

# JVC

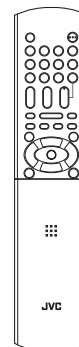
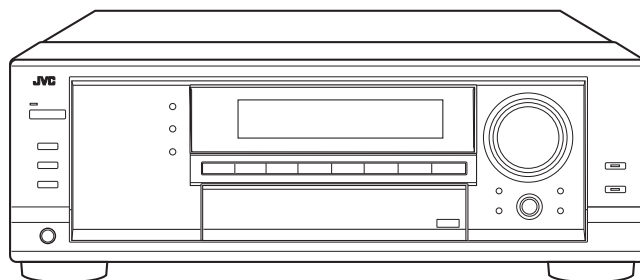
## SERVICE MANUAL

### AUDIO/VIDEO CONTROL RECEIVER

# RX-7042S

Area suffix

J ----- U.S.A.  
C ----- Canada



**DOLBY**  
DIGITAL • EX  
PRO LOGIC II

**dts** 96 ES  
24 NEO:6

**CC**  
CONVERTER

**K2**  
TECHNOLOGY

**COMPU LINK**  
Remote

**AV COMPU LINK**

### TABLE OF CONTENTS

1	PRECAUTION.....	1-3
2	SPECIFIC SERVICE INSTRUCTIONS.....	1-5
3	DISASSEMBLY .....	1-6
4	ADJUSTMENT .....	1-13
5	TROUBLESHOOTING .....	1-14

# SPECIFICATION

<b>Amplifier</b>		
<b>Output Power</b>		
At Stereo Operation	Front ch	130 W per channel, min. RMS, driven into 8 Ω, 20 Hz to 20 kHz, with no more than 0.08% total harmonic distortion.
At Surround Operation	Front ch	130 W per channel, min. RMS, driven into 8 Ω at 1 kHz, with no more than 0.8% total harmonic distortion.
	Center ch	130 W, min. RMS, driven into 8 Ω at 1 kHz, with no more than 0.8% total harmonic distortion.
	Surround ch	130 W per channel, min. RMS, driven into 8 Ω at 1 kHz, with no more than 0.8% total harmonic distortion.
	Surround Back ch	130 W, min. RMS, driven into 8 Ω at 1 kHz, with no more than 0.8% total harmonic distortion.
<b>Audio</b>		
Audio Input Sensitivity/ Impedance (1 kHz)		DVD IN, VCR IN, TV SOUND/DBS IN : 200 mV/47 kΩ CD IN, TAPE/CDR IN : 200 mV/47 kΩ
Audio Input (DIGITAL IN)*	Coaxial	DIGITAL 1 (DVD) : 0.5 V(p-p)/75 Ω
	Optical	DIGITAL 2 (CD), DIGITAL 3 (TV), DIGITAL 4 (CDR) : -21 dBm to -15 dBm (660 nm ±30 nm)
* Corresponding to Linear PCM, Dolby Digital, and DTS (with sampling frequency-32 kHz, 44.1 kHz, 48 kHz).		
Audio Output Level		SUBWOOFER OUT : 1 V
Recording Output Level		VCR OUT, TAPE/CDR OUT : 200 mV
Digital Output Optical DIGITAL OUT		Signal wave length : 660 nm Output level : -21 dBm to -15 dBm
Signal-to-Noise Ratio ('66 IHF/'78 IHF)		DVD IN, VCR IN, TV SOUND/DBS IN : 87 dB/80 dB CD IN, TAPE/CDR IN : 87 dB/80 dB
Frequency Response (8 Ω)		DVD IN, VCR IN, TV SOUND/DBS IN : 20 Hz to 100 kHz (+1 dB, -3 dB) CD IN, TAPE/CDR IN : 20 Hz to 100 kHz (+1 dB, -3 dB)
Bass Boost		+6 dB ±1.0 dB at 100 Hz
Equalization		63 Hz, 250 Hz, 1 kHz, 4 kHz, 16 kHz (±8 dB) (in 2 dB steps)
<b>Video</b>		
Video Input Sensitivity/Impedance	Composite Video : DVD IN, VCR IN, TV SOUND/DBS IN	1 V(p-p)/75 Ω
	S-video : DVD IN, VCR IN, TV SOUND/DBS IN	(Y: luminance) : 1 V(p-p)/75 Ω (C: chrominance, burst) : 0.286 V(p-p)/75 Ω
	Component Video DVD IN, DBS (VCR) IN : DVD IN, DBS (VCR) IN	(Y: luminance) : 1 V(p-p)/75 Ω (PB/PR) : 0.7 V(p-p)/75 Ω
Video Output Level	Composite Video : VCR OUT, MONITOR OUT	1 V(p-p)/75 Ω
	S-video : VCR OUT, MONITOR OUT	(Y: luminance) : 1 V(p-p)/75 Ω (C: chrominance, burst) : 0.286 V(p-p)/75 Ω
	Component Video : MONITOR OUT	(Y: luminance) : 1 V(p-p)/75 Ω (PB/PR) : 0.7 V(p-p)/75 Ω
Synchronization		Negative
Signal-to-Noise Ratio		45 dB
<b>FM tuner (IHF)</b>		
Tuning Range		87.5 MHz to 108.0 MHz
Usable Sensitivity		Monaural : 12.8 dBf (1.2 μV/75 Ω)
50 dB Quieting Sensitivity	Monaural : 16.0 dBf (1.7 μV/75 Ω)	
	Stereo : 37.5 dBf (20.5 μV/75 Ω)	
Stereo Separation at OUT (REC)		35 dB at 1 kHz
<b>AM tuner</b>		
Tuning Range		530 kHz to 1 710 kHz
<b>General</b>		
Power Requirements		AC 120V , 60 Hz
Power Consumption		320 W/440 VA (at operation), 2 W (in standby mode)
Dimensions (W × H × D)		435 mm × 157 mm × 425 mm (17 3/16 in. × 6 3/16 in. × 16 3/4 in.)
Mass		12.1 kg (26.7 lbs)

Designs & specifications are subject to change without notice.

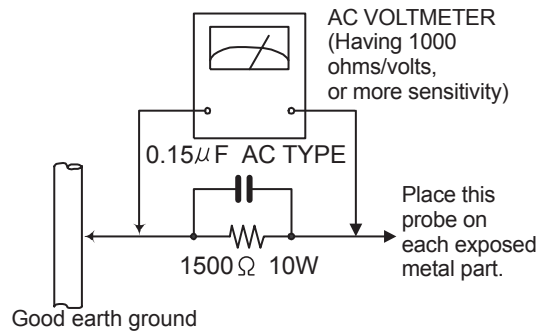
# SECTION 1 PRECAUTION

## 1.1 Safety Precautions

- (1) This design of this product contains special hardware and many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Services should be performed by qualified personnel only.
- (2) Alterations of the design or circuitry of the product should not be made. Any design alterations of the product should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
- (3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the Parts List of Service Manual. Electrical components having such features are identified by shading on the schematics and by ( $\Delta$ ) on the Parts List in the Service Manual. The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement parts shown in the Parts List of Service Manual may create shock, fire, or other hazards.
- (4) The leads in the products are routed and dressed with ties, clamps, tubings, barriers and the like to be separated from live parts, high temperature parts, moving parts and/or sharp edges for the prevention of electric shock and fire hazard. When service is required, the original lead routing and dress should be observed, and it should be confirmed that they have been returned to normal, after reassembling.
- (5) Leakage shock hazard testing  
After reassembling the product, always perform an isolation check on the exposed metal parts of the product (antenna terminals, knobs, metal cabinet, screw heads, headphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock. Do not use a line isolation transformer during this check.
  - Plug the AC line cord directly into the AC outlet. Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground. Any leakage current must not exceed 0.5mA AC (r.m.s.).
  - Alternate check method  
Plug the AC line cord directly into the AC outlet. Use an AC voltmeter having, 1,000 $\Omega$  per volt or more sensitivity in the following manner. Connect a 1,500 $\Omega$  10W resistor paralleled by a 0.15 $\mu$ F AC-type capacitor between an exposed metal part and a known good earth ground. Measure the AC voltage across the resistor with the AC

voltmeter.

Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Voltage measured any must not exceed 0.75 V AC (r.m.s.). This corresponds to 0.5 mA AC (r.m.s.).



## 1.2 Warning

- (1) This equipment has been designed and manufactured to meet international safety standards.
- (2) It is the legal responsibility of the repairer to ensure that these safety standards are maintained.
- (3) Repairs must be made in accordance with the relevant safety standards.
- (4) It is essential that safety critical components are replaced by approved parts.
- (5) If mains voltage selector is provided, check setting for local voltage.

## 1.3 Caution

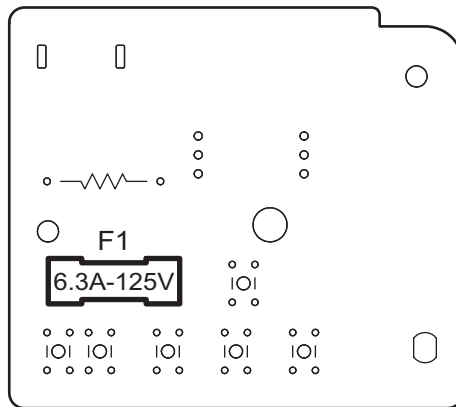
**Burrs formed during molding may be left over on some parts of the chassis.**  
**Therefore, pay attention to such burrs in the case of pre-forming repair of this system.**

## 1.4 Critical parts for safety

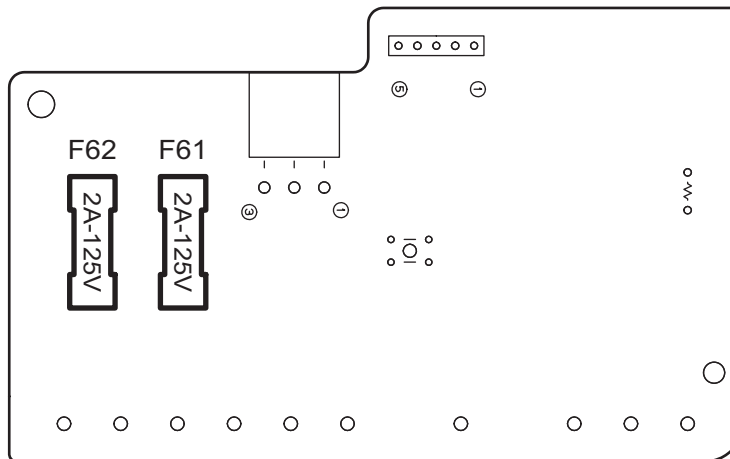
In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (  $\blacksquare$  ), diode (  $\blacksquare$  ) and ICP (  $\bullet$  ) or identified by the " $\Delta$ " mark nearby are critical for safety. When replacing them, be sure to use the parts of the same type and rating as specified by the manufacturer.  
(This regulation does not Except the J and C version)

## 1.5 Importance administering point on the safety

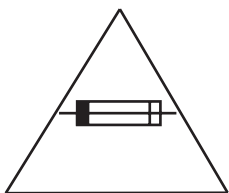
Power / fuse board



Power trans 1 board



For USA and Canada / pour États - Unis d' Amérique et Canada



Caution: For continued protection against risk of fire, replace only with same type 6.3A/125V for F1, 2A/125V for F61 and F62.

This symbol specifies type of fast operating fuse.

Précaution: Pour éviter risques de feux, remplacez le fusible de sûreté de F1 comme le même type que 6.3A/125V, et 2A/125V pour F61 et F62.

Ce sont des fusibles sûretés qui fonctionnent rapide.

**SECTION 2**  
**SPECIFIC SERVICE INSTRUCTIONS**

This service manual does not describe SPECIFIC SERVICE INSTRUCTIONS.

## SECTION 3 DISASSEMBLY

### 3.1 Removing the top cover (See Fig.1)

- (1) From the right and left sides of the main body, remove the four screws **A** attaching the top cover.
- (2) From the back side of the main body, remove the three screws **B** attaching the top cover.
- (3) Remove the top cover in the direction of the arrow 2 while extending the lower sections of the top cover in the direction of the arrow 1.

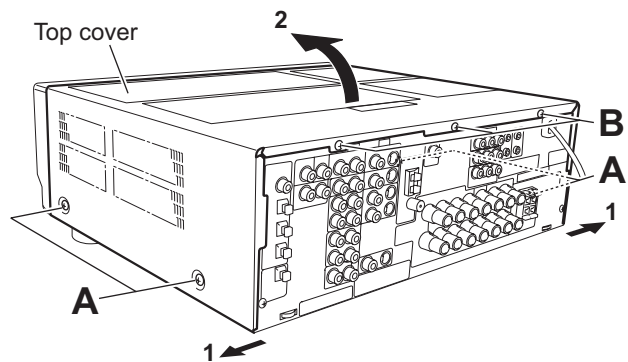


Fig.1

### 3.2 Removing the front panel assembly (See Figs.2 and 3)

- Prior to performing the following procedures, remove the top cover.
  - (1) Disconnect the card wire from the connector [CN400](#) on the micon board. (See Fig.2)
  - (2) Disconnect the card wire from the connector [CN402](#) on the power supply board. (See Fig.2)
  - (3) Remove the tie band and wire protection board fixing the card wire. (See Fig.2)
  - (4) Remove the three screws **C** attaching the front panel assembly. (See Fig.2)
  - (5) From the bottom side of the main body, remove the four screws **D** attaching the front panel assembly. (See Fig.3)
  - (6) Remove the front panel assembly in the direction of the arrow. (See Fig.3)

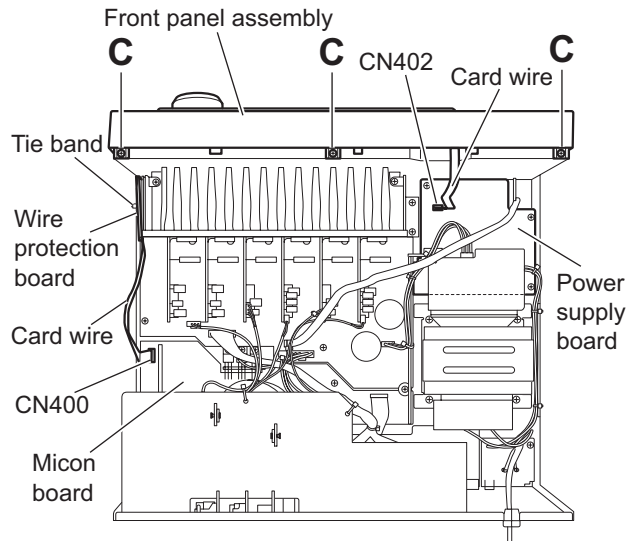


Fig.2

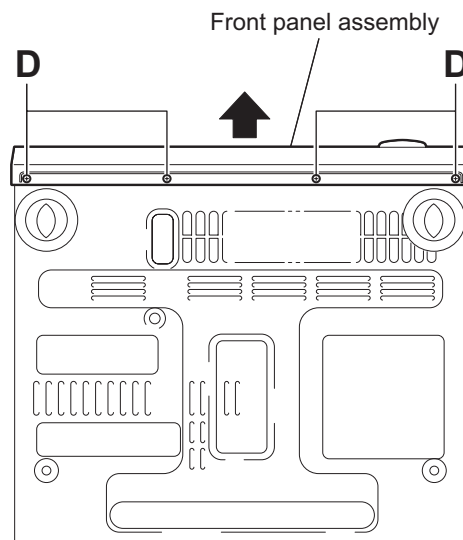


Fig.3

### 3.3 Removing the rear panel (See Fig.4)

- Prior to performing the following procedures, remove the top cover.
- (1) From the back side of the main body, remove the strain relief from the rear panel in the direction of the arrow.
- (2) Remove the twenty-nine screws **E**, two screws **F** and three screws **G** attaching the rear panel.

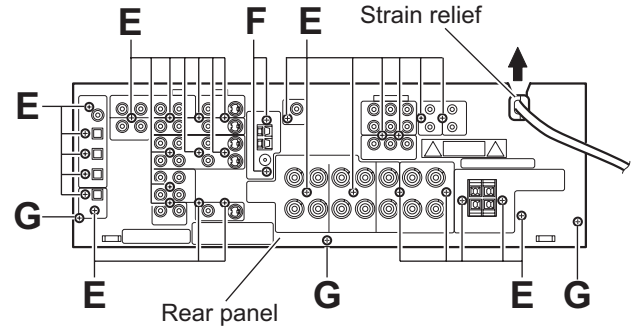


Fig.4

### 3.4 Removing the I/O board (See Fig.5)

- Prior to performing the following procedures, remove the top cover and rear panel.
- (1) Remove the two plastic rivets in the direction of the arrow from the top side of the main body, remove the stopper boards in the direction of the arrow.
- (2) Remove the tie bands bundling the wires.
- (3) Disconnect the wire from the connector [CN722](#) on the center board.
- (4) Disconnect the wire from the connector [CN714](#) on the front board(L).
- (5) Disconnect the wire from the connector [CN717](#) on the surround back board.
- (6) Disconnect the wire from the connector [CN719](#) on the front board(R).
- (7) Disconnect the wire from the connector [CN723](#) on the main board.
- (8) Disconnect the connectors ([CN205](#), [CN381](#), [CN501](#)) on the I/O board in an upward direction.

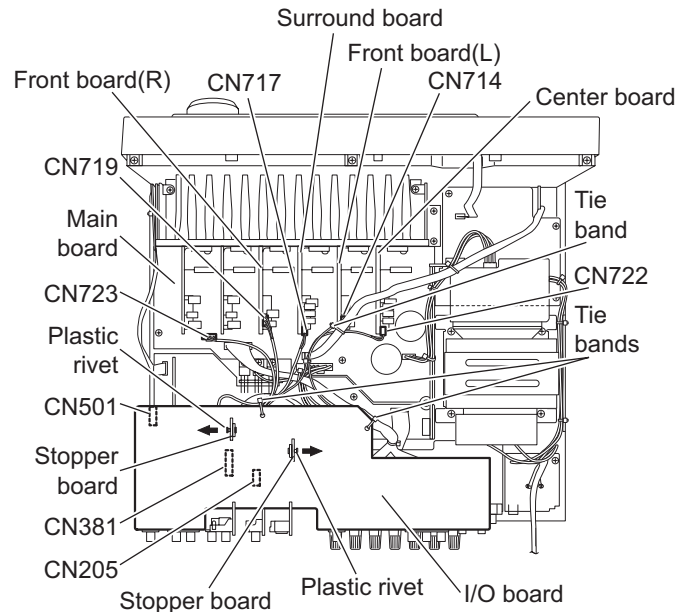


Fig.5

### 3.5 Removing the tuner, DSP board, audio board, video board and S-video board (See Fig.6)

- Prior to performing the following procedures, remove the top cover, rear panel and I/O board.
- (1) Disconnect the card wire from the connector [CN314](#) on the audio board from the top side of the main body, take out the tuner.
- (2) Disconnect the DSP board from the connector [CN601](#) on the micon board.
- (3) Disconnect the audio board from the connectors ([CN101](#), [CN303](#)) on the micon board.
- (4) Disconnect the video board from the connector [CN201](#) on the micon board.
- (5) Disconnect the S-video board from the connector [CN241](#) on the micon board.

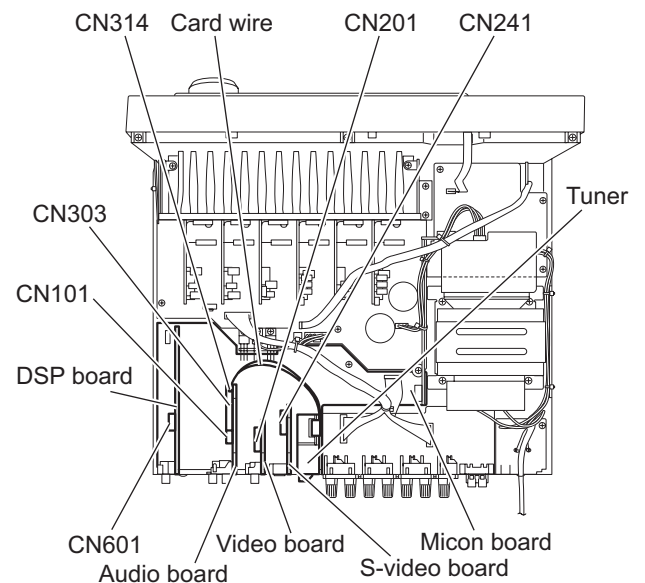


Fig.6

### 3.6 Removing the micon board (See Fig.7)

- Prior to performing the following procedures, remove the top cover, rear panel, I/O board, tuner, DSP board, audio board, video board and S-video board.
- (1) From the top side of the main body, disconnect the card wire from the connector [CN400](#) on the micon board.
- (2) Disconnect the relay board from the connectors [CN81](#) on the micon board.
- (3) Disconnect the parallel wire from the connectors [CN931](#) and [CN932](#) on the micon board.
- (4) Disconnect the parallel wire from the connector [CN831](#) on the main board.
- (5) Remove the three screws **H** attaching the micon board.
- (6) Remove the three screws **J** attaching the transistors ([Q931](#), [Q941](#), [Q981](#)) to the chassis base.
- (7) Loosen the screw **K** attaching the micon board.

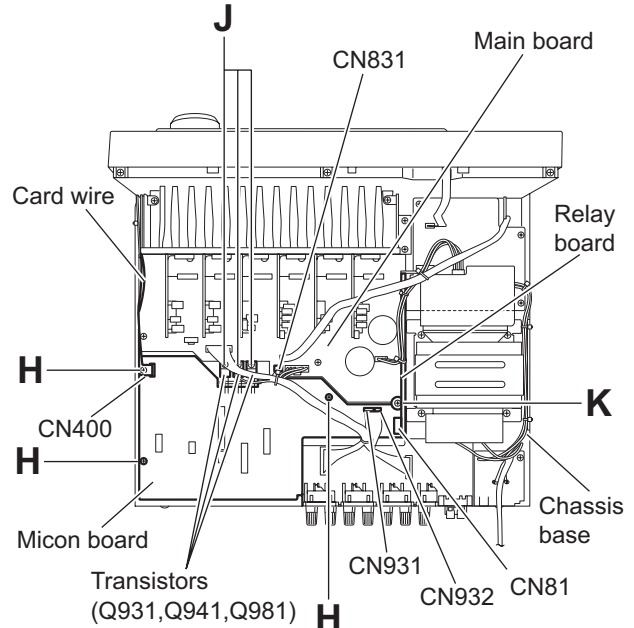


Fig.7

### 3.7 Removing the speaker board (See Fig.8)

- Prior to performing the following procedures, remove the top cover and rear panel.
- (1) From the top side of the main body, remove the tie band bundling the wires.
- (2) Disconnect the wires from the connectors ([CN813](#), [CN814](#)) on the main board.
- (3) Disconnect the parallel wire from the connectors ([CN931](#), [CN932](#)) on the micon board.
- (4) Take out the speaker board in the direction of the arrow.

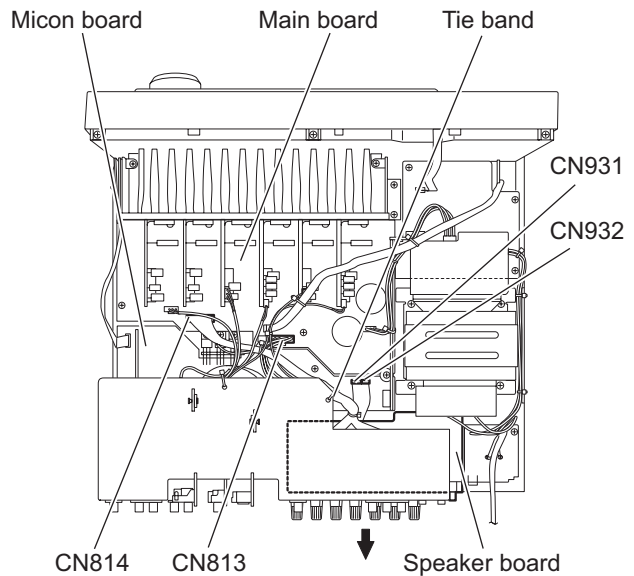
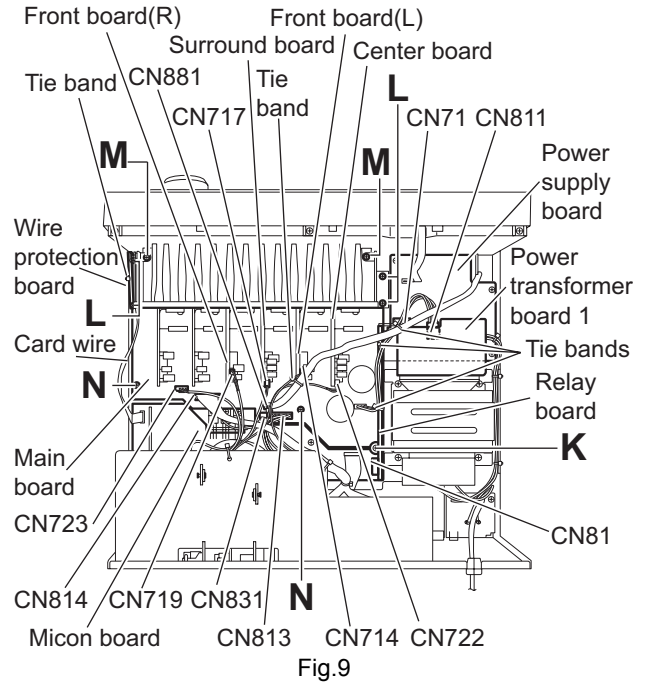


Fig.8



### 3.8 Removing the main board (See Fig.9)

- Prior to performing the following procedures, remove the top cover.
- (1) From the top side of the main body, remove the tie bands bundling the wires.
- (2) Remove the tie band and wire protection board bundling the card wire.
- (3) Disconnect the wire from the connector [CN811](#) on the power transformer board 1.
- (4) Disconnect the relay board from the connectors ([CN71](#), [CN81](#)) on the power supply board and micon board.
- (5) Disconnect the parallel wires from the connectors ([CN831](#), [CN881](#)) on the main board.
- (6) Disconnect the wires from the connectors ([CN723](#), [CN813](#), [CN814](#)) on the main board.
- (7) Disconnect the wire from the connector [CN722](#) on the center board.
- (8) Disconnect the wire from the connector [CN714](#) on the front board(L).
- (9) Disconnect the wire from the connector [CN717](#) on the surround back board.
- (10) Disconnect the wire from the connector [CN719](#) on the front board(R).
- (11) Remove the screw **K**, four screws **L**, two screws **M** and two screws **N** attaching the main board.
- (12) Take out the main board.



### 3.9 Removing the heat sink (See Figs.10 and 11)

- Prior to performing the following procedures, remove the top cover and main board.
- (1) From the reverse side of the main board, remove the two screws **P** attaching the main board to the heat sink. (See Fig.10)
- (2) Disconnect the connectors ([CN701-CN706](#)) on the main board, remove the main board. (See Fig.10)
- (3) Remove the twelve screws **Q** attaching the heat sink. (See Fig.11)

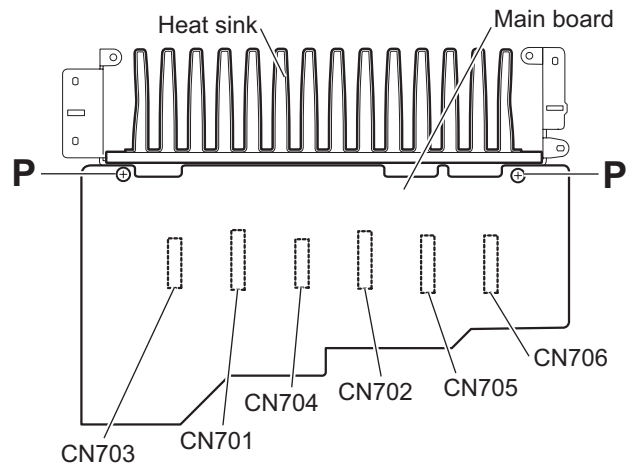


Fig.10

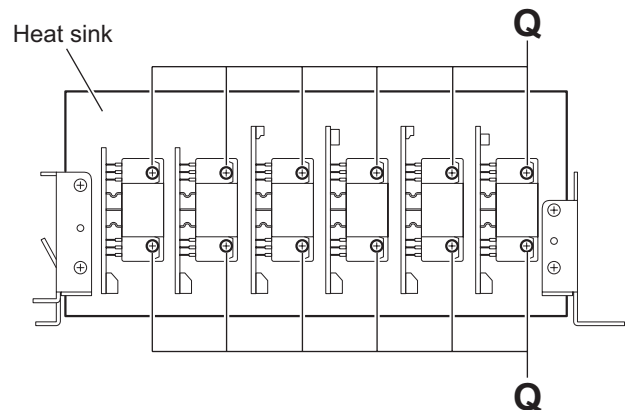
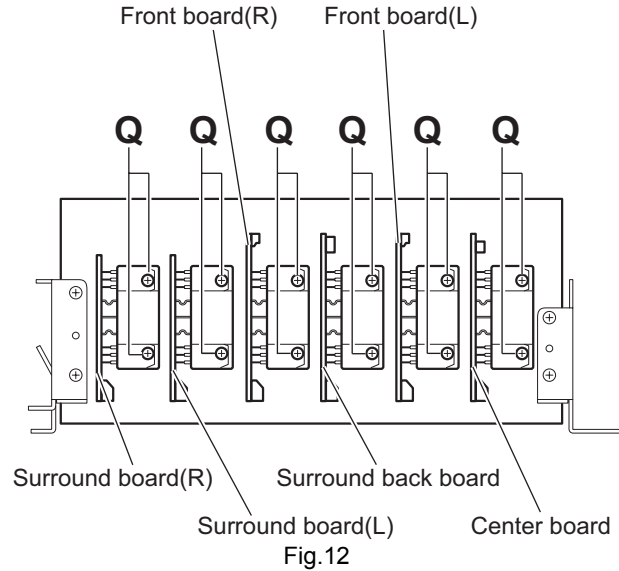


Fig.11

### 3.10 Removing the center board, surround back board, front boards (L/R) and surround boards (L/R) (See Figs.10 and 12)

- Prior to performing the following procedures, remove the top cover and main board.
- (1) From the reverse side of the main board, remove the two screws **P** attaching the main board to the heat sink. (See Fig.10)
- (2) Disconnect the connectors (CN701 to CN706) on the main board, remove the main board. (See Fig.10)
- (3) Remove the two screws **Q** attaching the center board. (See Fig.12)
- (4) Remove the two screws **Q** attaching the front board(L). (See Fig.12)
- (5) Remove the two screws **Q** attaching the surround back board. (See Fig.12)
- (6) Remove the two screws **Q** attaching the front board(R). (See Fig.12)
- (7) Remove the two screws **Q** attaching the surround board(L). (See Fig.12)
- (8) Remove the two screws **Q** attaching the surround board(R). (See Fig.12)

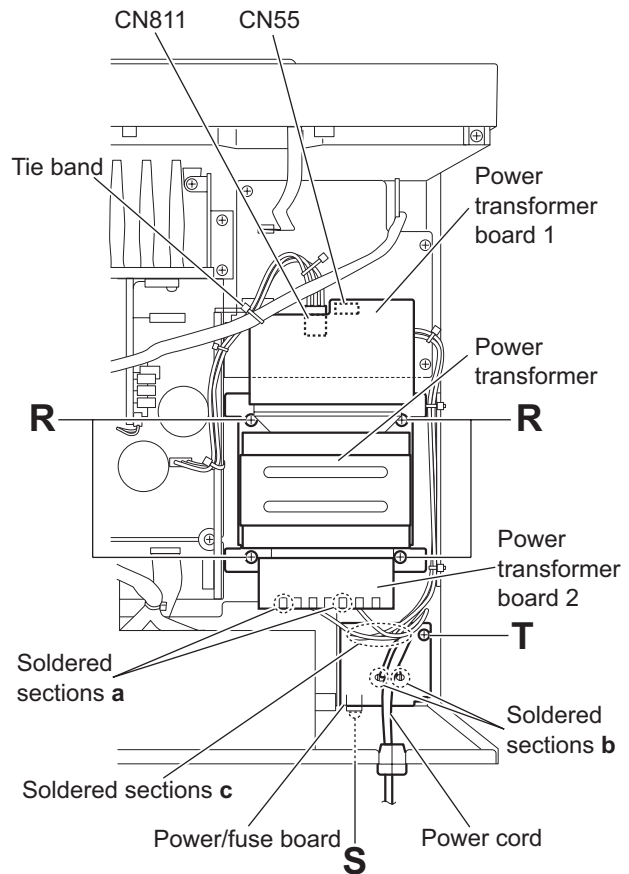


### 3.11 Removing the power transformer (See Fig.13)

- Prior to performing the following procedures, remove the top cover.
- (1) From the top side of the main body, remove the tie band bundling the wires.
- (2) Disconnect the wire from the connectors (CN55, CN811) on the power transformer board 1.
- (3) Remove the solders from the soldered sections **a** on the power transformer board 2.
- (4) Remove the four screws **R** attaching the power transformer.

### 3.12 Removing the power/fuse board (See Fig.13)

- Prior to performing the following procedures, remove the top cover.
- (1) From the back and top sides of the main body, remove the screw **S** and screw **T** attaching the power/fuse board.
- (2) Remove the solders from the soldered sections **b** attaching the power cord.
- (3) From the reverse side of the power/fuse board, remove the solders from the soldered sections **c** attaching the wires.



### 3.13 Removing the power supply board (See Fig.14)

- Prior to performing the following procedures, remove the top cover.
- (1) From the top side of the main body, disconnect the parallel wires from the connector [CN55](#) on the power transformer board 1.
- (2) Disconnect the card wire from the connector [CN402](#) on the power supply board.
- (3) Disconnect the relay board from the connector [CN71](#) on the power supply board.
- (4) Remove the three screws **U** attaching the power supply board.
- (5) Remove the power supply board from the hook **d** of the chassis base bracket in the direction of the arrow, take out the power supply board.
- (6) Turn over the power supply board, remove the solders from the soldered sections **e** attaching the wires.

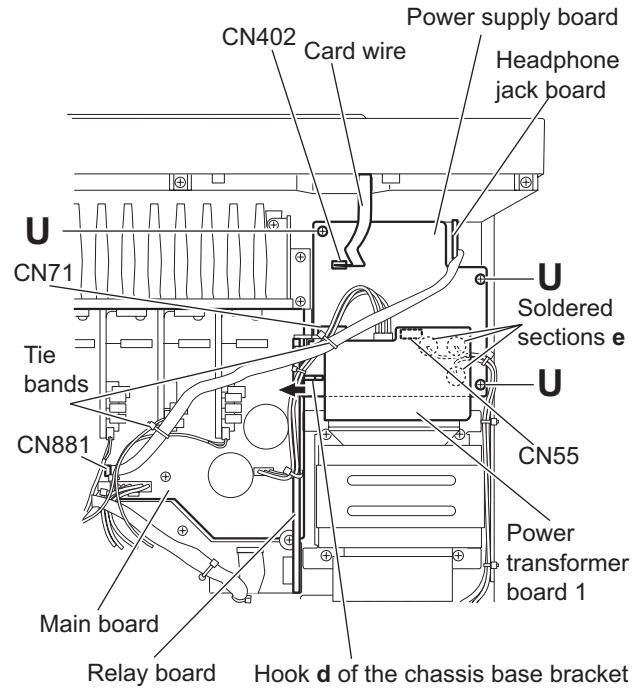


Fig.14

### 3.14 Removing the headphone jack board (See Figs.14 and 15)

- Prior to performing the following procedures, remove the top cover and front panel assembly.
- (1) From the top side of the main body, remove the tie bands attaching the parallel wire. (See Fig.14)
- (2) Disconnect the parallel wire from the connector [CN881](#) on the main board. (See Fig.14)
- (3) From the front side of the main body, remove the nut and screw **V** attaching the headphone bracket to the front bracket. (See Fig.15)
- (4) Remove the three screws **U** attaching the power supply board. (See Fig.14)
- (5) Take out the headphone jack board from the inside of the chassis base while lifting the power supply board.

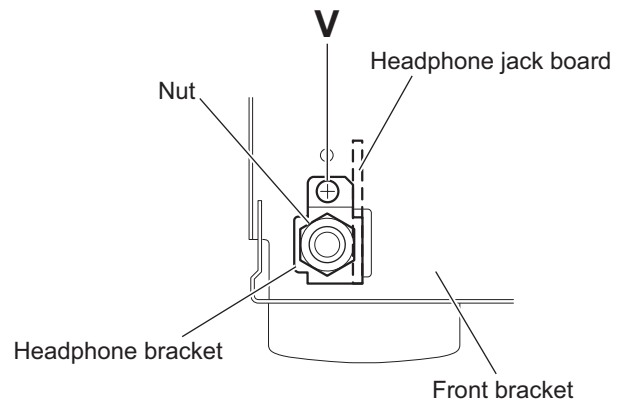


Fig.15

### 3.15 Removing the switch board (See Fig.16)

- Prior to performing the following procedures, remove the top cover and front panel assembly.
- (1) From the back side of the front panel assembly, remove the two screws **W** attaching the switch board.
- (2) Take out the switch board, disconnect the wire from the connector [CN432](#) on the switch board.

### 3.16 Removing the power switch board (See Fig.16)

- Prior to performing the following procedures, remove the top cover and front panel assembly.
- (1) From the back side of the front panel assembly, remove the two screws **X** attaching the power switch board.
- (2) Take out the power switch board, disconnect the wire from the connector [CN430](#) on the power switch board.

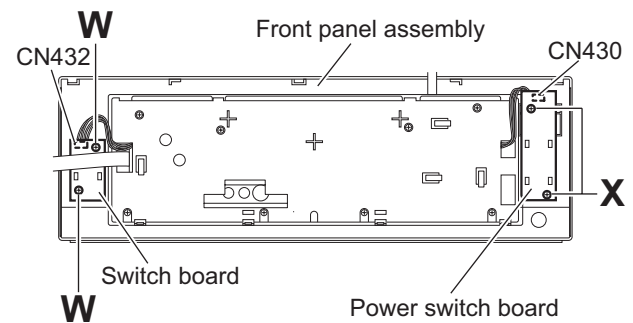


Fig.16

### 3.17 Removing the front key & system control board (See Figs.17 to 20)

- Prior to performing the following procedures, remove the top cover, front panel assembly, switch board and power switch board.
  - (1) Pull out the volume and jog knobs from the front side of the front panel assembly, remove the nut attaching the front key & system control board. (See Fig.17)
  - (2) From the back side of the front panel assembly, remove the eight screws **Y** attaching the sub panel assembly. (See Fig.18)
  - (3) Remove the sub panel assembly while releasing the claws **f** in the direction of the arrow. (See Figs.18 and 19)
  - (4) Release the claws **g** attaching the front key & system control board in the direction of the arrow and take out the front key & system control board. (See Fig.20)

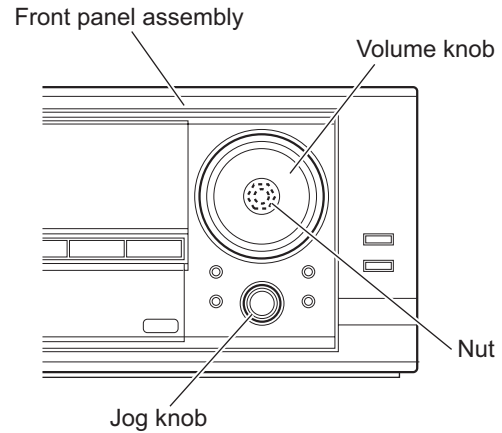


Fig.17

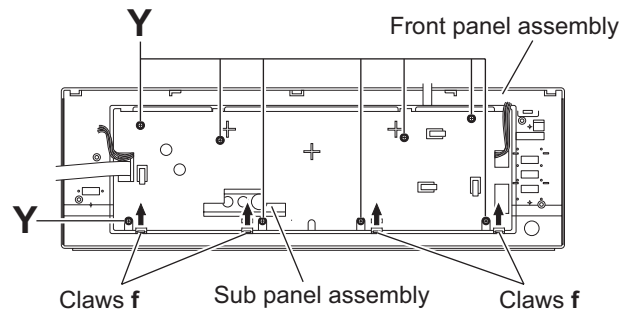


Fig.18

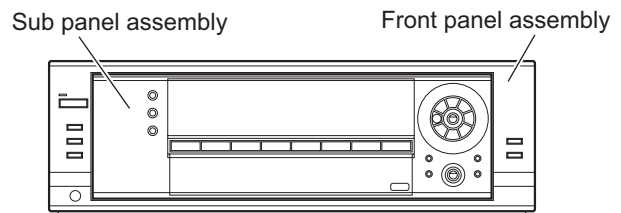


Fig.19

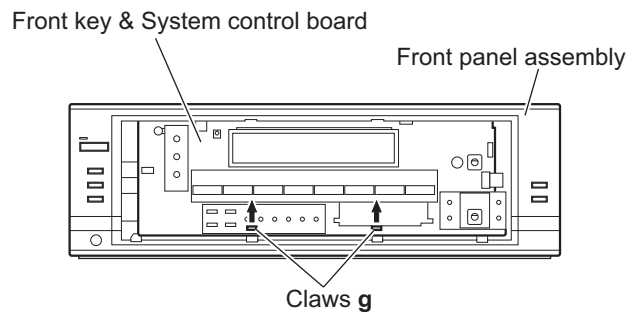


Fig.20

# SECTION 4 ADJUSTMENT

## 4.1 Adjustment method

### ■ Tuner section

#### 1. Tuner range

FM 87.5MHz to 108.0MHz

AM 530kHz to 1710kHz

### ■ Power amplifier section

#### Adjustment of idling current

Measurement location [B2204-B2205](#) (Lch), [B2213-B2214](#) (Rch)

Adjustment part [VR787](#) (Lch), [VR788](#) (Rch)

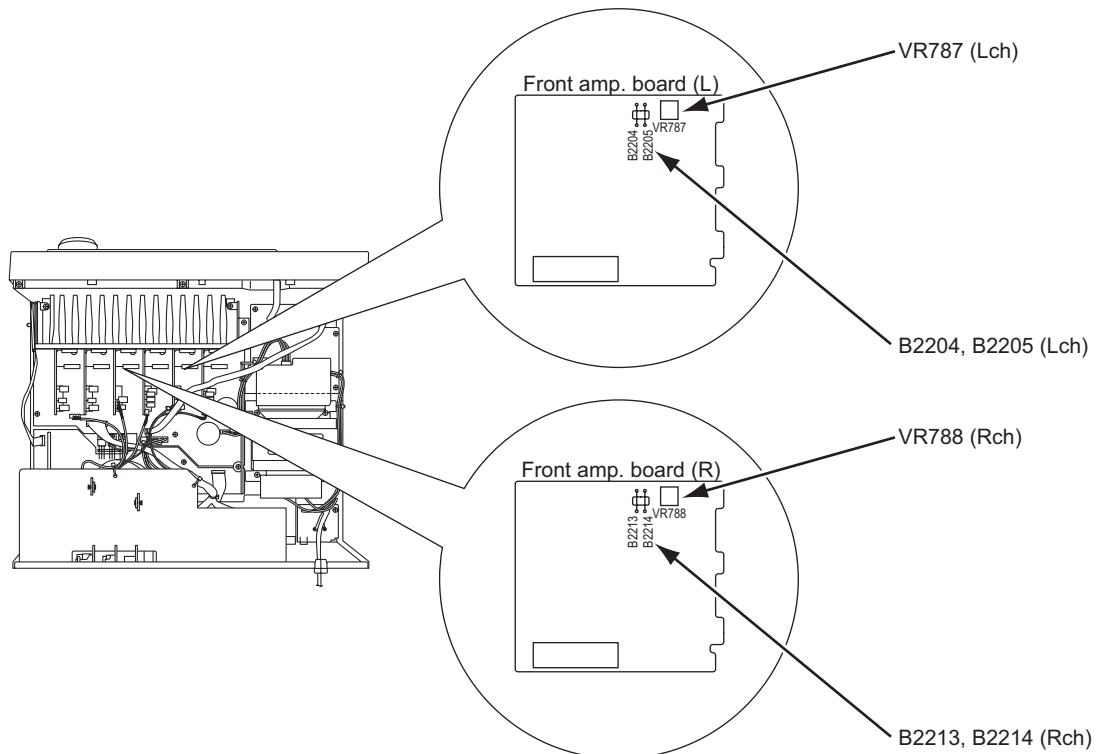
#### Attention:

**This adjustment does not obtain a correct adjustment value immediately after the amplifier is used (state that an internal temperature has risen). Please adjust immediately after using the amplifier after turning off the power supply of the amplifier and falling an internal temperature.**

#### <Adjustment method>

- (1) Set the volume control to minimum during this adjustment. (No signal & No load)
- (2) Set the surround mode OFF.
- (3) Turn [VR787](#) and [VR788](#) fully counterclockwise to warm up before adjustment.  
If the heat sink is already warm from previous use the correct adjustment can not be made.
- (4) For L-ch, connect a DC voltmeter between [B2204](#) and [B2205](#) (Lch) and, connect it between [B2213](#) and [B2214](#) (Rch).
- (5) 30 minutes later after power on, adjust [VR787](#) for Lch, or [VR788](#) for Rch so that the DC voltmeter value has 1mV to 10mV.

- It is not abnormal though the idling current might not become 0mA even if it is finished to turn variable resistance ([VR787](#), [VR788](#)) in the direction of counterclockwise.



# SECTION 5 TROUBLESHOOTING

## 5.1 Self-diagnose function

This model incorporates the following self-diagnostic functions.

### 1. PROTECTOR

- The PROTECTOR IN port detects errors such as speaker overcurrent and DC voltage output errors (Active: L). Immediately after detection, all relays are switched off and the alarm display as shown below (blinking at intervals of 0.5 sec. ON and 0.5 sec. OFF) is displayed in the lower part of the FL matrix.

During the alarm display, all other FL and LED segments are turned off.

### OVERLOAD

- The overload status can be canceled by switching the power off. When the power is switched on again, the unit is turned on in the same abnormal status as before. Lower the volume level for 10 steps for protection. (If the previous volume level was between 0 and 9, lower it to 0).
- The detection by the protector is not performed for 4 seconds after power on.

### 2. Supply voltage error detection

- When the power is switched on, the supply voltage at the A/D input port (pins 2 to 5 and 7) is monitored and, when an error is detected continuously for 1 second, the unit immediately enters the standby mode.
- When the power is switched on again, the unit is turned on in the same abnormal status as before.
- The supply voltage error detection is not performed for 4 seconds after power on.
- The following table shows the error detection thresholds.

	At abnormal state (Low voltage)	At normal state	At abnormal state (High voltage)
Pin 2	Analog value : 0 - 2.2 Digital value : 000 - 1C0	Analog value : 2.2 - 2.8 Digital value : 1C1 - 240	Analog value : 2.8 - 5.0 Digital value : 241 - 3FF
Pin 3	Analog value : 0 - 2.2 Digital value : 000 - 1C0	Analog value : 2.2 - 2.8 Digital value : 1C1 - 240	Analog value : 2.8 - 5.0 Digital value : 241 - 3FF
Pin 4	Analog value : 0 - 2.2 Digital value : 000 - 1C0	Analog value : 2.2 - 2.8 Digital value : 1C1 - 240	Analog value : 2.8 - 5.0 Digital value : 241 - 3FF
Pin 5	Analog value : 0 - 2.2 Digital value : 000 - 1C0	Analog value : 2.2 - 2.8 Digital value : 1C1 - 240	Analog value : 2.8 - 5.0 Digital value : 241 - 3FF
Pin 7	Analog value : 0 - 2.2 Digital value : 000 - 1C0	Analog value : 2.2 - 2.8 Digital value : 1C1 - 240	Analog value : 2.8 - 5.0 Digital value : 241 - 3FF





**JVC**

VICTOR COMPANY OF JAPAN, LIMITED

AV & MULTIMEDIA COMPANY AUDIO/VIDEO SYSTEMS CATEGORY 10-1,1chome,Ohwatari-machi,Maebashi-city,371-8543,Japan

(No.MB172)



Printed in Japan  
WPC



# JVC

## SCHEMATIC DIAGRAMS

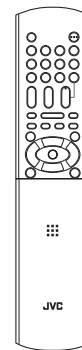
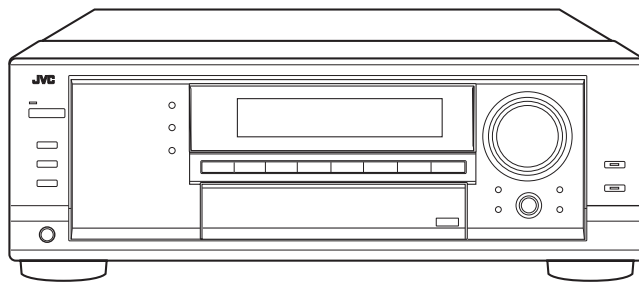
### AUDIO/VIDEO CONTROL RECEIVER

# RX-7042S

CD-ROM No.SML200403

Area suffix

J ----- U.S.A.  
C ----- Canada



AV COMPU LINK

### Contents

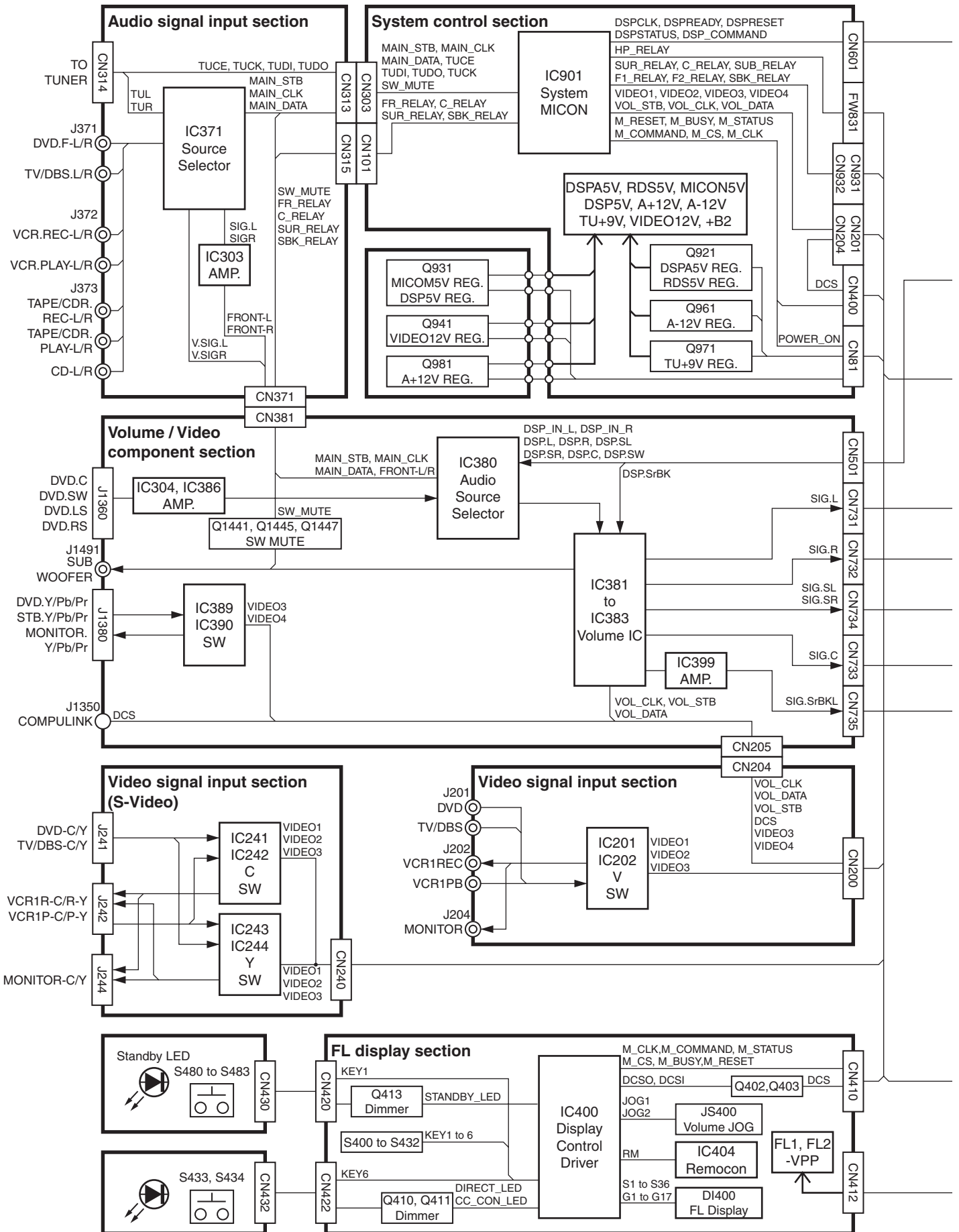
Block diagram .....	2-1
Standard schematic diagrams .....	2-3
Printed circuit boards .....	2-23 to 33

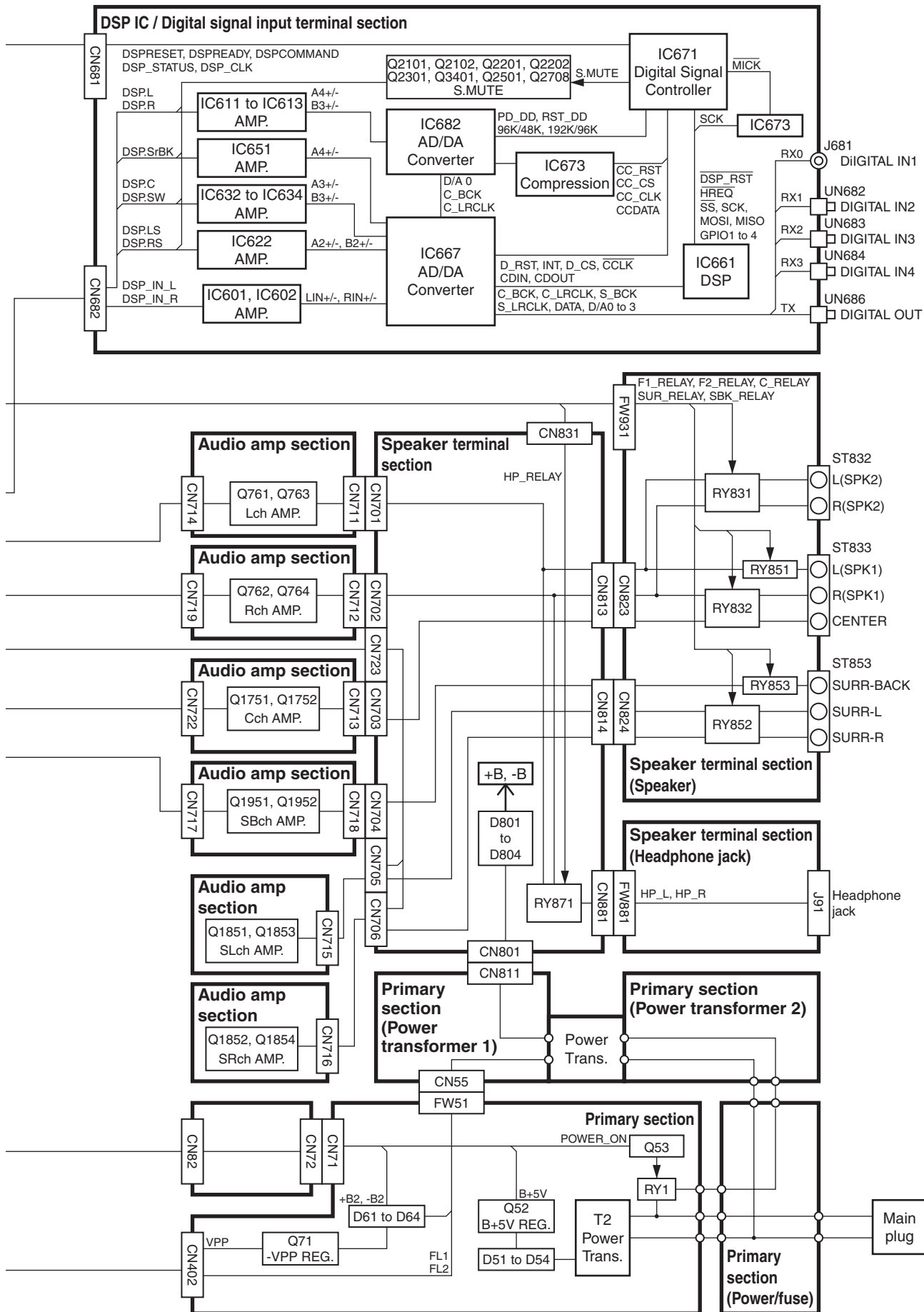
In regard with component parts appearing on the silk-screen printed side (parts side) of the PWB diagrams, the parts that are printed over with black such as the resistor (■), diode (▬) and ICP (●) or identified by the "▲" mark nearby are critical for safety.

(This regulation does not correspond to J and C version.)

< MEMO >

# Block diagram

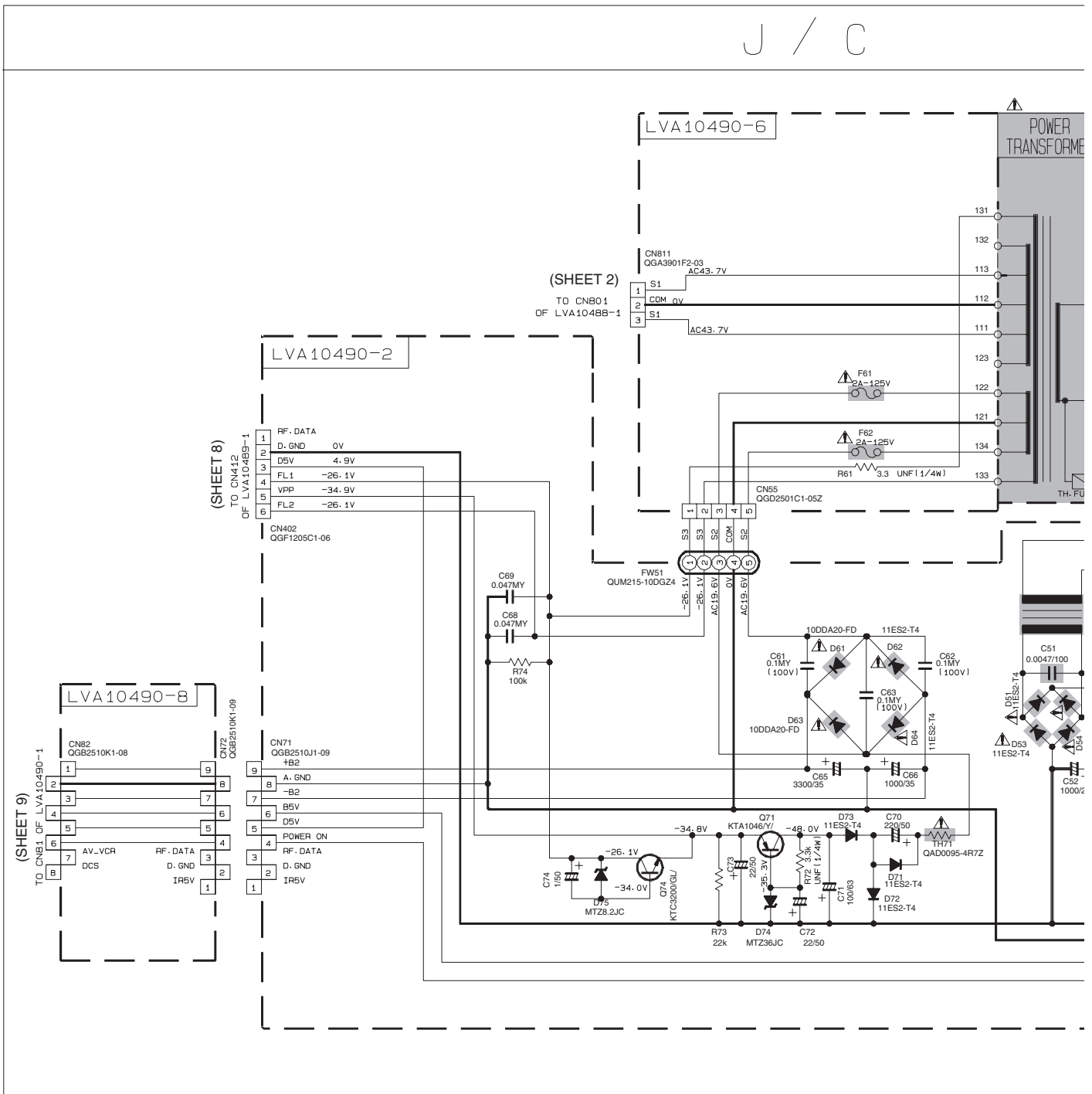




# Standard schematic diagrams

## Primary section

J / C

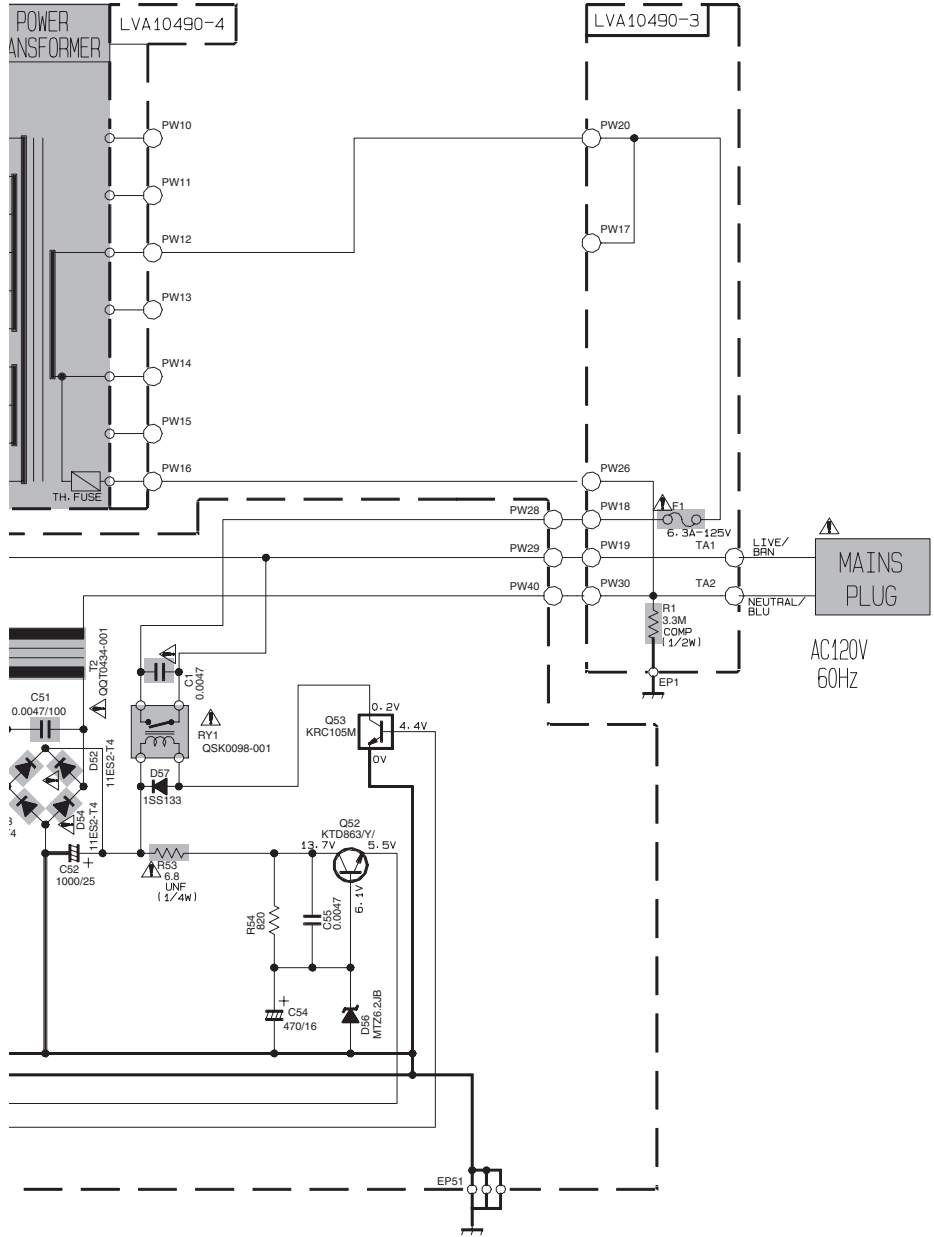


	J/C	US	UP/A/A	B/E/EN/EV
F1	QMF51U1-8R3-JB	QMF51K2-3R15-JB	QMF51K2-3R15-JB	QMF51K2-3R15-JB
F2	NONE	QMF51K2-3R15-J1	QMF51K2-3R15-J1	QMF51K2-3R15-J1
F4	NONE	QMF51K2-3R15-JB	NONE	NONE
F61, F62	QMF51U1-2R0-JB	QMF51K2-2R0-JB	QMF51K2-2R0-JB	QMF51K2-2R0-JB
V51	NONE	USE	NONE	NONE
T3	QGT04M-001	QGT02B1-004	QGT02B1-004	QGT04B3-001
Q51	NONE	USE	USE	NONE
Q59	NONE	USE	USE	NONE
R1	USE	NONE	NONE	NONE
R51, R52	NONE	USE	USE	NONE
R61	3.3	B-2	B-2	B-2
C52	1000/25	475/63	475/63	1000/25
C53	NONE	USE	USE	NONE
C51	NONE	NONE	NONE	USE

VERSION CODES
J : U. S. A.
C : CANADA
B : U. K.
E : CONTINENTAL EUROPE
EN : NORTHERN EUROPE
EV : EASTERN EUROPE
US : SINGAPORE
UP : KOREA
UF : CHINA
A : AUSTRALIA

SHEET NUMBER	CIRCUIT DESCRIPTION
1	PRIMARY
2	SPEAKER TERMINAL
3	AUDIO AMP (FRONT CHANNEL)
4	AUDIO AMP (CENTER, SUPR. S-BACK CHANNEL)
5	AUDIO SIGNAL INPUT
6	VIDEO SIGNAL INPUT
7	VOLUME / VIDEO COMPONENT
8	FL DISPLAY
9	SYSTEM CONTROL
10	DSP

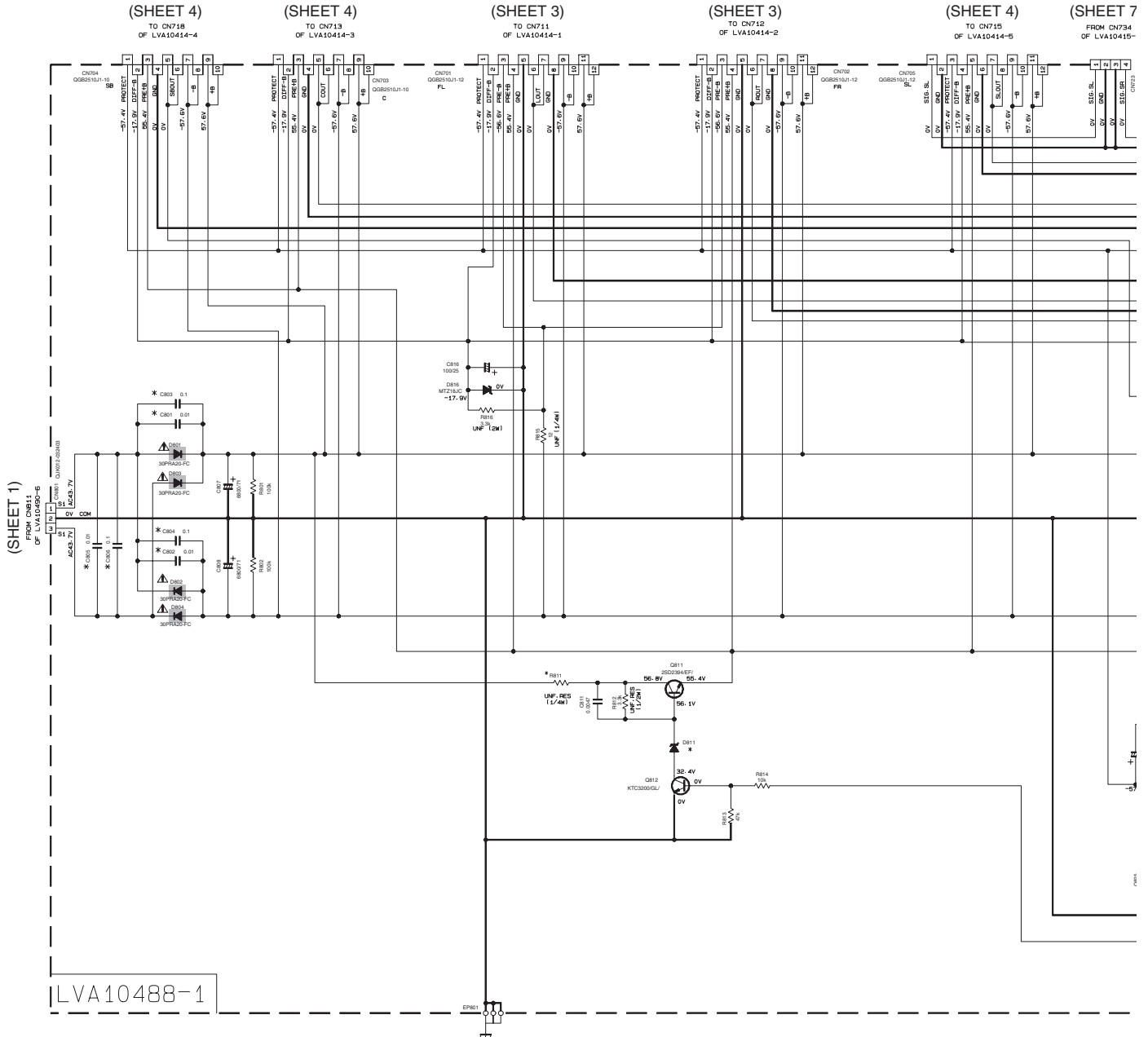
- NOTES
1. VOLTAGES ARE I CONDITION
  2. UNLESS OTHERWISE SPECIFIED ALL RESISTORS ARE IN OHMS ALL CAPACITORS ARE IN MICROFARADS ALL ELECTROLYTIC CAPACITORS ARE IN MICROFARADS



TAGES ARE DC-MEASURED WITH A DIGITAL VOLT METER WITHOUT INPUT SIGNAL.  
 DITION --- COLD START. POWER ON. FM. SURROUND OFF. VOL 30  
 ESS OTHERWISE SPECIFIED.  
 L RESISTORS ARE 1/6W ±5% CARBON RESISTOR.  
 L CAPACITORS ARE 50V CERAMIC CAPACITOR.  
 L RESISTANCE VALUES ARE IN OHM (Ω).  
 L CAPACITANCE VALUES ARE IN uF (μF).  
 L E. CAPACITORS ARE SHOWN IN THE FORM OF CAPACITANCE(uF)/RATED VOLTAGE(V).

▲ Parts are safety assurance parts.  
 When replacing those parts make  
 sure to use the specified one.

# Speaker terminal section



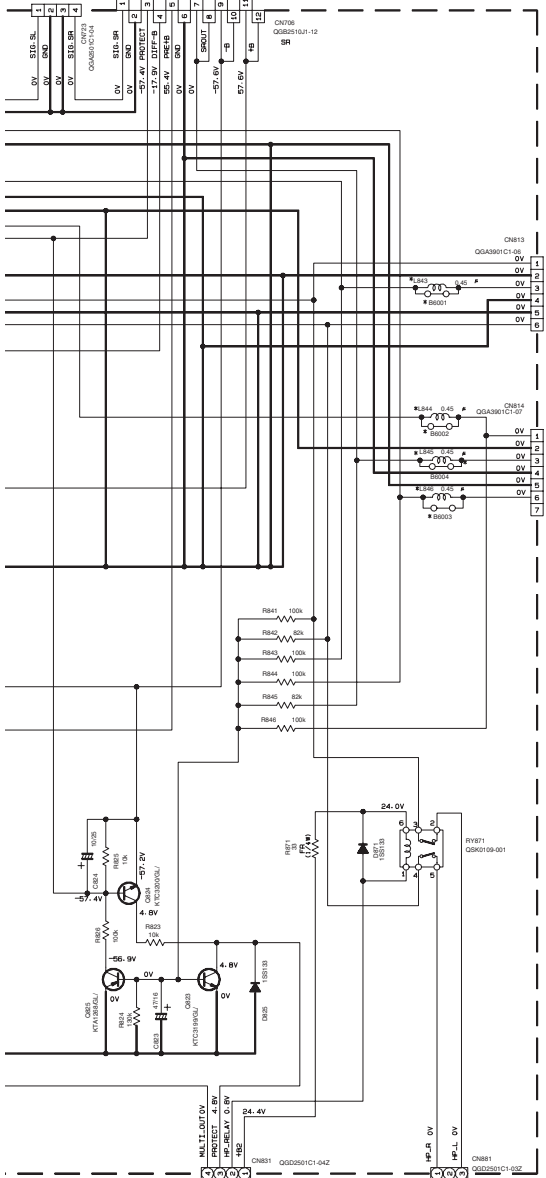
\*MARK

	U/C	US/JP/UK/A	B/E/EN/VEV
DB11	MT224JC	MT215JC	MT220JC
RB11	15	12	12
CB01-CB02, CB05	USE	NONE	NONE
CB03-CB04, CB06	NONE	USE	USE
LB43-LB45	NONE	USE	USE
BE001-BE004	USE	NONE	NONE
ST633	QNB0079-001	QNB0079-001	QNB0079-001
ST633	QNB0105-002	QNB0111-001	QNB0111-001
RB33, RB34	NONE	USE	USE
RB37, RB38	NONE	USE	USE
RB57	5.6K	10K	6.6K
RB60, RB63, RB69	USE	NONE	USE
RB85	NONE	USE	USE
RB87-RB89	NONE	USE	USE
CB33-CB49	NONE	USE	USE
CB51	NONE	USE	USE
CB83-CB93	NONE	USE	USE
CB95-CB98	NONE	USE	USE
CB94, CB99	NONE	USE	USE
CS1, CS2	NONE	USE	USE

⚠ Parts are safety assurance parts.  
When replacing those parts make sure to use the specified one.

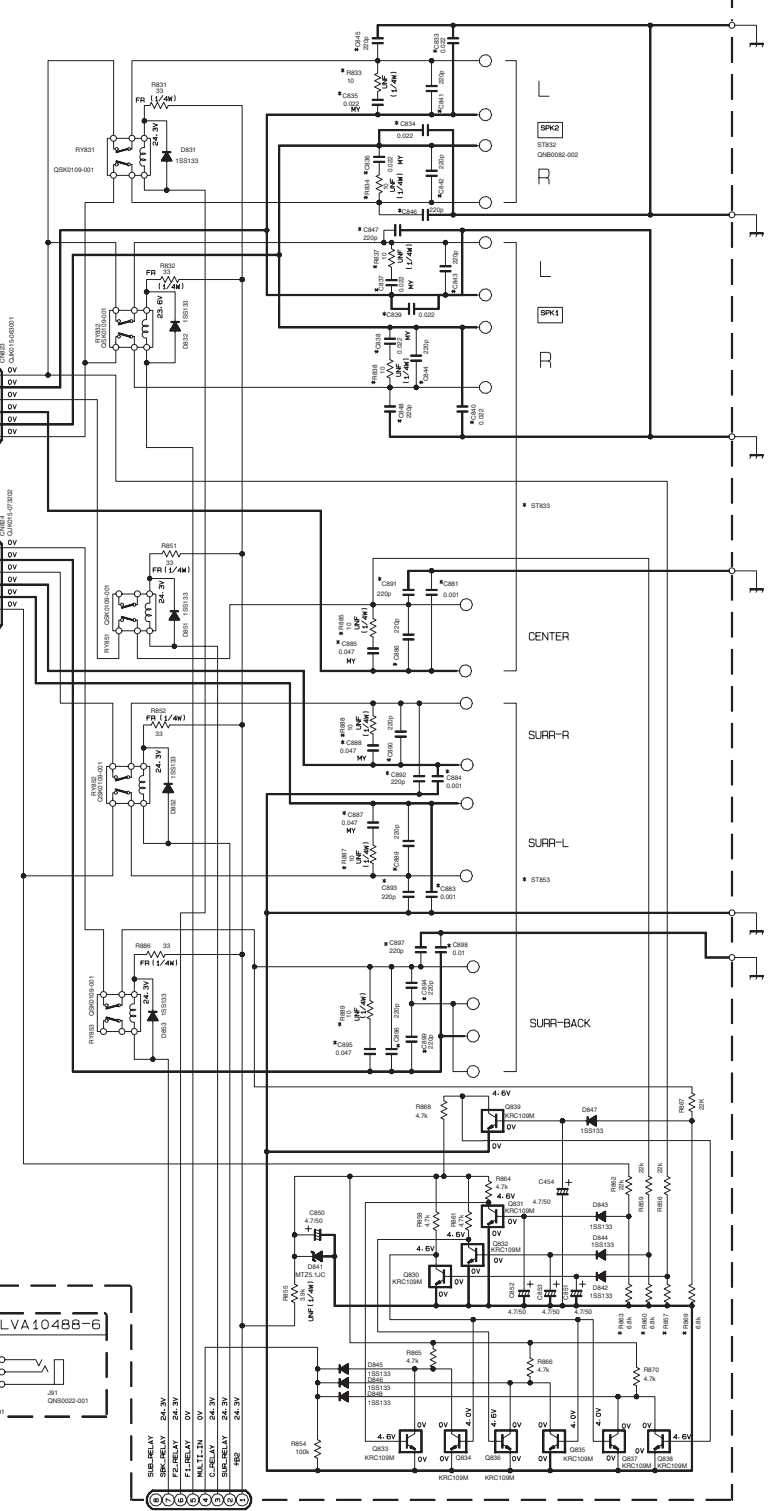


(SHEET 7) (SHEET 7)  
 FROM CN734 OF LVA10415-1 TO CN716 OF LVA10414-6



FROM FW931 OF LVA10488-1 (SHEET 9)

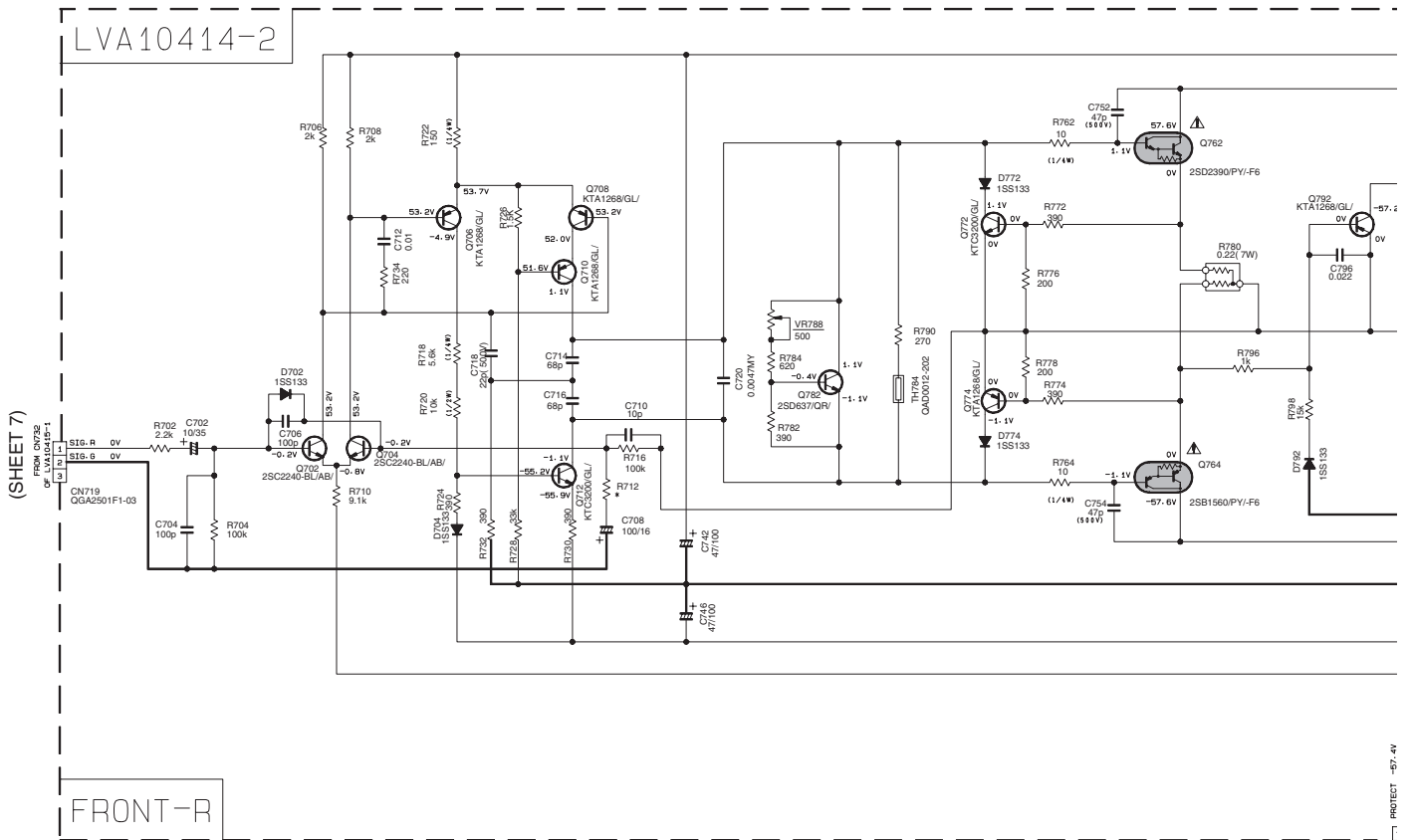
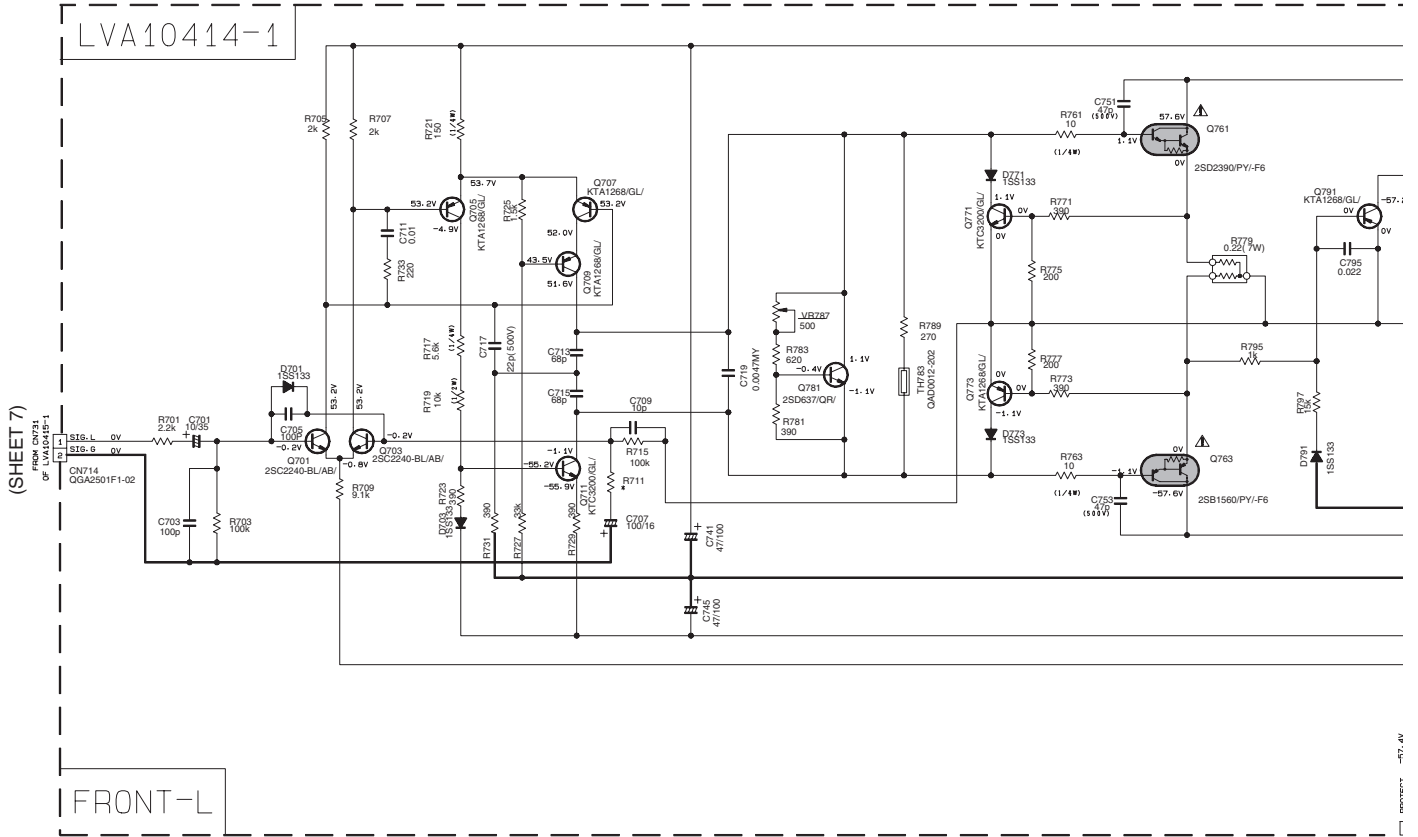
LVA10488-3

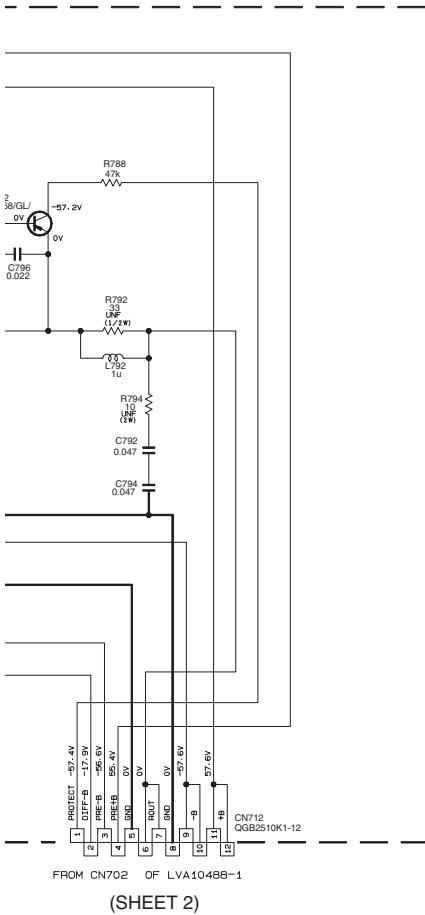
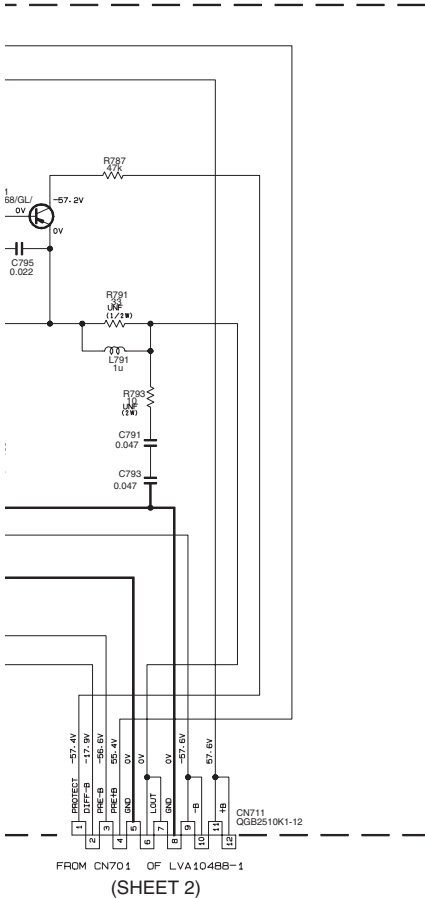


FROM CN314CN352 OF LVA10490-1 (SHEET 9)

is.  
ke

# ■ Audio amp section (1/2)



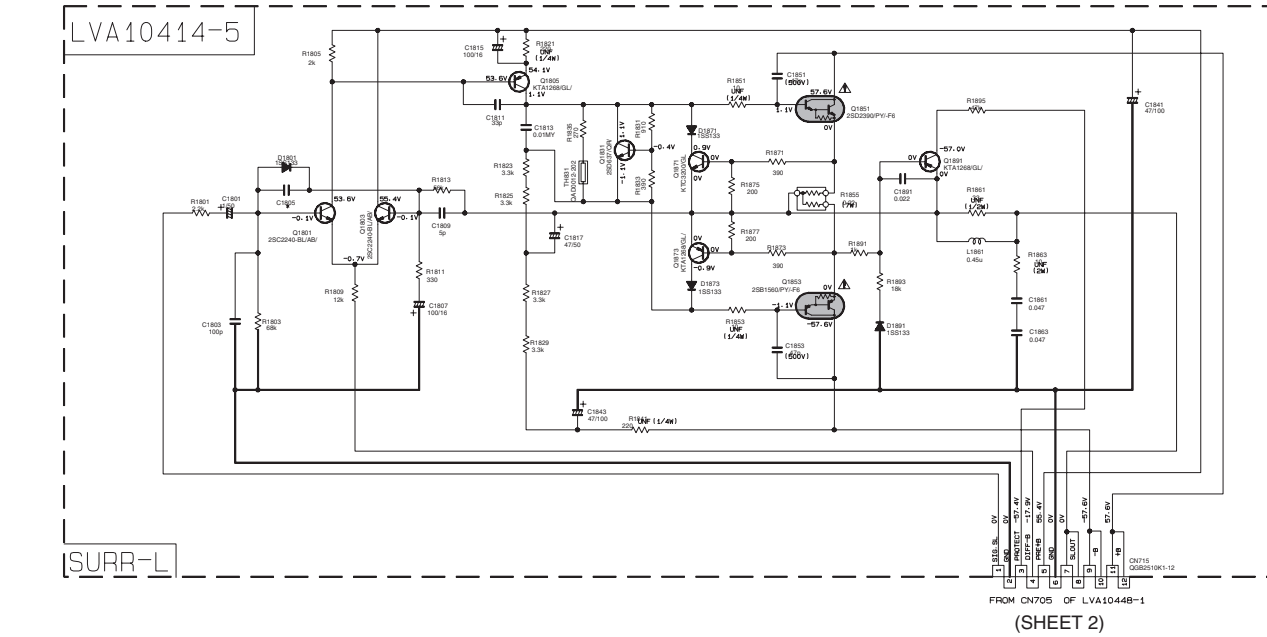
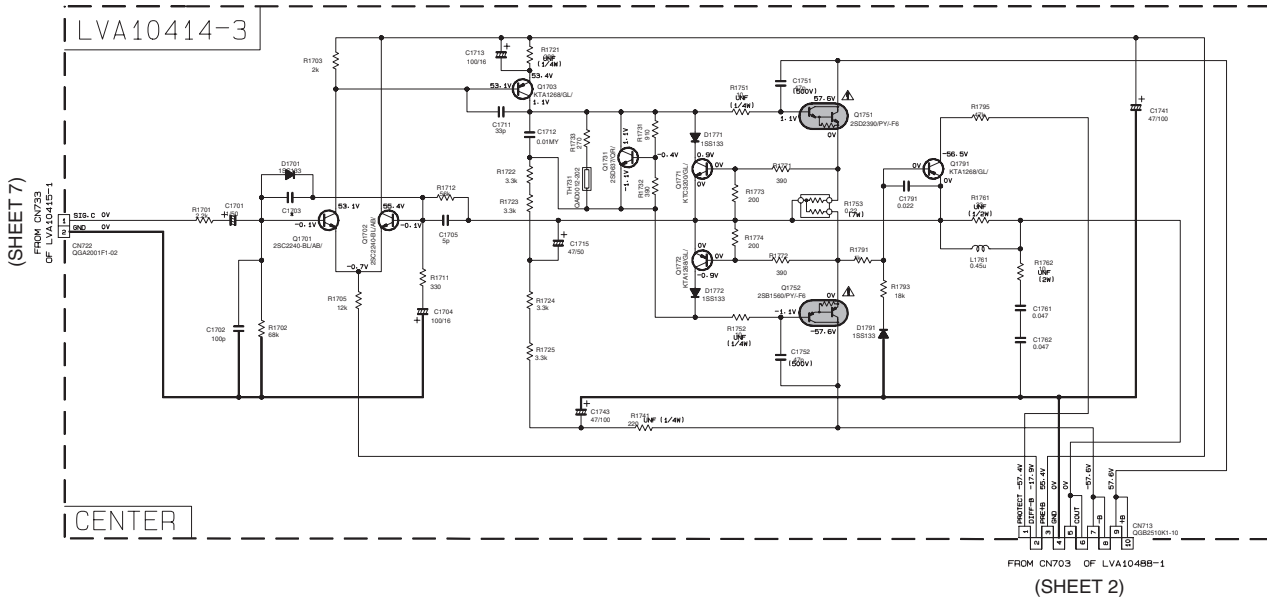


\* MARK

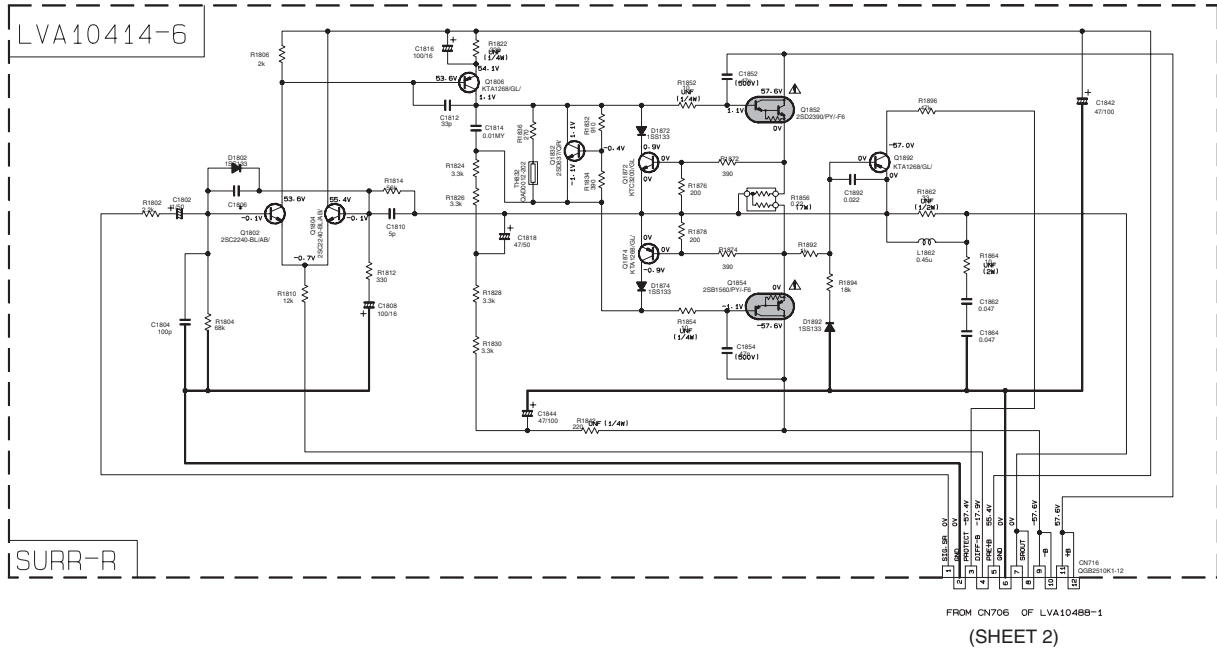
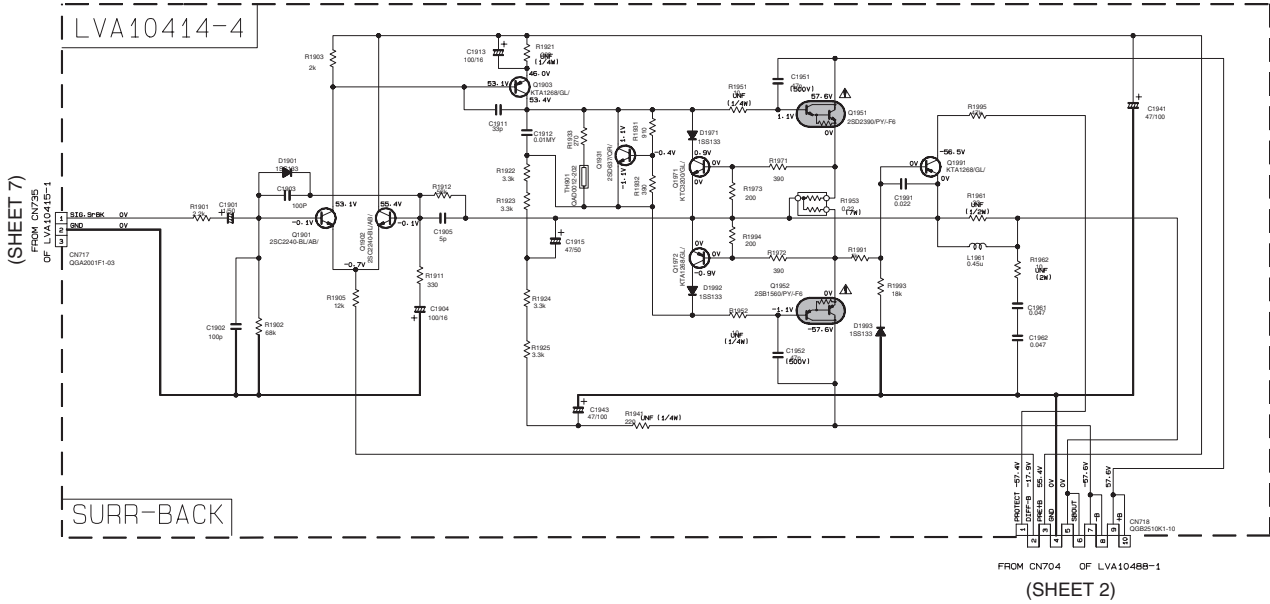
	J/C	EXCEPT J/C
R711-R712	560	620

▲ Parts are safety assurance parts.  
When replacing those parts make sure to use the specified one.

# ■ Audio amp section (2/2)



▲ Parts are safety  
When replacing  
sure to use the :

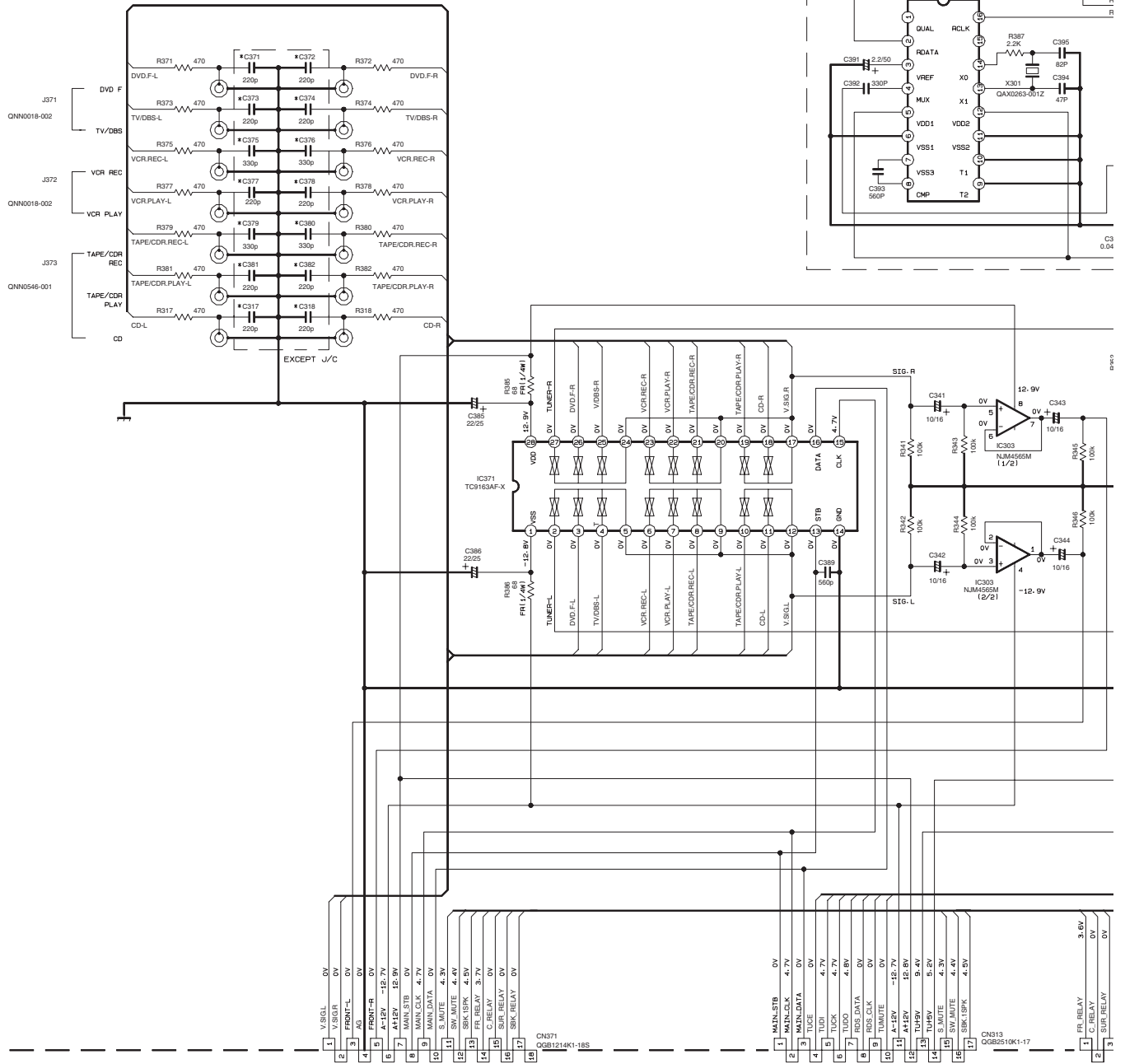


For safety assurance parts.  
Replacing those parts make  
use the specified one.

MARK	J/C	EXCEPT J/C
C1703-C1805-C1806	100p	220p

# Audio signal input section

LVA10489-5

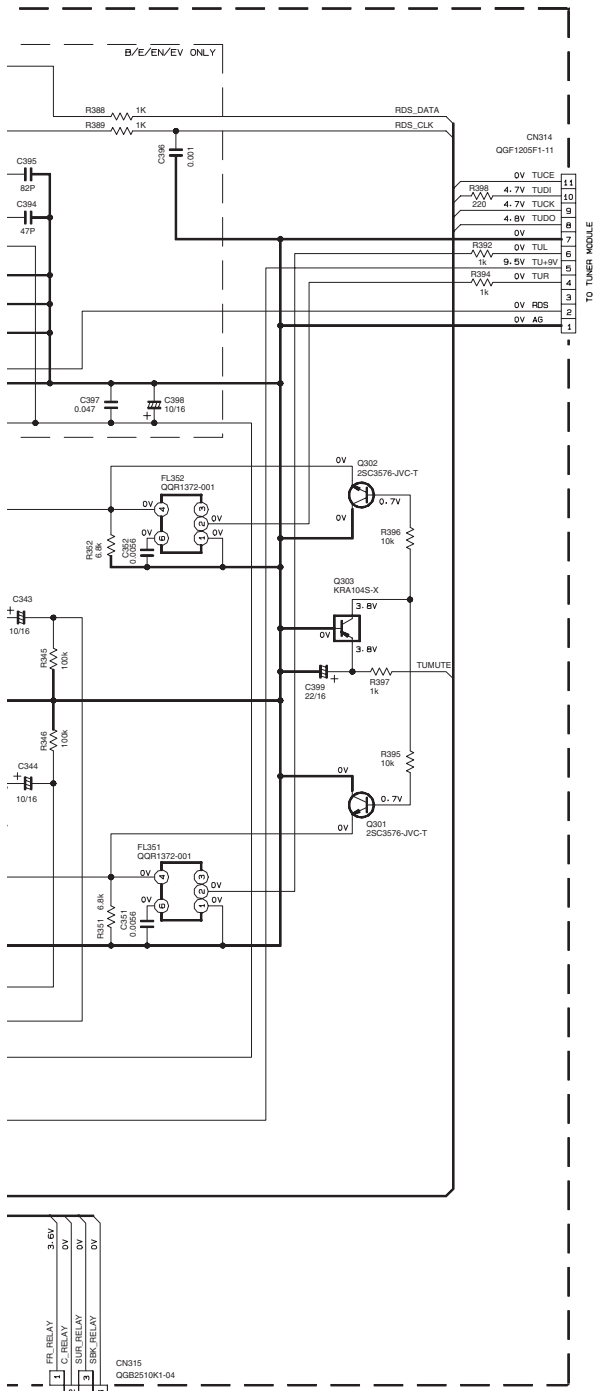


AUDIO I/O

	J/C	EXCEPT J/C
C317-C318	NONE	USE
C371-C382	NONE	USE

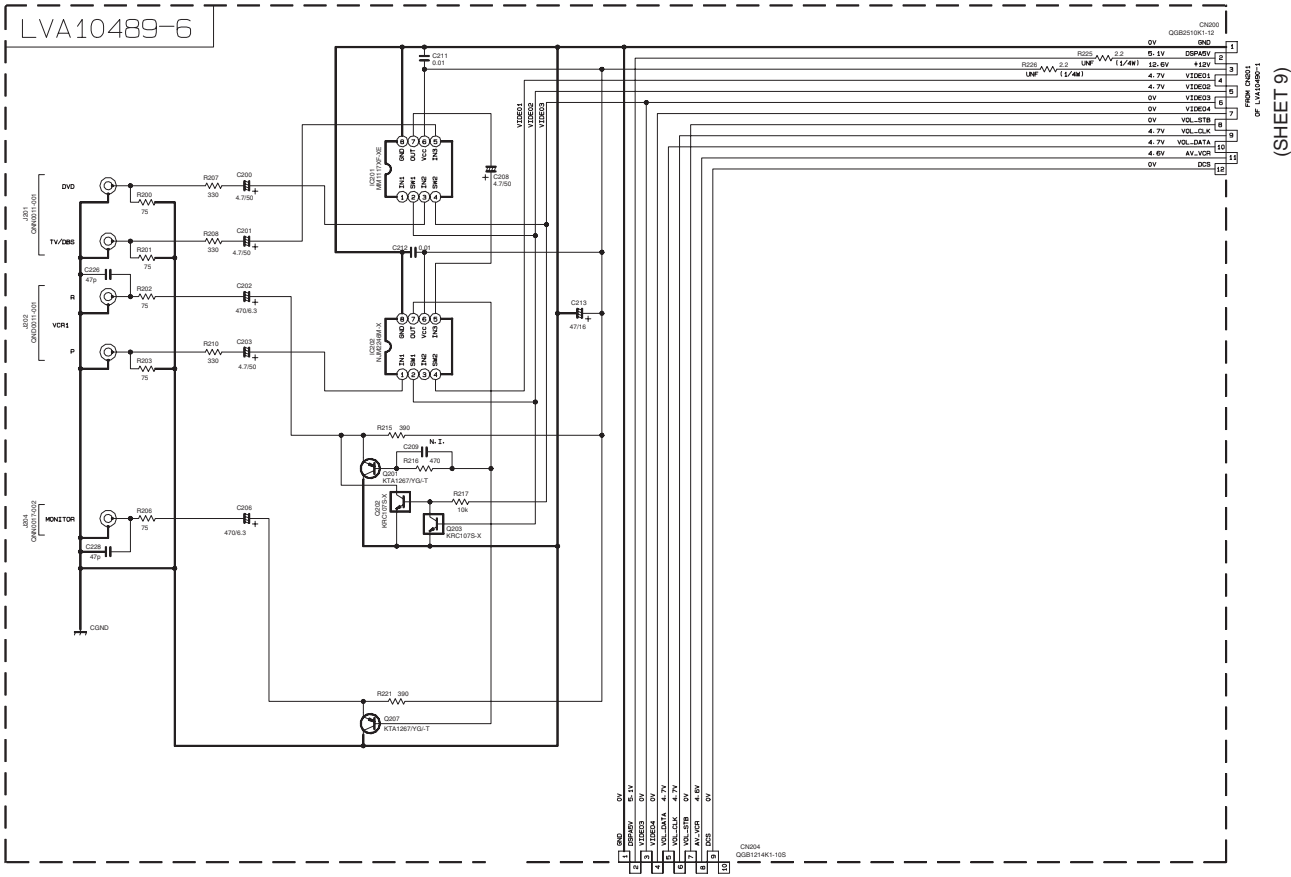
RDS

	B/E/EN/EV	EXCEPT B/E/EN/EV
IC372	USE	NONE
R387-R389	USE	NONE
C391-C398	USE	NONE
X301	USE	NONE



TO CN101  
OF LVA10490-1  
(SHEET 9)

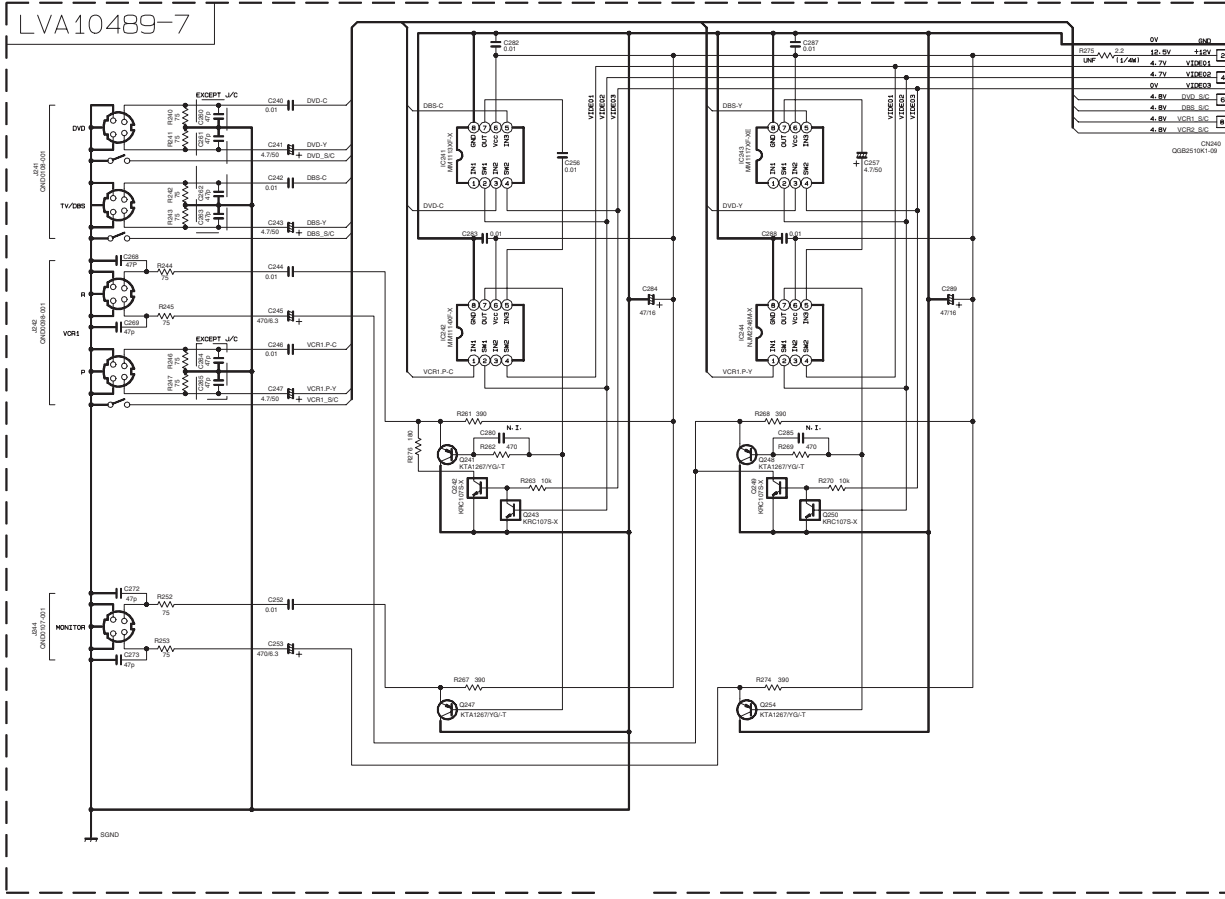
# Video signal input section



LVA10489-6 (SHEET 9)



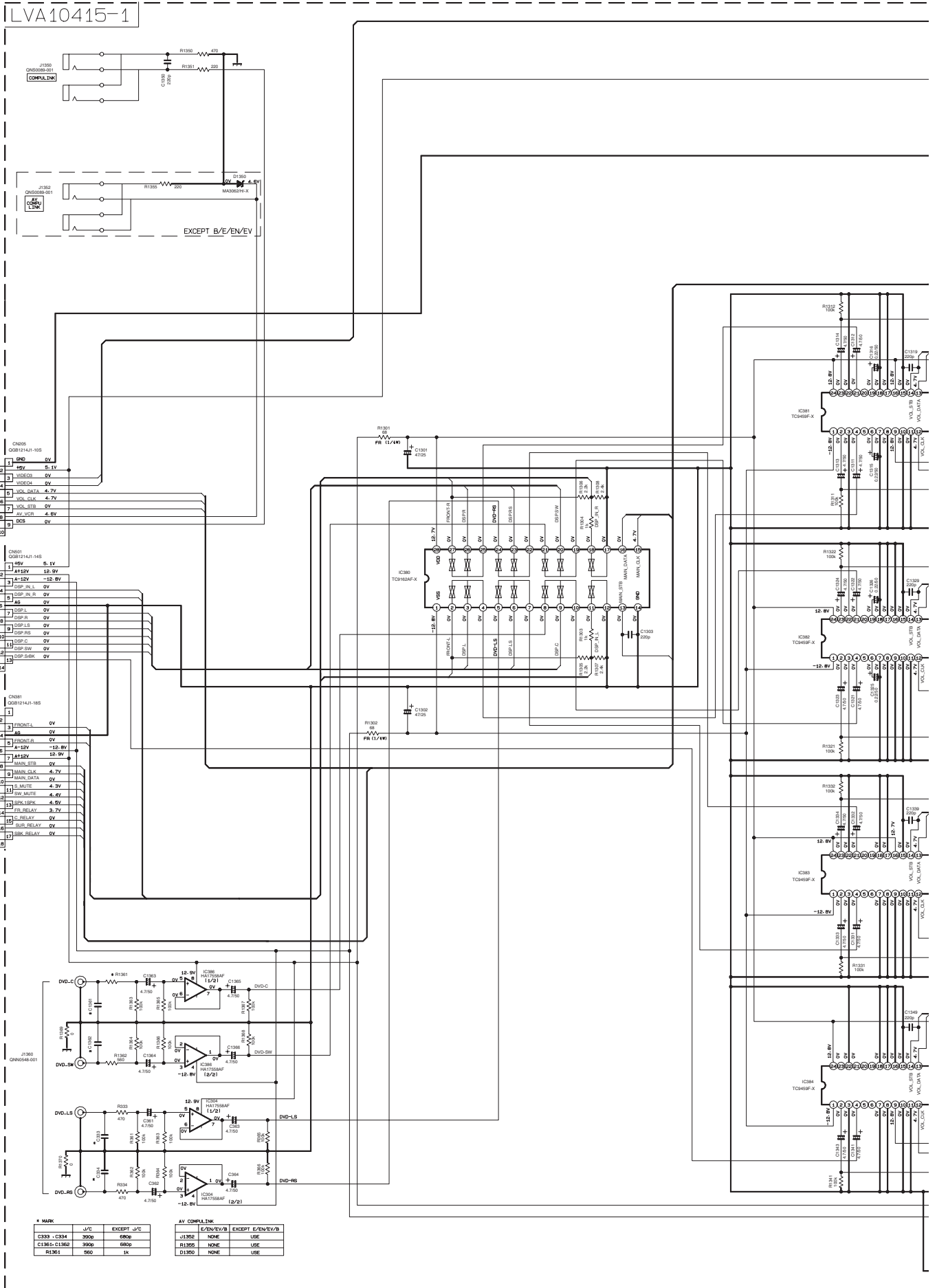
LVA10489-7

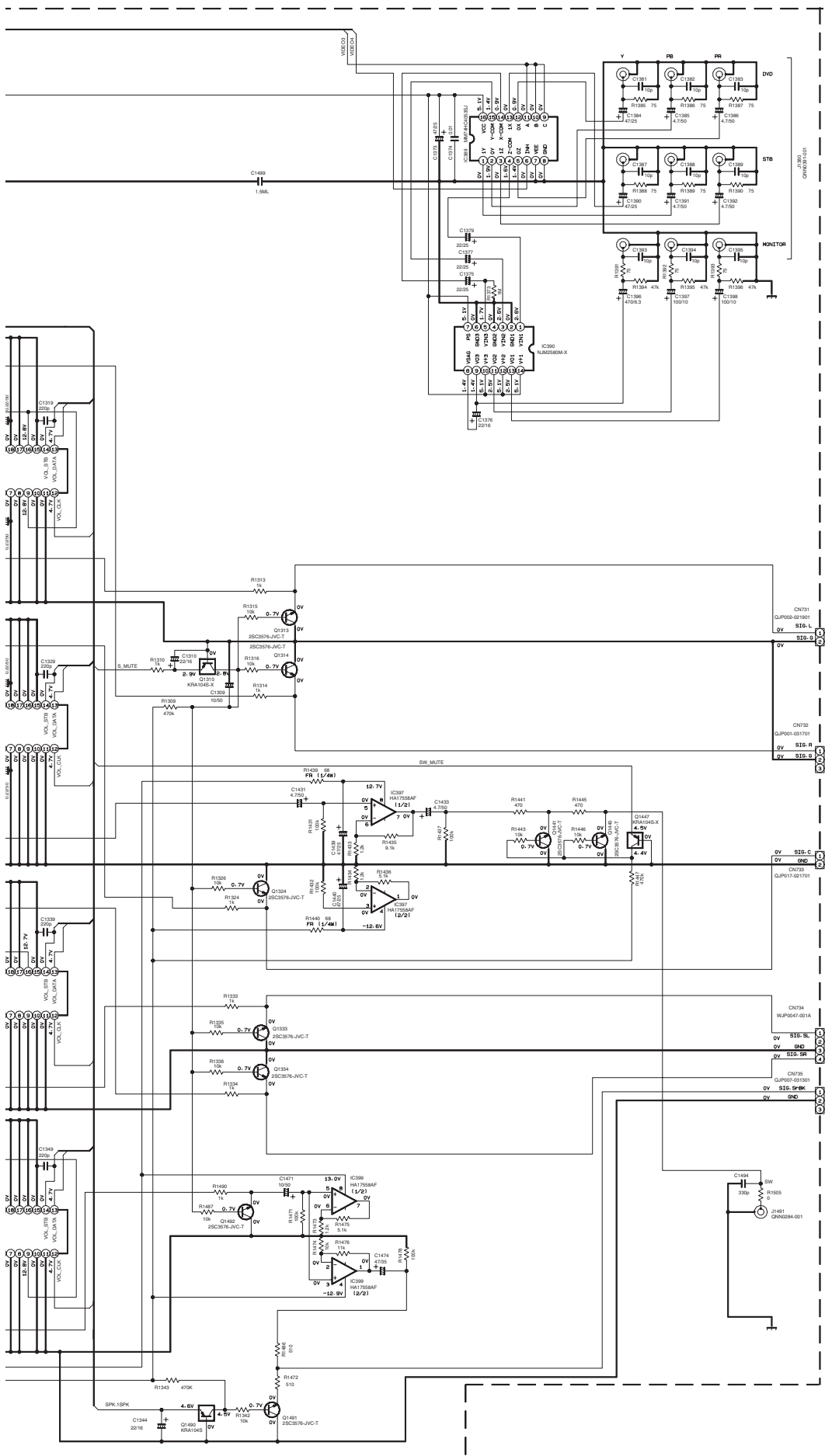


FROM SHEET 1 OF LVA10489-7  
(SHEET 9)

	J/C	EXCEPT J/C
C280-C285	NONE	USE

# Volume / Video Component section





TO CN714  
OF LVA10414-1  
(SHEET 3)

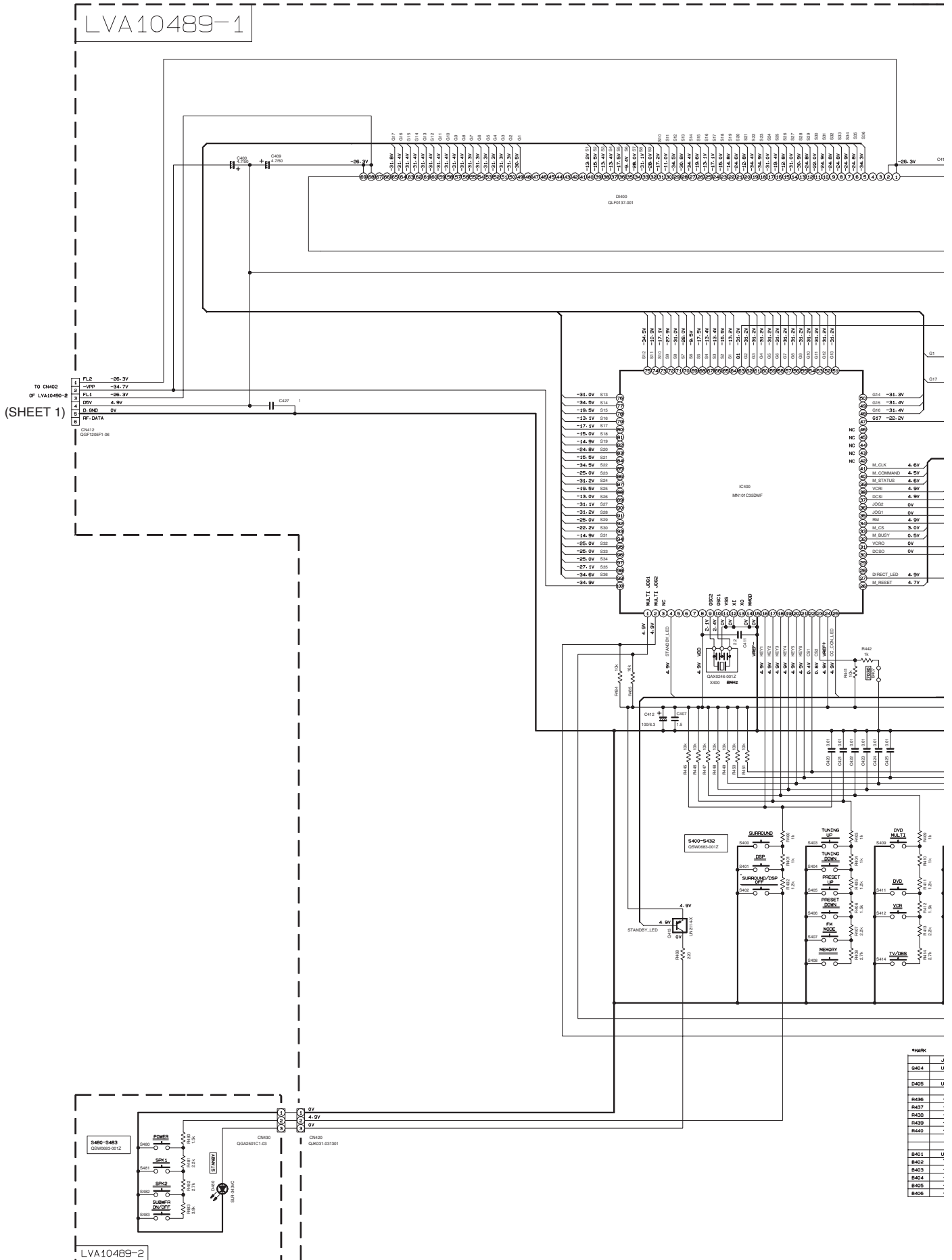
TO CN719  
OF LVA10414-2  
(SHEET 3)

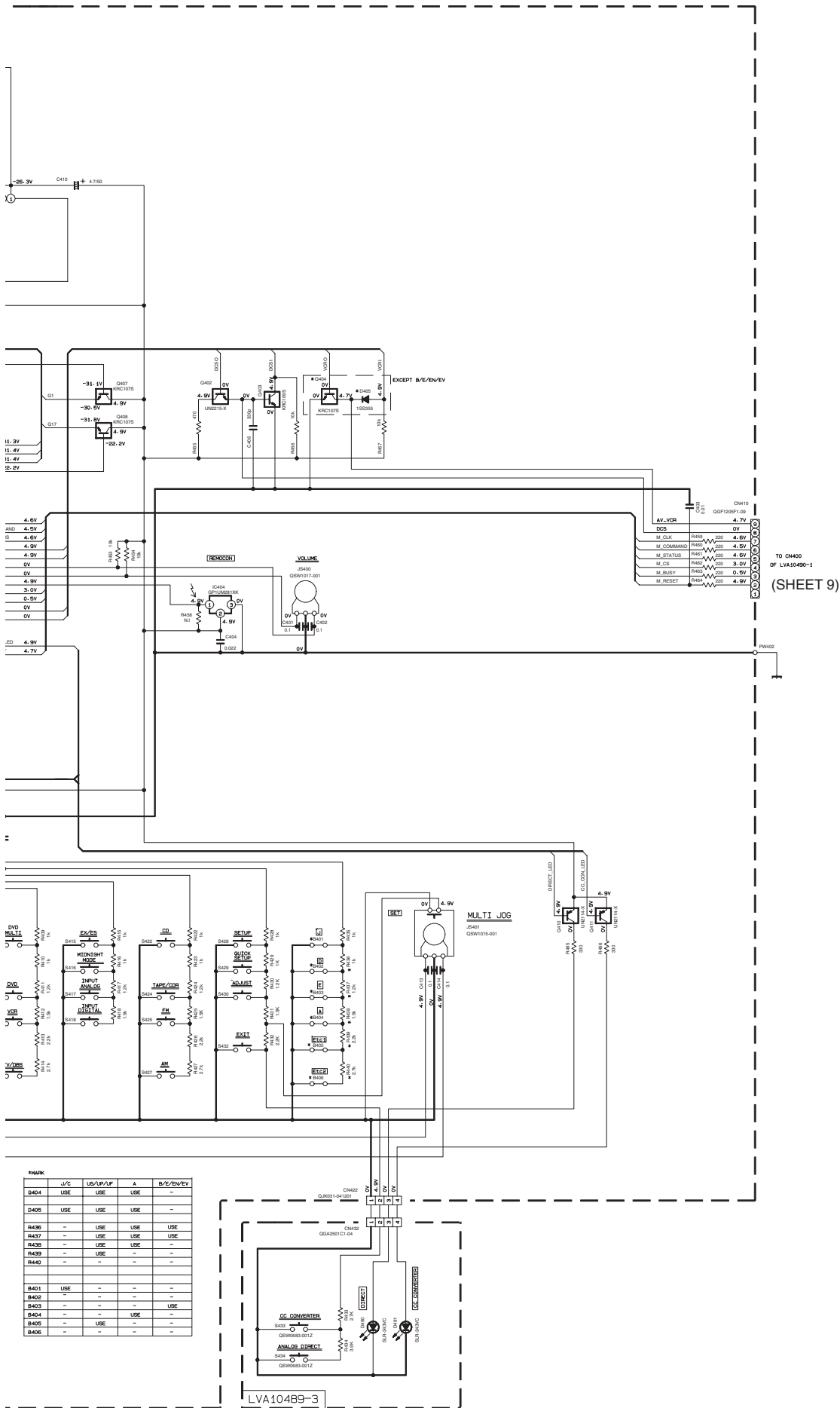
TO CN722  
OF LVA10414-3  
(SHEET 4)

TO CN723  
OF LVA10409-1  
(SHEET 2)

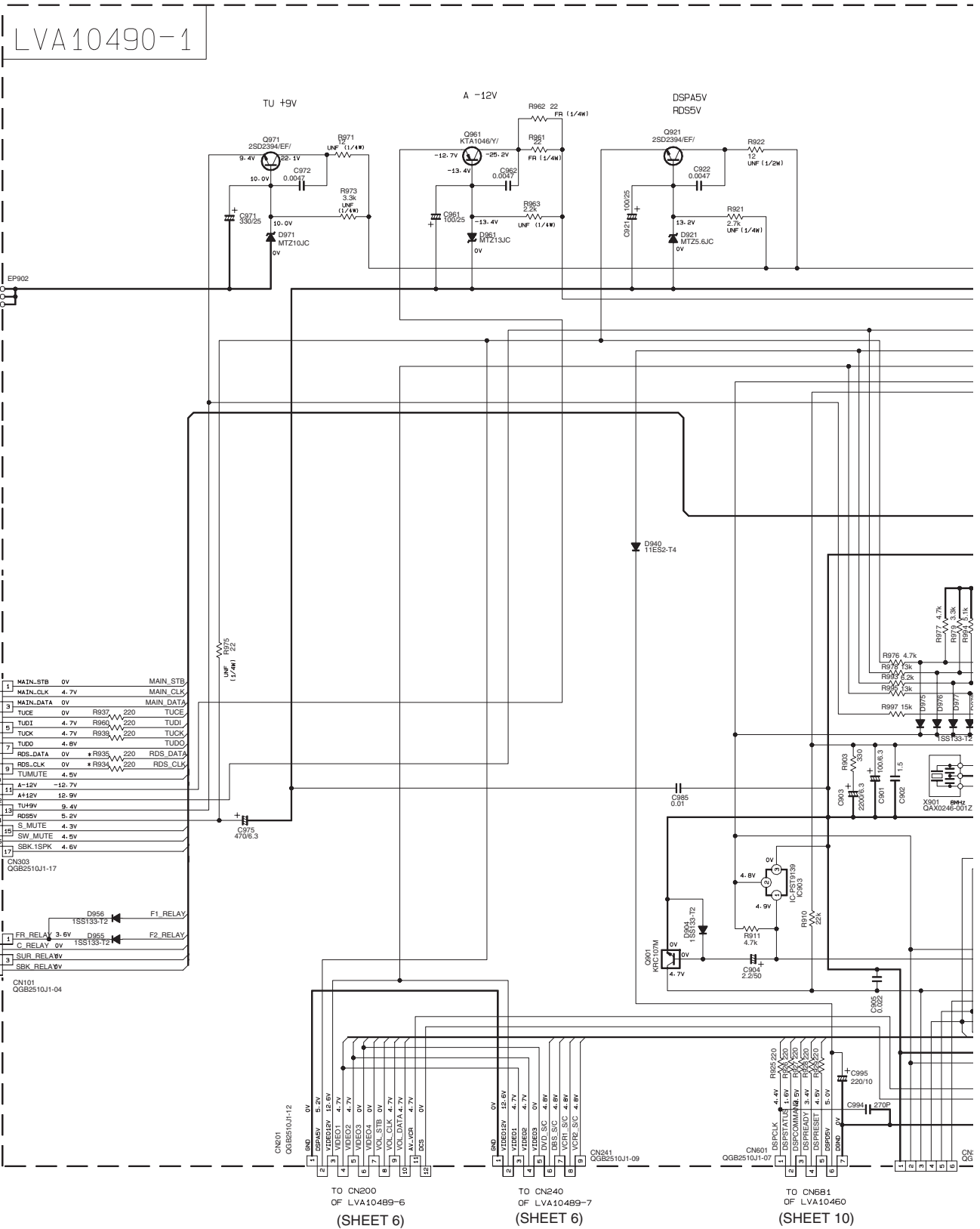
TO CN717  
OF LVA10414-4  
(SHEET 4)

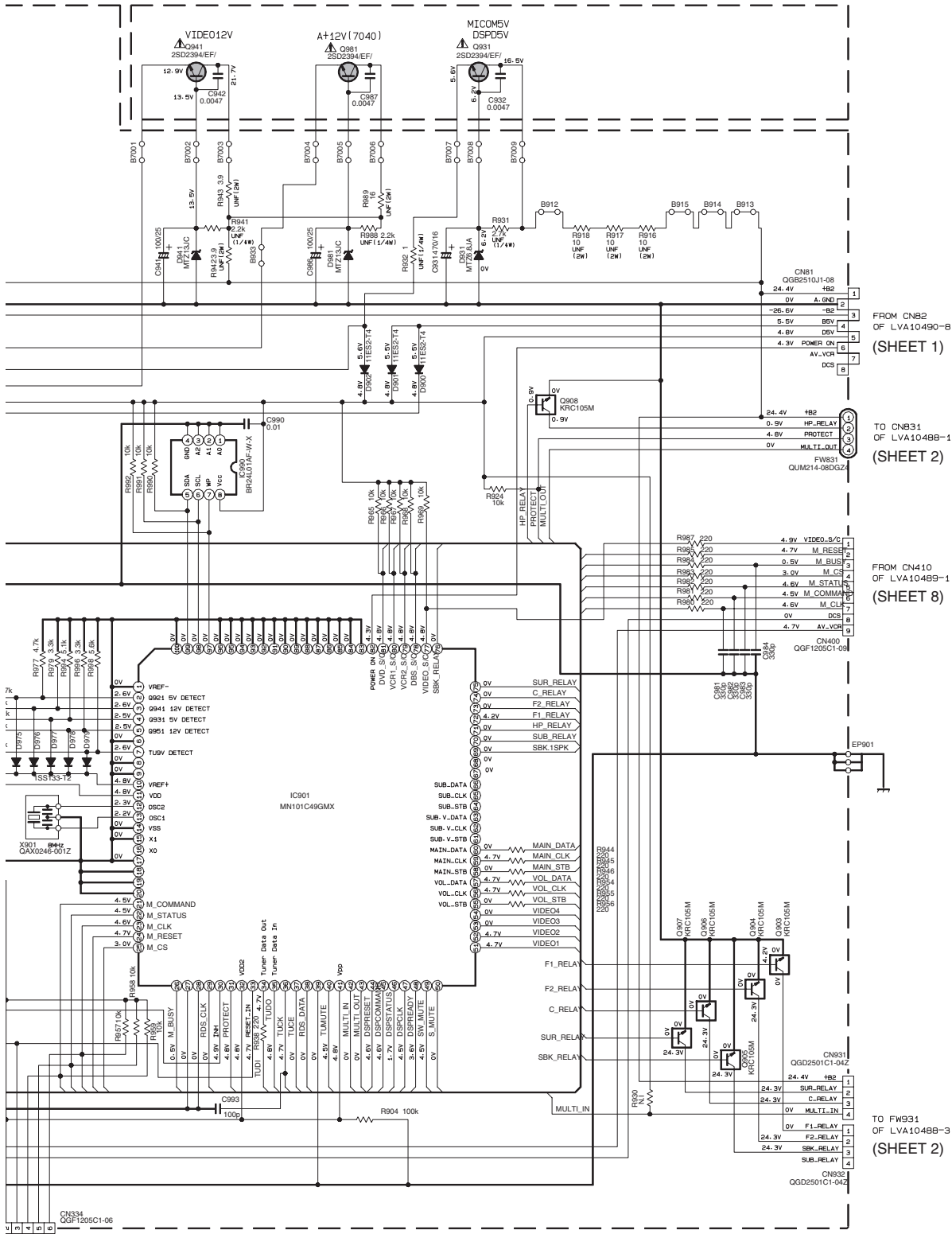
# FL display section





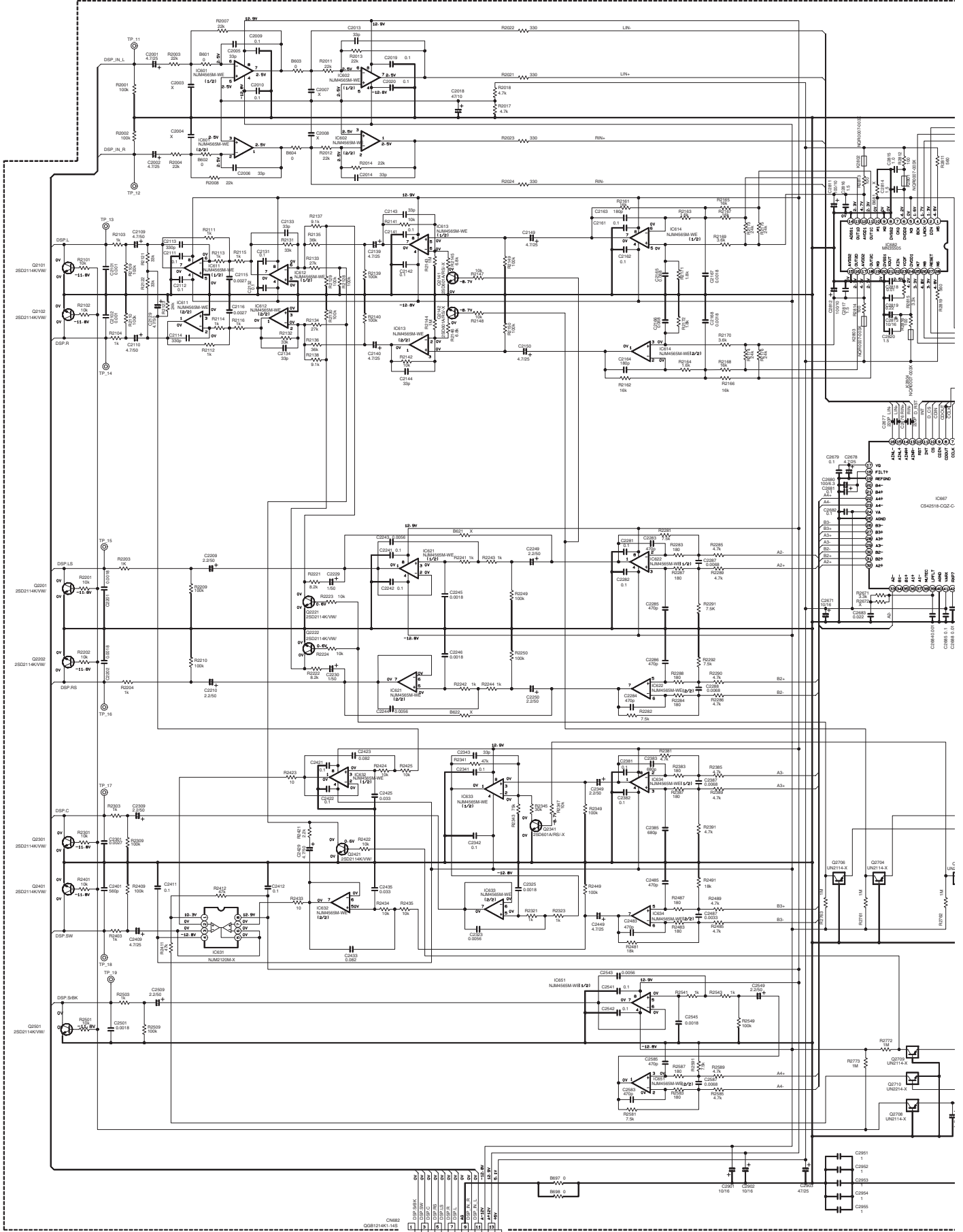
# System control section





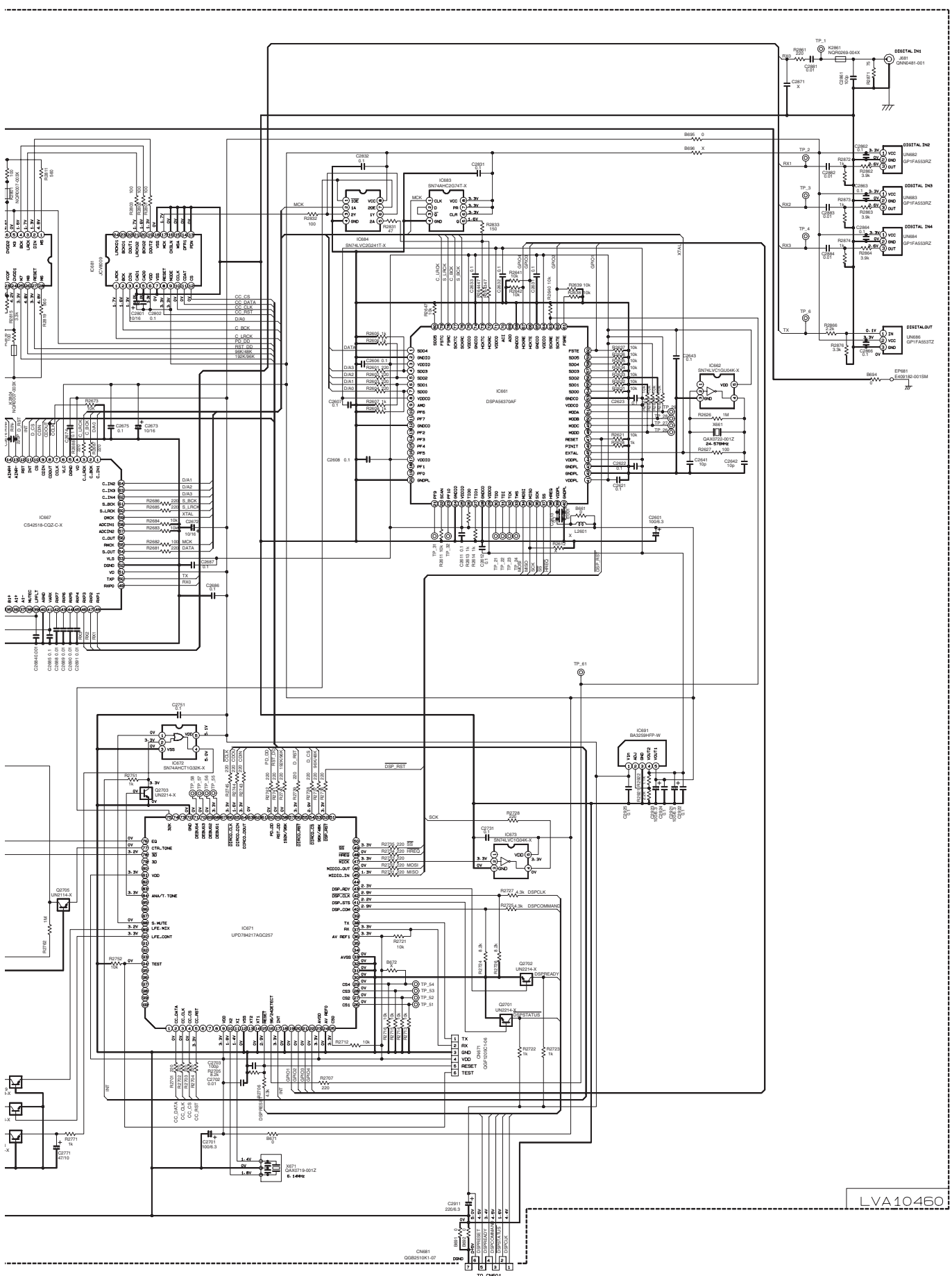
**Parts are safety assurance parts.**  
 When replacing those parts make  
 sure to use the specified one.

**DSP section**



TO CH01  
OF LVA1041D-1  
(SHEET 7)



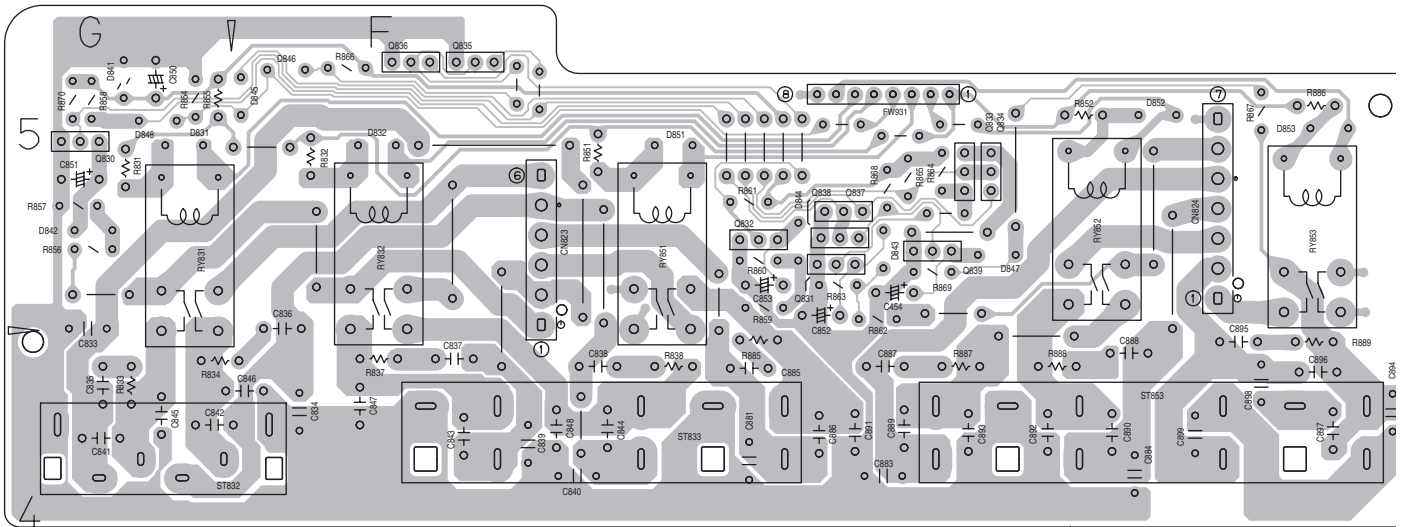


LVA10460

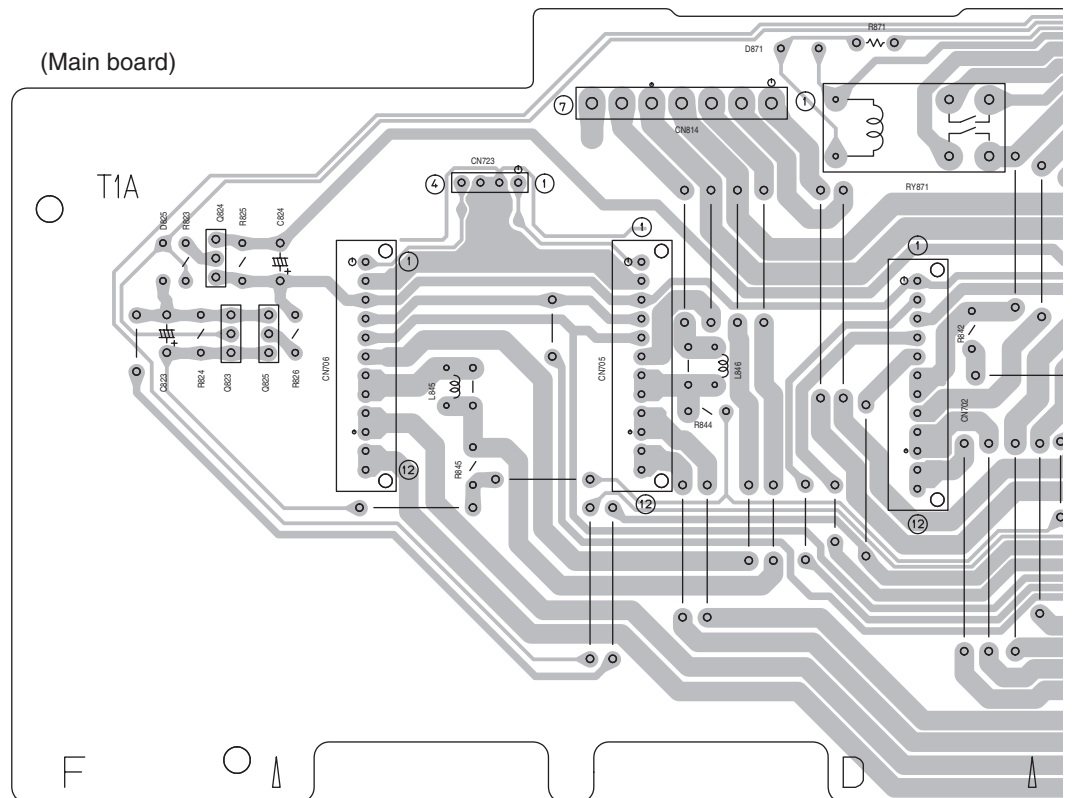
# Printed circuit boards

## ■ Main board

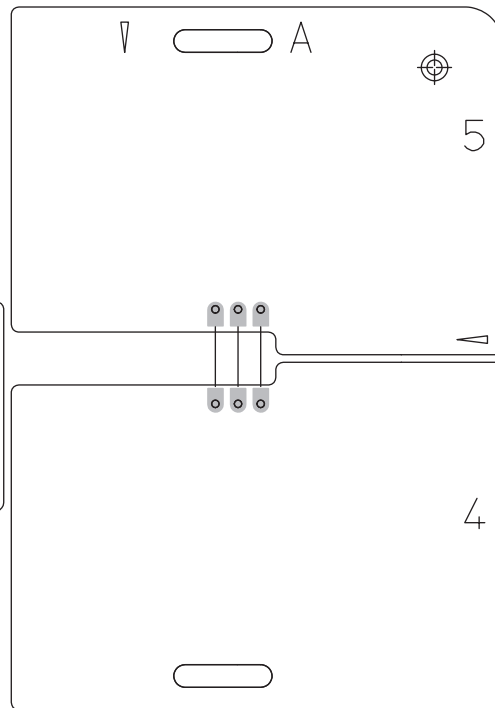
(Speaker board)



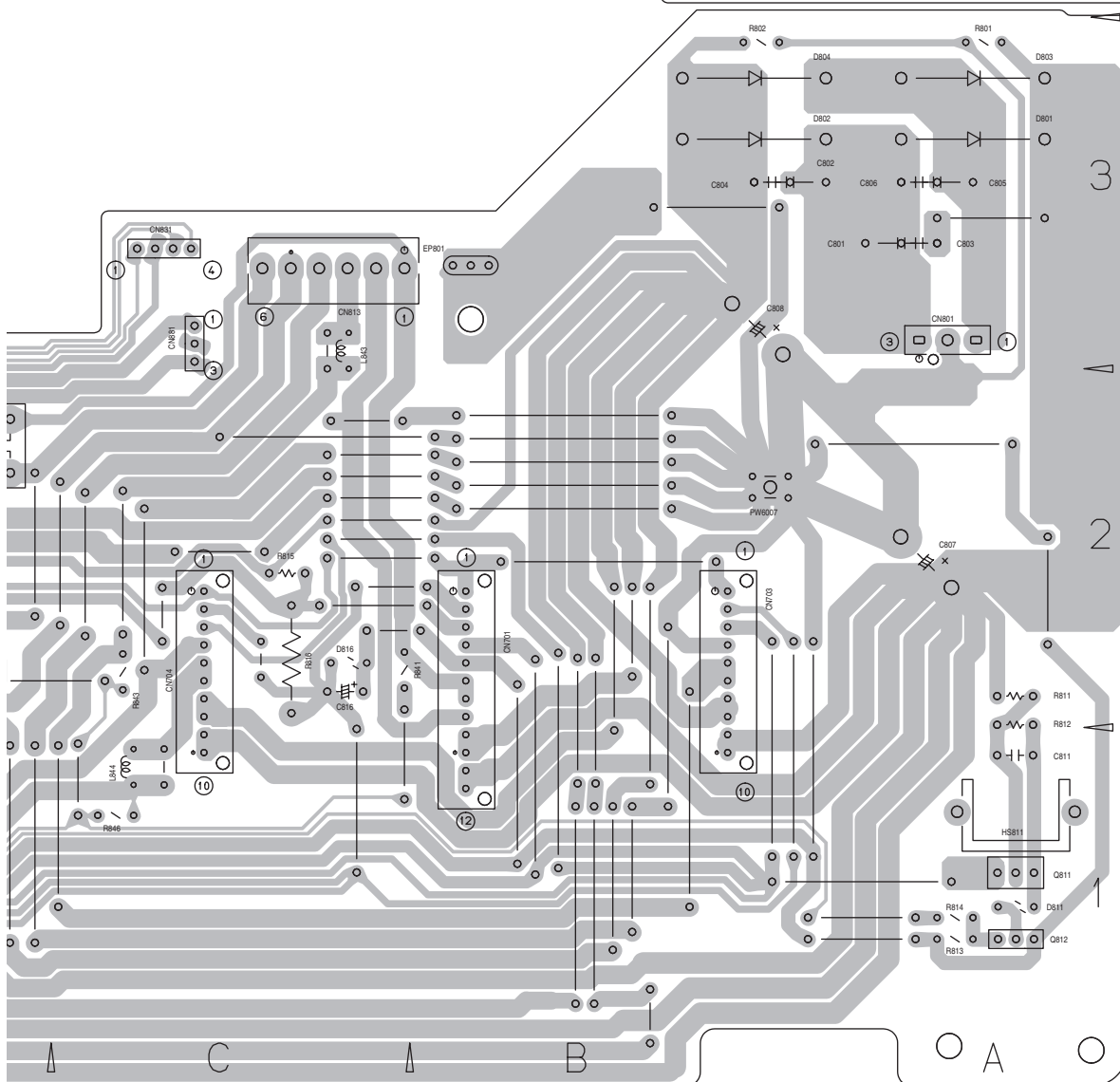
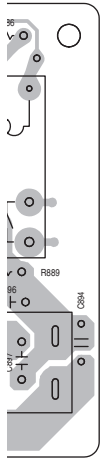
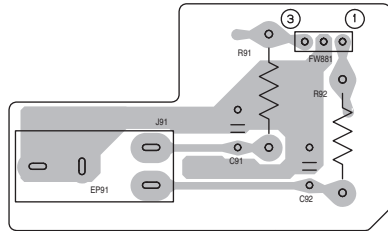
(Main board)



(Wire protection board)

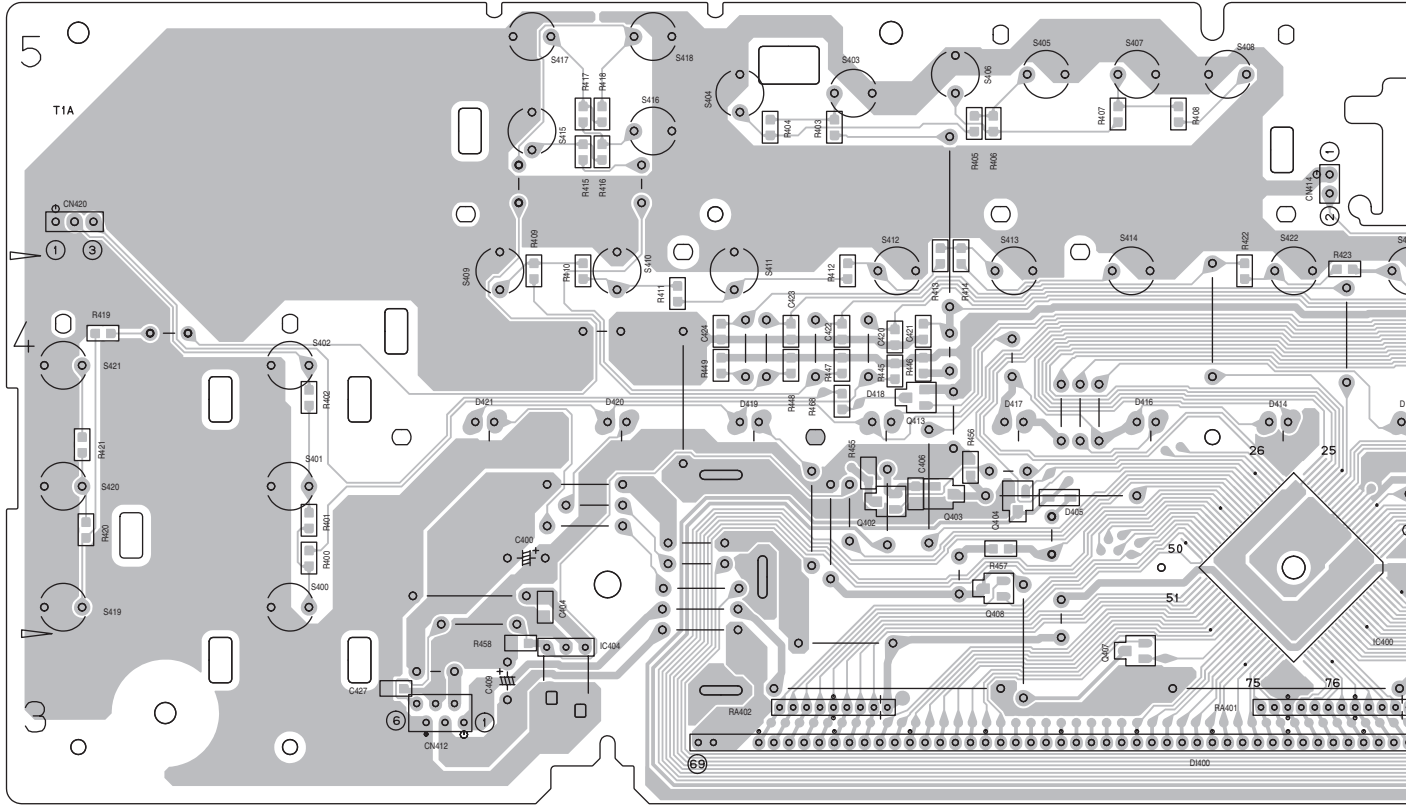


(Headphone jack board)

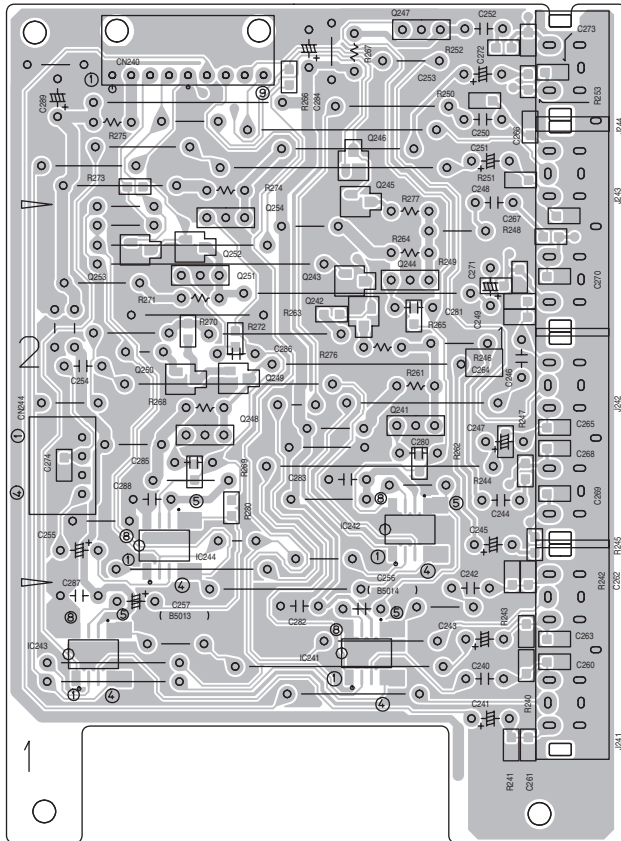


# ■ Front board

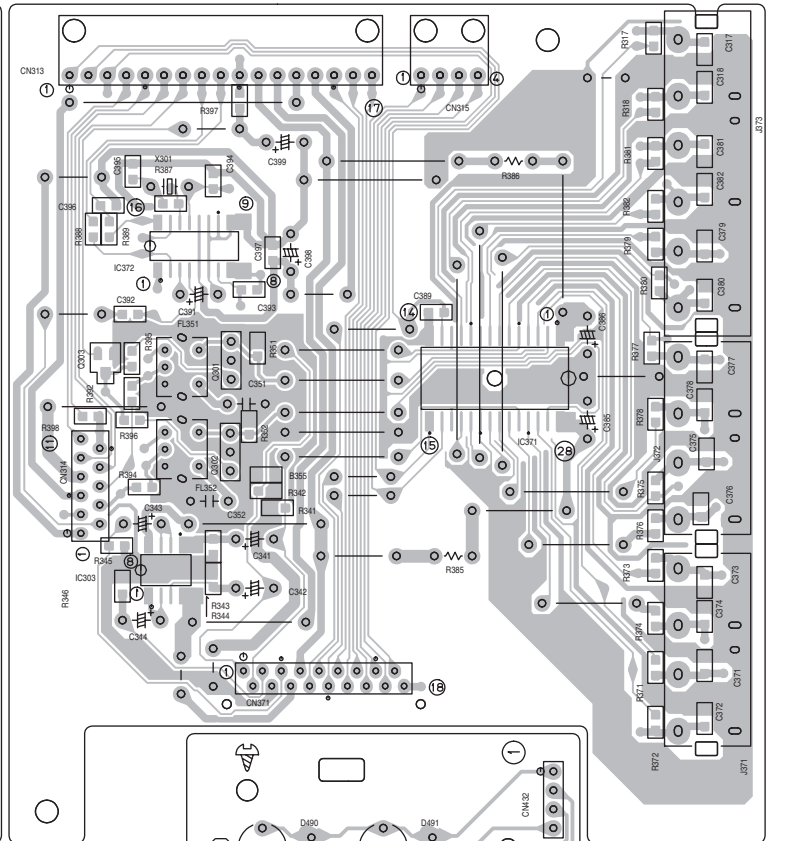
(Front key & System control board)



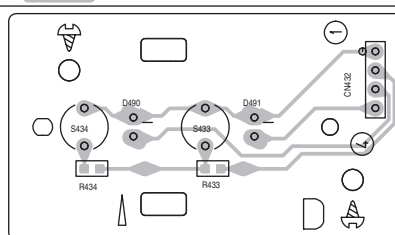
(S-video board)

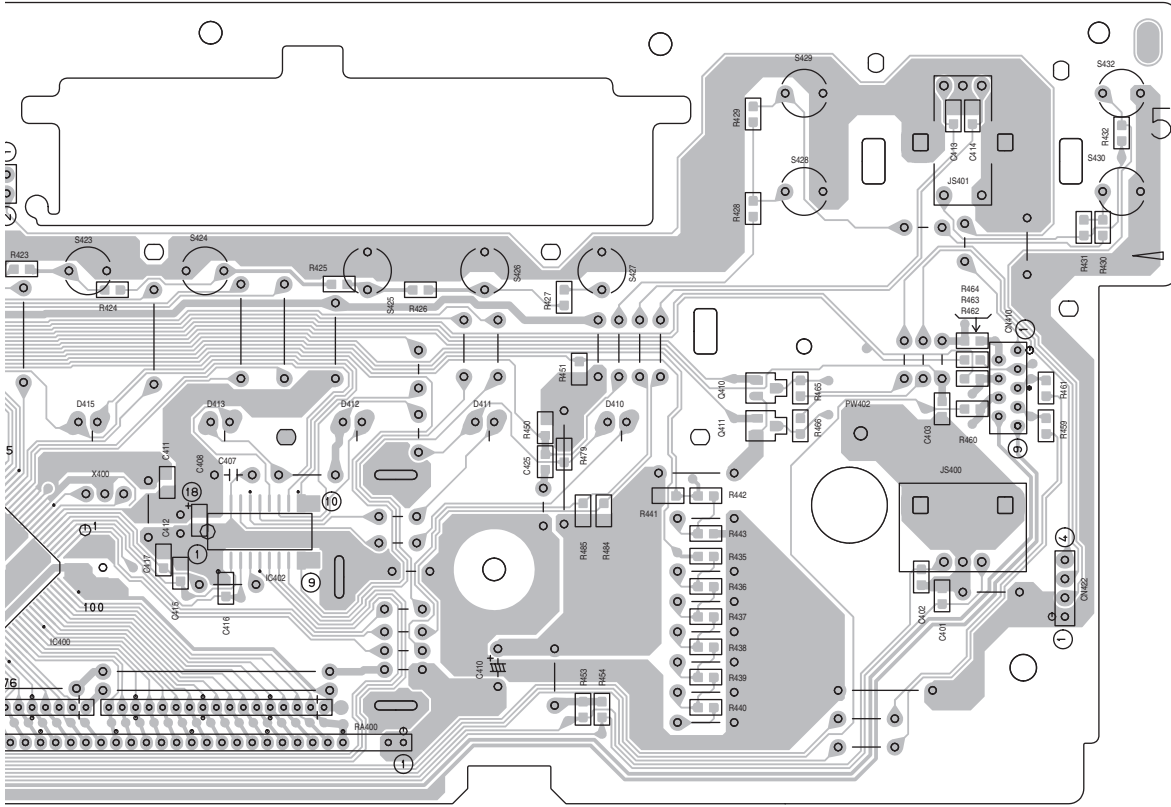


(Audio board)

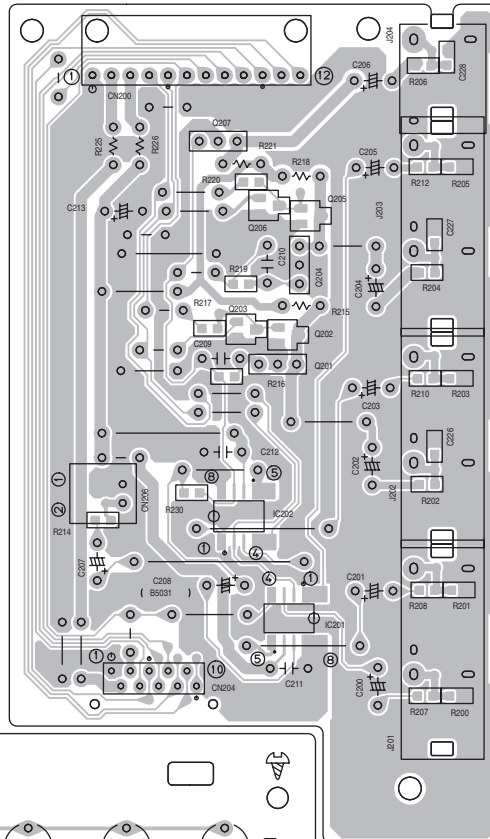


(Switch board)

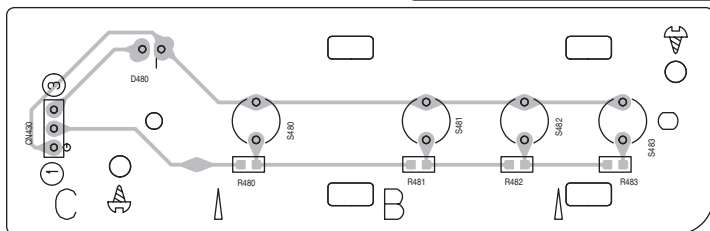




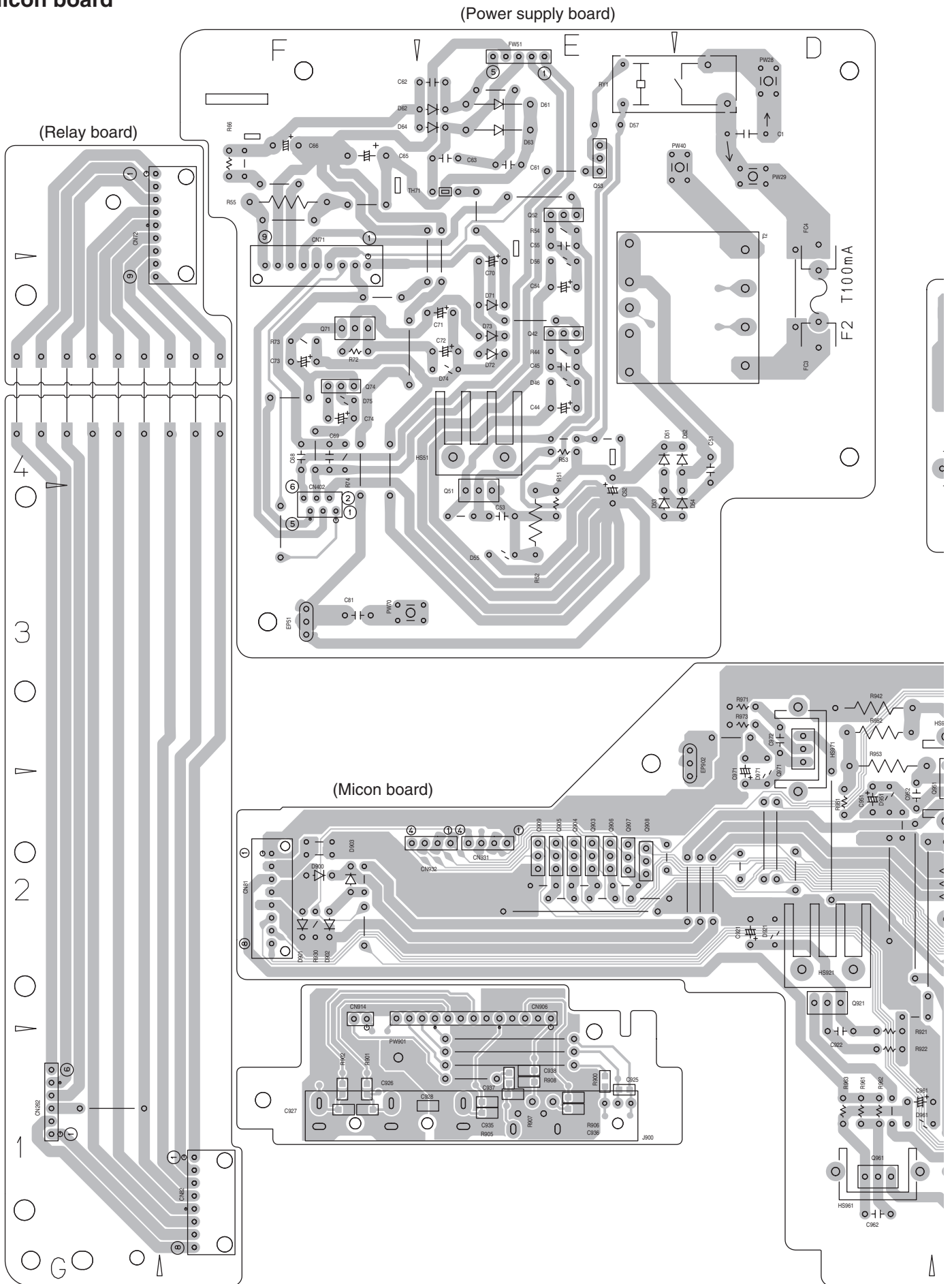
(Video board)



(Power switch board)

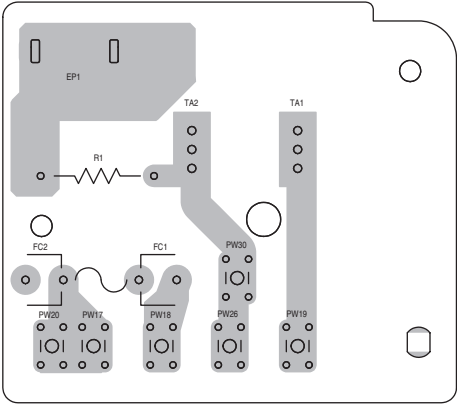
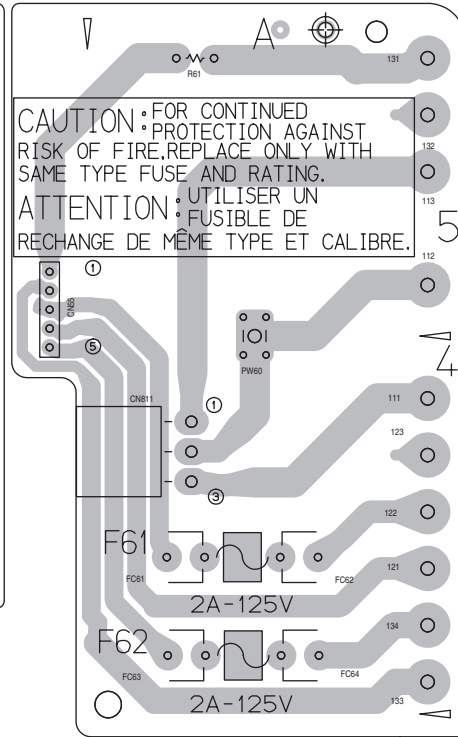
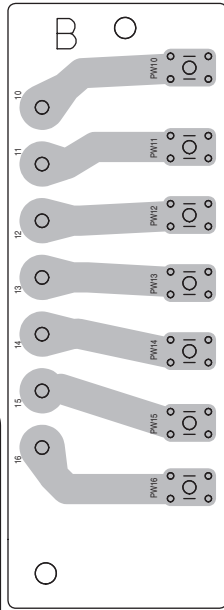


# Micon board

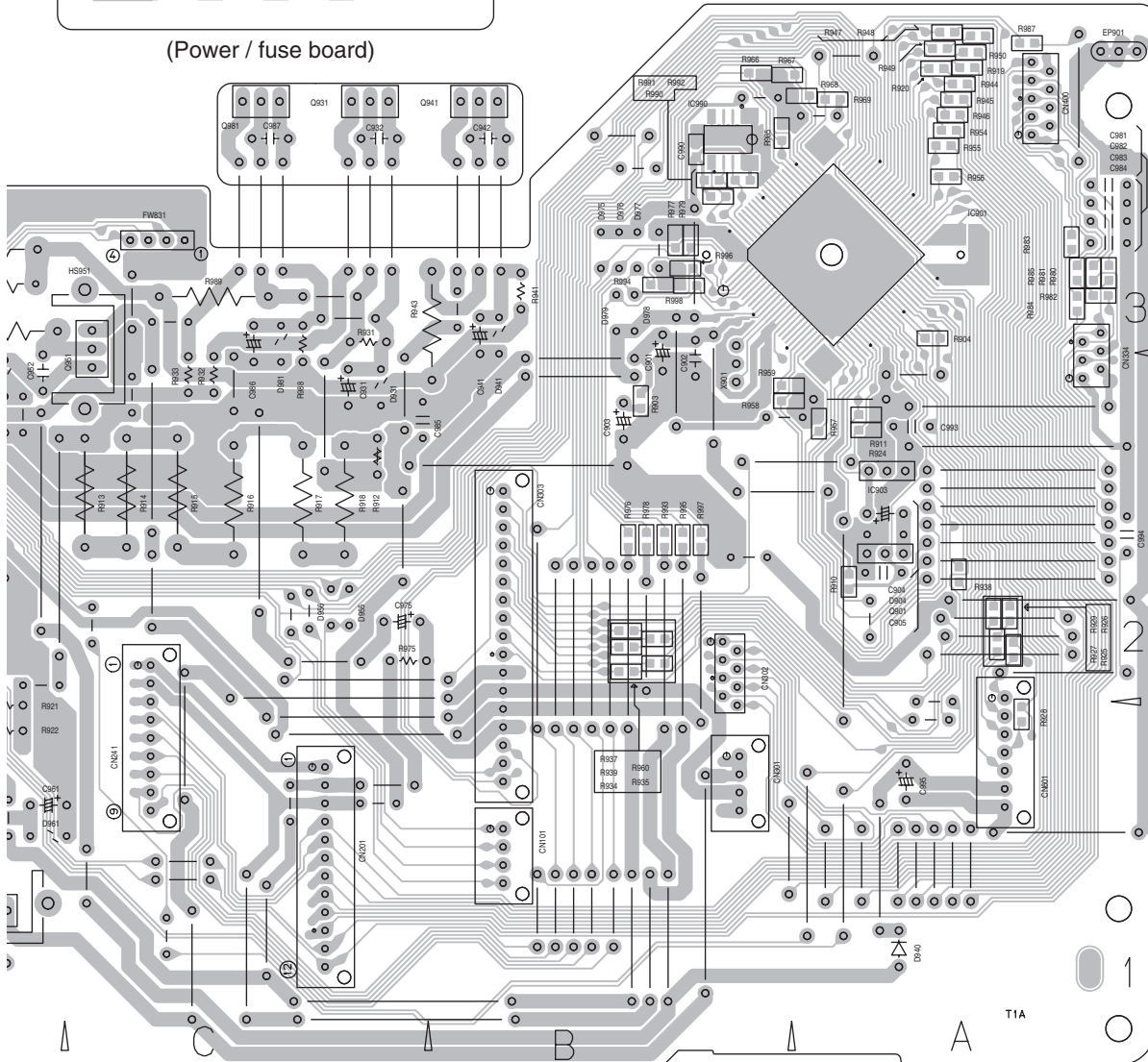


(Power trans 2 board)

(Power trans 1 board)



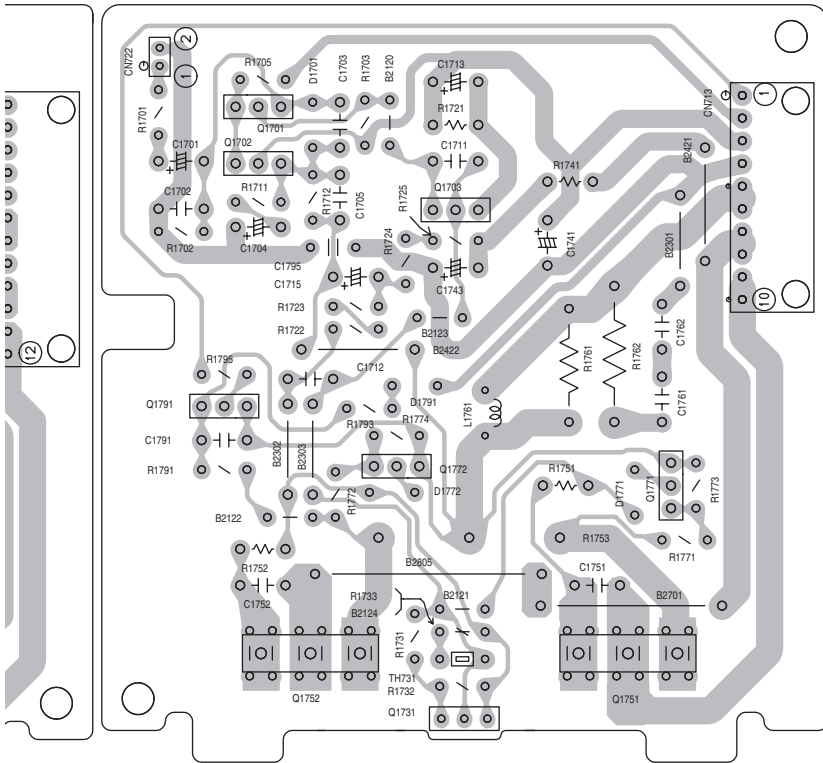
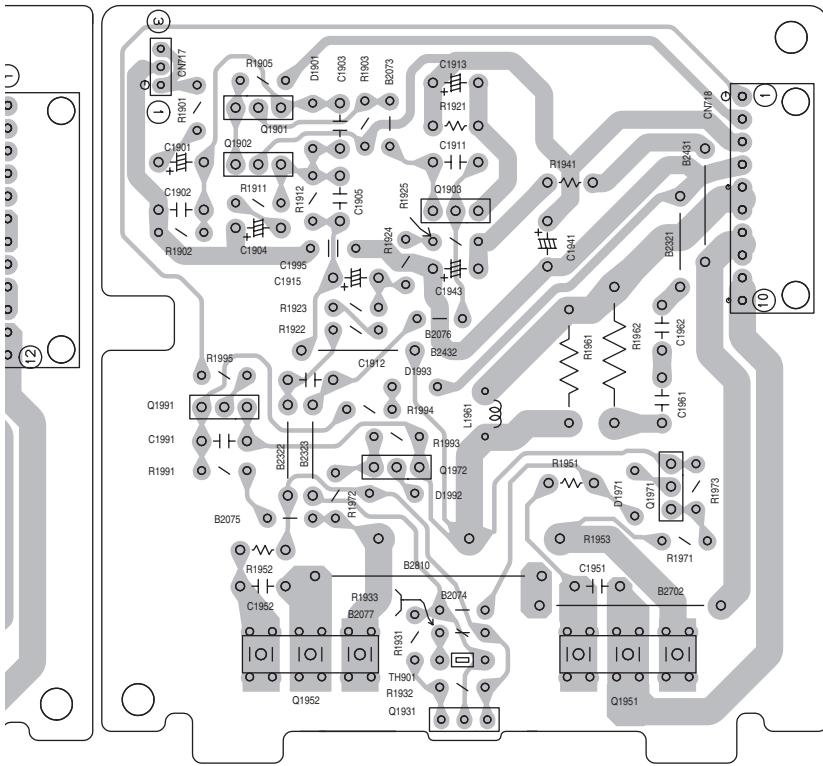
(Power / fuse board)







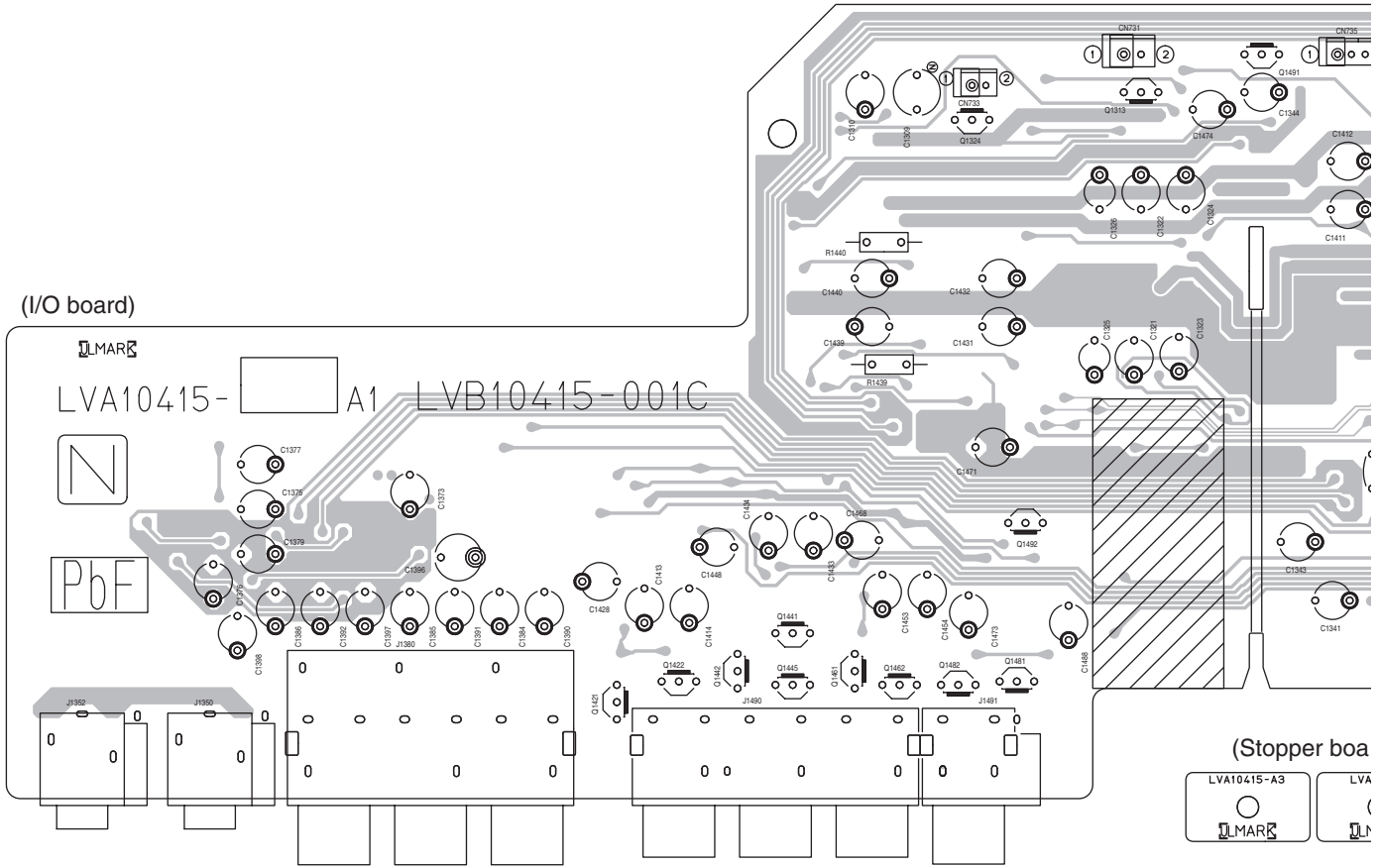
(Surround back board)



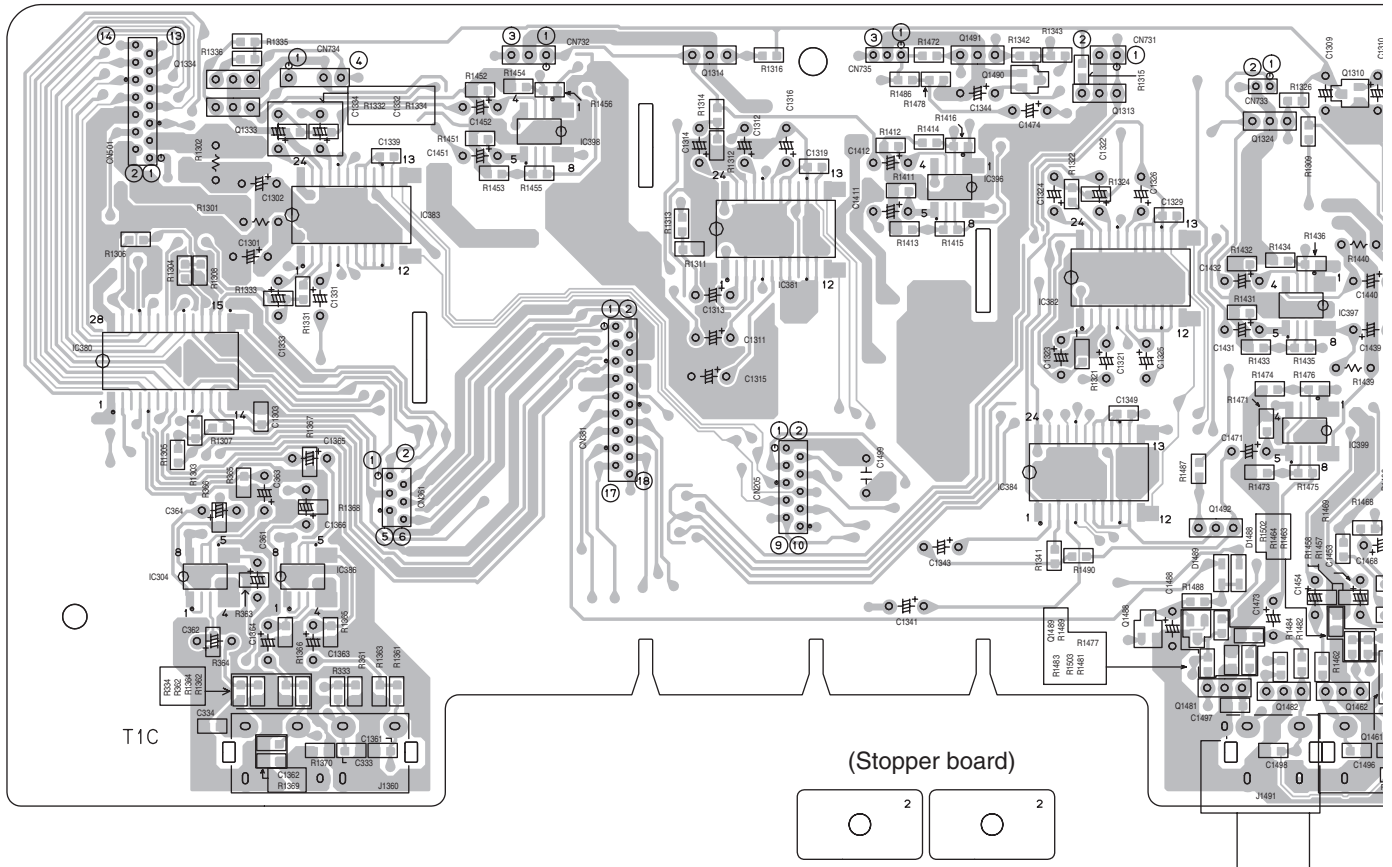
(Center board)

# Input board

Forward side



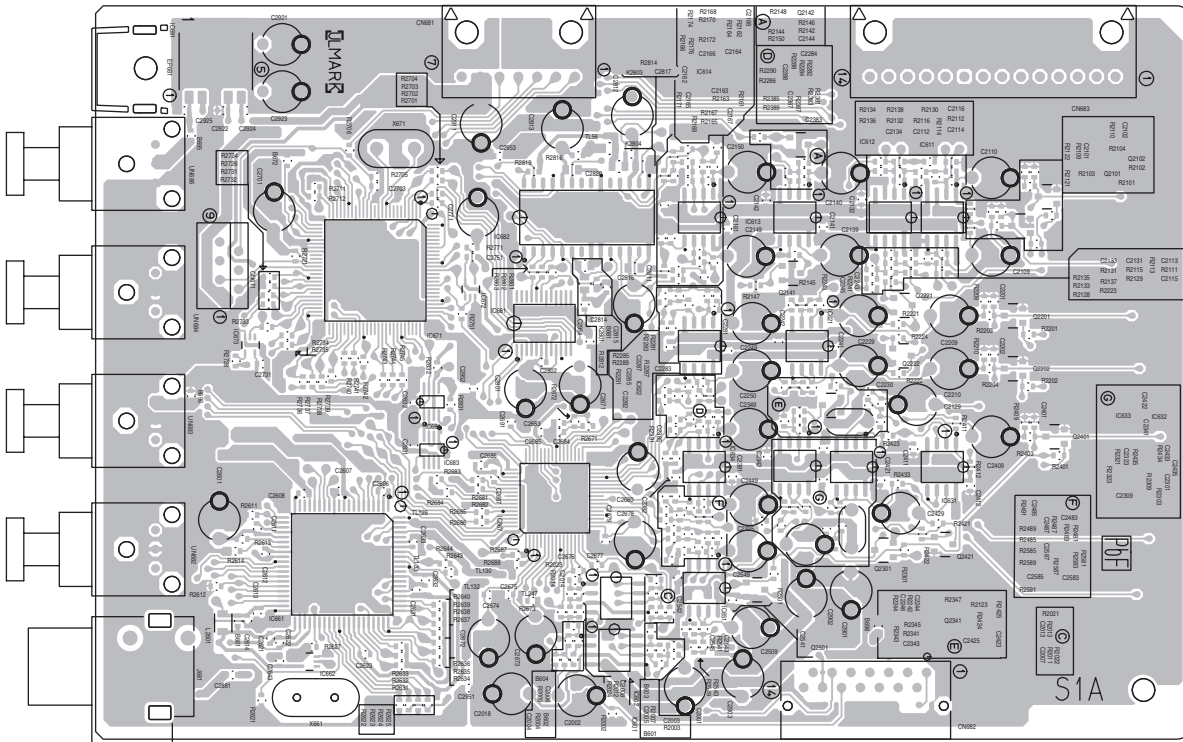
Reverse side



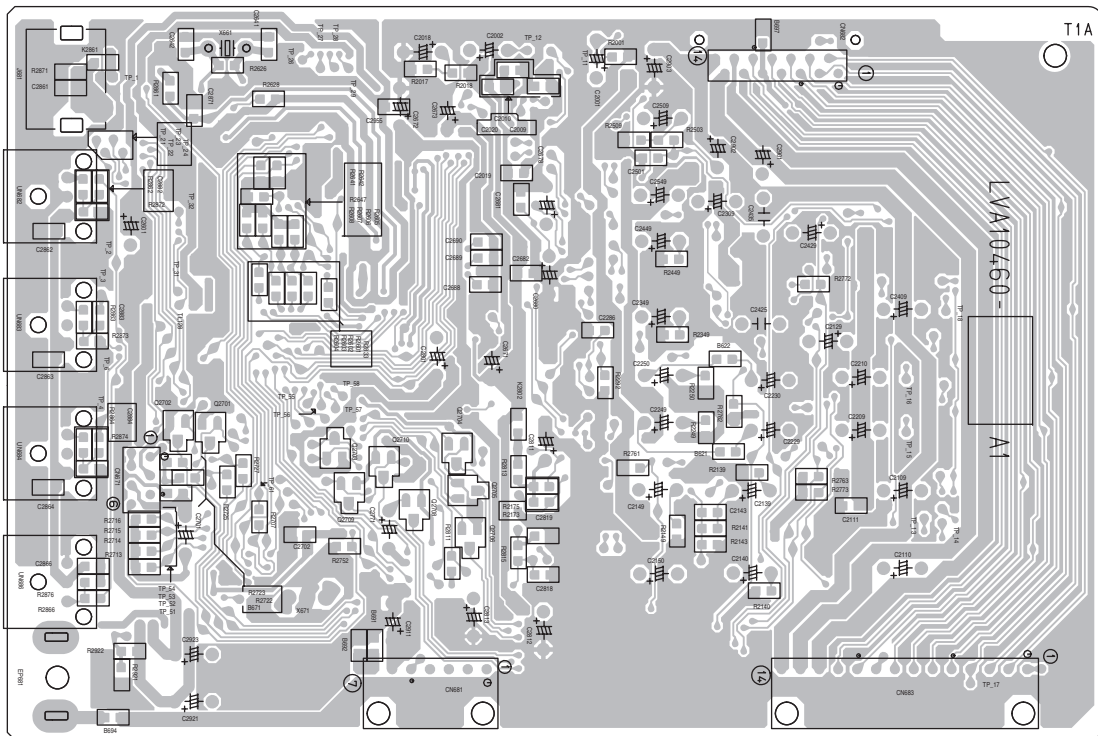


■ DSP board

Forward side



Reverse side



< MEMO >

**JVC**

**VICTOR COMPANY OF JAPAN, LIMITED**

AV & MULTIMEDIA COMPANY AUDIO/VIDEO SYSTEMS CATEGORY 10-1, 1chome, Ohwatari-machi, Maebashi-city, 371-8543, Japan

(No.MB172SCH)



Printed in Japan  
WPC

# PARTS LIST

[ RX-7042S ]

\* All printed circuit boards and its assemblies are not available as service parts.

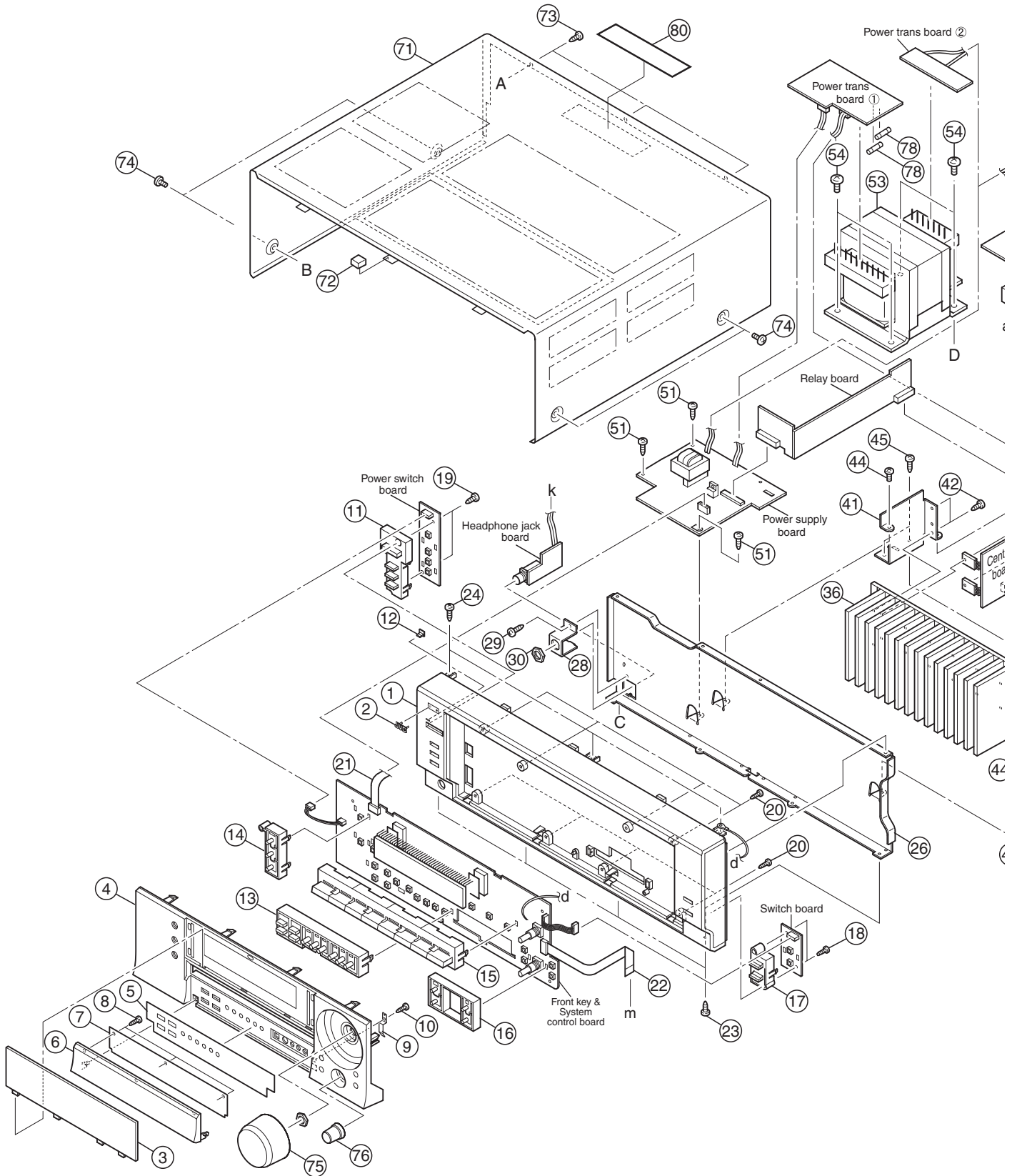
Area suffix	
J	U.S.A.
C	Canada

- Contents -

Exploded view of general assembly and parts list (Block No.M1)	3- 2
Electrical parts list (Block No.01~06)	3- 5
Packing materials and accessories parts list (Block No.M3)	3-16

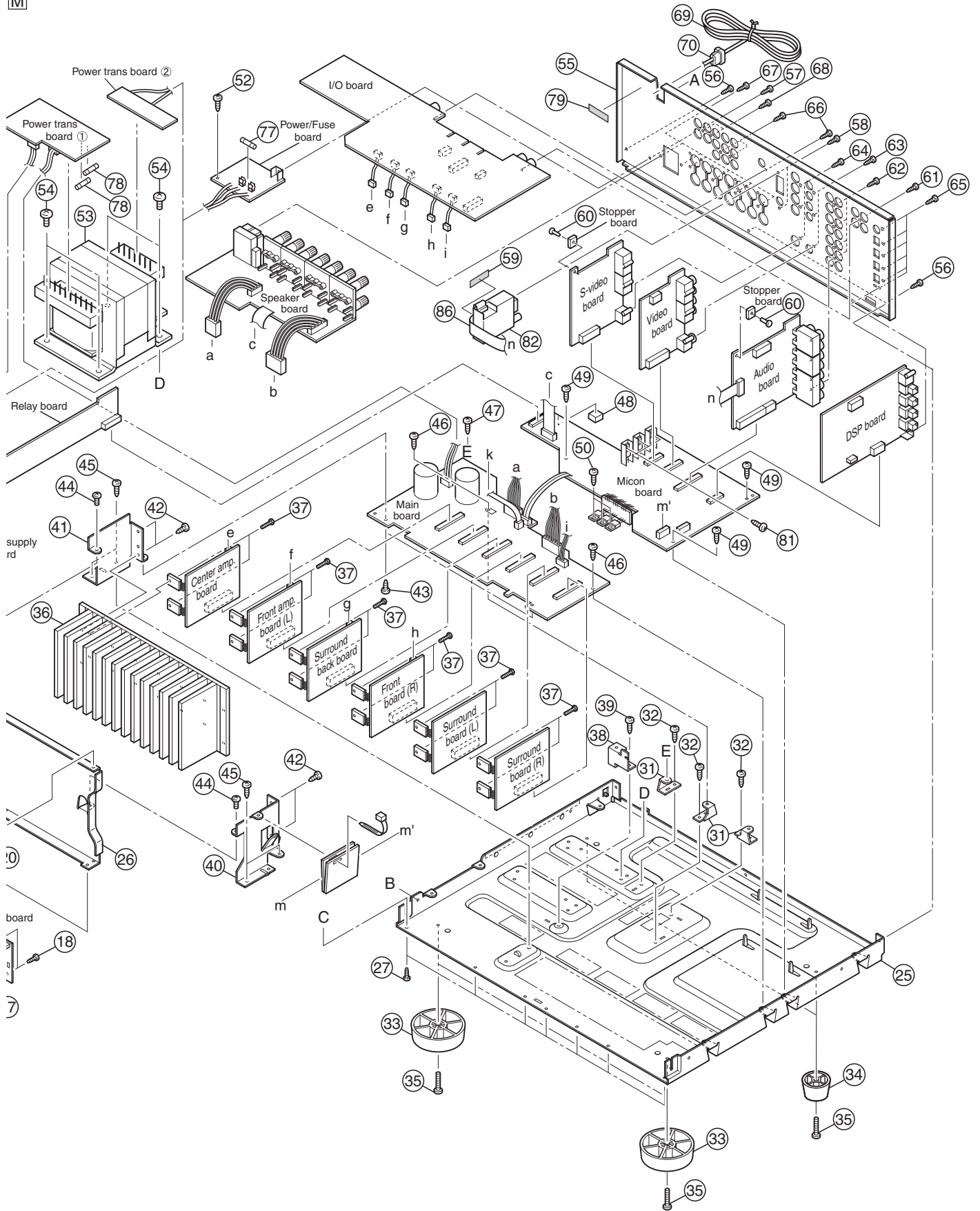
# Exploded view of general assembly and parts list

Block No. **M 1 M M**





M



# General assembly

## Block No. [M][1][M][M]

△ Symbol No.	Part No.	Part Name	Description	Local
1	LV10469-030A	FRONT PANEL		
2	LV43338-002A	JVC MARK		
3	LV21438-001A	LENS		
4	LV10767-004A	SUB PANEL		
5	LV34032-002A	CONTROL PLATE		
6	LV21437-006A	SEALING DOOR		
7	LV34086-002A	DOOR COVER		
8	QYSPSGU2030N	TAP SCREW	M2 x 3mm(x3)	
9	LV43357-001A	DOOR SPRING		
10	QYSBSF2608Z	TAPPING SCREW	2.6mm x 8mm	
11	LV20939-004A	PUSH BUTTON		
12	LV42096-001A	INDICATOR		
13	LV21442-002A	P.BUTTON(TUNER)		
14	LV21439-002A	P.BUTTON(DSP)		
15	LV21440-002A	P.BUTTON(SOURCE)		
16	LV21443-002A	P.BUTTON(ADJUST)		
17	LV32486-003A	P.BUTTON ASSY		
18	QYSBSF2610Z	SCREW	2.6mm x 10mm(x2)	
19	QYSBSF2610Z	SCREW	2.6mm x 10mm(x2)	
20	QYSBSF2610Z	SCREW	2.6mm x 10mm(x8)	
21	QUQ412-0617CJ	FFC WIRE		
22	QUQ412-0930DJ	FFC WIRE		
23	QYSDSG3006Z	SCREW	3mm x 6mm(x4)	
24	QYSBSG3006Z	TAPPING SCREW	3mm x 6mm(x3)	
25	LV10019-007A	CHASSIS BASE		
26	LV10471-002A	FRONT BRACKET		
27	QYSDSG3006Z	SCREW	3mm x 6mm(x7)	
28	LV42094-003A	H.P BKT		
29	QYSBSG3006Z	TAPPING SCREW	3mm x 6mm	
30	VKZ4150-001	SPECIAL NUT		
31	E68587-223SM	CB BKT	(x3)	
32	QYSBST3006Z	TAPPING SCREW	3mm x 6mm(x3)	
33	QZF6018-003	FOOT	60mm x 18mm(x2)	
34	E47227-036	FOOT	(x2)	
35	QYSBST3010Z	TAPPING SCREW	3mm x 10mm(x4)	
36	LV21444-001A	HEAT SINK		
37	QYSBSG3012E	SCREW	3mm x 12mm(x12)	
38	LV42098-001A	C.B BKT		
39	QYSBST3006Z	TAPPING SCREW	3mm x 6mm	
40	LV32433-001A	H.S BRACKET(R)		
41	LV32434-001A	H.S BRACKET(L)		
42	QYSBSG3008Z	TAPPING SCREW	3mm x 8mm(x4)	
43	QYSBST3006Z	TAPPING SCREW	3mm x 6mm(x2)	
44	QYSBSG3006Z	TAPPING SCREW	3mm x 6mm(x2)	
45	QYSBST3006Z	TAPPING SCREW	3mm x 6mm(x4)	
46	QYSBSG3006Z	TAPPING SCREW	3mm x 6mm(x2)	
47	E65923-003	TAPPING SCREW		
48	LV30225-0B2A	SPACER		
49	QYSBSG3006Z	TAPPING SCREW	3mm x 6mm(x3)	
50	QYSBSG3008M	TAPPING SCREW	3mm x 8mm(x3)	
51	QYSBSG3006Z	TAPPING SCREW	3mm x 6mm(x3)	
52	QYSBSG3006Z	TAPPING SCREW	3mm x 6mm	
△ 53	QQT0435-001	POWER TRANSF		
54	QYSDSTL4008Z	ASSY SCREW	4mm x 8mm(x4)	
55	LV10768-032A	REAR PANEL		
56	QYSBSGY3008M	SPECIAL SCREW	3mm x 8mm(x3)	
57	QYSBSGY3008M	SPECIAL SCREW	3mm x 8mm	
58	QYSBST3006M	TAPPING SCREW	3mm x 6mm(x2)	
59	LV30225-011A	SPACER		
60	FMYH4004-001	PLASTIC RIVET	(x2)	
61	QYSBSGY3008M	SPECIAL SCREW	3mm x 8mm	
62	QYSBSGY3008M	SPECIAL SCREW	3mm x 8mm(x4)	
63	QYSBSGY3008M	SPECIAL SCREW	3mm x 8mm(x3)	
64	QYSBSGY3008M	SPECIAL SCREW	3mm x 8mm(x3)	
65	QYSBSGY3008M	SPECIAL SCREW	3mm x 8mm(x6)	
66	QYSBSGY3008M	SPECIAL SCREW	3mm x 8mm(x3)	
67	QYSBSGY3008M	SPECIAL SCREW	3mm x 8mm(x6)	
68	QYSBSGY3008M	SPECIAL SCREW	3mm x 8mm(x2)	
△ 69	QMPD420-200-JV	POWER CORD(US/CA) 2m BLACK		
△ 70	QZW0033-001	STRAIN RELIEF		
71	LV20038-012A	TOP COVER		
72	LV30225-088A	SPACER		
73	QYSBSGY3008M	SPECIAL SCREW	3mm x 8mm(x3)	
74	E406308-004	SPECIAL SCREW	(x4)	

△ Symbol No.	Part No.	Part Name	Description	Local
75	LV43463-002A	VOL KNO ASSY		
76	LV43458-002A	JOG KNOB ASSY		
△ 77	QMF51U1-6R3-J8	FUSE	6.3A AC125V	
△ 78	QMF51U1-2R0-J8	FUSE	2A AC125V(x2)	
79	LV43517-001A	FUSE CAUTION		
80	E409396-003	CAUTION LABEL		7042SC
80	E409394-001	CAUTION LABEL		7042SJ
81	QYSBSG3008E	TAPPING SCREW	3mm x 8mm(x3)	
82	QAU0346-001	TUNER		
86	QUQ412-1118DJ	FFC WIRE		

# Electrical parts list

## Main board

Block No. [0][1][0][0]

△ Symbol No.	Part No.	Part Name	Description	Local
Q811	2SD2394/EF/	TRANSISTOR		
Q812	KTC3200/GL/-T	TRANSISTOR		
Q823	KTC3199/GL/-T	TRANSISTOR		
Q824	KTC3200/GL/-T	TRANSISTOR		
Q825	KTA1268/GL/-T	TRANSISTOR		
Q830	KRC109M-T	DIGI TRANSISTOR		
Q831	KRC109M-T	DIGI TRANSISTOR		
Q832	KRC109M-T	DIGI TRANSISTOR		
Q833	KRC109M-T	DIGI TRANSISTOR		
Q834	KRC109M-T	DIGI TRANSISTOR		
Q835	KRC109M-T	DIGI TRANSISTOR		
Q836	KRC109M-T	DIGI TRANSISTOR		
Q837	KRC109M-T	DIGI TRANSISTOR		
Q838	KRC109M-T	DIGI TRANSISTOR		
Q839	KRC109M-T	DIGI TRANSISTOR		
△ D801	30PRA20-FC	SI DIODE		
△ D802	30PRA20-FC	SI DIODE		
△ D803	30PRA20-FC	SI DIODE		
△ D804	30PRA20-FC	SI DIODE		
D811	MTZJ24C-T2	Z DIODE		
D816	MTZJ18C-T2	Z DIODE		
D825	1SS133-T2	DIODE		
D831	1SS133-T2	DIODE		
D832	1SS133-T2	DIODE		
D841	MTZJ5.1C-T2	Z DIODE		
D842	1SS133-T2	DIODE		
D843	1SS133-T2	DIODE		
D844	1SS133-T2	DIODE		
D845	1SS133-T2	DIODE		
D846	1SS133-T2	DIODE		
D847	1SS133-T2	DIODE		
D848	1SS133-T2	DIODE		
D851	1SS133-T2	DIODE		
D852	1SS133-T2	DIODE		
D853	1SS133-T2	DIODE		
D871	1SS133-T2	DIODE		
C454	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C801	QCE22HP-103	C CAPACITOR	0.01uF 500V P	
C802	QCE22HP-103	C CAPACITOR	0.01uF 500V P	
C805	QCE22HP-103	C CAPACITOR	0.01uF 500V P	
C807	QEZO679-688	E CAPACITOR	6800uF	
C808	QEZO679-688	E CAPACITOR	6800uF	
C811	QCF31HZ-472Z	C CAPACITOR	4700pF 50V Z	
C816	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
C823	QETN1CM-476Z	E CAPACITOR	47uF 16V M	
C824	QETN1EM-106Z	E CAPACITOR	10uF 25V M	
C850	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C851	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C852	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
C853	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
R91	QRL027J-471	OMF RESISTOR	470Ω 2W J	
R92	QRL027J-471	OMF RESISTOR	470Ω 2W J	
R801	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
R802	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
R811	QRJ146J-150X	UNF C RESISTOR	15Ω 1/4W J	
R812	QRK126J-332X	UNF C RESISTOR	3.3kΩ 1/2W J	
R813	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
R814	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R815	QRJ146J-120X	UNF C RESISTOR	12Ω 1/4W J	
R816	QRL027J-332	OMF RESISTOR	3.3kΩ 2W J	
R823	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R824	QRE141J-134Y	C RESISTOR	130kΩ 1/4W J	
R825	QRE141J-103Y	C RESISTOR	10kΩ 1/4W J	
R826	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
R831	QRZ9005-330X	FUSI RESISTOR	33Ω	
R832	QRZ9005-330X	FUSI RESISTOR	33Ω	
R841	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
R842	QRE141J-823Y	C RESISTOR	82kΩ 1/4W J	
R843	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	

△ Symbol No.	Part No.	Part Name	Description	Local
R844	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
R845	QRE141J-823Y	C RESISTOR	82kΩ 1/4W J	
R846	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
R851	QRZ9005-330X	FUSI RESISTOR	33Ω	
R852	QRZ9005-330X	FUSI RESISTOR	33Ω	
R854	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
R855	QRJ146J-392X	UNF C RESISTOR	3.9kΩ 1/4W J	
R856	QRE141J-223Y	C RESISTOR	22kΩ 1/4W J	
R857	QRE141J-682Y	C RESISTOR	6.8kΩ 1/4W J	
R858	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
R859	QRE141J-223Y	C RESISTOR	22kΩ 1/4W J	
R860	QRE141J-682Y	C RESISTOR	6.8kΩ 1/4W J	
R861	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
R862	QRE141J-223Y	C RESISTOR	22kΩ 1/4W J	
R863	QRE141J-682Y	C RESISTOR	6.8kΩ 1/4W J	
R864	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
R865	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
R866	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
R867	QRE141J-223Y	C RESISTOR	22kΩ 1/4W J	
R868	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
R869	QRE141J-682Y	C RESISTOR	6.8kΩ 1/4W J	
R870	QRE141J-472Y	C RESISTOR	4.7kΩ 1/4W J	
R871	QRZ9005-330X	FUSI RESISTOR	33Ω	
R886	QRZ9005-330X	FUSI RESISTOR	33Ω	
CN701	QGB2510J1-12	CONNECTOR	B-B (1-12)	
CN702	QGB2510J1-12	CONNECTOR	B-B (1-12)	
CN703	QGB2510J1-10	CONNECTOR	B-B (1-10)	
CN704	QGB2510J1-10	CONNECTOR	B-B (1-10)	
CN705	QGB2510J1-12	CONNECTOR	B-B (1-12)	
CN706	QGB2510J1-12	CONNECTOR	B-B (1-12)	
CN723	QGA2501C1-04	CONNECTOR	W-B (1-4)	
CN801	QJK012-032403	SKT WIRE ASSY		
CN813	QGA3901C1-06	CONNECTOR	W-B (1-6)	
CN814	QGA3901C1-07	CONNECTOR	W-B (1-7)	
CN823	QJK015-063001	C-B WIRE ASSY		
CN824	QJK015-073202	SKT WIRE ASSY		
CN831	QGD2501C1-04Z	CONNECTOR	(1-4)	
CN881	QGD2501C1-03Z	CONNECTOR	(1-3)	
EP91	E406523-001SM	GND BKT		
EP801	QNZ0136-001Z	EARTH PLATE		
FW881	QUM213-40DGZ4	PARA RIBON WIRE		
FW931	QUM218-08DGZ4	PARA RIBON WIRE		
J91	QNS0022-001	JACK		
RY831	QSK0109-001	RELAY		
RY832	QSK0109-001	RELAY		
RY851	QSK0109-001	RELAY		
RY852	QSK0109-001	RELAY		
RY853	QSK0109-001	RELAY		
RY871	QSK0109-001	RELAY		
ST833	QNB0082-002	SPK TERMINAL		
ST833	QNB0078-001	SPK TERMINAL		
ST853	QNB0105-002	SPK TERMINAL		

## Front board

Block No. [0][2][0][0]

△ Symbol No.	Part No.	Part Name	Description	Local
PW402	QUB131-18DMPP	CONNECTOR		
IC201	MM1117XF-XE	IC		
IC202	NJM2246M-X	IC		
IC241	MM1113XF-X	IC		
IC242	MM1114XF-X	IC		
IC243	MM1117XF-XE	IC		
IC244	NJM2246M-X	IC		
IC303	NJM4565M-WE	IC		
IC371	TC9163AF-X	IC		
IC400	MN101C35DMF	IC		
IC404	GP1UM281XK	IR DETECT UNIT	38kHz	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
Q201	KTA1267/YG-T	TRANSISTOR			C386	QETN1EM-226Z	E CAPACITOR	22uF 25V M	
Q202	KRC107S-X	DIGI TRANSISTOR			C389	NCB31HK-561X	C CAPACITOR	560pF 50V K	
Q203	KRC107S-X	DIGI TRANSISTOR			C399	QETN1CM-226Z	E CAPACITOR	22uF 16V M	
Q204	KTA1267/YG-T	TRANSISTOR		7042SJ	C400	QEK1HM-475Z	E CAPACITOR	4.7uF 50V M	
Q205	KRC107S-X	DIGI TRANSISTOR		7042SJ	C401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q206	KRC107S-X	DIGI TRANSISTOR		7042SJ	C402	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q207	KTA1267/YG-T	TRANSISTOR			C403	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q241	KTA1267/YG-T	TRANSISTOR			C404	NCB31EK-223X	C CAPACITOR	0.022uF 25V K	
Q242	KRC107S-X	DIGI TRANSISTOR			C406	NCB31HK-331X	C CAPACITOR	330pF 50V K	
Q243	KRC107S-X	DIGI TRANSISTOR			C407	QCZ0202-155Z	C CAPACITOR	1.5uF 25V Z	
Q244	KTA1267/YG-T	TRANSISTOR		7042SJ	C409	QEK1HM-475Z	E CAPACITOR	4.7uF 50V M	
Q245	KRC107S-X	DIGI TRANSISTOR		7042SJ	C410	QEK1HM-475Z	E CAPACITOR	4.7uF 50V M	
Q246	KRC107S-X	DIGI TRANSISTOR		7042SJ	C411	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
Q247	KTA1267/YG-T	TRANSISTOR			C412	QEKJ0JM-107Z	E CAPACITOR	100uF 6.3V M	
Q248	KTA1267/YG-T	TRANSISTOR			C413	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q249	KRC107S-X	DIGI TRANSISTOR			C414	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q250	KRC107S-X	DIGI TRANSISTOR			C420	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q251	KTA1267/YG-T	TRANSISTOR		7042SJ	C421	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q252	KRC107S-X	DIGI TRANSISTOR		7042SJ	C422	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q253	KRC107S-X	DIGI TRANSISTOR		7042SJ	C423	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q254	KTA1267/YG-T	TRANSISTOR			C424	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q301	2SC3576-JVC-T	TRANSISTOR			C425	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q302	2SC3576-JVC-T	TRANSISTOR			C427	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
Q303	KRA104S-X	DIGI TRANSISTOR			R200	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
Q402	UN2215-X	TRANSISTOR			R201	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
Q403	KRC109S-X	TRANSISTOR			R202	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
Q404	KRC107S-X	DIGI TRANSISTOR			R203	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
Q407	KRC107S-X	DIGI TRANSISTOR			R206	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
Q408	KRC107S-X	DIGI TRANSISTOR			R207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
Q410	UN2114-X	TRANSISTOR			R208	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
Q411	UN2114-X	TRANSISTOR			R210	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
Q413	UN2114-X	TRANSISTOR			R215	QRE123J-391X	C RESISTOR	390Ω 1/2W J	
D405	1SS355-X	SI DIODE			R216	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
D480	SLR-343VC/NPQ-T	LED			R217	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
D490	SLR-343VC/NPQ-T	LED			R218	QRE123J-391X	C RESISTOR	390Ω 1/2W J	7042SJ
D491	SLR-343VC/NPQ-T	LED			R219	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	7042SJ
C200	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R220	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	7042SJ
C201	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R221	QRE123J-391X	C RESISTOR	390Ω 1/2W J	
C202	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M		R225	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
C203	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R226	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
C206	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M		R230	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	7042SJ
C208	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R240	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C211	QCF31HZ-103Z	C CAPACITOR	0.01uF 50V Z		R241	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C212	QCF31HZ-103Z	C CAPACITOR	0.01uF 50V Z		R242	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C213	QETN1CM-476Z	E CAPACITOR	47uF 16V M		R243	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C226	NDC31HJ-470X	C CAPACITOR	47pF 50V J		R244	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C228	NDC31HJ-470X	C CAPACITOR	47pF 50V J		R245	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C240	QCF31HZ-103Z	C CAPACITOR	0.01uF 50V Z		R246	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C241	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R247	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C242	QCF31HZ-103Z	C CAPACITOR	0.01uF 50V Z		R252	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C243	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R253	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
C244	QCF31HZ-103Z	C CAPACITOR	0.01uF 50V Z		R261	QRE123J-391X	C RESISTOR	390Ω 1/2W J	
C245	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M		R262	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
C246	QCF31HZ-103Z	C CAPACITOR	0.01uF 50V Z		R263	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C247	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R264	QRE123J-391X	C RESISTOR	390Ω 1/2W J	7042SJ
C252	QCF31HZ-103Z	C CAPACITOR	0.01uF 50V Z		R265	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	7042SJ
C253	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M		R266	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	7042SJ
C256	QCF31HZ-103Z	C CAPACITOR	0.01uF 50V Z		R267	QRE123J-391X	C RESISTOR	390Ω 1/2W J	
C257	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R268	QRE123J-391X	C RESISTOR	390Ω 1/2W J	
C268	NDC31HJ-470X	C CAPACITOR	47pF 50V J		R269	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
C269	NDC31HJ-470X	C CAPACITOR	47pF 50V J		R270	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C272	NDC31HJ-470X	C CAPACITOR	47pF 50V J		R271	QRE123J-391X	C RESISTOR	390Ω 1/2W J	7042SJ
C273	NDC31HJ-470X	C CAPACITOR	47pF 50V J		R272	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	7042SJ
C282	QCF31HZ-103Z	C CAPACITOR	0.01uF 50V Z		R273	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	7042SJ
C283	QCF31HZ-103Z	C CAPACITOR	0.01uF 50V Z		R274	QRE123J-391X	C RESISTOR	390Ω 1/2W J	
C284	QETN1CM-476Z	E CAPACITOR	47uF 16V M		R275	QRJ146J-2R2X	UNF C RESISTOR	2.2Ω 1/4W J	
C287	QCF31HZ-103Z	C CAPACITOR	0.01uF 50V Z		R276	QRJ146J-181X	UNF C RESISTOR	180Ω 1/4W J	
C288	QCF31HZ-103Z	C CAPACITOR	0.01uF 50V Z		R277	QRJ146J-181X	UNF C RESISTOR	180Ω 1/4W J	7042SJ
C289	QETN1CM-476Z	E CAPACITOR	47uF 16V M		R280	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	7042SJ
C341	QETN1CM-106Z	E CAPACITOR	10uF 16V M		R317	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
C342	QETN1CM-106Z	E CAPACITOR	10uF 16V M		R318	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
C343	QETN1CM-106Z	E CAPACITOR	10uF 16V M		R341	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C344	QETN1CM-106Z	E CAPACITOR	10uF 16V M		R342	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C351	QFLC1HJ-562Z	M CAPACITOR	5600pF 50V J		R343	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C352	QFLC1HJ-562Z	M CAPACITOR	5600pF 50V J		R344	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C385	QETN1EM-226Z	E CAPACITOR	22uF 25V M		R345	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
					R346	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R351	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J		R480	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R352	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J		R481	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R371	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R482	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R372	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R483	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J	
R373	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R484	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R374	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R485	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R375	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J						
R376	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		BK400	LV42092-001A	FL HOLDER(R)		
R377	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		BK401	LV42093-001A	FL HOLDER(L)		
R378	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		CN200	QGB2510K1-12	CONNECTOR	B-B (1-12)	
R379	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		CN204	QGB1214K1-10S	CONNECTOR	B-B (1-10)	
R380	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		CN240	QGB2510K1-09	CONNECTOR	B-B (1-9)	
R381	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		CN313	QGB2510K1-17	CONNECTOR	B-B (1-17)	
R382	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		CN314	QGF1205F1-11	CONNECTOR	FFC/FPC (1-11)	
R385	QRZ9005-680X	F RESISTOR	68Ω		CN315	QGB2510K1-04	CONNECTOR	B-B (1-4)	
R386	QRZ9005-680X	F RESISTOR	68Ω		CN371	QGB1214K1-18S	CONNECTOR	B-B (1-18)	
R392	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		CN410	QGF1205F1-09	CONNECTOR	FFC/FPC (1-9)	
R394	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		CN412	QGF1205F1-06	CONNECTOR	FFC/FPC (1-6)	
R395	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		CN420	QJK031-031301	C-B WIRE ASSY		
R396	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		CN422	QJK031-041201	SIN ID C-B WIRE		
R397	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		CN430	QGA2501C1-03	CONNECTOR	W-B (1-3)	
R398	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		CN432	QGA2501C1-04	CONNECTOR	W-B (1-4)	
R400	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		DI400	QLF0137-001	FL TUBE		
R401	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		FL351	QQR1372-001	LPF		
R402	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		FL352	QQR1372-001	LPF		
R403	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		FS400	LV30225-0S7A	SPACER		
R404	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		FS401	LV30225-0S7A	SPACER		
R405	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		J201	QNN0011-001	PIN JACK		
R406	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		J202	QNN0011-001	PIN JACK		
R407	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		J204	QNN0017-002	PIN JACK		
R408	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J		J241	QND0108-001	S-CONNECTOR		
R409	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		J242	QND0098-001	DIN CONNECTOR		
R410	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		J244	QND0107-001	S JACK		
R411	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		J371	QNN0018-002	PIN JACK		
R412	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		J372	QNN0018-002	PIN JACK		
R413	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		J373	QNN0546-001	PIN JACK		
R414	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J		JS400	QSW1017-001	JOG VOLUME		
R415	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		JS401	QSW1015-001	ROTARY ENCODER		
R416	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		S400	QSW0683-001Z	PUSH SW		
R417	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		S401	QSW0683-001Z	PUSH SW		
R418	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		S402	QSW0683-001Z	PUSH SW		
R422	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		S403	QSW0683-001Z	PUSH SW		
R423	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		S404	QSW0683-001Z	PUSH SW		
R424	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		S405	QSW0683-001Z	PUSH SW		
R425	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		S406	QSW0683-001Z	PUSH SW		
R426	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		S407	QSW0683-001Z	PUSH SW		
R427	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J		S408	QSW0683-001Z	PUSH SW		
R428	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		S409	QSW0683-001Z	PUSH SW		
R429	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		S411	QSW0683-001Z	PUSH SW		
R430	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		S412	QSW0683-001Z	PUSH SW		
R431	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		S414	QSW0683-001Z	PUSH SW		
R432	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		S415	QSW0683-001Z	PUSH SW		
R433	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J		S416	QSW0683-001Z	PUSH SW		
R434	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J		S417	QSW0683-001Z	PUSH SW		
R435	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		S418	QSW0683-001Z	PUSH SW		
R441	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		S422	QSW0683-001Z	PUSH SW		
R442	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		S424	QSW0683-001Z	PUSH SW		
R445	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		S425	QSW0683-001Z	PUSH SW		
R446	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		S427	QSW0683-001Z	PUSH SW		
R447	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		S428	QSW0683-001Z	PUSH SW		
R448	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		S429	QSW0683-001Z	PUSH SW		
R449	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		S430	QSW0683-001Z	PUSH SW		
R450	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		S432	QSW0683-001Z	PUSH SW		
R451	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		S433	QSW0683-001Z	PUSH SW		
R453	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		S434	QSW0683-001Z	PUSH SW		
R454	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		S480	QSW0683-001Z	PUSH SW		
R455	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		S481	QSW0683-001Z	PUSH SW		
R456	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		S482	QSW0683-001Z	PUSH SW		
R457	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		S483	QSW0683-001Z	PUSH SW		
R459	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		X400	QAX0246-001Z	C RESONATOR	8.00MHz	
R460	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R461	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R462	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R463	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R464	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R465	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J						
R466	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J						
R468	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						

## Micon board

Block No. [0][3][0][0]

Symbol No.	Part No.	Part Name	Description	Local	Symbol No.	Part No.	Part Name	Description	Local
PW12	QUB111-16PPPP	WIRE			C72	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
PW16	QUB116-16PPPP	PIN WIRE			C73	QETN1HM-226Z	E CAPACITOR	22uF 50V M	
PW18	QUB112-28PPPP	SIN TWIST WIRE			C74	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
PW19	QUB111-28PPPP	SIN TWIST WIRE			C901	QETN0JM-107Z	E CAPACITOR	100uF 6.3V M	
PW30	QUB116-28PPPP	SIN TWIST WIRE			C902	QCZ0202-155Z	C CAPACITOR	1.5uF 25V Z	
IC901	MN101C49GMX	IC			C903	QETN0JM-228Z	E CAPACITOR	2200uF 6.3V M	
IC903	IC-PST9139-T	IC			C904	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
IC990	BR24L01AF-W-X	IC			C905	QDVB1EZ-223Y	C CAPACITOR	0.022uF 25V Z	
Q52	KTD863/Y/-T	TRANSISTOR			C921	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
Q53	KRC105M-T	DIGI TRANSISTOR			C922	QCF31HZ-472Z	C CAPACITOR	4700pF 50V Z	
Q71	KTA1046/Y/	TRANSISTOR			C931	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
Q74	KTC3200/GL/-T	TRANSISTOR			C932	QCF31HZ-472Z	C CAPACITOR	4700pF 50V Z	
Q901	KRC107M-T	DIGI TRANSISTOR			C941	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
Q903	KRC105M-T	DIGI TRANSISTOR			C942	QCF31HZ-472Z	C CAPACITOR	4700pF 50V Z	
Q904	KRC105M-T	DIGI TRANSISTOR			C961	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
Q905	KRC105M-T	DIGI TRANSISTOR			C962	QCF31HZ-472Z	C CAPACITOR	4700pF 50V Z	
Q906	KRC105M-T	DIGI TRANSISTOR			C971	QETN1EM-337Z	E CAPACITOR	330uF 25V M	
Q907	KRC105M-T	DIGI TRANSISTOR			C972	QCF31HZ-472Z	C CAPACITOR	4700pF 50V Z	
Q908	KRC105M-T	DIGI TRANSISTOR			C975	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
Q921	2SD2394/EF/	TRANSISTOR			C981	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	
△ Q931	2SD2394/EF/	TRANSISTOR			C982	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	
△ Q941	2SD2394/EF/	TRANSISTOR			C983	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	
Q961	KTA1046/Y/	TRANSISTOR			C984	QCBB1HK-331Y	C CAPACITOR	330pF 50V K	
Q971	2SD2394/EF/	TRANSISTOR			C985	QCBB1HK-103Y	C CAPACITOR	0.01uF 50V K	
△ Q981	2SD2394/EF/	TRANSISTOR			C986	QETN1EM-107Z	E CAPACITOR	100uF 25V M	
△ D51	11ES2-T4	DIODE			C987	QCF31HZ-472Z	C CAPACITOR	4700pF 50V Z	
△ D52	11ES2-T4	DIODE			C990	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
△ D53	11ES2-T4	DIODE			C993	QCBB1HK-101Y	C CAPACITOR	100pF 50V K	
△ D54	11ES2-T4	DIODE			C994	QCBB1HK-271Y	C CAPACITOR	270pF 50V K	
D56	MTZJ6.2B-T2	Z DIODE			C995	QETN1AM-227Z	E CAPACITOR	220uF 10V M	
D57	1SS133-T2	DIODE			△ R1	QRZ9037-335	COMP RESISTOR	3.3MΩ 1/2W K	
△ D61	10DDA20-FD	DIODE			△ R53	QRJ146J-6R8X	UNF C RESISTOR	6.8Ω 1/4W J	
△ D62	11ES2-T4	DIODE			R54	QRE141J-821Y	C RESISTOR	820Ω 1/4W J	
△ D63	10DDA20-FD	DIODE			R61	QRJ146J-3R3X	UNF C RESISTOR	3.3Ω 1/4W J	
△ D64	11ES2-T4	DIODE			R72	QRJ146J-332X	UNF C RESISTOR	3.3kΩ 1/4W J	
D71	11ES2-T4	DIODE			R73	QRE141J-223Y	C RESISTOR	22kΩ 1/4W J	
D72	11ES2-T4	DIODE			R74	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
D73	11ES2-T4	DIODE			R903	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
D74	MTZJ36C-T2	Z DIODE			R904	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
D75	MTZJ8.2C-T2	Z DIODE			R910	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
D900	11ES2-T4	DIODE			R911	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
D901	11ES2-T4	DIODE			R916	QRL027J-100	OMF RESISTOR	10Ω 2W J	
D902	11ES2-T4	DIODE			R917	QRL027J-100	OMF RESISTOR	10Ω 2W J	
D904	1SS133-T2	DIODE			R918	QRL027J-100	OMF RESISTOR	10Ω 2W J	
D921	MTZJ5.6C-T2	Z DIODE			R921	QRJ146J-272X	UNF C RESISTOR	2.7kΩ 1/4W J	
D931	MTZJ6.8A-T2	Z DIODE			R922	QRK126J-120X	UNF C RESISTOR	12Ω 1/2W J	
D940	11ES2-T4	DIODE			R924	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
D941	MTZJ13C-T2	Z DIODE			R925	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
D955	1SS133-T2	DIODE			R926	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
D956	1SS133-T2	DIODE			R927	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
D961	MTZJ13C-T2	Z DIODE			R928	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
D971	MTZJ10C-T2	Z DIODE			R929	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
D975	1SS133-T2	DIODE			R931	QRJ146J-272X	UNF C RESISTOR	2.7kΩ 1/4W J	
D976	1SS133-T2	DIODE			R932	QRJ146J-1R0X	UNF C RESISTOR	1Ω 1/4W J	
D977	1SS133-T2	DIODE			R937	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
D978	1SS133-T2	DIODE			R938	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
D979	1SS133-T2	DIODE			R939	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
D981	MTZJ13C-T2	Z DIODE			R941	QRJ146J-222X	UNF C RESISTOR	2.2kΩ 1/4W J	
△ C1	QCZ9104-472	C CAPACITOR	4700pF		R942	QRT027J-3R9	MF RESISTOR	3.9Ω 2W J	
C51	QFLC2AJ-472Z	M CAPACITOR	4700pF 100V J		R943	QRT027J-3R9	MF RESISTOR	3.9Ω 2W J	
C52	QETM1EM-108	E CAPACITOR	1000uF 25V M		R944	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C54	QETN1CM-477Z	E CAPACITOR	470uF 16V M		R945	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C55	QCF31HZ-472Z	C CAPACITOR	4700pF 50V Z		R946	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C61	QFN32AJ-104Z	M CAPACITOR	0.1uF 100V J		R954	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C62	QFN32AJ-104Z	M CAPACITOR	0.1uF 100V J		R955	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C63	QFN32AJ-104Z	M CAPACITOR	0.1uF 100V J		R956	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C65	QETM1VM-338	E CAPACITOR	3300uF 35V M		R957	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C66	QETM1VM-108	E CAPACITOR	1000uF 35V M		R958	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C68	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J		R959	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C69	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J		R960	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C70	QETN1HM-227Z	E CAPACITOR	220uF 50V M		R961	QRZ9005-220X	FUSI RESISTOR	22Ω	
C71	QETN1JM-107Z	E CAPACITOR	100uF 63V M		R962	QRZ9005-220X	FUSI RESISTOR	22Ω	
					R963	QRJ146J-222X	UNF C RESISTOR	2.2kΩ 1/4W J	
					R965	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
					R966	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
					R967	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
					R968	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R969	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		Q704	2SC2240-BL/AB/T	TRANSISTOR		
R971	QRJ146J-120X	UNF C RESISTOR	12Ω 1/4W J		Q705	KTA1268/GL-T	TRANSISTOR		
R973	QRJ146J-332X	UNF C RESISTOR	3.3kΩ 1/4W J		Q706	KTA1268/GL-T	TRANSISTOR		
R975	QRJ146J-220X	UNF C RESISTOR	22Ω 1/4W J		Q707	KTA1268/GL-T	TRANSISTOR		
R976	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		Q708	KTA1268/GL-T	TRANSISTOR		
R977	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		Q709	KTA1268/GL-T	TRANSISTOR		
R978	NRSA63J-133X	MG RESISTOR	13kΩ 1/16W J		Q710	KTA1268/GL-T	TRANSISTOR		
R979	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		Q711	KTC3200/GL-T	TRANSISTOR		
R980	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		Q712	KTC3200/GL-T	TRANSISTOR		
R981	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		△ Q761	2SD2390/PY/-F6	TRANSISTOR		
R982	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		△ Q762	2SD2390/PY/-F6	TRANSISTOR		
R983	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		△ Q763	2SB1560/PY/-F6	TRANSISTOR		
R984	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		△ Q764	2SB1560/PY/-F6	TRANSISTOR		
R985	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		Q771	KTC3200/GL-T	TRANSISTOR		
R987	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		Q772	KTC3200/GL-T	TRANSISTOR		
R988	QRJ146J-222X	UNF C RESISTOR	2.2kΩ 1/4W J		Q773	KTA1268/GL-T	TRANSISTOR		
R989	QRL027J-160	OMF RESISTOR	16Ω 2W J		Q774	KTA1268/GL-T	TRANSISTOR		
R990	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		Q781	2SD637/QR/	TRANSISTOR		
R991	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		Q782	2SD637/QR/	TRANSISTOR		
R992	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		Q791	KTA1268/GL-T	TRANSISTOR		
R993	NRSA63J-622X	MG RESISTOR	6.2kΩ 1/16W J		Q792	KTA1268/GL-T	TRANSISTOR		
R994	NRSA63J-512X	MG RESISTOR	5.1kΩ 1/16W J		Q1701	2SC2240-BL/AB/T	TRANSISTOR		
R995	NRSA63J-133X	MG RESISTOR	13kΩ 1/16W J		Q1702	2SC2240-BL/AB/T	TRANSISTOR		
R996	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		Q1703	KTA1268/GL-T	TRANSISTOR		
R997	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J		Q1731	2SD637/QR/	TRANSISTOR		
R998	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		△ Q1751	2SD2390/PY/-F6	TRANSISTOR		
△ T2	QQT0434-001	POWER TRANSF			△ Q1752	2SB1560/PY/-F6	TRANSISTOR		
CN55	QGD2501C1-05Z	CONNECTOR	(1-5)		Q1771	KTC3200/GL-T	TRANSISTOR		
CN71	QGB2510J1-09	CONNECTOR	B-B (1-9)		Q1772	KTA1268/GL-T	TRANSISTOR		
CN72	QGB2510K1-09	CONNECTOR	B-B (1-9)		Q1791	KTA1268/GL-T	TRANSISTOR		
CN81	QGB2510J1-08	CONNECTOR	B-B (1-8)		Q1801	2SC2240-BL/AB/T	TRANSISTOR		
CN82	QGB2510K1-08	CONNECTOR	B-B (1-8)		Q1802	2SC2240-BL/AB/T	TRANSISTOR		
CN101	QGB2510J1-04	CONNECTOR	B-B (1-4)		Q1803	2SC2240-BL/AB/T	TRANSISTOR		
CN201	QGB2510J1-12	CONNECTOR	B-B (1-12)		Q1804	2SC2240-BL/AB/T	TRANSISTOR		
CN241	QGB2510J1-09	CONNECTOR	B-B (1-9)		Q1805	KTA1268/GL-T	TRANSISTOR		
CN303	QGB2510J1-17	CONNECTOR	B-B (1-17)		Q1806	KTA1268/GL-T	TRANSISTOR		
CN400	QGF1205C1-09	CONNECTOR	FFC/FPC (1-9)		Q1831	2SD637/QR/	TRANSISTOR		
CN402	QGF1205C1-06	CONNECTOR	FFC/FPC (1-6)		Q1832	2SD637/QR/	TRANSISTOR		
CN601	QGB2510J1-07	CONNECTOR	B-B (1-7)		△ Q1851	2SD2390/PY/-F6	TRANSISTOR		
CN811	QGA3901F2-03	CONNECTOR	W-B (1-3)		△ Q1852	2SD2390/PY/-F6	TRANSISTOR		
CN931	QGD2501C1-04Z	CONNECTOR	(1-4)		△ Q1853	2SB1560/PY/-F6	TRANSISTOR		
CN932	QGD2501C1-04Z	CONNECTOR	(1-4)		△ Q1854	2SB1560/PY/-F6	TRANSISTOR		
EP1	E409182-001SM	GRAND TERMINAL			Q1871	KTC3200/GL-T	TRANSISTOR		
EP51	QNZ0136-001Z	EARTH PLATE			Q1872	KTC3200/GL-T	TRANSISTOR		
EP901	QNZ0136-001Z	EARTH PLATE			Q1873	KTA1268/GL-T	TRANSISTOR		
EP902	QNZ0136-001Z	EARTH PLATE			Q1874	KTA1268/GL-T	TRANSISTOR		
FC1	QNG0020-001Z	FUSE CLIP			Q1891	KTA1268/GL-T	TRANSISTOR		
FC2	QNG0020-001Z	FUSE CLIP			Q1892	KTA1268/GL-T	TRANSISTOR		
FC61	QNG0020-001Z	FUSE CLIP			Q1901	2SC2240-BL/AB/T	TRANSISTOR		
FC62	QNG0020-001Z	FUSE CLIP			Q1902	2SC2240-BL/AB/T	TRANSISTOR		
FC63	QNG0020-001Z	FUSE CLIP			Q1903	KTA1268/GL-T	TRANSISTOR		
FC64	QNG0020-001Z	FUSE CLIP			Q1931	2SD637/QR/	TRANSISTOR		
FW51	QUM215-10DGZ4	PARA RIBON WIRE			△ Q1951	2SD2390/PY/-F6	TRANSISTOR		
FW831	QUM214-08DGZ4	PARA RIBON WIRE			△ Q1952	2SB1560/PY/-F6	TRANSISTOR		
HL901	VYH7237-002	IC HOLDER			Q1971	KTC3200/GL-T	TRANSISTOR		
HS921	E70945-H40B	HEAT SINK			Q1972	KTA1268/GL-T	TRANSISTOR		
HS961	E70306-001	HEAT SINK			Q1991	KTA1268/GL-T	TRANSISTOR		
HS971	E70306-001	HEAT SINK			D701	1SS133-T2	DIODE		
△ RY1	QSK0098-001	RELAY			D702	1SS133-T2	DIODE		
TA1	QNZ0079-001Z	TAB			D703	1SS133-T2	DIODE		
TA2	QNZ0079-001Z	TAB			D704	1SS133-T2	DIODE		
△ TH71	QAD0095-4R7Z	P THERMISTOR	4.7Ω M		D771	1SS133-T2	DIODE		
X901	QAX0246-001Z	C RESONATOR	8.00MHZ		D772	1SS133-T2	DIODE		
					D773	1SS133-T2	DIODE		
					D774	1SS133-T2	DIODE		
					D791	1SS133-T2	DIODE		
					D792	1SS133-T2	DIODE		
					D1701	1SS133-T2	DIODE		
					D1771	1SS133-T2	DIODE		
					D1772	1SS133-T2	DIODE		
					D1791	1SS133-T2	DIODE		
					D1801	1SS133-T2	DIODE		
					D1802	1SS133-T2	DIODE		
					D1871	1SS133-T2	DIODE		
					D1872	1SS133-T2	DIODE		
					D1873	1SS133-T2	DIODE		
					D1874	1SS133-T2	DIODE		

## Power board

Block No. [0][4][0][0]

△ Symbol No.	Part No.	Part Name	Description	Local
Q701	2SC2240-BL/AB/T	TRANSISTOR		
Q702	2SC2240-BL/AB/T	TRANSISTOR		
Q703	2SC2240-BL/AB/T	TRANSISTOR		

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
D1891	1SS133-T2	DIODE			C1844	QETN2AM-476Z	E CAPACITOR	47uF 100V M	
D1892	1SS133-T2	DIODE			C1851	QCS32HJ-470Z	C CAPACITOR	47pF 500V J	
D1901	1SS133-T2	DIODE			C1852	QCS32HJ-470Z	C CAPACITOR	47pF 500V J	
D1971	1SS133-T2	DIODE			C1853	QCS32HJ-470Z	C CAPACITOR	47pF 500V J	
D1992	1SS133-T2	DIODE			C1854	QCS32HJ-470Z	C CAPACITOR	47pF 500V J	
D1993	1SS133-T2	DIODE			C1861	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	
C701	QTE1V06-106Z	E CAPACITOR	10uF 35V		C1862	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	
C702	QTE1V06-106Z	E CAPACITOR	10uF 35V		C1863	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	
C703	QCS31HJ-101Z	C CAPACITOR	100pF 50V J		C1864	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	
C704	QCS31HJ-101Z	C CAPACITOR	100pF 50V J		C1891	QCF31HZ-223Z	C CAPACITOR	0.022uF 50V Z	
C705	QCS31HJ-101Z	C CAPACITOR	100pF 50V J		C1892	QCF31HZ-223Z	C CAPACITOR	0.022uF 50V Z	
C706	QCS31HJ-101Z	C CAPACITOR	100pF 50V J		C1901	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
C707	QETN1CM-107Z	E CAPACITOR	100uF 16V M		C1902	QCS31HJ-101Z	C CAPACITOR	100pF 50V J	
C708	QETN1CM-107Z	E CAPACITOR	100uF 16V M		C1903	QCS31HJ-101Z	C CAPACITOR	100pF 50V J	
C709	QCS31HJ-100Z	C CAPACITOR	10pF 50V J		C1904	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C710	QCS31HJ-100Z	C CAPACITOR	10pF 50V J		C1905	QCS31HJ-5R0Z	C CAPACITOR	5pF 50V J	
C711	QFLC1HJ-103Z	M CAPACITOR	0.01uF 50V J		C1911	QCS32HJ-330Z	C CAPACITOR	33pF 500V J	
C712	QFLC1HJ-103Z	M CAPACITOR	0.01uF 50V J		C1912	QFLC1HJ-103Z	M CAPACITOR	0.01uF 50V J	
C713	QCS31HJ-680Z	C CAPACITOR	68pF 50V J		C1913	QETN1CM-107Z	E CAPACITOR	100uF 16V M	
C714	QCS31HJ-680Z	C CAPACITOR	68pF 50V J		C1915	QETN1HM-476Z	E CAPACITOR	47uF 50V M	
C715	QCS31HJ-680Z	C CAPACITOR	68pF 50V J		C1941	QETN2AM-476Z	E CAPACITOR	47uF 100V M	
C716	QCS31HJ-680Z	C CAPACITOR	68pF 50V J		C1943	QETN2AM-476Z	E CAPACITOR	47uF 100V M	
C717	QCS32HJ-220Z	C CAPACITOR	22pF 500V J		C1951	QCS32HJ-470Z	C CAPACITOR	47pF 500V J	
C718	QCS32HJ-220Z	C CAPACITOR	22pF 500V J		C1952	QCS32HJ-470Z	C CAPACITOR	47pF 500V J	
C719	QFLC1HJ-472Z	M CAPACITOR	4700pF 50V J		C1961	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	
C720	QFLC1HJ-472Z	M CAPACITOR	4700pF 50V J		C1962	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J	
C741	QETN2AM-476Z	E CAPACITOR	47uF 100V M		C1991	QCF31HZ-223Z	C CAPACITOR	0.022uF 50V Z	
C742	QETN2AM-476Z	E CAPACITOR	47uF 100V M		R701	QRE141J-222Y	C RESISTOR	2.2kΩ 1/4W J	
C745	QETN2AM-476Z	E CAPACITOR	47uF 100V M		R702	QRE141J-222Y	C RESISTOR	2.2kΩ 1/4W J	
C746	QETN2AM-476Z	E CAPACITOR	47uF 100V M		R703	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
C751	QCS32HJ-470Z	C CAPACITOR	47pF 500V J		R704	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
C752	QCS32HJ-470Z	C CAPACITOR	47pF 500V J		R705	QRE141J-202Y	C RESISTOR	2kΩ 1/4W J	
C753	QCS32HJ-470Z	C CAPACITOR	47pF 500V J		R706	QRE141J-202Y	C RESISTOR	2kΩ 1/4W J	
C754	QCS32HJ-470Z	C CAPACITOR	47pF 500V J		R707	QRE141J-202Y	C RESISTOR	2kΩ 1/4W J	
C791	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J		R708	QRE141J-202Y	C RESISTOR	2kΩ 1/4W J	
C792	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J		R709	QRE141J-912Y	C RESISTOR	9.1kΩ 1/4W J	
C793	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J		R710	QRE141J-912Y	C RESISTOR	9.1kΩ 1/4W J	
C794	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J		R711	QRE141J-561Y	C RESISTOR	560Ω 1/4W J	
C795	QCF31HZ-223Z	C CAPACITOR	0.022uF 50V Z		R712	QRE141J-561Y	C RESISTOR	560Ω 1/4W J	
C796	QCF31HZ-223Z	C CAPACITOR	0.022uF 50V Z		R715	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
C1701	QETN1HM-105Z	E CAPACITOR	1uF 50V M		R716	QRE141J-104Y	C RESISTOR	100kΩ 1/4W J	
C1702	QCS31HJ-101Z	C CAPACITOR	100pF 50V J		R717	QRJ146J-562X	UNF C RESISTOR	5.6kΩ 1/4W J	
C1703	QCS31HJ-101Z	C CAPACITOR	100pF 50V J		R718	QRJ146J-562X	UNF C RESISTOR	5.6kΩ 1/4W J	
C1704	QETN1CM-107Z	E CAPACITOR	100uF 16V M		R719	QRK126J-103X	UNF C RESISTOR	10kΩ 1/2W J	
C1705	QCS31HJ-5R0Z	C CAPACITOR	5pF 50V J		R720	QRK126J-103X	UNF C RESISTOR	10kΩ 1/2W J	
C1711	QCS32HJ-330Z	C CAPACITOR	33pF 500V J		R721	QRJ146J-151X	UNF C RESISTOR	150Ω 1/4W J	
C1712	QFLC1HJ-103Z	M CAPACITOR	0.01uF 50V J		R722	QRJ146J-151X	UNF C RESISTOR	150Ω 1/4W J	
C1713	QETN1CM-107Z	E CAPACITOR	100uF 16V M		R723	QRE141J-391Y	C RESISTOR	390Ω 1/4W J	
C1715	QETN1HM-476Z	E CAPACITOR	47uF 50V M		R724	QRE141J-391Y	C RESISTOR	390Ω 1/4W J	
C1741	QETN2AM-476Z	E CAPACITOR	47uF 100V M		R725	QRE141J-152Y	C RESISTOR	1.5kΩ 1/4W J	
C1743	QETN2AM-476Z	E CAPACITOR	47uF 100V M		R726	QRE141J-152Y	C RESISTOR	1.5kΩ 1/4W J	
C1751	QCS32HJ-470Z	C CAPACITOR	47pF 500V J		R727	QRE141J-333Y	C RESISTOR	33kΩ 1/4W J	
C1752	QCS32HJ-470Z	C CAPACITOR	47pF 500V J		R728	QRE141J-333Y	C RESISTOR	33kΩ 1/4W J	
C1761	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J		R729	QRE141J-391Y	C RESISTOR	390Ω 1/4W J	
C1762	QFLC1HJ-473Z	M CAPACITOR	0.047uF 50V J		R730	QRE141J-391Y	C RESISTOR	390Ω 1/4W J	
C1791	QCF31HZ-223Z	C CAPACITOR	0.022uF 50V Z		R731	QRE141J-391Y	C RESISTOR	390Ω 1/4W J	
C1801	QETN1HM-105Z	E CAPACITOR	1uF 50V M		R732	QRE141J-391Y	C RESISTOR	390Ω 1/4W J	
C1802	QETN1HM-105Z	E CAPACITOR	1uF 50V M		R733	QRE141J-221Y	C RESISTOR	220Ω 1/4W J	
C1803	QCS31HJ-101Z	C CAPACITOR	100pF 50V J		R734	QRE141J-221Y	C RESISTOR	220Ω 1/4W J	
C1804	QCS31HJ-101Z	C CAPACITOR	100pF 50V J		R761	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	
C1805	QCS31HJ-101Z	C CAPACITOR	100pF 50V J		R762	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	
C1806	QCS31HJ-101Z	C CAPACITOR	100pF 50V J		R763	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	
C1807	QETN1CM-107Z	E CAPACITOR	100uF 16V M		R764	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	
C1808	QETN1CM-107Z	E CAPACITOR	100uF 16V M		R771	QRE141J-391Y	C RESISTOR	390Ω 1/4W J	
C1809	QCS31HJ-5R0Z	C CAPACITOR	5pF 50V J		R772	QRE141J-391Y	C RESISTOR	390Ω 1/4W J	
C1810	QCS31HJ-5R0Z	C CAPACITOR	5pF 50V J		R773	QRE141J-391Y	C RESISTOR	390Ω 1/4W J	
C1811	QCS32HJ-330Z	C CAPACITOR	33pF 500V J		R774	QRE141J-391Y	C RESISTOR	390Ω 1/4W J	
C1812	QCS32HJ-330Z	C CAPACITOR	33pF 500V J		R775	QRE141J-201Y	C RESISTOR	200Ω 1/4W J	
C1813	QFLC1HJ-103Z	M CAPACITOR	0.01uF 50V J		R776	QRE141J-201Y	C RESISTOR	200Ω 1/4W J	
C1814	QFLC1HJ-103Z	M CAPACITOR	0.01uF 50V J		R777	QRE141J-201Y	C RESISTOR	200Ω 1/4W J	
C1815	QETN1CM-107Z	E CAPACITOR	100uF 16V M		R778	QRE141J-201Y	C RESISTOR	200Ω 1/4W J	
C1816	QETN1CM-107Z	E CAPACITOR	100uF 16V M		R779	QRZ0218-R22	EMIT RESISTOR	0.22Ω	
C1817	QETN1HM-476Z	E CAPACITOR	47uF 50V M		R780	QRZ0218-R22	EMIT RESISTOR	0.22Ω	
C1818	QETN1HM-476Z	E CAPACITOR	47uF 50V M		R781	QRE141J-391Y	C RESISTOR	390Ω 1/4W J	
C1841	QETN2AM-476Z	E CAPACITOR	47uF 100V M		R782	QRE141J-391Y	C RESISTOR	390Ω 1/4W J	
C1842	QETN2AM-476Z	E CAPACITOR	47uF 100V M		R783	QRE141J-621Y	C RESISTOR	620Ω 1/4W J	
C1843	QETN2AM-476Z	E CAPACITOR	47uF 100V M		R784	QRE141J-621Y	C RESISTOR	620Ω 1/4W J	



△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R787	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J		R1864	QRL027J-100	OMF RESISTOR	10Ω 2W J	
R788	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J		R1871	QRE141J-391Y	C RESISTOR	390Ω 1/4W J	
R789	QRE141J-221Y	C RESISTOR	220Ω 1/4W J		R1872	QRE141J-391Y	C RESISTOR	390Ω 1/4W J	
R790	QRE141J-221Y	C RESISTOR	220Ω 1/4W J		R1873	QRE141J-391Y	C RESISTOR	390Ω 1/4W J	
R791	QRJ125J-330	UNF C RESISTOR	33Ω 1/2W J		R1874	QRE141J-391Y	C RESISTOR	390Ω 1/4W J	
R792	QRJ125J-330	UNF C RESISTOR	33Ω 1/2W J		R1875	QRE141J-201Y	C RESISTOR	200Ω 1/4W J	
R793	QRL027J-100	OMF RESISTOR	10Ω 2W J		R1876	QRE141J-201Y	C RESISTOR	200Ω 1/4W J	
R794	QRL027J-100	OMF RESISTOR	10Ω 2W J		R1877	QRE141J-201Y	C RESISTOR	200Ω 1/4W J	
R795	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J		R1878	QRE141J-201Y	C RESISTOR	200Ω 1/4W J	
R796	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J		R1891	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R797	QRE141J-153Y	C RESISTOR	15kΩ 1/4W J		R1892	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R798	QRE141J-153Y	C RESISTOR	15kΩ 1/4W J		R1893	QRE141J-183Y	C RESISTOR	18kΩ 1/4W J	
R1701	QRE141J-222Y	C RESISTOR	2.2kΩ 1/4W J		R1894	QRE141J-183Y	C RESISTOR	18kΩ 1/4W J	
R1702	QRE141J-683Y	C RESISTOR	68kΩ 1/4W J		R1895	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
R1703	QRE141J-202Y	C RESISTOR	2kΩ 1/4W J		R1896	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
R1705	QRE141J-123Y	C RESISTOR	12kΩ 1/4W J		R1901	QRE141J-222Y	C RESISTOR	2.2kΩ 1/4W J	
R1711	QRE141J-331Y	C RESISTOR	330Ω 1/4W J		R1902	QRE141J-683Y	C RESISTOR	68kΩ 1/4W J	
R1712	QRE141J-563Y	C RESISTOR	56kΩ 1/4W J		R1903	QRE141J-202Y	C RESISTOR	2kΩ 1/4W J	
R1721	QRJ146J-221X	UNF C RESISTOR	220Ω 1/4W J		R1905	QRE141J-123Y	C RESISTOR	12kΩ 1/4W J	
R1722	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J		R1911	QRE141J-331Y	C RESISTOR	330Ω 1/4W J	
R1723	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J		R1912	QRE141J-563Y	C RESISTOR	56kΩ 1/4W J	
R1724	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J		R1921	QRJ146J-221X	UNF C RESISTOR	220Ω 1/4W J	
R1725	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J		R1922	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J	
R1731	QRE141J-911Y	C RESISTOR	910Ω 1/4W J		R1923	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J	
R1732	QRE141J-391Y	C RESISTOR	390Ω 1/4W J		R1924	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J	
R1733	QRE141J-271Y	C RESISTOR	270Ω 1/4W J		R1925	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J	
R1741	QRJ146J-221X	UNF C RESISTOR	220Ω 1/4W J		R1931	QRE141J-911Y	C RESISTOR	910Ω 1/4W J	
R1751	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J		R1932	QRE141J-391Y	C RESISTOR	390Ω 1/4W J	
R1752	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J		R1933	QRE141J-271Y	C RESISTOR	270Ω 1/4W J	
R1753	QRZ0218-R22	EMIT RESISTOR	0.22Ω		R1941	QRJ146J-221X	UNF C RESISTOR	220Ω 1/4W J	
R1761	QRJ125J-330	UNF C RESISTOR	33Ω 1/2W J		R1951	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	
R1762	QRL027J-100	OMF RESISTOR	10Ω 2W J		R1952	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J	
R1771	QRE141J-391Y	C RESISTOR	390Ω 1/4W J		R1953	QRZ0218-R22	EMIT RESISTOR	0.22Ω	
R1772	QRE141J-391Y	C RESISTOR	390Ω 1/4W J		R1961	QRJ125J-330	UNF C RESISTOR	33Ω 1/2W J	
R1773	QRE141J-201Y	C RESISTOR	200Ω 1/4W J		R1962	QRL027J-100	OMF RESISTOR	10Ω 2W J	
R1774	QRE141J-201Y	C RESISTOR	200Ω 1/4W J		R1971	QRE141J-391Y	C RESISTOR	390Ω 1/4W J	
R1791	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J		R1972	QRE141J-391Y	C RESISTOR	390Ω 1/4W J	
R1793	QRE141J-183Y	C RESISTOR	18kΩ 1/4W J		R1973	QRE141J-201Y	C RESISTOR	200Ω 1/4W J	
R1795	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J		R1991	QRE141J-102Y	C RESISTOR	1kΩ 1/4W J	
R1801	QRE141J-222Y	C RESISTOR	2.2kΩ 1/4W J		R1993	QRE141J-183Y	C RESISTOR	18kΩ 1/4W J	
R1802	QRE141J-222Y	C RESISTOR	2.2kΩ 1/4W J		R1994	QRE141J-201Y	C RESISTOR	200Ω 1/4W J	
R1803	QRE141J-683Y	C RESISTOR	68kΩ 1/4W J		R1995	QRE141J-473Y	C RESISTOR	47kΩ 1/4W J	
R1804	QRE141J-683Y	C RESISTOR	68kΩ 1/4W J		VR787	QVP0008-501Z	TRIM RESISTOR	500Ω	
R1805	QRE141J-202Y	C RESISTOR	2kΩ 1/4W J		VR788	QVP0008-501Z	TRIM RESISTOR	500Ω	
R1806	QRE141J-202Y	C RESISTOR	2kΩ 1/4W J		L791	QQLZ003-1R0	COIL	1uH	
R1809	QRE141J-123Y	C RESISTOR	12kΩ 1/4W J		L792	QQLZ003-1R0	COIL	1uH	
R1810	QRE141J-123Y	C RESISTOR	12kΩ 1/4W J		L1761	QQLZ005-R45	COIL	0.45uH	
R1811	QRE141J-331Y	C RESISTOR	330Ω 1/4W J		L1861	QQLZ005-R45	COIL	0.45uH	
R1812	QRE141J-331Y	C RESISTOR	330Ω 1/4W J		L1862	QQLZ005-R45	COIL	0.45uH	
R1813	QRE141J-563Y	C RESISTOR	56kΩ 1/4W J		L1961	QQLZ005-R45	COIL	0.45uH	
R1814	QRE141J-563Y	C RESISTOR	56kΩ 1/4W J		CN711	QGB2510K1-12	CONNECTOR	B-B (1-12)	
R1821	QRJ146J-221X	UNF C RESISTOR	220Ω 1/4W J		CN712	QGB2510K1-12	CONNECTOR	B-B (1-12)	
R1822	QRJ146J-221X	UNF C RESISTOR	220Ω 1/4W J		CN713	QGB2510K1-10	CONNECTOR	B-B (1-10)	
R1823	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J		CN714	QGA2501F1-02	CONNECTOR	W-B (1-2)	
R1824	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J		CN715	QGB2510K1-12	CONNECTOR	B-B (1-12)	
R1825	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J		CN716	QGB2510K1-12	CONNECTOR	B-B (1-12)	
R1826	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J		CN717	QGA2001F1-03	CONNECTOR	W-B (1-3)	
R1827	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J		CN718	QGB2510K1-10	CONNECTOR	B-B (1-10)	
R1828	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J		CN719	QGA2501F1-03	CONNECTOR	W-B (1-3)	
R1829	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J		CN722	QGA2001F1-02	CONNECTOR	W-B (1-2)	
R1830	QRE141J-332Y	C RESISTOR	3.3kΩ 1/4W J		TH731	QAD0012-202	THERMISTOR	2kΩ L	
R1831	QRE141J-911Y	C RESISTOR	910Ω 1/4W J		TH783	QAD0012-202	THERMISTOR	2kΩ L	
R1832	QRE141J-911Y	C RESISTOR	910Ω 1/4W J		TH784	QAD0012-202	THERMISTOR	2kΩ L	
R1833	QRE141J-391Y	C RESISTOR	390Ω 1/4W J		TH831	QAD0012-202	THERMISTOR	2kΩ L	
R1834	QRE141J-391Y	C RESISTOR	390Ω 1/4W J		TH832	QAD0012-202	THERMISTOR	2kΩ L	
R1835	QRE141J-271Y	C RESISTOR	270Ω 1/4W J		TH901	QAD0012-202	THERMISTOR	2kΩ L	
R1836	QRE141J-271Y	C RESISTOR	270Ω 1/4W J						
R1841	QRJ146J-221X	UNF C RESISTOR	220Ω 1/4W J						
R1842	QRJ146J-221X	UNF C RESISTOR	220Ω 1/4W J						
R1851	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J						
R1852	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J						
R1853	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J						
R1854	QRJ146J-100X	UNF C RESISTOR	10Ω 1/4W J						
R1855	QRZ0218-R22	EMIT RESISTOR	0.22Ω						
R1856	QRZ0218-R22	EMIT RESISTOR	0.22Ω						
R1861	QRJ125J-330	UNF C RESISTOR	33Ω 1/2W J						
R1862	QRJ125J-330	UNF C RESISTOR	33Ω 1/2W J						
R1863	QRL027J-100	OMF RESISTOR	10Ω 2W J						

## Input board

## Block No. [0]5[0][0]

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
IC304	HA17558AF-X	IC			C1383	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
IC380	TC9162AF-X	IC			C1384	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
IC381	TC9459F-X	IC			C1385	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
IC382	TC9459F-X	IC			C1386	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
IC383	TC9459F-X	IC			C1387	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
IC384	TC9459F-X	IC			C1388	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
IC386	HA17558AF-X	IC			C1389	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
IC389	MM74HC4053SJ-X	IC			C1390	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
IC390	NJM2580M-X	IC			C1391	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
IC397	HA17558AF-X	IC			C1392	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
IC399	HA17558AF-X	IC			C1393	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
Q1310	KRA104S-X	DIGI TRANSISTOR			C1394	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
Q1313	2SC3576-JVC-T	TRANSISTOR			C1395	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
Q1314	2SC3576-JVC-T	TRANSISTOR			C1396	QETN0JM-477Z	E CAPACITOR	470uF 6.3V M	
Q1324	2SC3576-JVC-T	TRANSISTOR			C1397	QETN1AM-107Z	E CAPACITOR	100uF 10V M	
Q1333	2SC3576-JVC-T	TRANSISTOR			C1398	QETN1AM-107Z	E CAPACITOR	100uF 10V M	
Q1334	2SC3576-JVC-T	TRANSISTOR			C1431	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
Q1441	2SC3576-JVC-T	TRANSISTOR			C1433	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
Q1445	2SC3576-JVC-T	TRANSISTOR			C1439	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
Q1447	KRA104S-X	DIGI TRANSISTOR			C1440	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
Q1490	KRA104S-X	DIGI TRANSISTOR			C1471	QETN1HM-106Z	E CAPACITOR	10uF 50V M	
Q1491	2SC3576-JVC-T	TRANSISTOR			C1474	QETN1VM-476Z	E CAPACITOR	47uF 35V M	
Q1492	2SC3576-JVC-T	TRANSISTOR			C1494	NCB31HK-331X	C CAPACITOR	330pF 50V K	
D1350	MA3062/H/-X	Z DIODE			C1499	QCZ0202-155Z	C CAPACITOR	1.5uF 25V Z	
C333	NDC31HJ-391X	C CAPACITOR	390pF 50V J		R333	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
C334	NDC31HJ-391X	C CAPACITOR	390pF 50V J		R334	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
C361	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R361	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C362	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R362	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C363	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R363	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C364	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R364	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C1301	QETN1EM-476Z	E CAPACITOR	47uF 25V M		R365	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C1302	QETN1EM-476Z	E CAPACITOR	47uF 25V M		R366	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C1303	NCB31HK-221X	C CAPACITOR	220pF 50V K		R1301	QRZ9005-680X	F RESISTOR	68Ω	
C1309	QENC1HM-106Z	BP E CAPACITOR	10uF 50V M		R1302	QRZ9005-680X	F RESISTOR	68Ω	
C1310	QETN1CM-226Z	E CAPACITOR	22uF 16V M		R1303	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C1311	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R1304	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C1312	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R1305	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C1313	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R1306	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C1314	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R1307	NRSA63J-242X	MG RESISTOR	2.4kΩ 1/16W J	
C1315	QER61HM-224Z	E CAPACITOR	0.22uF 50V M		R1308	NRSA63J-242X	MG RESISTOR	2.4kΩ 1/16W J	
C1316	QER61HM-224Z	E CAPACITOR	0.22uF 50V M		R1309	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
C1319	NCB31HK-221X	C CAPACITOR	220pF 50V K		R1310	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C1321	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R1311	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C1322	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R1312	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C1323	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R1313	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C1324	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R1314	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C1325	QER61HM-224Z	E CAPACITOR	0.22uF 50V M		R1315	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C1326	QER61HM-224Z	E CAPACITOR	0.22uF 50V M		R1316	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C1329	NCB31HK-221X	C CAPACITOR	220pF 50V K		R1321	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C1331	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R1322	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C1332	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R1324	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C1333	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R1326	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C1334	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R1331	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C1339	NCB31HK-221X	C CAPACITOR	220pF 50V K		R1332	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C1341	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R1333	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C1343	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R1334	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C1344	QETN1CM-226Z	E CAPACITOR	22uF 16V M		R1335	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C1349	NCB31HK-221X	C CAPACITOR	220pF 50V K		R1336	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C1350	NCB31HK-221X	C CAPACITOR	220pF 50V K		R1341	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C1361	NCS31HJ-391X	C CAPACITOR	390pF 50V J		R1342	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C1362	NCS31HJ-391X	C CAPACITOR	390pF 50V J		R1343	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
C1363	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R1350	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
C1364	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R1351	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C1365	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R1355	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C1366	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		R1361	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
C1373	QETN1EM-476Z	E CAPACITOR	47uF 25V M		R1362	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
C1374	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R1363	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C1375	QETN1EM-226Z	E CAPACITOR	22uF 25V M		R1364	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C1376	QETN1CM-226Z	E CAPACITOR	22uF 16V M		R1365	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C1377	QETN1EM-226Z	E CAPACITOR	22uF 25V M		R1366	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C1379	QETN1EM-226Z	E CAPACITOR	22uF 25V M		R1367	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C1381	NDC31HJ-100X	C CAPACITOR	10pF 50V J		R1368	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C1382	NDC31HJ-100X	C CAPACITOR	10pF 50V J		R1369	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
					R1370	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
					R1373	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
					R1385	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
					R1386	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	

△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R1387	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J		IC681	JCV8009-W	IC		
R1388	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J		IC682	MN35505-X	IC		
R1389	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J		IC683	SN74AHC2G74T-X	IC		
R1390	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J		IC684	SN74LVC2G241T-X	IC		
R1391	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J		IC691	BA3259HFP-W	IC		
R1392	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J						
R1393	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J		Q2101	2SD2114K/VW/-X	TRANSISTOR		
R1394	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		Q2102	2SD2114K/VW/-X	TRANSISTOR		
R1395	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		Q2141	2SD601A/RS/-X	TRANSISTOR		
R1396	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		Q2142	2SD601A/RS/-X	TRANSISTOR		
R1431	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		Q2201	2SD2114K/VW/-X	TRANSISTOR		
R1432	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		Q2202	2SD2114K/VW/-X	TRANSISTOR		
R1433	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		Q2221	2SD2114K/VW/-X	TRANSISTOR		
R1434	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		Q2222	2SD2114K/VW/-X	TRANSISTOR		
R1435	NRSA63J-912X	MG RESISTOR	9.1kΩ 1/16W J		Q2301	2SD2114K/VW/-X	TRANSISTOR		
R1436	NRSA63J-512X	MG RESISTOR	5.1kΩ 1/16W J		Q2341	2SD601A/RS/-X	TRANSISTOR		
R1437	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		Q2401	2SD2114K/VW/-X	TRANSISTOR		
R1439	QRZ9005-680X	F RESISTOR	68Ω		Q2421	2SD2114K/VW/-X	TRANSISTOR		
R1440	QRZ9005-680X	F RESISTOR	68Ω		Q2501	2SD2114K/VW/-X	TRANSISTOR		
R1441	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		Q2701	UN2214-X	TRANSISTOR		
R1443	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		Q2702	UN2214-X	TRANSISTOR		
R1445	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		Q2703	UN2214-X	TRANSISTOR		
R1446	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		Q2704	UN2114-X	TRANSISTOR		
R1447	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J		Q2705	UN2114-X	TRANSISTOR		
R1471	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		Q2706	UN2114-X	TRANSISTOR		
R1472	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J		Q2708	UN2114-X	TRANSISTOR		
R1473	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		Q2709	UN2114-X	TRANSISTOR		
R1474	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		Q2710	UN2214-X	TRANSISTOR		
R1475	NRSA63J-512X	MG RESISTOR	5.1kΩ 1/16W J						
R1476	NRSA63J-113X	MG RESISTOR	11kΩ 1/16W J		C2001	QETN1EM-475Z	E CAPACITOR	4.7uF 25V M	
R1478	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		C2002	QETN1EM-475Z	E CAPACITOR	4.7uF 25V M	
R1486	NRSA63J-511X	MG RESISTOR	510Ω 1/16W J		C2005	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
R1487	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		C2006	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
R1490	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		C2009	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
R1505	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		C2010	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
					C2013	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
CN205	QGB1214J1-10S	CONNECTOR	B-B (1-10)		C2014	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
CN381	QGB1214J1-18S	CONNECTOR	B-B (1-18)		C2018	QETN1AM-476Z	E CAPACITOR	47uF 10V M	
CN501	QGB1214J1-14S	CONNECTOR	B-B (1-14)		C2019	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
CN731	QJP002-021901	SHI CR C-B WIRE			C2020	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
CN732	QJP001-031701	SHI CR C-B WIRE			C2101	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
CN733	QJP017-021701	SHI CR C-B WIRE			C2102	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
CN734	WJJP0047-001A	E-SH C WIRE C-B			C2109	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
CN735	QJP007-031301	CONNECTOR			C2110	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
J1350	QNS0089-001	3.5 JACK			C2111	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
J1352	QNS0089-001	3.5 JACK			C2112	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
J1360	QNN0548-001	4PIN JACK ASSY			C2113	NCB31HK-331X	C CAPACITOR	330pF 50V K	
J1380	QNN0391-001	PIN JACK			C2114	NCB31HK-331X	C CAPACITOR	330pF 50V K	
J1491	QNN0284-001	PIN JACK			C2115	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
					C2116	NCB31HK-272X	C CAPACITOR	2700pF 50V K	
					C2129	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M	
					C2131	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
					C2132	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
					C2133	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
					C2134	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
					C2139	QETN1EM-475Z	E CAPACITOR	4.7uF 25V M	
					C2140	QETN1EM-475Z	E CAPACITOR	4.7uF 25V M	
					C2141	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
					C2142	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
					C2143	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
					C2144	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
					C2149	QETN1EM-475Z	E CAPACITOR	4.7uF 25V M	
					C2150	QETN1EM-475Z	E CAPACITOR	4.7uF 25V M	
					C2161	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
					C2162	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
					C2163	NDC31HJ-181X	C CAPACITOR	180pF 50V J	
					C2164	NDC31HJ-181X	C CAPACITOR	180pF 50V J	
					C2165	NCB31CK-683X	C CAPACITOR	0.068uF 16V K	
					C2166	NCB31CK-683X	C CAPACITOR	0.068uF 16V K	
					C2167	NCB31HK-182X	C CAPACITOR	1800pF 50V K	
					C2168	NCB31HK-182X	C CAPACITOR	1800pF 50V K	
					C2201	NCB31HK-182X	C CAPACITOR	1800pF 50V K	
					C2202	NCB31HK-182X	C CAPACITOR	1800pF 50V K	
					C2209	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
					C2210	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M	
					C2229	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
					C2230	QETN1HM-105Z	E CAPACITOR	1uF 50V M	
					C2241	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	

## DSP board

Block No. [0][6][0][0]

△ Symbol No.	Part No.	Part Name	Description	Local
IC601	NJM4565M-WE	IC		
IC602	NJM4565M-WE	IC		
IC611	NJM4565M-WE	IC		
IC612	NJM4565M-WE	IC		
IC613	NJM4565M-WE	IC		
IC614	NJM4565M-WE	IC		
IC621	NJM4565M-WE	IC		
IC622	NJM4565M-WE	IC		
IC631	NJM2120M-X	IC		
IC632	NJM4565M-WE	IC		
IC633	NJM4565M-WE	IC		
IC634	NJM4565M-WE	IC		
IC651	NJM4565M-WE	IC		
IC661	DSPA56370AF	IC		
IC662	SN74LVC1GU04K-X	IC		
IC667	CS42518-CQZ-C-X	IC(DIGITAL)		
IC671	UPD784217AGC257	IC(FLASH MICOM)		
IC672	SN74AHCT1G32K-X	IC		
IC673	SN74LVC1G04K-X	IC		

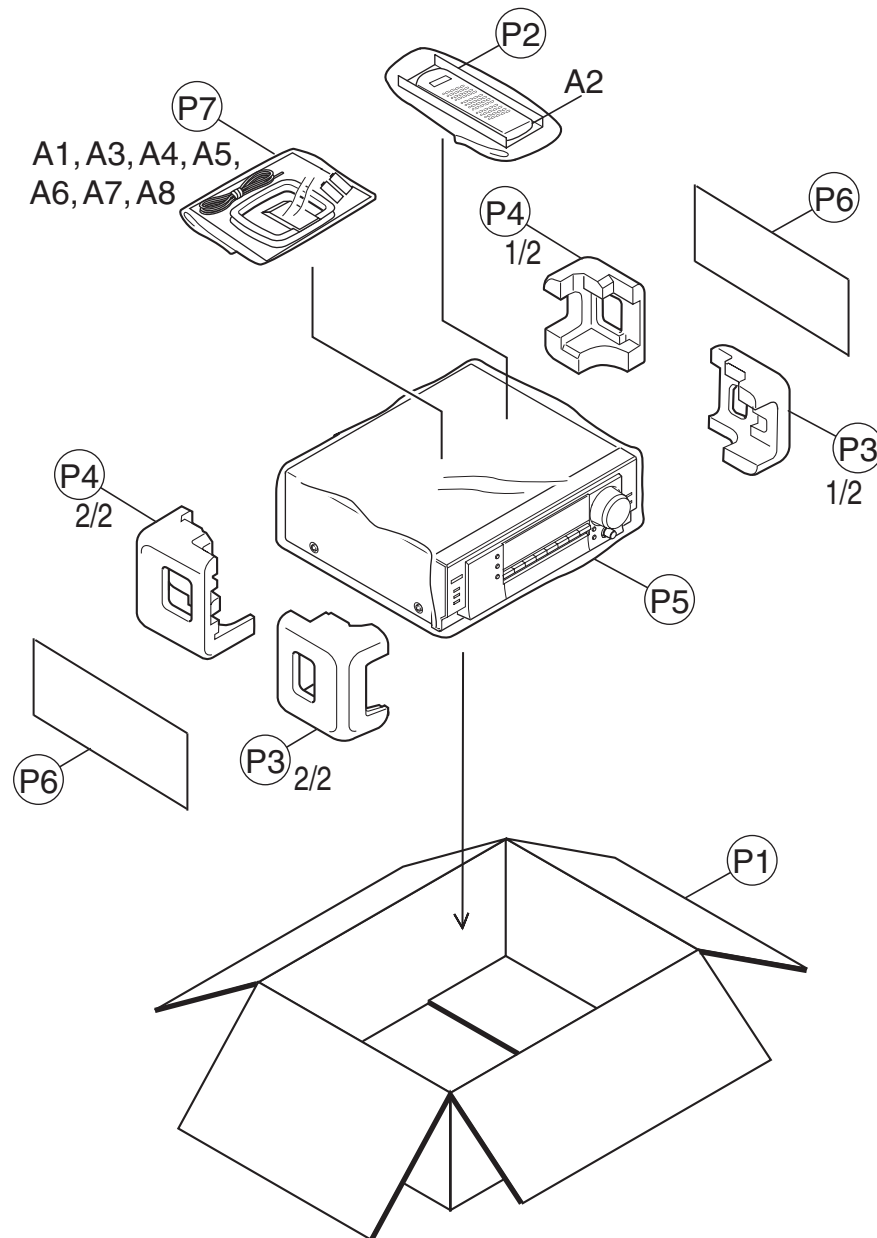
△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
C2242	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C2679	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2243	NCB31HK-562X	C CAPACITOR	5600pF 50V K		C2680	QETN0JM-107Z	E CAPACITOR	100uF 6.3V M	
C2244	NCB31HK-562X	C CAPACITOR	5600pF 50V K		C2681	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2245	NCB31HK-182X	C CAPACITOR	1800pF 50V K		C2682	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2246	NCB31HK-182X	C CAPACITOR	1800pF 50V K		C2683	NCB31CK-223X	C CAPACITOR	0.022uF 16V K	
C2249	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M		C2684	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C2250	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M		C2685	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2281	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C2686	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2282	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C2687	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2283	NCB31HK-471X	C CAPACITOR	470pF 50V K		C2688	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C2284	NCB31HK-471X	C CAPACITOR	470pF 50V K		C2689	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C2285	NCB31HK-471X	C CAPACITOR	470pF 50V K		C2690	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C2286	NCB31HK-471X	C CAPACITOR	470pF 50V K		C2691	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C2287	NCB31HK-682X	C CAPACITOR	6800pF 50V K		C2701	QETN0JM-107Z	E CAPACITOR	100uF 6.3V M	
C2288	NCB31HK-682X	C CAPACITOR	6800pF 50V K		C2702	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C2301	NCB31HK-272X	C CAPACITOR	2700pF 50V K		C2703	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C2309	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M		C2731	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2323	NCB31HK-562X	C CAPACITOR	5600pF 50V K		C2751	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2325	NCB31HK-182X	C CAPACITOR	1800pF 50V K		C2771	QETN1AM-476Z	E CAPACITOR	47uF 10V M	
C2341	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C2801	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2342	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C2802	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2343	NDC31HJ-330X	C CAPACITOR	33pF 50V J		C2811	QETN1AM-107Z	E CAPACITOR	100uF 10V M	
C2349	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M		C2812	QETN1AM-107Z	E CAPACITOR	100uF 10V M	
C2381	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C2813	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2382	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C2814	NCF21CZ-155X	C CAPACITOR	1.5uF 16V Z	
C2383	NCB31HK-681X	C CAPACITOR	680pF 50V K		C2815	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C2385	NCB31HK-681X	C CAPACITOR	680pF 50V K		C2816	NCF21CZ-155X	C CAPACITOR	1.5uF 16V Z	
C2387	NCB31HK-682X	C CAPACITOR	6800pF 50V K		C2817	NCF21CZ-155X	C CAPACITOR	1.5uF 16V Z	
C2401	NCB31HK-561X	C CAPACITOR	560pF 50V K		C2818	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C2409	QETN1EM-475Z	E CAPACITOR	4.7uF 25V M		C2819	NCB31AK-224X	C CAPACITOR	0.22uF 10V K	
C2411	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C2820	NCF21CZ-155X	C CAPACITOR	1.5uF 16V Z	
C2412	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C2831	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2421	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C2832	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2422	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C2861	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C2423	NCB31CK-823X	C CAPACITOR	0.082uF 16V K		C2862	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2425	QFN31HJ-333Z	M CAPACITOR	0.033uF 50V J		C2863	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2429	QETN1HM-475Z	E CAPACITOR	4.7uF 50V M		C2864	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2433	NCB31CK-823X	C CAPACITOR	0.082uF 16V K		C2866	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2435	QFN31HJ-333Z	M CAPACITOR	0.033uF 50V J		C2881	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C2449	QETN1EM-475Z	E CAPACITOR	4.7uF 25V M		C2882	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C2483	NCB31HK-471X	C CAPACITOR	470pF 50V K		C2883	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C2485	NCB31HK-471X	C CAPACITOR	470pF 50V K		C2884	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
C2487	NCB31HK-332X	C CAPACITOR	3300pF 50V K		C2901	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2501	NCB31HK-182X	C CAPACITOR	1800pF 50V K		C2902	QETN1CM-106Z	E CAPACITOR	10uF 16V M	
C2509	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M		C2903	QETN1EM-476Z	E CAPACITOR	47uF 25V M	
C2541	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C2911	QETN0JM-227Z	E CAPACITOR	220uF 6.3V M	
C2542	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C2921	QETN0JM-107Z	E CAPACITOR	100uF 6.3V M	
C2543	NCB31HK-562X	C CAPACITOR	5600pF 50V K		C2922	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2545	NCB31HK-182X	C CAPACITOR	1800pF 50V K		C2923	QETN0JM-107Z	E CAPACITOR	100uF 6.3V M	
C2549	QETN1HM-225Z	E CAPACITOR	2.2uF 50V M		C2924	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2583	NCB31HK-471X	C CAPACITOR	470pF 50V K		C2925	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C2585	NCB31HK-471X	C CAPACITOR	470pF 50V K		C2951	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C2587	NCB31HK-682X	C CAPACITOR	6800pF 50V K		C2952	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C2601	QETN0JM-107Z	E CAPACITOR	100uF 6.3V M		C2953	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C2606	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C2954	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C2607	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		C2955	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	
C2608	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z						
C2611	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R2001	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C2612	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R2002	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
C2613	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R2003	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
C2614	NCB31HK-102X	C CAPACITOR	1000pF 50V K		R2004	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
C2621	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R2007	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
C2622	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R2008	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
C2623	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R2011	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
C2631	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R2012	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
C2632	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R2013	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
C2633	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R2014	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
C2641	NDC31HJ-101X	C CAPACITOR	100pF 50V J		R2017	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C2642	NDC31HJ-101X	C CAPACITOR	100pF 50V J		R2018	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C2643	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R2021	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C2671	QETN1CM-106Z	E CAPACITOR	10uF 16V M		R2022	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C2672	QETN1CM-106Z	E CAPACITOR	10uF 16V M		R2023	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C2673	QETN1CM-106Z	E CAPACITOR	10uF 16V M		R2024	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C2674	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R2101	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C2675	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R2102	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C2676	NCB31HK-221X	C CAPACITOR	220pF 50V K		R2103	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C2677	NCB31HK-221X	C CAPACITOR	220pF 50V K		R2104	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C2678	QETN1EM-475Z	E CAPACITOR	4.7uF 25V M		R2109	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	



△ Symbol No.	Part No.	Part Name	Description	Local	△ Symbol No.	Part No.	Part Name	Description	Local
R2643	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J		R2876	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R2644	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J		R2921	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R2647	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R2922	NRSA63J-112X	MG RESISTOR	1.1kΩ 1/16W J	
R2671	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		CN671	QGF1205C1-06	CONNECTOR	FFC/FPC (1-6)	
R2673	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		CN681	QGB2510K1-07	CONNECTOR	B-B (1-7)	
R2681	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		CN682	QGB1214K1-14S	CONNECTOR	B-B (1-14)	
R2682	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		EP681	E409182-001SM	GRAND TERMINAL		
R2683	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		J681	QNN0481-001	SURROUND JACK		
R2684	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		K2801	NQR0007-003X	FERRITE BEADS		
R2685	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		K2802	NQR0007-003X	FERRITE BEADS		
R2686	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		K2803	NQR0007-003X	FERRITE BEADS		
R2687	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		K2804	NQR0007-003X	FERRITE BEADS		
R2688	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		K2861	NQR0269-004X	FERRITE BEADS		
R2701	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		UN682	GP1FA553RZ	OPT RECEIVER		
R2702	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		UN683	GP1FA553RZ	OPT RECEIVER		
R2703	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		UN684	GP1FA553RZ	OPT RECEIVER		
R2704	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		UN686	GP1FA553TZ	OPT TRANSMITTER		
R2705	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J		X661	QAX0722-001Z	CRYSTAL	24.576MHz	
R2706	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J		X671	QAX0719-001Z	C RESONATOR	6.144MHz	
R2707	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2712	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J						
R2713	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J						
R2714	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J						
R2715	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J						
R2716	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J						
R2721	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J						
R2722	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J						
R2723	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J						
R2724	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J						
R2725	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J						
R2726	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J						
R2727	NRSA63J-432X	MG RESISTOR	4.3kΩ 1/16W J						
R2728	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2731	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2732	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2733	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2734	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2735	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2736	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2737	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2738	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2739	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2740	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2741	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2742	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2743	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2744	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2745	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2751	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J						
R2752	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J						
R2761	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J						
R2762	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J						
R2763	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J						
R2771	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J						
R2772	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J						
R2773	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J						
R2801	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J						
R2802	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J						
R2803	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J						
R2811	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J						
R2812	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J						
R2813	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J						
R2814	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J						
R2815	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J						
R2816	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J						
R2819	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J						
R2831	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J						
R2832	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2833	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2861	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J						
R2862	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J						
R2863	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J						
R2864	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J						
R2866	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J						
R2871	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J						
R2872	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J						
R2873	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J						
R2874	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J						

# Packing materials and accessories parts list

Block No. M 3 M M



## Packing and accessories

Block No. M 3 M M

△ Symbol No.	Part No.	Part Name	Description	Local
A 1	LVT1170-002A	INST BOOK	ENG FRE	7042SC
A 1	LVT1170-001B	INST BOOK	ENG	7042SJ
A 2	RM-SRX7042J	REMOCON		
A 3	-----	BATTERY	(x2)	
A 4	EWP503-001C	ANT.WIRE		
A 5	QAL0014-001	AM LOOP ANT		
A 6	BT-52006-2	WARRANTY CARD		7042SC
A 7	BT-51034-1	REGISTER CARD		7042SJ
A 8	YU20333	SAFETY INST.		7042SJ

△ Symbol No.	Part No.	Part Name	Description	Local
P 1	LV21445-016A	CARTON BOX		
P 2	LV35186-001A	CARTON SPACER		
P 3	LV20947-001A	PACKING PAD(F)		
P 4	LV20948-002A	PACKING PAD(R)		
P 5	QPC06507015P	POLY BAG	65cm x 70cm	
P 6	LV32034-004A	SHEET	(x2)	
P 7	QPA02503505P	POLY BAG	25cm x 35cm	