	N	J	MA2J1110GL
D7204	VHDMA111G++ - 1Y	AA	N	J	MA2J1110GL
D7205	RH - EX0680GEZZY	AB		J	MTZJT-7236B
D7207	RH - EXA563WJZZY	AA		J	MAZ8200GML
D7208	VHDMA111G++ - 1Y	AA	N	J	MA2J1110GL
D7209	RH - EX0680GEZZY	AB		J	MTZJT-7236B
D7210	RH - DXA088WJZZY	AD		J	D1FL40-5063
D7211	VHDD1FL20U/ - 1Y	AC		J	D1FL20U-5053
D7212	VHDSARS02++ - 1Y	AD		J	SARS02V1
D7213	RH - FXA014WJZZ	AC		J	TLP781F(D4-GRL,F)
D7214	RH - FXA014WJZZ	AC		J	TLP781F(D4-GRL,F)
D7215	RH - FXA014WJZZ	AC		J	TLP781F(D4-GRL,F)
D7216	RH - EXA526WJZZY	AB		J	MAZ8062GML

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[3] DUNTKF064FM02 (POWER UNIT)					
D7217	VHDSBR10010-1	AE		J	SBR100-10JS-CHC11
D7218	RH-EXA550WJZZY	AB		J	MAZ8130GML
D7219	RH-EXA560WJZZY	AA		J	MAZ8180GML
D7220	RH-EXA584WJZZY	AB		J	MAZ8390GML
D7221	RH-EXA584WJZZY	AB		J	MAZ8390GML
D7222	VHDMA111G+-1Y	AA	N	J	MA2J1110GL
D7223	VHDD1FL20U/-1Y	AC		J	D1FL20U-5053
D7224	RH-EX1014GEZZY	AC	N	J	PTZTE2515B
D7225	VHDMA111G+-1Y	AA	N	J	MA2J1110GL
D7227	VHDFMXA1104-1	AE		V	DIODE
D7228	VHDMA111G+-1Y	AA	N	J	MA2J1110GL
D7229	RH-EXA359WJZZY	AE		J	PTZTE2533B
D7230	VHDMA111G+-1Y	AA	N	J	MA2J1110GL
D7231	VHDD1FL20U/-1Y	AC		J	D1FL20U-5053
EY7001	LX-GZ3001PEZZ	AB		J	Screw
EY7002	LX-GZ3001PEZZ	AB		J	Screw
EY7003	LX-GZ3001PEZZ	AB		J	Screw
EY7004	LX-GZ3001PEZZ	AB		J	Screw
EY7007	LX-GZ3001PEZZ	AB		J	Screw
EY7008	LX-GZ3001PEZZ	AB		J	Screw
EY7009	LX-GZ3001PEZZ	AB		J	Screw
EY7010	LX-GZ3001PEZZ	AB		J	Screw
EY7101	LX-GZ3001PEZZ	AB		J	Screw
EY7102	LX-GZ3001PEZZ	AB		J	Screw
EY7105	LX-GZ3001PEZZ	AB		J	Screw
EY7106	LX-GZ3001PEZZ	AB		J	Screw
EY7107	LX-GZ3001PEZZ	AB		J	Screw
EY7108	LX-GZ3001PEZZ	AB		J	Screw
F7001	QFS-ZA006WJZZ+	AC		J	FUSE T3.05AL 250V
F7002	QFS-ZA006WJZZ+	AC		J	FUSE T3.05AL 250V
FB7101	RBLN-A007WJZZY	AC		J	BALUN
FB7102	RBLN-0020CEZZ+	AB		J	BALUN
FB7103	RBLN-0020CEZZ+	AB		J	BALUN
FB7104	RBLN-0020CEZZ+	AB		J	BALUN
FB7105	RBLN-A007WJZZY	AC		J	BALUN
IC7101	VHINCP1606B-1Y	AF		J	NCP1606BDR2G
IC7201	VHISTRY64761E	AN		J	STR-Y6476LFNo.3002
IC7202	VHIKIA431A+-1+	AC		J	KIA431A-AT/P
L7001	RCILFA309WJZZ	AG	N	J	COIL
L7002	RCILFA309WJZZ	AG	N	J	COIL
L7103	RCILCA180WJZZ	AM		J	COIL
P7001	QPLGN0269GEZZ	AB		J	PLUG
P7201	QCNCMA250WJZZ	AE		J	CONNECTOR
P7202	QPLGNA053WJZZ	AF		J	PLUG
Q7103	VS2SK3797+-1	AW		J	2SK3797(LBS1SHRP,Q
Q7201	VS2SA1530AR-1Y	AB		J	2SA1530A-T112-1R
Q7202	RH-TXA037WJZZY	AE		J	PBLS6003D,115
Q7203	VS2SC3928AR-1Y	AB		J	2SC3928A-T112-1R
Q7205	VS2SC3928AR-1Y	AB		J	2SC3928A-T112-1R
Q7206	VS2SA1530AR-1Y	AB		J	2SA1530A-T112-1R
Q7207	VS2SC3928AR-1Y	AB		J	2SC3928A-T112-1R
Q7208	VS2SD1767Q+-1Y	AC		J	2SD1767T100Q
Q7209	VS2SC3928AR-1Y	AB		J	2SC3928A-T112-1R
Q7210	VS2SC4132Q/-1Y	AE		J	TRANSISTOR
R7002	RR-HZ0041CEZZY	AB		J	RESISTOR
R7003	RR-HZ0012GEZZY	AD		J	RESISTOR
R7102	VRS-CY1JF393JY	AA		J	39k 1/16W Metal Oxide
R7103	VRS-CY1JF331JY	AA		J	330 1/16W Metal Oxide
R7111	VRS-CY1JF471FY	AA		J	470 1/16W Metal Oxide
R7112	VRS-CY1JF102FY	AA		J	1k 1/16W Metal Oxide
R7114	VRS-TV1JD183JY	AA		J	18k 1/16W Metal Oxide
R7115	VRS-TV1JD330JY	AA		J	33 1/16W Metal Oxide
R7116	VRS-TV1JD000JY	AA		J	0 1/16W Metal Oxide
R7117	VRS-TV1JD000JY	AA		J	0 1/16W Metal Oxide
R7118	VRS-TV1JD330JY	AA		J	33 1/16W Metal Oxide
R7119	VRS-TV1JD331JY	AB		J	330 1/16W Metal Oxide
R7120	VRS-TV1JD103JY	AA		J	10k 1/16W Metal Oxide
R7121	VRS-TV1JD331JY	AB		J	330 1/16W Metal Oxide
R7122	RR-FZA006WJZZ	AG		J	RESISTOR
R7123	VRS-TV1JD183JY	AA		J	18k 1/16W Metal Oxide
R7124	VRS-CY1JF183DY	AA		J	18k 1/16W Metal Oxide
R7125	VRS-TV1JD394FY	AA		J	390k 1/16W Metal Oxide
R7126	VRS-TV1JD394FY	AA		J	390k 1/16W Metal Oxide
R7127	VRS-TV1JD394FY	AA		J	390k 1/16W Metal Oxide
R7128	VRS-TV1JD394FY	AA		J	390k 1/16W Metal Oxide
R7129	VRS-TV1JD394FY	AA		J	390k 1/16W Metal Oxide
R7131	VRS-CY1JF393DY	AA		J	39k 1/16W Metal Oxide
R7132	VRS-TV1JD000JY	AA		J	0 1/16W Metal Oxide
R7135	VRS-TV1JD183JY	AA		J	18k 1/16W Metal Oxide
R7136	VRS-TV1JD183JY	AA		J	18k 1/16W Metal Oxide
R7201	VRS-TV1JD394FY	AA		J	390k 1/16W Metal Oxide
R7202	VRS-TV1JD394FY	AA		J	390k 1/16W Metal Oxide
R7203	VRS-TV1JD154FY	AA		J	150k 1/16W Metal Oxide
R7204	VRS-TV1JD154FY	AA		J	150k 1/16W Metal Oxide
R7205	VRS-TV1JD154FY	AA		J	150k 1/16W Metal Oxide

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[3] DUNTKF064FM02 (POWER UNIT)					
R7206	VRS-CY1JF334FY	AA		J	330k 1/16W Metal Oxide
R7208	VRS-CY1JF473JY	AA		J	47k 1/16W Metal Oxide
R7209	VRS-TV1JD103JY	AA		J	10k 1/16W Metal Oxide
R7210	VRS-VV3DB470J	AA		J	47 2W Metal Oxide
R7212	VRS-CY1JF103JY	AA		J	10k 1/16W Metal Oxide
R7213	VRS-CY1JF103JY	AA		J	10k 1/16W Metal Oxide
R7214	VRN-VV3DBR33J	AA		J	0.33 2W Metal Film
R7215	VRS-VV3DB470J	AA		J	47 2W Metal Oxide
R7216	VRS-VV3AB183J	AA	N	J	18k 1W Metal Oxide
R7217	VRS-VV3AB183J	AA	N	J	18k 1W Metal Oxide
R7219	VRS-CY1JF183JY	AA		J	18k 1/16W Metal Oxide
R7222	VRS-CY1JF471JY	AA		J	470 1/16W Metal Oxide
R7224	VRS-TV1JD122JY	AA		J	1.2k 1/16W Metal Oxide
R7225	VRS-TV1JD122JY	AA		J	1.2k 1/16W Metal Oxide
R7226	VRS-CY1JF222JY	AA		J	2.2k 1/16W Metal Oxide
R7227	VRS-CY1JF202JY	AA		J	2k 1/16W Metal Oxide
R7228	VRS-CY1JF202JY	AA		J	2k 1/16W Metal Oxide
R7229	VRS-TV1JD821JY	AA		J	820 1/16W Metal Oxide
R7230	VRS-CY1JF104JY	AA		J	100k 1/16W Metal Oxide
R7231	VRS-CY1JF103JY	AA		J	10k 1/16W Metal Oxide
R7232	VRS-TV1JD821JY	AA		J	820 1/16W Metal Oxide
R7234	VRS-CY1JF393FY	AA		J	39k 1/16W Metal Oxide
R7235	VRS-CY1JF203FY	AA		J	20k 1/16W Metal Oxide
R7236	VRS-CY1JF223FY	AA		J	22k 1/16W Metal Oxide
R7237	VRS-CY1JF393FY	AA		J	39k 1/16W Metal Oxide
R7238	VRS-CY1JF103JY	AA		J	10k 1/16W Metal Oxide
R7239	VRS-CY1JF683FY	AA		J	68k 1/16W Metal Oxide
R7242	VRS-CY1JF472JY	AA		J	4.7k 1/16W Metal Oxide
R7243	VRS-CY1JF103JY	AA		J	10k 1/16W Metal Oxide
R7244	VRS-CY1JF472JY	AA		J	4.7k 1/16W Metal Oxide
R7245	VRS-CY1JF102JY	AA		J	1k 1/16W Metal Oxide
R7246	VRS-CY1JF102JY	AA		J	1k 1/16W Metal Oxide
R7247	VRS-CY1JF000JY	AA		J	0 1/16W Metal Oxide
R7249	VRS-CY1JF472JY	AA		J	4.7k 1/16W Metal Oxide
R7250	VRS-CY1JF563FY	AA		J	56k 1/16W Metal Oxide
R7251	VRS-CY1JF563FY	AA		J	56k 1/16W Metal Oxide
R7252	VRS-TV1JD394FY	AA		J	390k 1/16W Metal Oxide
R7253	VRS-TV1JD394FY	AA		J	390k 1/16W Metal Oxide
R7254	VRS-TV1JD394FY	AA		J	390k 1/16W Metal Oxide
R7255	VRS-TV1JD394FY	AA		J	390k 1/16W Metal Oxide
R7256	VRS-TV1JD394FY	AA		J	390k 1/16W Metal Oxide
R7257	VRS-CY1JF103JY	AA		J	10k 1/16W Metal Oxide
R7258	VRS-CY1JF562JY	AA		J	5.6k 1/16W Metal Oxide
R7259	VRS-CY1JF103JY	AA		J	10k 1/16W Metal Oxide
R7260	VRS-CY1JF472JY	AA		J	4.7k 1/16W Metal Oxide
R7261	VRS-TV1JD154FY	AA		J	150k 1/16W Metal Oxide
R7262	VRS-CY1JF473JY	AA		J	47k 1/16W Metal Oxide
R7263	VRS-CY1JF472JY	AA		J	4.7k 1/16W Metal Oxide
R7264	VRS-TV1JD222JY	AA		J	2.2k 1/16W Metal Oxide
R7265	VRS-TV1JD222JY	AA		J	2.2k 1/16W Metal Oxide
R7266	VRS-CY1JF333FY	AA		J	33k 1/16W Metal Oxide
R7271	VRS-CY1JF183JY	AA		J	18k 1/16W Metal Oxide
R7273	VRS-TV1JD105JY	AA		J	1M 1/16W Metal Oxide
R7274	VRS-VV3DB222J	AA		J	2.2k 2W Metal Oxide
R7275	VRS-VV3DB222J	AA		J	2.2k 2W Metal Oxide
R7276	VRS-CY1JF103JY	AA		J	10k 1/16W Metal Oxide
R7277	VRS-CY1JF472JY	AA		J	4.7k 1/16W Metal Oxide
R7279	VRS-CY1JF472JY	AA		J	4.7k 1/16W Metal Oxide
R7280	VRS-TV1JD330JY	AA		J	33 1/16W Metal Oxide
R7281	VRS-TV1JD331JY	AB		J	330 1/16W Metal Oxide
R7282	RR-FZA006WJZZ	AG		J	RESISTOR
RDA7101	PRDARA716WJFW	AG		J	HEAT SINK
RDA7201	PRDARA717WJFW	AF		J	HEAT SINK
RDA7202	PRDARA708WJFW	AE		J	HEAT SINK
RDA7203	PRDARA718WJFW	AE		J	HEAT SINK
RJ1	VRS-CY1JF000JY	AA		J	0 1/16W Metal Oxide
RJ2	VRS-CY1JF000JY	AA		J	0 1/16W Metal Oxide
△ T7207	RTRNWA338WJZZ	AT	N	J	TRANSFORMER
△ TH7101	RH-HXA042WJZZ	AG		J	5D2-15LCS
△ TH7201	RH-QZA006WJZZ	AE		J	RGEF700
△ VA7001	RH-VXA203WJZZ	AE	N	J	TND10SV471KBLSPAA1
△ VA7002	RH-VXA022WJZZ	AD		J	ERZV10D681CS
N	LX-BZ3049GEF7	AA		J	Screw, x6

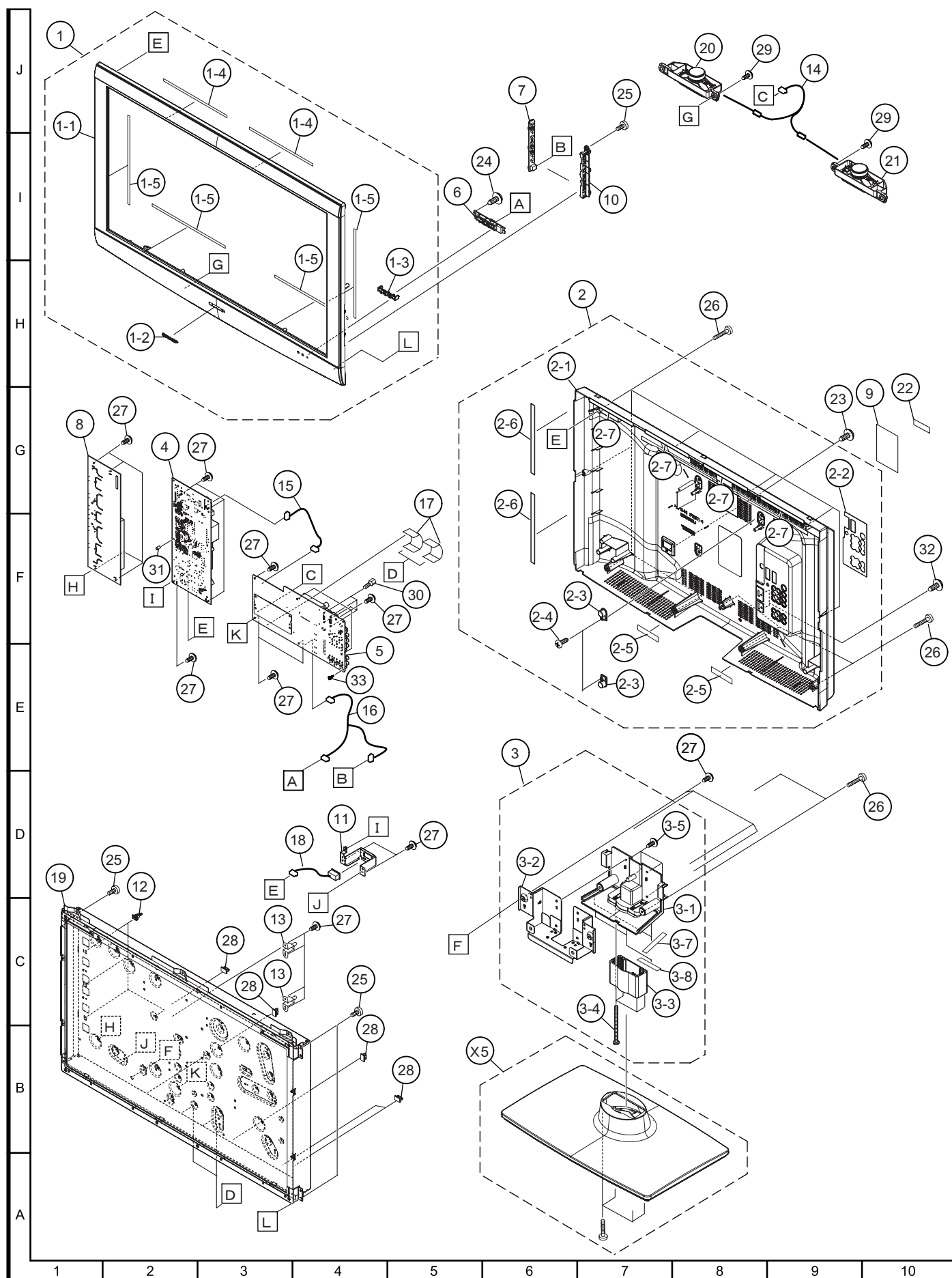
NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[4] DUNTKF072FM01 (INVERTER UNIT)					
C7700	VCCCCY1HH221JY	AA		J	220p 50V Ceramic
C7701	VCCCCY1HH221JY	AA		J	220p 50V Ceramic
C7702	VCCCCY1HH221JY	AA		J	220p 50V Ceramic
C7703	VCCCCY1HH221JY	AA		J	220p 50V Ceramic
C7708	VCCCCY1HH221GY	AB	N	J	220p 50V Ceramic
C7710	VCKYCY1CB103KY	AA		J	0.01 16V Ceramic
C7711	VCKYCY1CB103KY	AA		J	0.01 16V Ceramic
C7713	VCKYCY1EB334KY	AB		J	0.33 25V Ceramic
C7716	VCKYCY1CB104KY	AB		J	0.1 16V Ceramic
C7717	VCKYTV1EB105KY	AB		J	1 25V Ceramic
C7718	VCKYCY1CB104KY	AB		J	0.1 16V Ceramic
C7719	VCKYTV1CF225ZY	AB		J	2.2 16V Ceramic
C7720	VCKYCY1HB472KY	AA		J	4700p 50V Ceramic
C7721	VCKYTV1EB105KY	AB		J	1 25V Ceramic
C7722	VCKYCY1HB472KY	AA		J	4700p 50V Ceramic
C7723	RC-KZA114WJZZY	AB		J	CAPACITOR
C7724	VCCCCY1EH102JY	AB		J	1000p 25V Ceramic
C7725	VCCCCY1EH102JY	AB		J	1000p 25V Ceramic
C7727	VCKYCY1HB103KY	AA		J	0.01 50V Ceramic
C7800	RC-EZA489WJZZ+	AC		J	CAPACITOR
C7801	VCKYTV1HB104KY	AA		J	0.1 50V Ceramic
C7802	VCKYTV1HB104KY	AA		J	0.1 50V Ceramic
C7803	VCKYTV1HB104KY	AA		J	0.1 50V Ceramic
C7804	VCKYTV1HB104KY	AA		J	0.1 50V Ceramic
C7805	RC-EZB592WJZZ+	AD	N	J	CAPACITOR
C7806	RC-EZB592WJZZ+	AD	N	J	CAPACITOR
C7807	RC-EZB592WJZZ+	AD	N	J	CAPACITOR
C7810	RC-KZA723WJZZY	AC	N	J	CAPACITOR
C7811	RC-KZA723WJZZY	AC	N	J	CAPACITOR
C7900	RC-KZA722WJZZY	AC	N	J	CAPACITOR
C7901	RC-KZA722WJZZY	AC	N	J	CAPACITOR
C7902	RC-KZA722WJZZY	AC	N	J	CAPACITOR
C7903	RC-KZA722WJZZY	AC	N	J	CAPACITOR
C7904	VCCCCY1HH122JY	AA		J	1200p 50V Ceramic
C7905	RC-CZA007WJZZ+	AC	N	J	CAPACITOR
C7906	RC-CZA007WJZZ+	AC	N	J	CAPACITOR
C7907	VCCCCY1HH122JY	AA		J	1200p 50V Ceramic
C7908	VCCCCY1HH122JY	AA		J	1200p 50V Ceramic
C7909	RC-CZA007WJZZ+	AC	N	J	CAPACITOR
C7910	RC-CZA007WJZZ+	AC	N	J	CAPACITOR
C7911	VCCCCY1HH122JY	AA		J	1200p 50V Ceramic
C7912	VCCCCY1HH122JY	AA		J	1200p 50V Ceramic
C7913	RC-CZA007WJZZ+	AC	N	J	CAPACITOR
C7914	RC-CZA007WJZZ+	AC	N	J	CAPACITOR
C7915	VCCCCY1HH122JY	AA		J	1200p 50V Ceramic
C7916	VCCCCY1HH122JY	AA		J	1200p 50V Ceramic
C7917	RC-CZA007WJZZ+	AC	N	J	CAPACITOR
C7918	RC-CZA007WJZZ+	AC	N	J	CAPACITOR
C7919	VCCCCY1HH122JY	AA		J	1200p 50V Ceramic
C7929	VCKYTV1EB105KY	AB		J	1 25V Ceramic
C7930	VCKYCY1HB104KY	AA		J	0.1 50V Ceramic
C7931	VCKYCY1HB103KY	AA		J	0.01 50V Ceramic
C7933	VCCCCY1HH102JY	AB		J	1000p 50V Ceramic
C7934	VCCCCY1HH102JY	AB		J	1000p 50V Ceramic
C7935	VCCCCY1HH102JY	AB		J	1000p 50V Ceramic
C7936	VCCCCY1HH102JY	AB		J	1000p 50V Ceramic
C7937	VCCCCY1HH102JY	AB		J	1000p 50V Ceramic
C7938	VCCCCY1HH102JY	AB		J	1000p 50V Ceramic
C7939	VCCCCY1HH102JY	AB		J	1000p 50V Ceramic
C7940	VCCCCY1HH102JY	AB		J	1000p 50V Ceramic
C7941	RC-KZA722WJZZY	AC	N	J	CAPACITOR
C7942	RC-KZA722WJZZY	AC	N	J	CAPACITOR
C7943	RC-KZA722WJZZY	AC	N	J	CAPACITOR
C7944	RC-KZA722WJZZY	AC	N	J	CAPACITOR
CN7302	QCNCWA677WJZZ	AE		J	CONNECTOR
CN7900	QEARPA210WJQZ+	AB	N	J	GROUND-PART
CN7901	QEARPA210WJQZ+	AB	N	J	GROUND-PART
CN7902	QEARPA210WJQZ+	AB	N	J	GROUND-PART
CN7903	QEARPA210WJQZ+	AB	N	J	GROUND-PART
CN7904	QJNTKA001WJZZ	AE		J	CONNECTOR
CN7905	QJNTKA001WJZZ	AE		J	CONNECTOR
CN7906	QJNTKA001WJZZ	AE		J	CONNECTOR
CN7907	QJNTKA001WJZZ	AE		J	CONNECTOR
CN7908	QJNTKA001WJZZ	AE		J	CONNECTOR
CN7909	QJNTKA001WJZZ	AE		J	CONNECTOR
CN7910	QJNTKA001WJZZ	AE		J	CONNECTOR
CN7911	QJNTKA001WJZZ	AE		J	CONNECTOR
D7800	RH-EXA550WJZZY	AB		J	MAZ8130GML
D7801	RH-EXA550WJZZY	AB		J	MAZ8130GML
D7802	VHDCUS02TE+-1Y	AB		J	CUS02(TE85L,Q)
D7803	VHDCUS02TE+-1Y	AB		J	CUS02(TE85L,Q)
D7804	RH-EXA550WJZZY	AB		J	MAZ8130GML
D7805	RH-EXA550WJZZY	AB		J	MAZ8130GML
D7806	VHDCUS02TE+-1Y	AB		J	CUS02(TE85L,Q)
D7807	VHDCUS02TE+-1Y	AB		J	CUS02(TE85L,Q)

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[4] DUNTKF072FM01 (INVERTER UNIT)					
D7900	VHD1SS226// - 1Y	AC		J	1SS226(T5L,F,T)
D7901	VHD1SS226// - 1Y	AC		J	1SS226(T5L,F,T)
D7902	VHD1SS226// - 1Y	AC		J	1SS226(T5L,F,T)
D7903	VHD1SS226// - 1Y	AC		J	1SS226(T5L,F,T)
D7904	VHD1SS226// - 1Y	AC		J	1SS226(T5L,F,T)
D7905	VHD1SS226// - 1Y	AC		J	1SS226(T5L,F,T)
D7906	VHD1SS226// - 1Y	AC		J	1SS226(T5L,F,T)
D7907	VHD1SS226// - 1Y	AC		J	1SS226(T5L,F,T)
D7916	VHD1SS352// - 1Y	AB		J	1SS352(TPH3,F)
D7917	VHD1SS352// - 1Y	AB		J	1SS352(TPH3,F)
D7918	VHD1SS352// - 1Y	AB		J	1SS352(TPH3,F)
D7919	VHD1SS352// - 1Y	AB		J	1SS352(TPH3,F)
D7920	VHD1SS352// - 1Y	AB		J	1SS352(TPH3,F)
D7921	VHD1SS352// - 1Y	AB		J	1SS352(TPH3,F)
D7922	VHD1SS352// - 1Y	AB		J	1SS352(TPH3,F)
D7923	VHD1SS352// - 1Y	AB		J	1SS352(TPH3,F)
D7925	VHD1SS352// - 1Y	AB		J	1SS352(TPH3,F)
D7927	VHD1SS352// - 1Y	AB		J	1SS352(TPH3,F)
D7929	VHD1SS352// - 1Y	AB		J	1SS352(TPH3,F)
D7931	VHD1SS352// - 1Y	AB		J	1SS352(TPH3,F)
D7933	VHD1SS352// - 1Y	AB		J	1SS352(TPH3,F)
D7935	VHD1SS352// - 1Y	AB		J	1SS352(TPH3,F)
D7937	VHD1SS352// - 1Y	AB		J	1SS352(TPH3,F)
D7939	VHD1SS352// - 1Y	AB		J	1SS352(TPH3,F)
F7700	QFS-ZA014WJZZ+	AD	N	J	FUSE T5AL 250V
IC7700	VHIBD9897FS-1Y	AL		J	BD9897FS-E2
IC7900	VHINJM2903M-1Y	AE		J	NJM2903M-TE1
Q7705	VS2SC3928AR-1Y	AB		J	2SC3928A-T112-1R
Q7800	VS2N7002+++ - 1Y	AB		J	2N7002-RTK/P
Q7801	VS2N7002+++ - 1Y	AB		J	2N7002-RTK/P
Q7802	VSHN4B102J+ - 1Y	AD	N	J	TRANSSTOR
Q7803	VS2N7002+++ - 1Y	AB		J	2N7002-RTK/P
Q7804	VSHN4B102J+ - 1Y	AD	N	J	TRANSSTOR
Q7805	VSHN4B102J+ - 1Y	AD	N	J	TRANSSTOR
Q7806	VS2N7002+++ - 1Y	AB		J	2N7002-RTK/P
Q7807	VSFDPF3860T-F	AF		J	FDPF3860T
Q7808	VSHN4B102J+ - 1Y	AD	N	J	TRANSSTOR
Q7809	VSFQPF22P10-F	AG		J	FQPF22P10
Q7810	VSFDPF3860T-F	AF		J	FDPF3860T
Q7811	VSFQPF22P10-F	AG		J	FQPF22P10
R7700	VRS-CY1JF223JY	AA		J	22k 1/16W Metal Oxide
R7701	VRS-TV1JD000JY	AA		J	0 1/16W Metal Oxide
R7702	VRS-CY1JF472JY	AA		J	4.7k 1/16W Metal Oxide
R7703	VRS-CY1JF222JY	AA		J	2.2k 1/16W Metal Oxide
R7704	VRS-CY1JF221JY	AA		J	220 1/16W Metal Oxide
R7705	VRS-TQ2BD100JY	AA		J	10 1/8W Metal Oxide
R7706	VRS-TV1JD000JY	AA		J	0 1/16W Metal Oxide
R7707	VRS-TV1JD000JY	AA		J	0 1/16W Metal Oxide
R7718	VRS-CY1JF221FY	AA		J	220 1/16W Metal Oxide
R7719	VRS-CY1JF393FY	AA		J	39k 1/16W Metal Oxide
R7720	VRS-CY1JF151JY	AA		J	150 1/16W Metal Oxide
R7721	VRS-CY1JF623JY	AA		J	62k 1/16W Metal Oxide
R7722	VRS-CY1JF104JY	AA		J	100k 1/16W Metal Oxide
R7724	VRS-CY1JF912FY	AA		J	9.1k 1/16W Metal Oxide
R7725	VRS-CY1JF204JY	AA		J	200k 1/16W Metal Oxide
R7727	VRS-CY1JF823FY	AA		J	82k 1/16W Metal Oxide
R7731	VRS-CY1JF243JY	AA		J	24k 1/16W Metal Oxide
R7732	VRS-CY1JF103JY	AA		J	10k 1/16W Metal Oxide
R7737	VRS-CY1JF473JY	AA		J	47k 1/16W Metal Oxide
R7738	VRS-CY1JF104JY	AA		J	100k 1/16W Metal Oxide
R7740	VRS-CY1JF684JY	AA		J	680k 1/16W Metal Oxide
R7741	VRS-CY1JF224JY	AA		J	220k 1/16W Metal Oxide
R7744	VRS-CY1JF000JY	AA		J	0 1/16W Metal Oxide
R7745	VRS-CY1JF183JY	AA		J	18k 1/16W Metal Oxide
R7746	VRS-CY1JF153DY	AA		J	15k 1/16W Metal Oxide
R7747	VRS-CY1JF103DY	AA		J	10k 1/16W Metal Oxide
R7748	VRS-CY1JF682DY	AA		J	6.8k 1/16W Metal Oxide
R7750	VRS-CY1JF103JY	AA		J	10k 1/16W Metal Oxide
R7751	VRS-CY1JF562DY	AA		J	5.6k 1/16W Metal Oxide
R7752	VRS-CY1JF124DY	AA		J	120k 1/16W Metal Oxide
R7755	VRS-CY1JF000JY	AA		J	0 1/16W Metal Oxide
R7756	VRS-CY1JF473JY	AA		J	47k 1/16W Metal Oxide
R7757	VRS-CY1JF000JY	AA		J	0 1/16W Metal Oxide
R7763	VRS-TV1JD124JY	AA		J	120k 1/16W Metal Oxide
R7766	VRS-CY1JF000JY	AA		J	0 1/16W Metal Oxide
R7767	VRS-CY1JF332JY	AA		J	3.3k 1/16W Metal Oxide
R7800	VRS-TV2BD102JY	AA		J	1k 1/8W Metal Oxide
R7801	VRS-TV2BD102JY	AA		J	1k 1/8W Metal Oxide
R7802	VRS-TV2BD102JY	AA		J	1k 1/8W Metal Oxide
R7803	VRS-TV2BD102JY	AA		J	1k 1/8W Metal Oxide
R7804	VRS-TV2BD102JY	AA		J	1k 1/8W Metal Oxide
R7805	VRS-TV2BD102JY	AA		J	1k 1/8W Metal Oxide
R7806	VRS-TV2BD102JY	AA		J	1k 1/8W Metal Oxide
R7807	VRS-TV2BD102JY	AA		J	1k 1/8W Metal Oxide
R7808	VRS-TV1JD103FY	AA		J	10k 1/16W Metal Oxide

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[4] DUNTKF072FM01 (INVERTER UNIT)					
R7809	VRS - TV1JD470FY	AA		J	47 1/16W Metal Oxide
R7810	VRS - TV1JD470FY	AA		J	47 1/16W Metal Oxide
R7811	VRS - CY1JF104JY	AA		J	100k 1/16W Metal Oxide
R7812	VRS - TV1JD103FY	AA		J	10k 1/16W Metal Oxide
R7813	VRS - TV1JD470FY	AA		J	47 1/16W Metal Oxide
R7814	VRS - TV1JD470FY	AA		J	47 1/16W Metal Oxide
R7815	VRS - CY1JF104JY	AA		J	100k 1/16W Metal Oxide
R7816	VRS - TV2BD105JY	AA	N	J	1M 1/8W Metal Oxide
R7817	VRS - CY1JF000JY	AA		J	0 1/16W Metal Oxide
R7818	VRS - CY1JF000JY	AA		J	0 1/16W Metal Oxide
R7819	VRS - TV1JD000JY	AA		J	0 1/16W Metal Oxide
R7820	VRS - TV1JD000JY	AA		J	0 1/16W Metal Oxide
R7821	VRS - TV1JD000JY	AA		J	0 1/16W Metal Oxide
R7822	VRS - TV1JD000JY	AA		J	0 1/16W Metal Oxide
R7823	VRS - CY1JF104JY	AA		J	100k 1/16W Metal Oxide
R7824	VRS - CY1JF104JY	AA		J	100k 1/16W Metal Oxide
R7825	VRS - TV1JD000JY	AA		J	0 1/16W Metal Oxide
R7826	VRS - TV1JD000JY	AA		J	0 1/16W Metal Oxide
R7827	VRS - CY1JF000JY	AA		J	0 1/16W Metal Oxide
R7828	VRS - CY1JF000JY	AA		J	0 1/16W Metal Oxide
R7829	VRS - CY1JF000JY	AA		J	0 1/16W Metal Oxide
R7830	VRS - CY1JF000JY	AA		J	0 1/16W Metal Oxide
R7900	VRS - TV1JD821FY	AA		J	820 1/16W Metal Oxide
R7901	VRS - TV1JD821FY	AA		J	820 1/16W Metal Oxide
R7902	VRS - TV1JD821FY	AA		J	820 1/16W Metal Oxide
R7903	VRS - TV1JD821FY	AA		J	820 1/16W Metal Oxide
R7904	VRS - TV1JD821FY	AA		J	820 1/16W Metal Oxide
R7905	VRS - TV1JD821FY	AA		J	820 1/16W Metal Oxide
R7906	VRS - TV1JD821FY	AA		J	820 1/16W Metal Oxide
R7907	VRS - TV1JD821FY	AA		J	820 1/16W Metal Oxide
R7910	VRS - CY1JF000JY	AA		J	0 1/16W Metal Oxide
R7911	VRS - CY1JF000JY	AA		J	0 1/16W Metal Oxide
R7913	VRS - CY1JF000JY	AA		J	0 1/16W Metal Oxide
R7915	VRS - CY1JF000JY	AA		J	0 1/16W Metal Oxide
R7917	VRS - CY1JF000JY	AA		J	0 1/16W Metal Oxide
R7919	VRS - CY1JF000JY	AA		J	0 1/16W Metal Oxide
R7921	VRS - CY1JF000JY	AA		J	0 1/16W Metal Oxide
R7922	VRS - CY1JF000JY	AA		J	0 1/16W Metal Oxide
R7924	VRS - TV1JD821FY	AA		J	820 1/16W Metal Oxide
R7925	VRS - TV1JD821FY	AA		J	820 1/16W Metal Oxide
R7926	VRS - TV1JD821FY	AA		J	820 1/16W Metal Oxide
R7927	VRS - TV1JD821FY	AA		J	820 1/16W Metal Oxide
R7928	VRS - TV1JD821FY	AA		J	820 1/16W Metal Oxide
R7929	VRS - TV1JD821FY	AA		J	820 1/16W Metal Oxide
R7930	VRS - TV1JD821FY	AA		J	820 1/16W Metal Oxide
R7931	VRS - TV1JD821FY	AA		J	820 1/16W Metal Oxide
R7932	VRS - TV1JD332FY	AA		J	3.3k 1/16W Metal Oxide
R7933	VRS - TV1JD332FY	AA		J	3.3k 1/16W Metal Oxide
R7934	VRS - TV1JD332FY	AA		J	3.3k 1/16W Metal Oxide
R7935	VRS - TV1JD332FY	AA		J	3.3k 1/16W Metal Oxide
R7936	VRS - TV1JD332FY	AA		J	3.3k 1/16W Metal Oxide
R7937	VRS - TV1JD332FY	AA		J	3.3k 1/16W Metal Oxide
R7938	VRS - TV1JD332FY	AA		J	3.3k 1/16W Metal Oxide
R7939	VRS - TV1JD332FY	AA		J	3.3k 1/16W Metal Oxide
R7940	VRS - TV1JD332FY	AA		J	3.3k 1/16W Metal Oxide
R7941	VRS - TV1JD332FY	AA		J	3.3k 1/16W Metal Oxide
R7942	VRS - TV1JD332FY	AA		J	3.3k 1/16W Metal Oxide
R7943	VRS - TV1JD332FY	AA		J	3.3k 1/16W Metal Oxide
R7944	VRS - TV1JD332FY	AA		J	3.3k 1/16W Metal Oxide
R7945	VRS - TV1JD332FY	AA		J	3.3k 1/16W Metal Oxide
R7946	VRS - TV1JD332FY	AA		J	3.3k 1/16W Metal Oxide
R7947	VRS - TV1JD332FY	AA		J	3.3k 1/16W Metal Oxide
R7948	VRS - TV1JD821FY	AA		J	820 1/16W Metal Oxide
R7949	VRS - TV1JD821FY	AA		J	820 1/16W Metal Oxide
R7950	VRS - TV1JD821FY	AA		J	820 1/16W Metal Oxide
R7951	VRS - TV1JD821FY	AA		J	820 1/16W Metal Oxide
R7952	VRS - TV1JD821FY	AA		J	820 1/16W Metal Oxide
R7953	VRS - TV1JD821FY	AA		J	820 1/16W Metal Oxide
R7954	VRS - TV1JD821FY	AA		J	820 1/16W Metal Oxide
R7955	VRS - TV1JD821FY	AA		J	820 1/16W Metal Oxide
R7956	VRS - TV1JD821FY	AA		J	820 1/16W Metal Oxide
R7957	VRS - TV1JD821FY	AA		J	820 1/16W Metal Oxide
R7958	VRS - TV1JD821FY	AA		J	820 1/16W Metal Oxide
R7959	VRS - TV1JD821FY	AA		J	820 1/16W Metal Oxide
R7960	VRS - TV1JD821FY	AA		J	820 1/16W Metal Oxide
R7961	VRS - TV1JD821FY	AA		J	820 1/16W Metal Oxide
R7962	VRS - TV1JD821FY	AA		J	820 1/16W Metal Oxide
R7963	VRS - TV1JD821FY	AA		J	820 1/16W Metal Oxide
R7965	VRS - CY1JF153DY	AA		J	15k 1/16W Metal Oxide
R7966	VRS - CY1JF104JY	AA		J	100k 1/16W Metal Oxide
R7967	VRS - CY1JF332FY	AA		J	3.3k 1/16W Metal Oxide
R7968	VRS - CY1JF124DY	AA		J	120k 1/16W Metal Oxide
R7969	VRS - CY1JF000JY	AA		J	0 1/16W Metal Oxide
R7970	VRS - CY1JF564JY	AA		J	560k 1/16W Metal Oxide
R7971	VRS - TV1JD154JY	AA		J	150k 1/16W Metal Oxide

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[4] DUNTKF072FM01 (INVERTER UNIT)					
R7972	VRS-TV1JD154JY	AA		J	150k 1/16W Metal Oxide
R7973	VRS-TV1JD154JY	AA		J	150k 1/16W Metal Oxide
R7974	VRS-TV1JD154JY	AA		J	150k 1/16W Metal Oxide
R7975	VRS-TV1JD154JY	AA		J	150k 1/16W Metal Oxide
R7976	VRS-TV1JD154JY	AA		J	150k 1/16W Metal Oxide
R7977	VRS-TV1JD154JY	AA		J	150k 1/16W Metal Oxide
R7978	VRS-TV1JD154JY	AA		J	150k 1/16W Metal Oxide
RDA7800	PRDARA710WJFW	AF	N	J	HEAT SINK
RJ1	VRS-CY1JF000JY	AA		J	0 1/16W Metal Oxide
RJ2	VRS-CY1JF000JY	AA		J	0 1/16W Metal Oxide
RJ3	VRS-CY1JF000JY	AA		J	0 1/16W Metal Oxide
RJ4	VRS-CY1JF000JY	AA		J	0 1/16W Metal Oxide
RJ5	VRS-CY1JF000JY	AA		J	0 1/16W Metal Oxide
RJ7	VRS-CY1JF000JY	AA		J	0 1/16W Metal Oxide
RJ10	VRS-CY1JF000JY	AA		J	0 1/16W Metal Oxide
RJ11	VRS-CY1JF000JY	AA		J	0 1/16W Metal Oxide
RJ12	VRS-CY1JF000JY	AA		J	0 1/16W Metal Oxide
RJ14	VRS-CY1JF000JY	AA		J	0 1/16W Metal Oxide
RJ17	VRS-CY1JF000JY	AA		J	0 1/16W Metal Oxide
RJ19	VRS-CY1JF000JY	AA		J	0 1/16W Metal Oxide
RJ20	VRS-CY1JF000JY	AA		J	0 1/16W Metal Oxide
RJ21	VRS-CY1JF000JY	AA		J	0 1/16W Metal Oxide
RJ22	VRS-CY1JF000JY	AA		J	0 1/16W Metal Oxide
RJ23	VRS-TV1JD000JY	AA		J	0 1/16W Metal Oxide
RJ24	VRS-TV1JD000JY	AA		J	0 1/16W Metal Oxide
RJ25	VRS-TV1JD000JY	AA		J	0 1/16W Metal Oxide
RJ26	VRS-TV1JD000JY	AA		J	0 1/16W Metal Oxide
RJ27	VRS-TV1JD000JY	AA		J	0 1/16W Metal Oxide
RJ28	VRS-TV1JD000JY	AA		J	0 1/16W Metal Oxide
△ T7904	RTRNWA344WJZZ	AL	N	J	TRANSFORMER
△ T7905	RTRNWA344WJZZ	AL	N	J	TRANSFORMER
△ T7906	RTRNWA344WJZZ	AL	N	J	TRANSFORMER
△ T7907	RTRNWA344WJZZ	AL	N	J	TRANSFORMER

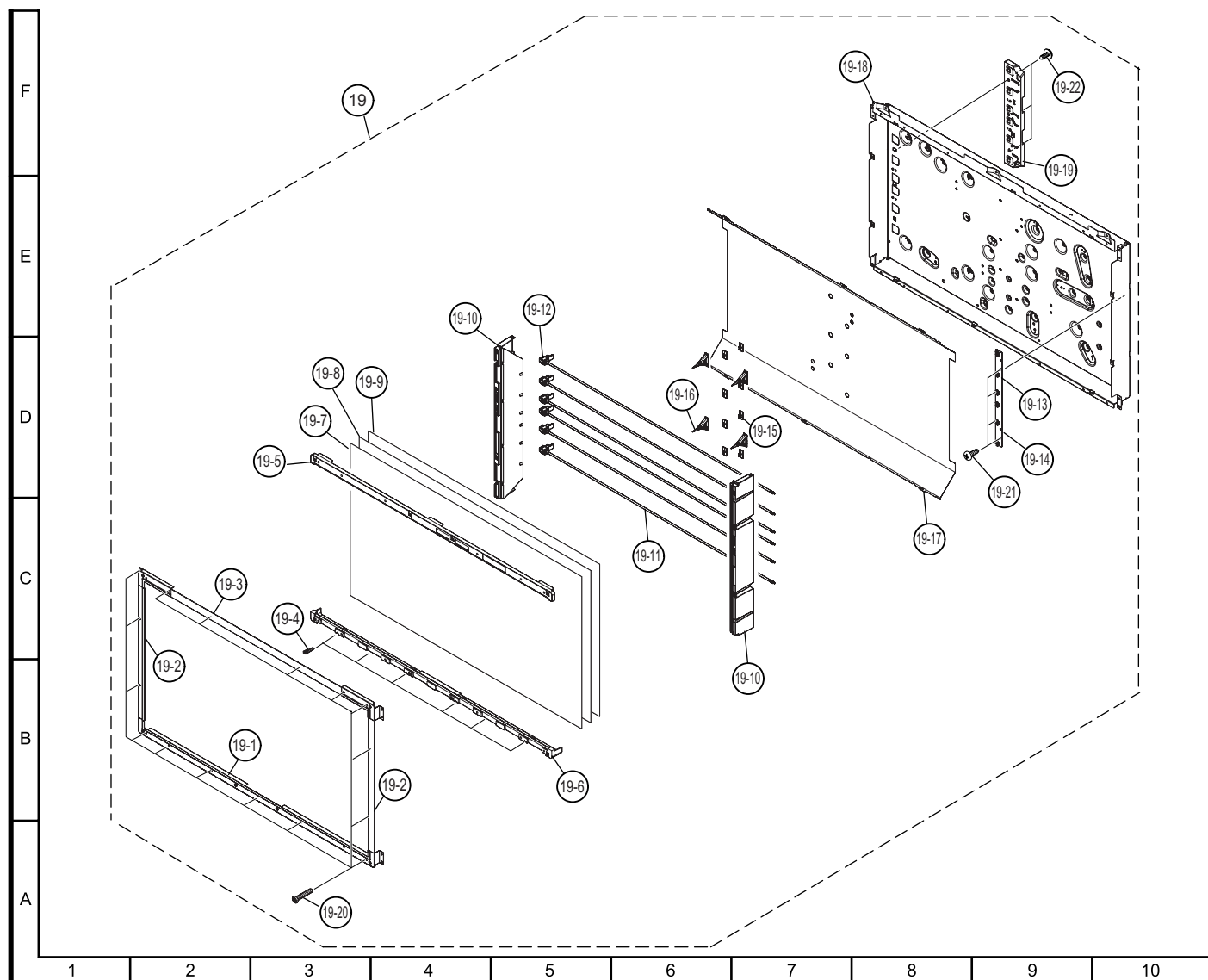
[5] CABINET PARTS



NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[5] CABINET PARTS					
1	CCABAC274WJ41	BG	N	J	Front Cabinet Ass'y
1-1	Not Available	-	N	-	Front Cabinet Ass'y
1-2	HBDGBA056WJSA	AH		J	SHARP Badge
1-3	HDECQB176WJ4A	AH	N	J	LED Cover
1-4	PSPAGA713WJZZ	AC	N	J	Mask Himaron, x2
1-5	PSPAHB906WJ4Z	AF	N	J	Mask Himaron, x4
2	CCABBB502WJ41	BF	N	J	Rear Cabinet Ass'y
2-1	Not Available	-	N	-	Rear Cabinet
2-2	HINDPD192WJ4A	AG	N	J	Terminal Label
2-3	LHLDZA929WJZZ	AE	N	J	VESA Holder, x2
2-4	XEBS930P08000	AA		J	Screw for VESA Holder
2-5	PSPAHB909WJZZ	AB	N	J	Himeron (75*12 t0.5), x2
2-6	PSPAHB934WJ4Z	AB	N	V	Himeron (230*10 t0.5), x2
2-7	PSPAHB936WJ4Z	AB	N	V	Himeron (170*10 t0.5), x4
3	CCOVAD309WJ03	AU	N	V	Stand Cover Ass'y
3-1	Not Available	-	N	-	Stand Cover
3-2	GDAI-A550WJ4Z	AM	N	J	Support Angle
3-3	LANGKC127WJ4W	AL	N	J	Bottom Angle
3-4	LX-BZA317WJF7	AD	N	J	Screw for SUB, x4
3-5	XHPS730P08WS0	AA		J	Screw for Bottom Angle, x2
3-7	PSPAHB909WJZZ	AB	N	J	Himeron (75*12 t0.5), x2
3-8	PSPAHB910WJZZ	AB	N	J	Himeron (50*12 t0.5), x2
4	DUNTKF064FM02		N	V	POWER Unit
5	DUNTKF067FM06	BW	N	V	MAIN Unit
6	DUNTKF068FM01	AK	N	V	R/C, LED Unit
7	DUNTKF069FM01	AG		V	KEY Unit
8	DUNTKF072FM01			V	INVERTER Unit
9	HINDPD193WJ4A	AC	N	J	Model Label (for Asia)
9	HINDPD194WJ4A	AC	N	J	Model Label (for Hong Kong)
9	HINDPD195WJ4A	AC	N	J	Model Label (for Saudi Arabia)
9	HINDPD293WJ4A	AC	N	J	Model Label (for Thailand)
10	JBTN-A812WJ4A	AE	N	J	Control Button
11	LANGKC138WJ4W	AF	N	J	SW Bracket
12	LHLDFA036WJKZ	AB		J	Wire Holder (INV-PWB), x3
13	LANGKC151WJ4W	AG	N	J	VESA Angle
14	QCNW-J022WJQZ	AH	N	J	Connecting Cord (SPEAKER)
15	QCNW-J025WJQZ	AK	N	J	Connecting Cord (PD)
16	QCNW-J028WJQZ	AH	N	J	Connecting Cord (LED/KEY)
17	QCNW-J072WJQZ	AH	N	J	Connecting Cord (FFC), x2
18	QCNW-J088WJQZ	AK	N	J	Connecting Cord (AC INLET)
19	R1LK370T3GW40W	CZ	N	J	37" LCD Panel Module
20	RSP-ZA391WJZZ	AP		J	Speaker-L
21	RSP-ZA392WJZZ	AP		J	Speaker-R
22	Not Available	-	N	-	No. Label
23	XBPS830P06000	AA		J	Screw
24	XEBS930P08000	AA		J	Screw (OPR-BUT)
25	XEBS940P10000	AB		J	Screw (LCD-PAN), x5
26	XEBS940P16000	AB		J	Screw (CAB-A/B), x13
27	XHPS730P06WS0	AA		J	Screw (PO-4,M-6,IN-4,A), x24
28	LHLDWA175WJUZ	AC		J	Wire Holder, x5
29	LX-HZA003WJFN	AC		J	Speaker Screw, x2
30	NSFTZ0134CEFW	AD		J	Hexagon Screw, x4
31	PSPANAO32WJKZ	AC		J	Wire Holder
32	LX-BZA328WJF8	AB		V	Screw, x2 (HDMI)
33	PSPA ZB202WJKZ	AB		J	PWB Holder

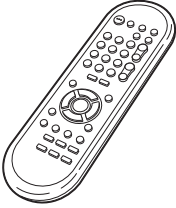
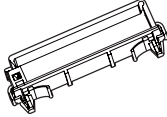
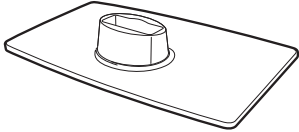
△

[6] LCD PANEL MODULE

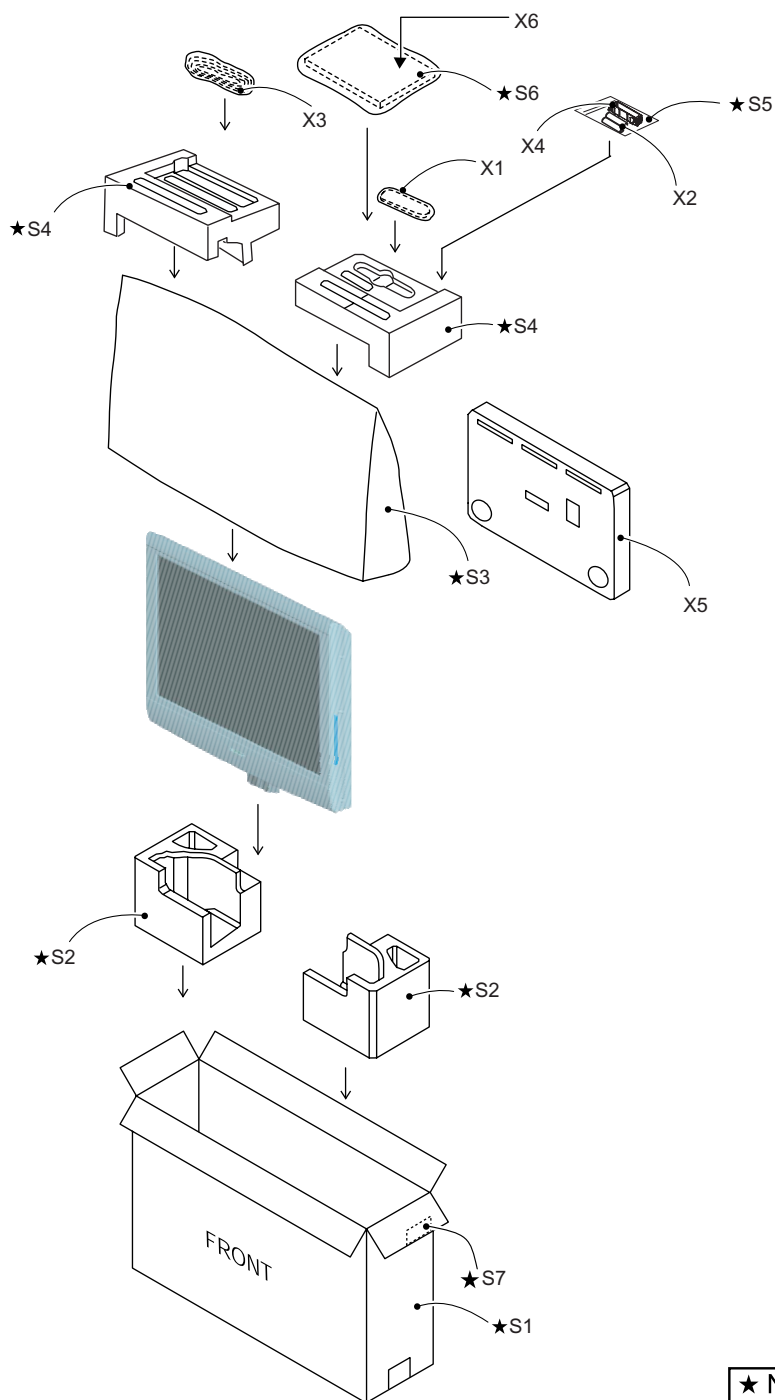


NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[6] LCD PANEL MODULE					
19	R1LK370T3GW40W	CZ		J	37" LCD Panel module
19-1	CANGKC070WJ01	AQ		J	Panel Angle Unit Bottom
19-2	CANGKC071WJ01	AN		J	Panel Angle Unit L/R, x2
19-3	CCOVMA041WJ01	AM		J	Dust Cover Unit Top
19-4	LHLDZ3785TPZZ	AC		J	S-PWB Clip, x6
19-5	CHLDZB369WJ01	AR		J	P Chassis Unit Top
19-6	CHLDZB370WJ01	AR		J	P Chassis Unit Bottom
19-7	PSHEPA860WJZZ	AY		J	Lens Sheet
19-8	PSHEPA857WJZZ	AT		J	Diffusion Sheet
19-9	PCOVUA157WJZZ	AY		J	Diffusion Plate
19-10	CHLDZB375WJ01	AR		J	Lamp Holder Unit L/R, x2
19-11	RLMPLA048WJN1	AR		J	Lamp, x8
19-12	QSOCFA003WJZZ	AD		J	Lamp Socket, x8
19-13	RUNTKA552WJZZ	AP		J	GND Unit (Top)
19-14	RUNTKA553WJZZ	AP		J	GND Unit (Bottom)
19-15	LHLDZB377WJKZ	AB		J	Lamp Clip, x8
19-16	LHLDZB378WJKZ	AC		J	Lamp Pin, x4
19-17	PMIR-A230WJZZ	AU		J	Reflector Sheet
19-18	LCHSMA550WJFW	BB		J	BL Chassis
19-19	PCOVMA044WJKZ	AQ		J	SJ Tech Cover
19-20	LX-HZA039WJF7	AB		J	Screw,x16(Panel angle unit,x12/Dust cover unit,x4)
19-21	LX-HZA046WJF7	AB		J	Screw(GND unit),x4
19-22	XHPS830P06WS0	AA		J	Screw(SJ tech cover),x3

[7] SUPPLIED ACCESSORIES

Remote control unit	"AA" size battery (x 2)	AC cord	Cable clamp
X1 	X2 	X3 	X4 
Stand unit			Operation manual
X5  Stand base  Screws (x 4)			X6 

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[7] SUPPLIED ACCESSORIES					
X1	RRMCGA609WJSA	AS		J	Remote Control Unit (except Hong Kong)
X1	RRMCGA610WJSA	AQ		J	Remote Control Unit (for Hong Kong)
X2	Not Available	-		-	Battery
X3	QACCKA004WJPZ	AM		J	AC Cord (for Asia)
X3	QACCKA033WJPZ	AL	N	V	AC Cord (for Thailand)
X3	QACCKA076WJPZ	AQ		J	AC Cord (for Hong Kong/Saudi Arabia)
X4	LHLDWA192WJKB	AE		J	Cable Clamp
X5	CDAI-A543WJ04	BB	N	J	Stand Unit
X6	TINS-E055WJZZ	AC	N	V	Operation Manual(English)(for Asia)
X6	TINS-E111WJZZ	AC	N	V	Operation Manual(Chinese Traditional)(for Asia)
X6	TINS-E112WJZZ	AC	N	V	Operation Manual(Chinese Simple)(for Asia)
X6	TINS-E115WJZZ	AC	N	V	Operation Manual(Arabic)(for Saudi Arabia)
X6	TINS-E124WJZZ		N	V	Operation Manual(English)(for Hong Kong)
X6	TINS-E125WJZZ		N	V	Operation Manual(Chinese Traditional)(for Hong Kong)

[8] PACKING PARTS (NOT REPLACEMENT ITEM)

★ Not Replacement item

NO.	PARTS CODE	PRICE RANK	NEW MARK	PART DELIVERY	DESCRIPTION
[8] PACKING PARTS (NOT REPLACEMENT ITEM)					
S1	SPAKCE783WJZZ	-	N	-	Packing Case
S2	SPAKXC399WJZZ	-	N	-	Bottom Pad
S3	SPAKPA801WJZZ	-	-	-	Wrapping Paper
S4	SPAKXC398WJZZ	-	N	-	Top Pad
S5	SSAKA0128AJZZ	-	-	-	Sack
S6	SSAKA0005PEZZ	-	-	-	A4 Sack
S7	TLABV0182AJZZ	-	-	-	No Card
[9] SERVICE JIG (USE FOR SERVICING)					
N	QC NW - J413WJQZ	AQ	N	V	Harness(Main-Speaker)
N	QC NW - J414WJQZ	AU	N	V	Harness(Main-Power)
N	QC NW - J415WJQZ	AT	N	V	Harness(Main-LED/KEY)
N	QC NW - J416WJQZ	CE	N	V	FFC Cable(Main-Module), x2

SHARP

COPYRIGHT © 2009 BY SHARP CORPORATION

ALL RIGHTS RESERVED.

No part of this publication may be reproduced,
stored in a retrieval system, or transmitted in
any form or by any means, electronic, mechanical,
photocopying, recording, or otherwise, without
prior written permission of the publisher.