ORDER NO. MTV0801629CE

Service Manual

LCD TV

TX-R32LX80

LH80 Chassis

Specifications

Power Source :	AC SINGLE 220-240 V, 50/60 Hz
Power Consumption	
Average Use	138 W
Standby condition	1.0 W
Display panel	
Aspect Ratio	16:9
Visible screen size	698 mm (W) × 392 mm (H)
(No. of pixels)	1,049,088 (1,366 (W) × 768 (H))
Sound	
Speaker	Full range × 2 pcs, 8 Ω
Audio Output	20 W (10 W + 10 W), 10% THD
Headphones	M3 (3.5 mm) Jack × 1
PC signals	VGA, SVGA, XGA, WVGA, WXGA
	Vertical scanning frequency 60 Hz

Receiving Systems / Band name

	SYSTEMS	FUNCTIONS
1	PAL B, G, H	Reception of broadcast transmission and playback from video cassette tape recorders.
2	PAL I	
3	PAL D, K	
4	SECAM B, G	
5	SECAM D, K	
6	SECAM K1	
7	NTSC M (NTSC 3.58 / 4.5 MHz)	
8	NTSC 4.43 / 5.5 MHz	Playback from special VCR's or DVD.
9	NTSC 4.43 / 6.0 MHz	

Panasonic®

10	NTSC 4.43 / 6.5 MHz	
11	NTSC 3.58 / 5.5 MHz	Playback from special VCR's or DVD.
12	NTSC 3.58 / 6.0 MHz	
13	NTSC 3.58 / 6.5 MHz	
14	SECAM I	
15	PAL 60 Hz / 5.5 MHz	Playback from Special Disc Players and Special VCR's or DVD.
16	PAL 60 Hz / 6.0 MHz	
17	PAL 60 Hz / 6.5 MHz	

Aerial - Rear		VHF / UHF	
Operation Conditions		Temperature : 0°C - 35°C	
		Humidity : 20% -- 80% RH (non-condensing)	
Connection Terminals :			
AV1	**AUDIO L-R**	RCA PIN Type × 2	0.5 V[rms]
Input	**VIDEO**	RCA PIN Type × 1	1.0 V[p-p] (75 Ω)
AV2	**AUDIO L-R**	RCA PIN Type × 2	0.5 V[rms]
Input	**VIDEO**	RCA PIN Type × 1	1.0 V[p-p] (75 Ω)
	COMPONENT	Y	1.0 V[p-p] (including synchronization)
		P_B / C_B, P_R / C_R	±0.35 V[p-p]
AV3	**AUDIO L-R**	RCA PIN Type × 2	0.5 V[rms]
Input	**VIDEO**	RCA PIN Type × 1	1.0 V[p-p] (75 Ω)
	S VIDEO	Mini DIN 4-pin	Y: 1.0 V[p-p] (75 Ω) C: 0.286 V[p-p] (75 Ω)
Others	**HDMI 1/2 Input**	TYPE A Connectors	
	Audio Input for HDMI 1	RCA PIN Type × 2	0.5 V[rms]
	PC Input	HIGH-DENSITY D-SUB 15 PIN	R, G, B / 0.7 V[p-p] (75 Ω)
			HD, VD / TTL LEVEL 2.0-5.0 V[rms] (high impedance)
Monitor	**AUDIO L-R**	RCA PIN Type × 2	0.5 V[rms] (high impedance)
Output	**VIDEO**	RCA PIN Type × 1	1.0 V[p-p] (75Ω)
Dimensions (W × H × D)		820 mm × 578 mm × 225 mm (With TV Stand)	
		820 mm × 539 mm × 110 mm (TV only)	
Mass		17 kg (Net)	

Design and specifications are subject to change without notice. Mass and dimensions shown are approximate.

⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public.
It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product.
Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

CONTENTS

1 Safety Precautions

1.1. General Guidelines

1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

1.2. Touch-Current Check

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a measuring network for touch currents between each exposed metallic part on the set and a good earth ground such as a water pipe as shown in Figure 1.
3. Use the Leakage Current Tester (Simpson 228 or equivalent) to measure the potential across the measuring network.
4. Check each exposed metallic part and measure the voltage at each point.
5. The potential at any point (touch current) expressed as voltage U_1 and U_2, do not exceed the following values:

   For AC: U_1 = 35 V (peak) and U_2 = 0.35 V (peak);

   For DC: U_1 = 1.0 V,

   NOTE :

   The limit value of U_2 = 0.35 V (peak) for AC and U_1 = 1.0 V for DC correspond to the values 0.7 mA (peak) AC and 2.0 mA DC.

   The limit value U_1 = 35 V (peak) for AC correspond to the value 70 mA (peak) AC for frequencies greater than 100 kHz.

6. Should a measurement be out of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

Measuring Network for Touch Currents

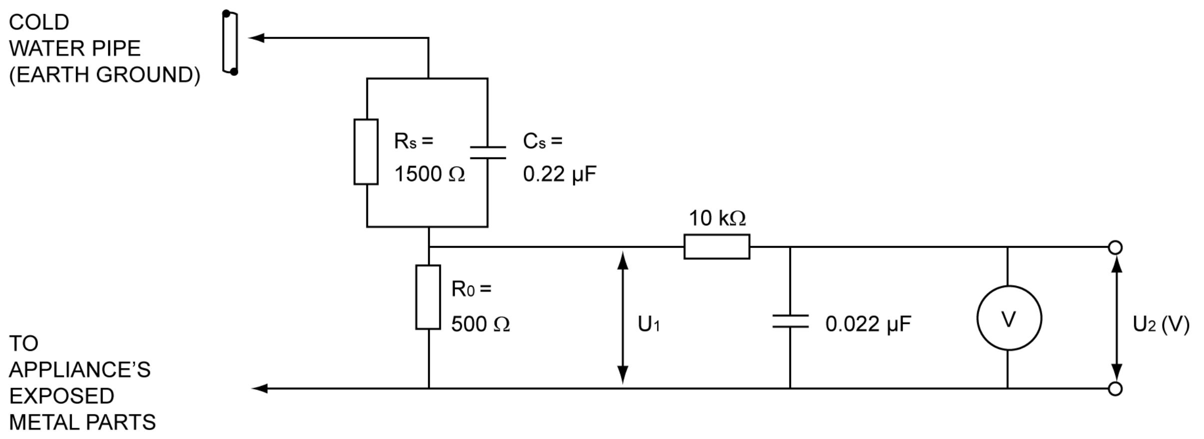


Figure 1

Resistance values in ohms (Ω)

V: Voltmeter or oscilloscope
(r.m.s. or peak reading)

Input resistance:	≥ 1 MΩ
Input capacitance:	≤ 200 pF
Frequency range:	15 Hz to 1 MHz and DC respectively

NOTE - Appropriate measures should be taken to obtain the correct value in case of non-sinusoidal waveforms.

2 Prevention of Electro Static Discharge (ESD) to Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by electro static discharge (ESD).

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as aluminium foil to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static (ESD protected)" can generate electrical charges sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it (most replacement ES devices are packaged with leads electrically shorted together by conductive foam, aluminium foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

   Caution:

   Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
8. Minimize bodily motions when handling unpackaged replacement ES devices (otherwise harmless motions such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device).

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are important for safety.
These parts are marked by ⚠ in the Schematic Diagrams, Exploded Views and Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire, or other hazards. Do not modify the original design without permission from the manufacturer.

3 About Lead Free Solder (PbF)

Note: Lead is listed as (Pb) in the periodic table of elements.

In the information below, Pb will refer to Lead Solder and PbF will refer to Lead Free Solder.

The Lead Free Solder (PbF) used in our manufacturing process and discussed below is (Sn+Ag+Cu).

Those are Tin (Sn), Silver (Ag) and Copper (Cu), although other types are available.

This model uses PbF in its manufacture due to environmental conservation issues. For service and repair work, we would suggest the use of PbF as well, although Pb may be used.

PCBs manufactured using lead-free will have the “PbF within a leaf Symbol” stamped on their back.

Caution

- PbF has a higher melting point than that of standard solder. Typically the melting point is 50 ~ 70°F (30~40°C) higher. Please use a high temperature soldering iron and set it to 700 20°F (370 10°C).
- PbF will tend to splash when heated too high (about 1100°F or 600°C).
  If you must use Pb solder, please completely remove all of the PbF on the pins or solder area before applying Pb. If this is not practical, be sure to heat the PbF until it melts, before applying Pb.
- After applying PbF to double layered boards, please check the component side for excess solder which may flow onto the opposite side (see Figure 2).

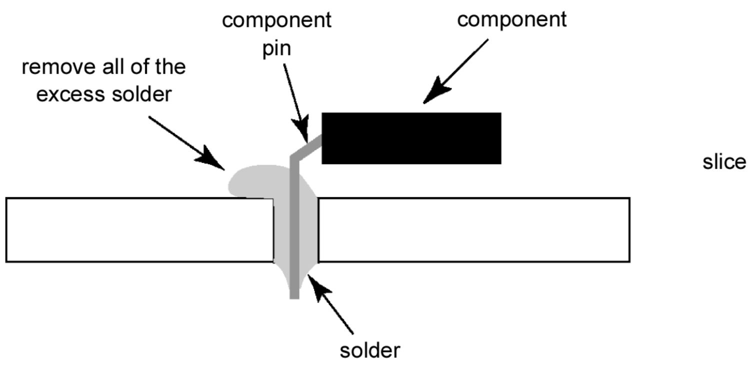


Figure 2

Suggested PbF

There are several kinds of PbF available for purchase. This product uses Sn+Ag+Cu (tin, silver, copper) solder. However, Sn+Cu (tin, copper) and Sn+Zn+Bi (tin, zinc, bismuth) solders can also be used.

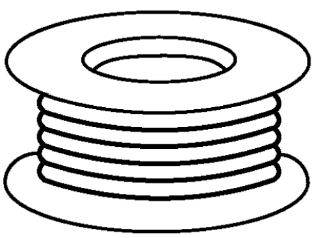
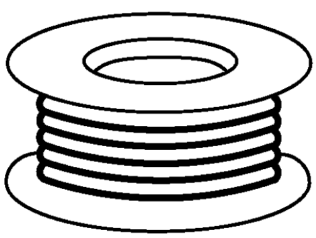
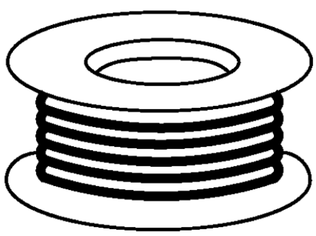
0.3mm X 100g	0.6mm X 100g	1.0mm X 100g
		

Figure 3

4 Self Check Function

4.1. Self Check

1. Self Check is used to automatically check the bus lines and hexadecimal codes of the TV set.
2. To get into the Self Check mode, press the “DOWN” button on the customer’s controls at the front of the set, at the same time pressing the “MENU” button on the remote control. The screen that will show is represented by Figure 4.
3. Press both “OFF TIMER” button on the remote control and “DOWN” key button on the control panel.

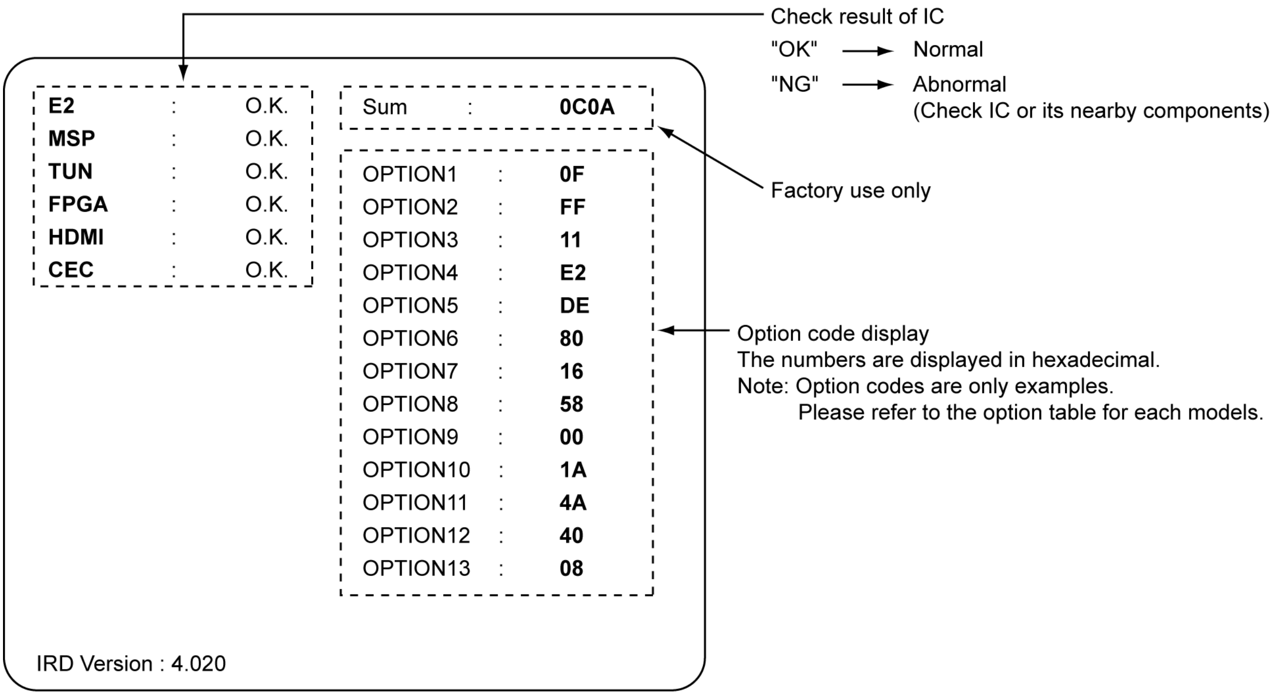


Figure 4

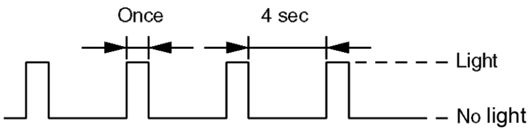
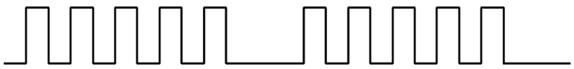
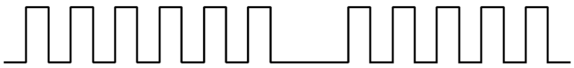
4.2. Power LED Blinking Timing Chart

1. Subject

   Information of LED blinking timing chart.

2. Contents

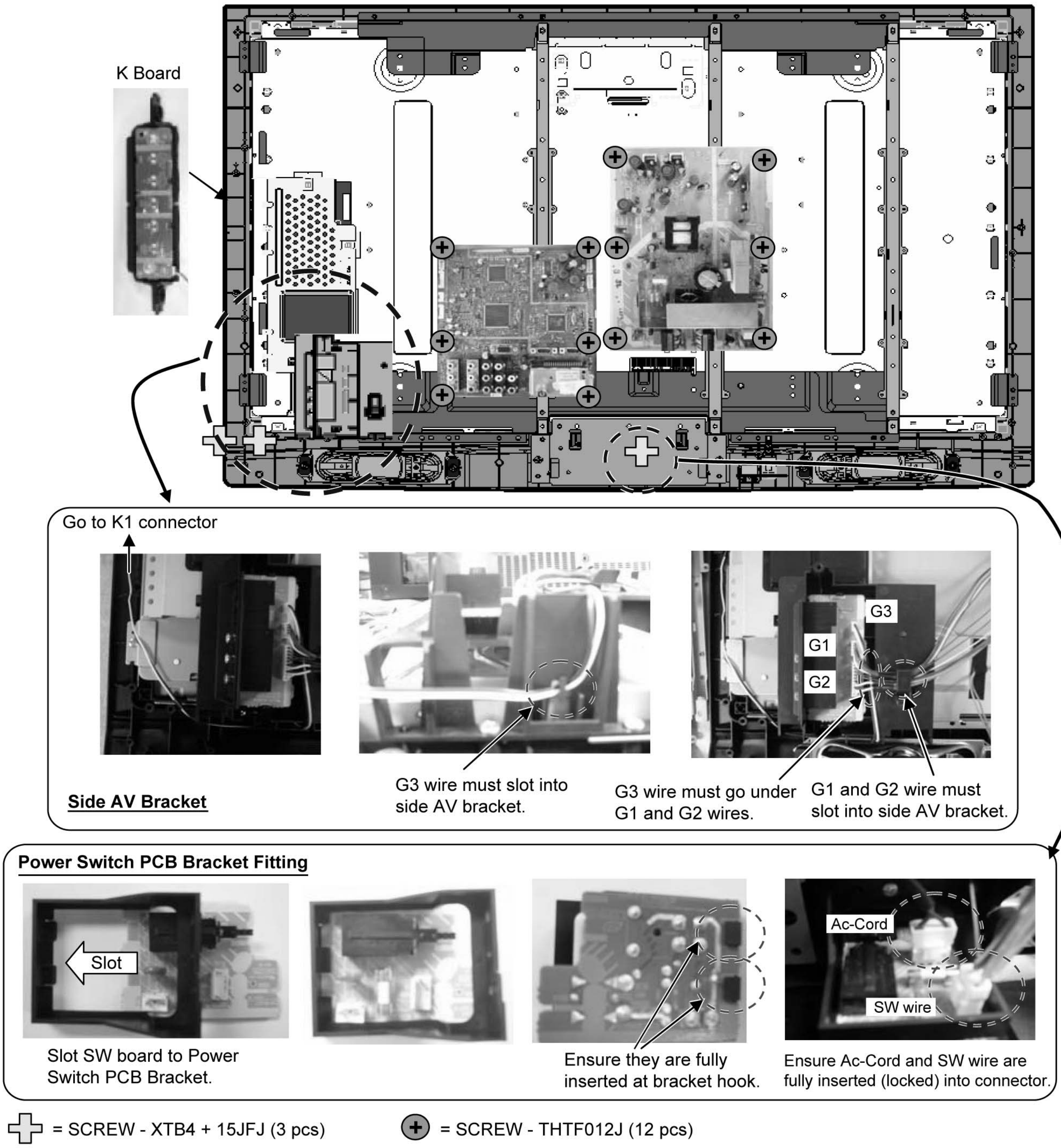
   When an abonormality has occurred in the unit, the protection circuit operates and resets to standby mode. At this time, the defective block can be identified by the number of blinks of the Power LED on the front panel of the unit.

No. of blinks	Blinking timing	Contents	Check point
1		Inverter SOS (24 V line Inverter in LCD panel)	POWER UNIT LCD PANEL
3		SOS BT 30 V/ SOUND 18 V/ PANEL 12 V/	AP-BOARD H-BOARD
4		Sub 9 V	AP-BOARD
5		Sub 5 V	AP-BOARD
6		Main 9 V	AP-BOARD
8		Main 3.3 V	AP-BOARD

5 Chassis Board

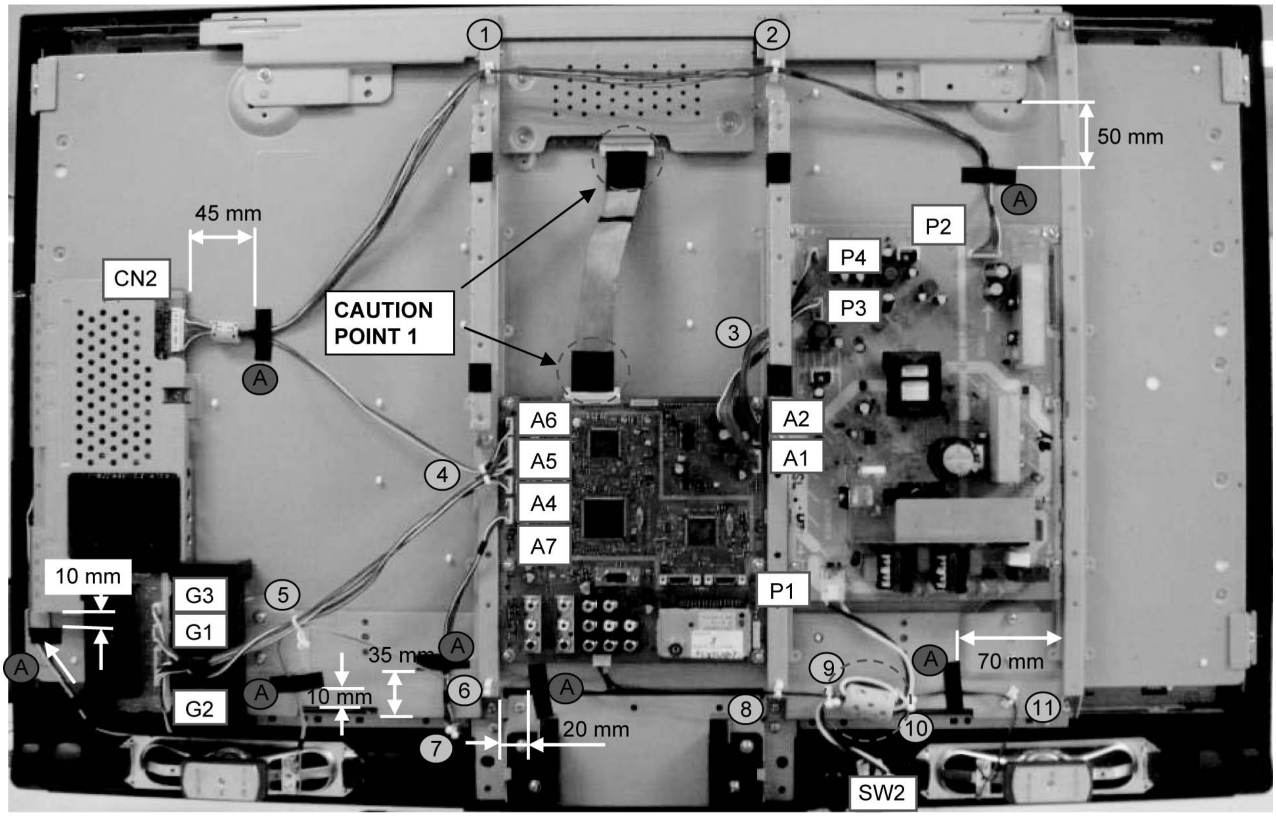
5.1. Chassis Installation

1. Fix 12 screws to ‘A-board’ and ‘P-board’.
   Tightening torque should be 50 Ncm to 80 Ncm (5 kgf cm to 8 kgf cm).
2. Fix connectors G1, G2 and G3 to AT G-board.
3. Fix 2 screws to the side of AV bracket assembly.
   Tightening torque should be 100 Ncm to 130 Ncm (10 kgf cm to 13 kgf cm).
4. Fix 1 screw to cabinet with power switch PCB bracket.
   Tightening torque should be 100 Ncm to 130 Ncm (10 kgf cm to 13 kgf cm).

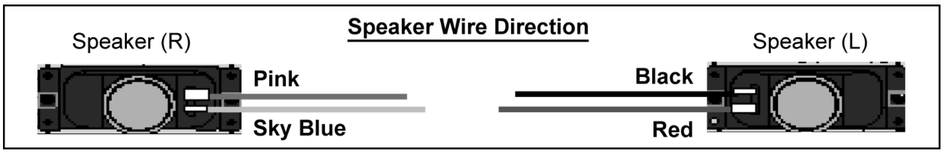


6 Location of Lead Wiring

6.1. Wire Dressing



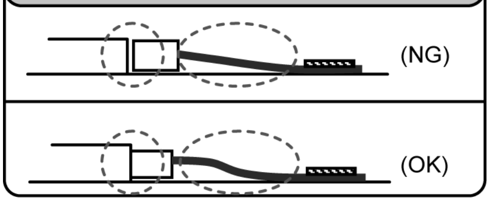
(A) = FELT-TMK4G215 = 7 pcs



6.2. Wire Dressing and Connections

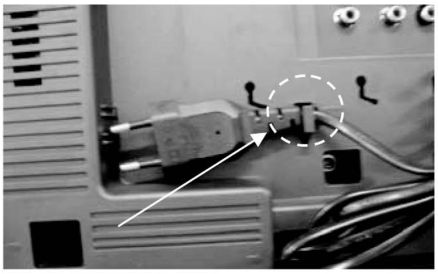
	CONNECTION	1	2	3	4	5	6	7	8	9	10	11				
1	CN 2 ~ P 2	●	●													
2	A 2 ~ P 4			●												
3	A 1 ~ P 3			●												
4	CN 2 ~ A 6				●											
5	G 1 ~ A 4				●	●										
6	G 2 ~ A 5				●	●										
7	V 1 ~ A 7							●								
8	A 12 ~ SPEAKER (L)								●	●	●	●				
9	A 12 ~ SPEAKER (R)					●	●									
10	P 1 ~ SW 2									●	●					

< CAUTION POINT 1 - CONNECTING >
GIVE ATTENTION WHEN CONNECTING THE CONNECTOR SO IT WILL NOT COME OFF.



7 Disassembly for Service

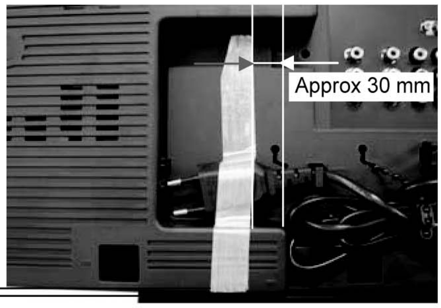
7.1. AC Code dressing for 2-Pin



Slot AC cord at the back cover hook

Slot beads at back cover under the AC cord wire

Final dressing

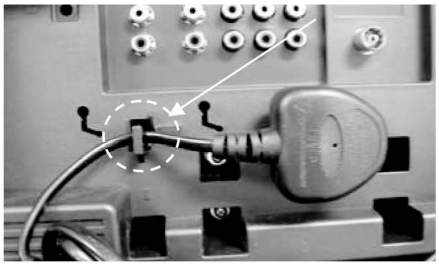


0~0 mm

Stick AC cord at the back cover with filament tape and ensure the tape is sticking onto the back cover by fully rubbing the tape

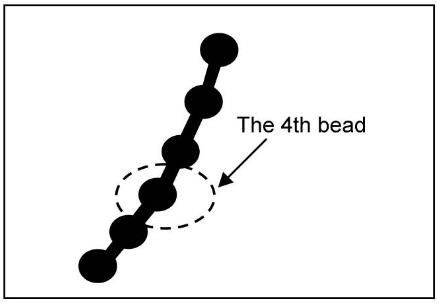
7.2. AC Code dressing for 3-Pin

Fix AC cord into the 3-pin plug hole at the back cover



Slot AC cord at back cover hook

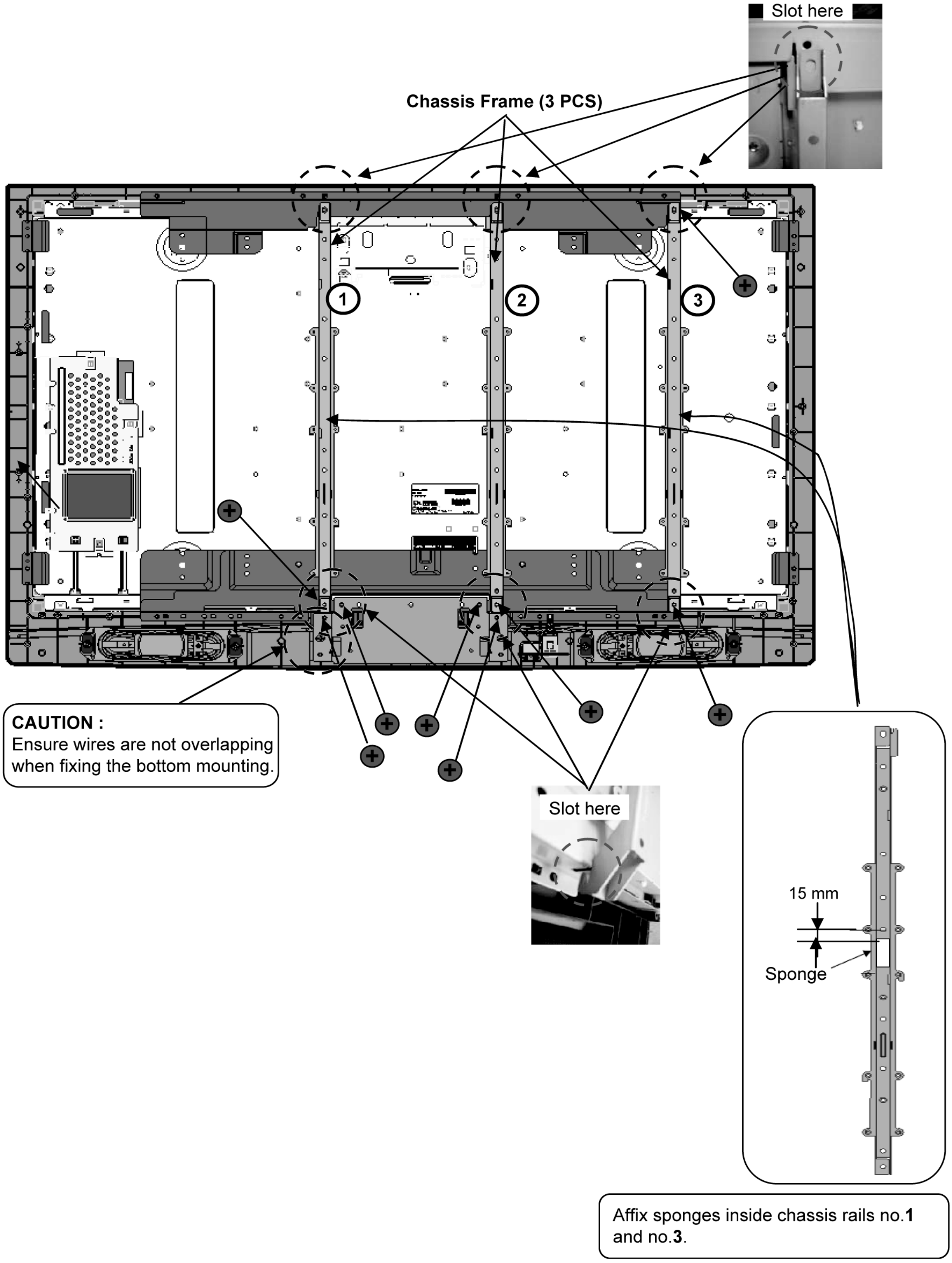
Final dressing



Insert 4th bead into the back cover hole

7.3. Chassis Rail Installation

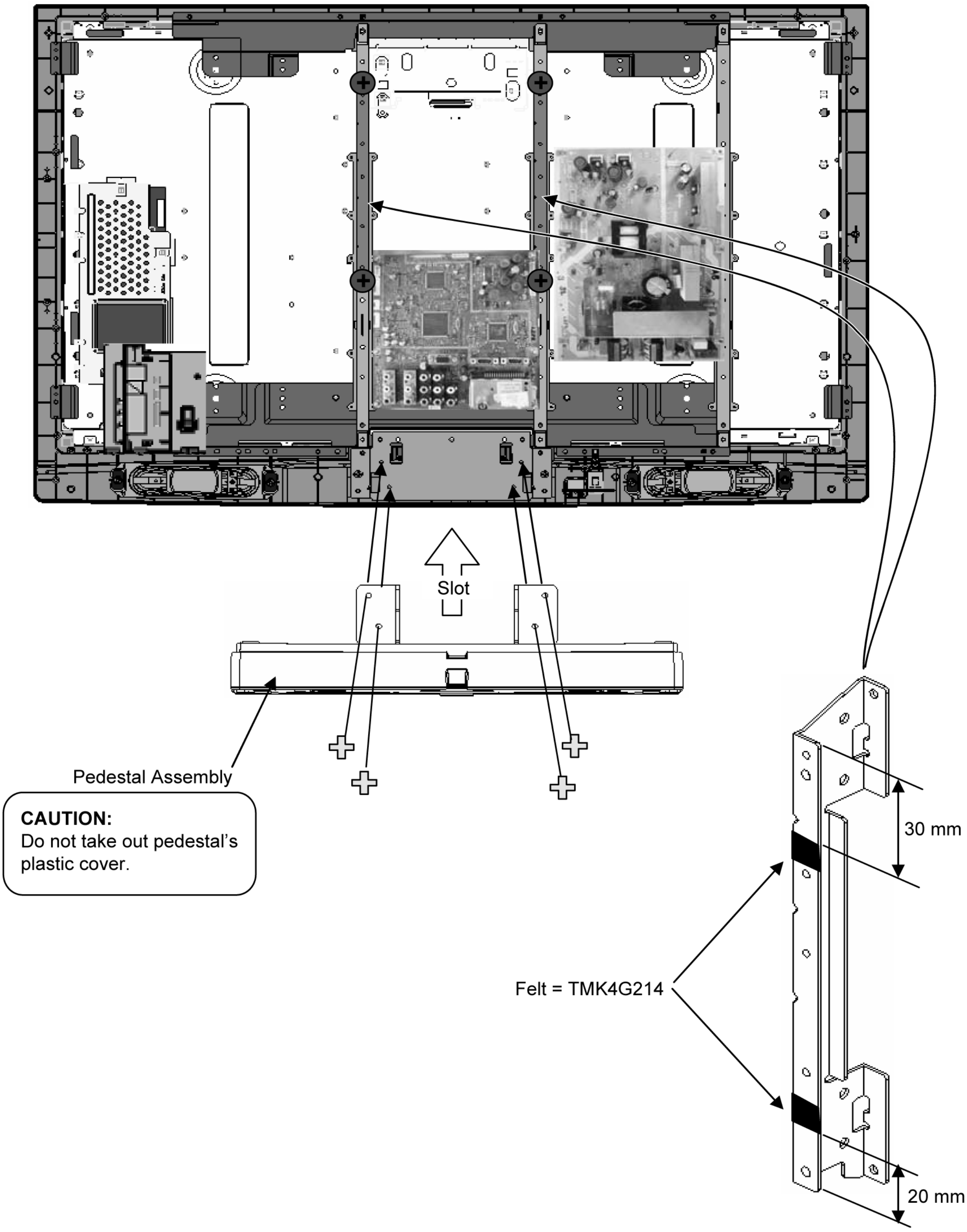
1. Put on the bottom mounting and fix with 4 screws.
   Tightening torque should be 100 N cm - 130 N cm (10 kgf cm to 13 kgf cm).
2. Stick sponges at chassis rails no.1 and no.3.
3. Fix 3 pieces of chassis frames and fix 4 screws to the bottom and top mountings.
   Tightening torque should be 100 N cm - 130 N cm (10 kgf cm to 13 kgf cm).



⊕ = SCREW-XTB4=15JFJ (8 pcs)

7.4. VESA Bracket Installation

1. Stick 2 pieces of felt on each part of the VESA bracket.
2. Fix 4 screws to VESA bracket.
   Tightening torque should be 100 Ncm to 130 Ncm (10 kgf cm to 13 kgf cm).
3. Slot pedestal assembly and fix 4 screws to cabinet.
   Tightening torque should be 100 Ncm to 130 Ncm (10 kgf cm to 13 kgf cm).



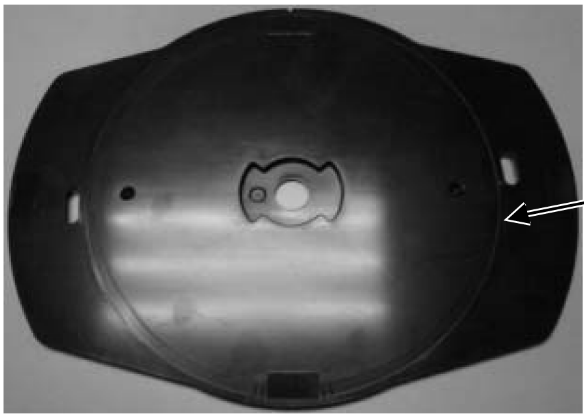
= SCREW-XTB4 + 15JFJ (4 pcs)

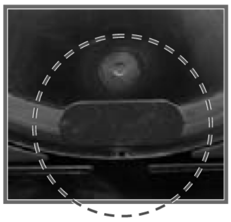
= SCREW-XYN4 + F10FJK (4 pcs)

7.5. Pedestal Assembly Preparation

7.5.1. Pedestal Rotation Base

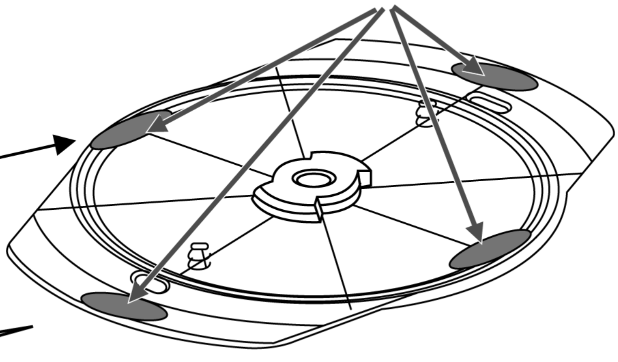
Preparation

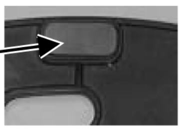




Caution :
Make sure the rubber foot is fully inserted into the base of the guide rib at pedestal rotation to ensure the balance of the pedestal assembly.

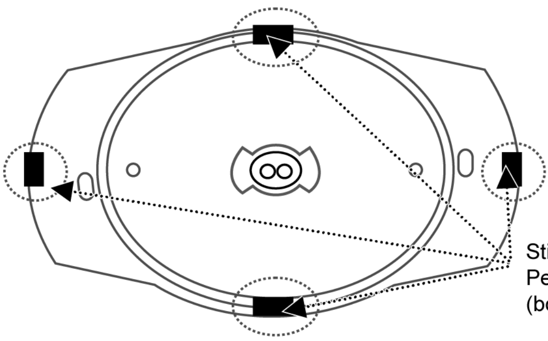
Top view





Affix polyslider (4 pcs) and apply grease on top of all polysliders.

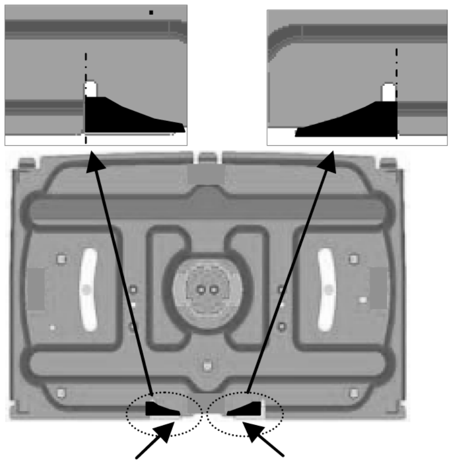
Bottom view



7.5.2. Pedestal Stand Base

Preparation

Bottom view

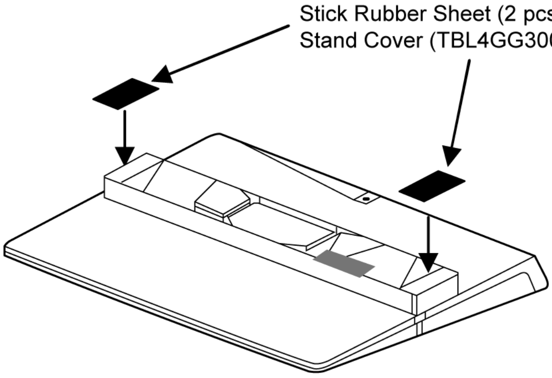


Stick Protection Rubber (R) 1 pc (TBL4GG3004). Stick Protection Rubber (L) 1 pc (TBL4GG3003).

7.5.3. Pedestal Stand Cover

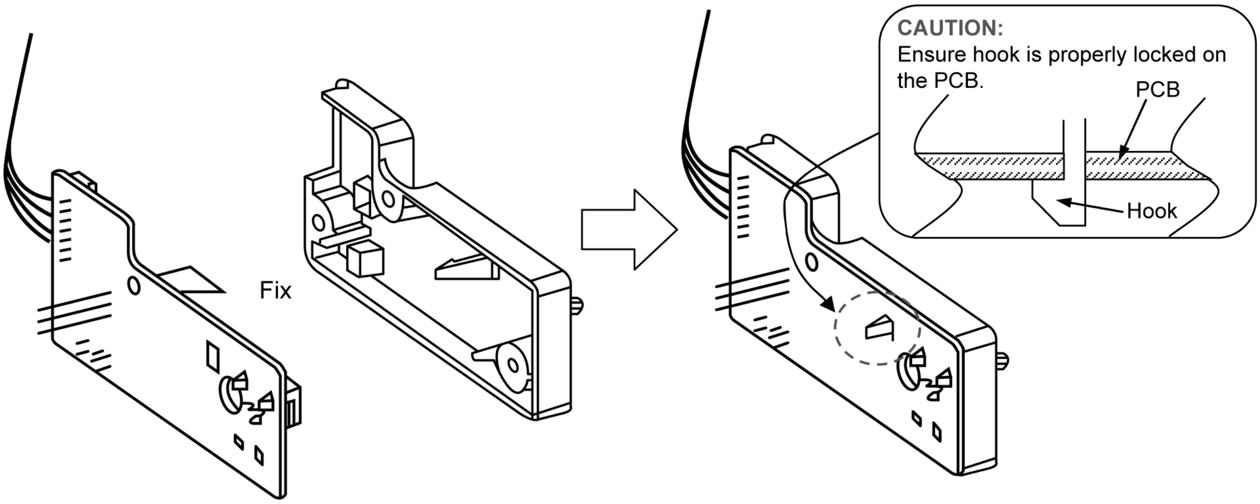
Preparation

Stick Rubber Sheet (2 pcs) at Pedestal Stand Cover (TBL4GG3002).

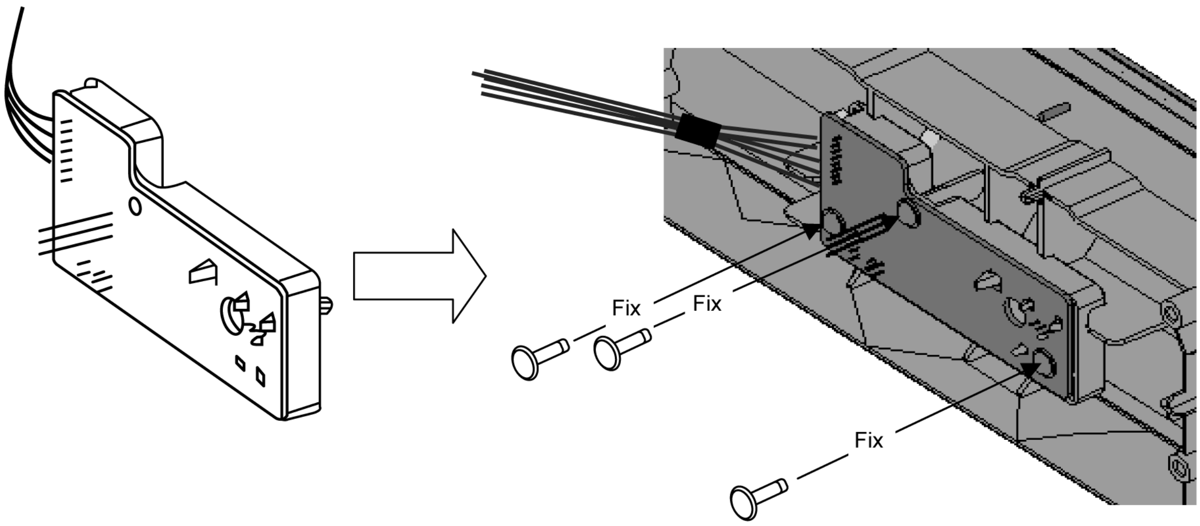


7.6. LED Panel Installation

1. Put PCB to LED panel and ensure hook is properly locked on the PCB.

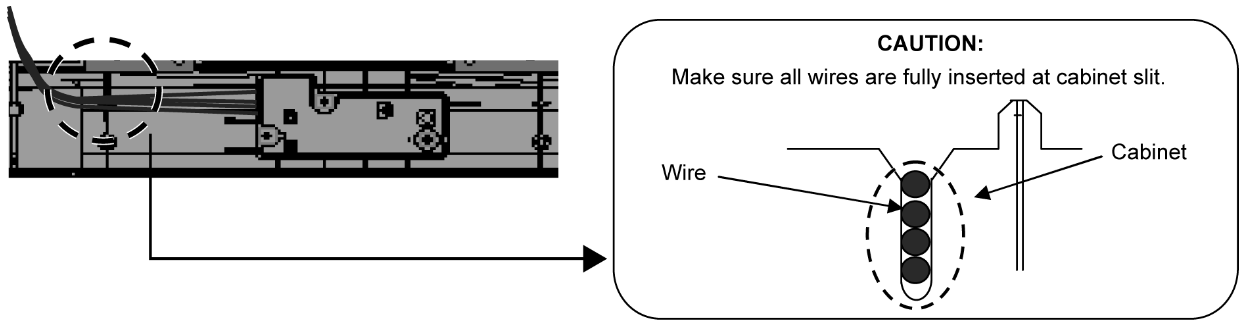


2. Fix LED panel to cabinet with 3 screws.
   Tightening torgue should be 0.5 N m ~ 0.8 N m (5 to 8 kgf cm).



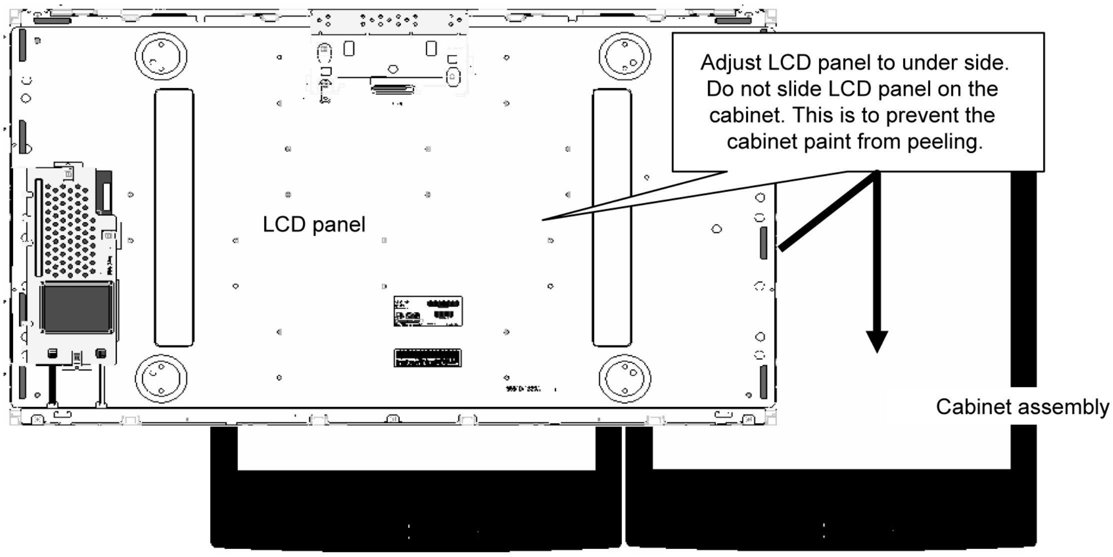
 = Screw - XTW3 + 10TFJ (3 pcs)

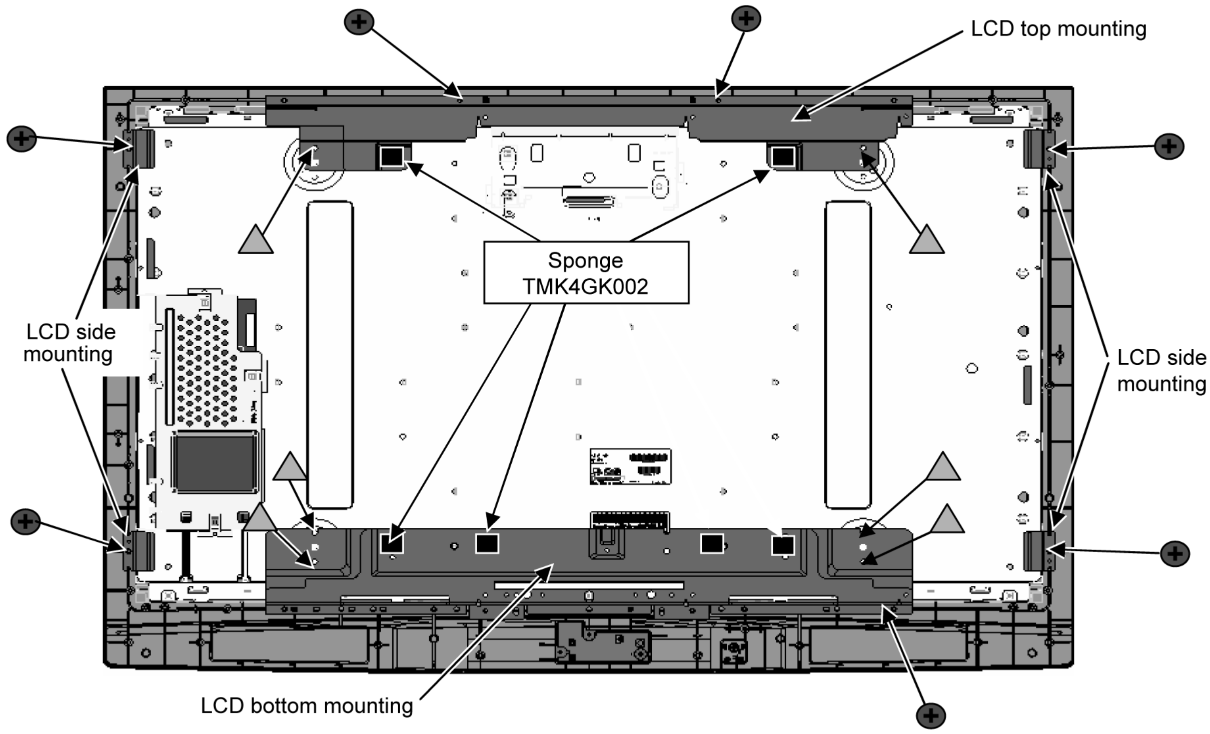
3. Fix wires at cabinet slit and make sure all wires are fully inserted to avoid contact with the pedestal metal.



7.7. LCD Panel Assembly Installation

1. Put LCD panel to cabinet assembly.
2. Put LCD top mounting, LCD bottom mounting and LCD side mounting to cabinet assembly.
3. Fix screw into LCD top mounting, LCD side mounting and LCD bottom mounting.
   Tightening torque should be 100 N cm ~ 130 N cm (10 kgf cm to 13 kgf cm).
4. Stick sponges at top mounting and bottom mounting.





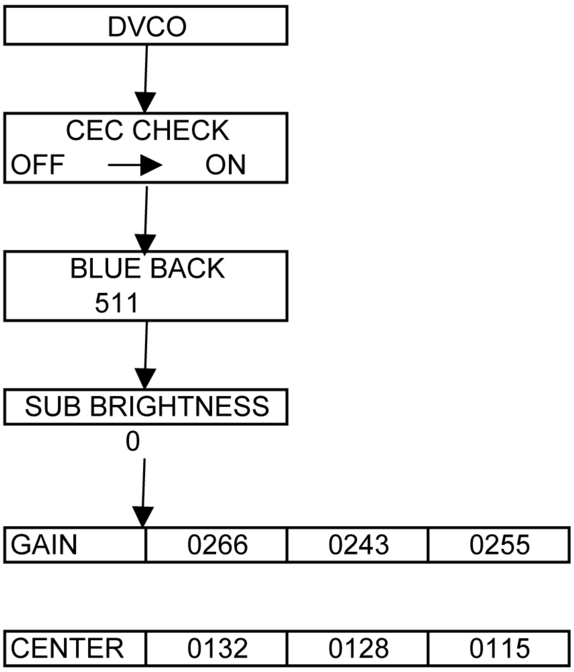
= SCREW - XTB4 + 15JFJ (7 pcs), = SCREW - XYN4 + F6FJ (6 pcs), = SPONGE (6 pcs)

8 Service Mode Adjustment

Set channel 99, then set the timer to 30 min. Press the “RECALL” button on the remote control and the “-” button on the LCD panel.

8.1. SERVICE 1

1. Press the red button (on the remote control) for adjustment below.



8.2. SERVICE 2

1. Select CEC CHECK mode in service 1, then press the “HOLD” button (on the remote control) to enter service 2.

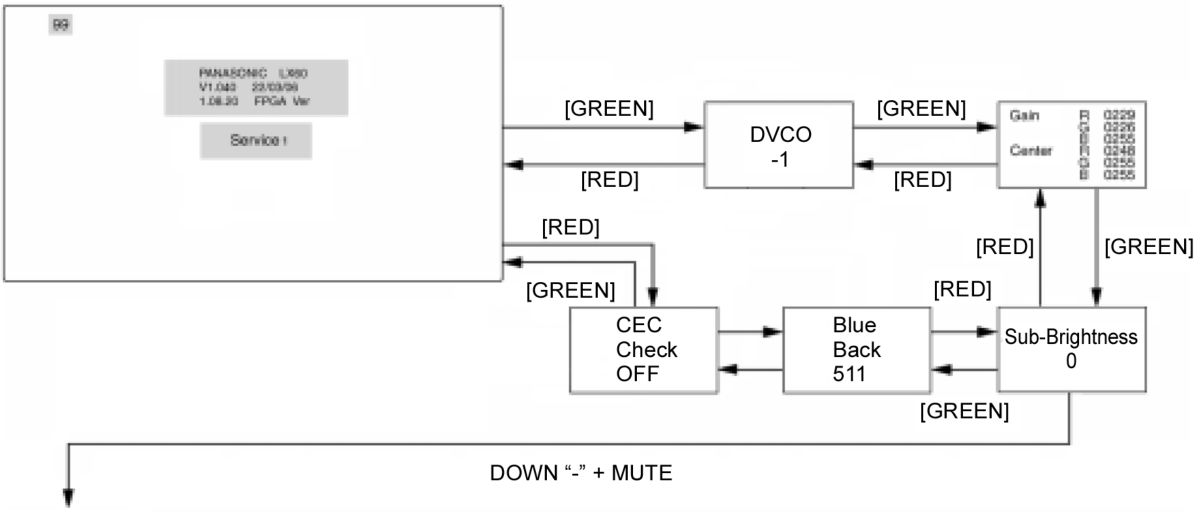
8.3. Self Check Mode

1. Press the “TIMER” button (on the remote control) and the “DOWN” button on the LCD panel.
2. Press the “NORMALIZE” button (on the remote control) to Exit.

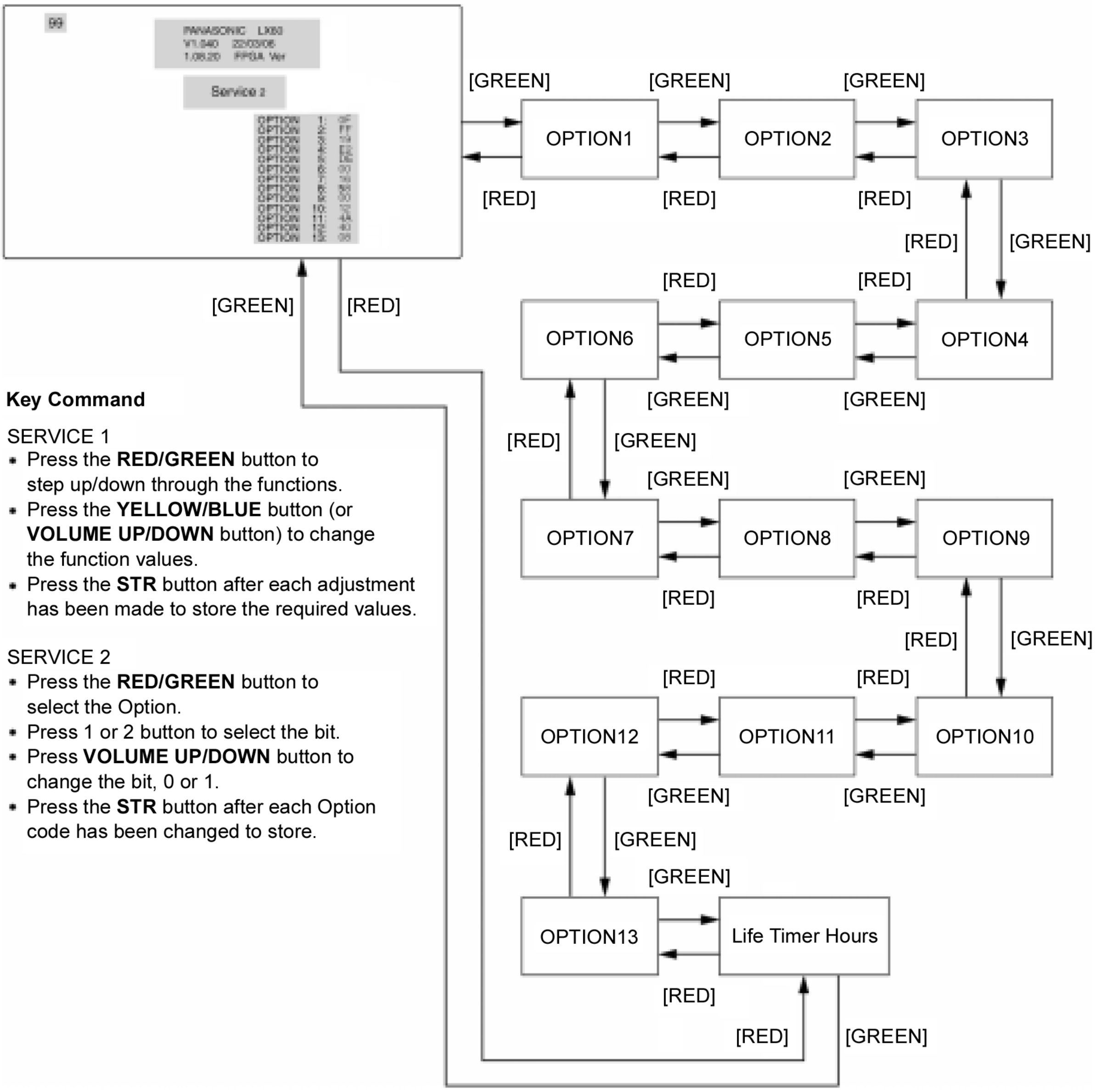
8.4. Hotel Mode Adjustment

1. Press the “VOLUME DOWN” button on the TV panel while pressing the “TV/AV” button on the remote control.
2. Press the “MENU” button on the remote control to Exit the Hotel Mode Function.

SERVICE 1



SERVICE 2



Key Command

SERVICE 1

- Press the **RED/GREEN** button to step up/down through the functions.
- Press the **YELLOW/BLUE** button (or **VOLUME UP/DOWN** button) to change the function values.
- Press the **STR** button after each adjustment has been made to store the required values.

SERVICE 2

- Press the **RED/GREEN** button to select the Option.
- Press 1 or 2 button to select the bit.
- Press **VOLUME UP/DOWN** button to change the bit, 0 or 1.
- Press the **STR** button after each Option code has been changed to store.

9 Adjustment

9.1. Voltage Chart of A Board

Power Name	Test point	Specification	
		ON	STANDBY
MAIN_5 V	TP1823	5.0 ± 0.25 V	-
PANEL_12 V	TP1815	12.0 ± 0.50 V	-
BT_30 V	TP1820	30.0 V ± 2.0 V	-
24 V	TP1818	24.0 ± 1.2 V	-
MAIN_8 V	TP1822	8.15 V ± 0.4 V	-
STB_6 V	TP1805	6.0 V ± 0.25 V	6.0 V ± 0.25 V
STB_3.3 V	TP1835	3.30 ± 0.17 V	3.30 ± 0.17 V
STB_1.8 V	TP1837	1.89 ± 0.09 V	1.89 ± 0.09 V
SOUND_13.3 V	TP1816	13.3 ± 0.6 V	-

9.2. Voltage Chart of P board

Power Name	Test point	Specification	
		ON	STANDBY
MAIN_5 V	TPP008	5.0 ± 0.25 V	-
PANEL_12 V	TPP005	12.0 ± 0.50 V	-
BT_30 V	TPP015	30.0 V ± 2.0 V	-
24 V	TPP007	24.0 ± 1.2 V	-
MAIN_8 V	TPP006	8.15 V ± 0.4 V	-
STB_6 V	TPP013	6.0 V ± 0.25 V	6.0 V ± 0.25 V
STB_3.3 V	TPP009	3.30 ± 0.17 V	3.30 ± 0.17 V
SOUND_13.3 V	TPP002	13.3 V ± 0.6 V	-

9.3. DVCO Adjustment

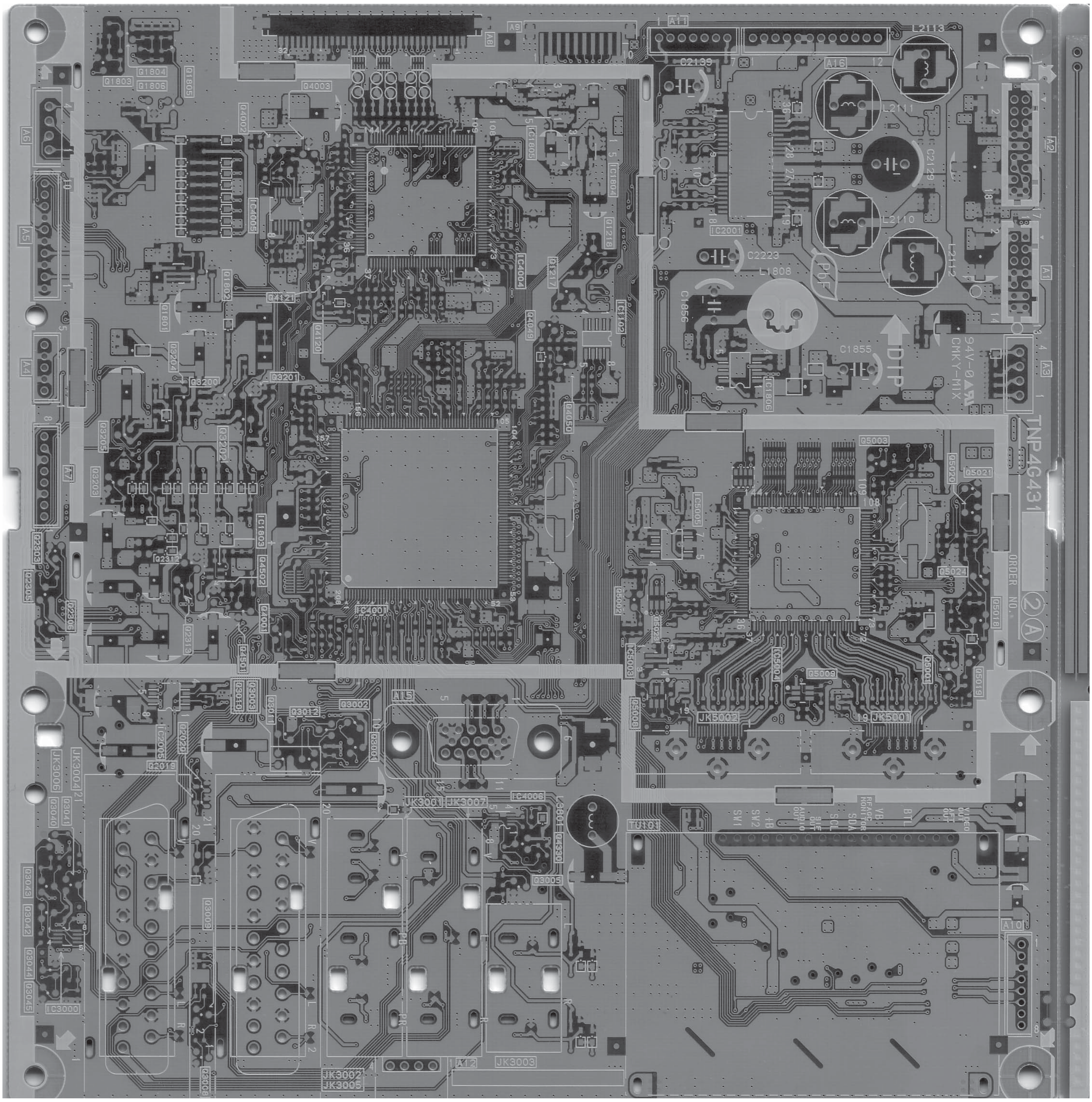
Measuring instrument	Instrument name	Connect to	Remarks
	1. Remote control composite output device	AVI AV input terminal	
Adjust	**Procedure**		**Remarks**
	<DVCO Adjustment> 1. AVI PAL/fp = 4.43361875 MHz Receive the colour bar pattern at AVI composite video. *Signal generator : PAL/fp = 4.43361875 MHz (ref.) 2. Service 1 Go to “DVCO” under Service 1 by pressing “FA” + “4” on the remote control. 3. Perform automatic adjustment of DVCO using the blue key. (About 3 sec.) *DVCO (START) The display colour of DVCO shows as black (START) → red (under adjustment) → black (completion)		RF/PAL [Another method] Receive the PAL colour bar pattern at RF. EEPROM Address of DVCO Adjustment value 238 ~ 239

10 Conductor Views

10.1. A-Board

A-Board (A Side)

TNP4G431



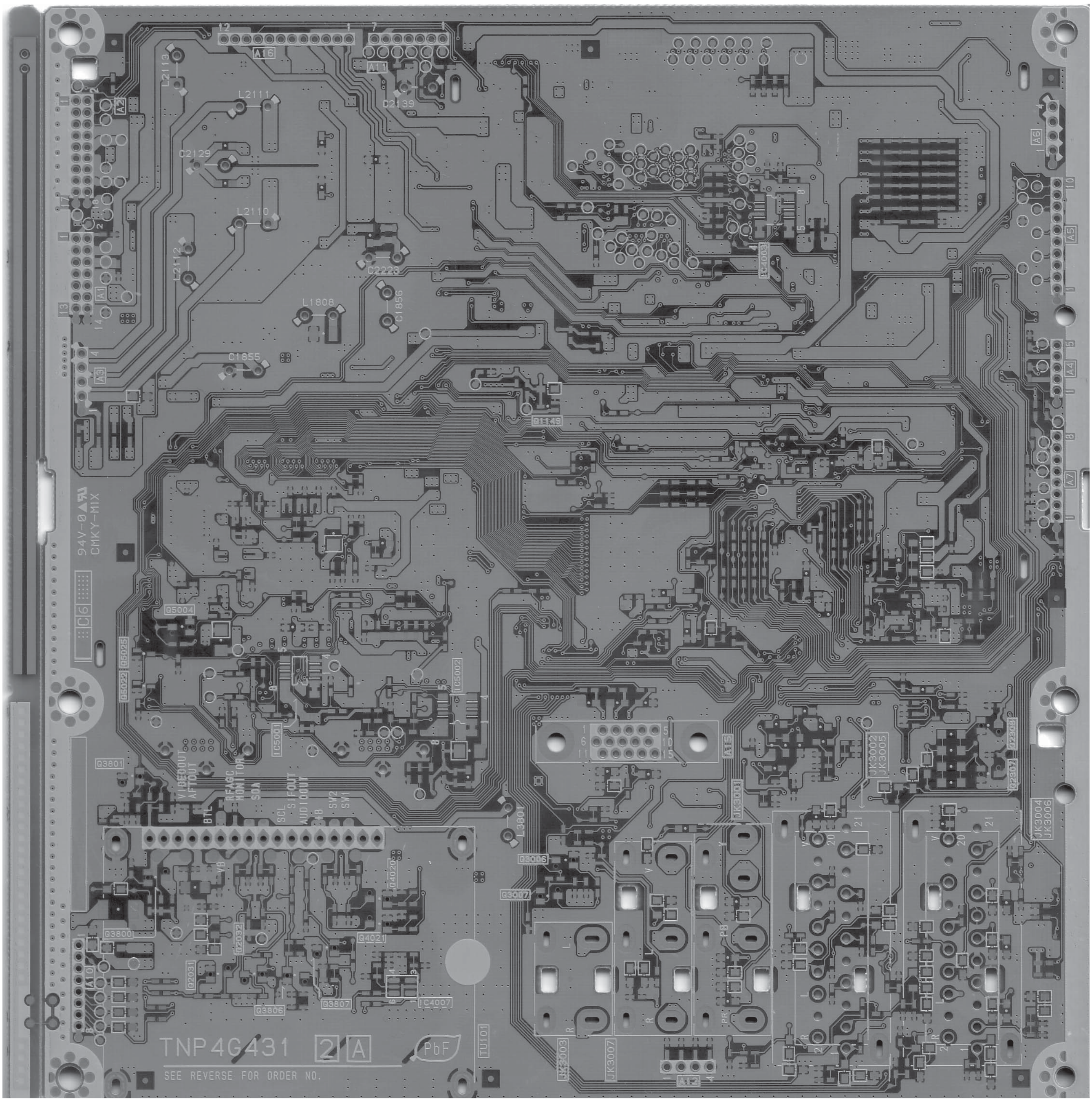
Parts Location

A-Board		A-Board		A-Board		A-Board	
IC		IC		IC		IC	
IC4006		IC5004		IC4001		IC2005	
IC1804		IC5005		IC4005		IC2001	
IC1805		IC1102		IC1803			
IC5003		IC4004		IC3860			

10.2. A-Board

A-Board (B Side)

TNP4G431



Parts Location

A-Board	
IC	
IC5002	
IC5001	
IC4003	

11 Schematic Diagram

11.1. Schematic Diagram Notes

Important Safety Notice

Components identified by ⚠ mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.

Notes :

1. **Resistor**
   Unit of resistance is OHM [Ω] (K = 1 000, M = 1 000 000).

2. **Capacitor**
   Unit of capacitance is μF unless otherwise noted.

3. **Coil**
   Unit of inductance is μF unless otherwise noted.

4. **Test Point**
   : Test Point position

5. **Earth Symbol**
   : Chassis Earth (Cold) : Line Earth (Hot)

6. **Voltage Measurement**
   Voltage is measured using DC voltmeter.
   Conditions of the measurement are the following :
   Power Source....................AC AUTO 110-240 V, 50/60 Hz
   Receiving Signal................Colour Bar signal (RF)
   All customer's controls.......Maximum positions

7. Number in red circle indicates waveform number.
   (See waveform pattern table)

8. When an arrow mark ( ) is found, connection is easily found from the direction of the arrow.

9. Indicates the major signal flow: Video ➡ Audio ⇨

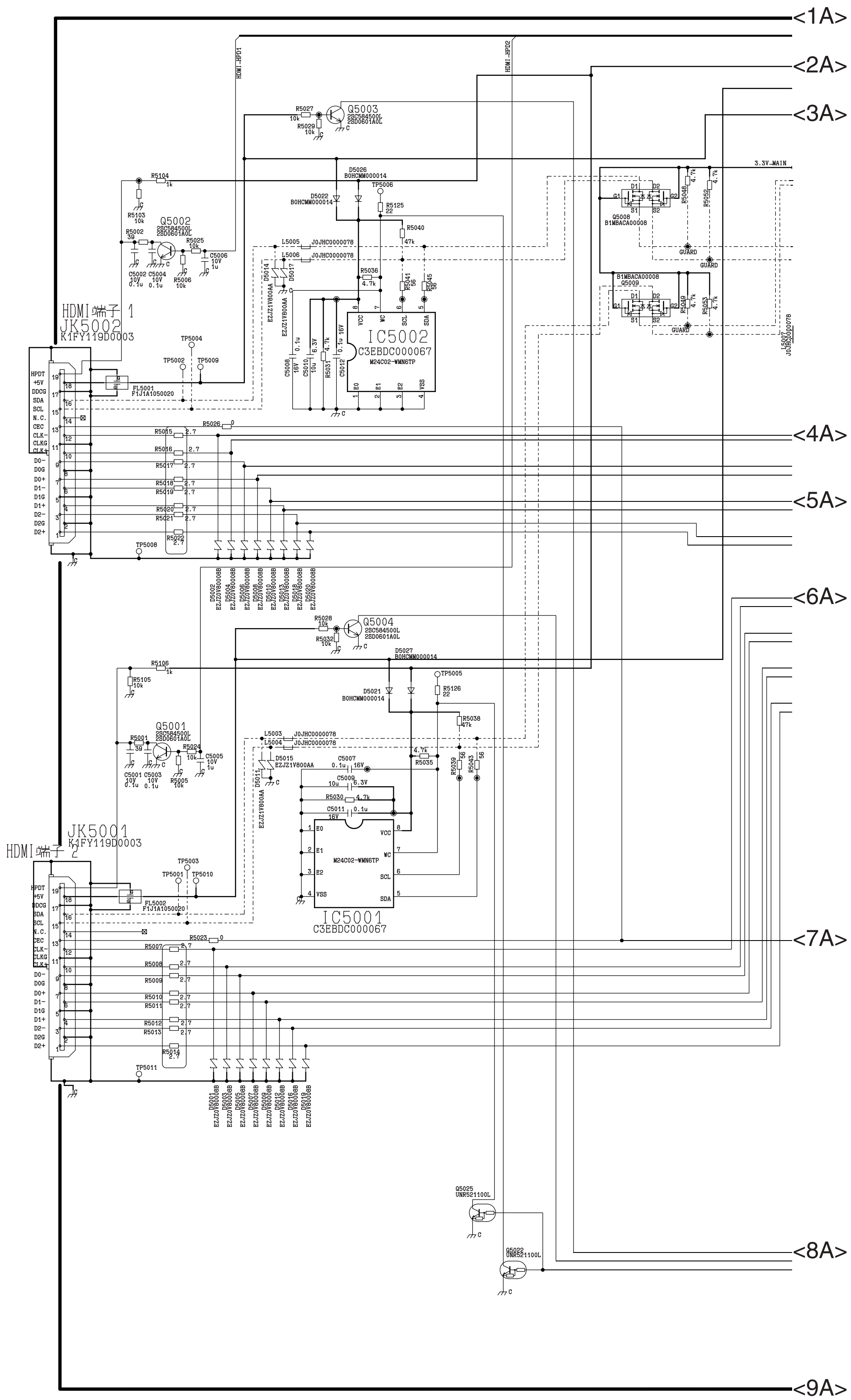
10. This schematic diagram is the latest at the time of printing and subject to change without notice.

Remarks :

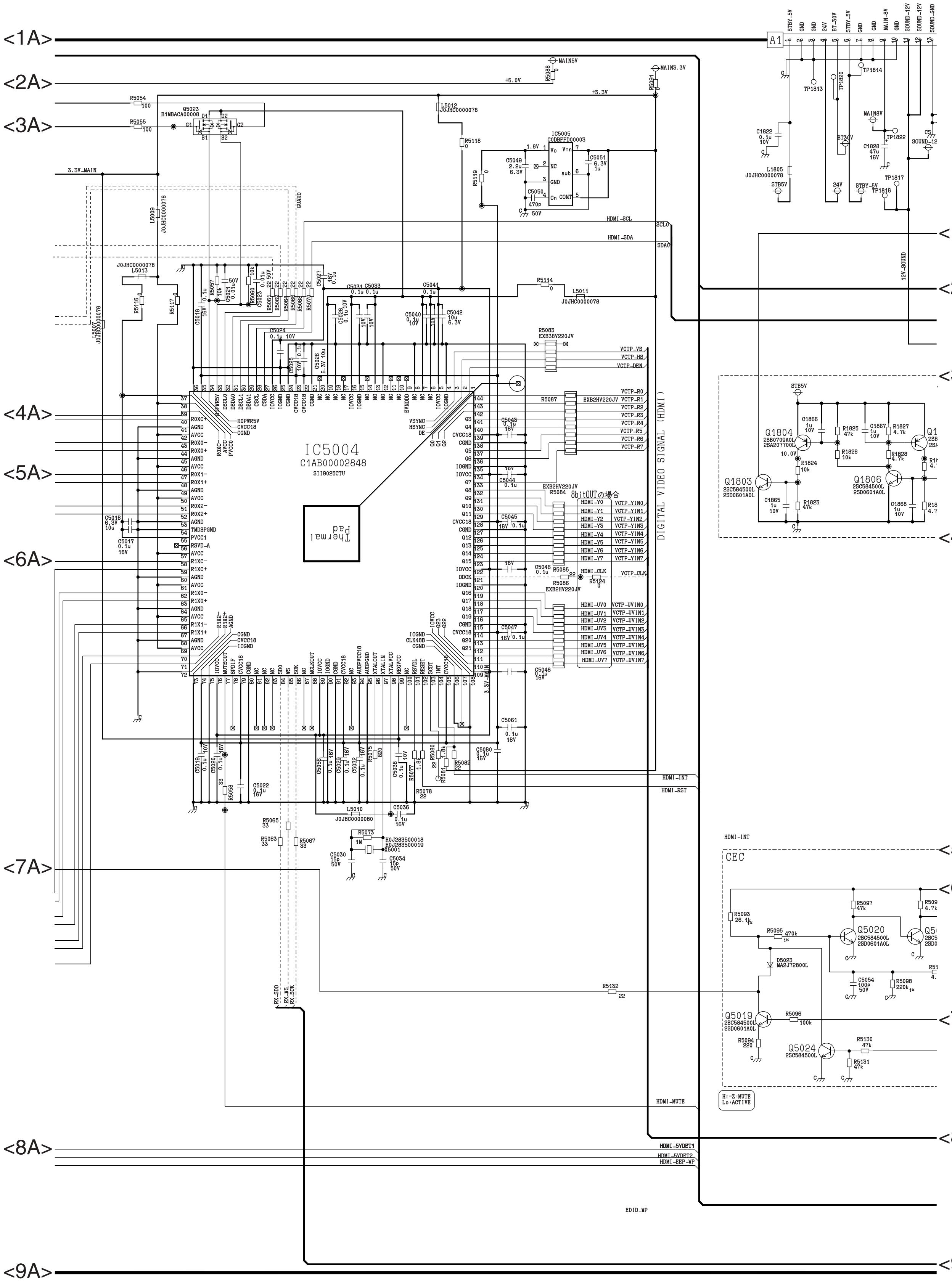
1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.
   The circuit is defined by HOT and COLD indications in the schematic diagram. Take the following precautions:
   All circuits, except the Power Circuit are cold.
   Precautions:
   a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
   b. Do not short-circuit the hot and cold circuits or a fuse may blow and parts may break.
   c. Do not connect an instrument such as an oscilloscope to the hot and cold circuits simultaneously or a fuse may blow.
   Connect the earth of instruments to the earth connection of the circuit being measured.
   d. Make sure to disconnect the power plug before removing the chassis.

11.2. A Board

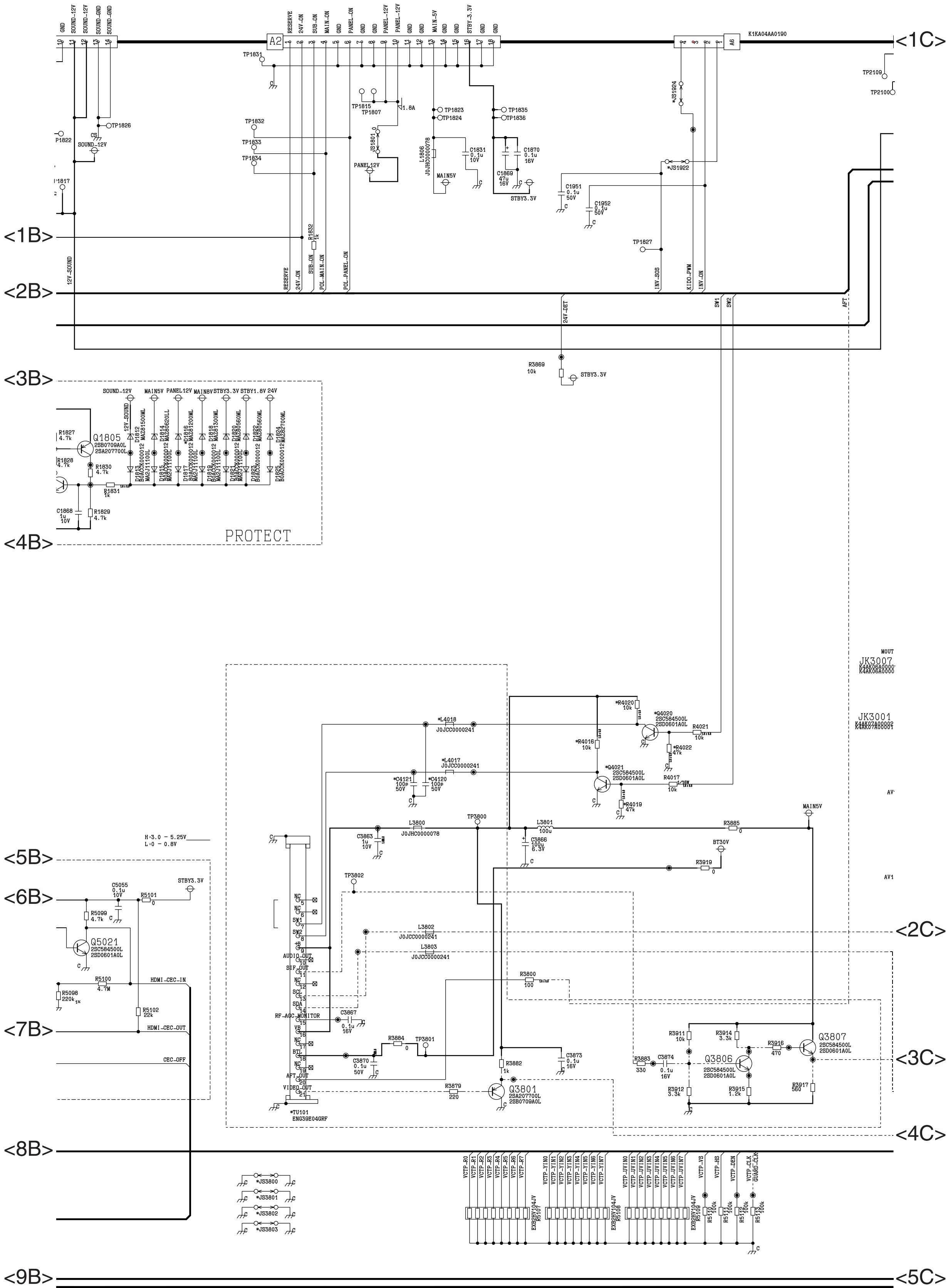
11.2.1. A Board (1 / 10)



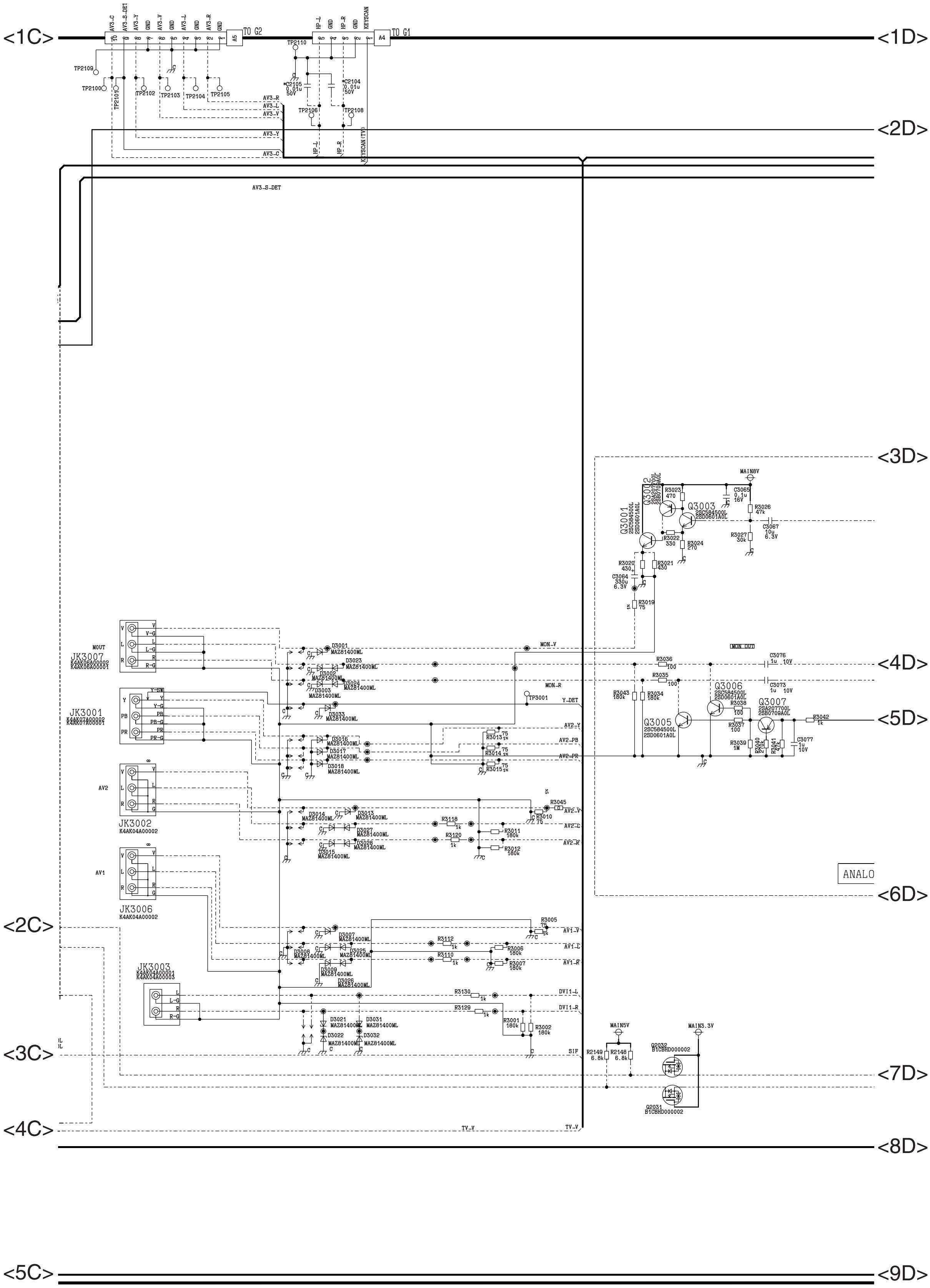
11.2.2. A Board (2 / 10)



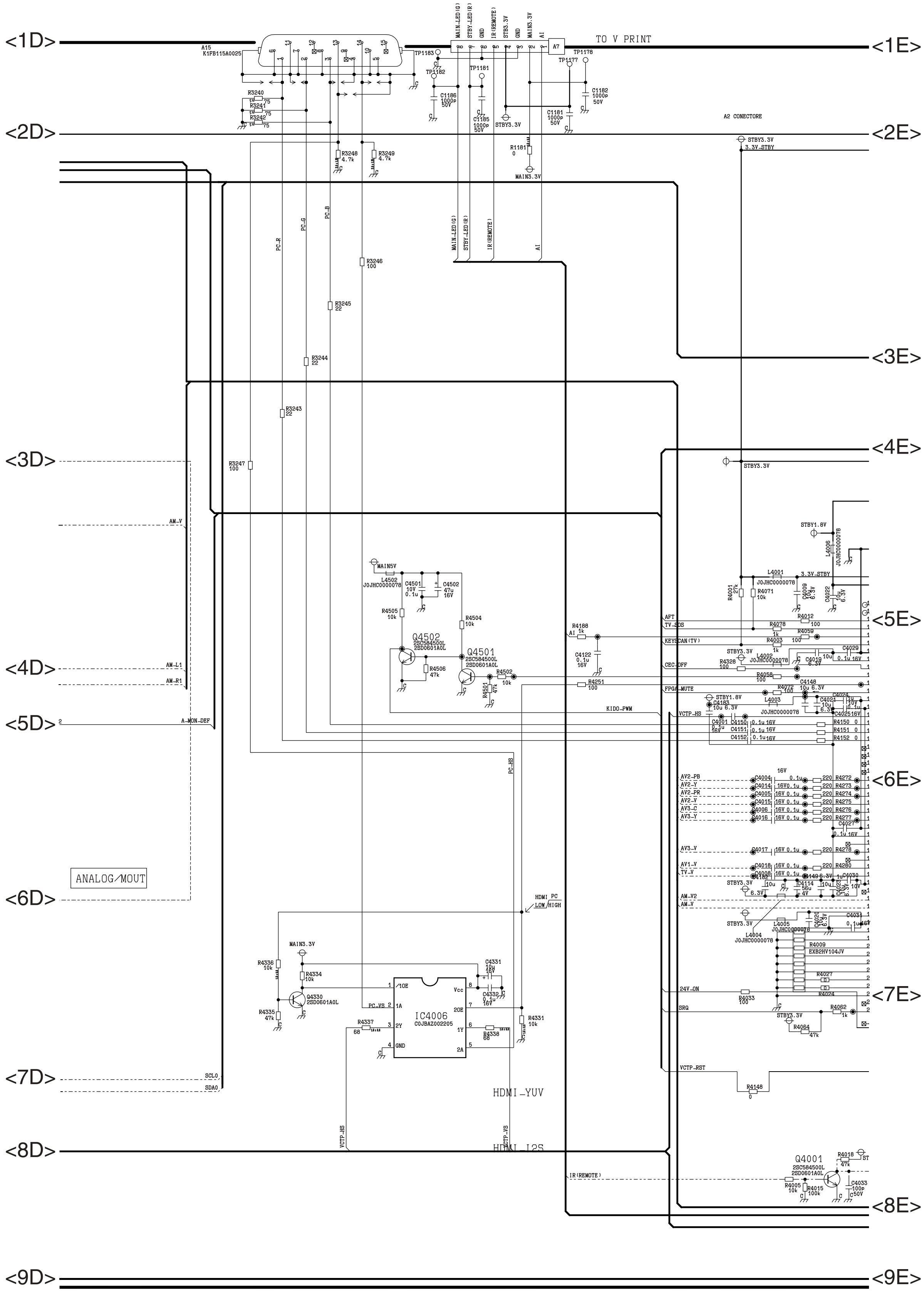
11.2.3. A Board (3 / 10)



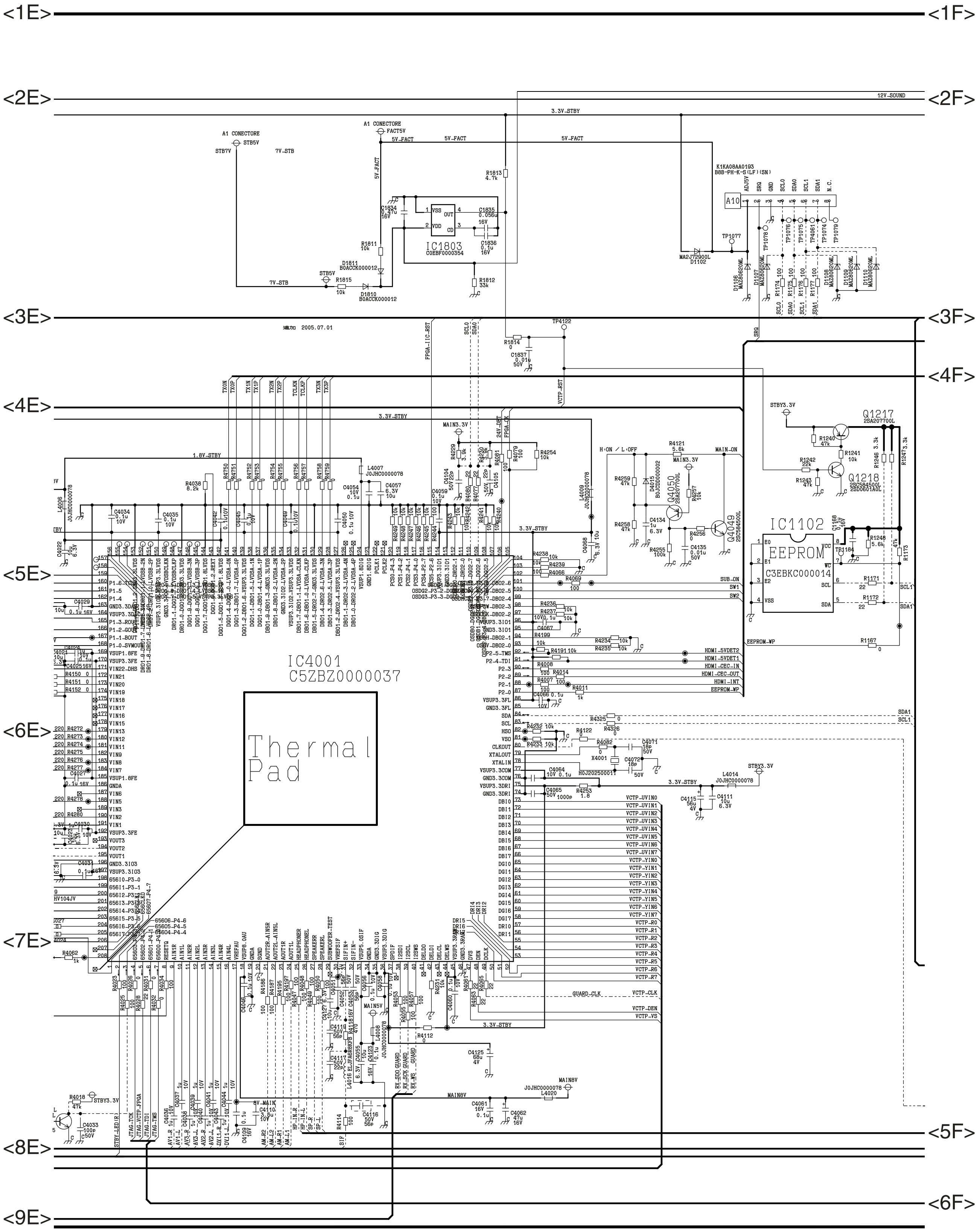
11.2.4. A Board (4 / 10)



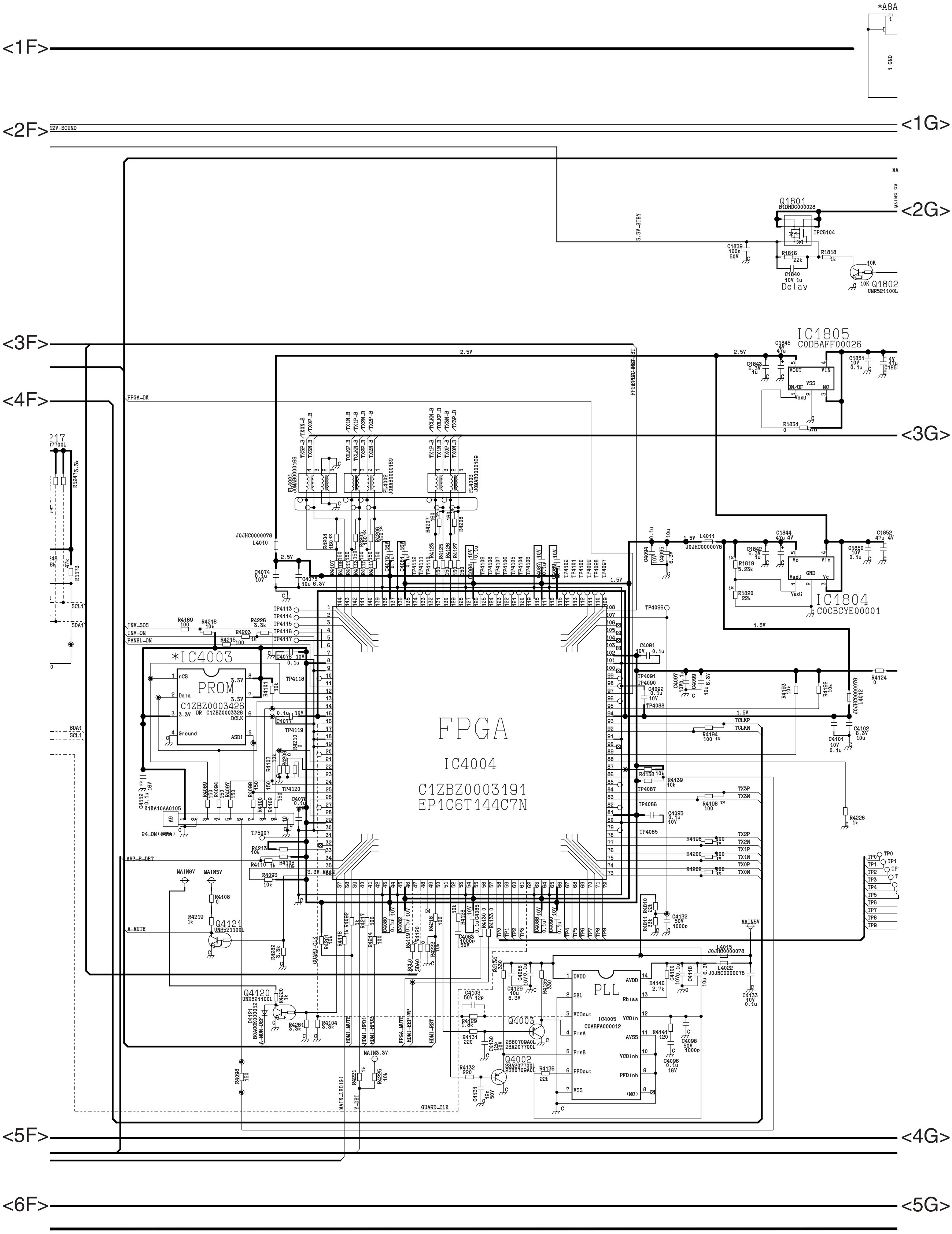
11.2.5. A Board (5 / 10)



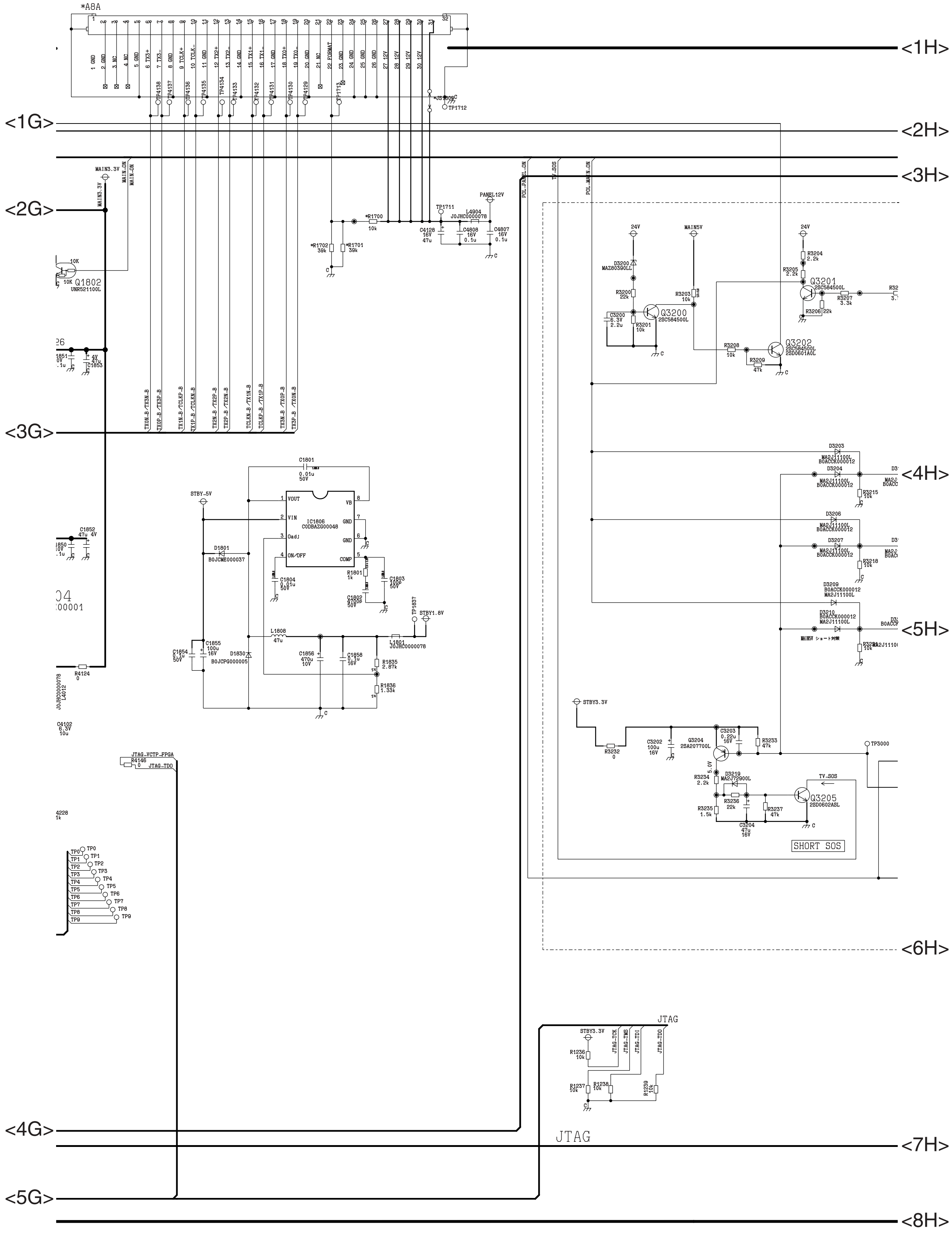
11.2.6. A Board (6 / 10)



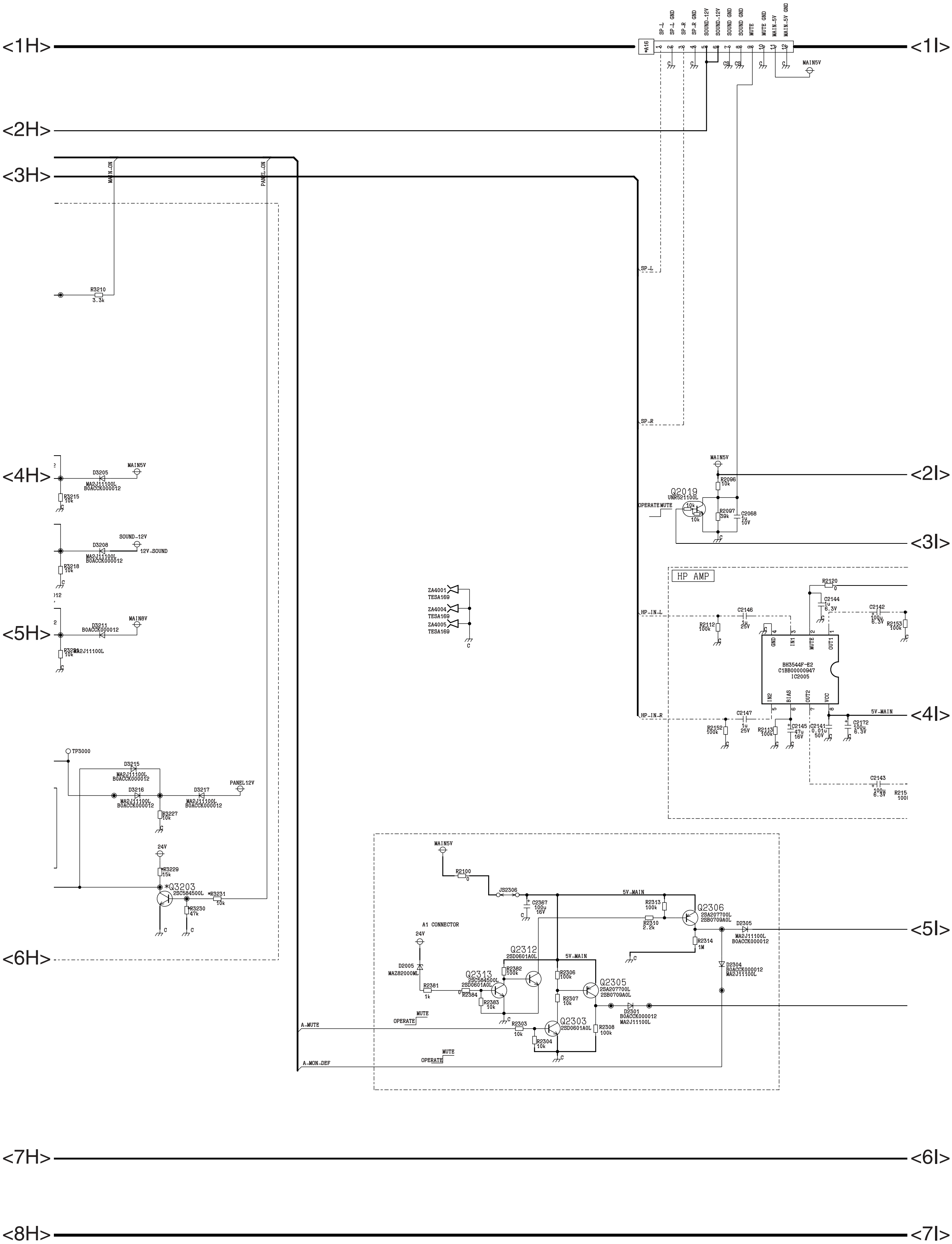
11.2.7. A Board (7 / 10)



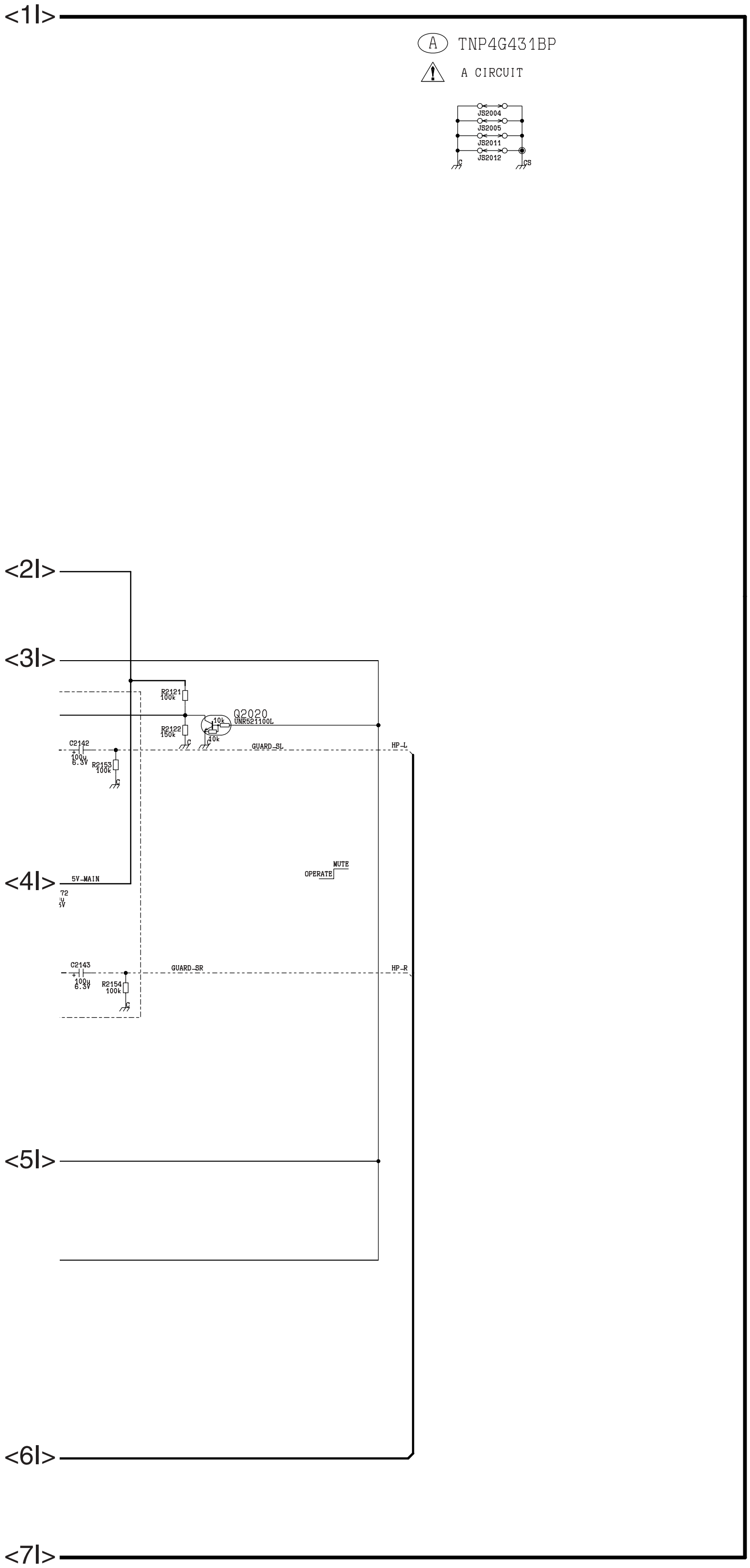
11.2.8. A Board (8 / 10)



11.2.9. A Board (9 / 10)

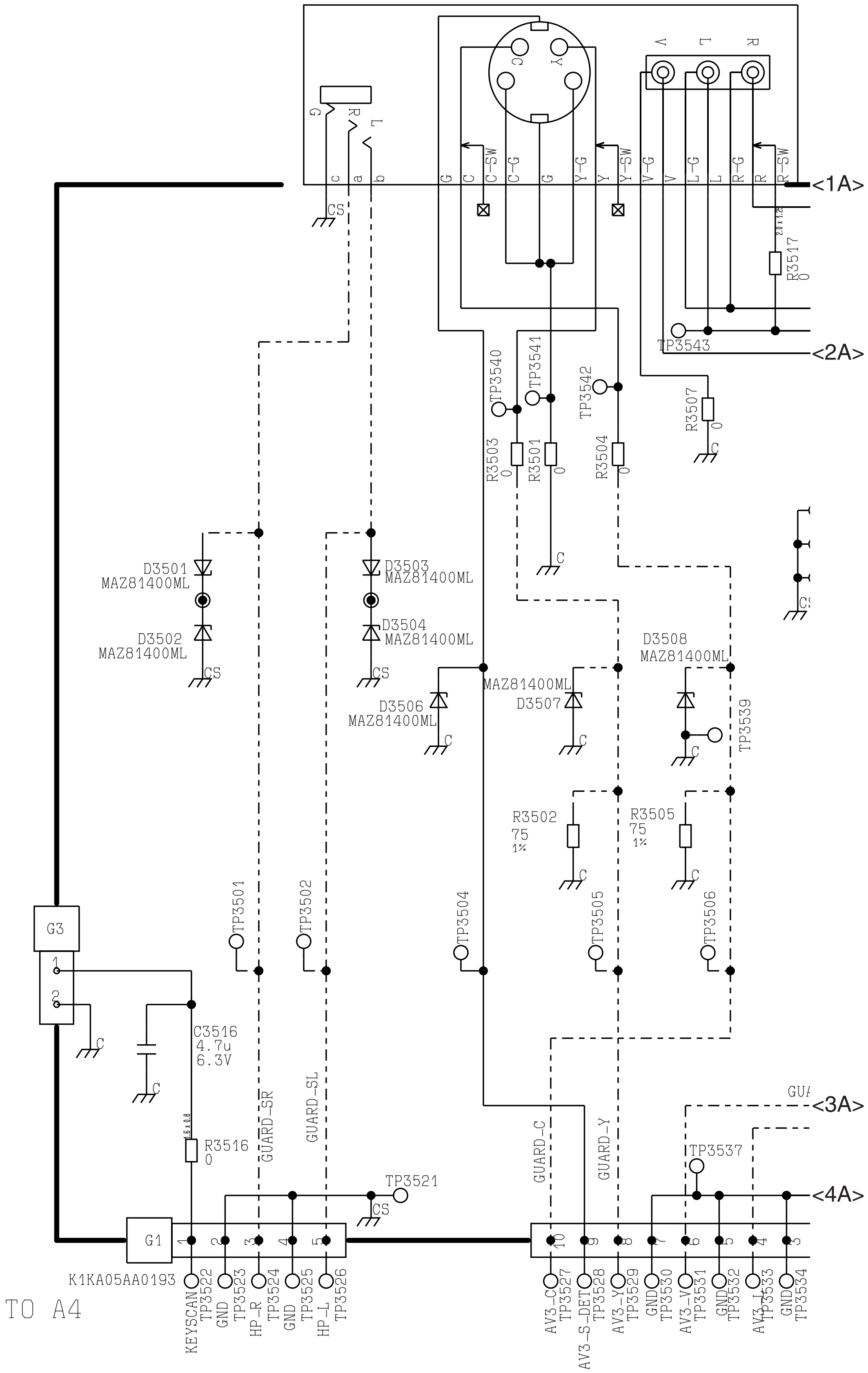


11.2.10. A Board (10 / 10)

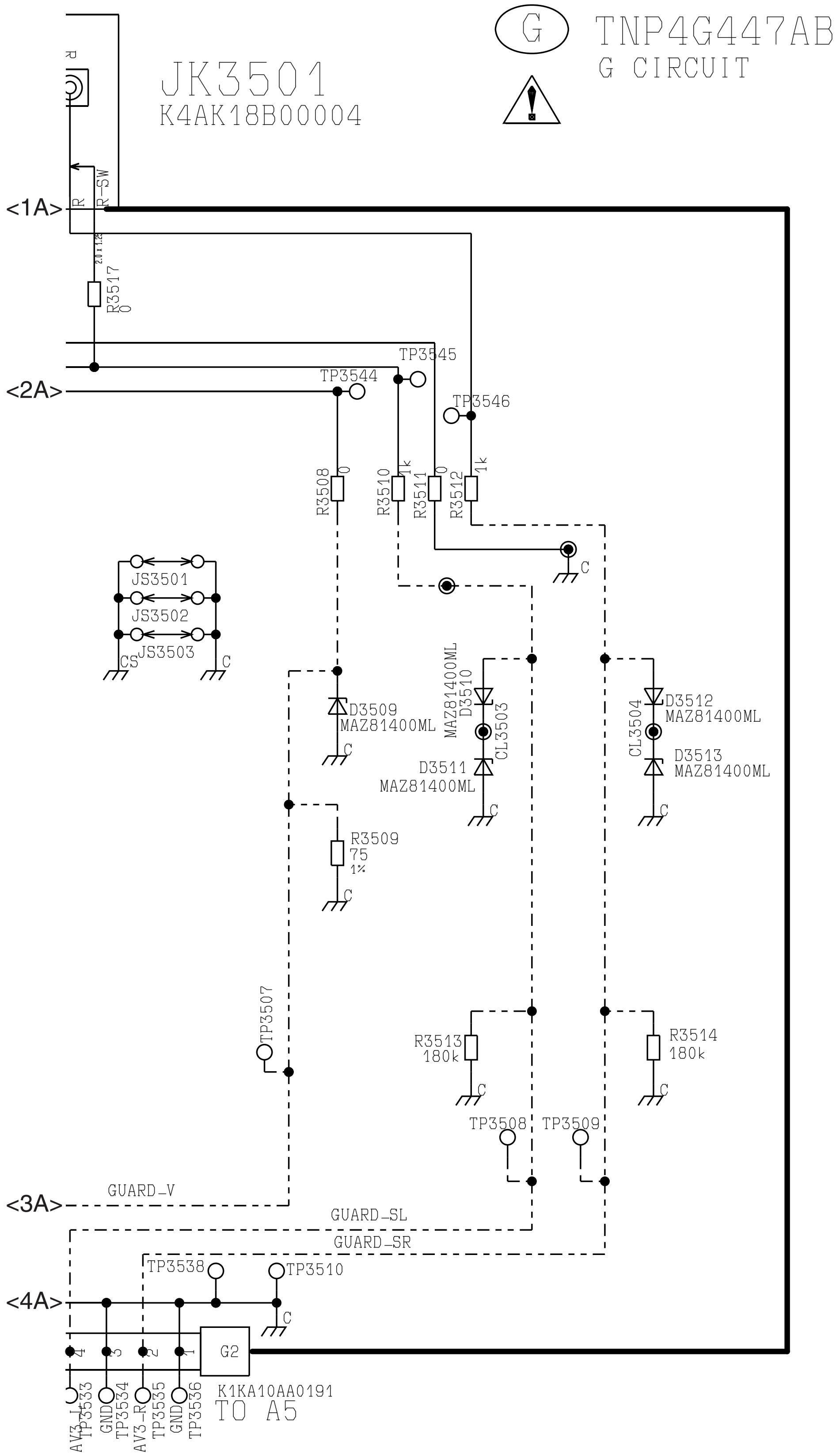


11.3. G Board

11.3.1. G Board (1 / 2)

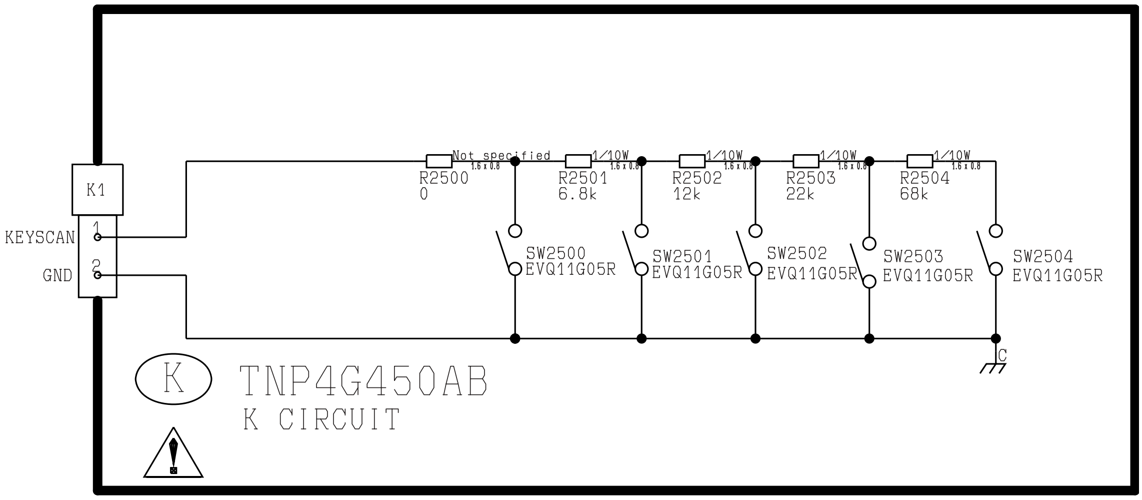


11.3.2. G Board (2 / 2)



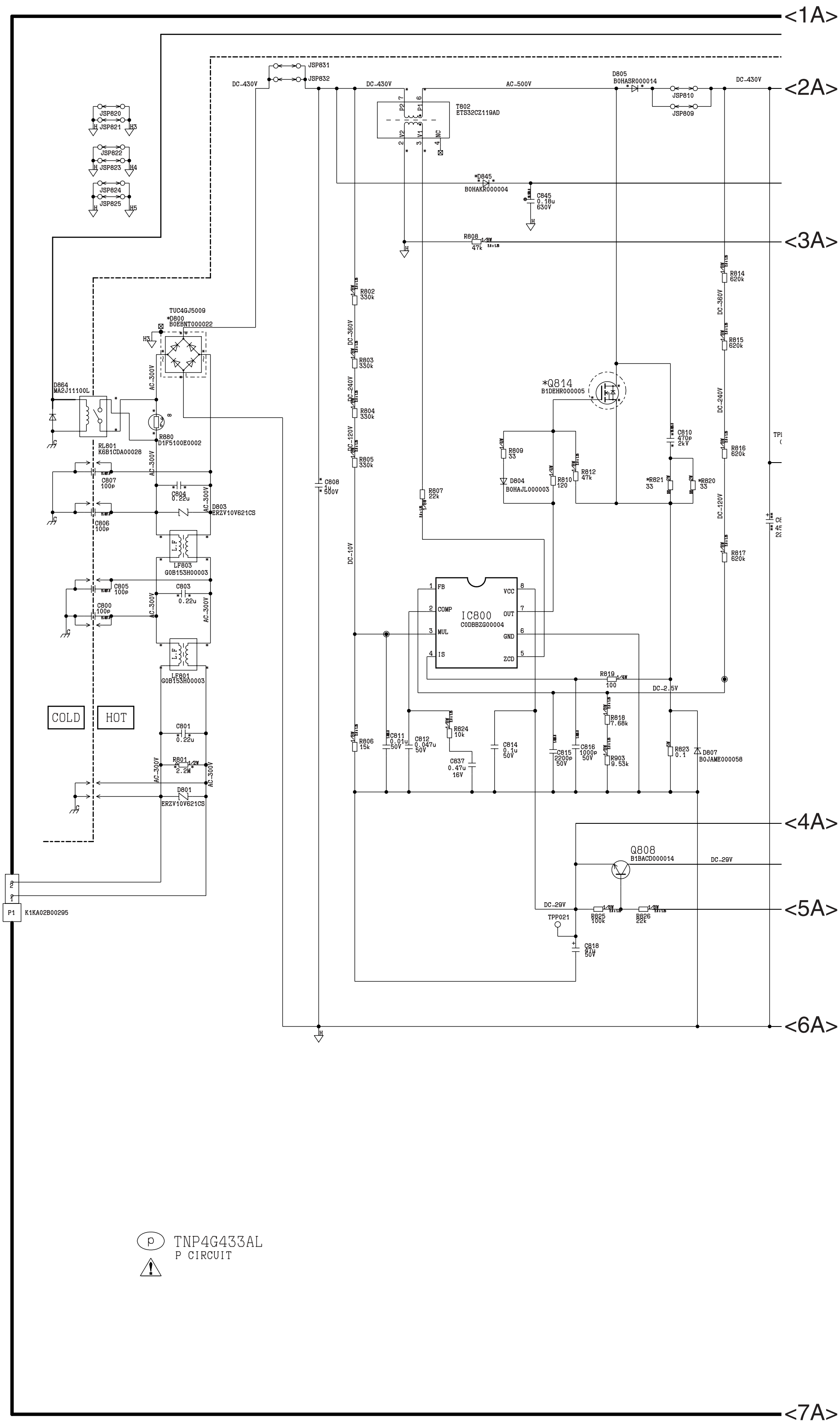
11.4. K Board

11.4.1. K Board (1 / 1)

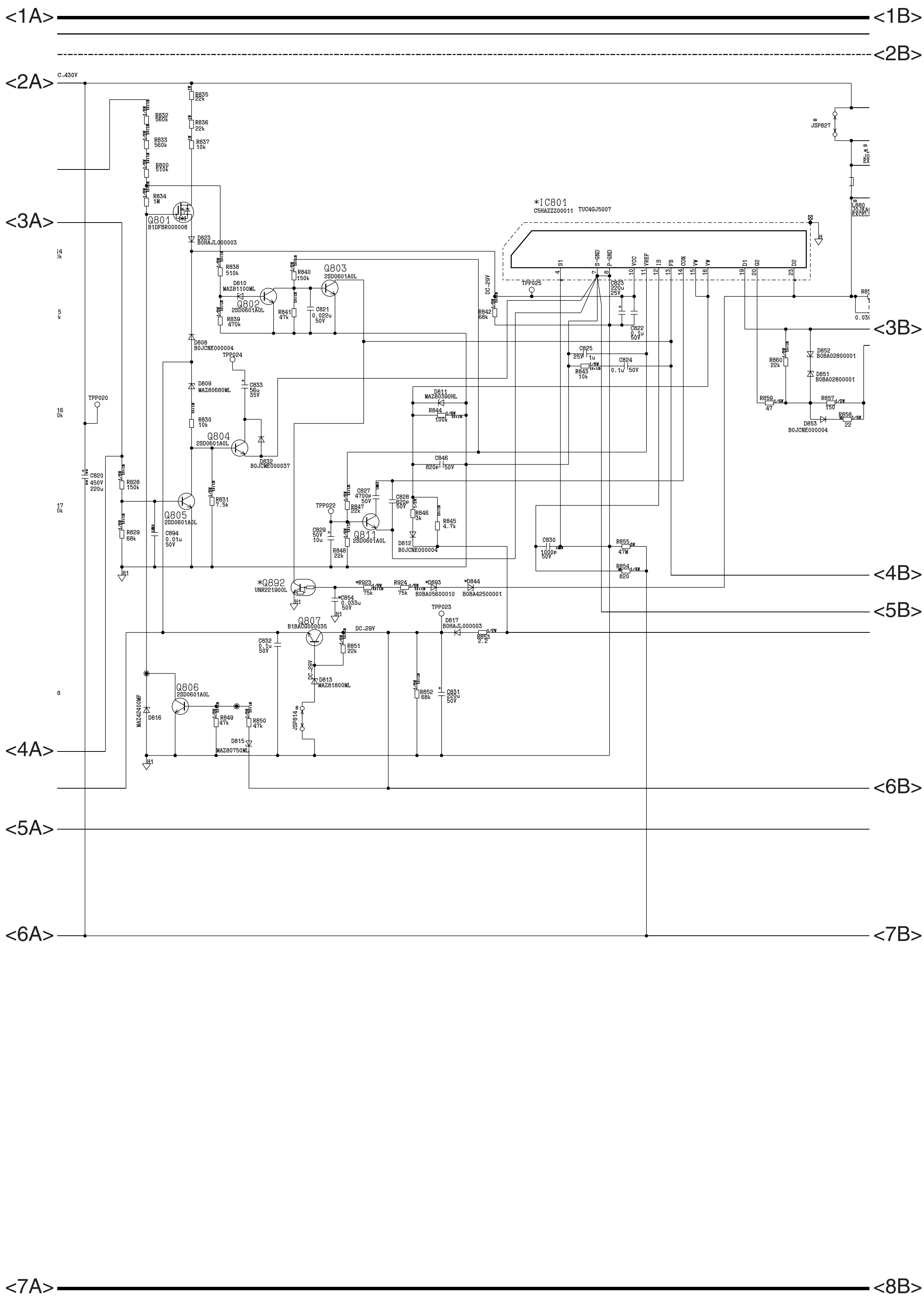


11.5. P Board

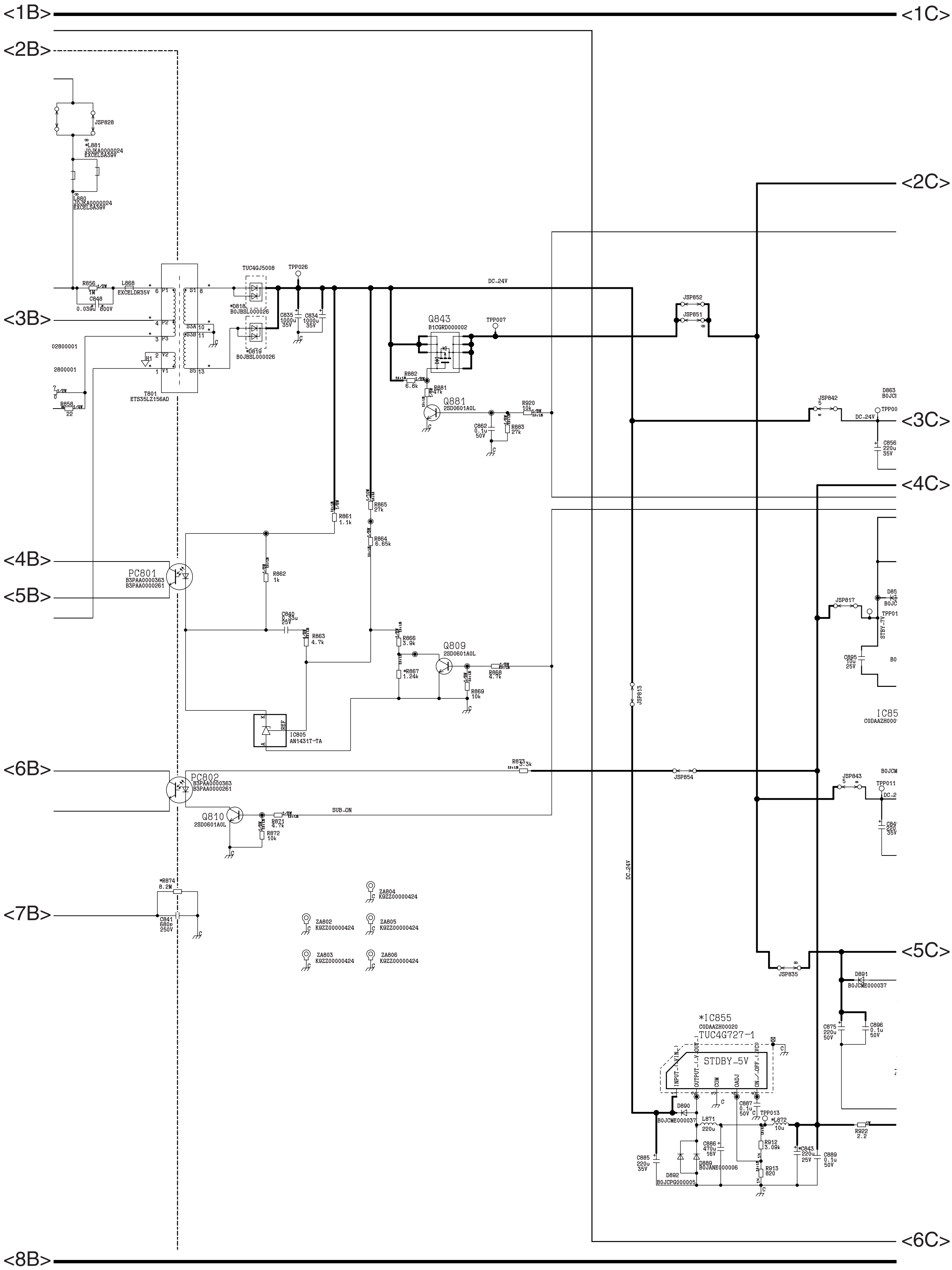
11.5.1. P Board (1 / 4)



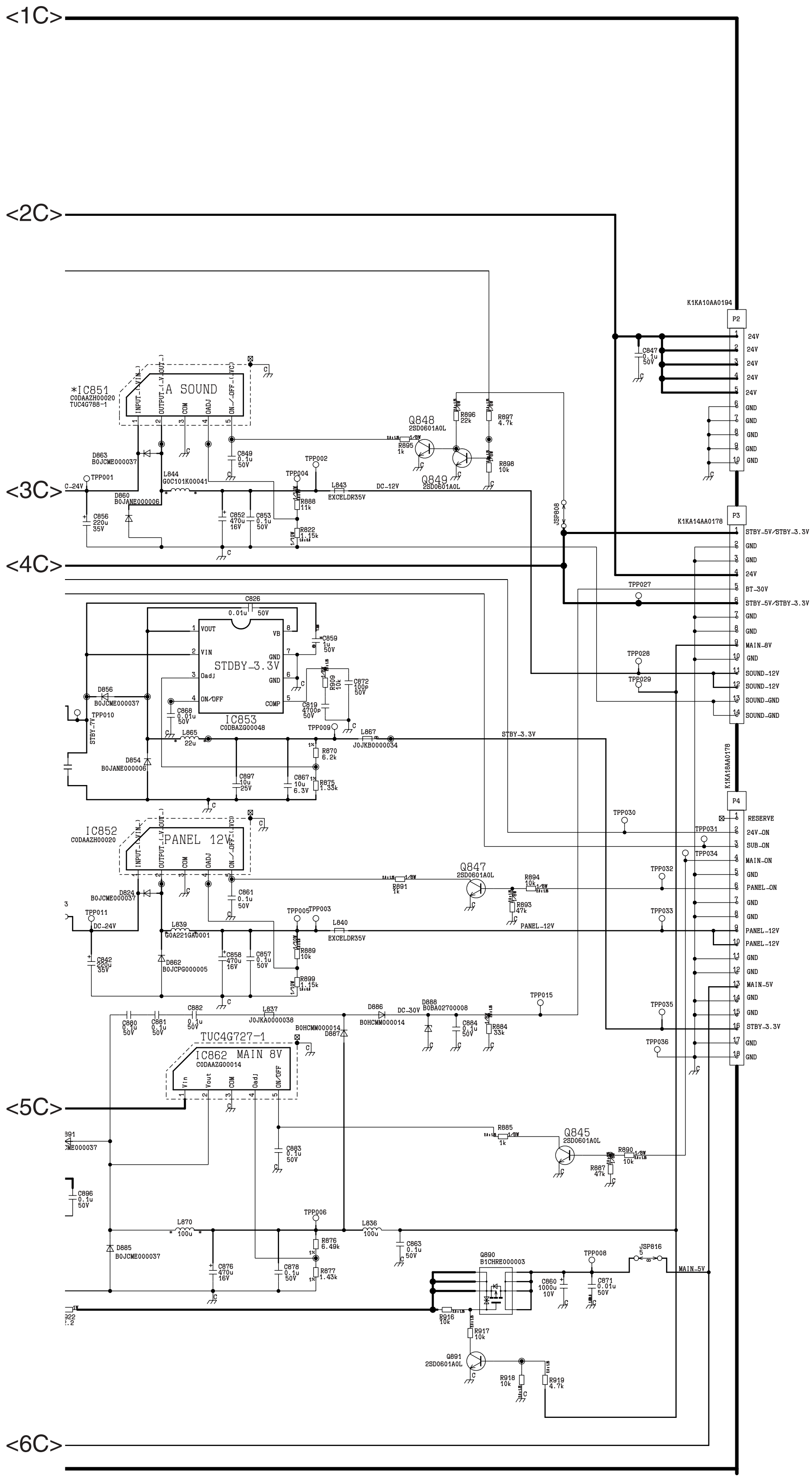
11.5.2. P Board (2 / 4)



11.5.3. P Board (3 / 4)

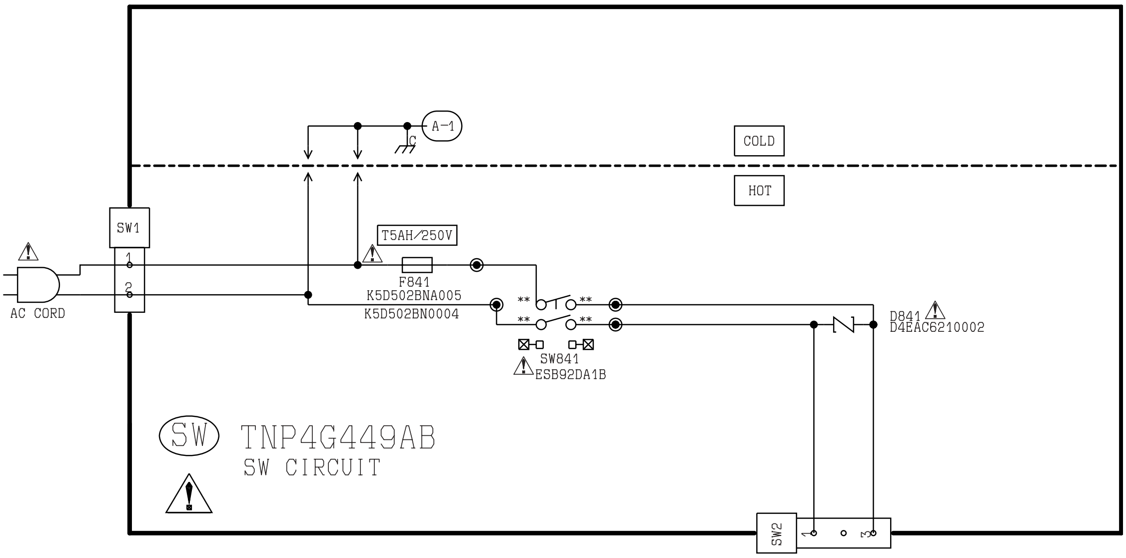


11.5.4. P Board (4 / 4)



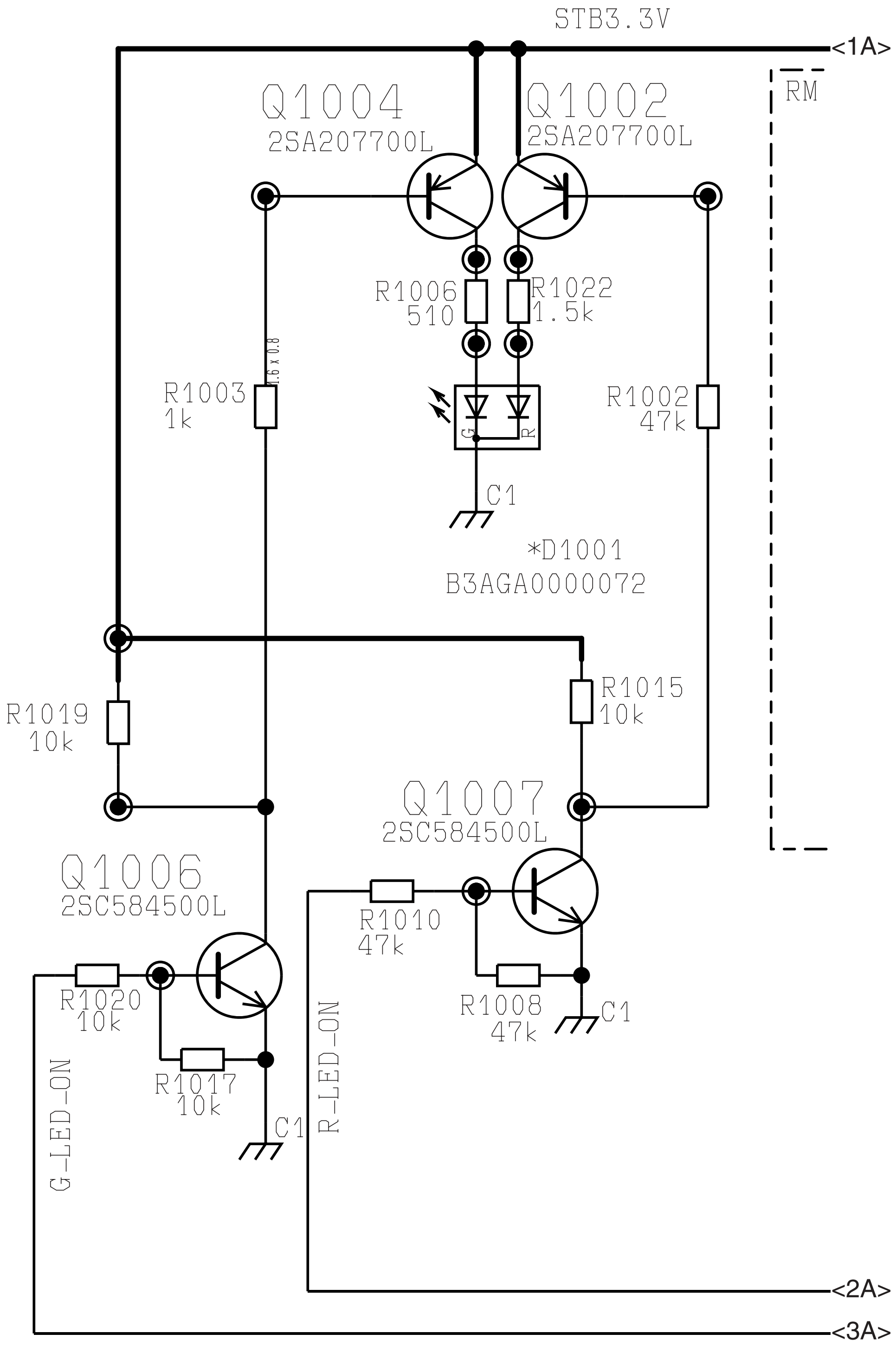
11.6. SW Board

11.6.1. SW Board (1 / 1)

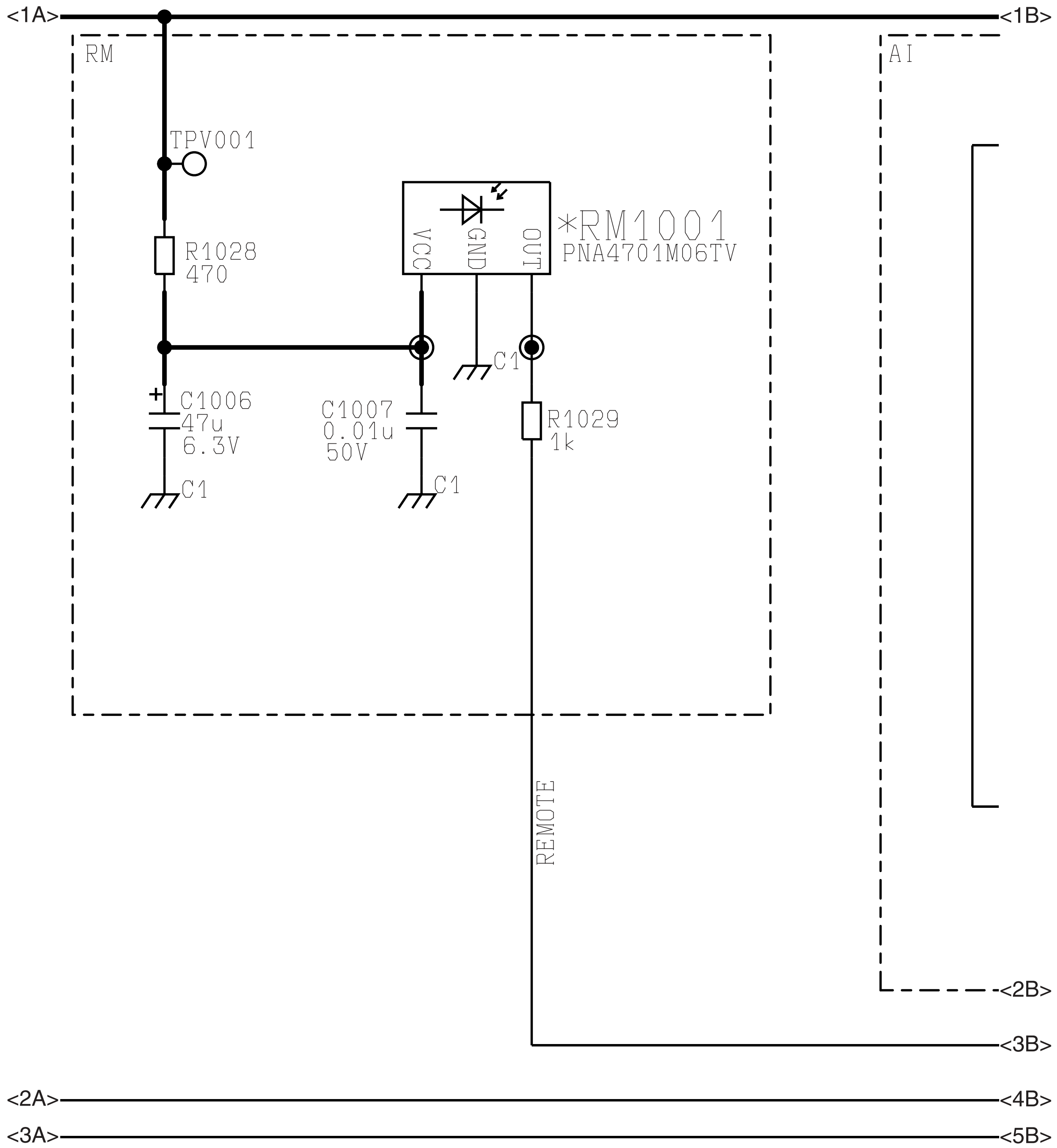


11.7. V Board

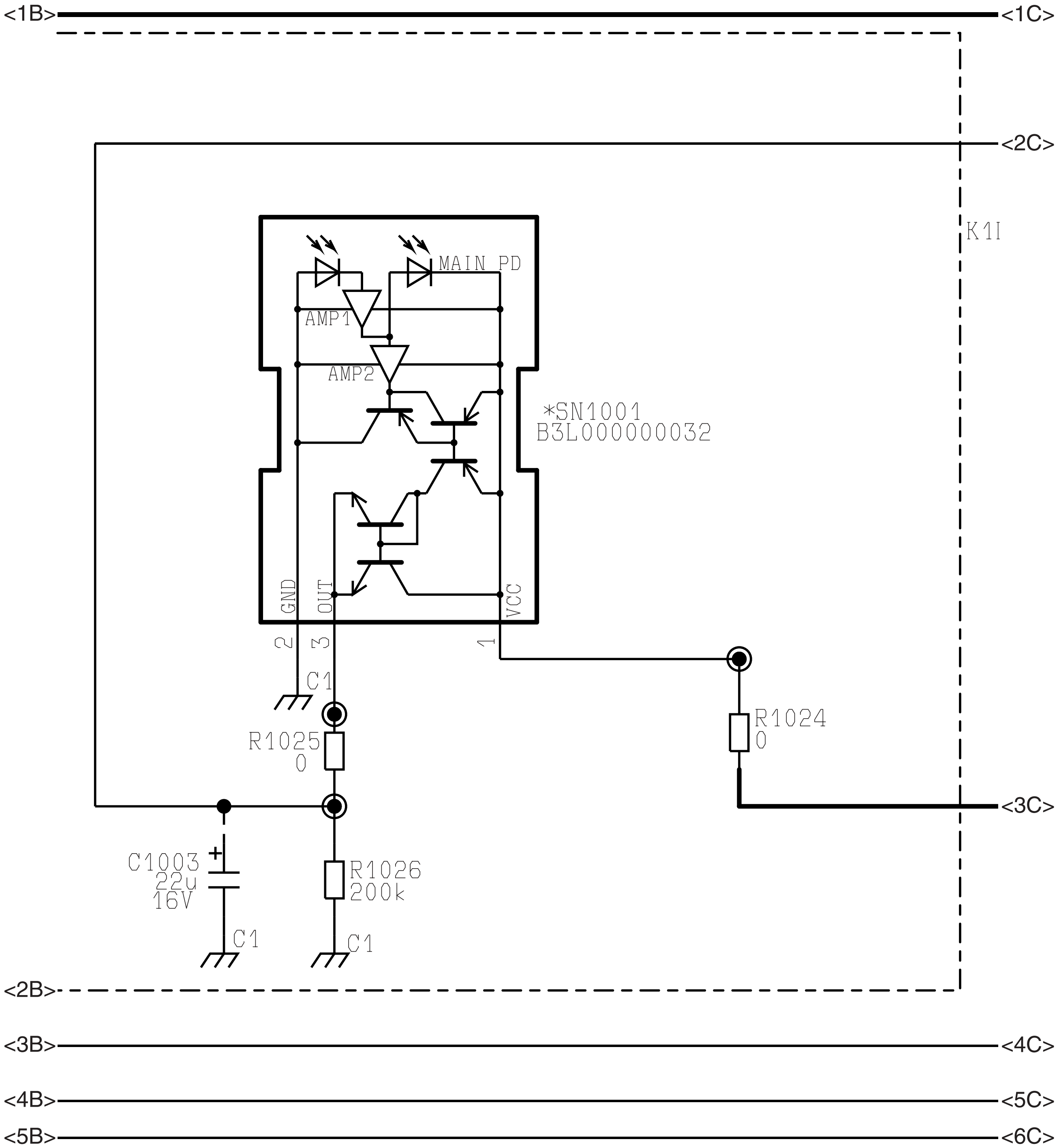
11.7.1. V Board (1 / 4)



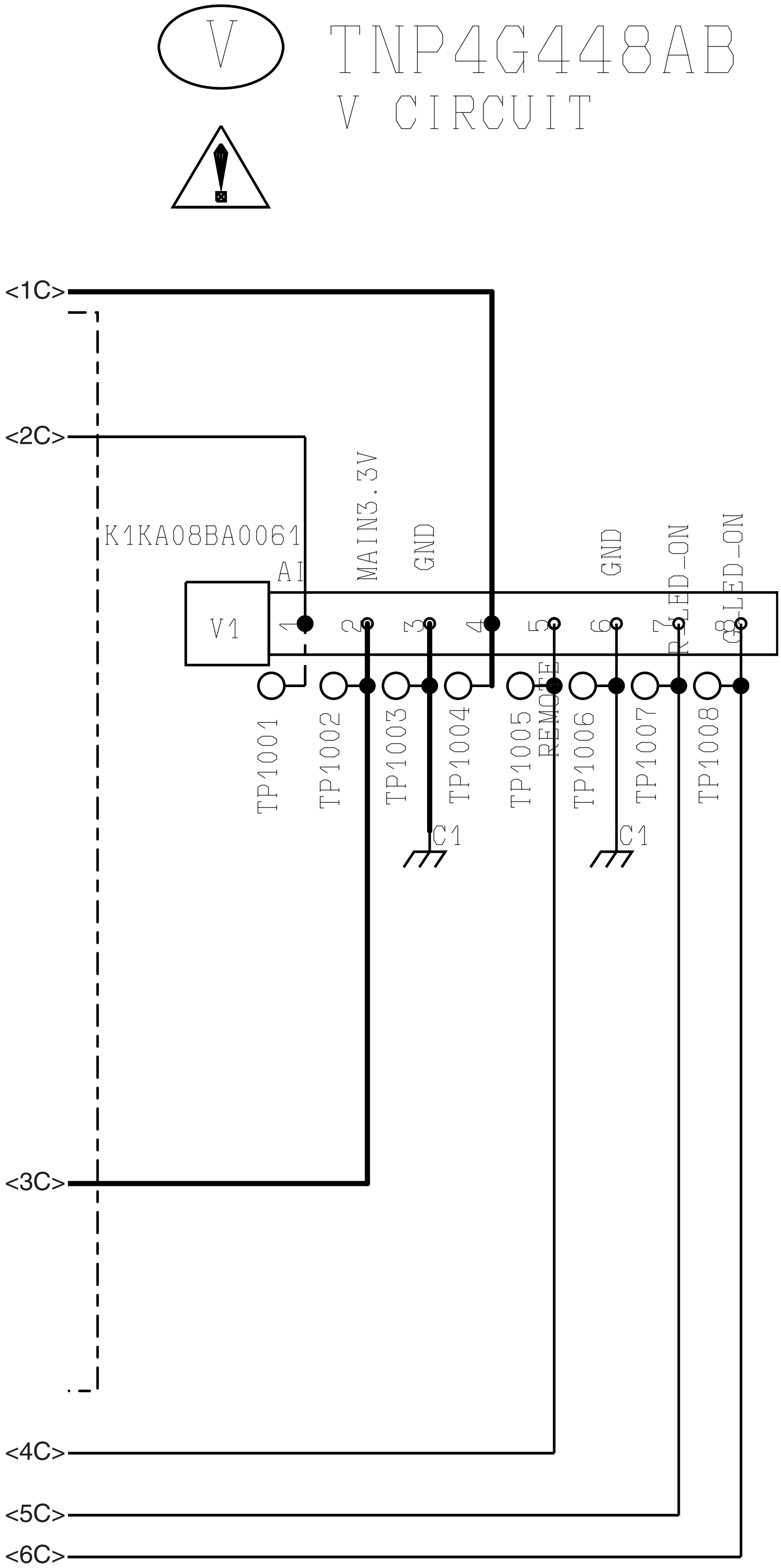
11.7.2. V Board (2 / 4)



11.7.3. V Board (3 / 4)

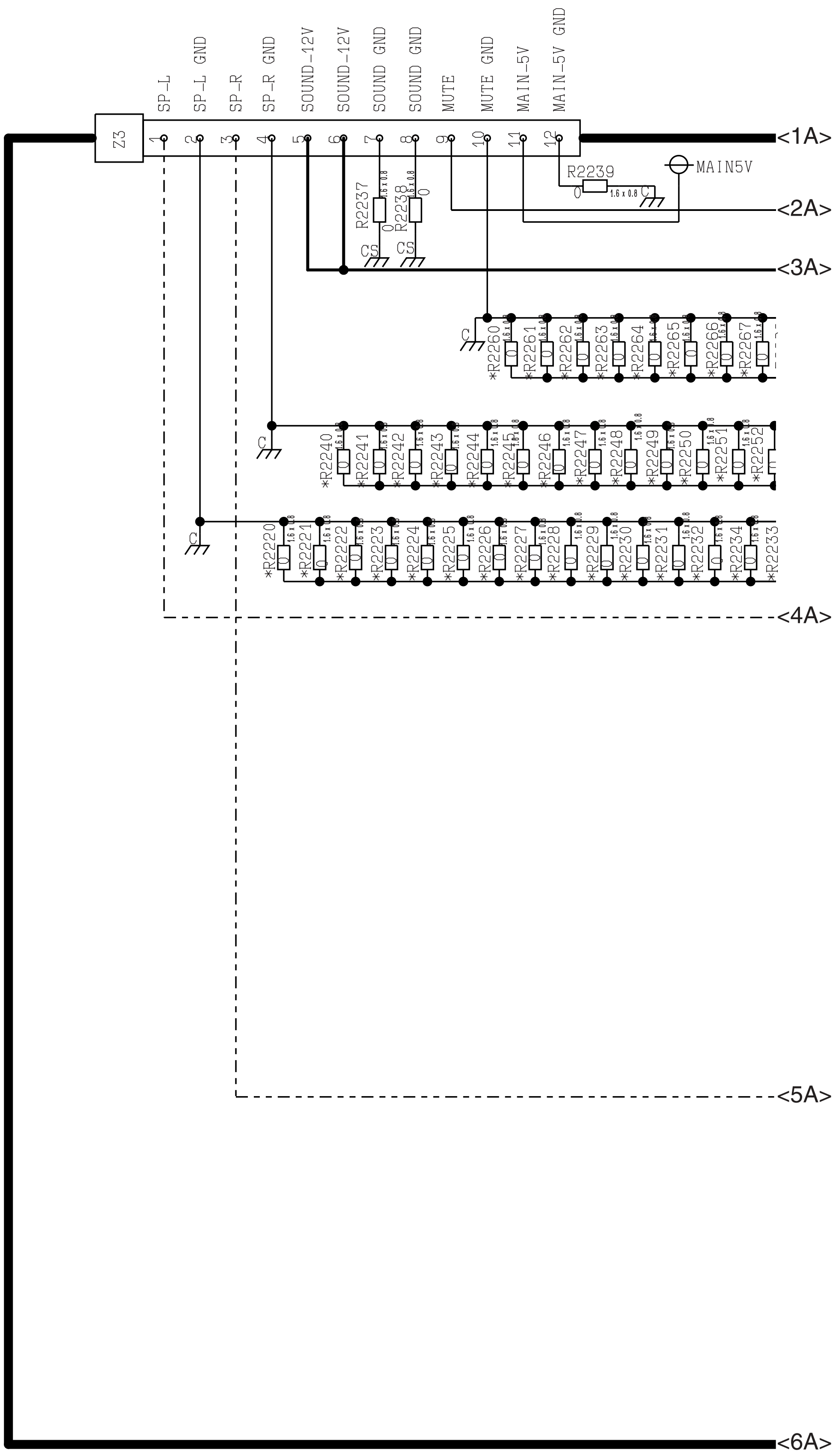


11.7.4. V Board (4 / 4)

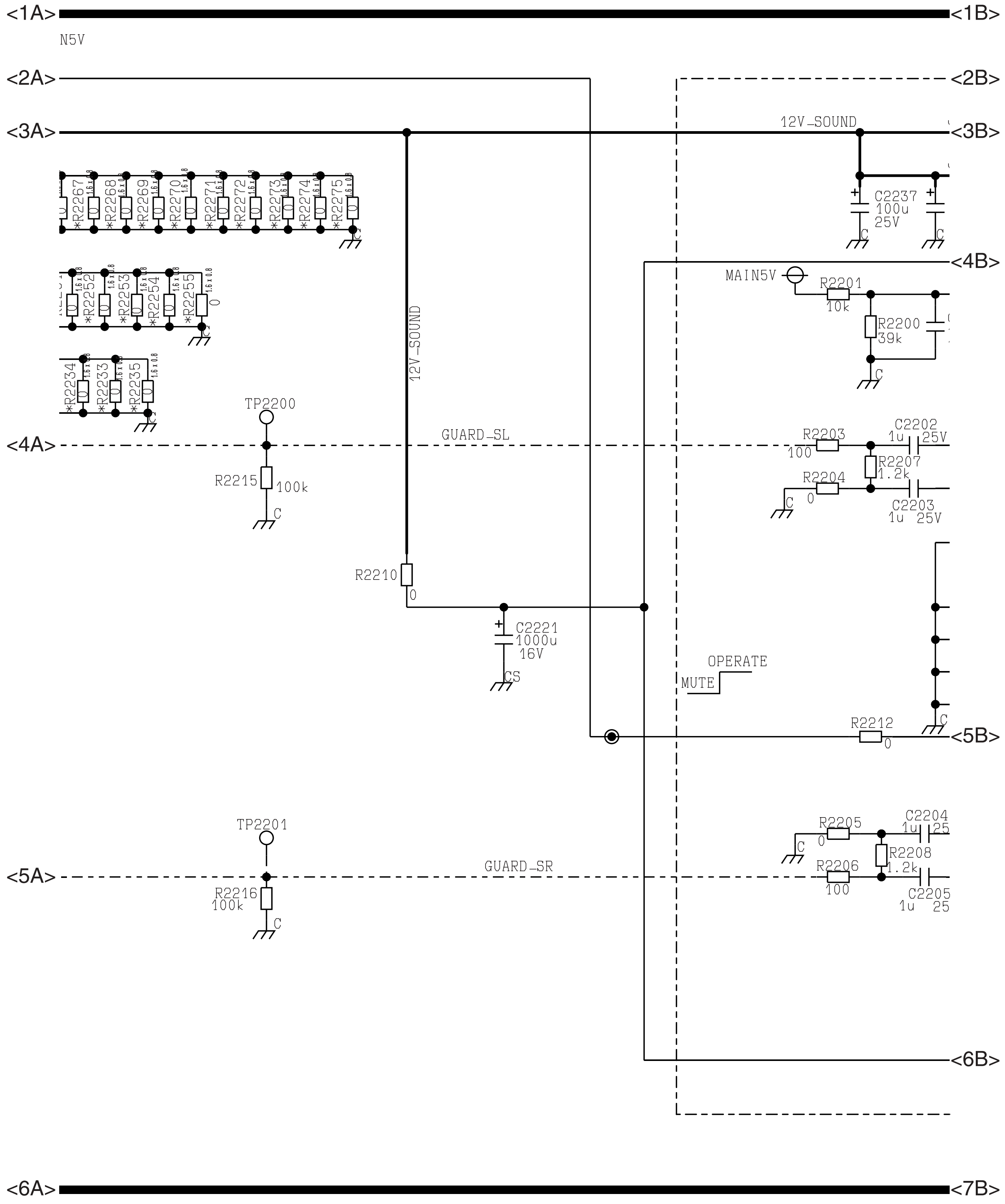


11.8. Z Board

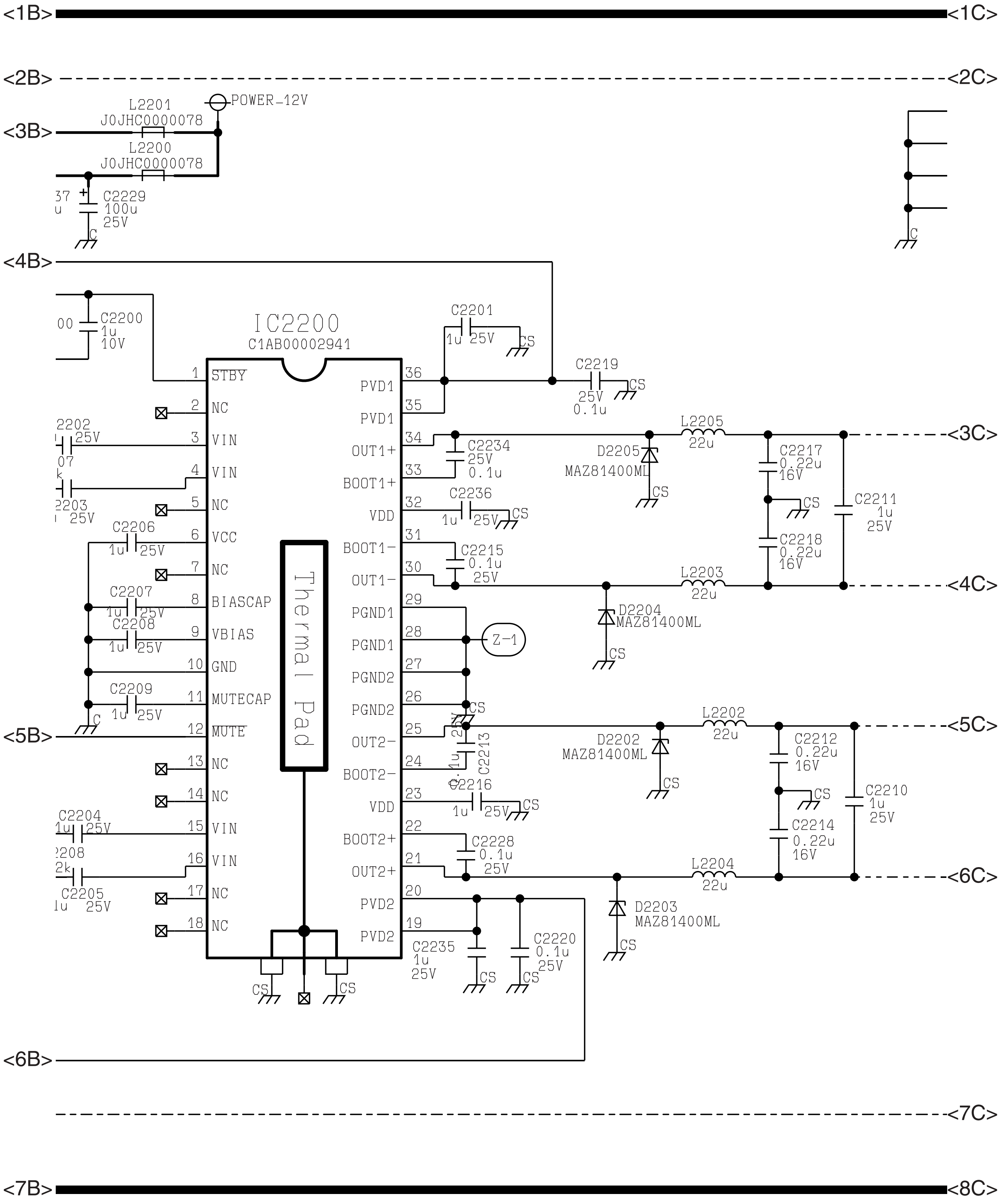
11.8.1. Z Board (1 / 4)



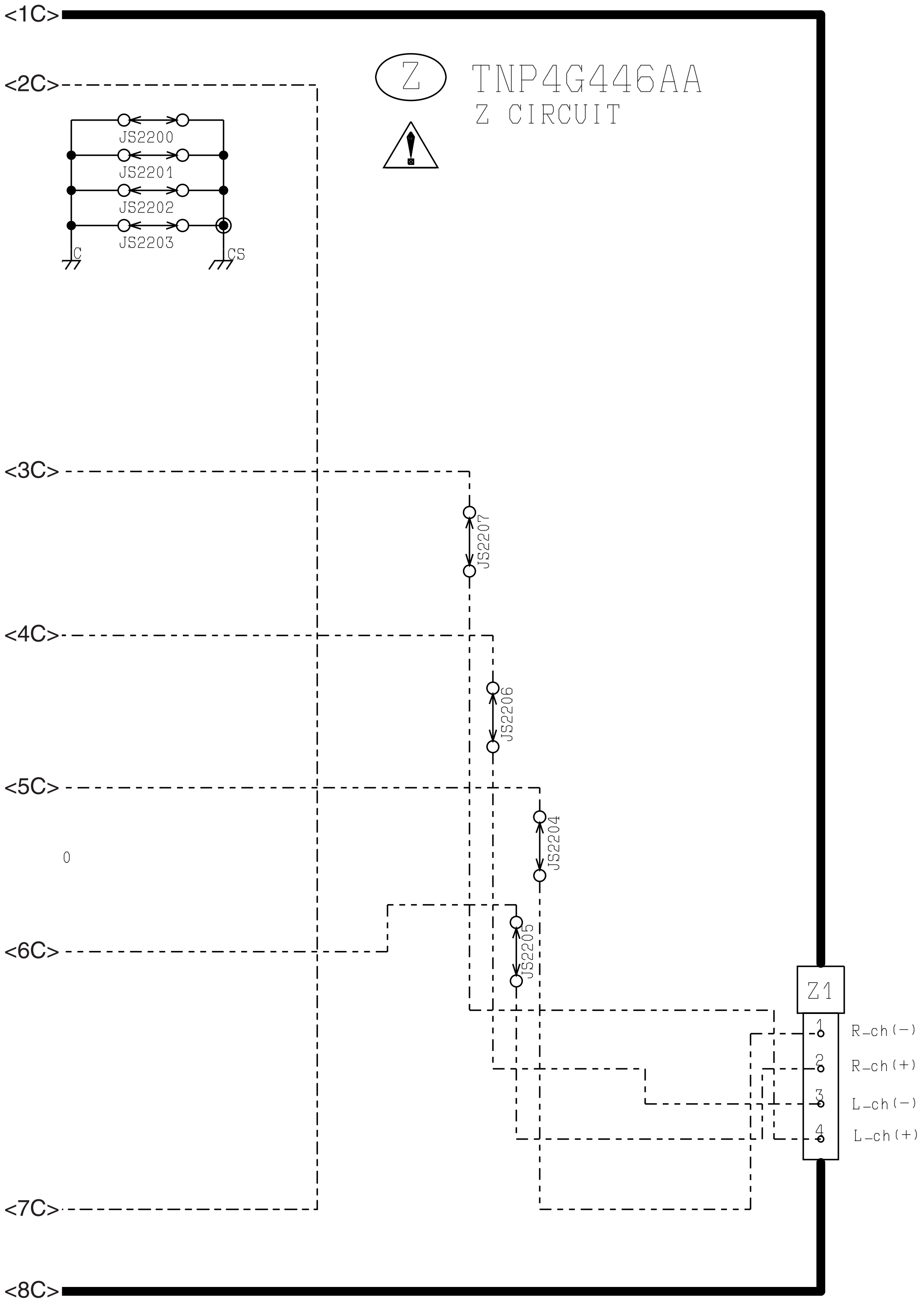
11.8.2. Z Board (2 / 4)



11.8.3. Z Board (3 / 4)

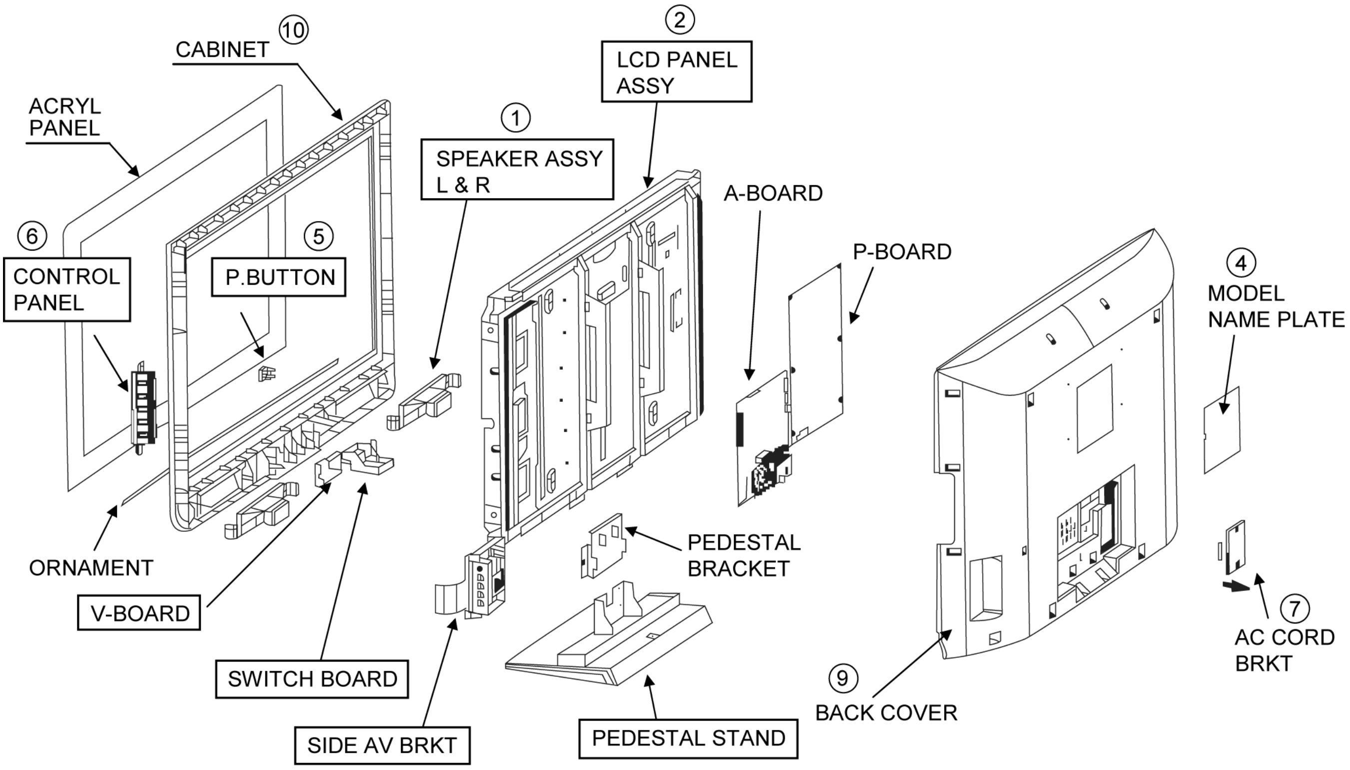


11.8.4. Z Board (4 / 4)



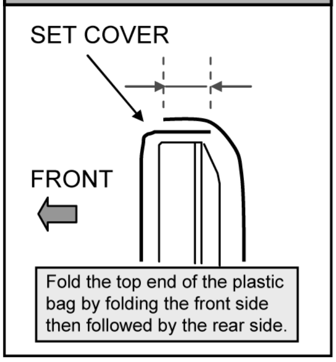
12 Parts Location & Mechanical Replacement Parts List

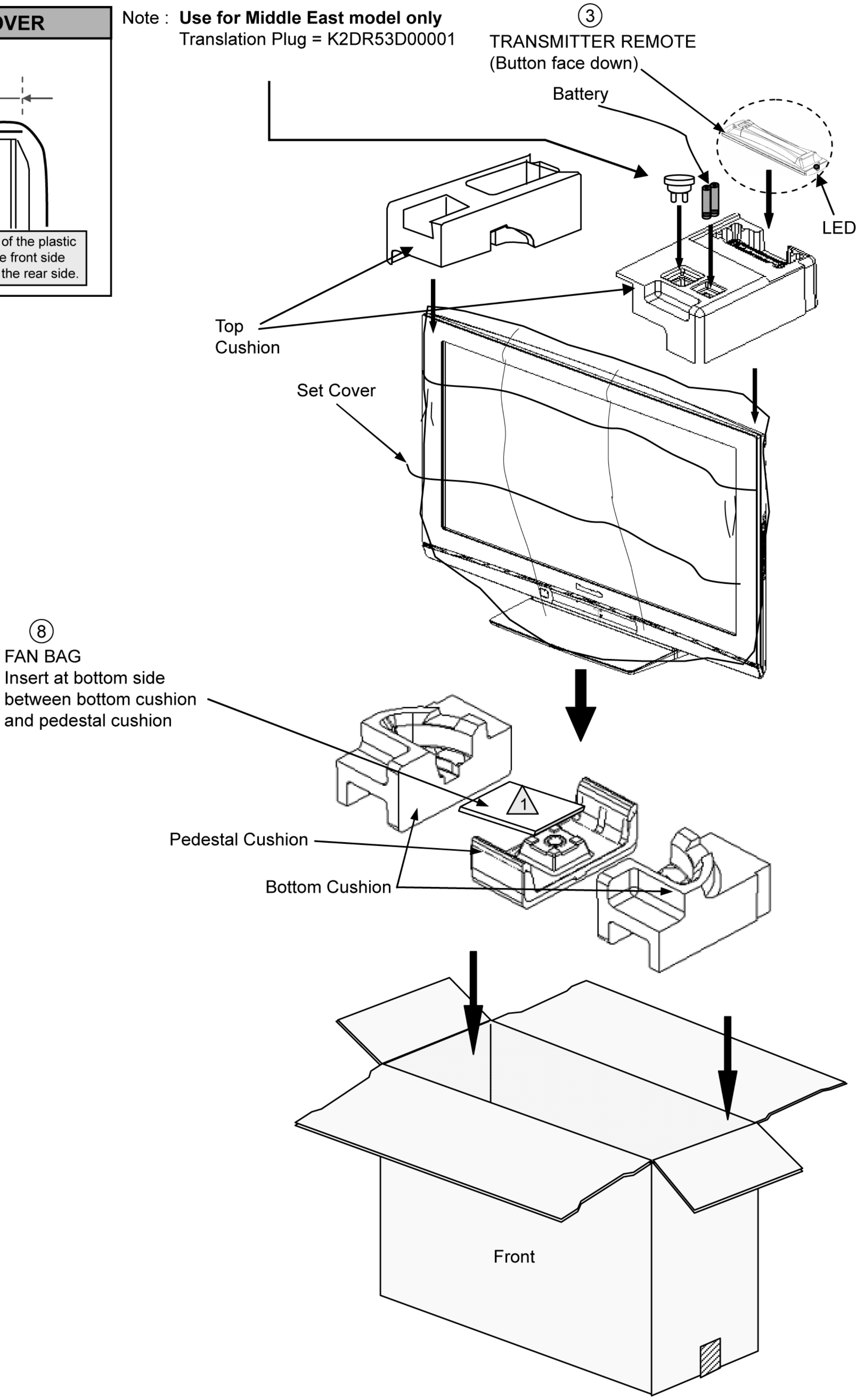
12.1. Parts Location



13 Packing Exploded View

SET COVER





14 Replacement Parts List

Important Safety Notice

Components identified by ⚠ mark have special characteristics important for safety.
When replacing any of these components, use manufacturer's specified parts.

Note: Printed circuit board assembly with "NLA" is no longer available after production discontinuation of the complete set.

Abbreviation of part name and description

1. Resistor

Example :
ERD25TJ104 **C** 100 KΩ, **J**, 1/4 W
Type Allowance

Type	Allowance
C : Carbon	F : ± 1%
F : Fuse	G : ± 2%
M : Metal Oxide Metal Film	J : ± 5% K : ± 10%
S : Solid	M : ± 20%
W : Wire Wound	

2. Capacitor

Example :
ECKF1H103ZF **C** 0.01 μF, **Z**, 50 V
Type Allowance

Type	Allowance
C : Carbon	C : ± 0.25 pF
E : Electrolytic	D : ± 0.5 pF
P : Polyester Polypropylene	F : ± 1 pF G : ± 3%
T : Tantalum	J : ± 5%
	K : ± 10%
	L : ± 15%
	M : ± 20%
	P : ± 100%, -0%
	Z : ± 80%, -20%

14.1. Electrical Replacement Parts List

Ref. No.	Part No.	Part Name & Description	Remarks
1	EAS16S07B	SPEAKER	
	J0KF00000018	FERRITE CORE	
	J0KG00000114	CORE CLAMPER	
	J0KG00000139	CORE CLAMPER	
	K2CQ2YY00009	AC CORD	⚠
2	L5EDD8Q00041	LCD PANEL	⚠
3	N2QAKB000065	REMOTE CONTROL	
	TBL4GA0007	PEDESTAL	
4	TBM4GC077	MODEL NAME PLATE	⚠
5	TBX4GA00102	POWER BUTTON	
6	TBX4GA00201	CONTROL BUTTON	
	TKK4GC5001-1	LED PANEL	
7	TKP4G11745	AC CORD BRACKET	
	TKP4GA00201	CONTROL PANEL	
	TKP4GA00301	G PCB BRACKET	
	TKP4GA02101	ACRYLIC PANEL	
	TKR4GA00101	ORNAMENT PANEL (BOTTOM)	
NLA	TXN/A10NSM	A PRINT	⚠
NLA	TNP4G433AL	P BOARD	⚠
NLA	TNP4G446AA	Z BOARD	⚠
NLA	TNP4G447AB	G BOARD	⚠
NLA	TNP4G448AB	V BOARD	⚠
NLA	TNP4G449AB	SW BOARD	⚠
NLA	TNP4G450AB	K BOARD	
	TPE4G14037	SET COVER	
8	TQZ4GB045	FAN BAG	
9	TTU4GA0091	BACK COVER	
10	TTY4GA0042	CABINET	
	TXFPC030NSM	CARTON	
	TXFPD010NHE	TOP CUSHION	
	TXFPD020NHE	BOTTOM CUSHION	
	TXFPD030NHE	PEDESTAL CUSHION	
	TXJ/A80NJE	LVDS HARNESS	
	CAPACITORS		
C1003	ECEA1CKS220	E 22UF, 16V	
C1006	ECEA0JKS470	E 47UF, 6.3V	
C1007	ECJ1VB1H103K	C 0.01UF, K, 50V	
C1168	ECJ1VB1C104K	C 0.1UF, K, 16V	
C1181	ECJ1VB1H102K	C 1000PF, K, 50V	
C1182	ECJ1VB1H102K	C 1000PF, K, 50V	
C1185	ECJ1VB1H102K	C 1000PF, K, 50V	
C1186	ECJ1VB1H102K	C 1000PF, K, 50V	
C1801	ECJ1VB1H103K	C 0.01UF, K, 50V	
C1802	ECJ1VB1H472K	C 4700PF, K, 50V	
C1803	ECJ1VC1H101J	C 100PF, J, 50V	
C1804	ECJ1VB1H103K	C 0.01UF, K, 50V	
C1822	F1G1A1040006	C 0.1UF, 10V	
C1828	EEEHB1C470P	E 47UF, P, 16V	
C1831	F1G1A1040006	C 0.1UF, 10V	
C1834	ECJ2FB1C474K	C 0.47UF, K, 16V	
C1835	ECJ1VB1C563K	C 0.056UF, K, 16V	
C1836	ECJ1VB1C104K	C 0.1UF, K, 16V	
C1837	F1H1H103A013	C 0.01UF, 50V	
C1839	ECJ1VC1H101J	C 100PF, J, 50V	
C1840	ECJ1VF1A105Z	C 1UF, Z, 10V	
C1842	F1H0J1050013	C 1UF, 6.3V	
C1843	F1H0J1050013	C 1UF, 6.3V	
C1844	EEEHB0G470R	E 47UF, 4V	
C1845	EEEHB0G470R	E 47UF, 4V	
C1850	F1G1A1040006	C 0.1UF, 10V	
C1851	F1G1A1040006	C 0.1UF, 10V	
C1852	EEEHB0G470R	E 47UF, 4V	
C1853	EEEHB0G470R	E 47UF, 4V	
C1854	ECJ1VB1H104K	C 0.1UF, K, 16V	
C1855	F2A1C101A310	E 100UF, 16V	
C1856	EEUFC1A471B	E 470UF, 10V	
C1858	ECJ1VB1C104K	C 0.1UF, K, 16V	
C1865	ECJ1VF1A105Z	C 1UF, Z, 10V	
C1866	ECJ1VF1A105Z	C 1UF, Z, 10V	
C1867	ECJ1VF1A105Z	C 1UF, Z, 10V	
C1868	ECJ1VF1A105Z	C 1UF, Z, 10V	
C1869	EEEHB1C470P	E 47UF, 16V	
C1870	ECJ1VB1C104K	C 0.1UF, K, 16V	
C1951	ECJ1VB1H104K	C 0.1UF, K, 16V	
C1952	ECJ1VB1H104K	C 0.1UF, K, 16V	
C2068	ECJ1VB1A105K	C 1UF, K, 10V	
C2104	ECJ1VB1H103K	C 0.01UF, K, 50V	
C2105	ECJ1VB1H103K	C 0.01UF, K, 50V	
C2141	F1H1H103A013	C 0.01UF, 50V	
C2142	EEEHB0J101P	E 100UF, 6.3V	
C2143	EEEHB0J101P	E 100UF, 6.3V	
C2144	F1H0J1050013	C 1UF, 6.3V	
C2145	EEEHB1C470P	E 47UF, 16V	
C2146	ECJ2FB1E105K	C 1UF, K, 25V	
C2147	ECJ2FB1E105K	C 1UF, K, 25V	
C2172	EEEHB0J101P	E 100UF, 6.3V	
C2200	ECJ1VB1A105K	C 1UF, K, 10V	
C2201	ECJ2FB1E105K	C 1UF, K, 25V	
C2202	ECJ2FB1E105K	C 1UF, K, 25V	
C2203	ECJ2FB1E105K	C 1UF, K, 25V	
C2204	ECJ2FB1E105K	C 1UF, K, 25V	
C2205	ECJ2FB1E105K	C 1UF, K, 25V	
C2206	ECJ2FB1E105K	C 1UF, K, 25V	
C2207	ECJ2FB1E105K	C 1UF, K, 25V	
C2208	ECJ2FB1E105K	C 1UF, K, 25V	
C2209	ECJ2FB1E105K	C 1UF, K, 25V	
C2210	ECJ2FB1E105K	C 1UF, K, 25V	
C2211	ECJ2FB1E105K	C 1UF, K, 25V	
C2212	ECJ1VB1C224K	C 0.22UF, K, 16V	
C2213	ECJ1VB1E104K	C 0.1UF, K, 25V	
C2214	ECJ1VB1C224K	C 0.22UF, K, 16V	
C2215	ECJ1VB1E104K	C 0.1UF, K, 25V	
C2216	ECJ2FB1E105K	C 1UF, K, 25V	
C2217	ECJ1VB1C224K	C 0.22UF, K, 16V	
C2218	ECJ1VB1C224K	C 0.22UF, K, 16V	
C2219	ECJ1VB1E104K	C 0.1UF, K, 25V	
C2220	ECJ1VB1E104K	C 0.1UF, K, 25V	
C2221	F2A1C102A252	E 1000UF, 16V	
C2228	ECJ1VB1E104K	C 0.1UF, K, 25V	
C2229	F2A1E1010073	E 100UF, 25V	
C2234	ECJ1VB1E104K	C 0.1UF, K, 25V	
C2235	ECJ2FB1E105K	C 1UF, K, 25V	
C2236	ECJ2FB1E105K	C 1UF, K, 25V	
C2237	F2A1E1010073	E 100UF, 25V	
C2367	EEEHB1C101UP	E 100UF, 16V	
C3064	EEEHB0J331UP	E 330UF, 6.3V	
C3065	ECJ1VB1C104K	C 0.1UF, K, 16V	
C3067	F1J0J1060004	C 10UF, 6.3V	
C3073	ECJ1VB1A105K	C 1UF, K, 10V	
C3076	ECJ1VB1A105K	C 1UF, K, 10V	
C3077	ECJ1VB1A105K	C 1UF, K, 10V	
C3200	ECJ1VB0J225K	C 2.2UF, K, 6.3V	
C3202	EEEHB1C101UP	E 100UF, 16V	
C3203	ECJ1VB1C224K	C 0.22UF, K, 16V	
C3204	EEEHB1C470P	E 47UF, 16V	
C3516	ECJ1VB0J475K	C 4.7UF,K,6.3V	
C3863	ECJ1VF1A105Z	C 1UF, Z, 10V	
C3866	EEEHB0J101P	E 100UF, 6.3V	
C3867	ECJ1VB1C104K	C 0.1UF, K, 16V	
C3870	ECJ1VF1H104Z	C 0.1UF, Z, 50V	
C3873	ECJ1VB1C104K	C 0.1UF, K, 16V	
C3874	ECJ1VB1C104K	C 0.1UF, K, 16V	
C4001	ECJ1VB1C104K	C 0.1UF, K, 16V	
C4004	ECJ1VB1C104K	C 0.1UF, K, 16V	
C4005	ECJ1VB1C104K	C 0.1UF, K, 16V	
C4006	ECJ1VB1C104K	C 0.1UF, K, 16V	
C4008	ECJ1VB1C104K	C 0.1UF, K, 16V	
C4009	F1J0J1060004	C 10UF, 6.3V	
C4014	ECJ1VB1C104K	C 0.1UF, K, 16V	
C4015	ECJ1VB1C104K	C 0.1UF, K, 16V	
C4016	ECJ1VB1C104K	C 0.1UF, K, 16V	
C4017	ECJ1VB1C104K	C 0.1UF, K, 16V	

Ref. No.	Part No.	Part Name & Description	Remarks
C4018	ECJ1VB1C104K	C 0.1UF, K, 16V	
C4019	F1J0J1060004	C 10UF, 6.3V	
C4020	F1J0J1060004	C 10UF, 6.3V	
C4021	F1J0J1060004	C 10UF, 6.3V	
C4022	F1J0J1060004	C 10UF, 6.3V	
C4023	F1J0J1060004	C 10UF, 6.3V	
C4024	ECJ1VF1A105Z	C 1UF, Z, 10V	
C4025	ECJ1VB1C104K	C 0.1UF, K, 16V	
C4027	ECJ1VB1C104K	C 0.1UF, K, 16V	
C4029	ECJ1VB1C104K	C 0.1UF, K, 16V	
C4030	ECJ1VF1A105Z	C 1UF, Z, 10V	
C4031	ECJ1VB1C104K	C 0.1UF, K, 16V	
C4033	ECJ0EC1H101J	C 100UF, 50V	
C4034	F1G1A1040006	C 0.1UF, 10V	
C4035	F1G1A1040006	C 0.1UF, 10V	
C4036	ECJ1VB1A105K	C 1UF, K, 10V	
C4037	ECJ1VB1A105K	C 1UF, K, 10V	
C4038	ECJ1VB1A105K	C 1UF, K, 10V	
C4039	ECJ1VB1A105K	C 1UF, K, 10V	
C4040	ECJ1VB1A105K	C 1UF, K, 10V	
C4041	ECJ1VB1A105K	C 1UF, K, 10V	
C4042	F1G1A1040006	C 0.1UF, 10V	
C4043	ECJ1VB1A105K	C 1UF, K, 10V	
C4044	ECJ1VB1A105K	C 1UF, K, 10V	
C4045	F1G1A1040006	C 0.1UF, 10V	
C4046	F1G1A1040006	C 0.1UF, 10V	
C4049	F1G1A1040006	C 0.1UF, 10V	
C4050	F1G1A1040006	C 0.1UF, 10V	
C4051	ECJ1VB1C104K	C 0.1UF, K, 16V	
C4052	ECJ1VC1H560J	C 56PF, J, 50V	
C4053	ECJ1VC1H560J	C 56PF, J, 50V	
C4054	F1G1A1040006	C 0.1UF, 10V	
C4055	F1J0J1060004	C 10UF, 6.3V	
C4056	F1G1A1040006	C 0.1UF, 10V	
C4057	F1J0J1060004	C 10UF, 6.3V	
C4058	F1G1A1040006	C 0.1UF, 10V	
C4059	F1G1A1040006	C 0.1UF, 10V	
C4060	F1G1A1040006	C 0.1UF, 10V	
C4061	ECJ1VB1C104K	C 0.1UF, K, 16V	
C4062	EEEHB1C470P	E 47UF, 16V	
C4064	F1G1A1040006	C 0.1UF, 10V	
C4065	ECJ0EB1H102K	C 1000UF, K, 50V	
C4066	F1G1A1040006	C 0.1UF, 10V	
C4067	F1G1A1040006	C 0.1UF, 10V	
C4068	F1J0J1060004	C 10UF, 6.3V	
C4071	ECJ1VC1H180J	C 18PF, J, 50V	
C4072	ECJ1VC1H180J	C 18PF, J, 50V	
C4074	F1G1A1040006	C 0.1UF, 10V	
C4075	F1J0J1060004	C 10UF, 6.3V	
C4076	F1G1A1040006	C 0.1UF, 10V	
C4077	F1G1A1040006	C 0.1UF, 10V	
C4078	F1G1A1040006	C 0.1UF, 10V	
C4079	ECJ1VB1C104K	C 0.1UF, K, 16V	
C4080	F1G1A1040006	C 0.1UF, 10V	
C4081	ECJ1VB1C104K	C 0.1UF, K, 16V	
C4082	F1G1A1040006	C 0.1UF, 10V	
C4083	ECJ0EB1H102K	C 1000UF, K, 50V	
C4084	F1G1A1040006	C 0.1UF, 10V	
C4085	F1G1A1040006	C 0.1UF, 10V	
C4086	F1G1A1040006	C 0.1UF, 10V	
C4087	F1G1A1040006	C 0.1UF, 10V	
C4088	F1G1A1040006	C 0.1UF, 10V	
C4089	F1G1A1040006	C 0.1UF, 10V	
C4090	F1G1A1040006	C 0.1UF, 10V	
C4091	F1G1A1040006	C 0.1UF, 10V	
C4092	F1G1A1040006	C 0.1UF, 10V	
C4093	F1G1A1040006	C 0.1UF, 10V	
C4094	F1G1A1040006	C 0.1UF, 10V	
C4095	F1J0J1060004	C 10UF, 6.3V	
C4096	ECJ1VB1C104K	C 0.1UF, K, 16V	
C4097	F1G1A1040006	C 0.1UF, 10V	
C4098	ECJ1VB1H102K	C 1000PF, K, 50V	
C4099	F1J0J1060004	C 10UF, 6.3V	
C4100	F1G1A1040006	C 0.1UF, 10V	
C4101	F1G1A1040006	C 0.1UF, 10V	
C4102	F1J0J1060004	C 10UF, 6.3V	
C4103	ECJ0EC1H120J	C 0.1UF, 10V	
C4104	ECJ0EC1H220J	C 0.1UF, 10V	
C4105	ECJ0EC1H220J	C 0.1UF, 10V	
C4109	ECJ1VB1C104K	C 0.1UF, K, 16V	
C4110	ECJ2FB1A335K	C 10UF, 6.3V	
C4111	F1J0J1060004	C 10UF, 6.3V	
C4112	ECJ1VB1C104K	C 0.1UF, K, 16V	
C4114	EEFCD0G560ER	E 56UF, 4V	
C4115	EEFCD0G560ER	E 56UF, 4V	
C4117	ECJ1VC1H220J	C 22PF, J, 50V	
C4118	F1J0J1060004	C 10UF, 6.3V	
C4119	ECJ0EC1H560J	C 56PF, J, 50V	
C4120	ECJ1VC1H101J	C 100PF, J, 50V	
C4121	ECJ1VC1H101J	C 100PF, J, 50V	
C4122	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C4123	ECJ1VB1C104K	C 0.1UF, K, 16V	
C4125	F4Z0G6860002	C 68UF, 4V	
C4127	F1J0J1060004	C 10UF, 6.3V	
C4128	F2H1C470A009	E 47UF, 16V	
C4129	F1J0J1060004	C 10UF, 6.3V	
C4130	ECJ1VC1H120J	C 12PF, J, 50V	
C4131	ECJ1VC1H120J	C 12PF, J, 50V	
C4132	ECJ1VB1H102K	C 1000PF, K, 50V	
C4133	F1G1A1040006	C 0.1UF, 10V	
C4134	ECJ1VB0J105K	C 1UF, K,6.3V	
C4135	F1H1H103A013	C 0.01UF, 50V	
C4148	ECJ2FB0J106M	C 10UF, J , 6.3V	
C4149	ECJ2FB0J106M	C 10UF, J , 6.3V	
C4150	ECJ1VB1C104K	C 0.1UF, K, 16V	
C4151	ECJ1VB1C104K	C 0.1UF, K, 16V	
C4152	ECJ1VB1C104K	C 0.1UF, K, 16V	
C4182	ECJ2FB0J106M	C 10UF, J , 6.3V	
C4183	ECJ2FB0J106M	C 10UF, J , 6.3V	
C4331	F2G1C100A022	E 10UF, 16V	
C4332	ECJ1VB1C104K	C 0.1UF, K, 16V	
C4501	F1G1A1040006	C 0.1UF, 10V	
C4502	EEEHB1C470P	E 47UF, 16V	
C4807	ECJ1VB1C104K	C 0.1UF, K, 16V	
C4808	ECJ1VB1C104K	C 0.1UF, K, 16V	
C5001	F1G1A1040006	C 0.1UF, 10V	
C5002	F1G1A1040006	C 0.1UF, 10V	
C5003	F1G1A1040006	C 0.1UF, 10V	
C5004	F1G1A1040006	C 0.1UF, 10V	
C5005	ECJ1VF1A105Z	C 1UF, Z, 10V	
C5006	ECJ1VF1A105Z	C 1UF, Z, 10V	
C5007	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C5008	ECJ1VB1C104K	C 0.1UF, K, 16V	
C5009	F1J0J1060004	C 10UF, 6.3V	
C5010	F1J0J1060004	C 10UF, 6.3V	
C5011	ECJ1VB1C104K	C 0.1UF, K, 16V	
C5012	ECJ1VB1C104K	C 0.1UF, K, 16V	
C5016	F1J0J1060004	C 10UF, 6.3V	
C5017	ECJ1VB1C104K	C 0.1UF, K, 16V	
C5018	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C5019	F1G1A1040006	C 0.1UF, 10V	
C5020	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C5021	ECJ1VF1H103Z	C 0.01UF, Z, 50V	
C5022	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C5023	ECJ1VF1H103Z	C 0.01UF, Z, 50V	
C5024	F1G1A1040006	C 0.1UF, 10V	
C5025	F1G1A1040006	C 0.1UF, 10V	
C5026	F1J0J1060004	C 10UF, 6.3V	
C5027	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C5028	F1G1A1040006	C 0.1UF, 10V	
C5029	ECJ1VB1C104K	C 0.1UF, K, 16V	
C5030	ECJ1VC1H150J	C 15PF, J, 50V	
C5031	F1G1A1040006	C 0.1UF, 10V	
C5032	ECJ1VB1C104K	C 0.1UF, K, 16V	
C5033	F1G1A1040006	C 0.1UF, 10V	
C5034	ECJ1VC1H150J	C 15PF, J, 50V	

Ref. No.	Part No.	Part Name & Description	Remarks
C5036	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C5038	F1G1A1040006	C 0.1UF, 10V	
C5040	F1G1A1040006	C 0.1UF, 10V	
C5041	F1G1A1040006	C 0.1UF, 10V	
C5042	F1J0J1060004	C 10UF, 6.3V	
C5043	ECJ1VB1C104K	C 0.1UF, K, 16V	
C5044	ECJ1VB1C104K	C 0.1UF, K, 16V	
C5045	ECJ1VB1C104K	C 0.1UF, K, 16V	
C5046	ECJ1VB1C104K	C 0.1UF, K, 16V	
C5047	ECJ1VB1C104K	C 0.1UF, K, 16V	
C5048	ECJ1VB1C104K	C 0.1UF, K, 16V	
C5049	ECJ2FB0J225K	C 2.2UF, K, 6.3V	
C5050	ECJ1VC1H471J	C 470PF, J, 50V	
C5051	F1H0J1050013	C 1UF, J, 6.3V	
C5054	ECJ1VC1H101J	C 100PF, J, 50V	
C5055	F1G1A1040006	C 0.1UF, 10V	
C5056	ECJ1VF1C104Z	C 0.1UF, Z, 16V	
C5060	ECJ1VB1C104K	C 0.1UF, K, 16V	
C5061	ECJ1VB1C104K	C 0.1UF, K, 16V	
C800	ECKCNA101MB7	C 100PF, M,	
C801	F0CAF224A066	P 0.22UF, 300V	⚠
C803	F0CAF224A066	P 0.22UF, 300V	⚠
C804	F0CAF224A066	P 0.22UF, 300V	⚠
C805	ECKCNA101MB7	C 100PF, M,	⚠
C806	ECKCNA101MB7	C 100PF, M,	⚠
C807	ECKCNA101MB7	C 100PF, M,	⚠
C808	F0C2H105A011	P 1UF, 500V	
C810	ECKW3D471KBP	C 470PF, K, 2KV	
C811	ECJ1VB1H103K	C 0.01UF, K, 50V	
C812	ECJ1VB1H473K	C 0.047UF, K, 50V	
C814	ECJ1VB1H104K	C 0.1UF, K, 50V	
C815	ECJ1VB1H222K	C 2200PF, K, 50V	
C816	ECJ1VB1H102K	C 1000PF, K, 50V	
C818	ECA1HM470B	E 47UF, 50V	
C819	ECJ1VB1H472K	C 4700PF, K, 50V	
C820	F2B2W2210005	E 220UF, 450V	
C821	ECJ1VB1H223K	C 0.022UF,K,50V	
C822	ECJ1VB1H104K	C 0.1UF,K,50V	
C823	F2A1E221A487	E 220UF, 25V	
C824	ECJ1VB1H104K	C 0.1UF,K,50V	
C825	ECJ2FB1E105K	C 1UF,K, 25V	
C826	ECJ1VB1H103K	C 0.01UF, K, 50V	
C827	ECJ1VB1H472K	C 4700PF, K, 50V	
C828	F1H1H821A971	C 820PF,J,50V	
C829	F2A1H100A317	E 10UF, 50V	
C830	ECJ1VB1H102K	C 1000PF, K, 50V	
C831	F2A1H221A115	E 220UF, 50V	
C832	ECJ1VB1H104K	C 0.1UF, K, 50V	
C833	F2A1V5600014	E 56UF, 35V	
C834	F2A1V1020043	E 1000UF, 35V	
C835	F2A1V1020043	E 1000UF, 35V	
C837	ECJ2FB1C474K	C 0.47UF, K, 16V	
C840	F1J1E3340003	C 0.33UF, J , 25V	
C841	F1A2E681A002	C 680PF, 250V	
C842	F2A1V221A470	E 220UF, 35V	
C843	F2A1E221A487	E 220UF, 25V	
C845	ECQE6184JF	P 0.18UF, 630V	
C846	F1H1H821A971	C 820PF,J,50V	
C847	ECJ1VB1H104K	C 0.1UF, K, 16V	
C848	F0C2K393A035	P 0.039UF, 800V	
C849	ECJ1VB1H104K	C 0.1UF, K, 16V	
C852	F2A1C471A537	E 470UF, 16V	
C853	ECJ1VB1H104K	C 0.1UF, K, 50V	
C854	ECJ1VB1H333K	C 0.033UF, K, 50V	
C855	ECQV1H105JM	P 1UF, J, 50V	
C856	F2A1V221A470	E 220UF, 35V	
C857	ECJ1VB1H104K	C 0.1UF, K, 50V	
C858	F2A1C471A537	E 470UF, 16V	
C859	ECQV1H105JM	P 1UF, J, 50V	
C860	F2A1A102A230	E 1000UF, 10V	
C861	ECJ1VB1H104K	C 0.1UF, K, 50V	
C862	ECJ1VB1H104K	C 0.1UF, K, 50V	
C867	F1J0J1060004	C 10UF, 6.3V	

Ref. No.	Part No.	Part Name & Description	Remarks
C868	ECJ1VB1H103K	C 0.01UF, K, 50V	
C871	ECJ1VB1H103K	C 0.01UF, K, 50V	
C872	ECJ1VC1H101J	C 100PF, J, 50V	
C875	F2A1V101A246	E 100UF, 35V	
C876	F2A1C471A537	E 470UF, 16V	
C878	F1J1C103A074	C 0.01UF, 16V	
C880	ECJ1VB1H104K	C 0.1UF, K, 16V	
C881	ECJ1VB1H104K	C 0.1UF, K, 16V	
C882	ECJ1VB1H104K	C 0.1UF, K, 16V	
C883	ECJ1VB1C273K	C 0.027UF,K,16V	
C884	ECJ1VB1H104K	C 0.1UF, K, 16V	
C885	F2A1V221A470	E 220UF, 35V	
C886	F2A1C471A537	E 470UF, 16V	
C887	ECJ1VB1H104K	C 0.1UF, K, 16V	
C889	ECJ1VB1H104K	C 0.1UF, K, 16V	
C890	ECJ1VB1H103K	C 0.01UF, K, 50V	
C891	F1J1H472A590	C 4700PF, 50V	
C892	ECJ1VC1H101J	C 100PF, J, 50V	
C893	ECJ1VC1H221J	C 220PF, J, 50V	
C894	ECJ1VB1H103K	C 0.01UF, K, 50V	
C895	ECJ3YB1E106M	CAPACITOR	
C897	ECJ3YB1E106M	CAPACITOR	
	DIODES		
D1001	B3AGA0000072	LED	
D1102	MA2J72900L	DIODE	
D1106	MAZ80620ML	DIODE	
D1107	MAZ80620ML	DIODE	
D1108	MAZ80620ML	DIODE	
D1109	MAZ80620ML	DIODE	
D1110	MAZ80620ML	DIODE	
D1801	B0JCME000037	DIODE	
D1810	B0ACCK000012	DIODE	
D1811	B0ACCK000012	DIODE	
D1812	MAZ81500ML	DIODE	
D1813	B0ACCK000012	DIODE	
D1814	MAZ80620LL	DIODE	
D1815	B0ACCK000012	DIODE	
D1816	MAZ81200ML	DIODE	
D1817	B0ACCK000012	DIODE	
D1818	MAZ81300ML	DIODE	
D1819	B0ACCK000012	DIODE	
D1820	MAZ80560ML	DIODE	
D1821	B0ACCK000012	DIODE	
D1822	MAZ80560ML	DIODE	
D1823	B0ACCK000012	DIODE	
D1824	MAZ82700ML	DIODE	
D1825	B0ACCK000012	DIODE	
D1830	B0JCPG000005	DIODE	
D2005	MAZ82000ML	DIODE	
D2202	MAZ81400ML	DIODE	
D2203	MAZ81400ML	DIODE	
D2204	MAZ81400ML	DIODE	
D2205	MAZ81400ML	DIODE	
D2301	B0ACCK000012	DIODE	
D2304	B0ACCK000012	DIODE	
D2305	B0ACCK000012	DIODE	
D3001	MAZ81400ML	DIODE	
D3002	MAZ81400ML	DIODE	
D3003	MAZ81400ML	DIODE	
D3007	MAZ81400ML	DIODE	
D3008	MAZ81400ML	DIODE	
D3009	MAZ81400ML	DIODE	
D3013	MAZ81400ML	DIODE	
D3014	MAZ81400ML	DIODE	
D3015	MAZ81400ML	DIODE	
D3016	MAZ81400ML	DIODE	
D3017	MAZ81400ML	DIODE	
D3018	MAZ81400ML	DIODE	
D3021	MAZ81400ML	DIODE	
D3022	MAZ81400ML	DIODE	
D3023	MAZ81400ML	DIODE	
D3024	MAZ81400ML	DIODE	
D3025	MAZ81400ML	DIODE	

Ref. No.	Part No.	Part Name & Description	Remarks
D3026	MAZ81400ML	DIODE	
D3027	MAZ81400ML	DIODE	
D3028	MAZ81400ML	DIODE	
D3031	MAZ81400ML	DIODE	
D3032	MAZ81400ML	DIODE	
D3033	MAZ81400ML	DIODE	
D3200	MAZ80390LL	DIODE	
D3203	B0ACCK000012	DIODE	
D3204	B0ACCK000012	DIODE	
D3205	B0ACCK000012	DIODE	
D3206	B0ACCK000012	DIODE	
D3207	B0ACCK000012	DIODE	
D3208	B0ACCK000012	DIODE	
D3209	B0ACCK000012	DIODE	
D3210	B0ACCK000012	DIODE	
D3211	B0ACCK000012	DIODE	
D3215	B0ACCK000012	DIODE	
D3216	B0ACCK000012	DIODE	
D3217	B0ACCK000012	DIODE	
D3219	MA2J72900L	DIODE	
D3501	MAZ81400ML	DIODE	
D3502	MAZ81400ML	DIODE	
D3503	MAZ81400ML	DIODE	
D3504	MAZ81400ML	DIODE	
D3506	MAZ81400ML	DIODE	
D3507	MAZ81400ML	DIODE	
D3508	MAZ81400ML	DIODE	
D3509	MAZ81400ML	DIODE	
D3510	MAZ81400ML	DIODE	
D3511	MAZ81400ML	DIODE	
D3512	MAZ81400ML	DIODE	
D3513	MAZ81400ML	DIODE	
D4015	B0JCDD000002	DIODE	
D4121	B0ACCK000012	DIODE	
D5001	EZJZ0V80008B	VARISTOR	
D5002	EZJZ0V80008B	VARISTOR	
D5003	EZJZ0V80008B	VARISTOR	
D5004	EZJZ0V80008B	VARISTOR	
D5005	EZJZ0V80008B	VARISTOR	
D5006	EZJZ0V80008B	VARISTOR	
D5007	EZJZ0V80008B	VARISTOR	
D5008	EZJZ0V80008B	VARISTOR	
D5009	EZJZ0V80008B	VARISTOR	
D5010	EZJZ0V80008B	VARISTOR	
D5011	EZJZ1V800AA	VARISTOR	
D5012	EZJZ0V80008B	VARISTOR	
D5013	EZJZ0V80008B	VARISTOR	
D5014	EZJZ1V800AA	VARISTOR	
D5015	EZJZ1V800AA	VARISTOR	
D5016	EZJZ0V80008B	VARISTOR	
D5017	EZJZ1V800AA	VARISTOR	
D5018	EZJZ0V80008B	VARISTOR	
D5019	EZJZ0V80008B	VARISTOR	
D5020	EZJZ0V80008B	VARISTOR	
D5021	B0HCMM000014	DIODE	
D5022	B0HCMM000014	DIODE	
D5023	MA2J72800L	DIODE	
D5026	B0HCMM000014	DIODE	
D5027	B0HCMM000014	DIODE	
D800	B0EBNT000022	DIODE	
D801	ERZV10V621CS	VARISTOR	⚠
D803	ERZV10V621CS	VARISTOR	⚠
D804	B0HAJL000003	DIODE	
D805	B0HASR000014	DIODE	
D807	B0JAME000058	DIODE	
D808	B0JCNE000004	DIODE	
D809	MAZ80680ML	DIODE	
D810	MAZ81100ML	DIODE	
D811	MAZ80390HL	DIODE	
D812	B0JCNE000004	DIODE	
D813	MAZ81800ML	DIODE	
D815	MAZ80750ML	DIODE	
D816	MAZ42400MF	DIODE	

Ref. No.	Part No.	Part Name & Description	Remarks
D817	B0HAJL000003	DIODE	
D818	B0JBSL000026	DIODE	
D819	B0JBSL000026	DIODE	
D823	B0HAJL000003	DIODE	
D824	B0JCME000037	DIODE	
D832	B0JCME000037	DIODE	
D841	D4EAC6210002	VARISTOR	⚠
D844	RY24	DIODE	
D845	AU02A	DIODE	
D851	B0BA02800001	DIODE	⚠
D852	B0BA02800001	DIODE	⚠
D853	B0JCNE000004	DIODE	
D854	B0JANE000006	DIODE	
D856	B0JCME000037	DIODE	
D860	B0JANE000006	DIODE	
D862	B0JCPG000005	DIODE	
D863	B0JCME000037	DIODE	
D864	MA2J11100L	DIODE	
D885	B0JCME000037	DIODE	
D886	B0HCMM000014	DIODE	
D887	B0HCMM000014	DIODE	
D888	B0BA02700008	ZENER DIODE	
D889	B0JANE000006	DIODE	
D890	B0JCME000037	DIODE	
D891	B0JCME000037	DIODE	
D892	B0JCPG000005	DIODE	
D893	B0BA05600010	DIODE	
	INTEGRATED CIRCUITS		
IC1102	TVR4GAS763	EEPROM IC	
IC1803	C0EBF0000354	IC, RESET	
IC1804	C0CBCYE00001	IC	
IC1805	C0DBAFF00026	IC, POWER SUPPLY	
IC1806	C0DBAZG00048	IC	
IC2005	C1BB00000947	IC	
IC2200	C1AB00002941	IC	
IC4001	TVR4G51-3	ROM VERSION IC	
IC4003	C1ZBZ0003426	IC	
IC4004	C1ZBZ0003191	IC	
IC4005	C0ABFA000012	IC	
IC4006	C0JBAZ002205	IC, LOGIC	
IC5001	TVR4GAS767	EEPROM IC	
IC5002	TVR4GAS768	EEPROM IC	
IC5004	C1AB00002848	IC	
IC5005	C0DBFFD00003	IC, POWER SUPPLY	
IC800	C0DBBZG00004	IC	
IC801	C5HAZZZ00011	IC	⚠
IC805	AN1431T-TA	IC	
IC851	C0DAAZH00020	IC, POWER SUPPLY	
IC852	C0DAAZH00020	IC, POWER SUPPLY	
IC853	C0DBAZG00048	IC	
IC855	C0DAAZH00020	IC, POWER SUPPLY	
IC862	C0DBAZG00048	IC	
	COILS		
L1801	J0JHC0000078	BEAD CORE	
L1805	J0JHC0000078	BEAD CORE	
L1806	J0JHC0000078	BEAD CORE	
L1808	G0A470ZA0037	COIL	
L2200	J0JHC0000078	BEAD CORE	
L2201	J0JHC0000078	BEAD CORE	
L2202	G0A220ZA0033	COIL	
L2203	G0A220ZA0033	COIL	
L2204	G0A220ZA0033	COIL	
L2205	G0A220ZA0033	COIL	
L3800	J0JHC0000078	BEAD CORE	
L3801	G0C101K00023	COIL	
L3802	J0JCC0000241	BEAD CORE	
L3803	J0JCC0000241	BEAD CORE	
L4001	J0JHC0000078	BEAD CORE	
L4002	J0JHC0000078	BEAD CORE	
L4003	J0JHC0000078	BEAD CORE	
L4004	J0JHC0000078	BEAD CORE	
L4005	J0JHC0000078	BEAD CORE	

Ref. No.	Part No.	Part Name & Description	Remarks
L4006	J0JHC0000078	BEAD CORE	
L4007	J0JHC0000078	BEAD CORE	
L4008	J0JHC0000078	BEAD CORE	
L4009	J0JHC0000078	BEAD CORE	
L4010	J0JHC0000078	BEAD CORE	
L4011	J0JHC0000078	BEAD CORE	
L4012	J0JHC0000078	BEAD CORE	
L4014	J0JHC0000078	BEAD CORE	
L4015	J0JHC0000078	BEAD CORE	
L4016	ELJFA6R8KFB	CHIP INDUCTOR	
L4017	J0JCC0000241	BEAD CORE	
L4018	J0JCC0000241	BEAD CORE	
L4020	J0JHC0000078	BEAD CORE	
L4022	J0JHC0000078	BEAD CORE	
L4502	J0JHC0000078	BEAD CORE	
L4904	J0JHC0000078	BEAD CORE	
L5003	J0JHC0000078	BEAD CORE	
L5004	J0JHC0000078	BEAD CORE	
L5005	J0JHC0000078	BEAD CORE	
L5006	J0JHC0000078	BEAD CORE	
L5007	J0JHC0000078	BEAD CORE	
L5009	J0JHC0000078	BEAD CORE	
L5010	J0JBC0000080	BEADS CORE	
L5011	J0JHC0000078	BEAD CORE	
L5012	J0JHC0000078	BEAD CORE	
L5013	J0JHC0000078	BEAD CORE	
L837	J0JKA0000038	BEAD CORE	
L839	TLPF095	CHOKE COIL	
L840	EXCELDR35V	CORE	
L843	EXCELDR35V	CORE	
L844	G0C101K00041	COIL	
L865	G0A220ZA0033	COIL	
L867	J0JKB0000034	EMI FILTER	
L868	EXCELDR35V	CORE	
L870	G0A220ZA0033	COIL	
L871	TLPF095	CHOKE COIL	
L872	TALL08T100KA	INDUCTION COIL	
L880	J0JKA0000024	EMI FILTER	
L881	J0JKA0000024	EMI FILTER	
	TRANSISTORS		
Q1002	2SA207700L	TRANSISTOR	
Q1004	2SA207700L	TRANSISTOR	
Q1006	2SC584500L	TRANSISTOR	
Q1007	2SC584500L	TRANSISTOR	
Q1217	2SA207700L	TRANSISTOR	
Q1218	2SC584500L	TRANSISTOR	
Q1801	B1DHDC000028	TRANSISTOR	
Q1802	UNR521100L	TRANSISTOR	
Q1803	2SC584500L	TRANSISTOR	
Q1804	2SA207700L	TRANSISTOR	
Q1805	2SA207700L	TRANSISTOR	
Q1806	2SC584500L	TRANSISTOR	
Q2019	UNR521100L	TRANSISTOR	
Q2020	UNR521100L	TRANSISTOR	
Q2031	B1CBHD000002	TRANSISTOR	
Q2032	B1CBHD000002	TRANSISTOR	
Q2303	2SD0601A0L	TRANSISTOR	
Q2305	2SA207700L	TRANSISTOR	
Q2306	2SA207700L	TRANSISTOR	
Q2312	2SD0601A0L	TRANSISTOR	
Q2313	2SC584500L	TRANSISTOR	
Q3001	2SC584500L	TRANSISTOR	
Q3002	2SA207700L	TRANSISTOR	
Q3003	2SC584500L	TRANSISTOR	
Q3005	2SC584500L	TRANSISTOR	
Q3006	2SC584500L	TRANSISTOR	
Q3007	2SA207700L	TRANSISTOR	
Q3200	2SC584500L	TRANSISTOR	
Q3201	2SC584500L	TRANSISTOR	
Q3202	2SC584500L	TRANSISTOR	
Q3204	2SA207700L	TRANSISTOR	
Q3205	2SD0602ASL	TRANSISTOR	
Q3801	2SA207700L	TRANSISTOR	
Q3806	2SC584500L	TRANSISTOR	
Q3807	2SC584500L	TRANSISTOR	
Q4001	2SC584500L	TRANSISTOR	
Q4002	2SA207700L	TRANSISTOR	
Q4003	2SA207700L	TRANSISTOR	
Q4020	2SC584500L	TRANSISTOR	
Q4021	2SC584500L	TRANSISTOR	
Q4049	2SC584500L	TRANSISTOR	
Q4050	2SA207700L	TRANSISTOR	
Q4120	UNR521100L	TRANSISTOR	
Q4121	UNR521100L	TRANSISTOR	
Q4330	2SD0601A0L	TRANSISTOR	
Q4501	2SC584500L	TRANSISTOR	
Q4502	2SC584500L	TRANSISTOR	
Q5001	2SC584500L	TRANSISTOR	
Q5002	2SC584500L	TRANSISTOR	
Q5003	2SC584500L	TRANSISTOR	
Q5004	2SC584500L	TRANSISTOR	
Q5008	B1MBACA00008	TRANSISTOR	
Q5009	B1MBACA00008	TRANSISTOR	
Q5019	2SC584500L	TRANSISTOR	
Q5020	2SC584500L	TRANSISTOR	
Q5021	2SC584500L	TRANSISTOR	
Q5022	UNR521100L	TRANSISTOR	
Q5023	B1MBACA00008	TRANSISTOR	
Q5024	2SC584500L	TRANSISTOR	
Q5025	UNR521100L	TRANSISTOR	
Q801	B1DFBR000008	TRANSISTOR	⚠
Q802	2SD0601A0L	TRANSISTOR	
Q803	2SD0601A0L	TRANSISTOR	
Q804	2SD0601A0L	TRANSISTOR	
Q805	2SD0601A0L	TRANSISTOR	
Q806	2SD0601A0L	TRANSISTOR	
Q807	B1BACG000035	TRANSISTOR	
Q808	B1BACD000014	TRANSISTOR	
Q809	2SD0601A0L	TRANSISTOR	
Q810	2SD0601A0L	TRANSISTOR	
Q811	2SD0601A0L	TRANSISTOR	
Q814	B1DEHR000005	TRANSISTOR	
Q843	B1CGRD000002	TRANSISTOR	
Q845	2SD0601A0L	TRANSISTOR	
Q847	2SD0601A0L	TRANSISTOR	
Q848	2SD0601A0L	TRANSISTOR	
Q849	2SD0601A0L	TRANSISTOR	
Q881	2SD0601A0L	TRANSISTOR	
Q890	B1CHRE000003	TRANSISTOR	
Q891	2SD0601A0L	TRANSISTOR	
Q892	UNR221900L	TRANSISTOR	
	RESISTORS		
R1002	ERJ3GEYJ473	M 47KOHM,J,1/16W	
R1003	ERJ3GEYJ102	M 1KOHM,J,1/16W	
R1006	ERJ3GEYJ511	M 510OHM,J,1/16W	
R1008	ERJ3GEYJ473	M 47KOHM,J,1/16W	
R1010	ERJ3GEYJ473	M 47KOHM,J,1/16W	
R1015	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R1017	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R1019	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R1020	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R1022	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	
R1024	ERJ3GEY0R00	M 0OHM,J,1/16W	
R1025	ERJ3GEY0R00	M 0OHM,J,1/16W	
R1026	ERJ3GEYJ204	M 200KOHM,J,1/16W	
R1028	ERJ3GEYJ471	M 470OHM,J,1/16W	
R1029	ERJ3GEYJ102	M 1KOHM,J,1/16W	
R1167	ERJ3GEY0R00	M 0OHM,J,1/16W	
R1171	ERJ3GEYJ220	M 22OHM,J,1/16W	
R1172	ERJ3GEYJ220	M 22OHM,J,1/16W	
R1173	ERJ3GEYJ473	M 47KOHM,J,1/16W	
R1174	ERJ3GEYJ101	M 100OHM,J,1/16W	
R1175	ERJ3GEYJ101	M 100OHM,J,1/16W	
R1176	ERJ3GEYJ101	M 100OHM,J,1/16W	
R1177	ERJ3GEYJ101	M 100OHM,J,1/16W	
R1181	ERJ3GEY0R00	M 0OHM,J,1/16W	

Ref. No.	Part No.	Part Name & Description	Remarks
R1236	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R1237	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R1238	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R1239	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R1240	ERJ3GEYJ473	M 47KOHM,J,1/16W	
R1241	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R1242	ERJ3GEYJ223	M 22KOHM,J,1/16W	
R1243	ERJ3GEYJ473	M 47KOHM,J,1/16W	
R1246	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	
R1247	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	
R1248	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	
R1700	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R1701	ERJ3GEYJ393	M 39KOHM,J,1/16W	
R1702	ERJ3GEYJ393	M 39KOHM,J,1/16W	
R1801	ERJ6GEYJ102	M 1KOHM,J,1/10W	
R1811	D0GD103JA017	F 10KOHM,J,1/16W	
R1812	ERJ3GEYJ333	M 33KOHM,J,1/16W	
R1813	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R1814	ERJ3GEY0R00	M 0OHM,J,1/16W	
R1815	D0GD103JA017	F 10KOHM,J,1/16W	
R1816	ERJ3GEYJ223	M 22KOHM,J,1/16W	
R1818	ERJ3GEYJ102	M 1KOHM,J,1/16W	
R1819	ERJ3EKF5231	M5.23KOHM, 1/16W	
R1820	ERJ3EKF2202	M 22KOHM,F,1/16W	
R1823	ERJ3GEYJ473	M 47KOHM,J,1/16W	
R1824	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R1825	ERJ3GEYJ473	M 47KOHM,J,1/16W	
R1826	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R1827	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R1828	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R1829	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R1830	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R1831	ERJ3GEYJ102	M 1KOHM,J,1/16W	
R1832	ERJ3GEYJ102	M 1KOHM,J,1/16W	
R1834	ERJ3GEY0R00	M 0OHM,J,1/16W	
R1835	ERJ3EKF2871	M 2.87KOHM,F,1/16W	
R1836	ERJ6ENF1331	M1.33KOHM, 1/10W	
R2096	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R2097	ERJ2GEJ393X	F 10KOHM,J,1/16W	
R2100	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2112	ERJ2GEJ104X	F 100KOHM,J,1/16W	
R2113	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R2120	ERJ2GE0R00X	F 0OHM,J,1/10W	
R2121	ERJ2GEJ104X	F 100KOHM,J,1/16W	
R2122	ERJ2GEJ154X	F 150KOHM,J,1/16W	
R2148	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	
R2149	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	
R2152	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R2153	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R2154	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R2200	ERJ2GEJ393X	F 10KOHM,J,1/16W	
R2201	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R2203	ERJ3GEYJ101	M 100OHM,J,1/16W	
R2204	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2205	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2206	ERJ3GEYJ101	M 100OHM,J,1/16W	
R2207	ERJ3GEYJ122	M 1.2KOHM,J,1/16W	
R2208	ERJ3GEYJ122	M 1.2KOHM,J,1/16W	
R2210	ERJ6GEY0R00	M 0OHM,J,1/10W	
R2212	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2215	ERJ2GEJ104X	F 100KOHM,J,1/16W	
R2216	ERJ2GEJ104X	F 100KOHM,J,1/16W	
R2220	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2221	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2222	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2223	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2224	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2225	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2226	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2227	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2228	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2229	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2230	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2231	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2232	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2233	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2234	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2235	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2237	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2238	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2239	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2240	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2241	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2242	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2243	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2244	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2245	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2246	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2247	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2248	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2249	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2250	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2251	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2252	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2253	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2254	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2255	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2260	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2261	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2262	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2263	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2264	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2265	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2266	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2267	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2268	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2269	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2270	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2271	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2272	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2273	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2274	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2275	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2303	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R2304	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R2306	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R2307	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R2308	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R2310	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	
R2313	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R2314	ERJ3GEYJ105	M 1MOHM,J,1/16W	
R2381	ERJ3GEYJ102	M 1KOHM,J,1/16W	
R2382	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R2383	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R2384	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2500	ERJ3GEY0R00	M 0OHM,J,1/16W	
R2501	ERJ3EKF6801	F 6.8KOHM,J,1/10W	
R2502	ERJ3EKF1202	M 12KOHM,F,1/16W	
R2503	ERJ3EKF2202	M 22KOHM,F,1/16W	
R2504	ERJ3EKF6802	M 68KOHM,F,1/16W	
R3001	ERJ3GEYJ184	M 180KOHM,J,1/16W	
R3002	ERJ3GEYJ184	M 180KOHM,J,1/16W	
R3005	ERJ6ENF75R0	M 75OHM, 1/10W	
R3006	ERJ3GEYJ184	M 180KOHM,J,1/16W	
R3007	ERJ3GEYJ184	M 180KOHM,J,1/16W	
R3010	ERJ6ENF75R0	M 75OHM, 1/10W	
R3011	ERJ3GEYJ184	M 180KOHM,J,1/16W	
R3012	ERJ3GEYJ184	M 180KOHM,J,1/16W	
R3013	ERJ6ENF75R0	M 75OHM, 1/10W	
R3014	ERJ6ENF75R0	M 75OHM, 1/10W	
R3015	ERJ6ENF75R0	M 75OHM, 1/10W	
R3019	ERJ6ENF75R0	M 75OHM, 1/10W	
R3020	ERJ3GEYJ431	M 430OHM,J,1/16W	
R3021	ERJ3GEYJ431	M 430OHM,J,1/16W	
R3022	D0GD331JA017	F 330OHM,J,1/16W	
R3023	D0GD471JA017	F 470OHM,J,1/16W	

Ref. No.	Part No.	Part Name & Description	Remarks
R3024	D0GD271JA017	F 270OHM,J,1/16W	
R3026	ERJ3GEYJ473	M 47KOHM,J,1/16W	
R3027	ERJ3GEYJ303	M 30KOHM,J,1/16W	
R3034	ERJ3GEYJ184	M 180KOHM,J,1/16W	
R3035	ERJ3GEYJ101	M 100OHM,J,1/16W	
R3036	ERJ3GEYJ101	M 100OHM,J,1/16W	
R3037	ERJ3GEYJ101	M 100OHM,J,1/16W	
R3038	ERJ3GEYJ101	M 100OHM,J,1/16W	
R3039	ERJ3GEYJ105	M 1MOHM,J,1/16W	
R3040	ERJ3GEYJ274	M 270KOHM,J,1/16W	
R3041	ERJ3GEYJ473	M 47KOHM,J,1/16W	
R3042	ERJ3GEYJ102	M 1KOHM,J,1/16W	
R3043	ERJ3GEYJ184	M 180KOHM,J,1/16W	
R3045	ERJ3GEY0R00	M 0OHM,J,1/16W	
R3110	ERJ3GEYJ102	M 1KOHM,J,1/16W	
R3112	ERJ3GEYJ102	M 1KOHM,J,1/16W	
R3118	ERJ3GEYJ102	M 1KOHM,J,1/16W	
R3120	ERJ3GEYJ102	M 1KOHM,J,1/16W	
R3129	ERJ3GEYJ102	M 1KOHM,J,1/16W	
R3130	ERJ3GEYJ102	M 1KOHM,J,1/16W	
R3200	ERJ3GEYJ223	M 22KOHM,J,1/16W	
R3201	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R3203	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R3204	ERJ14YJ222U	F 2.2KOHM,J,1/10W	
R3205	ERJ14YJ222U	F 2.2KOHM,J,1/10W	
R3206	ERJ3GEYJ223	M 22KOHM,J,1/16W	
R3207	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	
R3208	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R3209	ERJ3GEYJ473	M 47KOHM,J,1/16W	
R3210	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	
R3215	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R3218	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R3221	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R3227	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R3232	ERJ6GEY0R00	M 0OHM,J,1/10W	
R3233	ERJ3GEYJ473	M 47KOHM,J,1/16W	
R3234	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	
R3235	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	
R3236	ERJ3GEYJ223	M 22KOHM,J,1/16W	
R3237	ERJ3GEYJ473	M 47KOHM,J,1/16W	
R3238	ERJ3GEY0R00	M 0OHM,J,1/16W	
R3240	ERJ6ENF75R0	M 75OHM, 1/10W	
R3241	ERJ6ENF75R0	M 75OHM, 1/10W	
R3242	ERJ6ENF75R0	M 75OHM, 1/10W	
R3243	ERJ3GEYJ220	M 22OHM,J,1/16W	
R3244	ERJ3GEYJ220	M 22OHM,J,1/16W	
R3245	ERJ3GEYJ220	M 22OHM,J,1/16W	
R3246	ERJ3GEYJ101	M 100OHM,J,1/16W	
R3247	ERJ3GEYJ101	M 100OHM,J,1/16W	
R3248	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	
R3249	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	
R3501	ERJ6GEY0R00	M 0OHM,J,1/10W	
R3502	ERJ6ENF75R0	M 75OHM, 1/10W	
R3503	ERJ6GEY0R00	M 0OHM,J,1/10W	
R3504	ERJ6GEY0R00	M 0OHM,J,1/10W	
R3505	ERJ6ENF75R0	M 75OHM, 1/10W	
R3507	ERJ6GEY0R00	M 0OHM,J,1/10W	
R3508	ERJ6GEY0R00	M 0OHM,J,1/10W	
R3509	ERJ6ENF75R0	M 75OHM, 1/10W	
R3510	D0GD102JA017	F 1KOHM,J,1/10W	
R3511	ERJ6GEY0R00	M 0OHM,J,1/10W	
R3512	D0GD102JA017	F 1KOHM,J,1/10W	
R3513	D0GD184JA017	F 1KOHM,J,1/10W	
R3514	D0GD184JA017	F 1KOHM,J,1/10W	
R3516	ERJ3GEY0R00	M 0OHM,J,1/16W	
R3517	ERJ6GEY0R00	M 0OHM,J,1/10W	
R3800	ERJ3GEYJ101	M 100OHM,J,1/16W	
R3869	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R3879	ERJ3GEYJ221	M 220OHM,J,1/16W	
R3882	ERJ3GEYJ102	M 1KOHM,J,1/16W	
R3883	ERJ3GEYJ331	M 330OHM,J,1/16W	
R3884	ERJ3GEY0R00	M 0OHM,J,1/16W	
R3885	ERJ3GEY0R00	M 0OHM,J,1/16W	

Ref. No.	Part No.	Part Name & Description	Remarks
R3911	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R3912	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	
R3914	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	
R3915	ERJ3GEYJ122	M 1.2KOHM,J,1/16W	
R3916	ERJ3GEYJ471	M 470OHM,J,1/16W	
R3917	ERJ3GEYJ561	M 560OHM,J,1/16W	
R3919	ERJ12Y0R00U	F 0OHM,J,1/10W	
R4001	ERJ3GEYJ273	M 27KOHM,J,1/16W	
R4003	ERJ3GEYJ102	M 1KOHM,J,1/16W	
R4005	ERJ2GEJ103X	F 10KOHM,J,1/10W	
R4007	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4008	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4009	EXB2HV104JV	RESISTOR ARRAY	
R4011	ERJ3GEYJ102	M 1KOHM,J,1/16W	
R4012	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4014	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4015	ERJ2GEJ104X	F 100KOHM,J,1/10W	
R4016	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4017	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4018	ERJ2GEJ473X	F 47KOHM,J,1/10W	
R4019	ERJ3GEYJ473	M 47KOHM,J,1/16W	
R4020	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4021	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4022	ERJ3GEYJ473	M 47KOHM,J,1/16W	
R4023	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4024	ERJ3GEY0R00	M 0OHM,J,1/16W	
R4025	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4026	ERJ3GEY0R00	M 0OHM,J,1/16W	
R4027	ERJ3GEY0R00	M 0OHM,J,1/16W	
R4028	ERJ3GEYJ220	M 22OHM,J,1/16W	
R4031	ERJ3GEY0R00	M 0OHM,J,1/16W	
R4032	ERJ3GEY0R00	M 0OHM,J,1/16W	
R4033	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4034	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4038	ERJ2GEJ822X	F 8.2KOHM,J,1/10W	
R4047	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4048	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4049	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4050	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4053	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4055	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4057	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4058	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4059	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4061	ERJ3GEYJ220	M 22OHM,J,1/16W	
R4062	ERJ3GEYJ102	M 1KOHM,J,1/16W	
R4063	ERJ3GEYJ220	M 22OHM,J,1/16W	
R4064	ERJ3GEYJ473	M 47KOHM,J,1/16W	
R4065	ERJ3GEYJ220	M 22OHM,J,1/16W	
R4066	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4069	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4071	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4072	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4077	ERJ3GEYJ220	M 22OHM,J,1/16W	
R4078	ERJ3GEYJ102	M 1KOHM,J,1/16W	
R4079	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4080	ERJ3GEYJ220	M 22OHM,J,1/16W	
R4081	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4082	ERJ3GEY0R00	M 0OHM,J,1/16W	
R4089	ERJ3GEYJ151	M 150OHM,J,1/16W	
R4092	ERJ3GEYJ102	M 1KOHM,J,1/16W	
R4093	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4094	ERJ3GEYJ151	M 150OHM,J,1/16W	
R4097	ERJ3GEYJ151	M 150OHM,J,1/16W	
R4098	ERJ3GEYJ151	M 150OHM,J,1/16W	
R4099	ERJ3GEYJ151	M 150OHM,J,1/16W	
R4100	ERJ3GEYJ151	M 150OHM,J,1/16W	
R4101	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4102	ERJ3GEYJ151	M 150OHM,J,1/16W	
R4103	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4104	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	
R4106	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4107	ERJ3GEYJ151	M 150OHM,J,1/16W	

Ref. No.	Part No.	Part Name & Description	Remarks
R4108	ERJ3GEY0R00	M 0OHM,J,1/16W	
R4109	ERJ3GEYJ151	M 150OHM,J,1/16W	
R4110	ERJ3GEYJ102	M 1KOHM,J,1/16W	
R4111	ERJ3GEYJ151	M 150OHM,J,1/16W	
R4112	ERJ3GEY0R00	M 0OHM,J,1/16W	
R4113	ERJ3GEYJ151	M 150OHM,J,1/16W	
R4114	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4115	ERJ3GEYJ151	M 150OHM,J,1/16W	
R4116	ERJ3GEYJ102	M 1KOHM,J,1/16W	
R4117	ERJ3GEYJ151	M 150OHM,J,1/16W	
R4118	ERJ3GEYJ471	M 470OHM,J,1/16W	
R4119	ERJ3GEY0R00	M 0OHM,J,1/16W	
R4120	ERJ3GEY0R00	M 0OHM,J,1/16W	
R4121	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	
R4122	ERJ3GEY0R00	M 0OHM,J,1/16W	
R4123	ERJ3GEYJ151	M 150OHM,J,1/16W	
R4124	ERJ3GEY0R00	M 0OHM,J,1/16W	
R4125	ERJ3GEYJ151	M 150OHM,J,1/16W	
R4126	ERJ3GEYJ151	M 150OHM,J,1/16W	
R4127	ERJ3GEYJ151	M 150OHM,J,1/16W	
R4128	ERJ2GEJ103X	F 10KOHM,J,1/10W	
R4129	ERJ3GEYJ182	M 1.8KOHM,J,1/16W	
R4130	ERJ3GEY0R00	M 0OHM,J,1/16W	
R4131	ERJ3GEYJ221	M 220OHM,J,1/16W	
R4132	ERJ3GEYJ221	M 220OHM,J,1/16W	
R4133	ERJ3GEY0R00	M 0OHM,J,1/16W	
R4134	ERJ3GEYJ331	M 330OHM,J,1/16W	
R4135	ERJ3GEYJ331	M 330OHM,J,1/16W	
R4136	ERJ3GEYJ223	M 22KOHM,J,1/16W	
R4138	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4139	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4140	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	
R4141	ERJ3GEYJ121	M 120OHM,J,1/16W	
R4146	ERJ3GEY0R00	M 0OHM,J,1/16W	
R4148	ERJ3GEY0R00	M 0OHM,J,1/16W	
R4150	ERJ3GEY0R00	M 0OHM,J,1/16W	
R4151	ERJ3GEY0R00	M 0OHM,J,1/16W	
R4152	ERJ3GEY0R00	M 0OHM,J,1/16W	
R4186	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4187	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4188	ERJ3GEYJ102	M 1KOHM,J,1/16W	
R4189	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4191	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4192	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4193	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4194	ERJ3EKF1000	F 100OHM,J,1/10W	
R4195	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4196	ERJ3EKF1000	F 100OHM,J,1/10W	
R4197	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4198	ERJ3EKF1000	F 100OHM,J,1/10W	
R4199	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4200	ERJ3EKF1000	F 100OHM,J,1/10W	
R4201	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4202	ERJ3EKF1000	F 100OHM,J,1/10W	
R4203	ERJ3GEYJ102	M 1KOHM,J,1/16W	
R4204	ERJ3EKF1600	F 160OHM,J,1/10W	
R4205	ERJ3EKF1600	F 160OHM,J,1/10W	
R4206	ERJ3EKF1600	F 160OHM,J,1/10W	
R4207	ERJ3EKF1600	F 160OHM,J,1/10W	
R4208	ERJ3EKF1600	F 160OHM,J,1/10W	
R4209	ERJ3GEY0R00	M 0OHM,J,1/16W	
R4210	ERJ3GEY0R00	M 0OHM,J,1/16W	
R4213	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4214	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4215	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4216	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4217	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4218	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4219	ERJ3GEYJ102	M 1KOHM,J,1/16W	
R4220	ERJ3GEYJ102	M 1KOHM,J,1/16W	
R4221	ERJ3GEYJ102	M 1KOHM,J,1/16W	
R4222	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4225	ERJ3GEYJ103	M 10KOHM,J,1/16W	

Ref. No.	Part No.	Part Name & Description	Remarks
R4226	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	
R4228	ERJ3GEYJ102	M 1KOHM,J,1/16W	
R4229	ERJ3GEYJ392	M 3.9KOHM,J,1/16W	
R4230	ERJ3GEYJ392	M 3.9KOHM,J,1/16W	
R4231	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4232	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4233	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4234	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4235	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4236	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4237	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4238	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4239	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4240	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4241	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4242	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4243	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4244	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4245	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4246	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4247	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4248	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4249	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4251	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4253	D0GB1R8JA008	F 1.8OHM,J,1/10W	
R4254	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4255	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R4256	ERJ3GEY0R00	M 0OHM,J,1/16W	
R4257	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4258	ERJ3GEYJ473	M 47KOHM,J,1/16W	
R4259	ERJ3GEYJ473	M 47KOHM,J,1/16W	
R4272	ERJ3GEYJ221	M 220OHM,J,1/16W	
R4273	ERJ3GEYJ221	M 220OHM,J,1/16W	
R4274	ERJ3GEYJ221	M 220OHM,J,1/16W	
R4275	ERJ3GEYJ221	M 220OHM,J,1/16W	
R4276	ERJ3GEYJ221	M 220OHM,J,1/16W	
R4277	ERJ3GEYJ221	M 220OHM,J,1/16W	
R4278	ERJ3GEYJ221	M 220OHM,J,1/16W	
R4280	ERJ3GEYJ221	M 220OHM,J,1/16W	
R4281	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	
R4282	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	
R4325	ERJ2GE0R00X	F 0OHM,J,1/10W	
R4326	ERJ2GE0R00X	F 0OHM,J,1/10W	
R4328	ERJ3GEYJ101	M 100OHM,J,1/16W	
R4331	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4334	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4335	ERJ3GEYJ473	M 47KOHM,J,1/16W	
R4336	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4337	ERJ3GEYJ680	M 68OHM,J,1/16W	
R4338	ERJ3GEYJ680	M 68OHM,J,1/16W	
R4501	ERJ3GEYJ473	M 47KOHM,J,1/16W	
R4502	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4504	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4505	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R4506	ERJ3GEYJ473	M 47KOHM,J,1/16W	
R4750	ERJ2GE0R00X	F 0OHM,J,1/10W	
R4751	ERJ2GE0R00X	F 0OHM,J,1/10W	
R4752	ERJ2GE0R00X	F 0OHM,J,1/10W	
R4753	ERJ2GE0R00X	F 0OHM,J,1/10W	
R4754	ERJ2GE0R00X	F 0OHM,J,1/10W	
R4755	ERJ2GE0R00X	F 0OHM,J,1/10W	
R4756	ERJ2GE0R00X	F 0OHM,J,1/10W	
R4757	ERJ2GE0R00X	F 0OHM,J,1/10W	
R4758	ERJ2GE0R00X	F 0OHM,J,1/10W	
R4759	ERJ2GE0R00X	F 0OHM,J,1/10W	
R4810	ERJ3GEYJ223	M 22KOHM,J,1/16W	
R4811	ERJ3GEYJ333	M 33KOHM,J,1/16W	
R5001	ERJ3GEYJ390	M 39OHM,J,1/16W	
R5002	ERJ3GEYJ390	M 39OHM,J,1/16W	
R5005	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R5006	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R5007	ERJ3GEYJ2R7	M 2.7OHM,J,1/16W	
R5008	ERJ3GEYJ2R7	M 2.7OHM,J,1/16W	

Ref. No.	Part No.	Part Name & Description	Remarks
R5009	ERJ3GEYJ2R7	M 2.7OHM,J,1/16W	
R5010	ERJ3GEYJ2R7	M 2.7OHM,J,1/16W	
R5011	ERJ3GEYJ2R7	M 2.7OHM,J,1/16W	
R5012	ERJ3GEYJ2R7	M 2.7OHM,J,1/16W	
R5013	ERJ3GEYJ2R7	M 2.7OHM,J,1/16W	
R5014	ERJ3GEYJ2R7	M 2.7OHM,J,1/16W	
R5015	ERJ3GEYJ2R7	M 2.7OHM,J,1/16W	
R5016	ERJ3GEYJ2R7	M 2.7OHM,J,1/16W	
R5017	ERJ3GEYJ2R7	M 2.7OHM,J,1/16W	
R5018	ERJ3GEYJ2R7	M 2.7OHM,J,1/16W	
R5019	ERJ3GEYJ2R7	M 2.7OHM,J,1/16W	
R5020	ERJ3GEYJ2R7	M 2.7OHM,J,1/16W	
R5021	ERJ3GEYJ2R7	M 2.7OHM,J,1/16W	
R5022	ERJ3GEYJ2R7	M 2.7OHM,J,1/16W	
R5023	ERJ2GE0R00X	F 0OHM,J,1/10W	
R5024	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R5025	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R5026	ERJ2GE0R00X	F 0OHM,J,1/10W	
R5027	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R5028	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R5029	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R5030	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R5031	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R5032	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R5035	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R5036	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R5038	ERJ3GEYJ473	M 47KOHM,J,1/16W	
R5039	ERJ3GEYJ560	M 56OHM,J,1/16W	
R5040	ERJ3GEYJ473	M 47KOHM,J,1/16W	
R5041	ERJ3GEYJ560	M 56OHM,J,1/16W	
R5043	ERJ3GEYJ560	M 56OHM,J,1/16W	
R5045	ERJ3GEYJ560	M 56OHM,J,1/16W	
R5048	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R5049	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R5052	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R5053	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R5054	ERJ3GEYJ101	M 100OHM,J,1/16W	
R5055	ERJ3GEYJ101	M 100OHM,J,1/16W	
R5057	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R5058	ERJ3GEYJ330	M 33OHM,J,1/16W	
R5060	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R5061	ERJ3GEYJ220	M 22OHM,J,1/16W	
R5062	ERJ3GEYJ220	M 22OHM,J,1/16W	
R5063	ERJ3GEYJ330	M 33OHM,J,1/16W	
R5064	ERJ3GEYJ220	M 22OHM,J,1/16W	
R5065	ERJ3GEYJ330	M 33OHM,J,1/16W	
R5066	ERJ3GEYJ220	M 22OHM,J,1/16W	
R5067	ERJ3GEYJ330	M 33OHM,J,1/16W	
R5068	ERJ3GEYJ220	M 22OHM,J,1/16W	
R5070	ERJ3GEYJ220	M 22OHM,J,1/16W	
R5073	ERJ3GEYJ105	M 1MOHM,J,1/16W	
R5075	ERJ3GEYJ821	M 820OHM,J,1/16W	
R5077	ERJ3GEYJ182	M 1.8KOHM,J,1/16W	
R5078	ERJ3GEYJ220	M 22OHM,J,1/16W	
R5080	ERJ3GEYJ220	M 22OHM,J,1/16W	
R5081	ERJ3GEYJ182	M 1.8KOHM,J,1/16W	
R5082	ERJ3GEYJ220	M 22OHM,J,1/16W	
R5083	EXB38V220JV	RESISTOR ARRAY	
R5084	EXB2HV220JV	RESISTOR ARRAY	
R5085	ERJ2GEJ220X	F 22OHM,J,1/10W	
R5086	EXB2HV220JV	RESISTOR ARRAY	
R5087	EXB2HV220JV	RESISTOR ARRAY	
R5088	ERJ3GEY0R00	M 0OHM,J,1/16W	
R5091	ERJ3GEY0R00	M 0OHM,J,1/16W	
R5093	ERJ3EKF2612	F 26.1KOHM,J,1/10W	
R5094	ERJ3GEYJ221	M 220OHM,J,1/16W	
R5095	ERJ3EKF4703	F 470KOHM,J,1/10W	
R5096	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R5097	ERJ3GEYJ473	M 47KOHM,J,1/16W	
R5098	ERJ3EKF2203	F 220KOHM,J,1/10W	
R5099	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	
R5100	D0GB475JA008	F 4.7MOHM,J,1/10W	
R5101	ERJ3GEY0R00	M 0OHM,J,1/16W	
R5102	ERJ3GEYJ223	M 22KOHM,J,1/16W	
R5103	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R5104	ERJ3GEYJ102	M 1KOHM,J,1/16W	
R5105	ERJ3GEYJ103	M 10KOHM,J,1/16W	
R5106	ERJ3GEYJ102	M 1KOHM,J,1/16W	
R5107	EXB2HV104JV	RESISTOR ARRAY	
R5108	EXB2HV104JV	RESISTOR ARRAY	
R5109	EXB2HV104JV	RESISTOR ARRAY	
R5110	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R5111	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R5112	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R5113	ERJ3GEYJ104	M 100KOHM,J,1/16W	
R5114	ERJ3GEY0R00	M 0OHM,J,1/16W	
R5116	ERJ3GEY0R00	M 0OHM,J,1/16W	
R5117	ERJ3GEY0R00	M 0OHM,J,1/16W	
R5118	ERJ3GEY0R00	M 0OHM,J,1/16W	
R5119	ERJ3GEY0R00	M 0OHM,J,1/16W	
R5124	ERJ3GEY0R00	M 0OHM,J,1/16W	
R5125	ERJ3GEYJ220	M 22OHM,J,1/16W	
R5126	ERJ3GEYJ220	M 22OHM,J,1/16W	
R5130	ERJ3GEYJ473	M 47KOHM,J,1/16W	
R5131	ERJ3GEYJ473	M 47KOHM,J,1/16W	
R5132	ERJ3GEYJ220	M 22OHM,J,1/16W	
R800	ERJ6GEYJ514	M 510KOHM,J, 1/10W	
R801	ERC12ZGK225D	S 2.2MOHM,J, 1/2W	⚠
R802	ERJ6GEYJ334	M 330KOHM,J,1/10W	
R803	ERJ6GEYJ334	M 330KOHM,J,1/10W	
R804	ERJ6GEYJ334	M 330KOHM,J,1/10W	
R805	ERJ6GEYJ334	M 330KOHM,J,1/10W	
R806	ERJ6GEYJ153	M 15KOHM,J,1/10W	
R807	ERJ6GEYJ223	M 22KOHM,J,1/10W	
R808	ERJ6GEYJ473	M 47KOHM,J,1/10W	
R809	ERDS2TJ330	C 33OHM,J, 1/4W	
R810	ERDS2TJ121	C 120OHM,J, 1/4W	
R812	ERJ6GEYJ473	M 47KOHM,J,1/10W	
R814	ERJ6GEYJ624	M 620KOHM,J,1/10W	
R815	ERJ6GEYJ624	M 620KOHM,J,1/10W	
R816	ERJ6GEYJ624	M 620KOHM,J,1/10W	
R817	ERJ6GEYJ624	M 620KOHM,J,1/10W	
R818	ERJ6ENF7681	M 7.68KOHM, 1/10W	
R819	ERDS2TJ101	C 100OHM,J, 1/4W	
R820	ERG2SJW330E	M 22OHM,J, 10W	
R821	ERG2SJW330E	M 22OHM,J, 10W	
R822	ERJ3EKF1151	F 1.15KOHM,J,1/10W	
R823	D0D5R10KA007	W 0.1OHM,K, 5W	
R824	ERJ6GEYJ103	M 10KOHM,J,1/10W	
R825	ERJ6GEYJ104	M 100KOHM,J,1/10W	
R826	ERJ6GEYJ223	M 22KOHM,J,1/10W	
R828	ERJ6GEYJ154	M 150KOHM,J,1/10W	
R829	ERJ6GEYJ683	M 68KOHM,J,1/10W	
R830	ERJ6GEYJ103	M 10KOHM,J,1/10W	
R831	ERJ6GEYJ752	M 7.5KOHM,J,1/10W	
R832	ERJ6GEYJ564	M 560KOHM,J,1/10W	
R833	ERJ6GEYJ564	M 560KOHM,J,1/10W	
R834	ERJ6GEYJ105	M 1MOHM,J,1/10W	
R835	ERG1SJ223E	M 2.2KOHM,J, 1W	
R836	ERG1SJ223E	M 2.2KOHM,J, 1W	
R837	ERG1SJ103E	M 2.2KOHM,J, 1W	
R838	ERJ6GEYJ514	M 510KOHM,J, 1/10W	
R839	ERJ6GEYJ474	M 470KOHM,J,1/10W	
R840	ERJ6GEYJ154	M 150KOHM,J,1/10W	
R841	ERJ6GEYJ473	M 47KOHM,J,1/10W	
R842	ERJ6GEYJ683	M 68KOHM,J,1/10W	
R843	ERJ6GEYJ103	M 10KOHM,J,1/10W	
R844	ERJ6GEYJ104	M 100KOHM,J,1/10W	
R845	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	
R846	ERDS1TJ302	C 3KOHM,J, 1/2W	
R847	ERJ6GEYJ223	M 22KOHM,J,1/10W	
R848	ERJ6GEYJ223	M 22KOHM,J,1/10W	
R849	ERJ6GEYJ473	M 47KOHM,J,1/10W	
R850	ERJ6GEYJ473	M 47KOHM,J,1/10W	
R851	ERJ6GEYJ223	M 22KOHM,J,1/10W	
R852	ERJ6GEYJ683	M 68KOHM,J,1/10W	

Ref. No.	Part No.	Part Name & Description	Remarks
R853	ERDS1TJ2R2	C 2.2OHM,J, 1/2W	
R854	ER0S2CHF8200	M 82OHM, F,1/4W	
R855	D0MA47MKA005	C 47MOHM,J, 3W	
R856	ERDS1TJ105	C 1MOHM,J, 1/2W	
R857	ERDS1TJ151	C 150OHM,J, 1/2W	
R858	ERQ14AJ220P	F 22OHM,J, 1/4W	
R859	ERDS2TJ470	C 47OHM,J, 1/4W	
R860	ERJ6GEYJ223	M 22KOHM,J,1/10W	
R861	ERJ6GEYJ112	M 1.1KOHM,J,1/10W	
R862	ERJ6GEYJ102	M 1KOHM,J,1/10W	
R863	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	
R864	ERJ6ENF6651	M6.65KOHM, 1/10W	
R865	ERJ3EKF2702	M 27KOHM,F,1/16W	
R866	ERJ6GEYJ392	M 3.9KOHM,J,1/10W	
R867	ERJ6ENF1241	M 1.24KOHM, 1/10W	
R868	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	
R869	ERJ6GEYJ103	M 10KOHM,J,1/10W	
R870	ERJ3EKF6201	F 6.2KOHM,J,1/10W	
R871	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	
R872	ERJ6GEYJ103	M 10KOHM,J,1/10W	
R873	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	
R874	D0AW825JA001	C 8.2MOHM,J, 1/16W	
R875	ERJ3EKF1331	M1.33KOHM,F,1/16W	
R876	ERJ6ENF1802	M 18KOHM, 1/10W	
R877	ERJ6ENF1431	M 1.4KOHM, 1/10W	
R880	D1F5100E0002	W 10OHM,J, 5W	
R881	ERJ6GEYJ473	M 47KOHM,J,1/10W	
R882	ERJ6GEYJ682	M 6.8KOHM,J,1/10W	
R883	ERJ6GEYJ273	M 27KOHM,J,1/10W	
R884	ERJ6GEYJ333	M 33KOHM,J,1/10W	
R885	ERJ6GEYJ102	M 1KOHM,J,1/10W	
R887	ERJ6GEYJ473	M 47KOHM,J,1/10W	
R888	ERJ3EKF1102	M 11KOHM,F,1/16W	
R889	ERJ3EKF1002	M 10KOHM,F,1/16W	
R890	ERJ6GEYJ103	M 10KOHM,J,1/10W	
R891	ERJ6GEYJ102	M 1KOHM,J,1/10W	
R893	ERJ6GEYJ473	M 47KOHM,J,1/10W	
R894	ERJ6GEYJ103	M 10KOHM,J,1/10W	
R895	ERJ6GEYJ102	M 1KOHM,J,1/10W	
R896	ERJ6GEYJ223	M 22KOHM,J,1/10W	
R897	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	
R898	ERJ6GEYJ103	M 10KOHM,J,1/10W	
R899	ERJ3EKF1151	F 1.15KOHM,J,1/10W	
R903	ERJ6ENF9531	M9.53KOHM, 1/10W	
R909	ERJ6GEYJ103	M 10KOHM,J,1/10W	
R912	ERJ3EKF3091	M3.09KOHM,F,1/16W	
R913	ERJ6ENF8200	M 820OHM, 1/10W	
R915	ERJ6GEYJ103	M 10KOHM,J,1/10W	
R916	ERJ6GEYJ103	M 10KOHM,J,1/10W	
R917	ERJ6GEYJ103	M 10KOHM,J,1/10W	
R918	ERJ6GEYJ103	M 10KOHM,J,1/10W	
R919	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	
R920	ERJ6GEYJ103	M 10KOHM,J,1/10W	
R922	ERX1SJ2R2E	M 2.2OHM,J, 1W	
R923	ERJ6GEYJ753	M 75KOHM,J,1/10W	
R924	ERJ6GEYJ753	M 75KOHM,J,1/10W	
	TRANSFORMERS		
T801	ETS35LZ156AD	SWITCHING TRANS	⚠
T802	ETS32CZ119AD	SWITCHING TRANS	⚠
	OTHERS		
A1	K1KA14AA0178	CONNECTOR	
A10	K1KA08AA0193	CONNECTOR	
A15	K1FB115A0025	CONNECTOR	
A16	K1KA12AA0194	CONNECTOR	
A2	K1KA18AA0178	CONNECTOR	
A4	K1KA05AA0193	CONNECTOR	
A5	K1KA10AA0194	CONNECTOR	
A6	K1KA04AA0190	CONNECTOR	
A7	K1KA08AA0193	CONNECTOR	
A8A	K1KB30B00044	CONNECTOR	
A9	K1KA10AA0105	CONNECTOR	
F841	K5D502BNA005	FUSE	⚠
FL4001	J0MAB0000169	LC FILTER	
FL4002	J0MAB0000169	LC FILTER	
FL4003	J0MAB0000169	LC FILTER	
FL5001	F1J1A1050020	CERAMIC CAPACITOR	
FL5002	F1J1A1050020	CERAMIC CAPACITOR	
G1	K1KA05AA0193	CONNECTOR	
G2	K1KA10AA0191	CONNECTOR	
G3	K1KA02AA0180	CONNECTOR	
JA1	ERJ8GEY0R00	M 0OHM,J, 1/8W	
JA2	ERJ8GEY0R00	M 0OHM,J, 1/8W	
JA29	ERJ8GEY0R00	M 0OHM,J, 1/8W	
JA3	ERJ8GEY0R00	M 0OHM,J, 1/8W	
JA4	ERJ8GEY0R00	M 0OHM,J, 1/8W	
JA5	ERJ8GEY0R00	M 0OHM,J, 1/8W	
JA6	ERJ8GEY0R00	M 0OHM,J, 1/8W	
JA8	ERJ8GEY0R00	M 0OHM,J, 1/8W	
JK3001	K4AK07A00002	AV TERMINAL	
JK3002	K4AK04A00002	AV TERMINAL	
JK3003	K4AK04A00001	AV TERMINAL	
JK3006	K4AK04A00002	AV TERMINAL	
JK3007	K4AK06A00002	AV TERMINAL	
JK3501	K4AK18B00004	AV TERMINAL	
JK5001	K1FY119D0003	HDMI TERMINAL	
JK5002	K1FY119D0003	HDMI TERMINAL	
JS1801	ERJ3GEY0R00	M 0OHM,J,1/16W	
JS1809	ERJ2GE0R00X	FIXED RESISTOR	
JS1922	ERJ3GEY0R00	M 0OHM,J,1/16W	
JS1924	ERJ3GEY0R00	M 0OHM,J,1/16W	
JS2004	ERJ6GEY0R00	M 0OHM,J,1/10W	
JS2005	ERJ6GEY0R00	M 0OHM,J,1/10W	
JS2011	ERJ6GEY0R00	M 0OHM,J,1/10W	
JS2012	ERJ6GEY0R00	M 0OHM,J,1/10W	
JS2200	ERJ6GEY0R00	M 0OHM,J,1/10W	
JS2201	ERJ6GEY0R00	M 0OHM,J,1/10W	
JS2202	ERJ6GEY0R00	M 0OHM,J,1/10W	
JS2203	ERJ6GEY0R00	M 0OHM,J,1/10W	
JS2204	ERJ3GEY0R00	M 0OHM,J,1/16W	
JS2205	ERJ3GEY0R00	M 0OHM,J,1/16W	
JS2206	ERJ3GEY0R00	M 0OHM,J,1/16W	
JS2207	ERJ3GEY0R00	M 0OHM,J,1/16W	
JS2306	ERJ3GEY0R00	M 0OHM,J,1/16W	
JS3501	ERJ6GEY0R00	M 0OHM,J,1/10W	
JS3502	ERJ6GEY0R00	M 0OHM,J,1/10W	
JS3503	ERJ6GEY0R00	M 0OHM,J,1/10W	
JS3800	ERJ3GEY0R00	M 0OHM,J,1/16W	
JS3801	ERJ3GEY0R00	M 0OHM,J,1/16W	
JS3802	ERJ3GEY0R00	M 0OHM,J,1/16W	
JS3803	ERJ3GEY0R00	M 0OHM,J,1/16W	
JSP808	ERJ6GEY0R00	M 0OHM,J,1/10W	
JSP814	ERJ6GEY0R00	M 0OHM,J,1/10W	
JSP820	ERJ6GEY0R00	M 0OHM,J,1/10W	
JSP821	ERJ6GEY0R00	M 0OHM,J,1/10W	
JSP822	ERJ6GEY0R00	M 0OHM,J,1/10W	
JSP823	ERJ6GEY0R00	M 0OHM,J,1/10W	
JSP824	ERJ6GEY0R00	M 0OHM,J,1/10W	
JSP825	ERJ6GEY0R00	M 0OHM,J,1/10W	
K1	K1KA02BA0055	CONNECTOR	
LF801	G0B153H00003	CHOKE COIL	
LF803	G0B153H00003	CHOKE COIL	
P1	K1KA02B00295	CONNECTOR	
P2	K1KA10AA0194	CONNECTOR	
P3	K1KA14AA0178	CONNECTOR	
P4	K1KA18AA0178	CONNECTOR	
PC801	B3PAA0000363	PHOTO COUPLER	⚠
PC802	B3PAA0000363	PHOTO COUPLER	⚠
RL801	K6B1CDA00028	RELAY	⚠
RM1001	PNA4701M06TV	IC PHOTO DETECTOR	
SN1001	B3L000000032	PHOTO DETECTOR	
SW1	K1KA02A00720	CONNECTOR	
SW2	K1KA02A00676	CONNECTOR	
SW2500	EVQ11G05R	SWITCH	
SW2501	EVQ11G05R	SWITCH	
SW2502	EVQ11G05R	SWITCH	
SW2503	EVQ11G05R	SWITCH	

Ref. No.	Part No.	Part Name & Description	Remarks
SW2504	EVQ11G05R	SWITCH	
SW841	ESB92DA1B	SWITCH	⚠
TU101	ENG39E04GRF	TUNER	⚠
V1	K1KA08BA0061	CONNECTOR	
X4001	H0J202500011	CRYSTAL OSC	
X5001	H0J283500018	CRYSTAL OSC	
Z1	K1KA04BA0055	CONNECTOR	
Z3	K1KA12BA0062	CONNECTOR	