SONY

DIGITAL POWERED MIXER

SRP-X500P

SERVICE MANUAL

1st Edition

⚠警告

このマニュアルは，サービス専用です。
お客様が，このマニュアルに記載された設置や保守，点検，修理などを行うと感電や火災，人身事故につながることがあります。
危険をさけるため，サービストレーニングを受けた技術者のみご使用ください。

⚠WARNING

This manual is intended for qualified service personnel only.
To reduce the risk of electric shock, fire or injury, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so. Refer all servicing to qualified service personnel.

⚠WARNUNG

Die Anleitung ist nur für qualifiziertes Fachpersonal bestimmt.
Alle Wartungsarbeiten dürfen nur von qualifiziertem Fachpersonal ausgeführt werden. Um die Gefahr eines elektrischen Schlages, Feuergefahr und Verletzungen zu vermeiden, sind bei Wartungsarbeiten strikt die Angaben in der Anleitung zu befolgen. Andere als die angegeben Wartungsarbeiten dürfen nur von Personen ausgeführt werden, die eine spezielle Befähigung dazu besitzen.

⚠AVERTISSEMENT

Ce manual est destiné uniquement aux personnes compétentes en charge de l’entretien. Afin de réduire les risques de décharge électrique, d’incendie ou de blessure n’effectuer que les réparations indiquées dans le mode d’emploi à moins d’être qualifié pour en effectuer d’autres. Pour toute réparation faire appel à une personne compétente uniquement.

WARNING
When installing the unit, incorporate a readily accessible disconnect device in the fixed wiring, or connect the power cord to socket-outlet which must be provided near the unit and easily accessible.
If a fault should occur during operation of the unit, operate the disconnect device to switch the power supply off, or disconnect the power cord.

Attention-when the product is installed in Rack:

1. **Prevention against overloading of branch circuit**
   When this product is installed in a rack and is supplied power from an outlet on the rack, please make sure that the rack does not overload the supply circuit.

2. **Providing protective earth**
   When this product is installed in a rack and is supplied power from an outlet on the rack, please confirm that the outlet is provided with a suitable protective earth connection.

3. **Internal air ambient temperature of the rack**
   When this product is installed in a rack, please make sure that the internal air ambient temperature of the rack is within the specified limit of this product.

4. **Prevention against achieving hazardous condition due to uneven mechanical loading**
   When this product is installed in a rack, please make sure that the rack does not achieve hazardous condition due to uneven mechanical loading.

5. **Install the equipment while taking the operating temperature of the equipment into consideration**
   For the operating temperature of the equipment, refer to the specifications of the Operation Manual.

6. **When performing the installation, keep the following space away from walls in order to obtain proper exhaust and radiation of heat.**
   Right, Left: 4 cm (1.6 inches) or more
   Rear: 10 cm (4 inches) or more

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer :

Check the metal trim, “metallized” knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA. Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers’ instructions to use these instruments.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The “limit” indication is 0.75 V, so analog meters must have an accurate low-voltage scale. The Simpson 250 and Sanwa SH-63Trd are examples of a passive VOM that is suitable. Nearly all battery operated digital multimeters that have a 2 V AC range are suitable. (See Fig. A)

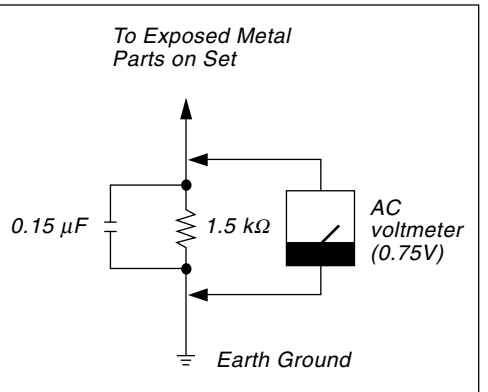

Fig A. Using an AC voltmeter to check AC leakage.

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Manual Structure

Purpose of this manual

This manual is the Service Manual of the SRP-X500P Digital Powered Mixer. This manual is intended for use by trained system and service engineers, and describes the information on the maintenance and the service information such as components replacement.

Contents

The following is a summary of all the section for understanding the contents of this manual.

Section 1 Service Overview

This section describes the operating environment, power supply, installation space, information on connectors and cables required to connect other equipments, functions of on-board switches and LEDs, rack mounting procedure, removal of the cabinet, replacement of the main parts, cautions on servicing, and the test mode.

Section 2 Electrical Alignment

This section describes how to adjust the MAIN board.

Section 3 Spare Parts

This section describes the spare parts list and exploded views.

Section 4 Semiconductor Pin Assignments

Contains information on semiconductors used for the unit.
It includes a complete list of the semiconductors and their ID Nos. for retrieving information on “Semiconductor Pin Assignments” CD-ROM, which is available separately.
Please refer to this section together with the “Semiconductor Pin Assignments” CD-ROM.

Section 5 Block Diagrams

This section describes the overall block diagrams and circuit description.

Section 6 Board Layouts

This section describes the board layouts for every circuit boards.

Section 7 Schematic Diagrams

This section describes the schematic diagrams for every circuit boards.

Related manual

Besides this Service Manual, the following manuals are available for the SRP-X500P.

- **SRP-X500P Instruction Manual (Supplied with SRP-X500P)**
  This manual describes the precautions of SRP-X500P and description of each block.

- **“Semiconductor Pin Assignments” CD-ROM (Available on request)**
  This “Semiconductor Pin Assignments” CD-ROM allows you to search for semiconductors used in B&P Company equipment.
  The maintenance manual contains a complete list of semiconductors and their ID Nos., and thus should be used together with the CD-ROM.
  Part number: 9-968-546-XX

Section 1
Service Overview

1-1. Installation

1-1-1. Operating Environment

Operation temperature : +0 °C to +40 °C (Functions guaranteed)
+5 °C to +35 °C (Performance guaranteed)
Operating humidity: 10% to 90%
Storage temperature : −20 °C to +60 °C
Mass : Approx. 12 kg

Do not install in the following places:

- Areas exposed to direct sunlight or other strong light
- Dusty areas
- Areas with strong electric or magnetic fields
- Areas near heat sources
- Areas subject to vibration
- Areas with much electrical noise
- Areas with much static noise

Ventilation/Heat dissipation

- The inside of the SRP-X500P is air-cooled with a fan. Be careful not to cover the air inlet of rear and both (Left and right) sides. In addition, keep sufficient space around the SPR-X500P to allow ventilation and heat dissipation to the environment.
- When installing the SRP-X500P to the rack, keep sufficient space around the SRP-X500P so that the ambient temperature inside the rack is 35 °C or less.

1-1-2. Power Supply

1. Power Specifications

Power supply voltage:
AC 120 V (for UC)
AC 230 V (for CE)
AC 220 V (for CN)

Power supply frequency:
50/60 Hz (for CE and CN)
60 Hz (for UC)

Power consumption:
120 W

2. Power Cord

WARNING

- Use the approved Power Cord (3-core mains lead)/ Appliance Connector/Plug with earthing-contacts that conforms to the safety regulations of each country if applicable.
- Use the Power Cord (3-core mains lead)/Appliance Connector/Plug conforming to the proper ratings (Voltage, Ampere).

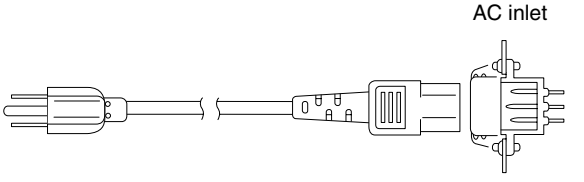
If you have questions on the use of the above Power Cord/ Appliance Connector/Plug, please contact your local Sony Sales Office/Service Center.

WARNING

- Never use an injured power cord.
- Plugging the power cord in the AC inlet, push as far as it will go.

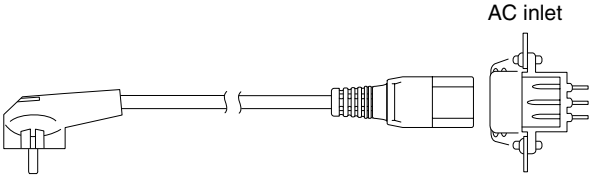
For customers in the U.S.A. and Canada:

Power cord 125 V 10 A (2.4 m): ⚠ 1-551-812-11
(Supplied with SRP-X500P UC model)



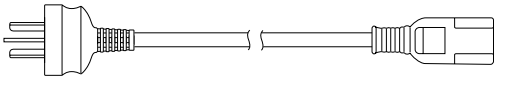
For customers in European countries except United Kingdom:

Power cord 250 V 10 A (2.4 m): ⚠ 1-551-631-22
(Supplied with the SRP-X500P CE model)



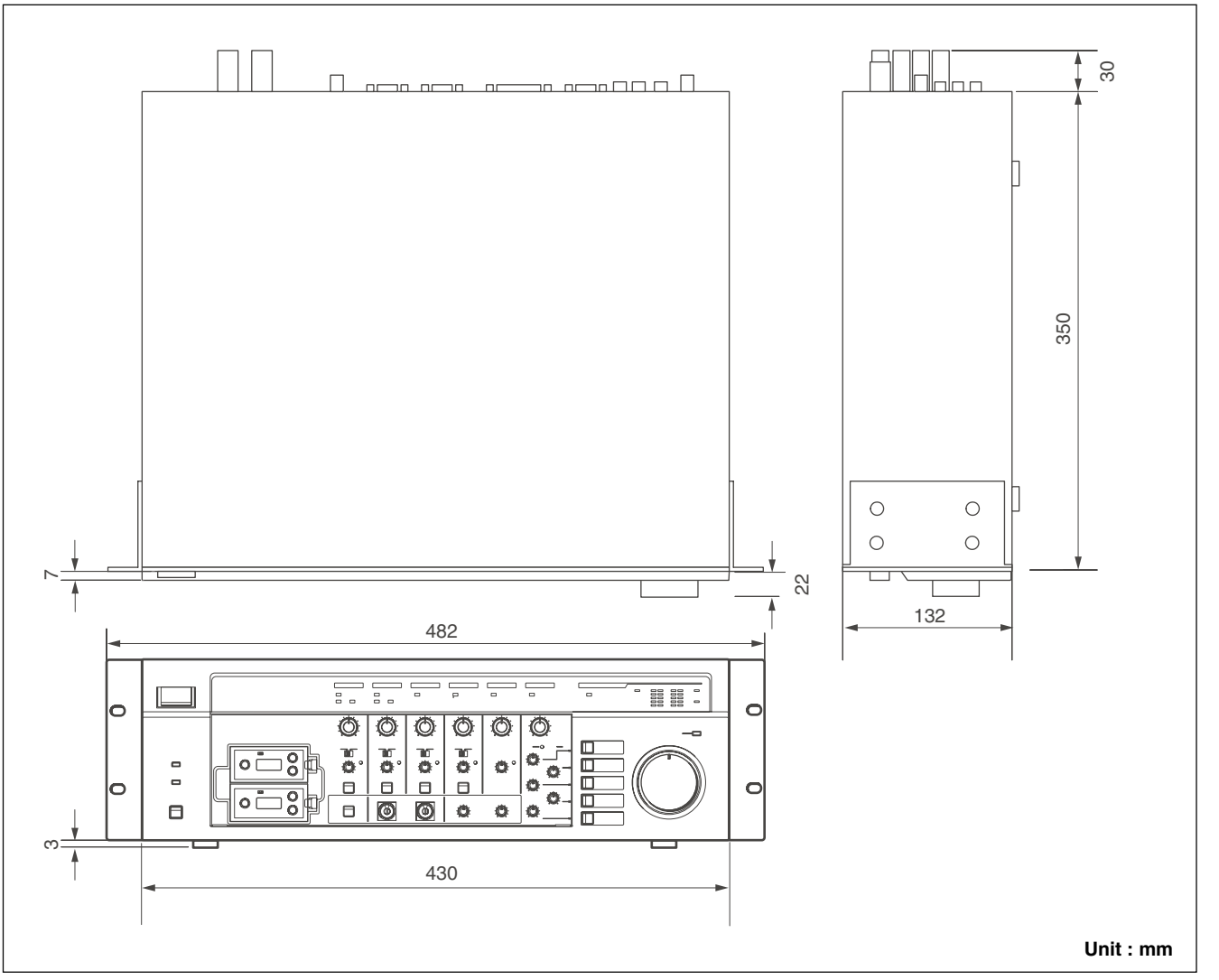
For customers in China:

Power cord 250V 10A (1.8 m): ⚠ 1-783-481-12
(Supplied with the SRP-X500P CN model)



If the unit is used in the area except above, please contact your local Sony Sales Office/Service Center.

1-1-3. Installation Space (External dimensions)



1-1-4. Matching Connectors and Cables

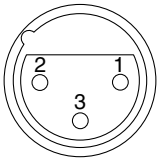
Use the following connectors, cables or equivalents when connecting cables to the unit.

SRP-X500P connector		**Matching connector and cable**	
Panel indication	**Connector name**	**name**	**Sony part No.**
ANT IN a, b	BNC	BNC coaxial cable	–
CONTROL S IN/OUT	3.5 mm TRS jack	3.5 mm TRS plug	–
PROJECTOR CONTROL RS-232C	D-sub 9-pin, Male	D-sub 9-pin, Female	1-566-354-11
REMOTE PARALLEL	D-sub 25-pin, Female	D-sub 25-pin, Male	1-778-863-11
REMOTE RS-232C	D-sub 9-pin, Male	D-sub 9-pin, Female	1-566-354-11
AV/RGB INPUT VIDEO A to C	PHONO jack	PHONO plug	–
AV/RGB INPUT COMPONENT/RGB D, E	HD D-sub 15-pin, Female	HD D-sub 15-pin, Male	–
OUTPUT VIDEO	PHONO jack	PHONO plug	–
OUTPUT COMPONENT/RGB	HD D-sub 15-pin, Female	HD D-sub 15-pin, Male	–
MIC INPUT 1 to 4	XLR 3-pin, Female	XLR 3P, Male	1-508-084-11
LINE IN L/R	PHONO jack	PHONO plug	–
AV/RGB INPUT A to E L/R	PHONO jack	PHONO plug	–
LINE OUTPUT 1 to 4	PHONO jack	PHONO plug	–
SPEAKERS CH 1 to 4	Threaded terminal	Speaker cable (4S6)	–

1-1-5. Input/Output Signals of Connectors

MIC INPUT 1 to 4 (XLR 3-pin, female)

Reference input level: −60 to −30 dBu
Maximum input level: −37 to −7 dBu
2.2 kΩ or more, balanced
When setting MIC +48 V:
External power output of +48 VDC

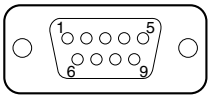


– EXT VIEW –

Pin No.	Signal Name	Function
1	GND	Ground
2	HOT	Hot
3	COLD	Cold

REMOTE RS-232C
PROJECTOR CONTROL RS-232C
(D-sub 9-pin, male)

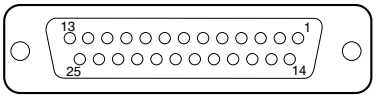
Signal level: Conforming to RS-232C



– EXT VIEW –

Pin No.	Signal Name	Function
1	FG	Frame ground
2	RXD	Received data
3	TXD	Transmitted data
4	DTR	N.C
5	SG	Signal ground
6	DSR	N.C
7	RTS	N.C
8	CTS	N.C
9	RI	N.C

REMOTE PARALLEL (D-sub 25-pin, female)



– EXT VIEW –

Pin No.	Signal Name	Function
1	IN GND	Ground for input
2	P-IN0	Parallel input
3	P-IN1	Parallel input
4	P-IN2	Parallel input
5	P-IN3	Parallel input
6	P-IN4	Parallel input
7	P-IN5	Parallel input
8	P-IN6	Parallel input
9	P-IN7	Parallel input
10	P-IN8	Parallel input
11	P-IN9	Parallel input
12	IN GND	Ground for input
13	OUT GND	Ground for output
14	OUT GND	Ground for output
15	P-OUT0	Parallel output
16	P-OUT1	Parallel output
17	P-OUT2	Parallel output
18	P-OUT3	Parallel output
19	P-OUT4	Parallel output
20	P-OUT5	Parallel output
21	P-OUT6	Parallel output
22	P-OUT7	Parallel output
23	P-OUT8	Parallel output
24	P-OUT9	Parallel output
25	OUT GND	Ground for output

ANT IN a, b (BNC)

Output level: DC 9 V OUT
Maximum rating: 35 mA MAX

CONTROL S IN/OUT (3.5 mm TRS jack)

Signal level: Conforming to Sony technical standard

LINE IN/AV RGB INPUT A to E (PHONO jack)

Reference input level: −30 to 0 dBu
Maximum input level: +10 dBu 10 kΩ, unbalanced

LINE OUTPUT 1 to 4 (PHONO jack)

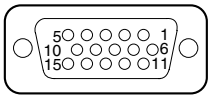
Reference output level: −5 dBu
Maximum output level: +15 dBu
Load impedance: 10 kΩ or more, unbalanced

AV/RGB INPUT A to C (PHONO jack)

Signal format: COMPOSITE
Signal level: 1 Vp-p
Impedance: 75 Ω

AV/RGB INPUT D, E (HD D-sub 15-pin, female)

Signal format: RGB/COMPONENT
Signal level: Video signal 0.7 Vp-p
Sync signal 1 to 5 V
Impedance: Video signal 75 Ω
Sync signal 47 kΩ



– EXT VIEW –

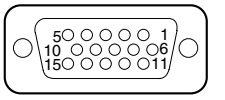
Pin No.	Signal Name	Function
1	R/R-Y	Video red/R-Y
2	G/Y	Video green/Y
3	B/B-Y	Video blue/B-Y
4	GND	Ground
5	NC	No connection
6	GND	Ground
7	GND	Ground
8	GND	Ground
9	NC	No connection
10	GND	Ground
11	NC	No connection
12	NC	No connection
13	SYNC/HD	Composite sync/ Horizontal sync
14	VD	Vertical sync
15	NC	No connection

OUTPUT VIDEO (PHONO jack)

Signal format: COMPOSITE
Signal level: 1 Vp-p
Impedance: 75 Ω

OUTPUT RGB/COMPONENT (HD D-sub 15-pin, female)

Signal format: RGB/COMPONENT
Signal level: Video signal 0.7 Vp-p
Sync signal 1 to 5 V
Impedance: Video signal 75 Ω
Sync signal 47 kΩ



– EXT VIEW –

Pin No.	Signal Name	Function
1	R/R-Y	Video red/R-Y
2	G/Y	Video green/Y
3	B/B-Y	Video blue/B-Y
4	GND	Ground
5	NC	No connection
6	GND	Ground
7	GND	Ground
8	GND	Ground
9	NC	No connection
10	GND	Ground
11	NC	No connection
12	NC	No connection
13	SYNC/HD	Composite sync/ Horizontal sync
14	VD	Vertical sync
15	NC	No connection

SPEAKERS CH-1/2

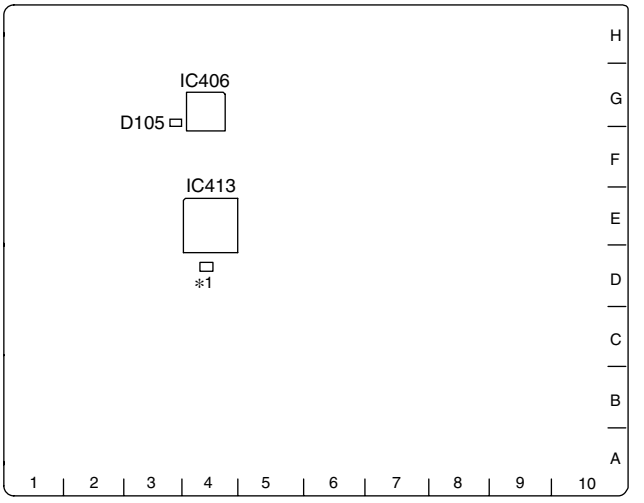
Maximum output: 90 W (4 Ω, 8 Ω) (JEITA)
Load impedance: 4 to 16 Ω

SPEAKERS CH-3/4

Maximum output: Low Imp. 90 W (4 Ω, 8 Ω) (JEITA)
70 V LINE 60 W (82 Ω)
Load impedance: Low Imp. 4 to 16 Ω
70 V LINE 82 to 10 kΩ

1-1-6. Functions of the On-board Switch and the LED

1. MAIN board



<LED>

D105 (G-3): CPU Status LED
The CPU (IC406) illuminates during normal operation.

<IC>

IC413, 71-pin (E-4): DSP status
71-pin repeats High-Low at 500 msec while the DSP (IC413) operates normally. It is useful to see the land indicated by an asterisk "∗1" to check the 71-pin.
(Refer to Section 6. "Board Layouts".)

2. REMOTE board

<Switch>

S1601 (A-1): firmware-update switch
Used to update the firmware.
A Technical Memo is issued when the firmware needs to be updated for such reason as a version upgrade.
(Refer to 1-6. "Notes on Replacing the MAIN Board".)

1-1-7. Rack Mounting

SRP-X500P can be mounted in a standard 19 inch rack. Use the following four screws to fix the rack mount bracket when the SRP-X500P is rack mounted.

Required parts

• Screws for rack mounting (BM5 × 12): 4 pcs

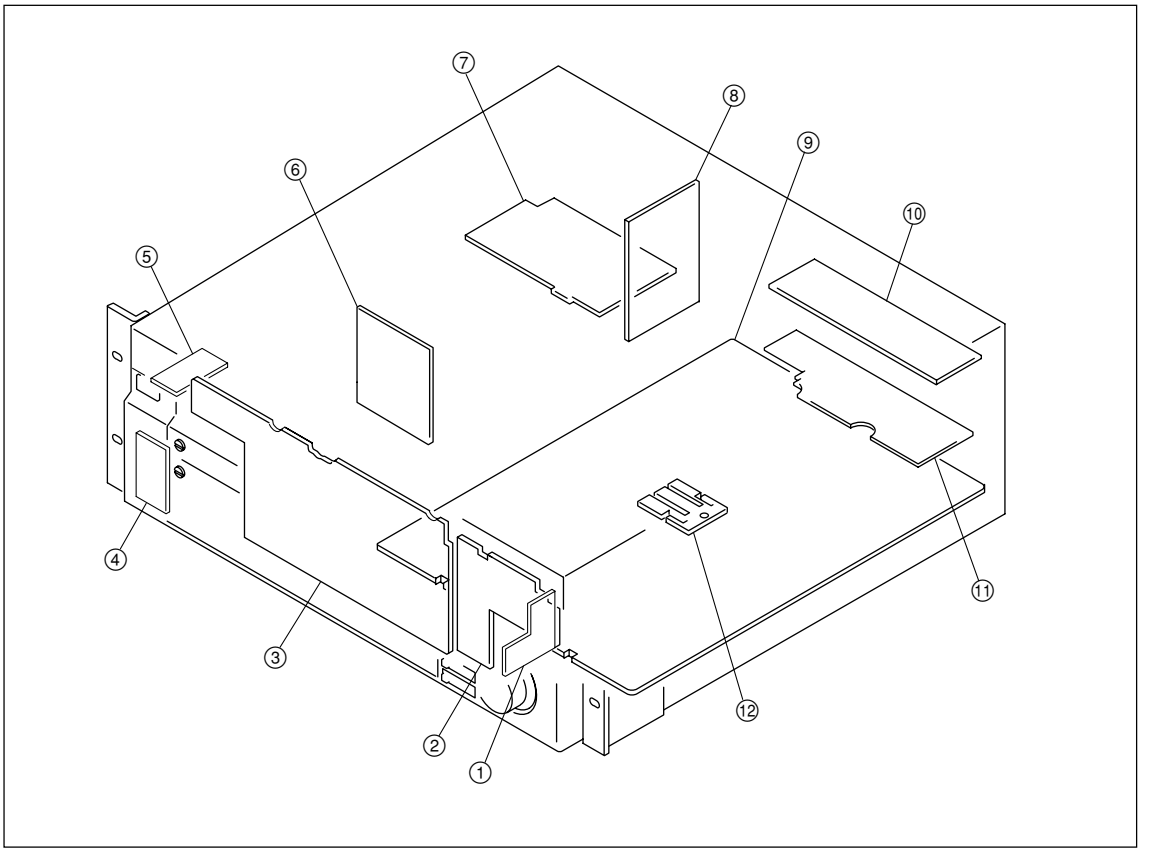
Cautions

1. If the SRP-X500P or a peripheral equipment is mounted in a 19 inch standard rack, keep following sufficient space around the SRP-X500P to prevent a temperature bring-up in the rack.
   • The right and left side of the unit each 4 cm or more
   • The rear of the unit 10 cm or more

   Make sure that all the units in the rack can be operated within the temperature of 35 °C or less.

2. It is recommended to fix the rack to the floor with bolts.

1-2. Locations of Main Parts



①	VR Board	Volume Controller Board
②	METER Board	Meter Board
③	FRONT Board	Front Panel Board
④	LED Board	LED Board
⑤	PSW Board	Power Switch Board
⑥	TUNER Board	Tuner Board
⑦	AC Board	Power Supply Board
⑧	SPK Board	Speaker Board
⑨	MAIN Board	Main Board
⑩	REMOTE Board	Remote Interface Board
⑪	VIDEO Board	Video Board
⑫	RETAINER V1 Board	Retainer Board

1-3. Removing the Cabinet

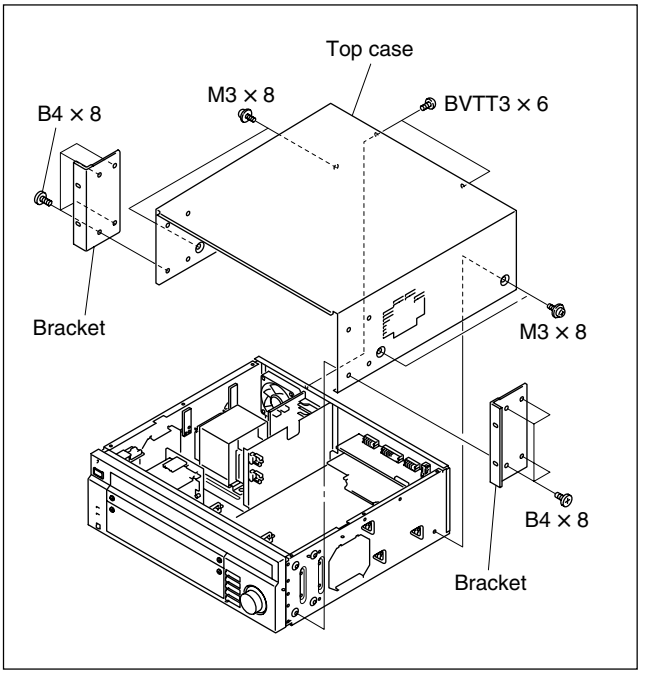
Note

Before starting the parts replacement, turn off the power and disconnect the plug from the AC inlet.

1-3-1. Top Case

Removal

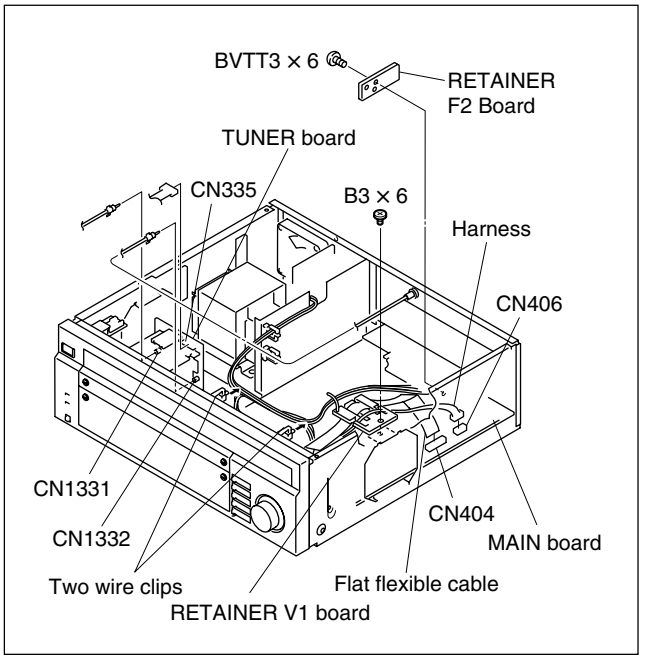
1. Remove the four screws (B4 × 8) and remove the bracket of left side.
2. Remove the four screws (B4 × 8) and remove the bracket of right side.
3. Remove the two screws (BVTT3 × 6) and four screws (M3 × 8) and remove the top case.



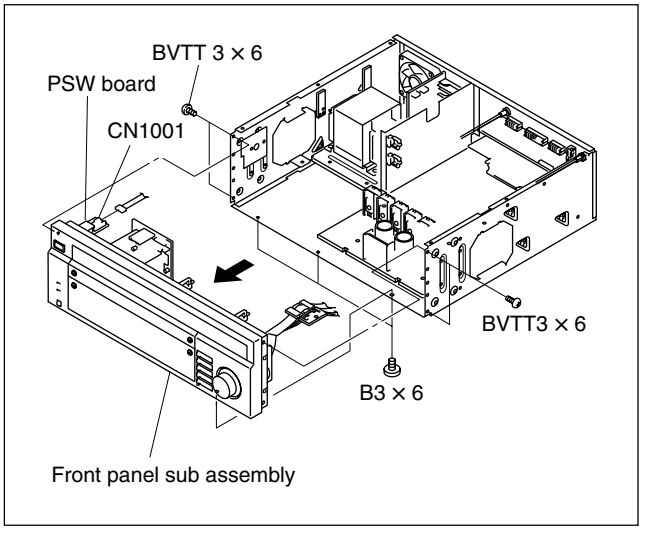
1-3-2. Front Panel Sub Assembly

Removal

1. Remove the screw (BVTT3 × 6) and remove the RETAINER F2 board.
2. Remove the screw (B × 6) and remove the RETAINER V1 board.
3. Disconnect the harnesses from the two wire clamps.
4. Disconnect the harness and flexible flat cable from the connectors (CN406 and CN404) on the MAIN board.
5. Disconnect the harness and coaxial cable from the connectors (CN335, CN1331 and CN1332) on the TUNER board.



6. Disconnect the harness from the connector (CN1001) on the PSW board.
7. Remove the four screws (BVTT3 × 6) and three screws (B3 × 6) and remove the front panel sub assembly.



1-4. Replacement of Main Parts

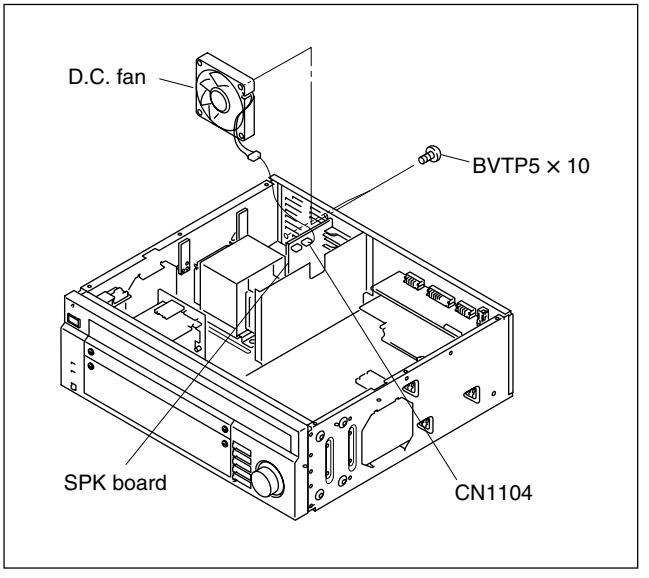
Note

Before starting the parts replacement, turn off the power and disconnect the power cord from the AC inlet.

1-4-1. D.C. Fan

Removal

1. Remove the top cover. (Refer to 1-3. “Removing the Cabinet”.)
2. Disconnect the harness from the connector (CN1104) on the SPK board.
3. Remove the two screws (BVTP5 × 10) and remove the D.C.fan.



1-4-2. Fuse Replacement

WARNING

The fuse is critical parts to safe operation.
Replace the components with Sony parts whose part number appear in the manual published by Sony. If the components are replaced by any parts other than the specified ones, this may cause a fire or electric shock.

CAUTION

If a fuse is replaced while the main power is kept on, this may cause electric shock.
Before replacing fuse, not only turn off the POWER switch but also remove the power cord that is connected to the AC IN connector.

The MAIN board is equipped with fuse.
Any an excessive current flow due to abnormality inside the equipment, the fuse blow. If a fuse blows, turn off the main power of the equipment once and inspect inside of the equipment and remove the cause of excessive current. After that, replace the fuse.

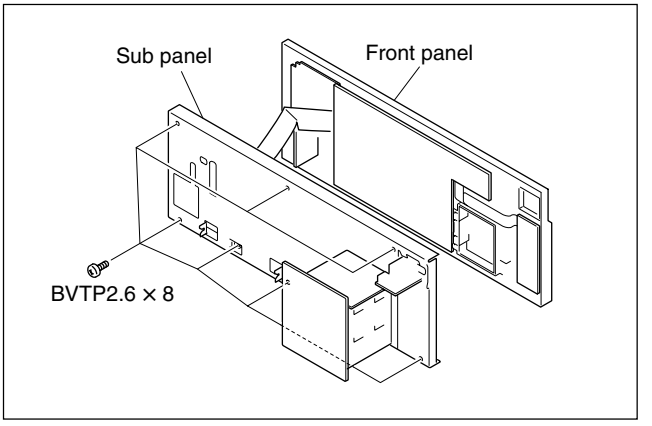
Board	Ref. No.	Description	Part No.
MAIN	F501, 502, 503 504, 505, 701, 702, 703, 704, 705	Fuse (1 A/125 V)	⚠1-533-998-11

1-5. Notes on Servicing

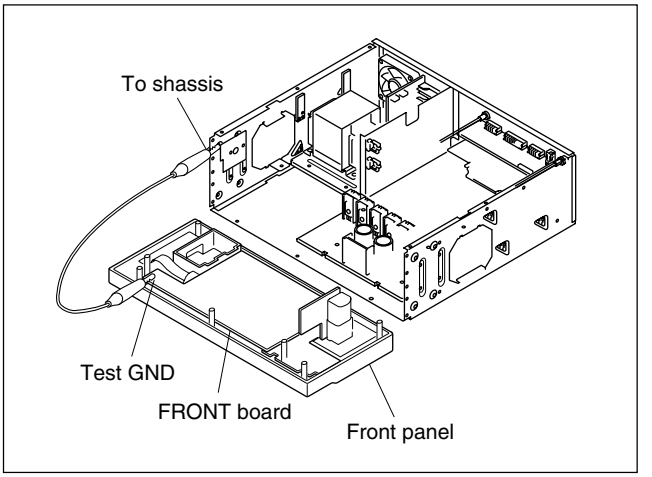
1-5-1. Notes on the Front Panel Block Servicing

Servicing to the FRONT board, LED board and METER board on the front panel block cannot be performed unless the sub-panel is removed. When the sub-panel is removed from the main chassis, the MAIN board is detached from the earth ground. If you turn on the power and perform servicing this situation, an unexpected malfunction may occur.
Follow the steps below to perform servicing while the power is on.

1. Turn off the power, and remove the top panel from the main unit. (Refer to 1-3. “Removing the Cabinet”.)
2. Remove the front panel sub assemble from the main unit. (Refer to 1-3. “Removing the Cabinet”.)
3. Remove the seven screws (BVTP2.6 × 8) and remove the sub-panel from the front panel.



4. Connect the test GND of the front panel with the main-unit chassis by an alligator clip or the like.



5. Turn on the power, and then check the front panel block.
6. After the check is complete, turn off the power, and fix the screws removed at step 1 to their original positions.

1-5-2. Notes on the MAIN Board Servicing

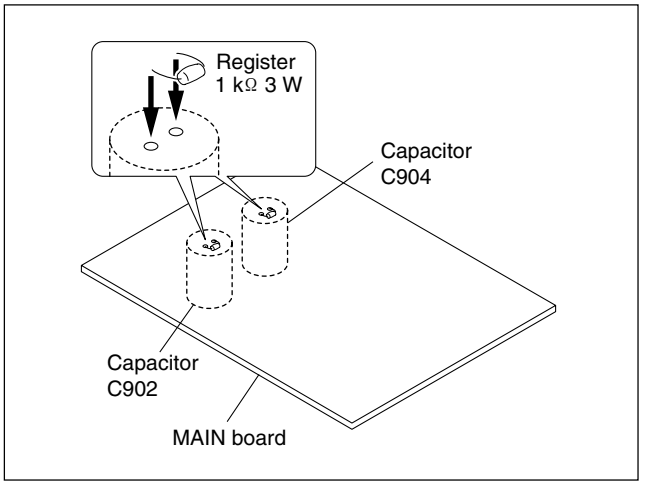
A high voltage for driving the power amplifier is applied to C902 and C904 on the MAIN board.
If you touch the circuit in the amplifier block, it may be destroyed. Discharge the amplifier to avoid such a risk.

Parts to prepare

Metal oxide film resistance (non-flammable) 1 kΩ/3 W (Part No. 1-215-869-xx)

Procedure

1. Place the 1 kΩ/3 W resistance for discharge between the + and − poles of C902, and between the + and − poles of C904, and wait for about one minute. You can start discharging from either position.
   Be careful that the temperature of the resistance rises to around 40 °C during this time.



2. Discharge is complete when the potential difference between the two poles drops to 3 V or less.
3. Check that the board works properly.

Note

C902 and C904 are charged every time the power is turned on. Discharge them every time before starting servicing.

1-6. Notes on Replacing the MAIN Board

When the MAIN board is replaced, the version of the software in the built-in memory of IC 406 (system controller) on the new MAIN board may differ the latest version for such a reason as bug fixes.
After replacing the MAIN board, check that the version of the software in the MAIN board is the latest one. To check that, refer to the technical note issued when a version is upgraded.
If there is no related technical note, the latest version is Ver.1.03.

If the software in the MAIN board is not the latest one, write the latest version of the software in the MAIN board. For how to write the software in the MAIN board, refer to the related Technical Memo.

After replacing the MAIN board or rewriting the software, be sure to factory-preset it. (Refer to 1-7. "Test Mode" for how to factory-presetting the software.)

1-7. Test Mode

This section describes the test mode of the SRP-X500P. The test mode has the following functions.

1. Factory-presetting the software
2. LED illumination test
3. Performance test for interfaces (Interface test mode)

After replacing the board or repairing it, perform a necessary test or tests.
When a malfunction is detected in the test mode, the possible cause is either the wiring is wrong, not established, or short-circuited.
See the checking paths, and troubleshoot it by using the block diagram or schematic diagrams. (Refer to Section 5. "Block Diagrams" and Section 7. "Schematic Diagrams")

Entering the test mode

(1) Set all the INPUT VOLUMEs and MASTER VOLUME to $-\infty$.
(2) While holding down the AV/RGB SELET E button, turn on the power.

Exiting the test mode

Turn off the power.

1. Factory-presetting the software

The following operation resets all the settings of software to the factory default settings.
In the test mode, press the AV/RGB SELECT A button and the MIC 1 FEED BACK REDUCER button simultaneously.
When all the LEDs turn off and then turn on again few seconds later, factory preset is complete.

2. LED illumination test

As soon as the test mode is activated, all the LEDs on the front panel illuminate.
On the PORJECTOR ON/STANDBY button, the red and green LEDs illuminate alternately.
The remote-controller emission LED (D1401 FRONT board) emits the AV/RGB SELECT A command.

Specification: All the LEDs should illuminate.
Check paths:

- D1401 (FRONT board) ↔ IC400 (MAIN board) ↔ IC406 (SYSTEM CONTROL/MAIN board)
- D1402 to 1423 (FRONT board) ↔ D1701, 1702, 1704 (LED board) ↔ IC1406 to 1407 (FRONT board) ↔ IC406 (SYSTEM CONTROL/MAIN board)
- D1503 to 1531, and 1541 (METER board) ↔ IC1501 to 1503 (METER board) ↔ IC406 (SYSTEM CONTROL/MAIN board)

3. Performance test for interfaces (Interface test mode)

In the interface test mode, the performance of the following connectors can be checked.

- PROJECTOR CONTROL CONTOROL S OUT connectors
- PROJECTOR CONTROL RS-232C connectors
- REMOTE PARALLEL connectors (INPUT)

Entering the interface mode

In the test mode, hold down the AV/RGB SELECT B button until all the LEDs except the AV/RGB SELECT B button turn off.

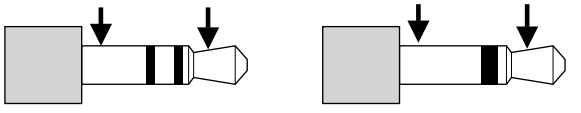
Exiting the interface mode

In test mode, hold down the AV/RGB SELECT B button until all the LEDs illuminate.

- **Checking the performance of the PROJECTOR CONTROL CONTOROL S OUT connector**

  Checking procedure:

  In the interface test mode, connect one end of the audio cable plug (mini plug ↔ mini plug) into the PROJECTOR CONTROL CONTOROL S OUT terminal. Measure the voltage of the other end of the plug at any point between the two points shown below with an oscilloscope.



Stereo plug Monaural plug

Specification:

Voltages of 0 V and 5 V should be output alternately at about 1.1-second cycle.

Check path:

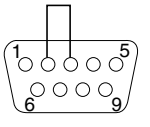
J1602 (REMOTE board) ↔ Q1601, 1603 (REMOTE board) ↔ IC406 (SYSTEM CONTROL/MAIN board)

- **Checking the performance of the PROJECTOR CONTROL RS-232C connector**

  Checking procedure:

  In the interface test mode, short-circuit pin #2 and pin #3 of the PROJECTOR CONTROL RS-232C terminal. This test is performed by connecting the connector wired as follows to the PROJECTOR CONTROL RS-232C connector.

  D-sub 9-pin (female)



– Wiring Side –

Specification:

The five LEDs of SPEAKER OUTPUT 4 on the front panel should illuminate.

Check path:

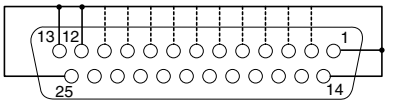
CN1602 (REMOTE board) ↔ IC1605 (REMOTE board) ↔ IC406 (SYSTEM CONTROL/MAIN board)

- **Checking the performance of the REMOTE PARALLEL terminal (INPUT)**

  Checking method:

  In the interface test mode, short-circuit the pins from #2 to #11 to the ground pins (#1, #12, #13, #14, and #25). This test is performed by connecting the connector wired as follows to the REMOTE PARALLEL connector (INPUT).

  D-sub 25-pin (male)



– Wiring Side –

Specification:

Among the 10 LEDs of SPEAKER OUTPUT 2 and 3 on the front panel, the number of the LEDs shown in the following table should be illuminated.

Short-circuited pin #	2	3	4	5	6	7	8	9	10	11
Number of the illuminated LEDs	1	2	3	4	5	6	7	8	9	10

Check path:

CN1604 (REMOTE board) ↔ IC1601, 1602 (REMOTE board) ↔ IC406 (SYSTEM CONTROL/MAIN board)

1-8. Unleaded Solder

Boards requiring use of unleaded solder are printed with a lead free mark (LF) indicating the solder contains no lead. (Caution: Some printed circuit boards may not come printed with the lead free mark due to their particular size.)

 : LEAD FREE MARK

Notes

- Be sure to use the unleaded solder for the printed circuit board printed with the lead free mark.
- The unleaded solder melts at a temperature about 40 °C higher than the ordinary solder, therefore, it is recommended to use the soldering iron having a temperature regulator.
- The ordinary soldering iron can be used but the iron tip has to be applied to the solder joint for a slightly longer time. The printed pattern (copper foil) may peel away if the heated tip is applied for too long, so be careful.

Section 2
Electrical Alignment

This section describes the adjustments of the following board required at maintenance or repair.

Board name	Adjustment items
MAIN board	Maximum output of the power amplifier
	Overvoltage detection circuit of the power amplifier

2-1. Preparation

Devices to be used

Name	Specification	Device name
Audio signal generator	Able to output a 1 kHz sign wave signal	–
Audio analyzer	Frequency range: 10 Hz to 110 kHz Able to measure the distortion ratio	Matsushita Electric VP-7722A or equivalent
Adjustable transformer	500 VA or more	–
Tester	–	–

Tools

Name	Part number	Remark
4 Ω dummy load	J-6407-110-A	
82 Ω dummy load	J-6407-120-A	

Default configuration of switches and controls

Switches and controls other than described below can be configured as desired.

Front panel

Input adjustment knob LINE: MAX

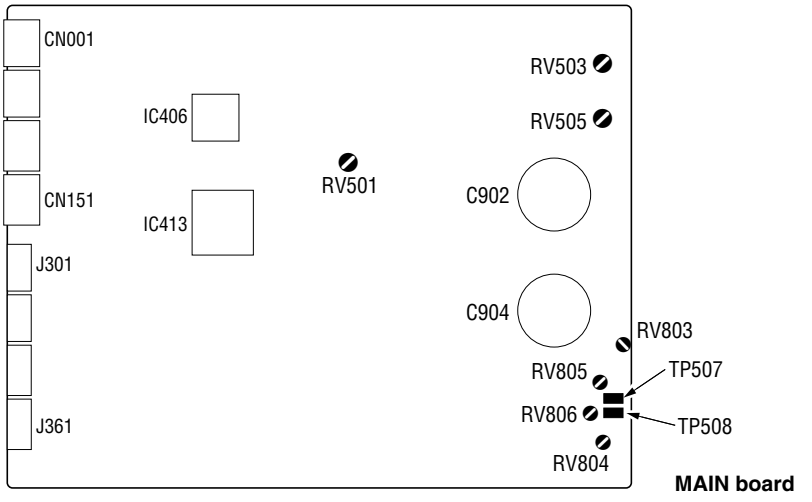
MASTER adjustment knob: About 0 dB

SYSTEM TYPE selection switch: "0"

TRIM knob: At 0 dBu (Rotate counter-clockwise to the end)

SPEAKERS OUT knob: 0 dB (Rotate clockwise to the end)

Adjusting parts



MAIN board

2-2. Maximum Output Adjustment of the Power Amplifier

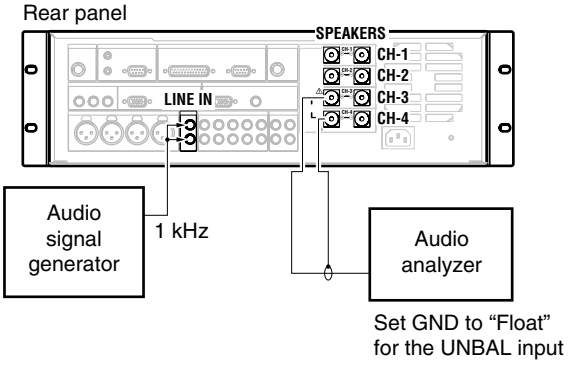
Adjust the power amplifier so that it outputs specified signals when connected to 70 V LINE (a high-impedance speaker of 82 Ω or more) and a 4 Ω load.

Devices and tools

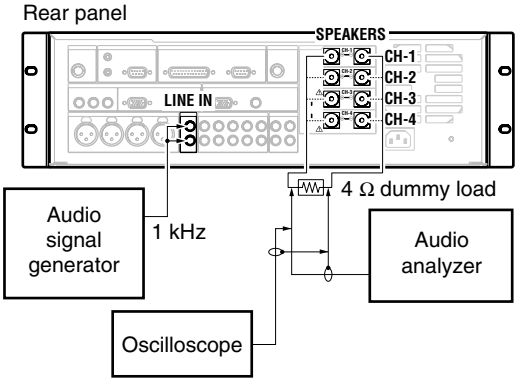
- Audio signal generator
- Audio analyzer VP-7722A or the equivalent
- Tester
- 4 Ω dummy load (J-6407-110-A)
- 82 Ω dummy load (J-6407-120-A)

Connection

- 70 V LINE adjustment



- 4 Ω load adjustment



Note on adjustment

Be sure to perform the "70 V LINE adjustment" first, and then move on to the "4 Ω load adjustment"

- Perform the 4 Ω load adjustment for one channel at a time.
- The heat protection circuit may start functioning during the 4 Ω load adjustment.
  In such a case, turn off the power to the main unit, and cool down the entire system before resuming the adjustment.

Procedure

Step 1: Preparation

Follow the steps below with the power turned off.

1. Remove the top cover. (Refer to Section 1-3-1.)
2. Rotate RV503, RV504, RV803, RV804, RV805, and RV806 on the MAIN board clockwise to the end.

STEP 2: 70 V LINE adjustment

1. Set the SYSTEM TYPE selection switch to "4".
2. Peripheral device connection
   Connect the audio analyzer between the SPEAKERS CH-3 positive + terminal and the CH-4 positive + terminal, and the audio signal generator to the LINE IN terminal. (Refer to the connection diagram.)
   Also, connect an oscilloscope between the TP507/ MAIN board and GND.
3. Turn on the power.
4. SPEAKER output level setting

(1) Temporarily set the output level of the audio signal generator to the following value.
   Output level: 1 kHz sine wave −3 dBu

(2) Fine-adjust the signal level of the audio signal generator so that the output level indicates the following value.
   Output level: 60 W (70 Vrms)

5. Variable resistor adjustment
   Standard: The oscillation level of the oscilloscope waveform should be minimized.
   Adjusting parts: ⊘RV803 (TP507)
   ⊘RV804 (TP508)
6. Turn off the power.
7. Change the connection of the oscilloscope to TP508, and perform adjustment of Steps 3 to 6 above.

STEP 3: 4 Ω load adjustment

1. Turn off the power.
2. Set the SYSTEM TYPE selection switch to "6".
3. Peripheral device connection
   Connect a 4 Ω dummy load between the positive + and negative − terminals of SPEAKERS CH-1, and audio signal generator to the LINE IN terminal.
   Connect the audio analyzer to the 4 Ω dummy load. (Refer to the connection diagram.)
   Also, connect the oscilloscope to the both sides of the 4 Ω dummy load.
4. Turn on the power.
5. SPEAKER output level setting

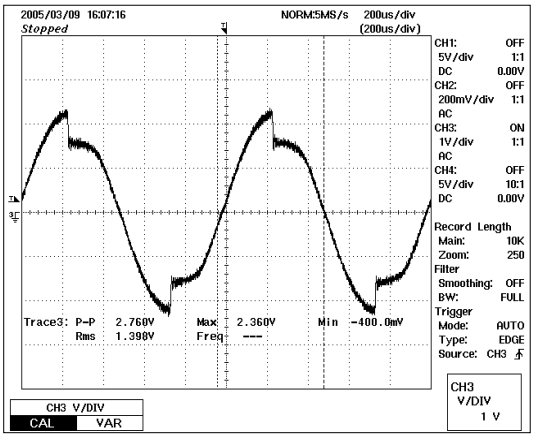
(1) Temporarily set the output level of the audio signal generator to the following value.
   Output level: 1 kHz sine wave −3 dBu

(2) Fine-adjust the signal level of the audio signal generator so that the output level indicates the value in the following figure.

	CH-1	CH-2	CH-3	CH-4
Output level at adjustment	105 W (20.5 Vrms)		60 W (15.5 Vrms)	

Check point: CLIP LED must be turned off.

6. Variable resistor adjustment
Adjust the variable resistor used exclusively for adjustment so that the upper portion or the lower portion of the oscilloscope's sine waveform becomes the one shown in Fig. 1. (Measurement condition of the audio analyzer: LPF20 kHz)



Standard: 1, Distortion ratio (T.H.D) = 5% to 10%
2, CLIP LED must be illuminating.
Adjusting parts:

	CH-1	CH-2	CH-3	CH-4
Adjusting parts:	RV503	RV504	RV805	RV806

7. Set the MASTER adjustment knob to −∞.
8. Performance check
Slowly increase the MASTER adjustment knob, and set the SPEAKER output level to the rated value. Measure the distortion at that time. (Measurement condition of the audio analyzer: LPF20 kHz)
Rated output level:

	CH-1	CH-2	CH-3	CH-4
Rated output level at checkup	90 W (19 Vrms)		50 W (14.2 Vrms)	

Standard: Distortion ratio (T.H.D) = 10% or less
9. Perform Steps 3 through 8 above for SPEAKERS CH-2, CH-3, and CH-4.

2-3. Overvoltage Detection Circuit Adjustment of the Power Amplifier

Adjust the overvoltage detection circuit of the power amplifier so that when an excessive voltage is input on the primary side, it does not surpass the maximum rated voltage of the power amplifier IC.

Devices to use

- Adjustable transformer
- Tester

Procedure

1. Turn off the power.
2. Adjustable transformer adjustment
Standard: Primary power voltage = 100% ±1%
3. Rotate RV501 clockwise to the end.
4. Turn on the power.
5. Adjustable transformer adjustment
Slowly increase the primary power voltage using the adjustable transformer, and adjust the voltage between Vpp and GND to become the following value.
Standard: Voltage between Vpp and GND = 68.5 V ±0.1 V
6. RV501 adjustment
Slowly rotate RV501 counter clockwise until PROTECTION LED illuminates.

Note

A click sound generated upon relay action inside the unit can be heard when PROTECTION LED illuminates.

7. Turn off the power.
8. Adjustable transformer adjustment
Standard: Primary power voltage = 100% ±1%
9. Turn on the power.
Check that PROTECTION LED is turned off.
10. Performance check
Slowly increase the primary power voltage using the adjustable transformer, and check the primary power voltage by which PROTECTION LED illuminates.
Standard: Primary power voltage = 115% or more

Note

When increasing the primary power voltage, the voltage between Vpp and GND must not exceed 71 V. Once it exceeds 71 V, power amplifier block may be broken.

Section 3
Spare Parts

3-1. Notes on Repair Parts

1. Safety Related Components Warning

WARNING

Components marked ⚠ are critical to safe operation. Therefore, specified parts should be used in the case of replacement.

2. Standardization of Parts

Some repair parts supplied by Sony differ from those used for the unit. These are because of parts commonality and improvement.
Parts list has the present standardized repair parts.

3. Stock of Parts

Parts marked with "o" at SP (Supply Code) column of the spare parts list may not be stocked. Therefore, the delivery date will be delayed.

4. Harness

Harnesses with no part number are not registered as spare parts.
In need of repair, get components shown in the list and repair using them.

3-1. 補修部品注意事項

1. 安全重要部品

⚠警告

⚠印のついた部品は安全性を維持するために重要な部品です。したがって，交換する時は必ず指定の部品を使ってください。

2. 部品の共通化

ソニーから供給する補修用部品は，セットに使われているものと異なることがあります。
これは部品の共通化，改良等によるものです。
部品表には現時点での共通化された補修用部品が記載されています。

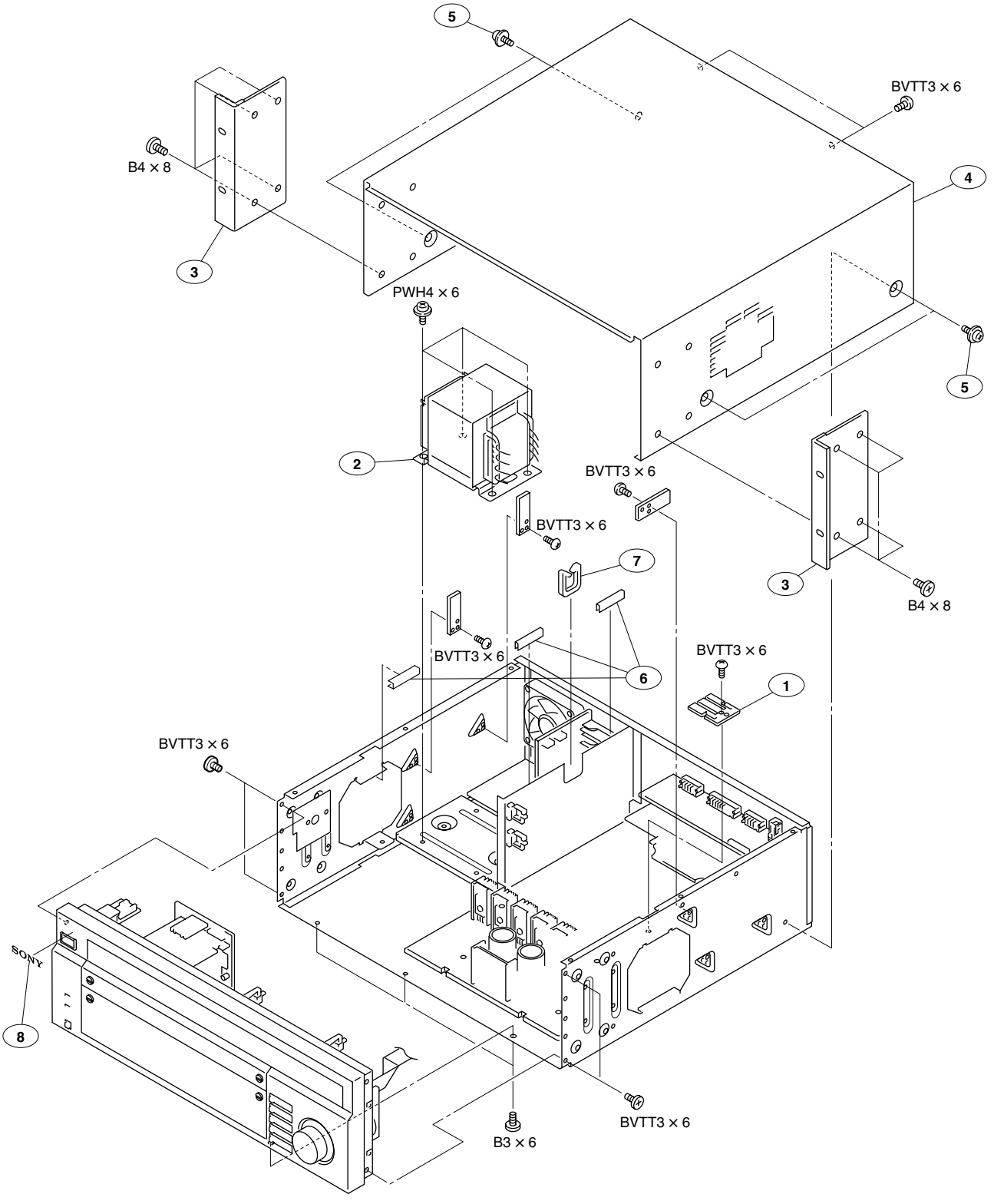
3. 部品の在庫

部品表のSP (Supply code) 欄に"o"で示される部品は在庫していないことがあり，納期が長くなることがあります。

4. ハーネス

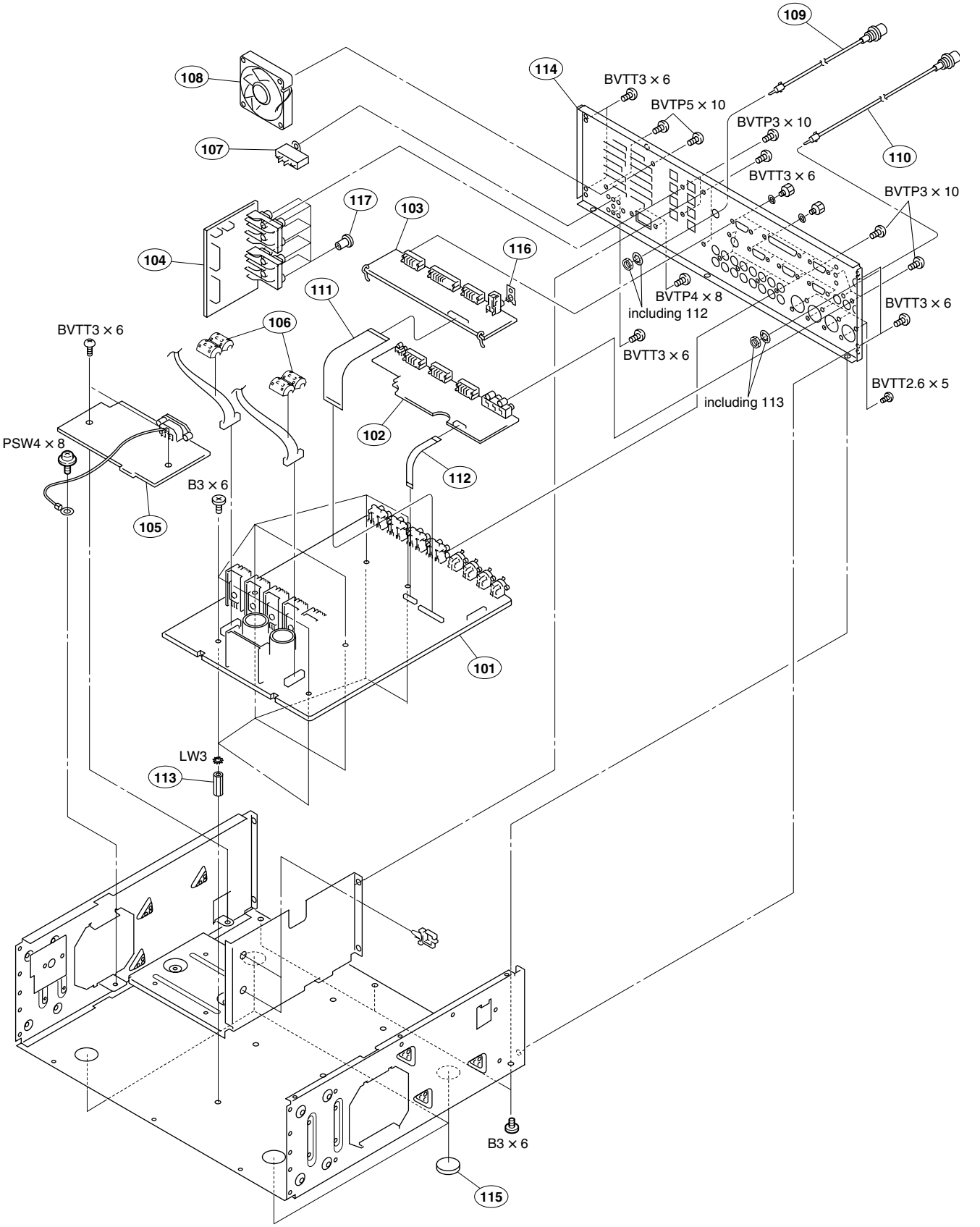
部品番号が記載されていないハーネスは，サービス部品として登録されていません。
これらは，リストに展開されているコンポーネント部品で補修してください。

3-2. Exploded Views



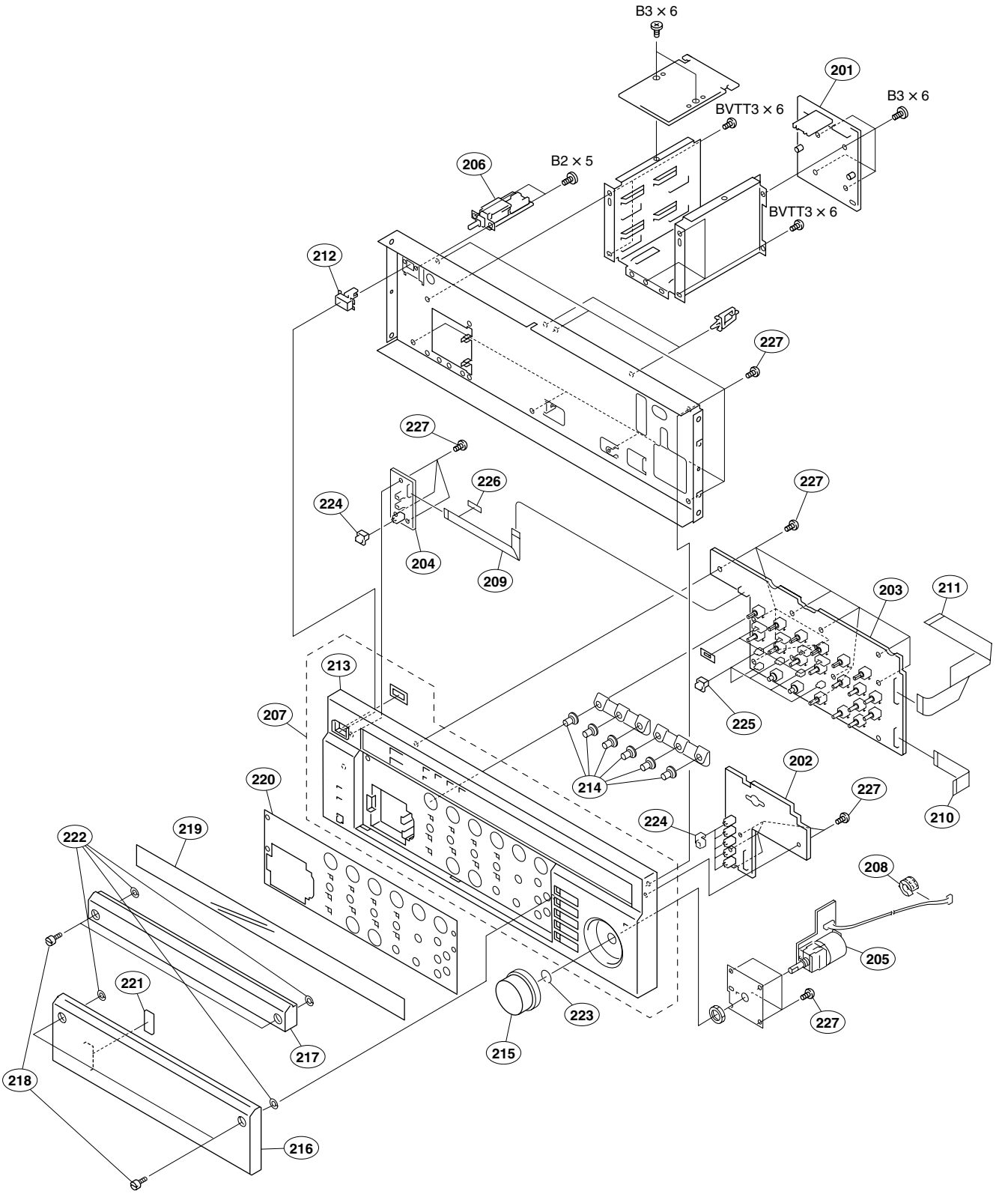
No.	Part No.	SP	Description
1	A-1107-848-A	s	MOUNTED CIRCUIT BOARD, RETAINER V1
2	⚠ 1-443-661-11	s	TRANSFORMER, POWER (for J)
	⚠ 1-443-662-11	s	TRANSFORMER, POWER (for UC)
	⚠ 1-443-663-11	s	TRANSFORMER, POWER (for CN)
	⚠ 1-443-664-11	s	TRANSFORMER, POWER (for CE)
3	2-547-750-01	s	MOUNTED C. BOARD, BRACKET (3U)
4	2-547-752-02	s	CASE, TOP
5	3-704-366-01	s	SCREW, CASE M3X8
6	3-831-441-99	s	CUSHION,SPEAKER GRILLE (FAB-NW)
7	4-708-065-01	o	HOLDER (EHS-18), EDGE
8	4-942-568-41	s	EMBLEM (N0.5), SONY
	7-685-871-09	s	SCREW, +BVTT 3X6
	7-682-547-09	s	SCREW, +B 3X6
	7-682-561-09	s	SCREW, +B 4X8
	7-682-904-01	s	SCREW, +PWH 4X6

Chassis


109
108
114
BVTT3 × 6
BVTP5 × 10
BVTP3 × 10
107
110
BVTT3 × 6
BVTP3 × 10
117
103
104
116
111
BVTP4 × 8
including 112
BVTT3 × 6
106
BVTT3 × 6
BVTT3 × 6
BVTT2.6 × 5
including 113
102
PSW4 × 8
112
B3 × 6
105
101
LW3
113
B3 × 6
115

No.	Part No.	SP	Description
101	A-1094-461-A	s	MOUNTED CIRCUIT BOARD, MAIN B
102	A-1094-463-A	s	MOUNTED CIRCUIT BOARD, VIDEO B
103	A-1094-465-A	s	MOUNTED CIRCUIT BOARD, REMOTE B
104	A-1094-475-A	s	MOUNTED CIRCUIT BOARD, SPK (for J/CE/CN)
	A-1113-082-A	s	MOUNTED CIRCUIT BOARD, SPK (for UC)
105	A-1094-477-A	s	MOUNTED CIRCUIT BOARD, AC
106	1-500-497-11	s	FILTER, CLAMP (FERRITE CORE)
107 ⚠	1-576-896-11	s	BREAKER, CIRCUIT (for J/UC)
⚠	1-533-856-11	s	BREAKER, CIRCUIT (for CE/CN)
108 ⚠	1-763-495-11	s	FAN (80 SQUARE), D. C.
109	1-824-351-11	s	CABLE, COAXIAL (BNC-MINI PIN)
110	1-824-351-21	s	CABLE, COAXIAL (BNC-MINI PIN)
111	1-830-468-11	s	CABLE,FLEXIBLE FLAT (30CORE)
112	1-830-470-11	s	CABLE,FLEXIBLE FLAT (9CORE)
113	2-280-622-41	o	SUPPORT (M3), HEXAGON
114	2-547-744-01	s	PANEL, BACK
115	4-248-134-01	s	FOOT
116	2-591-238-01	s	LABEL, CONDUCTIVE
117	4-251-297-01	s	PLUG, TERMINAL (for CE/UC/CN)
	7-623-422-07	s	WASHER LW 3 (TYPE 3)
	7-682-547-04	s	SCREW, +B 3X6
	7-682-547-09	s	SCREW, +B 3X6
	7-682-961-01	s	SCREW, +PSW 4X8
	7-685-647-79	s	SCREW, +BVTP 3X10
	7-685-659-79	s	SCREW, +BVTP 4X8
	7-685-671-19	s	SCREW, +BVTP 5X10
	7-685-861-09	s	SCREW, +BVTT 2.6X5
	7-685-871-09	s	SCREW, +BVTT 3X6

Panel


B3 × 6
201
B3 × 6
BVTT3 × 6
206
B2 × 5
BVTT3 × 6
212
227
227
226
224
204
209
227
203
211
213
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No.	Part No.	SP	Description
201	A-1094-467-A	s	MOUNTED CIRCUIT BOARD, TUNER B
202	A-1094-469-A	s	MOUNTED CIRCUIT BOARD, METER B
203	A-1094-473-A	s	MOUNTED CIRCUIT BOARD, FRONT
204	A-1094-474-A	s	MOUNTED CIRCUIT BOARD, LED
205	A-1094-476-A	s	MOUNTED CIRCUIT BOARD, VR
206	A-1094-686-A	s	MOUNTED CIRCUIT BOARD, PSW
207	X-2048-578-1	s	PANEL FRONT SUB ASSY
208	1-500-484-31	s	CLAMP, SLEEVE FERRITE
209	1-830-466-11	s	CABLE, FLEXIBLE FLAT (9CORE)
210	1-830-467-11	s	CABLE, FLEXIBLE FLAT (15CORE)
211	1-830-469-11	s	CABLE, FLEXIBLE FLAT (25CORE)
212	2-335-924-31	s	BUTTON
213	2-547-749-01	s	PANEL, FRONT
214	2-547-753-01	s	KNOB (SMALL)
215	2-547-754-01	s	KNOB (LARGE)
216	2-547-755-01	s	LID (LARGE)
217	2-547-756-01	s	LID (SMALL)
218	2-547-758-01	s	SCREW (M3), ORNAMENTAL
219	2-547-765-01	s	SHEET (B)
220	2-547-764-01	s	SHEET (A)
221	2-547-768-01	s	RUBBER, TUNNER
222	3-328-432-01	s	WASHER, STOPPER (PLA)
223	3-354-981-01	s	SPRING, RING (OTHERS) (ST)
224	3-624-750-01	s	KEYTOP (B)
225	3-624-750-11	s	KEYTOP (B)
226	3-831-441-99	s	CUSHION, SPEAKER GRILLE (FAB-NW)
227	3-087-053-01	s	+BVTP 2.6 (3CR)
	7-621-772-20	s	SCREW, +B 2X5
	7-682-547-04	s	SCREW, +B3X6
	7-685-871-09	s	SCREW, +BVTT 3X6

3-3. Electrical Parts List

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AC BOARD
--------
 Ref. No.
 or Q'ty  Part No.    SP Description

 1pc      A-1094-477-A s MOUNTED CIRCUIT BOARD, AC

 C1010  ⚠ 1-104-705-11 s CAPACITOR FILM 0.1MF/250VAC
 C1011  ⚠ 1-104-705-11 s CAPACITOR FILM 0.1MF/250VAC
 C1012  ⚠ 1-113-907-51 s CAPACITOR, CERAMIC 2200PF/250V
 C1013  ⚠ 1-113-907-51 s CAPACITOR, CERAMIC 2200PF/250V
 C1014  ⚠ 1-113-907-51 s CAPACITOR, CERAMIC 2200PF/250V

 CN1004 ⚠ 1-251-234-11 s INLET, AC
 CN1005 ⚠ 1-691-960-11 o PIN,CONNECTOR (PC BOARD) 3P

 EP1011   1-537-770-21 s TERMINAL BOARD, GROUND

 L1010  ⚠ 1-406-971-11 s COIL, CHOKE 10UH
 L1011  ⚠ 1-406-971-11 s COIL, CHOKE 10UH

 LF1010 ⚠ 1-424-648-11 s TRANSFORMER,LINE FILTER (LFT)

 R1001  ⚠ 1-243-843-91 s RES, METAL FILM (CHIP) 470K
 R1002  ⚠ 1-243-843-91 s RES, METAL FILM (CHIP) 470K
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FRONT BOARD
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 Ref. No.
 or Q'ty  Part No.    SP Description

 1pc      A-1094-473-A s MOUNTED CIRCUIT BOARD, FRONT

 C1401    1-124-589-11 s CAPACITOR,ELECT 47MF/16V
 C1402    1-107-826-11 s CAPACITOR,CHIP CERAMIC 0.1MF
 C1403    1-107-826-11 s CAPACITOR,CHIP CERAMIC 0.1MF
 C1404    1-107-826-11 s CAPACITOR,CHIP CERAMIC 0.1MF
 C1405    1-107-826-11 s CAPACITOR,CHIP CERAMIC 0.1MF

 C1406    1-107-826-11 s CAPACITOR,CHIP CERAMIC 0.1MF
 C1407    1-107-826-11 s CAPACITOR,CHIP CERAMIC 0.1MF
 C1408    1-107-826-11 s CAPACITOR,CHIP CERAMIC 0.1MF
 C1409    1-107-826-11 s CAPACITOR,CHIP CERAMIC 0.1MF
 C1410    1-107-826-11 s CAPACITOR,CHIP CERAMIC 0.1MF

 C1412    1-107-826-11 s CAPACITOR,CHIP CERAMIC 0.1MF
 C1413    1-107-826-11 s CAPACITOR,CHIP CERAMIC 0.1MF
 C1414    1-107-826-11 s CAPACITOR,CHIP CERAMIC 0.1MF
 C1415    1-107-826-11 s CAPACITOR,CHIP CERAMIC 0.1MF
 C1416    1-107-826-11 s CAPACITOR,CHIP CERAMIC 0.1MF

 C1417    1-107-826-11 s CAPACITOR,CHIP CERAMIC 0.1MF
 C1418    1-107-826-11 s CAPACITOR,CHIP CERAMIC 0.1MF
 C1419    1-107-826-11 s CAPACITOR,CHIP CERAMIC 0.1MF
 C1420    1-107-826-11 s CAPACITOR,CHIP CERAMIC 0.1MF
 C1421    1-107-826-11 s CAPACITOR,CHIP CERAMIC 0.1MF

 C1422    1-107-826-11 s CAPACITOR,CHIP CERAMIC 0.1MF
 C1423    1-107-826-11 s CAPACITOR,CHIP CERAMIC 0.1MF
 C1424    1-107-826-11 s CAPACITOR,CHIP CERAMIC 0.1MF
 C1425    1-107-826-11 s CAPACITOR,CHIP CERAMIC 0.1MF
 C1426    1-107-826-11 s CAPACITOR,CHIP CERAMIC 0.1MF

 C1427    1-107-826-11 s CAPACITOR,CHIP CERAMIC 0.1MF
 C1428    1-124-589-11 s CAPACITOR,ELECT 47MF/16V
 C1429    1-162-964-11 s CAPACITOR,CERAMIC 1000PF/50V B
 C1430    1-107-826-11 s CAPACITOR,CHIP CERAMIC 0.1MF
 C1431    1-107-826-11 s CAPACITOR,CHIP CERAMIC 0.1MF

 C1432    1-162-964-11 s CAPACITOR,CERAMIC 1000PF/50V B
 C1433    1-124-589-11 s CAPACITOR,ELECT 47MF/16V
 C1434    1-124-589-11 s CAPACITOR,ELECT 47MF/16V
 C1435    1-124-589-11 s CAPACITOR,ELECT 47MF/16V
 C1436    1-107-826-11 s CAPACITOR,CHIP CERAMIC 0.1MF

 C1437    1-107-826-11 s CAPACITOR,CHIP CERAMIC 0.1MF

 CN1401   1-784-731-11 s CONNECTOR, FFC 9P
 CN1402   1-779-562-11 s CONNECTOR,FFC(LIF(NON-ZIF))25P
 CN1403   1-784-737-11 s CONNECTOR, FFC 15P

 D1401    8-719-058-59 s LED SID303C
 D1402    8-719-046-43 s LED SEL5421E-TH15
 D1403    8-719-046-43 s LED SEL5421E-TH15
 D1404    8-719-081-80 s DIODE SEL5823A-D2D3-TP15
 D1405    8-719-081-80 s DIODE SEL5823A-D2D3-TP15

 D1406    8-719-046-43 s LED SEL5421E-TH15
 D1407    8-719-046-43 s LED SEL5421E-TH15
 D1408    8-719-081-80 s DIODE SEL5823A-D2D3-TP15
 D1409    8-719-081-80 s DIODE SEL5823A-D2D3-TP15
 D1410    8-719-046-43 s LED SEL5421E-TH15

 D1411    8-719-081-80 s DIODE SEL5823A-D2D3-TP15
 D1412    8-719-046-43 s LED SEL5421E-TH15
 D1413    8-719-081-80 s DIODE SEL5823A-D2D3-TP15
 D1414    8-719-046-43 s LED SEL5421E-TH15
 D1415    8-719-081-80 s DIODE SEL5823A-D2D3-TP15

 D1416    8-719-046-43 s LED SEL5421E-TH15
 D1417    8-719-081-80 s DIODE SEL5823A-D2D3-TP15
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(FRONT BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
D1418	8-719-046-43	s	LED SEL5421E-TH15
D1419	8-719-046-43	s	LED SEL5421E-TH15
D1420	8-719-046-43	s	LED SEL5421E-TH15
D1421	8-719-046-43	s	LED SEL5421E-TH15
D1422	8-719-046-43	s	LED SEL5421E-TH15
D1423	8-719-302-75	s	LED SEL2210W-D
IC1401	6-600-349-21	s	IC NJL23H400A
IC1402	8-759-058-54	s	IC TC7S00FU-TE85R
IC1403	8-759-011-64	s	IC MC74HC4052F
IC1404	8-759-011-64	s	IC MC74HC4052F
IC1405	8-759-011-64	s	IC MC74HC4052F
IC1406	8-759-396-78	s	IC BU2092F-E2
IC1407	8-759-396-78	s	IC BU2092F-E2
IC1408	8-759-548-66	s	IC SN74LV138ANSR
Q1401	8-729-922-18	s	TRANSISTOR 2SD1949-T106-Q
Q1402	8-729-027-43	s	TRANSISTOR DTC114EKA-T146
R1401	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608
R1402	1-216-811-11	s	RESISTOR, CHIP 150 1/10W(1608)
R1403	1-216-811-11	s	RESISTOR, CHIP 150 1/10W(1608)
R1404	1-216-811-11	s	RESISTOR, CHIP 150 1/10W(1608)
R1405	1-216-811-11	s	RESISTOR, CHIP 150 1/10W(1608)
R1406	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R1407	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1408	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1409	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1410	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1411	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1412	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1413	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1414	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1415	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1416	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1417	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1418	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1419	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R1420	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R1421	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R1422	1-216-836-11	s	RESISTOR, CHIP 18K 1/10W 1608
R1423	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1424	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1425	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1426	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1427	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1428	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1429	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1430	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1431	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1432	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1433	1-218-867-11	s	RESISTOR,CHIP 6.8K 1/10W(1608)
R1434	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R1435	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R1436	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R1437	1-218-823-11	s	RESISTOR,CHIP 100 1/10W (1608)
R1438	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R1439	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R1440	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R1441	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)

(FRONT BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R1442	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R1443	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R1444	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R1445	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R1446	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1447	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1448	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1449	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1450	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1451	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1452	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R1453	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R1454	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R1455	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R1456	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R1457	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R1458	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R1459	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R1460	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/10W 1608
R1461	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R1462	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R1463	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R1464	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1465	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1466	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1467	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1468	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1469	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1470	1-218-823-11	s	RESISTOR,CHIP 100 1/10W (1608)
R1471	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R1472	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R1473	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R1474	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R1475	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1476	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1477	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1478	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1479	1-218-823-11	s	RESISTOR,CHIP 100 1/10W (1608)
R1480	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R1481	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1482	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1483	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1484	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1485	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R1486	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R1487	1-216-817-11	s	RESISTOR,CHIP 470 1/10W 1608
R1489	1-216-815-11	s	RESISTOR,CHIP 330 1/10W 1608
RV1401	1-237-979-11	s	RESISTOR, VAR, CARBON 10K
RV1402	1-237-696-11	s	RESISTOR,VAR,CARBON 5K
RV1403	1-237-979-11	s	RESISTOR, VAR, CARBON 10K
RV1404	1-237-696-11	s	RESISTOR,VAR,CARBON 5K
RV1405	1-237-979-11	s	RESISTOR, VAR, CARBON 10K
RV1406	1-237-696-11	s	RESISTOR,VAR,CARBON 5K
RV1407	1-237-696-11	s	RESISTOR,VAR,CARBON 5K
RV1408	1-237-979-11	s	RESISTOR, VAR, CARBON 10K
RV1409	1-237-696-11	s	RESISTOR,VAR,CARBON 5K
RV1410	1-237-696-11	s	RESISTOR,VAR,CARBON 5K
RV1411	1-237-979-11	s	RESISTOR, VAR, CARBON 10K

(FRONT BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
RV1412	1-237-696-11	s	RESISTOR,VAR,CARBON 5K
RV1413	1-237-696-11	s	RESISTOR,VAR,CARBON 5K
RV1414	1-237-696-11	s	RESISTOR,VAR,CARBON 5K
RV1415	1-237-696-11	s	RESISTOR,VAR,CARBON 5K
RV1416	1-237-696-11	s	RESISTOR,VAR,CARBON 5K
RV1417	1-237-696-11	s	RESISTOR,VAR,CARBON 5K
RV1418	1-237-979-11	s	RESISTOR, VAR, CARBON 10K
S1401	1-571-427-11	s	SWITCH,SLIDE (1-1-2)
S1402	1-572-471-11	s	SWITCH,PUSH
S1403	1-572-471-11	s	SWITCH,PUSH
S1404	1-571-427-11	s	SWITCH,SLIDE (1-1-2)
S1405	1-572-471-11	s	SWITCH,PUSH
S1406	1-771-797-11	s	SWITCH, ROTARY
S1407	1-571-427-11	s	SWITCH,SLIDE (1-1-2)
S1408	1-572-471-11	s	SWITCH,PUSH
S1409	1-771-797-11	s	SWITCH, ROTARY
S1410	1-571-427-11	s	SWITCH,SLIDE (1-1-2)
S1411	1-572-471-11	s	SWITCH,PUSH

LED BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1094-474-A	s	MOUNTED CIRCUIT BOARD, LED
CN1701	1-784-731-11	s	CONNECTOR, FFC 9P
D1701	8-719-056-10	s	LED SML72420C-TP4
D1702	8-719-313-43	s	LED SEL2210S-TH10
D1704	8-719-301-42	s	DIODE SEL2410E
Q1701	8-729-027-23	s	TRANSISTOR DTA114EKA-T146
Q1702	8-729-027-23	s	TRANSISTOR DTA114EKA-T146
R1701	1-216-820-11	s	RESISTOR, CHIP 820 1/10W 1608
R1702	1-216-820-11	s	RESISTOR, CHIP 820 1/10W 1608
R1705	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1706	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1707	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1708	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1709	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1710	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
S1701	1-771-908-11	s	SWITCH, TACTILE

MAIN B BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1094-461-A	s	MOUNTED CIRCUIT BOARD, MAIN B
1pc	3-691-950-01	o	SPACER, P.C.B
7pcs	7-685-646-79	s	SCREW +BVTP 3X8
8pcs	2-547-763-01	s	SHEET, INSULATING
8pcs	7-683-405-04	s	BOLT,HEXAGON SOCKET3X10(STEEL)
C001	1-164-816-11	s	CAPACITOR,CERAMIC 220PF/50V CH
C002	1-164-816-11	s	CAPACITOR,CERAMIC 220PF/50V CH
C003	1-164-816-11	s	CAPACITOR,CERAMIC 220PF/50V CH
C004	1-164-816-11	s	CAPACITOR,CERAMIC 220PF/50V CH
C005	1-128-582-11	s	CAPACITOR,ELECT 10MF/100V
C006	1-128-582-11	s	CAPACITOR,ELECT 10MF/100V
C007	1-162-966-11	s	CAPACITOR,CERAMIC 2200PF/50V B
C008	1-128-553-11	s	CAPACITOR,ELECT 220MF/63V
C009	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C010	1-162-966-11	s	CAPACITOR,CERAMIC 2200PF/50V B
C011	1-128-391-11	s	CAPACITOR,ELECT 330MF/6.3V
C012	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
C013	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
C014	1-128-996-11	s	CAPACITOR, ELECT 4.7MF50V
C033	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C034	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C051	1-164-816-11	s	CAPACITOR,CERAMIC 220PF/50V CH
C052	1-164-816-11	s	CAPACITOR,CERAMIC 220PF/50V CH
C053	1-164-816-11	s	CAPACITOR,CERAMIC 220PF/50V CH
C054	1-164-816-11	s	CAPACITOR,CERAMIC 220PF/50V CH
C055	1-128-582-11	s	CAPACITOR,ELECT 10MF/100V
C056	1-128-582-11	s	CAPACITOR,ELECT 10MF/100V
C057	1-162-966-11	s	CAPACITOR,CERAMIC 2200PF/50V B
C058	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C059	1-162-966-11	s	CAPACITOR,CERAMIC 2200PF/50V B
C060	1-128-391-11	s	CAPACITOR,ELECT 330MF/6.3V
C061	1-128-996-11	s	CAPACITOR, ELECT 4.7MF50V
C101	1-164-816-11	s	CAPACITOR,CERAMIC 220PF/50V CH
C102	1-164-816-11	s	CAPACITOR,CERAMIC 220PF/50V CH
C103	1-164-816-11	s	CAPACITOR,CERAMIC 220PF/50V CH
C104	1-164-816-11	s	CAPACITOR,CERAMIC 220PF/50V CH
C105	1-128-582-11	s	CAPACITOR,ELECT 10MF/100V
C106	1-128-582-11	s	CAPACITOR,ELECT 10MF/100V
C107	1-162-966-11	s	CAPACITOR,CERAMIC 2200PF/50V B
C108	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C109	1-162-966-11	s	CAPACITOR,CERAMIC 2200PF/50V B
C110	1-128-391-11	s	CAPACITOR,ELECT 330MF/6.3V
C111	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
C112	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
C113	1-128-996-11	s	CAPACITOR, ELECT 4.7MF50V
C151	1-164-816-11	s	CAPACITOR,CERAMIC 220PF/50V CH
C152	1-164-816-11	s	CAPACITOR,CERAMIC 220PF/50V CH
C153	1-164-816-11	s	CAPACITOR,CERAMIC 220PF/50V CH
C154	1-164-816-11	s	CAPACITOR,CERAMIC 220PF/50V CH
C155	1-128-582-11	s	CAPACITOR,ELECT 10MF/100V
C156	1-128-582-11	s	CAPACITOR,ELECT 10MF/100V
C157	1-162-966-11	s	CAPACITOR,CERAMIC 2200PF/50V B
C158	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C159	1-162-966-11	s	CAPACITOR,CERAMIC 2200PF/50V B
C160	1-128-391-11	s	CAPACITOR,ELECT 330MF/6.3V
C161	1-128-996-11	s	CAPACITOR, ELECT 4.7MF50V
C201	1-128-996-11	s	CAPACITOR, ELECT 4.7MF50V
C202	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C203	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V

(MAIN B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C204	1-128-996-11	s	CAPACITOR, ELECT 4.7MF50V
C205	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C206	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C207	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C209	1-126-601-11	s	CAPACITOR,ELECT 2.2MF/50V
C210	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C211	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C212	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C221	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C222	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C223	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C224	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C225	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C227	1-126-601-11	s	CAPACITOR,ELECT 2.2MF/50V
C228	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C229	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C230	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C251	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C252	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C253	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C254	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C255	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C256	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C301	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C302	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C303	1-126-395-11	s	CAPACITOR,ELECT 22MF/16V(CHIP)
C304	1-126-395-11	s	CAPACITOR,ELECT 22MF/16V(CHIP)
C305	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C306	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C307	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
C308	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
C309	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C310	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C311	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C312	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C313	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C314	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C315	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C316	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C321	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C322	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C323	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C324	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C325	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C326	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C327	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C328	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C329	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C330	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C331	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C332	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C333	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C334	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C335	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C336	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C337	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C338	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C339	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C340	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V

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Ref. No. or Q'ty	Part No.	SP	Description
C341	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C342	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C343	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C344	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C345	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C347	1-126-601-11	s	CAPACITOR,ELECT 2.2MF/50V
C348	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C349	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C350	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C351	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C352	1-162-928-11	s	CAPACITOR,CERAMIC 120PF/50V CH
C353	1-162-928-11	s	CAPACITOR,CERAMIC 120PF/50V CH
C354	1-115-670-11	s	CAPACITOR ELECT 220MF/35V(CHIP
C355	1-126-395-11	s	CAPACITOR,ELECT 22MF/16V(CHIP)
C356	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C361	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C362	1-162-928-11	s	CAPACITOR,CERAMIC 120PF/50V CH
C363	1-162-928-11	s	CAPACITOR,CERAMIC 120PF/50V CH
C364	1-115-670-11	s	CAPACITOR ELECT 220MF/35V(CHIP
C365	1-126-395-11	s	CAPACITOR,ELECT 22MF/16V(CHIP)
C366	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C371	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C372	1-162-928-11	s	CAPACITOR,CERAMIC 120PF/50V CH
C373	1-162-928-11	s	CAPACITOR,CERAMIC 120PF/50V CH
C374	1-115-670-11	s	CAPACITOR ELECT 220MF/35V(CHIP
C375	1-126-395-11	s	CAPACITOR,ELECT 22MF/16V(CHIP)
C376	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C381	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C382	1-162-928-11	s	CAPACITOR,CERAMIC 120PF/50V CH
C383	1-162-928-11	s	CAPACITOR,CERAMIC 120PF/50V CH
C384	1-115-670-11	s	CAPACITOR ELECT 220MF/35V(CHIP
C385	1-126-395-11	s	CAPACITOR,ELECT 22MF/16V(CHIP)
C386	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C387	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C391	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C392	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C393	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C394	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C395	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C396	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C397	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C398	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C399	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C400	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C401	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C402	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C403	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C404	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C405	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C406	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C407	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C408	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C409	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C410	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C411	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C412	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C413	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C414	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C415	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF

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Ref. No. or Q'ty	Part No.	SP	Description
C416	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C417	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C418	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C419	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C420	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C421	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C422	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C423	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C425	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C426	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C427	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C428	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C431	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C432	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C433	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C434	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C436	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C443	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C445	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C446	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C447	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C448	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C449	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C450	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C454	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C455	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C456	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C457	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C458	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C459	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C460	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C461	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C462	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C464	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C465	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C466	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C467	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C469	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C470	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C471	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C472	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C473	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C474	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C475	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C476	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C477	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C478	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C479	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C480	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C481	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C482	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C483	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C484	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C486	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C487	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C488	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C489	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C490	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C491	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF

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Ref. No. or Q'ty	Part No.	SP	Description
C492	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C493	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C494	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C495	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C496	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C497	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C501	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C502	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C503	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C504	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C505	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C506	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C507	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C509	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C510	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C511	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C512	1-164-217-11	s	CAPACITOR,CERAMIC 150PF/50V CH
C513	1-164-217-11	s	CAPACITOR,CERAMIC 150PF/50V CH
C514	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
C515	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
C516	1-164-217-11	s	CAPACITOR,CERAMIC 150PF/50V CH
C517	1-164-217-11	s	CAPACITOR,CERAMIC 150PF/50V CH
C518	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C519	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C520	1-126-601-11	s	CAPACITOR,ELECT 2.2MF/50V
C521	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C522	1-126-601-11	s	CAPACITOR,ELECT 2.2MF/50V
C523	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH
C524	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C525	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH
C526	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C527	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C528	1-115-154-11	s	CAPACITOR ELECT 10MF/16V(BP)
C529	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C530	1-162-926-11	s	CAPACITOR,CERAMIC 82PF/50V CH
C531	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C532	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C533	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C534	1-164-816-11	s	CAPACITOR,CERAMIC 220PF/50V CH
C535	1-115-154-11	s	CAPACITOR ELECT 10MF/16V(BP)
C536	1-115-154-11	s	CAPACITOR ELECT 10MF/16V(BP)
C537	1-162-959-11	s	CAPACITOR,CERAMIC 330PF/50V SL
C538	1-164-816-11	s	CAPACITOR,CERAMIC 220PF/50V CH
C539	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C540	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C541	1-115-154-11	s	CAPACITOR ELECT 10MF/16V(BP)
C542	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C543	1-128-403-11	s	CAPACITOR,ELECT 47MF/35V(CHIP)
C544	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C545	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C546	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C547	1-128-403-11	s	CAPACITOR,ELECT 47MF/35V(CHIP)
C548	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C549	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
C550	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
C551	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C552	1-136-189-00	s	CAPACITOR,FILM 0.1MF/250V
C553	1-136-189-00	s	CAPACITOR,FILM 0.1MF/250V
C554	1-100-153-91	s	CAPACITOR,CHIP CERAMIC 220PF

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Ref. No. or Q'ty	Part No.	SP	Description
C555	1-100-153-91	s	CAPACITOR,CHIP CERAMIC 220PF
C556	1-100-153-91	s	CAPACITOR,CHIP CERAMIC 220PF
C557	1-100-153-91	s	CAPACITOR,CHIP CERAMIC 220PF
C558	1-127-711-91	s	CAPACITOR, ELECT 47MF/250V
C559	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C560	1-127-711-91	s	CAPACITOR, ELECT 47MF/250V
C561	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
C562	1-104-503-12	s	CAPACITOR CERAMIC 0.1MF/100V
C563	1-104-503-12	s	CAPACITOR CERAMIC 0.1MF/100V
C564	1-104-503-12	s	CAPACITOR CERAMIC 0.1MF/100V
C565	1-130-785-11	s	CAPACITOR FILM 0.47MF/100V
C566	1-130-785-11	s	CAPACITOR FILM 0.47MF/100V
C567	1-104-503-12	s	CAPACITOR CERAMIC 0.1MF/100V
C568	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
C569	1-130-777-00	s	CAPACITOR FILM 0.1MF/100V
C570	1-130-777-00	s	CAPACITOR FILM 0.1MF/100V
C571	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C572	1-128-391-11	s	CAPACITOR,ELECT 330MF/6.3V
C573	1-111-167-11	s	CAPACITOR ELECT 100MF/100V
C574	1-111-167-11	s	CAPACITOR ELECT 100MF/100V
C575	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C576	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C577	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C578	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C579	1-126-924-11	s	CAPACITOR,ELECT 330MF/10V
C580	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C581	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C582	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C583	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C585	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C586	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C587	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C588	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C589	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C590	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C592	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C593	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C594	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C709	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C710	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C711	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C712	1-164-217-11	s	CAPACITOR,CERAMIC 150PF/50V CH
C713	1-164-217-11	s	CAPACITOR,CERAMIC 150PF/50V CH
C714	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
C715	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
C716	1-164-217-11	s	CAPACITOR,CERAMIC 150PF/50V CH
C717	1-164-217-11	s	CAPACITOR,CERAMIC 150PF/50V CH
C718	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C719	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C720	1-126-601-11	s	CAPACITOR,ELECT 2.2MF/50V
C721	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C722	1-126-601-11	s	CAPACITOR,ELECT 2.2MF/50V
C723	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH
C724	1-162-968-11	s	CAPACITOR,CERAMIC 4700PF/50V B
C725	1-162-921-11	s	CAPACITOR,CERAMIC 33PF/50V CH
C726	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C727	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C728	1-115-154-11	s	CAPACITOR ELECT 10MF/16V(BP)
C729	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF

(MAIN B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C730	1-164-392-11	s	CAPACITOR CERAMIC 390PF/50V CH
C732	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C733	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C734	1-164-816-11	s	CAPACITOR,CERAMIC 220PF/50V CH
C735	1-115-154-11	s	CAPACITOR ELECT 10MF/16V(BP)
C736	1-115-154-11	s	CAPACITOR ELECT 10MF/16V(BP)
C737	1-164-218-11	s	CAPACITOR,CERAMIC 180PF/50V CH
C738	1-164-816-11	s	CAPACITOR,CERAMIC 220PF/50V CH
C739	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C740	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C741	1-115-154-11	s	CAPACITOR ELECT 10MF/16V(BP)
C742	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C743	1-128-403-11	s	CAPACITOR,ELECT 47MF/35V(CHIP)
C744	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C745	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C746	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C747	1-128-403-11	s	CAPACITOR,ELECT 47MF/35V(CHIP)
C748	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C749	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
C750	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
C751	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C752	1-136-189-00	s	CAPACITOR,FILM 0.1MF/250V
C753	1-136-189-00	s	CAPACITOR,FILM 0.1MF/250V
C754	1-100-153-91	s	CAPACITOR,CHIP CERAMIC 220PF
C755	1-100-153-91	s	CAPACITOR,CHIP CERAMIC 220PF
C756	1-100-153-91	s	CAPACITOR,CHIP CERAMIC 220PF
C757	1-100-153-91	s	CAPACITOR,CHIP CERAMIC 220PF
C758	1-127-711-91	s	CAPACITOR, ELECT 47MF/250V
C760	1-127-711-91	s	CAPACITOR, ELECT 47MF/250V
C762	1-104-503-12	s	CAPACITOR CERAMIC 0.1MF/100V
C763	1-104-503-12	s	CAPACITOR CERAMIC 0.1MF/100V
C764	1-104-503-12	s	CAPACITOR CERAMIC 0.1MF/100V
C765	1-130-785-11	s	CAPACITOR FILM 0.47MF/100V
C766	1-130-785-11	s	CAPACITOR FILM 0.47MF/100V
C767	1-104-503-12	s	CAPACITOR CERAMIC 0.1MF/100V
C769	1-130-777-00	s	CAPACITOR FILM 0.1MF/100V
C770	1-130-777-00	s	CAPACITOR FILM 0.1MF/100V
C773	1-111-167-11	s	CAPACITOR ELECT 100MF/100V
C774	1-111-167-11	s	CAPACITOR ELECT 100MF/100V
C775	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C776	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
C777	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C778	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C779	1-126-924-11	s	CAPACITOR,ELECT 330MF/10V
C781	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C782	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C783	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C784	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C785	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C786	1-162-923-11	s	CAPACITOR,CERAMIC 47PF/50V CH
C787	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C788	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C789	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C790	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C791	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C792	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C793	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C794	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C901	1-104-503-12	s	CAPACITOR CERAMIC 0.1MF/100V

(MAIN B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C902	1-131-967-11	s	CAPACITOR, ELECT 10000MF 80V
C903	1-104-503-12	s	CAPACITOR CERAMIC 0.1MF/100V
C904	1-131-967-11	s	CAPACITOR, ELECT 10000MF 80V
C905	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C906	1-119-939-11	s	CAPACITOR,ERECT 6800MF
C907	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C908	1-119-939-11	s	CAPACITOR,ERECT 6800MF
C909	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
C910	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C911	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C912	1-126-955-11	s	CAPACITOR,ELECT 4700MF/35V
C913	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
C914	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C915	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C916	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C917	1-165-872-21	s	CAPACITOR,SOLID ELECT 47MF
C919	1-126-942-61	s	CAPACITOR,ELECT 1000MF/25V
C920	1-100-190-11	s	CAPACITOR, ELECT 33000MF
C923	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C924	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
C925	1-165-872-21	s	CAPACITOR,SOLID ELECT 47MF
C926	1-117-208-11	s	CAPACITOR, ELECT 22000MF/25V
C927	1-115-789-11	s	CAPACITOR ELECT 1000MF/25V 105
C928	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C929	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C932	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
C933	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C934	1-125-837-91	s	CAPACITOR,CHIP CERAMIC1MF/6.3V
C935	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
C936	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C937	1-107-921-11	s	CAPACITOR ELECT 100MF/63V 105C
C938	1-104-503-12	s	CAPACITOR CERAMIC 0.1MF/100V
C939	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V
C940	1-107-921-11	s	CAPACITOR ELECT 100MF/63V 105C
C941	1-162-966-11	s	CAPACITOR,CERAMIC 2200PF/50V B
C942	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C944	1-126-400-11	s	CAPACITOR ELECT 22MF/35V(CHIP)
C945	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C946	1-128-403-11	s	CAPACITOR,ELECT 47MF/35V(CHIP)
C947	1-100-566-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C948	1-104-666-11	s	CAPACITOR,ELECT 220MF/25V
CN001	1-794-099-11	s	CONNECTOR, ROUND TYPE
CN002	1-784-927-11	s	PIN, CONNECTOR (12P)
CN051	1-794-099-11	s	CONNECTOR, ROUND TYPE
CN101	1-794-099-11	s	CONNECTOR, ROUND TYPE
CN151	1-794-099-11	s	CONNECTOR, ROUND TYPE
CN401	1-784-367-11	s	CONNECTOR (FFC/FPC) 8P
CN403	1-784-386-31	s	CONNECTOR, FFC/FPC 30P
CN404	1-784-382-21	s	CONNECTOR, FFC/FPC 25P
CN405	1-784-368-21	s	CONNECTOR, FFC/FPC (9P)
CN406	1-784-922-11	s	SOCKET, CONNECTOR (5P)
CN407	1-784-367-11	s	CONNECTOR (FFC/FPC) 8P
CN501	1-785-682-11	s	PIN, CONNECTOR (PC BOARD) 7P
CN901	1-779-658-11	o	PIN, CONNECTOR (PC BOARD) 4P
CN902	1-691-765-11	s	PLUG (MICRO CONNECTOR)(3P)
CN903	1-778-293-11	s	PIN, CONNECTOR (2P)
CN904	1-691-960-11	o	PIN,CONNECTOR (PC BOARD) 3P

(MAIN B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
D001	8-719-988-61	s	DIODE 1SS355TE-17
D002	8-719-988-61	s	DIODE 1SS355TE-17
D003	8-719-988-61	s	DIODE 1SS355TE-17
D004	8-719-988-61	s	DIODE 1SS355TE-17
D051	8-719-988-61	s	DIODE 1SS355TE-17
D052	8-719-988-61	s	DIODE 1SS355TE-17
D053	8-719-988-61	s	DIODE 1SS355TE-17
D054	8-719-988-61	s	DIODE 1SS355TE-17
D101	8-719-988-61	s	DIODE 1SS355TE-17
D102	8-719-988-61	s	DIODE 1SS355TE-17
D103	8-719-988-61	s	DIODE 1SS355TE-17
D104	8-719-988-61	s	DIODE 1SS355TE-17
D105	8-719-064-52	s	DIODE CL-191YG-CD-T
D151	8-719-988-61	s	DIODE 1SS355TE-17
D152	8-719-988-61	s	DIODE 1SS355TE-17
D153	8-719-988-61	s	DIODE 1SS355TE-17
D154	8-719-988-61	s	DIODE 1SS355TE-17
D301	8-719-941-86	s	DIODE DAN202U
D302	8-719-941-86	s	DIODE DAN202U
D321	8-719-941-86	s	DIODE DAN202U
D322	8-719-941-86	s	DIODE DAN202U
D323	8-719-941-86	s	DIODE DAN202U
D324	8-719-941-86	s	DIODE DAN202U
D325	8-719-941-86	s	DIODE DAN202U
D326	8-719-941-86	s	DIODE DAN202U
D327	8-719-941-86	s	DIODE DAN202U
D328	8-719-941-86	s	DIODE DAN202U
D329	8-719-941-86	s	DIODE DAN202U
D330	8-719-941-86	s	DIODE DAN202U
D351	8-719-941-09	s	DIODE DAP202U
D361	8-719-941-09	s	DIODE DAP202U
D371	8-719-941-09	s	DIODE DAP202U
D381	8-719-941-09	s	DIODE DAP202U
D411	8-719-017-58	s	DIODE MA8068
D412	8-719-017-58	s	DIODE MA8068
D413	8-719-017-58	s	DIODE MA8068
D414	8-719-017-58	s	DIODE MA8068
D415	8-719-017-58	s	DIODE MA8068
D416	8-719-017-58	s	DIODE MA8068
D417	8-719-017-58	s	DIODE MA8068
D418	8-719-017-58	s	DIODE MA8068
D419	8-719-017-58	s	DIODE MA8068
D420	8-719-017-58	s	DIODE MA8068
D421	8-719-017-58	s	DIODE MA8068
D422	8-719-017-58	s	DIODE MA8068
D423	8-719-017-58	s	DIODE MA8068
D424	8-719-017-58	s	DIODE MA8068
D425	8-719-017-58	s	DIODE MA8068
D426	8-719-017-58	s	DIODE MA8068
D427	8-719-017-58	s	DIODE MA8068
D501	8-719-988-61	s	DIODE 1SS355TE-17
D502	8-719-988-61	s	DIODE 1SS355TE-17
D503	8-719-422-46	s	DIODE MA8056
D504	8-719-085-23	s	DIODE SFPX-62
D505	8-719-085-23	s	DIODE SFPX-62
D506	8-719-085-23	s	DIODE SFPX-62
D507	8-719-085-23	s	DIODE SFPX-62
D508	8-719-085-23	s	DIODE SFPX-62
D509	8-719-085-23	s	DIODE SFPX-62

(MAIN B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
D510	8-719-085-23	s	DIODE SFPX-62
D511	8-719-085-23	s	DIODE SFPX-62
D512	8-719-085-23	s	DIODE SFPX-62
D513	8-719-085-23	s	DIODE SFPX-62
D514	6-500-255-01	s	DIODE P6SMB160AT3
D515	6-500-255-01	s	DIODE P6SMB160AT3
D516	8-719-085-23	s	DIODE SFPX-62
D517	8-719-085-23	s	DIODE SFPX-62
D518	6-500-255-01	s	DIODE P6SMB160AT3
D519	6-500-255-01	s	DIODE P6SMB160AT3
D520	8-719-085-23	s	DIODE SFPX-62
D521	8-719-085-23	s	DIODE SFPX-62
D522	8-719-037-57	s	DIODE RD39SB-T1
D523	8-719-037-57	s	DIODE RD39SB-T1
D524	8-719-988-61	s	DIODE 1SS355TE-17
D525	8-719-988-61	s	DIODE 1SS355TE-17
D526	8-719-988-61	s	DIODE 1SS355TE-17
D527	8-719-988-61	s	DIODE 1SS355TE-17
D528	8-719-988-61	s	DIODE 1SS355TE-17
D529	8-719-988-61	s	DIODE 1SS355TE-17
D530	8-719-988-61	s	DIODE 1SS355TE-17
D531	8-719-988-61	s	DIODE 1SS355TE-17
D532	8-719-988-61	s	DIODE 1SS355TE-17
D533	8-719-988-61	s	DIODE 1SS355TE-17
D534	8-719-988-61	s	DIODE 1SS355TE-17
D535	8-719-988-61	s	DIODE 1SS355TE-17
D536	8-719-988-61	s	DIODE 1SS355TE-17
D537	8-719-988-61	s	DIODE 1SS355TE-17
D538	8-719-988-61	s	DIODE 1SS355TE-17
D539	8-719-988-61	s	DIODE 1SS355TE-17
D540	8-719-988-61	s	DIODE 1SS355TE-17
D541	8-719-988-61	s	DIODE 1SS355TE-17
D542	8-719-988-61	s	DIODE 1SS355TE-17
D543	8-719-988-61	s	DIODE 1SS355TE-17
D544	8-719-988-61	s	DIODE 1SS355TE-17
D701	8-719-988-61	s	DIODE 1SS355TE-17
D702	8-719-988-61	s	DIODE 1SS355TE-17
D704	8-719-085-23	s	DIODE SFPX-62
D705	8-719-085-23	s	DIODE SFPX-62
D706	8-719-085-23	s	DIODE SFPX-62
D707	8-719-085-23	s	DIODE SFPX-62
D708	8-719-085-23	s	DIODE SFPX-62
D709	8-719-085-23	s	DIODE SFPX-62
D710	8-719-085-23	s	DIODE SFPX-62
D711	8-719-085-23	s	DIODE SFPX-62
D712	8-719-085-23	s	DIODE SFPX-62
D713	8-719-085-23	s	DIODE SFPX-62
D714	6-500-255-01	s	DIODE P6SMB160AT3
D715	6-500-255-01	s	DIODE P6SMB160AT3
D716	8-719-085-23	s	DIODE SFPX-62
D717	8-719-085-23	s	DIODE SFPX-62
D718	6-500-255-01	s	DIODE P6SMB160AT3
D719	6-500-255-01	s	DIODE P6SMB160AT3
D720	8-719-085-23	s	DIODE SFPX-62
D721	8-719-085-23	s	DIODE SFPX-62
D722	8-719-037-57	s	DIODE RD39SB-T1
D723	8-719-037-57	s	DIODE RD39SB-T1
D724	8-719-988-61	s	DIODE 1SS355TE-17
D725	8-719-988-61	s	DIODE 1SS355TE-17

(MAIN B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
D726	8-719-988-61	s	DIODE 1SS355TE-17
D727	8-719-988-61	s	DIODE 1SS355TE-17
D729	8-719-988-61	s	DIODE 1SS355TE-17
D730	8-719-988-61	s	DIODE 1SS355TE-17
D731	8-719-988-61	s	DIODE 1SS355TE-17
D732	8-719-988-61	s	DIODE 1SS355TE-17
D733	8-719-988-61	s	DIODE 1SS355TE-17
D734	8-719-988-61	s	DIODE 1SS355TE-17
D735	8-719-988-61	s	DIODE 1SS355TE-17
D736	8-719-988-61	s	DIODE 1SS355TE-17
D740	8-719-988-61	s	DIODE 1SS355TE-17
D741	8-719-988-61	s	DIODE 1SS355TE-17
D743	8-719-988-61	s	DIODE 1SS355TE-17
D744	8-719-988-61	s	DIODE 1SS355TE-17
D901	8-719-073-32	s	DIODE D25XB60
D902	8-719-053-18	s	DIODE 1SR154-400TE-25
D903	8-719-053-18	s	DIODE 1SR154-400TE-25
D904	8-719-053-18	s	DIODE 1SR154-400TE-25
D905	8-719-053-18	s	DIODE 1SR154-400TE-25
D906	8-719-988-61	s	DIODE 1SS355TE-17
D907	8-719-053-18	s	DIODE 1SR154-400TE-25
D908	8-719-053-18	s	DIODE 1SR154-400TE-25
D909	8-719-988-61	s	DIODE 1SS355TE-17
D910	8-719-988-61	s	DIODE 1SS355TE-17
D914	8-719-053-18	s	DIODE 1SR154-400TE-25
D915	8-719-988-61	s	DIODE 1SS355TE-17
D916	8-719-054-47	s	DIODE D3FS4A-TA
D918	8-719-054-47	s	DIODE D3FS4A-TA
D919	8-719-054-47	s	DIODE D3FS4A-TA
D920	8-719-080-03	s	DIODE RB083L-20TE25
D921	8-719-054-47	s	DIODE D3FS4A-TA
D923	8-719-422-46	s	DIODE MA8056
D924	8-719-017-58	s	DIODE MA8068
D925	8-719-081-66	s	DIODE M1FS6
D926	8-719-053-18	s	DIODE 1SR154-400TE-25
D928	8-719-988-61	s	DIODE 1SS355TE-17
D929	8-719-017-58	s	DIODE MA8068
D930	8-719-017-89	s	DIODE MA8150-TX
D931	8-719-988-61	s	DIODE 1SS355TE-17
D932	8-719-018-04	s	DIODE MA8240-TX
D933	8-719-018-04	s	DIODE MA8240-TX
EP251	1-537-770-21	s	TERMINAL BOARD, GROUND
EP501	1-537-770-21	s	TERMINAL BOARD, GROUND
EP502	1-537-770-21	s	TERMINAL BOARD, GROUND
EP701	1-537-770-21	s	TERMINAL BOARD, GROUND
EP702	1-537-770-21	s	TERMINAL BOARD, GROUND
EP901	1-537-770-21	s	TERMINAL BOARD, GROUND
F501	⚠ 1-533-998-11	s	FUSE,CHIP 1A/125V (6125)
F502	⚠ 1-533-998-11	s	FUSE,CHIP 1A/125V (6125)
F503	⚠ 1-533-998-11	s	FUSE,CHIP 1A/125V (6125)
F504	⚠ 1-533-998-11	s	FUSE,CHIP 1A/125V (6125)
F505	⚠ 1-533-998-11	s	FUSE,CHIP 1A/125V (6125)
F701	⚠ 1-533-998-11	s	FUSE,CHIP 1A/125V (6125)
F702	⚠ 1-533-998-11	s	FUSE,CHIP 1A/125V (6125)
F703	⚠ 1-533-998-11	s	FUSE,CHIP 1A/125V (6125)
F704	⚠ 1-533-998-11	s	FUSE,CHIP 1A/125V (6125)
F705	⚠ 1-533-998-11	s	FUSE,CHIP 1A/125V (6125)

(MAIN B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
FB001	1-400-040-11	s	BEAD, FERRITE (CHIP)
FB002	1-400-040-11	s	BEAD, FERRITE (CHIP)
FB003	1-400-040-11	s	BEAD, FERRITE (CHIP)
FB004	1-400-040-11	s	BEAD, FERRITE (CHIP)
FB005	1-400-040-11	s	BEAD, FERRITE (CHIP)
FB006	1-400-040-11	s	BEAD, FERRITE (CHIP)
FB051	1-400-040-11	s	BEAD, FERRITE (CHIP)
FB052	1-400-040-11	s	BEAD, FERRITE (CHIP)
FB053	1-400-040-11	s	BEAD, FERRITE (CHIP)
FB054	1-400-040-11	s	BEAD, FERRITE (CHIP)
FB101	1-400-040-11	s	BEAD, FERRITE (CHIP)
FB102	1-400-040-11	s	BEAD, FERRITE (CHIP)
FB103	1-400-040-11	s	BEAD, FERRITE (CHIP)
FB104	1-400-040-11	s	BEAD, FERRITE (CHIP)
FB151	1-400-040-11	s	BEAD, FERRITE (CHIP)
FB152	1-400-040-11	s	BEAD, FERRITE (CHIP)
FB153	1-400-040-11	s	BEAD, FERRITE (CHIP)
FB154	1-400-040-11	s	BEAD, FERRITE (CHIP)
FB351	1-400-040-11	s	BEAD, FERRITE (CHIP)
FB361	1-400-040-11	s	BEAD, FERRITE (CHIP)
FB371	1-400-040-11	s	BEAD, FERRITE (CHIP)
FB381	1-400-040-11	s	BEAD, FERRITE (CHIP)
FB400	1-400-040-11	s	BEAD, FERRITE (CHIP)
FB401	1-400-040-11	s	BEAD, FERRITE (CHIP)
FB402	1-400-040-11	s	BEAD, FERRITE (CHIP)
FB403	1-400-040-11	s	BEAD, FERRITE (CHIP)
FB501	1-469-324-21	s	FERRITE, EMI (SMD) 4.7UH
FB502	1-469-324-21	s	FERRITE, EMI (SMD) 4.7UH
FB503	1-469-324-21	s	FERRITE, EMI (SMD) 4.7UH
FB504	1-469-324-21	s	FERRITE, EMI (SMD) 4.7UH
FB505	1-412-390-21	s	MICRO INDUCTOR (CHIP) 21A05
FB506	1-412-390-21	s	MICRO INDUCTOR (CHIP) 21A05
FB507	1-412-390-21	s	MICRO INDUCTOR (CHIP) 21A05
FB508	1-412-390-21	s	MICRO INDUCTOR (CHIP) 21A05
FB509	1-469-324-21	s	FERRITE, EMI (SMD) 4.7UH
FB701	1-469-324-21	s	FERRITE, EMI (SMD) 4.7UH
FB702	1-469-324-21	s	FERRITE, EMI (SMD) 4.7UH
FB703	1-469-324-21	s	FERRITE, EMI (SMD) 4.7UH
FB704	1-469-324-21	s	FERRITE, EMI (SMD) 4.7UH
FB705	1-412-390-21	s	MICRO INDUCTOR (CHIP) 21A05
FB706	1-412-390-21	s	MICRO INDUCTOR (CHIP) 21A05
FB707	1-412-390-21	s	MICRO INDUCTOR (CHIP) 21A05
FB708	1-412-390-21	s	MICRO INDUCTOR (CHIP) 21A05
FB709	1-469-324-21	s	FERRITE, EMI (SMD) 4.7UH
IC001	8-759-711-85	s	IC NJM4580E-D
IC031	8-759-711-85	s	IC NJM4580E-D
IC101	8-759-711-85	s	IC NJM4580E-D
IC201	6-703-503-01	s	IC AK5365VQ
IC202	8-759-082-60	s	IC TC7S66FU
IC203	8-759-082-60	s	IC TC7S66FU
IC221	6-703-503-01	s	IC AK5365VQ
IC251	8-759-530-31	s	IC TC74VHC4040FT(EL)
IC253	8-759-548-97	s	IC SN74LV04APWR
IC254	6-706-491-01	s	IC TC7SH86FU(T5RSOYJF)
IC301	8-759-711-85	s	IC NJM4580E-D
IC302	6-701-834-01	s	IC PCM1802E
IC311	6-703-503-01	s	IC AK5365VQ
IC351	8-759-711-85	s	IC NJM4580E-D
IC371	8-759-711-85	s	IC NJM4580E-D

(MAIN B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
IC391	6-701-111-01	s	IC AK4382AVT-E2
IC392	6-701-111-01	s	IC AK4382AVT-E2
IC393	6-701-111-01	s	IC AK4382AVT-E2
IC394	6-701-111-01	s	IC AK4382AVT-E2
IC400	8-759-548-95	s	IC SN74LV00APWR
IC401	8-759-487-20	s	IC PST9330UL
IC402	8-759-549-03	s	IC SN74LV132APWR
IC403	6-704-006-01	s	IC BR24L64F-WE2
IC404	8-759-549-04	s	IC SN74LV138APWR
IC406	6-702-624-01	s	IC HD64F2377VFQ33V
IC408	8-759-589-67	s	IC BA6208F-E2
IC410	8-759-487-20	s	IC PST9330UL
IC411	6-701-994-01	s	IC SN74LVCH245APWR
IC412	6-701-994-01	s	IC SN74LVCH245APWR
IC413	8-759-580-98	s	IC ADSP-21065LKS-240
IC414	8-759-497-44	s	IC TC7WH125FU(TE12R)
IC415	8-759-549-23	s	IC SN74LV74APWR
IC416	8-759-392-77	s	IC SN74LVC245APW (E20)
IC417	8-759-524-10	s	IC TC74VHC157FT (EL)
IC501	8-759-510-73	s	IC BA10393F-E2
IC502	8-759-711-85	s	IC NJM4580E-D
IC503	6-701-771-01	s	IC XC31BPN28AMR
IC504	6-701-771-01	s	IC XC31BPN28AMR
IC505	8-759-710-97	s	IC NJM4565MD
IC506	6-706-218-01	s	IC TC2001
IC507	6-706-219-01	s	IC TP2350B
IC508	6-707-687-01	s	IC BAJ0CC0T
IC509	8-759-711-85	s	IC NJM4580E-D
IC510	8-759-711-85	s	IC NJM4580E-D
IC511	8-759-711-85	s	IC NJM4580E-D
IC702	8-759-711-85	s	IC NJM4580E-D
IC703	6-701-771-01	s	IC XC31BPN28AMR
IC704	6-701-771-01	s	IC XC31BPN28AMR
IC705	8-759-710-97	s	IC NJM4565MD
IC706	6-706-218-01	s	IC TC2001
IC707	6-706-219-01	s	IC TP2350B
IC709	8-759-711-85	s	IC NJM4580E-D
IC710	8-759-711-85	s	IC NJM4580E-D
IC711	8-759-711-85	s	IC NJM4580E-D
IC901	8-759-701-80	s	IC NJM7815FA
IC902	8-759-701-89	s	IC NJM7915FA
IC903	8-759-487-20	s	IC PST9330UL
IC904	8-759-474-09	s	IC SI-8050S-LF1101
IC905	8-759-445-59	s	IC BA033T
IC906	8-759-445-59	s	IC BA033T
IC908	6-703-223-01	s	IC MAX668EUB-TG069
J301	1-784-429-11	s	JACK, PIN 4P
J302	1-784-429-11	s	JACK, PIN 4P
J303	1-784-429-11	s	JACK, PIN 4P
J361	1-819-238-11	s	JACK, PIN 4P
L201	1-412-031-11	s	CHIP INDUCTOR 47UH (3225)
L221	1-412-031-11	s	CHIP INDUCTOR 47UH (3225)
L251	1-412-031-11	s	CHIP INDUCTOR 47UH (3225)
L301	1-412-031-11	s	CHIP INDUCTOR 47UH (3225)
L311	1-412-031-11	s	CHIP INDUCTOR 47UH (3225)
L391	1-412-031-11	s	CHIP INDUCTOR 47UH (3225)
L392	1-412-031-11	s	CHIP INDUCTOR 47UH (3225)
L393	1-412-031-11	s	CHIP INDUCTOR 47UH (3225)

(MAIN B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
L394	1-412-031-11	s	CHIP INDUCTOR 47UH (3225)
L400	1-412-031-11	s	CHIP INDUCTOR 47UH (3225)
L501	1-416-668-31	s	COIL, CHOKE 10UH
L502	1-456-411-11	s	COIL, CHOKE 10UH
L503	1-456-411-11	s	COIL, CHOKE 10UH
L504	1-419-491-21	s	COIL, CHOKE 10UH
L505	1-419-491-21	s	COIL, CHOKE 10UH
L702	1-456-411-11	s	COIL, CHOKE 10UH
L703	1-456-411-11	s	COIL, CHOKE 10UH
L704	1-419-491-21	s	COIL, CHOKE 10UH
L705	1-419-491-21	s	COIL, CHOKE 10UH
L901	1-419-491-21	s	COIL, CHOKE 10UH
L902	1-406-978-11	s	COIL, CHOKE 150UH
L903	1-416-668-31	s	COIL, CHOKE 10UH
L904	1-419-630-11	s	COIL, CHOKE 4.7UH
Q001	8-729-216-31	s	TRANSISTOR 2SA1163-G
Q002	8-729-027-43	s	TRANSISTOR DTC114EKA-T146
Q003	8-729-271-31	s	TRANSISTOR 2SC2713-G
Q004	8-729-271-31	s	TRANSISTOR 2SC2713-G
Q051	8-729-216-31	s	TRANSISTOR 2SA1163-G
Q052	8-729-027-43	s	TRANSISTOR DTC114EKA-T146
Q053	8-729-271-31	s	TRANSISTOR 2SC2713-G
Q054	8-729-271-31	s	TRANSISTOR 2SC2713-G
Q101	8-729-216-31	s	TRANSISTOR 2SA1163-G
Q102	8-729-027-43	s	TRANSISTOR DTC114EKA-T146
Q103	8-729-271-31	s	TRANSISTOR 2SC2713-G
Q104	8-729-271-31	s	TRANSISTOR 2SC2713-G
Q151	8-729-216-31	s	TRANSISTOR 2SA1163-G
Q152	8-729-027-43	s	TRANSISTOR DTC114EKA-T146
Q153	8-729-271-31	s	TRANSISTOR 2SC2713-G
Q154	8-729-271-31	s	TRANSISTOR 2SC2713-G
Q351	8-729-202-38	s	TRANSISTOR 2SC3326N-A
Q361	8-729-202-38	s	TRANSISTOR 2SC3326N-A
Q371	8-729-202-38	s	TRANSISTOR 2SC3326N-A
Q381	8-729-202-38	s	TRANSISTOR 2SC3326N-A
Q400	8-729-027-43	s	TRANSISTOR DTC114EKA-T146
Q401	8-729-027-43	s	TRANSISTOR DTC114EKA-T146
Q403	8-729-027-43	s	TRANSISTOR DTC114EKA-T146
Q405	8-729-027-43	s	TRANSISTOR DTC114EKA-T146
Q407	8-729-027-43	s	TRANSISTOR DTC114EKA-T146
Q408	8-729-027-43	s	TRANSISTOR DTC114EKA-T146
Q409	8-729-027-43	s	TRANSISTOR DTC114EKA-T146
Q410	8-729-027-43	s	TRANSISTOR DTC114EKA-T146
Q501	8-729-027-43	s	TRANSISTOR DTC114EKA-T146
Q502	8-729-202-38	s	TRANSISTOR 2SC3326N-A
Q503	8-729-202-38	s	TRANSISTOR 2SC3326N-A
Q504	6-550-212-01	s	TRANSISTOR STW34NB20
Q505	6-550-212-01	s	TRANSISTOR STW34NB20
Q506	6-550-212-01	s	TRANSISTOR STW34NB20
Q507	6-550-212-01	s	TRANSISTOR STW34NB20
Q508	8-729-216-31	s	TRANSISTOR 2SA1163-G
Q509	8-729-271-31	s	TRANSISTOR 2SC2713-G
Q510	8-729-271-31	s	TRANSISTOR 2SC2713-G
Q511	8-729-271-31	s	TRANSISTOR 2SC2713-G
Q512	8-729-027-23	s	TRANSISTOR DTA114EKA-T146
Q513	8-729-202-38	s	TRANSISTOR 2SC3326N-A
Q514	8-729-027-43	s	TRANSISTOR DTC114EKA-T146
Q515	8-729-202-38	s	TRANSISTOR 2SC3326N-A
Q516	8-729-027-23	s	TRANSISTOR DTA114EKA-T146

(MAIN B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q517	8-729-202-38	s	TRANSISTOR 2SC3326N-A
Q518	8-729-216-22	s	TRANSISTOR 2SA1162-G
Q519	8-729-202-38	s	TRANSISTOR 2SC3326N-A
Q520	8-729-216-22	s	TRANSISTOR 2SA1162-G
Q521	8-729-027-43	s	TRANSISTOR DTC114EKA-T146
Q522	8-729-027-43	s	TRANSISTOR DTC114EKA-T146
Q702	8-729-202-38	s	TRANSISTOR 2SC3326N-A
Q703	8-729-202-38	s	TRANSISTOR 2SC3326N-A
Q704	6-550-212-01	s	TRANSISTOR STW34NB20
Q705	6-550-212-01	s	TRANSISTOR STW34NB20
Q706	6-550-212-01	s	TRANSISTOR STW34NB20
Q707	6-550-212-01	s	TRANSISTOR STW34NB20
Q712	8-729-027-23	s	TRANSISTOR DTA114EKA-T146
Q713	8-729-202-38	s	TRANSISTOR 2SC3326N-A
Q715	8-729-202-38	s	TRANSISTOR 2SC3326N-A
Q716	8-729-027-23	s	TRANSISTOR DTA114EKA-T146
Q717	8-729-202-38	s	TRANSISTOR 2SC3326N-A
Q718	8-729-216-22	s	TRANSISTOR 2SA1162-G
Q719	8-729-202-38	s	TRANSISTOR 2SC3326N-A
Q720	8-729-216-22	s	TRANSISTOR 2SA1162-G
Q721	8-729-027-43	s	TRANSISTOR DTC114EKA-T146
Q722	8-729-027-43	s	TRANSISTOR DTC114EKA-T146
Q903	8-729-044-09	s	TRANSISTOR 2SD2153T100V
Q904	8-729-027-42	s	TRANSISTOR DTC113ZKA-T146
Q905	8-729-054-99	s	TRANSISTOR SI4559EY-T1
Q906	8-729-921-49	s	TRANSISTOR 2SD1760F5-R
Q907	8-729-921-49	s	TRANSISTOR 2SD1760F5-R
Q908	8-729-202-38	s	TRANSISTOR 2SC3326N-A
Q909	8-729-027-43	s	TRANSISTOR DTC114EKA-T146
Q910	8-729-027-43	s	TRANSISTOR DTC114EKA-T146
Q911	8-729-027-23	s	TRANSISTOR DTA114EKA-T146
Q912	8-729-027-43	s	TRANSISTOR DTC114EKA-T146
R001	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R002	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R003	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R004	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R005	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R006	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R007	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R008	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R009	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R010	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R011	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R012	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R013	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R014	1-216-797-11	s	RESISTOR,CHIP 10 1/10W 1608
R015	1-216-797-11	s	RESISTOR,CHIP 10 1/10W 1608
R016	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/10W 1608
R017	1-216-828-11	s	RESISTOR, CHIP 3.9K 1/10W 1608
R018	1-216-826-11	s	RESISTOR,CHIP 2.7K 1/10W(1608)
R019	1-218-867-11	s	RESISTOR,CHIP 6.8K 1/10W(1608)
R020	1-216-815-11	s	RESISTOR,CHIP 330 1/10W 1608
R021	1-216-826-11	s	RESISTOR,CHIP 2.7K 1/10W(1608)
R022	1-218-867-11	s	RESISTOR,CHIP 6.8K 1/10W(1608)
R023	1-216-828-11	s	RESISTOR, CHIP 3.9K 1/10W 1608
R024	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R031	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R032	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)

(MAIN B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R033	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R034	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R041	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R042	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R043	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R044	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R051	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R052	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R053	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R054	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R055	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R056	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R057	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R058	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R059	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R060	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R061	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R062	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R063	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R064	1-216-797-11	s	RESISTOR,CHIP 10 1/10W 1608
R065	1-216-797-11	s	RESISTOR,CHIP 10 1/10W 1608
R066	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/10W 1608
R067	1-216-828-11	s	RESISTOR, CHIP 3.9K 1/10W 1608
R068	1-216-826-11	s	RESISTOR,CHIP 2.7K 1/10W(1608)
R069	1-218-867-11	s	RESISTOR,CHIP 6.8K 1/10W(1608)
R070	1-216-815-11	s	RESISTOR,CHIP 330 1/10W 1608
R071	1-216-826-11	s	RESISTOR,CHIP 2.7K 1/10W(1608)
R072	1-218-867-11	s	RESISTOR,CHIP 6.8K 1/10W(1608)
R073	1-216-828-11	s	RESISTOR, CHIP 3.9K 1/10W 1608
R074	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R101	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R102	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R103	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R104	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R105	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R106	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R107	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R108	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R109	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R110	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R111	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R112	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R113	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R114	1-216-797-11	s	RESISTOR,CHIP 10 1/10W 1608
R115	1-216-797-11	s	RESISTOR,CHIP 10 1/10W 1608
R116	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/10W 1608
R117	1-216-828-11	s	RESISTOR, CHIP 3.9K 1/10W 1608
R118	1-216-826-11	s	RESISTOR,CHIP 2.7K 1/10W(1608)
R119	1-218-867-11	s	RESISTOR,CHIP 6.8K 1/10W(1608)
R120	1-216-815-11	s	RESISTOR,CHIP 330 1/10W 1608
R121	1-216-826-11	s	RESISTOR,CHIP 2.7K 1/10W(1608)
R122	1-218-867-11	s	RESISTOR,CHIP 6.8K 1/10W(1608)
R123	1-216-828-11	s	RESISTOR, CHIP 3.9K 1/10W 1608
R124	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R151	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R152	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R153	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R154	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R155	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)

(MAIN B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R156	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R157	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R158	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R159	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R160	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R161	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R162	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R163	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R164	1-216-797-11	s	RESISTOR,CHIP 10 1/10W 1608
R165	1-216-797-11	s	RESISTOR,CHIP 10 1/10W 1608
R166	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/10W 1608
R167	1-216-828-11	s	RESISTOR, CHIP 3.9K 1/10W 1608
R168	1-216-826-11	s	RESISTOR,CHIP 2.7K 1/10W(1608)
R169	1-218-867-11	s	RESISTOR,CHIP 6.8K 1/10W(1608)
R170	1-216-815-11	s	RESISTOR,CHIP 330 1/10W 1608
R171	1-216-826-11	s	RESISTOR,CHIP 2.7K 1/10W(1608)
R172	1-218-867-11	s	RESISTOR,CHIP 6.8K 1/10W(1608)
R173	1-216-828-11	s	RESISTOR, CHIP 3.9K 1/10W 1608
R174	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R201	1-216-845-11	s	RESISTOR,CHIP 100K 1/10W(1608)
R202	1-216-837-11	s	RESISTOR,CHIP 22K 1/10W 1608
R203	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R204	1-216-845-11	s	RESISTOR,CHIP 100K 1/10W(1608)
R205	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R206	1-216-845-11	s	RESISTOR,CHIP 100K 1/10W(1608)
R207	1-216-837-11	s	RESISTOR,CHIP 22K 1/10W 1608
R208	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R209	1-216-845-11	s	RESISTOR,CHIP 100K 1/10W(1608)
R210	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R211	1-216-845-11	s	RESISTOR,CHIP 100K 1/10W(1608)
R212	1-216-845-11	s	RESISTOR,CHIP 100K 1/10W(1608)
R213	1-216-801-11	s	RESISTOR,CHIP 22 1/10W (1608)
R221	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R222	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R223	1-216-845-11	s	RESISTOR,CHIP 100K 1/10W(1608)
R224	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R225	1-216-845-11	s	RESISTOR,CHIP 100K 1/10W(1608)
R228	1-216-845-11	s	RESISTOR,CHIP 100K 1/10W(1608)
R229	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R230	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R231	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R232	1-216-845-11	s	RESISTOR,CHIP 100K 1/10W(1608)
R233	1-216-801-11	s	RESISTOR,CHIP 22 1/10W (1608)
R251	1-216-801-11	s	RESISTOR,CHIP 22 1/10W (1608)
R252	1-216-801-11	s	RESISTOR,CHIP 22 1/10W (1608)
R253	1-216-801-11	s	RESISTOR,CHIP 22 1/10W (1608)
R254	1-216-801-11	s	RESISTOR,CHIP 22 1/10W (1608)
R255	1-216-801-11	s	RESISTOR,CHIP 22 1/10W (1608)
R256	1-216-801-11	s	RESISTOR,CHIP 22 1/10W (1608)
R258	1-216-817-11	s	RESISTOR,CHIP 470 1/10W 1608
R259	1-216-801-11	s	RESISTOR,CHIP 22 1/10W (1608)
R260	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R261	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R262	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R263	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R264	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R265	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R270	1-216-837-11	s	RESISTOR,CHIP 22K 1/10W 1608
R271	1-216-837-11	s	RESISTOR,CHIP 22K 1/10W 1608

(MAIN B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R301	1-216-836-11	s	RESISTOR, CHIP 18K 1/10W 1608
R302	1-216-836-11	s	RESISTOR, CHIP 18K 1/10W 1608
R303	1-218-867-11	s	RESISTOR,CHIP 6.8K 1/10W(1608)
R304	1-218-867-11	s	RESISTOR,CHIP 6.8K 1/10W(1608)
R305	1-216-797-11	s	RESISTOR,CHIP 10 1/10W 1608
R306	1-216-797-11	s	RESISTOR,CHIP 10 1/10W 1608
R307	1-216-801-11	s	RESISTOR,CHIP 22 1/10W (1608)
R321	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R322	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R323	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R324	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R325	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R326	1-216-835-11	s	RESISTOR,CHIP 15K 1/10W
R327	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R328	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R329	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R330	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R331	1-216-835-11	s	RESISTOR,CHIP 15K 1/10W
R332	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R333	1-216-801-11	s	RESISTOR,CHIP 22 1/10W (1608)
R351	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R352	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R353	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R354	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R355	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R356	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R357	1-216-817-11	s	RESISTOR,CHIP 470 1/10W 1608
R358	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R359	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R361	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R362	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R363	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R364	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R365	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R366	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R367	1-216-817-11	s	RESISTOR,CHIP 470 1/10W 1608
R368	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R369	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R371	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R372	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R373	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R374	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R375	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R376	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R377	1-216-817-11	s	RESISTOR,CHIP 470 1/10W 1608
R378	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R379	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R381	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R382	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R383	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R384	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R385	1-218-853-11	s	RESISTOR,CHIP 1.8K 1/10W(1608)
R386	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R387	1-216-817-11	s	RESISTOR,CHIP 470 1/10W 1608
R388	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R389	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R390	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R400	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R401	1-216-815-11	s	RESISTOR,CHIP 330 1/10W 1608

(MAIN B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R402	1-216-837-11	s	RESISTOR,CHIP 22K 1/10W 1608
R403	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R404	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R405	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R406	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R407	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R408	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R410	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R411	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R412	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R413	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R414	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R415	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R416	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R417	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R420	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R423	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R424	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R425	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R426	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R427	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R428	1-216-837-11	s	RESISTOR,CHIP 22K 1/10W 1608
R429	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R430	1-216-813-11	s	RESISTOR, CHIP 220 1/10W 1608
R431	1-216-813-11	s	RESISTOR, CHIP 220 1/10W 1608
R432	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R433	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R434	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R435	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R436	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R437	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R441	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R442	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R443	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R444	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R445	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R446	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R447	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R448	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R449	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R450	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R451	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R452	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R453	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R454	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R456	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R457	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R458	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R460	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R461	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R462	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R463	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R464	1-216-813-11	s	RESISTOR, CHIP 220 1/10W 1608
R501	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R502	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/10W 1608
R503	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R504	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/10W 1608
R505	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R506	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608

(MAIN B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R507	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R508	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R509	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R510	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R511	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608
R512	1-218-875-11	s	RESISTOR,CHIP 15K 1/10W (1608)
R513	1-218-875-11	s	RESISTOR,CHIP 15K 1/10W (1608)
R514	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/10W 1608
R515	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/10W 1608
R516	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/10W 1608
R517	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/10W 1608
R518	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/10W 1608
R519	1-218-875-11	s	RESISTOR,CHIP 15K 1/10W (1608)
R520	1-218-875-11	s	RESISTOR,CHIP 15K 1/10W (1608)
R521	1-218-887-11	s	RESISTOR,CHIP 47K 1/10W (1608)
R522	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R523	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R524	1-218-887-11	s	RESISTOR,CHIP 47K 1/10W (1608)
R525	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R526	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R527	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R528	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R529	1-218-879-11	s	RESISTOR,CHIP 22K 1/10W (1608)
R530	1-218-879-11	s	RESISTOR,CHIP 22K 1/10W (1608)
R531	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R532	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R533	1-216-832-11	s	RESISTOR,CHIP 8.2K 1/16W 1608
R534	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R535	1-216-839-11	s	RESISTOR,CHIP 33K 1/10W 1608
R536	⚠ 1-219-146-11	s	RESISTOR,FUSE 1
R537	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R538	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R539	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R540	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R541	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R542	1-216-830-11	s	RESISTOR,CHIP 5.6K 1/10W 1608
R543	1-216-837-11	s	RESISTOR,CHIP 22K 1/10W 1608
R544	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R545	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R546	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R547	1-216-839-11	s	RESISTOR,CHIP 33K 1/10W 1608
R548	1-216-837-11	s	RESISTOR,CHIP 22K 1/10W 1608
R549	1-218-875-11	s	RESISTOR,CHIP 15K 1/10W (1608)
R550	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R551	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R552	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R553	1-216-835-11	s	RESISTOR,CHIP 15K 1/10W
R554	1-218-865-11	s	RESISTOR,CHIP 5.6K 1/10W(1608)
R555	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R556	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R557	1-218-865-11	s	RESISTOR,CHIP 5.6K 1/10W(1608)
R558	1-218-875-11	s	RESISTOR,CHIP 15K 1/10W (1608)
R559	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R560	1-216-830-11	s	RESISTOR,CHIP 5.6K 1/10W 1608
R561	1-216-835-11	s	RESISTOR,CHIP 15K 1/10W
R562	1-216-813-11	s	RESISTOR, CHIP 220 1/10W 1608
R563	1-216-813-11	s	RESISTOR, CHIP 220 1/10W 1608
R564	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R565	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608

(MAIN B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R568	1-218-616-11	s	RESISTOR,METAL (CHIP) 15
R569	1-216-835-11	s	RESISTOR,CHIP 15K 1/10W
R570	1-218-616-11	s	RESISTOR,METAL (CHIP) 15
R571	1-218-616-11	s	RESISTOR,METAL (CHIP) 15
R572	1-218-616-11	s	RESISTOR,METAL (CHIP) 15
R573	1-218-863-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R574	1-216-853-11	s	RESISTOR,CHIP 470K 1/16W(1608)
R575	1-216-853-11	s	RESISTOR,CHIP 470K 1/16W(1608)
R576	1-216-853-11	s	RESISTOR,CHIP 470K 1/16W(1608)
R577	1-216-853-11	s	RESISTOR,CHIP 470K 1/16W(1608)
R578	1-218-863-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R579	1-218-863-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R580	1-218-863-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R581	⚠ 1-219-146-11	s	RESISTOR,FUSE 1
R582	1-216-835-11	s	RESISTOR,CHIP 15K 1/10W
R583	⚠ 1-219-146-11	s	RESISTOR,FUSE 1
R584	⚠ 1-219-146-11	s	RESISTOR,FUSE 1
R585	⚠ 1-219-146-11	s	RESISTOR,FUSE 1
R586	⚠ 1-219-146-11	s	RESISTOR,FUSE 1
R587	⚠ 1-219-146-11	s	RESISTOR,FUSE 1
R588	⚠ 1-219-146-11	s	RESISTOR,FUSE 1
R589	1-218-616-11	s	RESISTOR,METAL (CHIP) 15
R590	⚠ 1-219-146-11	s	RESISTOR,FUSE 1
R591	1-218-616-11	s	RESISTOR,METAL (CHIP) 15
R592	1-219-684-11	s	RESISTOR, CHIP 0.01 1W
R593	1-219-684-11	s	RESISTOR, CHIP 0.01 1W
R594	1-219-684-11	s	RESISTOR, CHIP 0.01 1W
R595	1-219-684-11	s	RESISTOR, CHIP 0.01 1W
R596	1-216-845-11	s	RESISTOR,CHIP 100K 1/10W(1608)
R597	1-216-845-11	s	RESISTOR,CHIP 100K 1/10W(1608)
R598	1-216-839-11	s	RESISTOR,CHIP 33K 1/10W 1608
R599	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R600	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R601	1-216-836-11	s	RESISTOR, CHIP 18K 1/10W 1608
R602	1-216-836-11	s	RESISTOR, CHIP 18K 1/10W 1608
R603	1-216-836-11	s	RESISTOR, CHIP 18K 1/10W 1608
R604	⚠ 1-219-146-11	s	RESISTOR,FUSE 1
R605	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R606	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R607	1-216-837-11	s	RESISTOR,CHIP 22K 1/10W 1608
R608	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R609	1-216-837-11	s	RESISTOR,CHIP 22K 1/10W 1608
R610	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R611	1-216-817-11	s	RESISTOR,CHIP 470 1/10W 1608
R612	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R613	1-216-837-11	s	RESISTOR,CHIP 22K 1/10W 1608
R614	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R615	1-216-837-11	s	RESISTOR,CHIP 22K 1/10W 1608
R616	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R617	1-218-636-11	s	RESISTOR METAL FILM (CHIP)680
R618	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R619	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R620	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R621	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R622	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R623	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R624	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R625	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R626	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)

(MAIN B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R627	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R628	1-216-837-11	s	RESISTOR,CHIP 22K 1/10W 1608
R629	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R630	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R631	1-216-837-11	s	RESISTOR,CHIP 22K 1/10W 1608
R632	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R633	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/10W 1608
R636	1-216-845-11	s	RESISTOR,CHIP 100K 1/10W(1608)
R637	1-216-845-11	s	RESISTOR,CHIP 100K 1/10W(1608)
R638	1-218-839-11	s	RESISTOR,CHIP 470 1/10W (1608)
R639	1-218-839-11	s	RESISTOR,CHIP 470 1/10W (1608)
R640	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R641	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R642	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R643	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R644	1-218-899-11	s	RESISTOR,CHIP 150K 1/10W(1608)
R645	1-218-899-11	s	RESISTOR,CHIP 150K 1/10W(1608)
R646	1-218-899-11	s	RESISTOR,CHIP 150K 1/10W(1608)
R647	1-218-899-11	s	RESISTOR,CHIP 150K 1/10W(1608)
R648	1-218-875-11	s	RESISTOR,CHIP 15K 1/10W (1608)
R649	1-218-875-11	s	RESISTOR,CHIP 15K 1/10W (1608)
R650	1-218-857-11	s	RESISTOR,CHIP 2.7K 1/10W(1608)
R651	1-218-839-11	s	RESISTOR,CHIP 470 1/10W (1608)
R652	1-218-857-11	s	RESISTOR,CHIP 2.7K 1/10W(1608)
R653	1-218-839-11	s	RESISTOR,CHIP 470 1/10W (1608)
R654	1-218-857-11	s	RESISTOR,CHIP 2.7K 1/10W(1608)
R655	1-218-839-11	s	RESISTOR,CHIP 470 1/10W (1608)
R656	1-218-857-11	s	RESISTOR,CHIP 2.7K 1/10W(1608)
R657	1-218-839-11	s	RESISTOR,CHIP 470 1/10W (1608)
R658	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R659	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R660	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R661	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R662	1-218-889-11	s	RESISTOR,CHIP 56K 1/10W(1608)
R663	1-218-889-11	s	RESISTOR,CHIP 56K 1/10W(1608)
R664	1-218-889-11	s	RESISTOR,CHIP 56K 1/10W(1608)
R665	1-218-889-11	s	RESISTOR,CHIP 56K 1/10W(1608)
R666	1-218-863-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R667	1-218-863-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R668	1-218-863-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R669	1-218-863-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R670	1-218-859-11	s	RESISTOR,CHIP 3.3K 1/10W(1608)
R671	1-218-859-11	s	RESISTOR,CHIP 3.3K 1/10W(1608)
R672	1-218-859-11	s	RESISTOR,CHIP 3.3K 1/10W(1608)
R673	1-218-859-11	s	RESISTOR,CHIP 3.3K 1/10W(1608)
R674	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R675	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R676	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R677	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R678	1-218-875-11	s	RESISTOR,CHIP 15K 1/10W (1608)
R679	1-218-875-11	s	RESISTOR,CHIP 15K 1/10W (1608)
R680	1-219-681-21	s	RESISTOR (SQUARE TYPE) 0.018
R681	1-219-681-21	s	RESISTOR (SQUARE TYPE) 0.018
R682	1-219-681-21	s	RESISTOR (SQUARE TYPE) 0.018
R683	1-219-681-21	s	RESISTOR (SQUARE TYPE) 0.018
R684	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R685	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R686	1-211-985-11	s	RESISTOR,CHIP 47 1/10W (1608)
R687	1-211-985-11	s	RESISTOR,CHIP 47 1/10W (1608)

(MAIN B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R706	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608
R707	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R708	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R709	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R710	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R711	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608
R712	1-218-875-11	s	RESISTOR,CHIP 15K 1/10W (1608)
R713	1-218-875-11	s	RESISTOR,CHIP 15K 1/10W (1608)
R714	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/10W 1608
R715	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/10W 1608
R716	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/10W 1608
R717	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/10W 1608
R718	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/10W 1608
R719	1-218-875-11	s	RESISTOR,CHIP 15K 1/10W (1608)
R720	1-218-875-11	s	RESISTOR,CHIP 15K 1/10W (1608)
R721	1-218-887-11	s	RESISTOR,CHIP 47K 1/10W (1608)
R722	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R723	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R724	1-218-887-11	s	RESISTOR,CHIP 47K 1/10W (1608)
R725	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R726	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R728	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R729	1-218-879-11	s	RESISTOR,CHIP 22K 1/10W (1608)
R730	1-218-879-11	s	RESISTOR,CHIP 22K 1/10W (1608)
R731	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R732	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R733	1-216-832-11	s	RESISTOR,CHIP 8.2K 1/16W 1608
R734	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R735	1-216-839-11	s	RESISTOR,CHIP 33K 1/10W 1608
R737	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R738	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R739	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R741	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R742	1-216-830-11	s	RESISTOR,CHIP 5.6K 1/10W 1608
R744	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R745	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R746	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R747	1-216-839-11	s	RESISTOR,CHIP 33K 1/10W 1608
R749	1-218-875-11	s	RESISTOR,CHIP 15K 1/10W (1608)
R750	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R751	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R752	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R753	1-216-835-11	s	RESISTOR,CHIP 15K 1/10W
R754	1-218-865-11	s	RESISTOR,CHIP 5.6K 1/10W(1608)
R755	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R756	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R757	1-218-865-11	s	RESISTOR,CHIP 5.6K 1/10W(1608)
R758	1-218-875-11	s	RESISTOR,CHIP 15K 1/10W (1608)
R759	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R760	1-216-830-11	s	RESISTOR,CHIP 5.6K 1/10W 1608
R761	1-216-835-11	s	RESISTOR,CHIP 15K 1/10W
R762	1-216-813-11	s	RESISTOR, CHIP 220 1/10W 1608
R763	1-216-813-11	s	RESISTOR, CHIP 220 1/10W 1608
R764	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R765	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R768	1-218-616-11	s	RESISTOR,METAL (CHIP) 15
R769	1-216-835-11	s	RESISTOR,CHIP 15K 1/10W
R770	1-218-616-11	s	RESISTOR,METAL (CHIP) 15
R771	1-218-616-11	s	RESISTOR,METAL (CHIP) 15

(MAIN B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R772	1-218-616-11	s	RESISTOR,METAL (CHIP) 15
R773	1-218-863-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R774	1-216-853-11	s	RESISTOR,CHIP 470K 1/16W(1608)
R775	1-216-853-11	s	RESISTOR,CHIP 470K 1/16W(1608)
R776	1-216-853-11	s	RESISTOR,CHIP 470K 1/16W(1608)
R777	1-216-853-11	s	RESISTOR,CHIP 470K 1/16W(1608)
R778	1-218-863-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R779	1-218-863-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R780	1-218-863-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R781	⚠ 1-219-146-11	s	RESISTOR,FUSE 1
R782	1-216-835-11	s	RESISTOR,CHIP 15K 1/10W
R783	⚠ 1-219-146-11	s	RESISTOR,FUSE 1
R784	⚠ 1-219-146-11	s	RESISTOR,FUSE 1
R785	⚠ 1-219-146-11	s	RESISTOR,FUSE 1
R786	⚠ 1-219-146-11	s	RESISTOR,FUSE 1
R787	⚠ 1-219-146-11	s	RESISTOR,FUSE 1
R788	⚠ 1-219-146-11	s	RESISTOR,FUSE 1
R789	1-218-616-11	s	RESISTOR,METAL (CHIP) 15
R790	⚠ 1-219-146-11	s	RESISTOR,FUSE 1
R791	1-218-616-11	s	RESISTOR,METAL (CHIP) 15
R792	1-219-684-11	s	RESISTOR, CHIP 0.01 1W
R793	1-219-684-11	s	RESISTOR, CHIP 0.01 1W
R794	1-219-684-11	s	RESISTOR, CHIP 0.01 1W
R795	1-219-684-11	s	RESISTOR, CHIP 0.01 1W
R796	1-216-845-11	s	RESISTOR,CHIP 100K 1/10W(1608)
R797	1-216-845-11	s	RESISTOR,CHIP 100K 1/10W(1608)
R807	1-216-837-11	s	RESISTOR,CHIP 22K 1/10W 1608
R808	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R809	1-216-837-11	s	RESISTOR,CHIP 22K 1/10W 1608
R810	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R813	1-216-837-11	s	RESISTOR,CHIP 22K 1/10W 1608
R814	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R815	1-216-837-11	s	RESISTOR,CHIP 22K 1/10W 1608
R816	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R818	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R819	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R820	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R825	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R827	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R828	1-216-837-11	s	RESISTOR,CHIP 22K 1/10W 1608
R829	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R831	1-216-837-11	s	RESISTOR,CHIP 22K 1/10W 1608
R833	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/10W 1608
R836	1-216-845-11	s	RESISTOR,CHIP 100K 1/10W(1608)
R837	1-216-845-11	s	RESISTOR,CHIP 100K 1/10W(1608)
R838	1-218-839-11	s	RESISTOR,CHIP 470 1/10W (1608)
R839	1-218-839-11	s	RESISTOR,CHIP 470 1/10W (1608)
R840	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R841	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R842	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R843	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R844	1-218-899-11	s	RESISTOR,CHIP 150K 1/10W(1608)
R845	1-218-899-11	s	RESISTOR,CHIP 150K 1/10W(1608)
R846	1-218-899-11	s	RESISTOR,CHIP 150K 1/10W(1608)
R847	1-218-899-11	s	RESISTOR,CHIP 150K 1/10W(1608)
R848	1-218-875-11	s	RESISTOR,CHIP 15K 1/10W (1608)
R849	1-218-875-11	s	RESISTOR,CHIP 15K 1/10W (1608)
R850	1-218-857-11	s	RESISTOR,CHIP 2.7K 1/10W(1608)
R851	1-218-839-11	s	RESISTOR,CHIP 470 1/10W (1608)

(MAIN B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R852	1-218-857-11	s	RESISTOR,CHIP 2.7K 1/10W(1608)
R853	1-218-839-11	s	RESISTOR,CHIP 470 1/10W (1608)
R854	1-218-857-11	s	RESISTOR,CHIP 2.7K 1/10W(1608)
R855	1-218-839-11	s	RESISTOR,CHIP 470 1/10W (1608)
R856	1-218-857-11	s	RESISTOR,CHIP 2.7K 1/10W(1608)
R857	1-218-839-11	s	RESISTOR,CHIP 470 1/10W (1608)
R858	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R859	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R860	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R861	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R862	1-218-889-11	s	RESISTOR,CHIP 56K 1/10W(1608)
R863	1-218-889-11	s	RESISTOR,CHIP 56K 1/10W(1608)
R864	1-218-889-11	s	RESISTOR,CHIP 56K 1/10W(1608)
R865	1-218-889-11	s	RESISTOR,CHIP 56K 1/10W(1608)
R866	1-218-863-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R867	1-218-863-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R868	1-218-863-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R869	1-218-863-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R870	1-218-859-11	s	RESISTOR,CHIP 3.3K 1/10W(1608)
R871	1-218-859-11	s	RESISTOR,CHIP 3.3K 1/10W(1608)
R872	1-218-859-11	s	RESISTOR,CHIP 3.3K 1/10W(1608)
R873	1-218-859-11	s	RESISTOR,CHIP 3.3K 1/10W(1608)
R874	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R875	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R876	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R877	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R878	1-218-875-11	s	RESISTOR,CHIP 15K 1/10W (1608)
R879	1-218-875-11	s	RESISTOR,CHIP 15K 1/10W (1608)
R880	1-219-706-11	s	RESISTOR, CHIP 0.10/1W
R881	1-219-706-11	s	RESISTOR, CHIP 0.10/1W
R882	1-219-706-11	s	RESISTOR, CHIP 0.10/1W
R883	1-219-706-11	s	RESISTOR, CHIP 0.10/1W
R884	1-218-839-11	s	RESISTOR,CHIP 470 1/10W (1608)
R885	1-218-839-11	s	RESISTOR,CHIP 470 1/10W (1608)
R886	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R887	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R888	1-211-985-11	s	RESISTOR,CHIP 47 1/10W (1608)
R889	1-211-985-11	s	RESISTOR,CHIP 47 1/10W (1608)
R901	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R902	1-218-867-11	s	RESISTOR,CHIP 6.8K 1/10W(1608)
R903	1-216-820-11	s	RESISTOR, CHIP 820 1/10W 1608
R904	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R912	1-216-815-11	s	RESISTOR,CHIP 330 1/10W 1608
R913	1-216-815-11	s	RESISTOR,CHIP 330 1/10W 1608
R914	1-216-845-11	s	RESISTOR,CHIP 100K 1/10W(1608)
R915	1-218-446-11	s	RESISTOR,CHIP 1 (1608)
R916	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R917	1-216-846-11	s	RESISTOR,CHIP 120K 1/16W (1608
R918	1-216-846-11	s	RESISTOR,CHIP 120K 1/16W (1608
R919	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R920	1-216-822-11	s	RESISTOR, CHIP 1.2K 1/10W 1608
R921	1-219-611-21	s	RESISTOR, CHIP 0.047 1W
R922	1-218-867-11	s	RESISTOR,CHIP 6.8K 1/10W(1608)
R923	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R925	1-216-823-11	s	RESISTOR, CHIP 1.5K 1/10W
R927	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R928	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R929	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R930	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)

(MAIN B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R931	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
RB400	1-233-414-11	s	RESISTOR,CHIP NETWORK 4.7K
RB401	1-233-414-11	s	RESISTOR,CHIP NETWORK 4.7K
RB403	1-233-576-11	s	RESISTOR,CHIP NETWORK 100
RB404	1-233-576-11	s	RESISTOR,CHIP NETWORK 100
RB405	1-233-576-11	s	RESISTOR,CHIP NETWORK 100
RB406	1-233-576-11	s	RESISTOR,CHIP NETWORK 100
RB407	1-233-576-11	s	RESISTOR,CHIP NETWORK 100
RB408	1-236-908-11	s	RESISTOR,NETWORK 10K (3216)
RB409	1-236-908-11	s	RESISTOR,NETWORK 10K (3216)
RB410	1-236-908-11	s	RESISTOR,NETWORK 10K (3216)
RB411	1-236-908-11	s	RESISTOR,NETWORK 10K (3216)
RB412	1-233-576-11	s	RESISTOR,CHIP NETWORK 100
RB413	1-233-414-11	s	RESISTOR,CHIP NETWORK 4.7K
RB414	1-236-908-11	s	RESISTOR,NETWORK 10K (3216)
RB415	1-236-908-11	s	RESISTOR,NETWORK 10K (3216)
RB416	1-236-908-11	s	RESISTOR,NETWORK 10K (3216)
RB417	1-236-908-11	s	RESISTOR,NETWORK 10K (3216)
RB418	1-236-908-11	s	RESISTOR,NETWORK 10K (3216)
RV501	1-225-789-21	s	RES, ADJ, CERMET 2K
RV503	1-225-889-21	s	RESISTOR,ADJ,CERMET(3TYPE)100
RV504	1-225-889-21	s	RESISTOR,ADJ,CERMET(3TYPE)100
RV803	1-225-889-21	s	RESISTOR,ADJ,CERMET(3TYPE)100
RV804	1-225-889-21	s	RESISTOR,ADJ,CERMET(3TYPE)100
RV805	1-225-889-21	s	RESISTOR,ADJ,CERMET(3TYPE)100
RV806	1-225-889-21	s	RESISTOR,ADJ,CERMET(3TYPE)100
THP901 ⚠	1-801-826-21	s	THERMISTOR, POSITIVE (REX075)
THP902 ⚠	1-803-314-11	s	THERMISTOR, POSITIVE
THP904 ⚠	1-801-826-21	s	THERMISTOR, POSITIVE (REX075)
THP905 ⚠	1-801-826-21	s	THERMISTOR, POSITIVE (REX075)
TP507	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP508	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
X251	1-795-937-21	s	OSCILLATOR, CRYSTAL
X400	1-795-945-21	s	OSCILLATOR, CRYSTAL (SMD)

METER B BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1094-469-A	s	MOUNTED CIRCUIT BOARD, METER B
C1501	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
C1502	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1503	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
C1504	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1505	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C1506	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1507	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C1508	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1509	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1510	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C1511	1-128-996-11	s	CAPACITOR, ELECT 4.7MF50V
CN1501	1-784-776-11	s	CONNECTOR, FFC 15P
D1501	8-719-988-61	s	DIODE 1SS355TE-17
D1502	8-719-988-61	s	DIODE 1SS355TE-17
D1503	8-719-064-07	s	DIODE SML-310LTT86
D1504	8-719-064-07	s	DIODE SML-310LTT86
D1505	8-719-064-52	s	DIODE CL-191YG-CD-T
D1506	8-719-064-52	s	DIODE CL-191YG-CD-T
D1507	8-719-064-52	s	DIODE CL-191YG-CD-T
D1508	8-719-064-07	s	DIODE SML-310LTT86
D1509	8-719-064-07	s	DIODE SML-310LTT86
D1510	8-719-064-07	s	DIODE SML-310LTT86
D1511	8-719-064-07	s	DIODE SML-310LTT86
D1512	8-719-064-52	s	DIODE CL-191YG-CD-T
D1513	8-719-064-52	s	DIODE CL-191YG-CD-T
D1514	8-719-064-52	s	DIODE CL-191YG-CD-T
D1515	8-719-064-07	s	DIODE SML-310LTT86
D1516	8-719-064-07	s	DIODE SML-310LTT86
D1517	8-719-064-52	s	DIODE CL-191YG-CD-T
D1518	8-719-064-52	s	DIODE CL-191YG-CD-T
D1519	8-719-064-52	s	DIODE CL-191YG-CD-T
D1520	8-719-064-07	s	DIODE SML-310LTT86
D1521	8-719-064-52	s	DIODE CL-191YG-CD-T
D1522	8-719-064-07	s	DIODE SML-310LTT86
D1523	8-719-064-07	s	DIODE SML-310LTT86
D1524	8-719-064-52	s	DIODE CL-191YG-CD-T
D1525	8-719-064-52	s	DIODE CL-191YG-CD-T
D1526	8-719-064-52	s	DIODE CL-191YG-CD-T
D1527	8-719-046-43	s	LED SEL5421E-TH15
D1528	8-719-046-43	s	LED SEL5421E-TH15
D1529	8-719-046-43	s	LED SEL5421E-TH15
D1530	8-719-046-43	s	LED SEL5421E-TH15
D1531	8-719-046-43	s	LED SEL5421E-TH15
D1541	8-719-058-04	s	LED SEL5223S-TP15
IC1501	8-759-396-78	s	IC BU2092F-E2
IC1502	8-759-396-78	s	IC BU2092F-E2
IC1503	8-759-396-78	s	IC BU2092F-E2
Q1501	8-729-027-23	s	TRANSISTOR DTA114EKA-T146
Q1502	8-729-027-59	s	TRANSISTOR DTC144EKA (T146)
Q1503	8-729-055-22	s	TRANSISTOR 2SA1734(TE12L)
Q1504	8-729-055-22	s	TRANSISTOR 2SA1734(TE12L)
Q1505	8-729-055-22	s	TRANSISTOR 2SA1734(TE12L)
Q1506	8-729-055-22	s	TRANSISTOR 2SA1734(TE12L)
Q1507	8-729-027-59	s	TRANSISTOR DTC144EKA (T146)

(METER B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R1501	1-216-822-11	s	RESISTOR, CHIP 1.2K 1/10W 1608
R1502	1-216-822-11	s	RESISTOR, CHIP 1.2K 1/10W 1608
R1503	1-216-806-11	s	RESISTOR,CHIP 56 1/10W 1608
R1504	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1505	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1506	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1507	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1508	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R1509	1-216-806-11	s	RESISTOR,CHIP 56 1/10W 1608
R1510	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R1511	1-216-806-11	s	RESISTOR,CHIP 56 1/10W 1608
R1512	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1513	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1514	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1515	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1516	1-216-806-11	s	RESISTOR,CHIP 56 1/10W 1608
R1517	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R1518	1-216-836-11	s	RESISTOR, CHIP 18K 1/10W 1608
R1519	1-218-867-11	s	RESISTOR,CHIP 6.8K 1/10W(1608)
R1520	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R1521	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/10W 1608
R1522	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R1523	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1524	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1525	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1526	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1527	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1528	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1529	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1530	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1531	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1532	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1533	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R1535	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1536	1-216-814-11	s	RESISTOR,CHIP 270 1/10W 1608
R1542	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
S1501	1-771-908-11	s	SWITCH, TACTILE
S1502	1-771-908-11	s	SWITCH, TACTILE
S1503	1-771-908-11	s	SWITCH, TACTILE
S1504	1-771-908-11	s	SWITCH, TACTILE
S1505	1-771-908-11	s	SWITCH, TACTILE
TP1501	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP1502	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP1503	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP1504	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)

PSW BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1094-686-A	s	MOUNTED CIRCUIT BOARD, PSW
C1001 ⚠	1-117-703-11	s	CAPASITOR,CERAMIC4700PF E
CN1001 ⚠	1-580-230-31	o	PIN,CONNECTOR (PC BOARD) 3P
S1001 ⚠	1-786-226-11	s	SWITCH, AC POWER PUSH

REMOTE B BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1094-465-A	s	MOUNTED CIRCUIT BOARD, REMOTE B
C1601	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1602	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1603	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1604	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1605	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
C1606	1-128-996-11	s	CAPACITOR, ELECT 4.7MF50V
C1607	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1608	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
C1609	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1610	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1611	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1612	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1613	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1614	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1615	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1616	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1617	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1618	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1619	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1620	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1621	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1622	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1623	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1624	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1625	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1626	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1627	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1628	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1629	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1630	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1631	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
C1632	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
CN1602	1-568-426-11	s	CONNECTOR, D-SUB (9 CORE)
CN1603	1-774-666-11	s	CONNECTOR, FFC/FPC 30P
CN1604	1-774-519-11	s	CONNECTOR, D SUB (SOCKET)25P
CN1605	1-568-426-11	s	CONNECTOR, D-SUB (9 CORE)
D1601	8-719-017-89	s	DIODE MA8150-TX
D1602	8-719-017-89	s	DIODE MA8150-TX
D1603	8-719-017-89	s	DIODE MA8150-TX
D1604	8-719-017-89	s	DIODE MA8150-TX
D1605	8-719-988-61	s	DIODE 1SS355TE-17
D1606	8-719-988-61	s	DIODE 1SS355TE-17
D1607	8-719-988-61	s	DIODE 1SS355TE-17
D1608	8-719-988-61	s	DIODE 1SS355TE-17
D1609	8-719-941-09	s	DIODE DAP202U
D1610	8-719-941-09	s	DIODE DAP202U
D1611	8-719-941-09	s	DIODE DAP202U
D1612	8-719-941-09	s	DIODE DAP202U
D1613	8-719-941-09	s	DIODE DAP202U
D1614	8-719-941-09	s	DIODE DAP202U
D1615	8-719-941-09	s	DIODE DAP202U
D1616	8-719-941-09	s	DIODE DAP202U
D1617	8-719-941-09	s	DIODE DAP202U
D1618	8-719-941-09	s	DIODE DAP202U
D1619	8-719-941-86	s	DIODE DAN202U
D1620	8-719-941-86	s	DIODE DAN202U

(REMOTE B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
D1621	8-719-941-86	s	DIODE DAN202U
D1622	8-719-941-86	s	DIODE DAN202U
D1623	8-719-941-86	s	DIODE DAN202U
D1624	8-719-988-61	s	DIODE 1SS355TE-17
D1625	8-719-988-61	s	DIODE 1SS355TE-17
D1626	8-719-988-61	s	DIODE 1SS355TE-17
D1627	8-719-988-61	s	DIODE 1SS355TE-17
D1628	8-719-988-61	s	DIODE 1SS355TE-17
D1629	8-719-988-61	s	DIODE 1SS355TE-17
D1630	8-719-988-61	s	DIODE 1SS355TE-17
D1631	8-719-988-61	s	DIODE 1SS355TE-17
D1632	8-719-988-61	s	DIODE 1SS355TE-17
D1633	8-719-988-61	s	DIODE 1SS355TE-17
D1634	8-719-017-89	s	DIODE MA8150-TX
D1635	8-719-017-89	s	DIODE MA8150-TX
D1636	8-719-017-89	s	DIODE MA8150-TX
D1637	8-719-017-89	s	DIODE MA8150-TX
IC1601	8-759-596-34	s	IC SN74LV4053APWR
IC1602	8-759-596-34	s	IC SN74LV4053APWR
IC1603	8-759-058-54	s	IC TC7S00FU-TE85R
IC1604	8-759-484-69	s	IC MAX3221CAE+TG068
IC1605	8-759-484-69	s	IC MAX3221CAE+TG068
J1602	1-565-790-41	s	JACK, SMALL TYPE 2P
L1601	1-412-031-11	s	CHIP INDUCTOR 47UH (3225)
L1602	1-412-031-11	s	CHIP INDUCTOR 47UH (3225)
Q1601	8-729-027-23	s	TRANSISTOR DTA114EKA-T146
Q1602	8-729-027-59	s	TRANSISTOR DTC144EKA (T146)
Q1603	8-729-027-59	s	TRANSISTOR DTC144EKA (T146)
Q1604	8-729-027-59	s	TRANSISTOR DTC144EKA (T146)
Q1605	8-729-027-42	s	TRANSISTOR DTC113ZKA-T146
Q1606	8-729-027-42	s	TRANSISTOR DTC113ZKA-T146
Q1607	8-729-027-42	s	TRANSISTOR DTC113ZKA-T146
Q1608	8-729-027-42	s	TRANSISTOR DTC113ZKA-T146
Q1609	8-729-027-42	s	TRANSISTOR DTC113ZKA-T146
Q1610	8-729-027-42	s	TRANSISTOR DTC113ZKA-T146
Q1611	8-729-027-42	s	TRANSISTOR DTC113ZKA-T146
Q1612	8-729-027-42	s	TRANSISTOR DTC113ZKA-T146
Q1613	8-729-027-42	s	TRANSISTOR DTC113ZKA-T146
Q1614	8-729-027-42	s	TRANSISTOR DTC113ZKA-T146
R1601	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R1602	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R1603	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R1604	1-216-815-11	s	RESISTOR,CHIP 330 1/10W 1608
R1605	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R1606	1-216-815-11	s	RESISTOR,CHIP 330 1/10W 1608
R1607	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/10W 1608
R1608	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/10W 1608
R1609	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/10W 1608
R1610	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/10W 1608
R1611	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/10W 1608
R1612	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/10W 1608
R1613	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/10W 1608
R1614	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/10W 1608
R1615	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/10W 1608
R1616	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/10W 1608
R1617	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/10W 1608
R1618	1-216-793-11	s	RESISTOR,CHIP 4.7 1/10W 1608

(REMOTE B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R1619	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R1620	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R1621	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R1622	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R1623	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R1624	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R1625	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R1626	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R1627	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R1628	1-216-834-11	s	RESISTOR,CHIP 12K 1/16W 1608
R1629	1-216-793-11	s	RESISTOR,CHIP 4.7 1/10W 1608
R1630	1-216-797-11	s	RESISTOR,CHIP 10 1/10W 1608
R1631	1-216-797-11	s	RESISTOR,CHIP 10 1/10W 1608
R1632	1-216-797-11	s	RESISTOR,CHIP 10 1/10W 1608
R1633	1-216-797-11	s	RESISTOR,CHIP 10 1/10W 1608
R1634	1-216-797-11	s	RESISTOR,CHIP 10 1/10W 1608
R1635	1-216-797-11	s	RESISTOR,CHIP 10 1/10W 1608
R1636	1-216-797-11	s	RESISTOR,CHIP 10 1/10W 1608
R1637	1-216-797-11	s	RESISTOR,CHIP 10 1/10W 1608
R1638	1-216-797-11	s	RESISTOR,CHIP 10 1/10W 1608
R1639	1-216-797-11	s	RESISTOR,CHIP 10 1/10W 1608
R1640	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R1641	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R1642	1-216-815-11	s	RESISTOR,CHIP 330 1/10W 1608
R1643	1-216-839-11	s	RESISTOR,CHIP 33K 1/10W 1608
R1644	1-216-839-11	s	RESISTOR,CHIP 33K 1/10W 1608
R1645	1-216-839-11	s	RESISTOR,CHIP 33K 1/10W 1608
R1646	1-216-839-11	s	RESISTOR,CHIP 33K 1/10W 1608
R1647	1-216-839-11	s	RESISTOR,CHIP 33K 1/10W 1608
R1648	1-216-839-11	s	RESISTOR,CHIP 33K 1/10W 1608
R1649	1-216-839-11	s	RESISTOR,CHIP 33K 1/10W 1608
R1650	1-216-839-11	s	RESISTOR,CHIP 33K 1/10W 1608
R1651	1-216-839-11	s	RESISTOR,CHIP 33K 1/10W 1608
R1652	1-216-839-11	s	RESISTOR,CHIP 33K 1/10W 1608
R1653	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R1654	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
S1601	1-554-088-00	s	SWITCH,KEY BOARD

SPK BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1094-475-A	s	MOUNTED CIRCUIT BOARD, SPK (for J/CE/CN)
1pc	A-1113-082-A	s	MOUNTED CIRCUIT BOARD, SPK (for UC)
C1101	1-136-192-61	s	CAP, METALIZED FILM 0.33MF
C1102	1-136-192-61	s	CAP, METALIZED FILM 0.33MF
C1103	1-136-192-61	s	CAP, METALIZED FILM 0.33MF
C1104	1-136-192-61	s	CAP, METALIZED FILM 0.33MF
C1105	1-136-192-61	s	CAP, METALIZED FILM 0.33MF
C1106	1-136-192-61	s	CAP, METALIZED FILM 0.33MF
C1107	1-136-192-61	s	CAP, METALIZED FILM 0.33MF
C1108	1-136-192-61	s	CAP, METALIZED FILM 0.33MF
C1109	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C1110	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C1111	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C1112	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
CN1101	1-785-682-11	s	PIN, CONNECTOR (PC BOARD) 7P
CN1103	1-779-978-11	s	PIN, CONNECTOR (3P)
CN1104	1-564-002-11	s	PIN, CONNECTOR 3P
CN1105	1-694-430-21	s	TERMINAL BOARD (8P) (for J/CE/CN)
CN1105	1-694-837-11	s	TERMINAL BOARD (SP) (for UC)
D1101	8-719-988-61	s	DIODE 1SS355TE-17
D1102	8-719-988-61	s	DIODE 1SS355TE-17
FB1101	1-410-397-21	s	FERRITE BEAD INDUCTOR
FB1102	1-410-397-21	s	FERRITE BEAD INDUCTOR
FB1103	1-410-397-21	s	FERRITE BEAD INDUCTOR
FB1104	1-410-397-21	s	FERRITE BEAD INDUCTOR
FB1105	1-410-397-21	s	FERRITE BEAD INDUCTOR
FB1106	1-410-397-21	s	FERRITE BEAD INDUCTOR
FB1107	1-410-397-21	s	FERRITE BEAD INDUCTOR
FB1108	1-410-397-21	s	FERRITE BEAD INDUCTOR
R1101	1-215-910-00	s	RESISTOR,METAL FILM 68 3W
R1102	1-215-910-00	s	RESISTOR,METAL FILM 68 3W
R1103	1-215-910-00	s	RESISTOR,METAL FILM 68 3W
R1104	1-215-910-00	s	RESISTOR,METAL FILM 68 3W
R1105	1-215-910-00	s	RESISTOR,METAL FILM 68 3W
R1106	1-215-910-00	s	RESISTOR,METAL FILM 68 3W
R1107	1-215-910-00	s	RESISTOR,METAL FILM 68 3W
R1108	1-215-910-00	s	RESISTOR,METAL FILM 68 3W
R1109	1-215-910-00	s	RESISTOR,METAL FILM 68 3W
R1110	1-215-910-00	s	RESISTOR,METAL FILM 68 3W
R1111	1-215-910-00	s	RESISTOR,METAL FILM 68 3W
R1112	1-215-910-00	s	RESISTOR,METAL FILM 68 3W
RY1101	1-755-310-11	s	RELAY
RY1102	1-755-310-11	s	RELAY

TUNER B BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1094-467-A	s	MOUNTED CIRCUIT BOARD, TUNER B
1pc	7-685-646-79	s	SCREW +BVTP 3X8
C1331	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
C1332	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C1333	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1335	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C1338	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C1339	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1341	1-162-915-11	s	CAPACITOR,CERAMIC 10PF/50V CH
C1345	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1346	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1347	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1348	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1349	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1350	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1351	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C1352	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1353	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C1354	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C1356	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
C1357	1-128-401-11	s	CAPACITOR,ELECT100MF/25V(CHIP)
C1358	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
CN1331	1-568-548-11	s	JACK,MINI PIN
CN1332	1-568-548-11	s	JACK,MINI PIN
CN1333	1-569-668-11	s	CONNECTOR, 10P
CN1334	1-569-668-11	s	CONNECTOR, 10P
CN1335	1-784-925-11	s	SOCKET, CONNECTOR (10P)
D1331	8-719-080-03	s	DIODE RB083L-20TE25
D1332	8-719-080-03	s	DIODE RB083L-20TE25
D1350	8-719-988-61	s	DIODE 1SS355TE-17
FB1331	1-400-040-11	s	BEAD, FERRITE (CHIP)
FB1332	1-400-040-11	s	BEAD, FERRITE (CHIP)
FB1334	1-400-040-11	s	BEAD, FERRITE (CHIP)
FB1335	1-400-040-11	s	BEAD, FERRITE (CHIP)
FB1336	1-400-040-11	s	BEAD, FERRITE (CHIP)
FB1337	1-400-040-11	s	BEAD, FERRITE (CHIP)
FB1338	1-400-040-11	s	BEAD, FERRITE (CHIP)
IC1334	8-759-394-36	s	IC BA09T
R1331	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R1332	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R1333	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R1334	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R1335	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R1336	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R1337	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R1338	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R1339	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R1340	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
T1331	1-429-252-11	s	TRANSFORMER, HIGH-FREQUENCY
T1332	1-429-252-11	s	TRANSFORMER, HIGH-FREQUENCY

VIDEO B BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1094-463-A	s	MOUNTED CIRCUIT BOARD, VIDEO B
C1201	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C1202	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C1203	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C1204	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1205	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C1206	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1207	1-124-779-00	s	CAPACITOR,ELECT 10MF/16V
C1208	1-126-197-11	s	CAPACITOR ERECT 10MF/50V
C1209	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1210	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C1211	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1212	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C1213	1-126-197-11	s	CAPACITOR ERECT 10MF/50V
C1214	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C1215	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C1216	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C1217	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C1218	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C1219	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1220	1-164-315-11	s	CAPACITOR,CERAMIC 470PF/50V CH
C1221	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1222	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1223	1-126-197-11	s	CAPACITOR ERECT 10MF/50V
C1224	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C1225	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C1226	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C1227	1-117-681-11	s	CAPACITOR, ELECT 100MF/16V
C1228	1-128-391-11	s	CAPACITOR,ELECT 330MF/6.3V
C1229	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1230	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1231	1-126-197-11	s	CAPACITOR ERECT 10MF/50V
C1232	1-126-197-11	s	CAPACITOR ERECT 10MF/50V
C1233	1-162-919-11	s	CAPACITOR,CERAMIC 22PF/50V CH
CN1201	1-568-463-11	s	CONNECTOR,D-SUB(SOCKET)15P
CN1202	1-568-463-11	s	CONNECTOR,D-SUB(SOCKET)15P
CN1203	1-770-692-11	s	CONNECTOR, FFC/FPC 9P
CN1204	1-568-463-11	s	CONNECTOR,D-SUB(SOCKET)15P
D1201	8-719-941-09	s	DIODE DAP202U
D1202	8-719-941-09	s	DIODE DAP202U
D1203	8-719-941-09	s	DIODE DAP202U
D1204	8-719-941-09	s	DIODE DAP202U
D1205	8-719-941-09	s	DIODE DAP202U
D1206	8-719-941-09	s	DIODE DAP202U
D1207	8-719-941-09	s	DIODE DAP202U
D1208	8-719-988-61	s	DIODE 1SS355TE-17
D1209	8-719-988-61	s	DIODE 1SS355TE-17
D1210	8-719-941-86	s	DIODE DAN202U
IC1201	8-759-474-37	s	IC NJM2279M (TE2)
IC1202	6-700-894-01	s	IC LT1675CGN-E2
IC1203	8-759-548-95	s	IC SN74LV00APWR
IC1204	6-701-493-01	s	IC AM26C32CNSR
IC1205	8-759-524-09	s	IC TC74VHC153FT (EL)
IC1206	6-701-492-01	s	IC AM26C31CNSR
IC1207	8-759-041-46	s	IC L78M05TLL-SONY-TL
IC1208	8-759-662-86	s	IC NJM79M05DL1A(TE2)
J1201	1-785-866-11	s	JACK, PIN 3P

(VIDEO B BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
J1202	1-785-867-31	s	JACK, PIN 1P
L1201	1-412-031-11	s	CHIP INDUCTOR 47UH (3225)
L1202	1-412-031-11	s	CHIP INDUCTOR 47UH (3225)
R1201	1-218-285-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1202	1-218-285-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1203	1-218-285-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1204	1-218-285-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1205	1-218-285-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1206	1-218-285-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1207	1-218-285-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1208	1-218-285-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1209	1-218-285-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1210	1-218-285-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1211	1-218-285-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1212	1-218-285-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1213	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R1214	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R1215	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R1216	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R1217	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R1218	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R1219	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R1220	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R1221	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R1222	1-216-823-11	s	RESISTOR, CHIP 1.5K 1/10W
R1223	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R1224	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R1225	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R1226	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R1227	1-218-285-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1228	1-218-285-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1229	1-218-285-11	s	RESISTOR,CHIP 75 1/16W (1608)
R1230	1-216-864-11	s	CONDUCTOR, CHIP (1608)

VR BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1094-476-A	s	MOUNTED CIRCUIT BOARD, VR
C1801	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C1802	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
RV1801	1-223-811-11	s	RESISTOR, VAR 100K/100K

3-4. Packing Materials & Supplied Accessories

Ref. No. or Q'ty	Part No.	SP	Description
2pcs	1-501-952-11	s	ANTENNA (for UC/CN/CE)
1pc	⚠ 1-551-631-22	s	COAD, POWER (for CE)
1pc	⚠ 1-551-812-11	s	COAD, POWER (for UC)
1pc	⚠ 1-783-481-42	s	CORD SET, POWER (for CN)
1pc	⚠ 1-783-795-24	s	CORD SET, POWER (for J)
1pc	2-190-467-02	s	MANUAL, INSTRUCTION (for J)
1pc	2-190-467-13	s	MANUAL, INSTRUCTION (for UC/CE)
1pc	2-190-467-23	s	MANUAL, INSTRUCTION (for CN)
1pc	2-590-486-03	s	CD-ROM (INSTRUCTION MANUAL)

Section 4
Semiconductor Pin Assignments

Contains information on semiconductors used for the unit. It includes a complete list of the semiconductors and their ID Nos. for retrieving information on “Semiconductor Pin Assifnments” CD-ROM, which is available separately. Please refer to this section together with the “Semiconductor Pin Assifnments” CD-ROM.

本機で使用している半導体の型名一覧とその半導体標準図検索用 ID 番号を記載しています。
別売の “Semiconductor Pin Assignments” CD-ROM 版と合わせてご覧ください。

Section 5
Block Diagrams

回路概説

1. MAIN 基板

(1) 概要

MAIN 基板は，電源回路・システムコントロール回路・DSP 回路・入出力回路・パワーアンプ回路など，本機の主な機能を行う。

以下に各回路の主な IC の動作を説明する。

(2) 電源回路 (Ref. No. 900 番台)

ダイオードおよびダイオードブリッジにて整流を行った後，各機能用に電圧を生成している。

- IC901 : オーディオ用 +15 V
- IC902 : オーディオ用 −15 V
- IC903 : PFI 検出用リセット IC
- IC904 : +5 V
- IC905 : DSP/LOGIC 用 +3.3 V
- IC906 : CPU 用 +3.3 V
- IC908 : ファンタム電源用 +48 V

(3) 入出力回路 (Ref. No. 0 〜 300 番台)

- IC201, 221, 302, 311 (A/D コンバータ)

入力されたオーディオ信号をデジタル信号に変換し，DSP に送る。

- IC392, 393, 394, 395 (D/A コンバータ)

DSPからのデジタル信号をアナログ信号に変換して出力する。

(4) パワーアンプ回路

(Ref. No. 500, 600 番台 : CH1, 2)

(Ref. No. 700, 800 番台 : CH3, 4)

- IC506, 507(CH1, 2)，IC706, 707(CH3, 4)

入力されたアナログ信号を増幅し出力する。

CPUからの信号で，リレーのON/OFFを行ったり保護回路を動作させたりする。

- IC501

パワーアンプ用の +50 V 電源を監視し，IC の定格を超えるような電圧が入力された時に CPU へ伝達し，CPU はパワーアンプのミューティングを行う。

- IC505, 705

DC サーボとして動作し，オフセット電圧を調整する。

- IC503 (CH1), 504 (CH2), 703 (CH3), 704 (CH4)

ヒートシンクの温度を監視し，電圧値として CPU に温度を伝える。CPU は自身のA/Dコンバータで電圧値を読み取り，温度が上昇した場合には FAN を高速に回転させたり，パワーアンプ回路をミューティングしたりする。

- その他

そのほか，パワーアンプ部には出力のDCを検出するDCプロテクション回路，ショート時などの過電流を検出してミューティングを行う保護回路などを搭載している。

(5) システムコントロール回路

- IC406

CPU。スイッチ，ボリュームの状態の読み込み，LEDの表示，DSPのコントロール，外部リモート機器との通信処理などを行う。

(6) DSP 回路

- IC413

DSP。GUIなどで設定された音声処理やミキシングを行う。

(7) ワイヤレス回路

Mic1，Mic2 において，ワイヤレスチューナが挿入され音声が入力されると，ワイヤレスチューナの信号を優先的に選択する。

- IC1334

+9 V レギュレータ。挿入されたワイヤレスチューナパックに電源を供給すると共に，アンテナ A，B にも電源を供給する。

2. VIDEO 基板

(1) 概要

VIDEO 基板は，A 〜 E に入力された映像信号を切り替え，出力する。

(2) 電源

- IC1207 : VIDEO 基板上の IC へ +5 V を供給する。
- IC1208 : VIDEO 基板上の IC へ −5 V を供給する。

(3) COMPOSITE 入出力

- IC1201

A 〜 C に入力されたCOMPOSITE信号をCPUからの制御信号で切り替えて出力する。

(4) RGB/COMPONENT 入出力

- IC1202

D, E に入力されたRGB/COMPONENT信号をCPUからの制御信号で切り替えて出力する。

- IC1204, 1205, 1206

D, E に入力されたSYNC信号をCPUからの制御信号で切り替えて出力する。

3. REMOTE 基板

(1) 概要

プロジェクタ，操作パネル，PC など外部接続機器とのインタフェースを備えている。

(2) RS-232C

- IC1604

CPU とSRP-X500P Managerをインストールしたパソコンを，RS-232C を用いて通信させるためのRS-232Cドライバ IC である。

- IC1605

CPU と RS-232C 端子を備えたプロジェクタやモニタディスプレイを，RS-232C を用いて通信させるための RS-232C ドライバ IC である。

(3) PARALLEL

- IC1601, 1602

PARALLEL 端子に接続された操作パネルからの制御信号をCPUで順番に読み取るための信号セレクタICである。

4. その他の基板

その他の基板の主な回路について説明する。

(1) フロントパネル

(FRONT, METER, LED, VR 基板)

本機の操作を行うためのスイッチ，ボリューム，赤外線発光部／受光部，ならびに表示 LED がある。

- IC1401

赤外線リモコンからの信号を受光する。

- IC1403, 1404

Input Volume，+48 V 切り替えスイッチ，Trim の電圧値をCPUで順番に読み取るための信号セレクタICである。

- IC1405

FRボタン，System Type切り替えスイッチ，Projector Protocol 切り替えスイッチ，Speaker Out ATT，IR OUTモード，PROJECTOR ON/STANDBYボタンの電圧値をCPUで順番に読み取るための信号セレクタICである。

- IC1406, 1407

IR OUT/EMG/RS-232C/FR/SIGNAL/AF/REF/IR の各 LED を点灯させるためのシリアル⇒パラレル変換 IC である。

- IC1501, 1502

SPEAKER OUTPUT インジケータならびに CLIP, PROTECTION, 70 V LINE インジケータを点灯させるためのシリアル⇒パラレル変換 IC である。

- IC1503

AV/RGB セレクトボタンで選択されたボタンならびに MUTING LEDを点灯させるためのシリアル⇒パラレル変換 IC である。

(2) 各ボリューム・スイッチの設定読み込み回路

各ボリューム・スイッチから出力される電圧を，CPUが自身のA/Dコンバータで読み取り，処理を行っている。IR OUT ボタン，FR ボタン，PROJECTOR ON/STANDBY ボタン，セレクタボタンには抵抗分圧回路が接続されており，ボリュームと同様に回路から出力される電圧をCPU が自身の A/D コンバータで読み取り，処理を行っている。

Circuit overview

1. MAIN board

(1) Outline

The MAIN board bears the primary functions of the SRP-X500P including the power circuit, system control circuit, DSP circuit, input/output circuit, and power amplifier circuit.

The following are the descriptions of the IC performances of each circuit.

(2) Power circuit (Ref. No. 900s)

Performs rectification with the diode and the diode bridge, and then generates voltage for each function.

- IC901: +15 V for audio
- IC902: −15 V for audio
- IC903: Reset IC for detecting PFI
- IC904: +5 V
- IC905: +3.3 V for DSP/LOGIC
- IC906: +3.3 V for CPU
- IC908: +48 V for phantom power

(3) Input/output circuit (Ref. No. 0 to 300s)

- IC201, IC221, IC302, and IC311 (A/D converters)

Convert input audio signals into digital signals, and then send them to DSP.

- IC392, IC393, IC394, and IC395 (D/A converters)

Convert the digital signals from DSP to analog signals, and then output them.

(4) Power amplifier circuit

(Ref. No. 500s, 600s: CH1 and CH2)

(Ref. No. 700s, 800s: CH3 and CH4)

- IC506, IC507 (CH1 and CH2), IC706, and IC707 (CH3 and CH4)

Amplify input analog signals, and then output them. Turn the relay on and off or activate the protection circuit with the signals from the CPU.

- IC501

Monitors the +50 V power for the power amplifier. When the voltage that exceeds the IC's rating is input, IC501 will notify it to the CPU, and the CPU mutes the power amplifier.

- IC505, and IC705

Act as DC servos, and adjust the offset voltages.

- IC503 (CH1), IC504 (CH2), IC703 (CH3), and IC704 (CH4)

Monitor the temperature of the heat sink, and notify the temperature to the CPU as a voltage value. The CPU reads the voltage value with its A/D converter. If the temperature rises, the CPU makes the FAN spin in higher speed, and mutes the power amplifier circuit.

- Other

The power amplifier block is also equipped with the DC protection circuit that detects the output DC, and with the protection circuit that mutes circuits when an overvoltage is detected when short-circuited.

(5) System control circuit

- IC406

This is a CPU, which reads the switch and volume statuses, displays the LED, controls the DSP, and establishes communication with external remote devices.

(6) DSP circuit

- IC413

This is a DSP, which processes or mixes the specified audio signals with GUI.

(7) Wireless circuit

When the wireless tuner is inserted in Mic1 or Mic2 and audio signals are input, signals from the wireless tuner are selected by priority.

- IC1334

This is a +9 V regulator, which supplies power to the inserted wireless tuner pack, and also supplies power to antainers A and B.

2. VIDEO board

(1) Outline

The VIDEO board switches the video signals input in A through E, and then outputs them.

(2) Power supplies

- IC1207: Supplies +5 V to the ICs on the VIDEO board.
- IC1208: Supplies −5 V to the ICs on the VIDEO board.

(3) COMPOSITE input/output

- IC1201

Switches the COMPOSITE signals input to A through C with the control signal from the CPU, and then outputs them.

(4) RGB/COMPONENT input/output

- IC1202

Switches the RGB/COMPONENT signals input to D and E with the control signal from the CPU, and then outputs them.

- IC1204, IC1205, IC1206

Switches the SYNC signals input to D and E with the control signal from the CPU, and then outputs them.

3. REMOTE board

(1) Outline

The REMOTE board is equipped with the ports that interface external connection devices such as a projector, operation panel, and PC.

(2) RS-232C

- IC1604

This is the RS-232C driver IC that is used to establish communication between the CPU and the PC on which the SRP-X500P Manager is installed, via RS-232C.

- IC1605

This is the RS-232C driver IC that is used to establish communication between the CPU and the projector or monitor display with a RS-232C terminal, via RS-232C.

(3) PARALLEL

- IC1601, and 1602

This is the signal selector IC that is used to read the control signals sent from the operation panel connected to the PARALLEL terminal at the CPU.

4. Other boards

The following are the descriptions of the main circuits of the other boards.

(1) Front panel

(FRONT, METER, LED, and VR boards)

The switches, volumes, and infrared transmitter/receiver that are used to operate the SRP-X500P, and the indicator LED are located on the front panel.

- IC1401

Receives signals from the infrared remote controller.

- IC1403, 1404

These are signal selector ICs for the CPU to read voltage of input volume, +48V switches and trim volume in turn.

- IC1405

It is a signal selector IC for the CPU to read voltage of FR buttons, SYSTEM TYPE selector, PROJECTOR PROTOCOL selector, SPEAKER OUTPUT ATT volume, IR OUTPUT MODE button and PROJECTOR ON/STANDBY button in turn.

- IC1406

These are the serial-to-parallel conversion ICs for the CPU to light indicator of IR OUTPUT MODE, EMG, RS-232C, FR, SIGNAL, AF, REF, and IR transmitter position.

- IC1501, 1502

These are the serial-to-parallel conversion ICs for the CPU to light indicators of SPEAKER OUTPUT level meter, CLIP, PROTECTION and 70 V LINE.

- IC1503

It is the serial-to-parallel conversion IC for the CPU to light indicators of AV/RGB select and Muting.

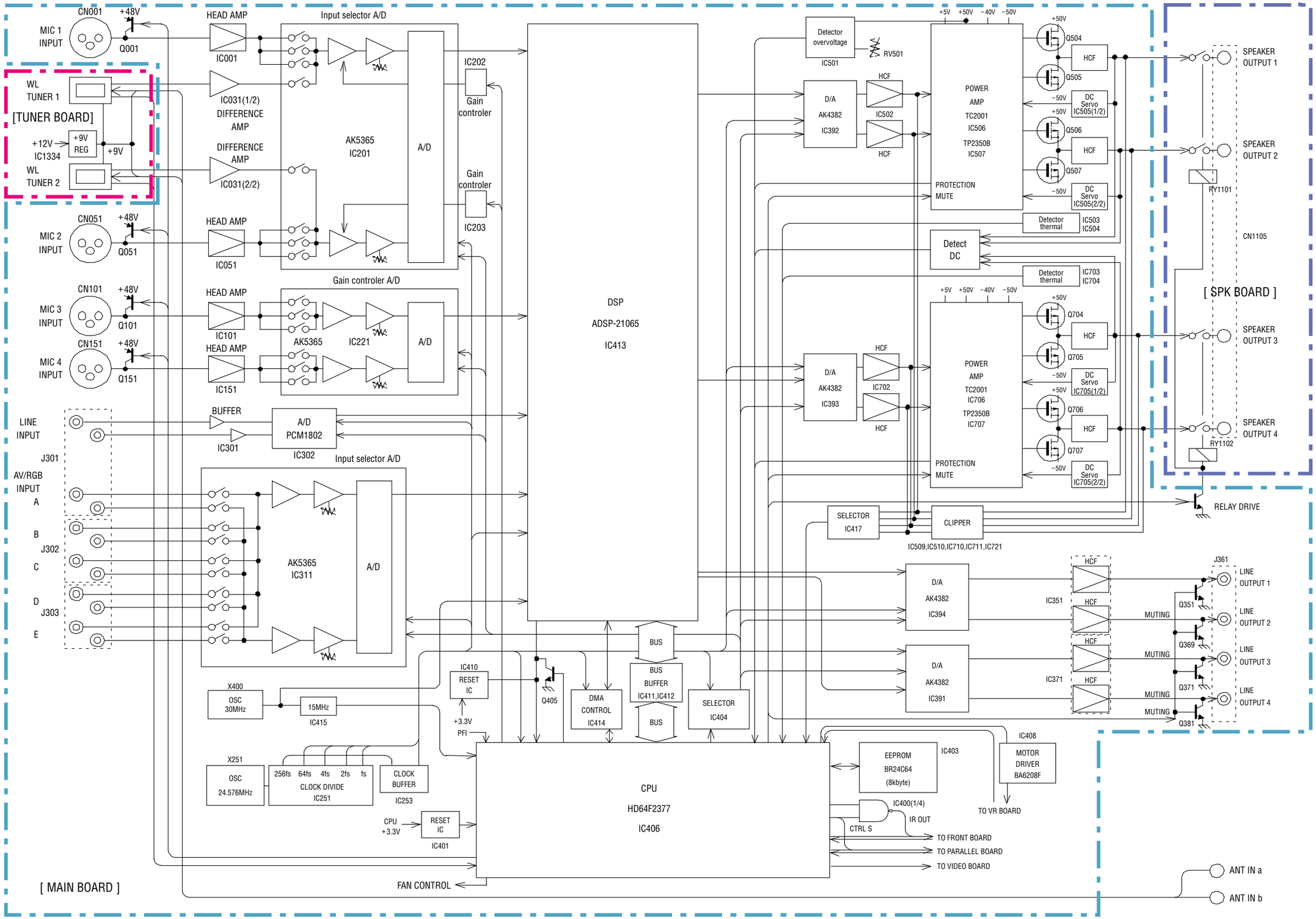
(2) Circuit that reads the setting of each volume switch

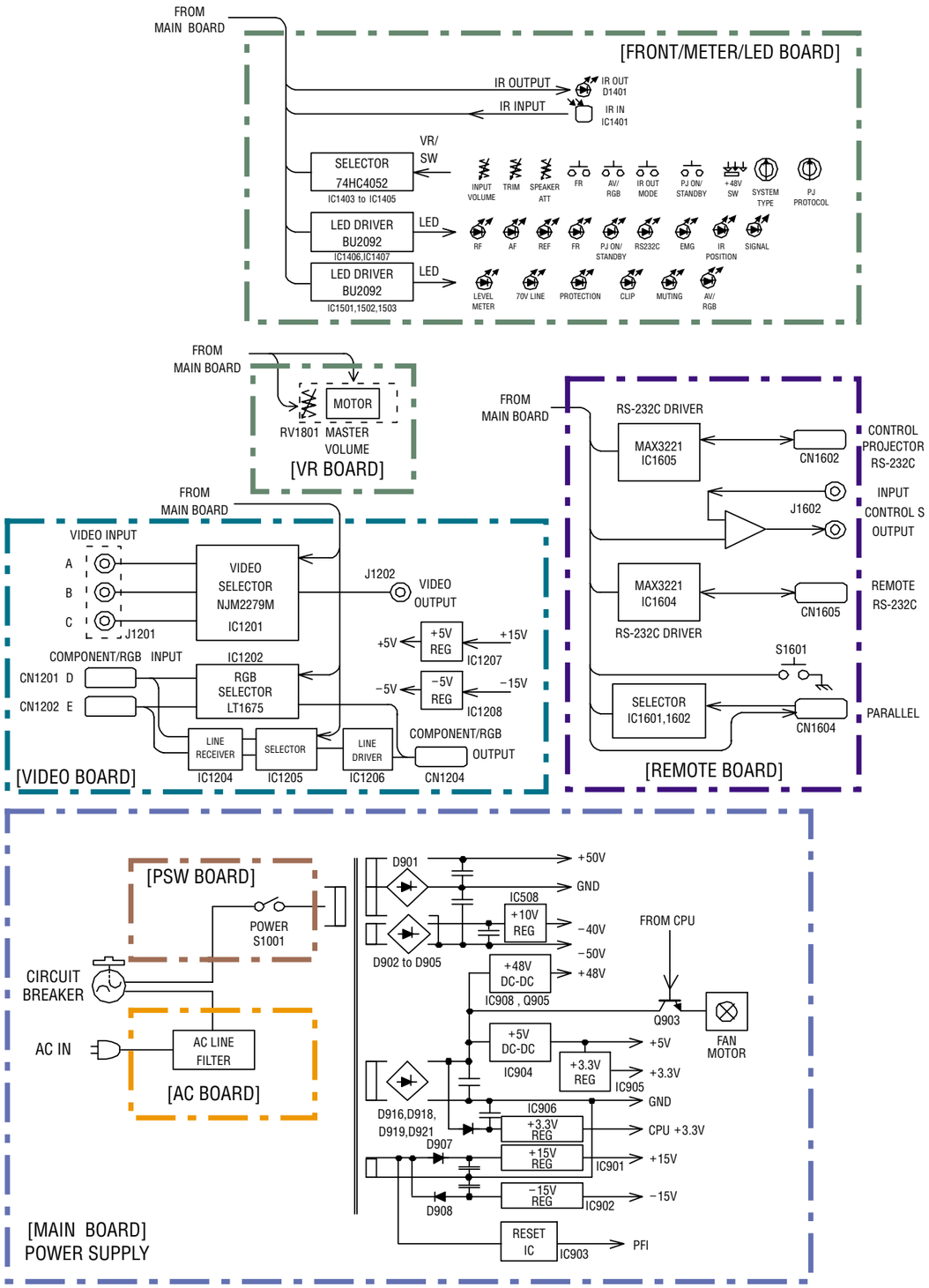
The CPU reads the voltage output from each volume switch with its A/D converter, and processes it.

The resistor voltage divider circuit is connected to the IR OUT button, FR button, PROJECTOR ON/STANDBY button, and selector button, and the CPU reads the output voltage from the circuit as well as the volume with its A/D converter and processes them.

5-2

SRP-X500P POWERED MIXER BLOCK DIAGRAM




FROM
MAIN BOARD
[FRONT/METER/LED BOARD]
IR OUTPUT
IR OUT
D1401
IR INPUT
IR IN
IC1401
VR/
SW
SELECTOR
74HC4052
IC1403 to IC1405
INPUT VOLUME
TRIM
SPEAKER ATT
FR
AV/ RGB
IR OUT MODE
PJ ON/ STANDBY
+48V SW
SYSTEM TYPE
PJ PROTOCOL
LED DRIVER
BU2092
IC1406,IC1407
LED
RF
AF
REF
FR
PJ ON/ STANDBY
RS232C
EMG
IR POSITION
SIGNAL
LED DRIVER
BU2092
IC1501,1502,1503
LED
LEVEL METER
70V LINE
PROTECTION
CLIP
MUTING
AV/ RGB
FROM
MAIN BOARD
MOTOR
RV1801 MASTER VOLUME
[VR BOARD]
FROM
MAIN BOARD
VIDEO INPUT
A
B
C
J1201
VIDEO SELECTOR
NJM2279M
IC1201
J1202
VIDEO OUTPUT
+5V
REG
+15V
IC1207
−5V
REG
−15V
IC1208
COMPONENT/RGB INPUT
IC1202
CN1201 D
CN1202 E
RGB SELECTOR
LT1675
COMPONENT/RGB OUTPUT
LINE RECEIVER
SELECTOR
LINE DRIVER
IC1204
IC1205
IC1206
CN1204
[VIDEO BOARD]
FROM
MAIN BOARD
RS-232C DRIVER
MAX3221
IC1605
CN1602
CONTROL PROJECTOR RS-232C
J1602
INPUT CONTROL S OUTPUT
MAX3221
IC1604
CN1605
REMOTE RS-232C
RS-232C DRIVER
S1601
SELECTOR
IC1601,1602
CN1604
PARALLEL
[REMOTE BOARD]
[PSW BOARD]
POWER
S1001
CIRCUIT BREAKER
AC IN
AC LINE FILTER
[AC BOARD]
D901
+50V
GND
IC508
+10V
REG
−40V
−50V
D902 to D905
+48V
DC-DC
+48V
IC908 , Q905
FROM CPU
Q903
FAN MOTOR
+5V
DC-DC
IC904
+5V
+3.3V
REG
IC905
+3.3V
GND
D916,D918,
D919,D921
IC906
+3.3V
REG
CPU +3.3V
D907
+15V
REG
IC901
+15V
−15V
REG
IC902
−15V
D908
RESET
IC
IC903
PFI
[MAIN BOARD]
POWER SUPPLY

5-4

Section 6
Board Layouts

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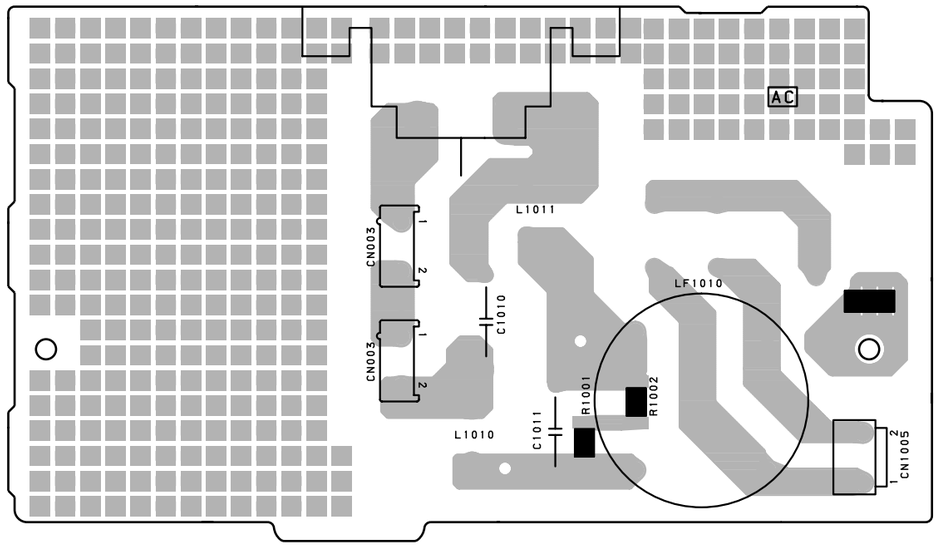

AC -A SIDE-
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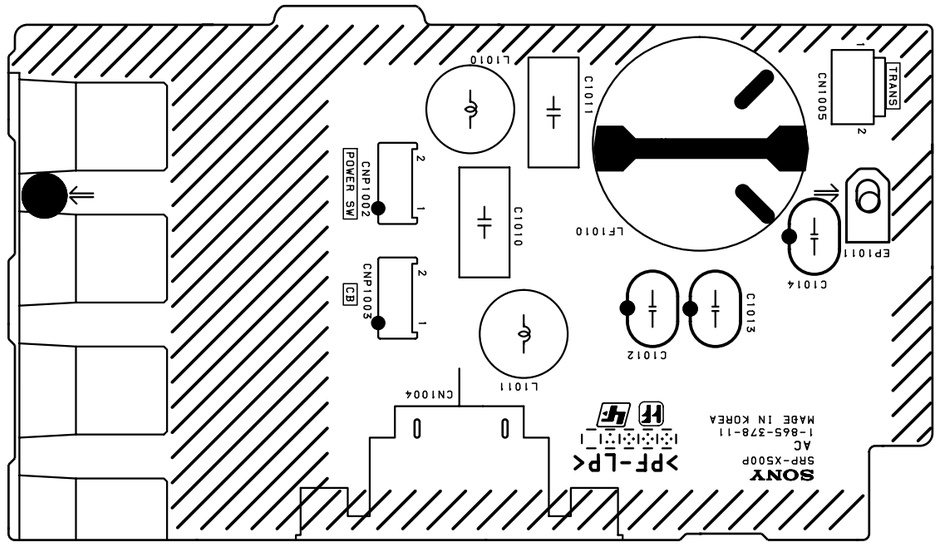

AC -B SIDE-
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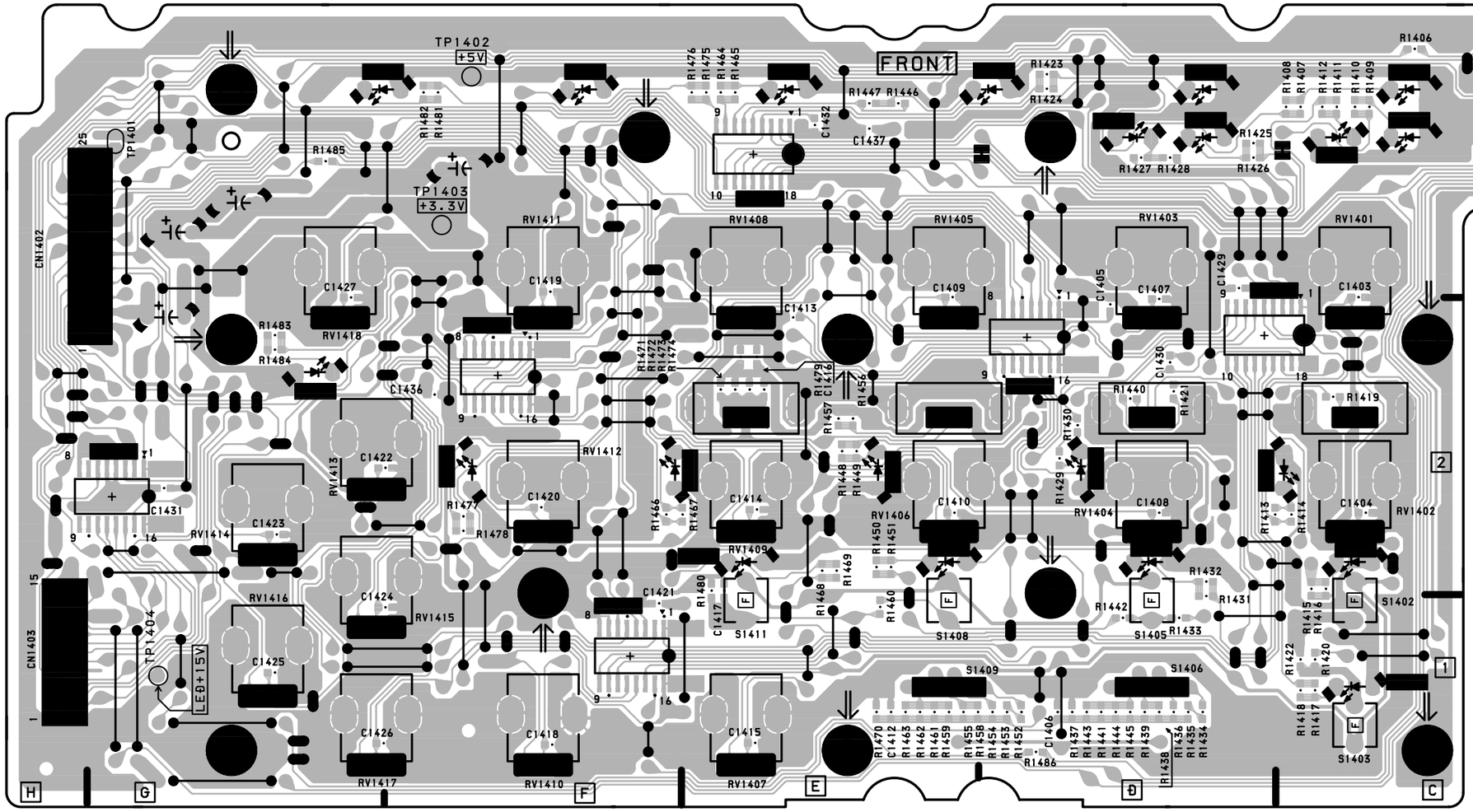

FRONT -A SIDE-
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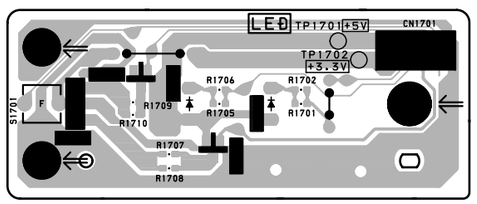

LED -A SIDE-
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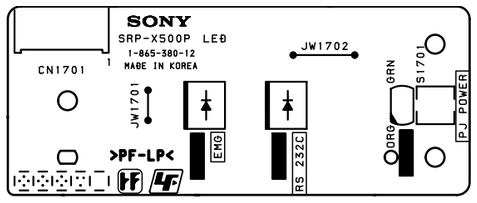

LED -B SIDE-
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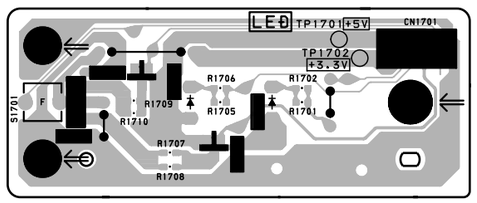

LED -A SIDE-
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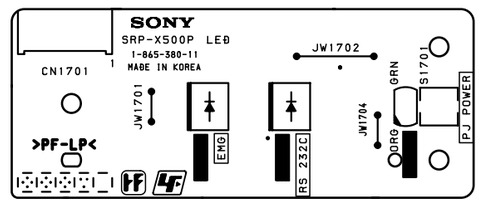
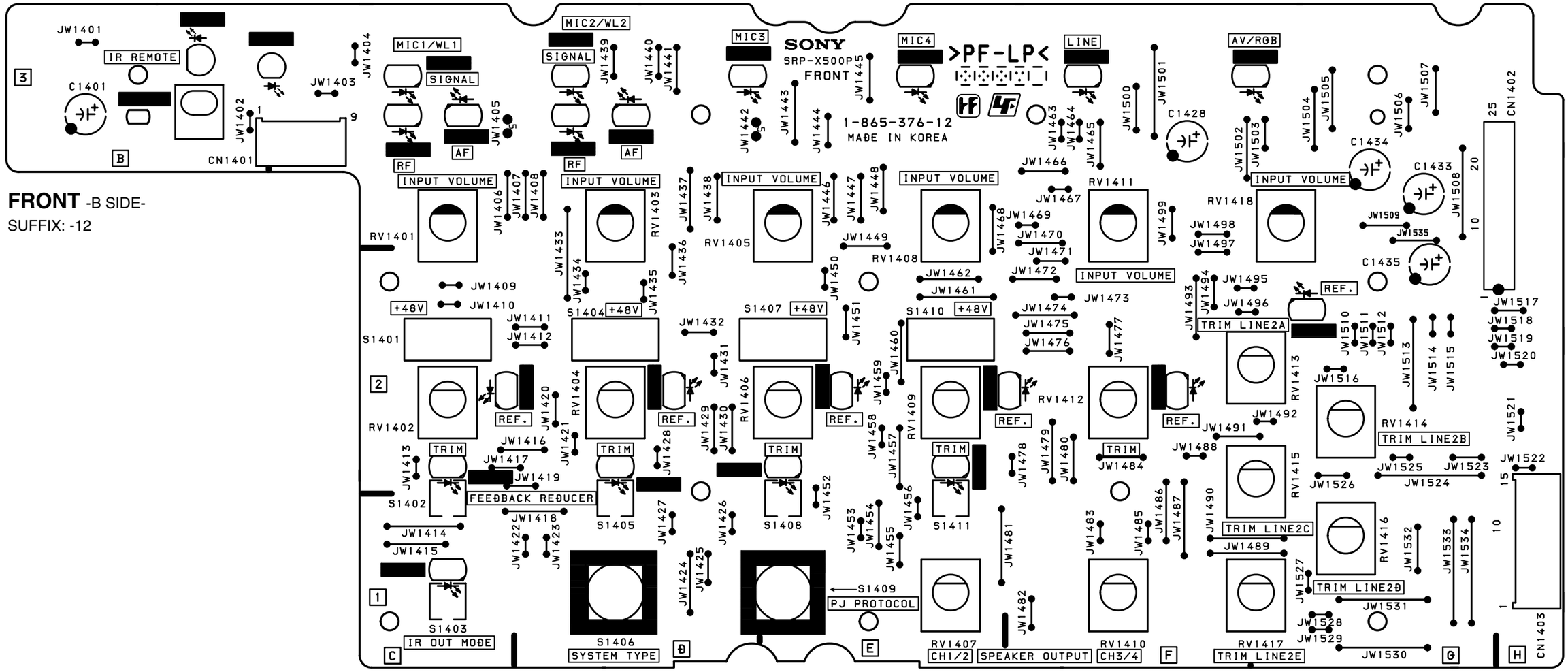
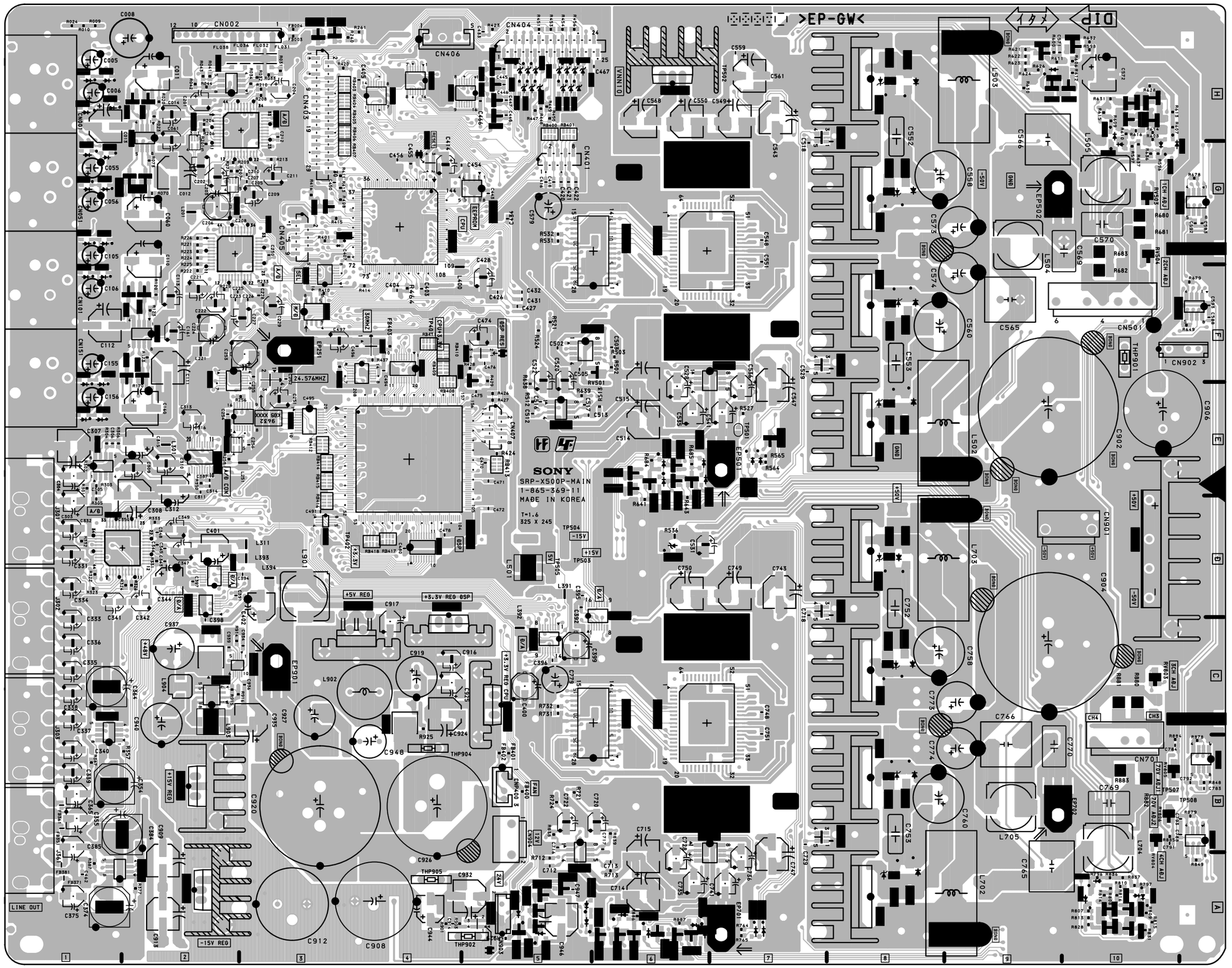


LED -B SIDE-
SUFFIX: -11

FRONT -B SIDE-
SUFFIX: -12





MAIN -A SIDE-
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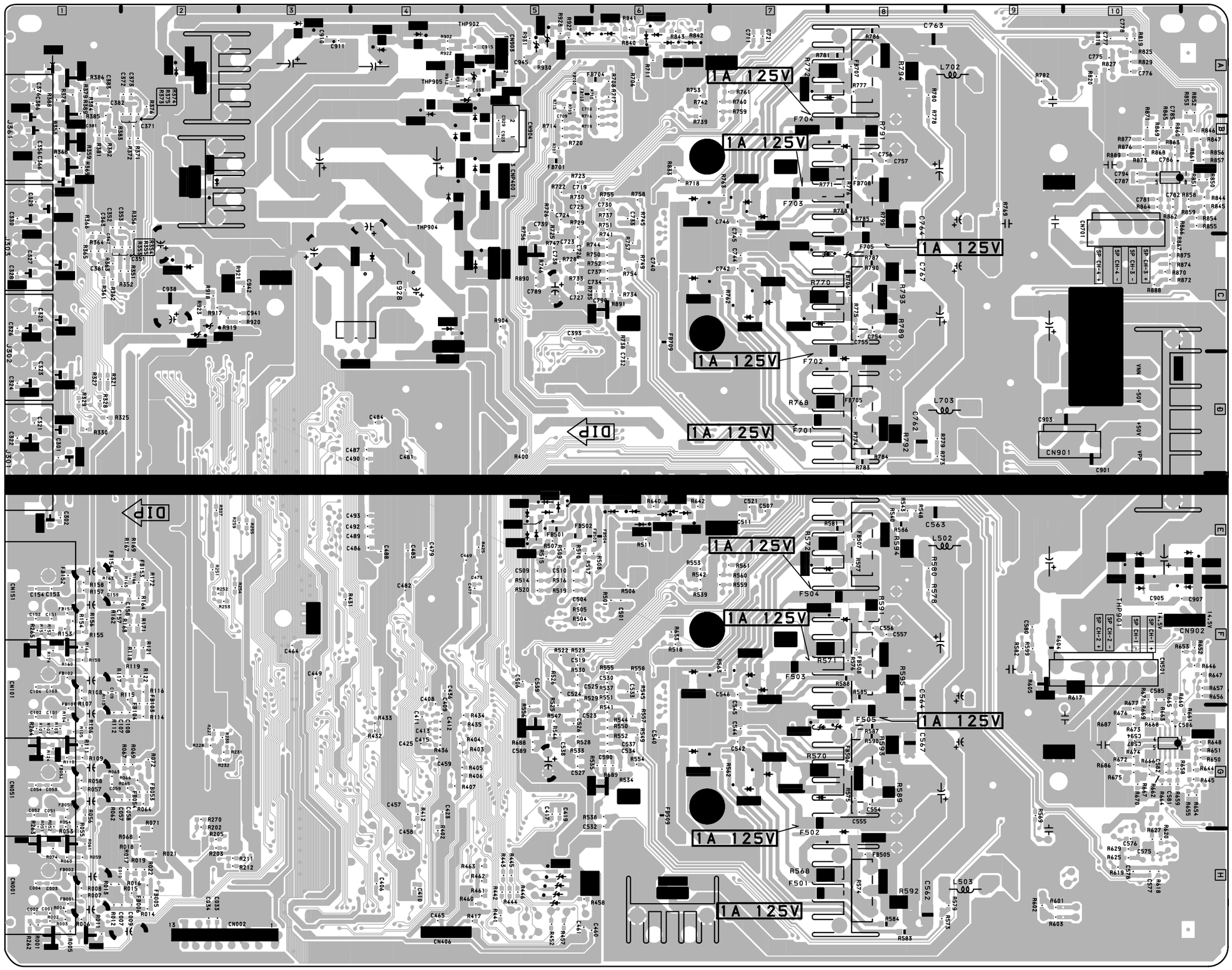

MAIN -B SIDE-
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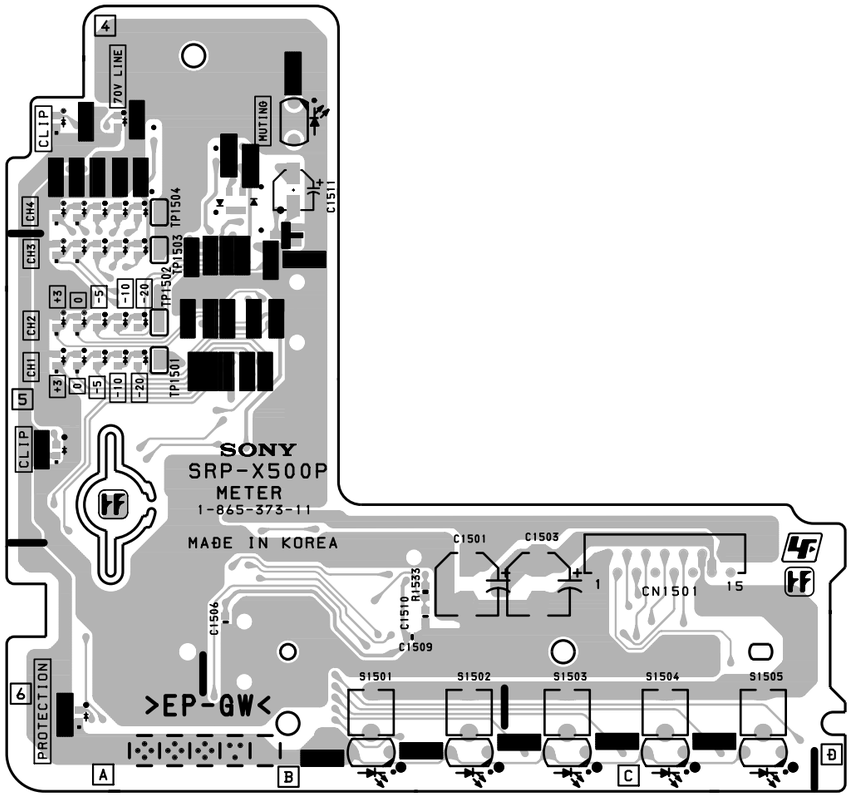

METER -A SIDE-
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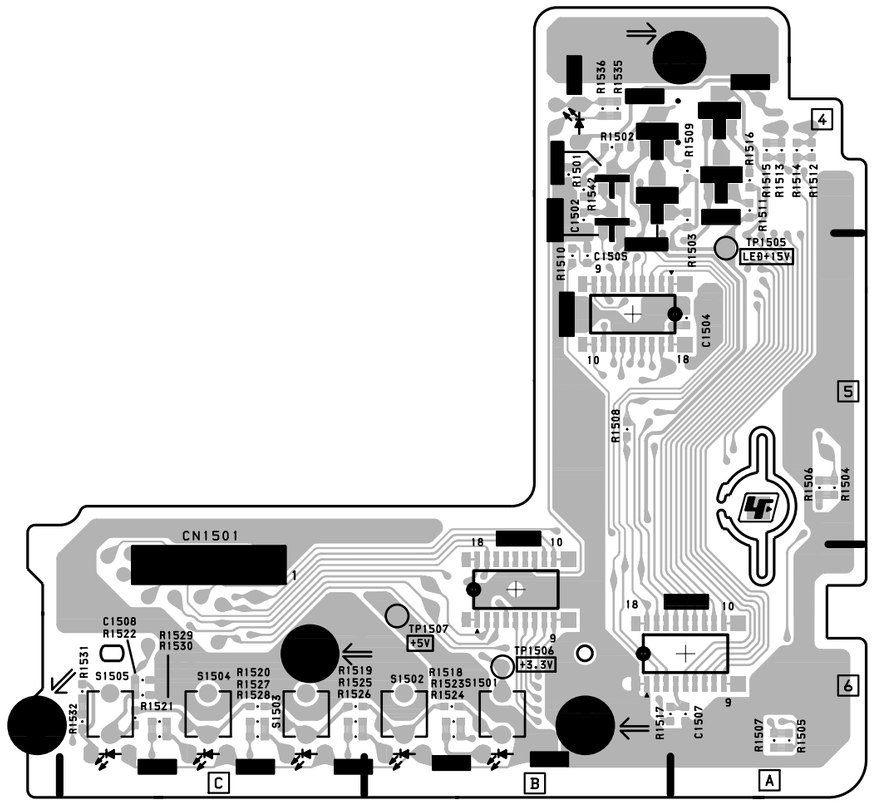

METER -B SIDE-
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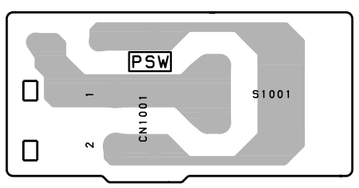

PSW -A SIDE-
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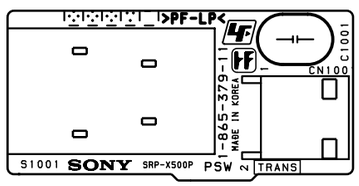

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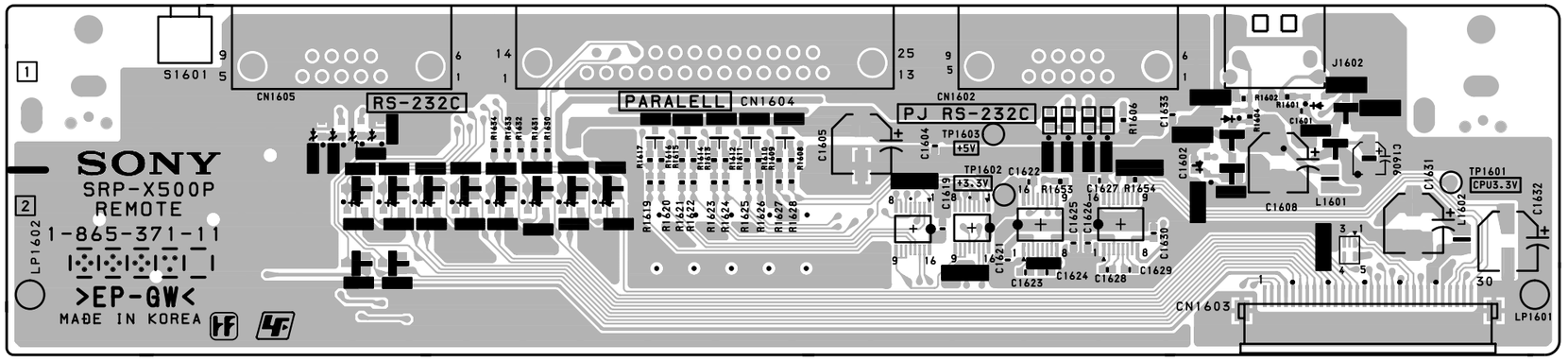

REMOTE -A SIDE-
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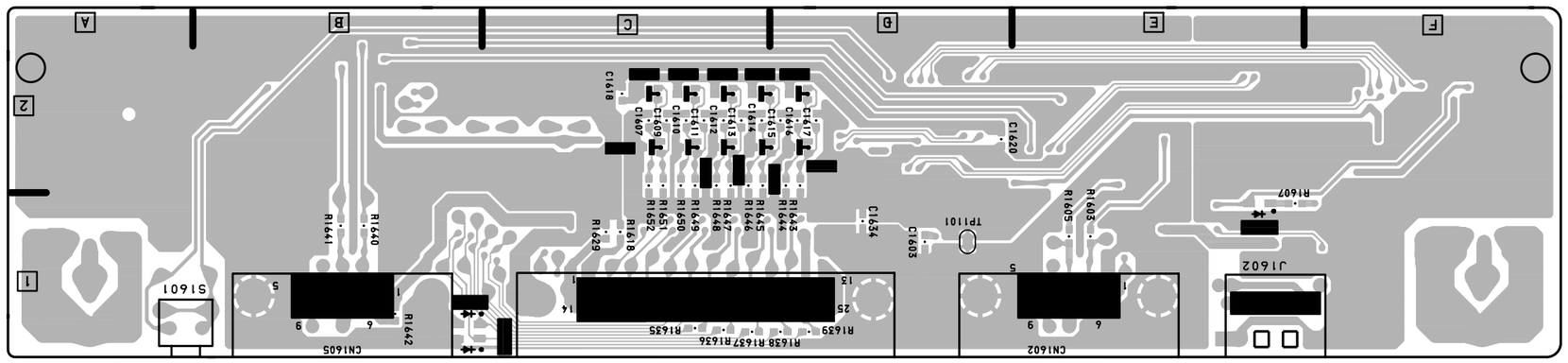

REMOTE -B SIDE-
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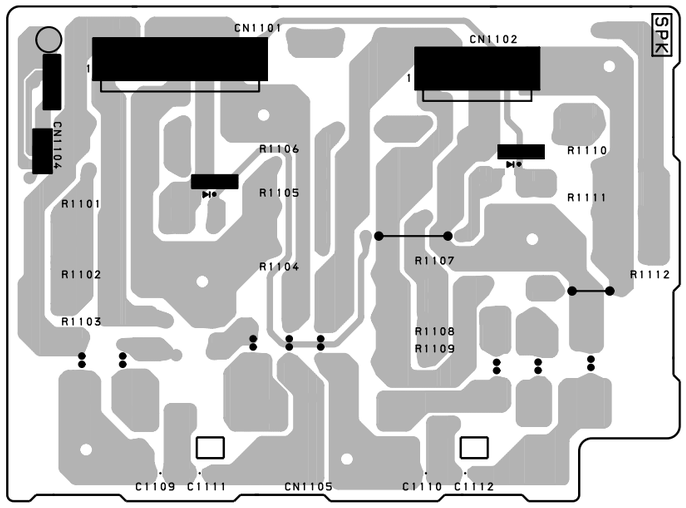

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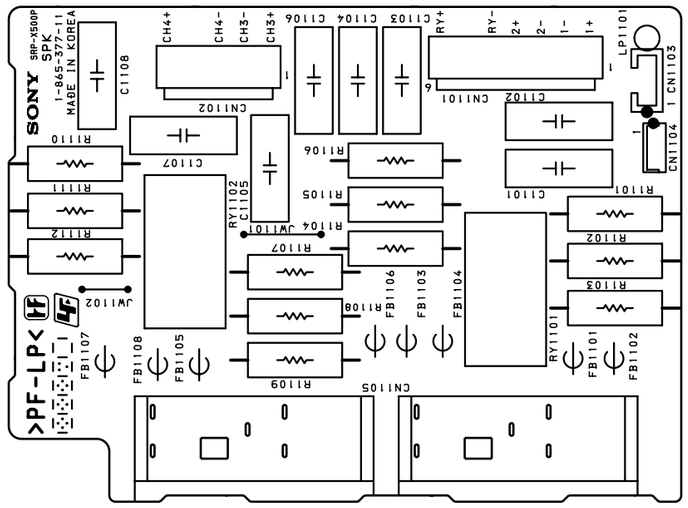

SPK -B SIDE-
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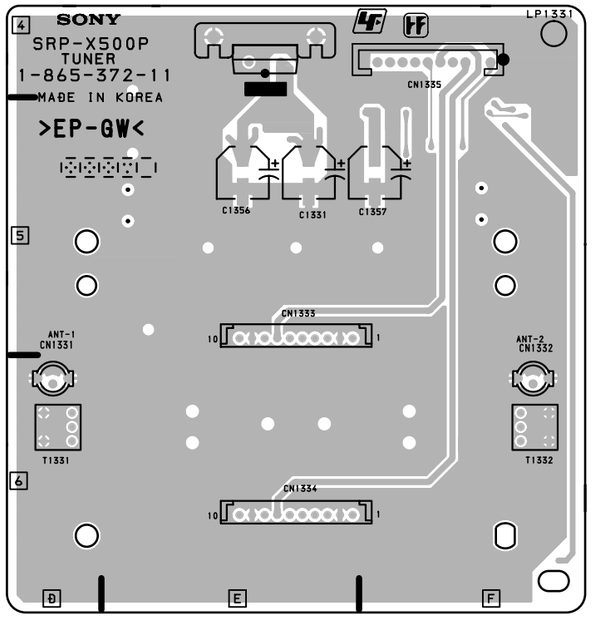

TUNER -A SIDE-
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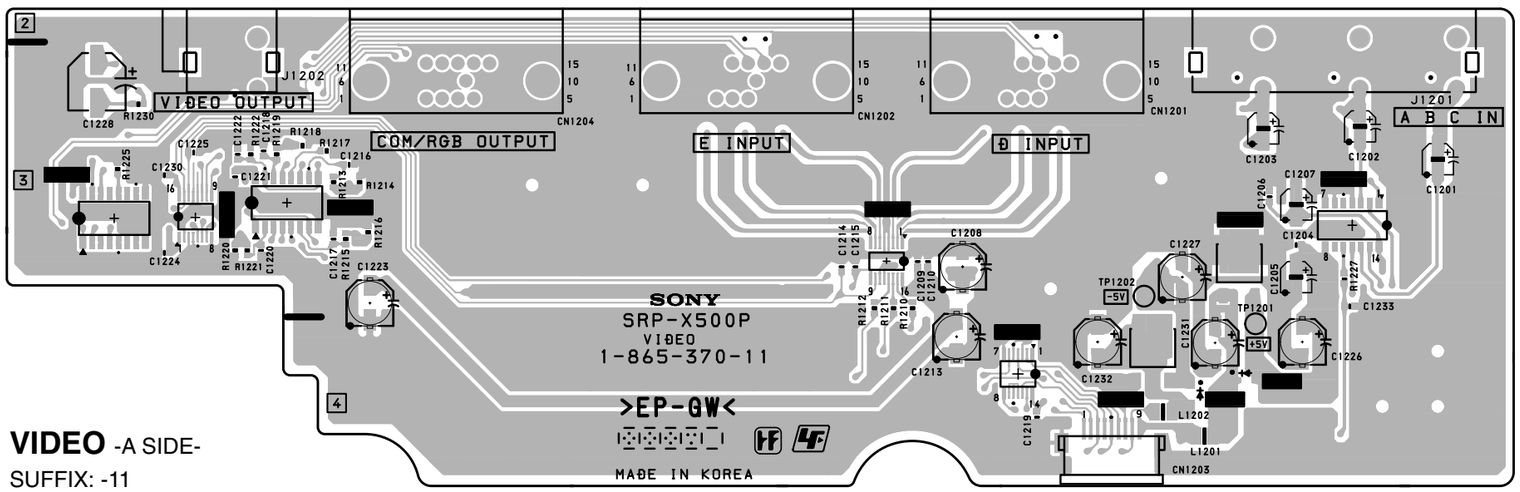

VIDEO -A SIDE-
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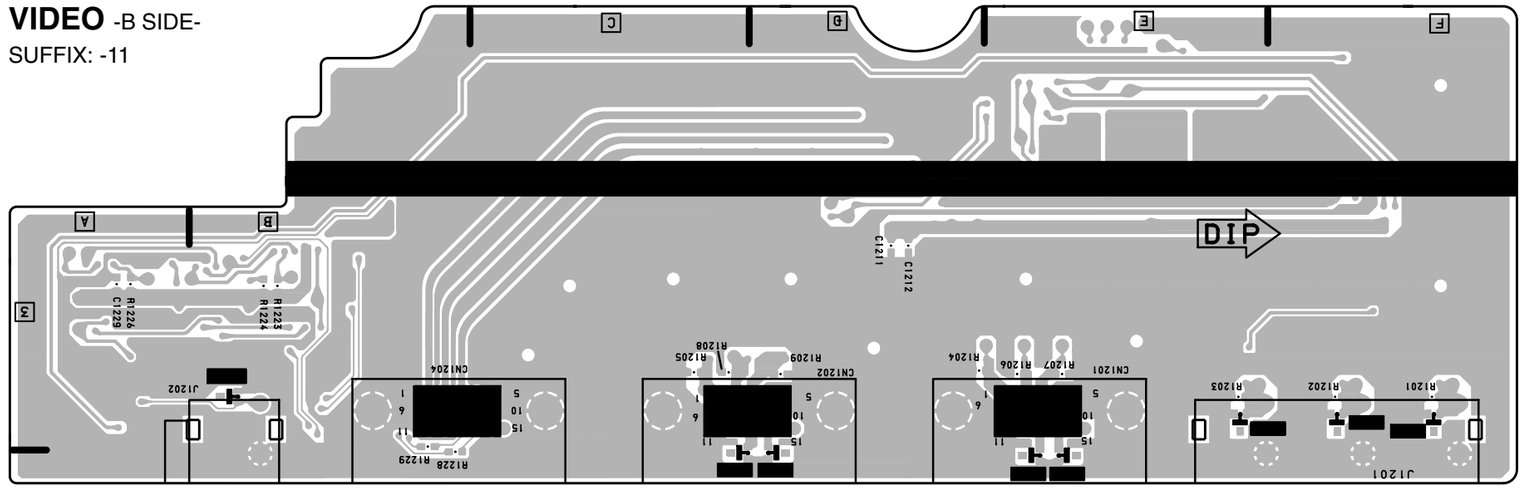
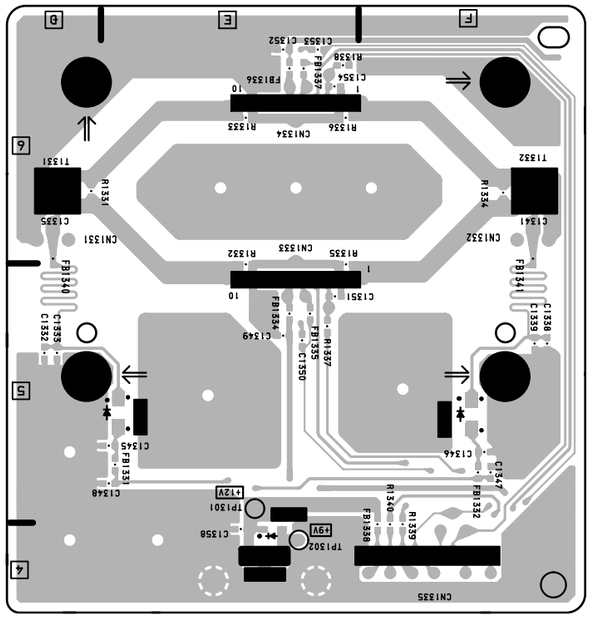
VIDEO -B SIDE-
SUFFIX: -11





TUNER -B SIDE-
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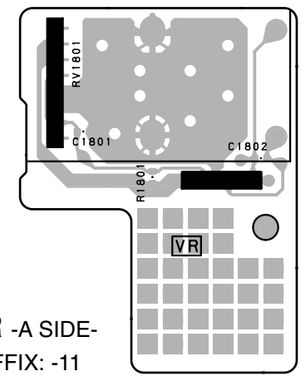

VR -A SIDE-
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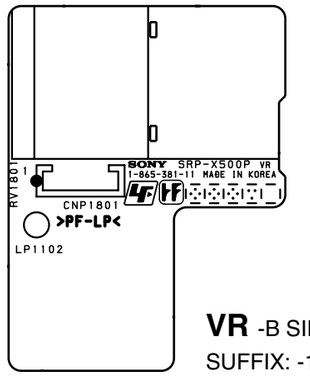

VR -B SIDE-
SUFFIX: -11

Section 7
Schematic Diagrams

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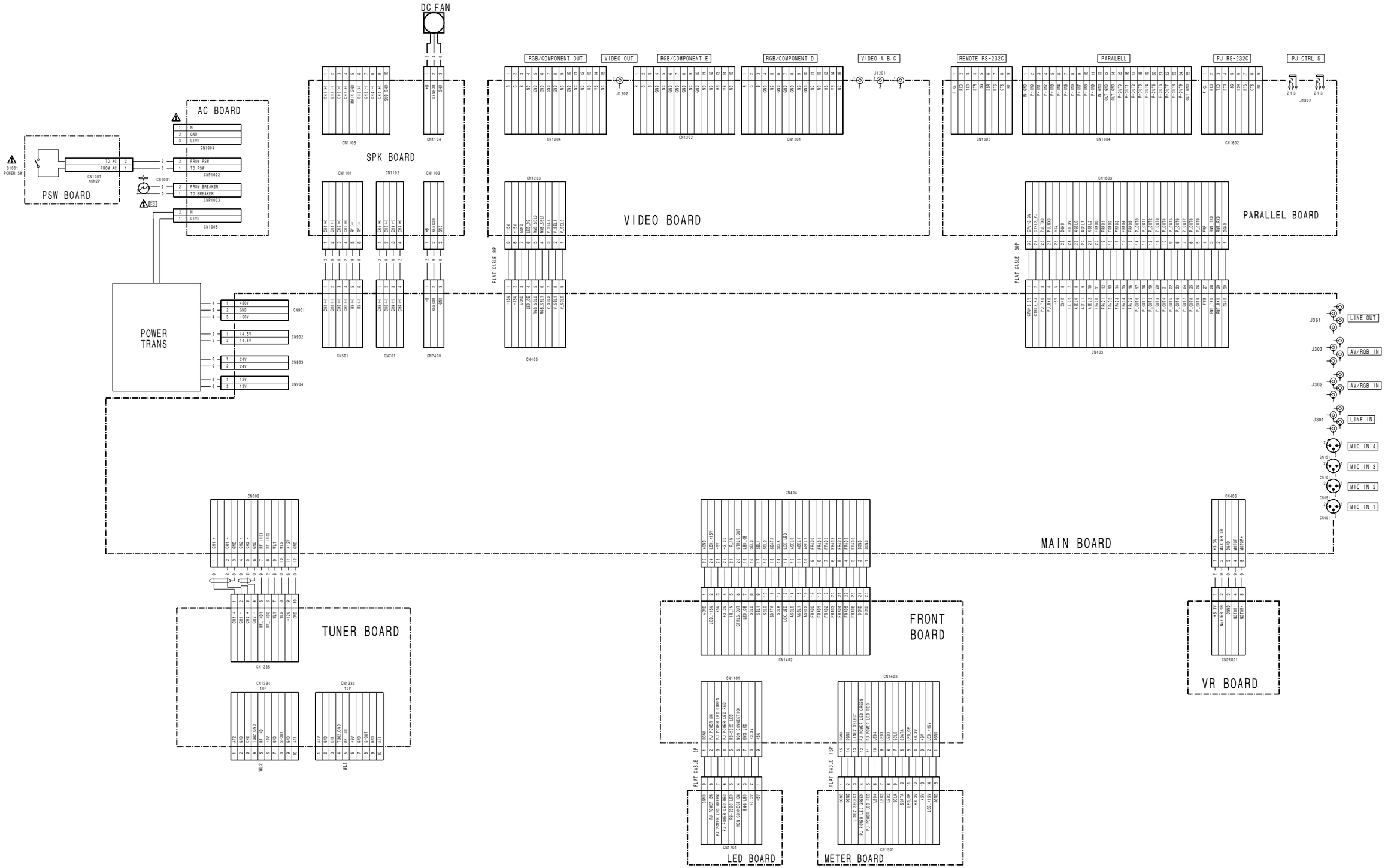
7-1


DC FAN
AC BOARD
CN1004
PSW BOARD
S1001 POWER SW
CN1001 NON2P
CB1001
CB2
CNP1002
CNP1003
CN1005
SPK BOARD
CN1105
CN1104
CN1101
CN1102
CN1103
RGB/COMPONENT OUT
VIDEO OUT
RGB/COMPONENT E
RGB/COMPONENT D
VIDEO A.B.C
J1202
J1201
CN1204
CN1202
CN1201
CN1203
VIDEO BOARD
FLAT CABLE 9P
CN405
REMOTE RS-232C
PARALELL
PJ RS-232C
PJ CTRL S
J1802
CN1605
CN1604
CN1602
CN1603
PARALLEL BOARD
FLAT CABLE 30P
CN403
POWER TRANS
CN901
CN902
CN903
CN904
CN501
CN701
CNP400
J361
LINE OUT
J303
AV/RGB IN
J302
AV/RGB IN
J301
LINE IN
MIC IN 4
MIC IN 3
MIC IN 2
MIC IN 1
CN002
TUNER BOARD
CN1335
CN1334
CN1333
MAIN BOARD
CN404
CN406
FRONT BOARD
CN1402
CN1401
CN1403
FLAT CABLE 8P
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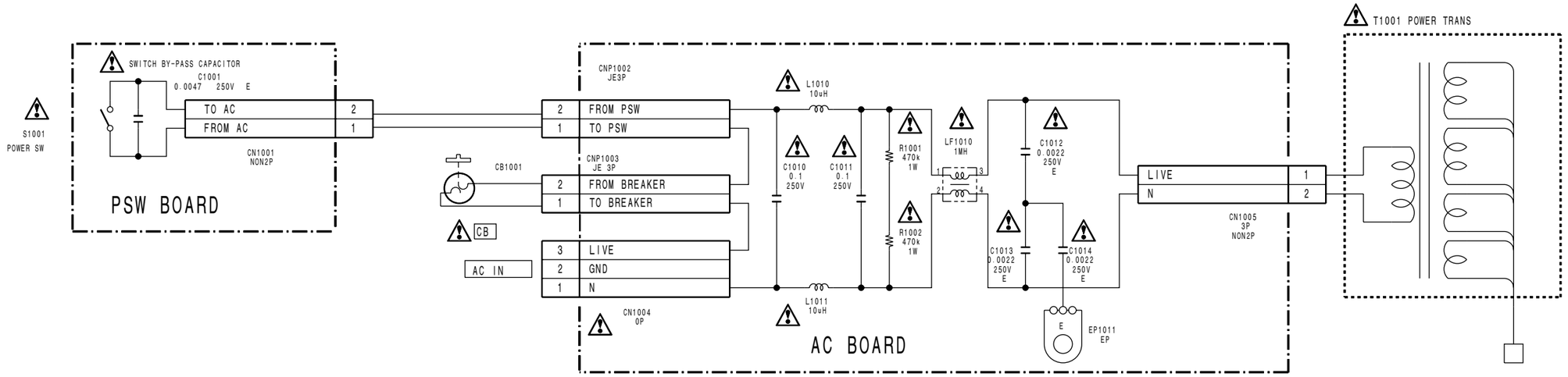
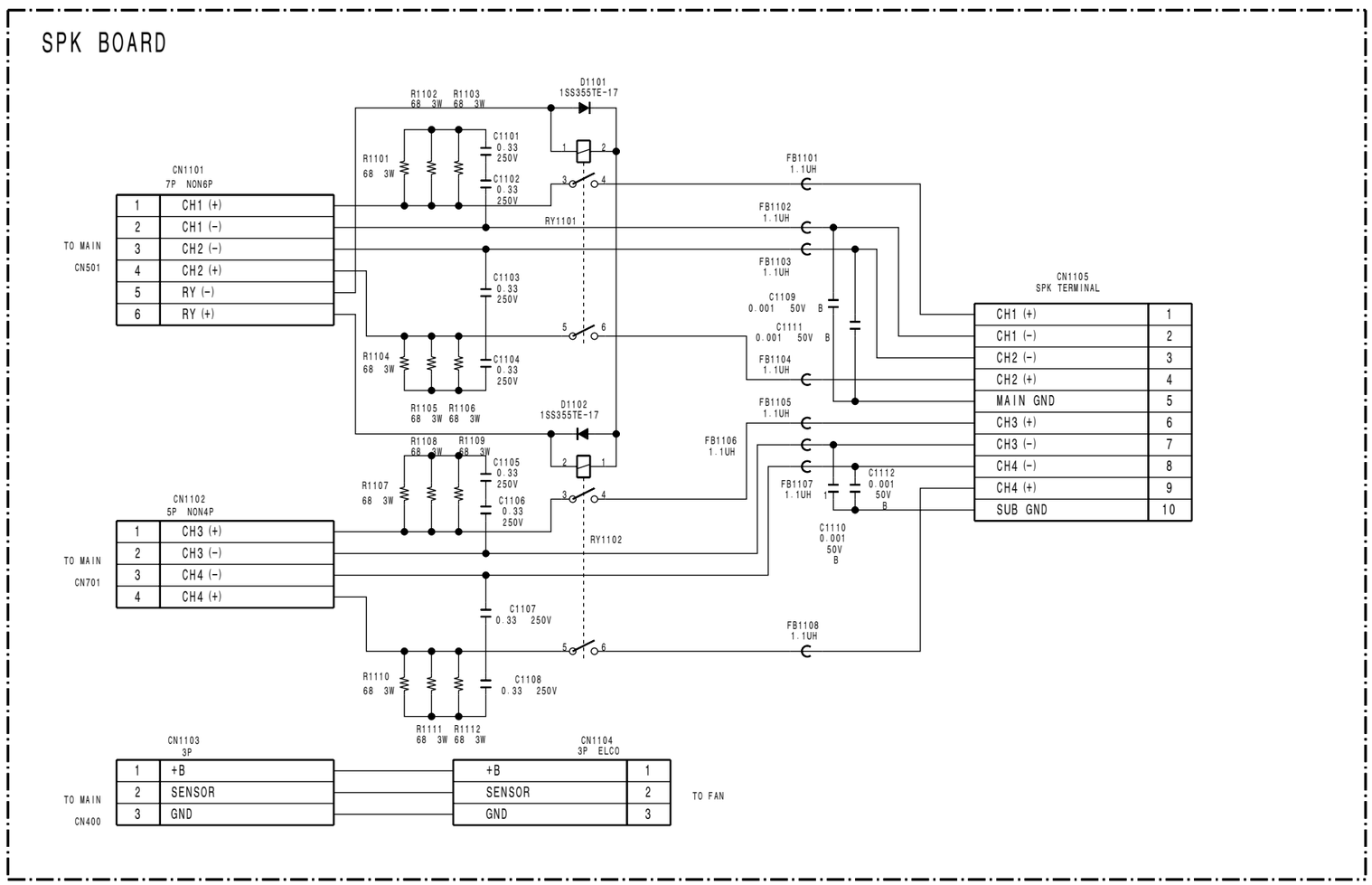
CN1701
LED BOARD
CN1501
METER BOARD
CNP1801
VR BOARD

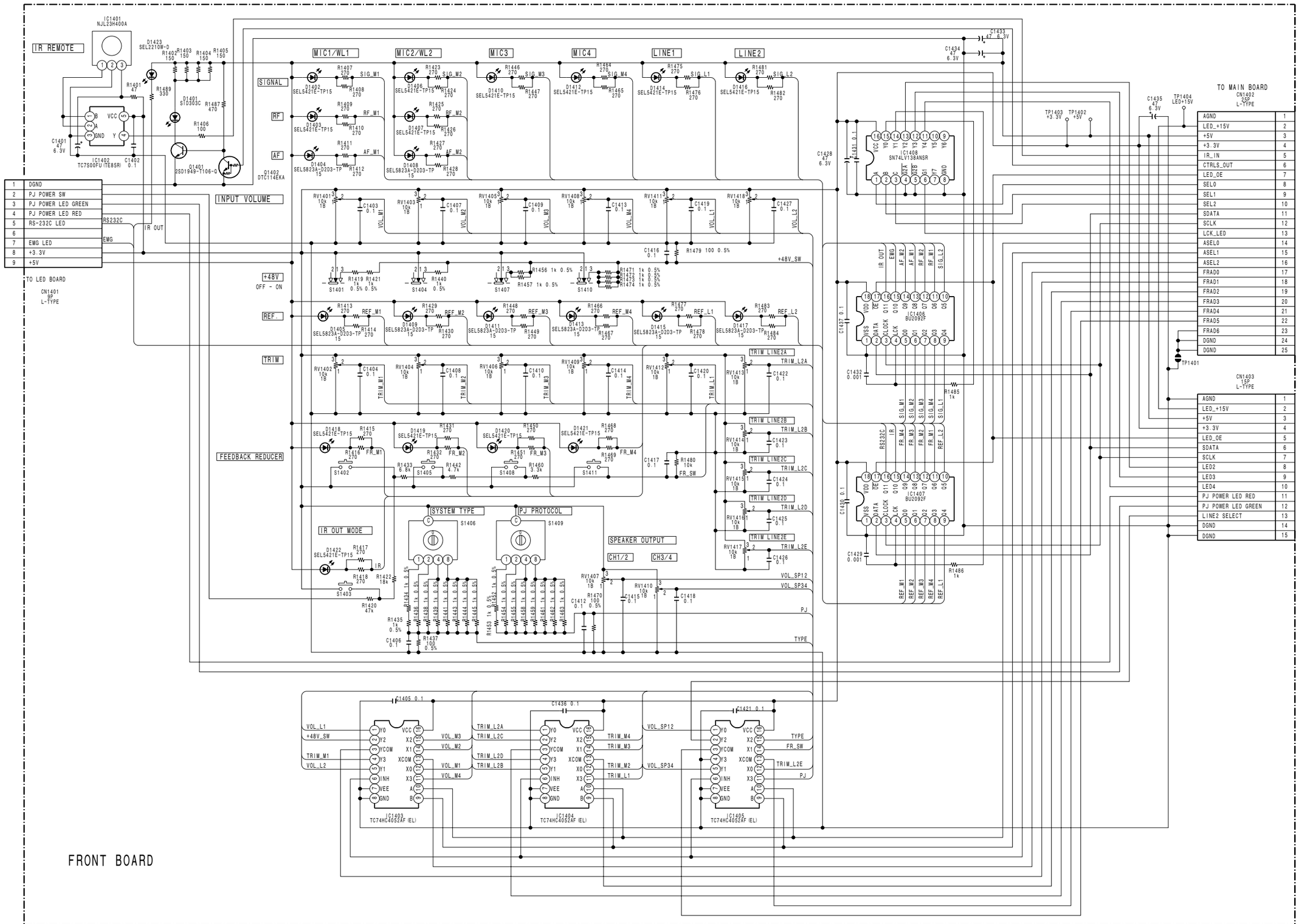




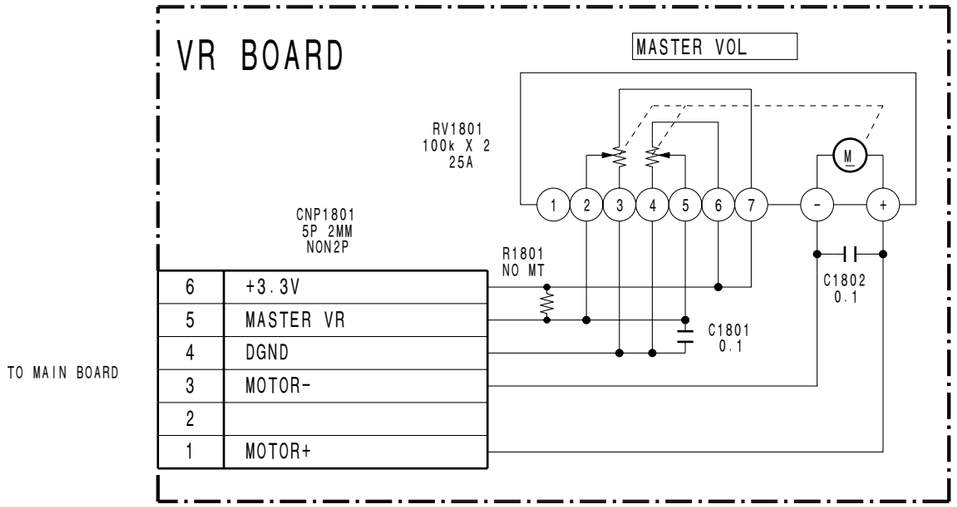
Power Supply Board
AC
BOARD NO. 1-865-378-11

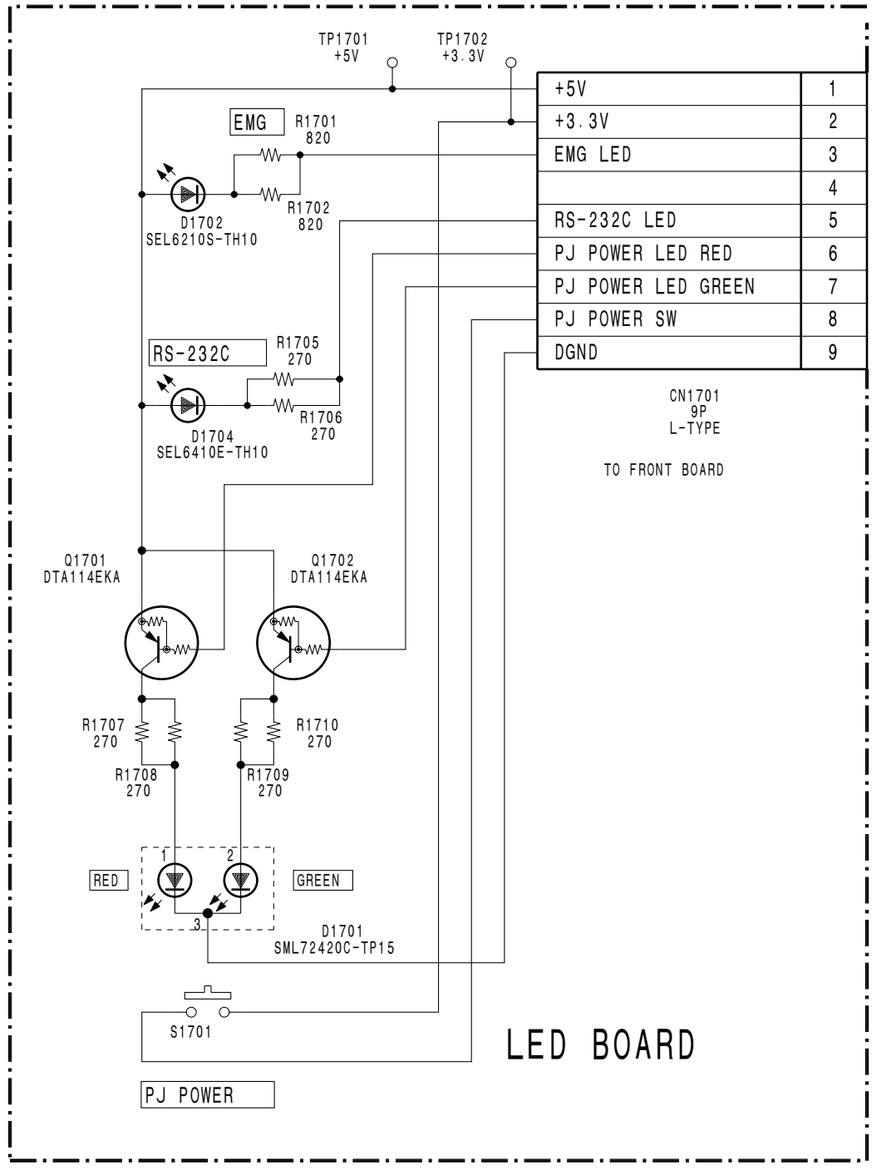
Power Switch Board
PSW
BOARD NO. 1-865-379-11

Speaker Board
SPK
BOARD NO. 1-865-377-11
FRONT-PP-SVG-ACPSWSPK_1



Front Panel Board
FRONT
BOARD NO. 1-865-376-12
FRONT-PP-SVG-front_1

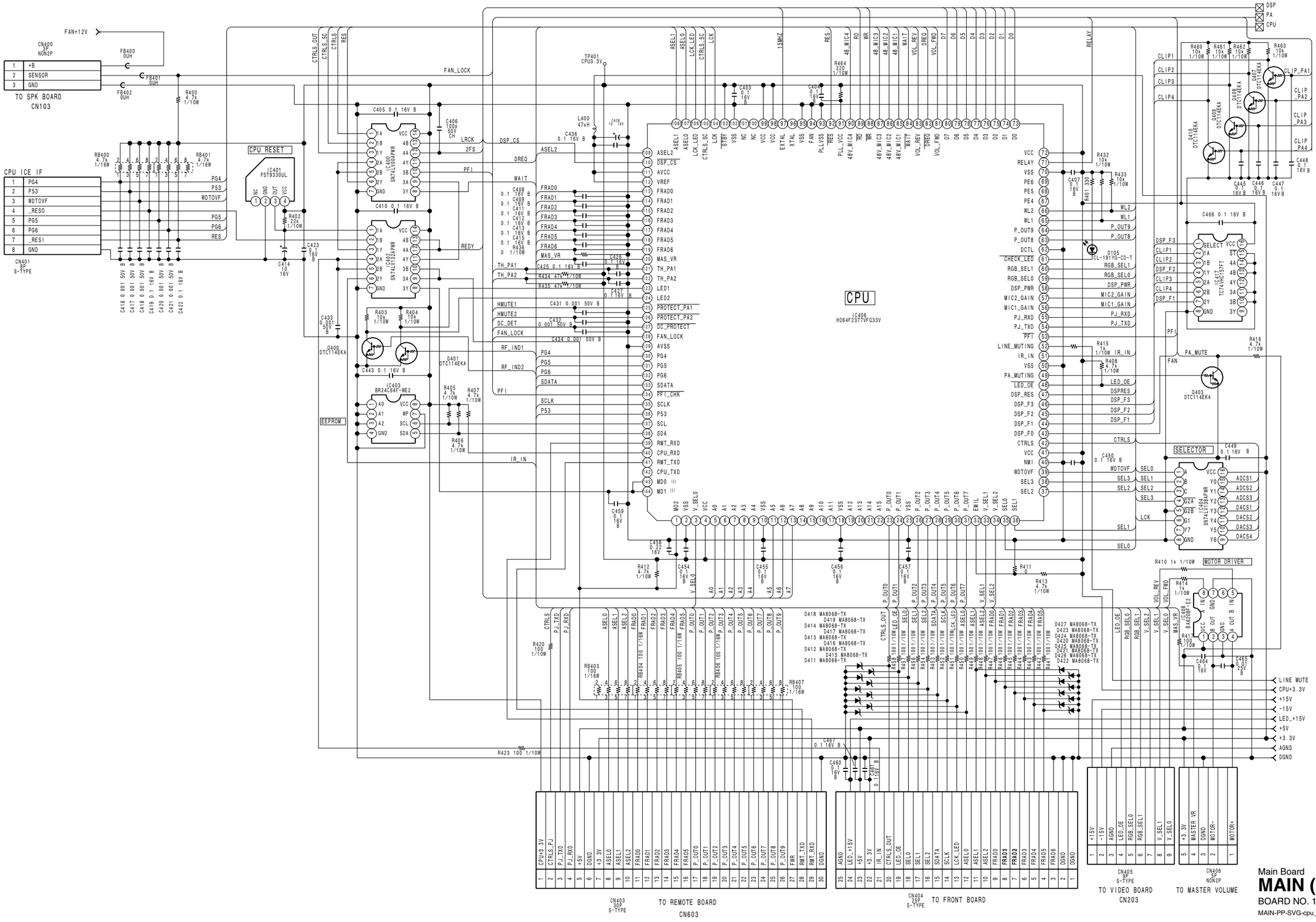




LED Board
LED
BOARD NO. 1-865-380-11, 12

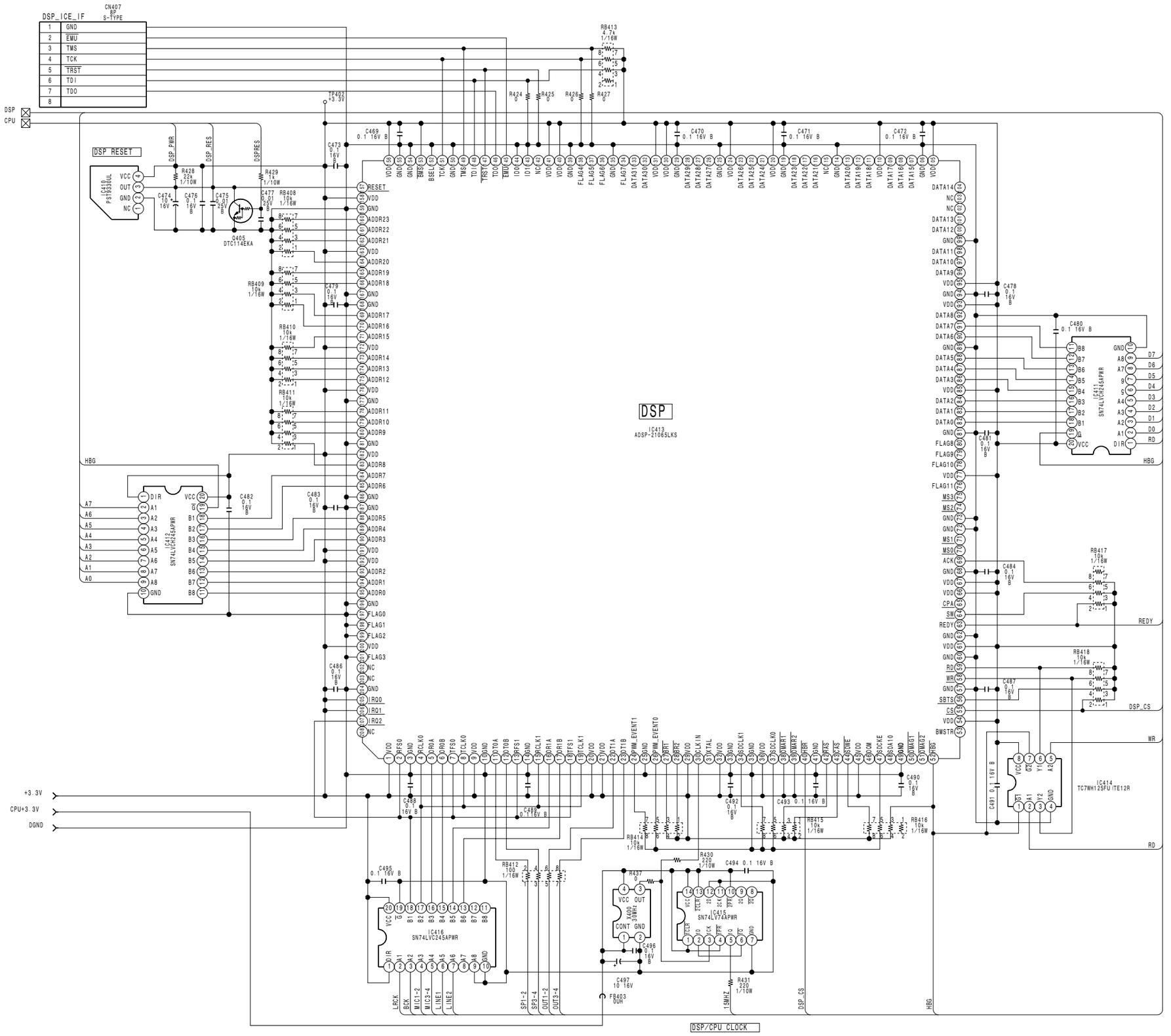
Volume Controller Board
VR
BOARD NO. 1-865-381-11

FRONT-PP-SVG-ledma_1

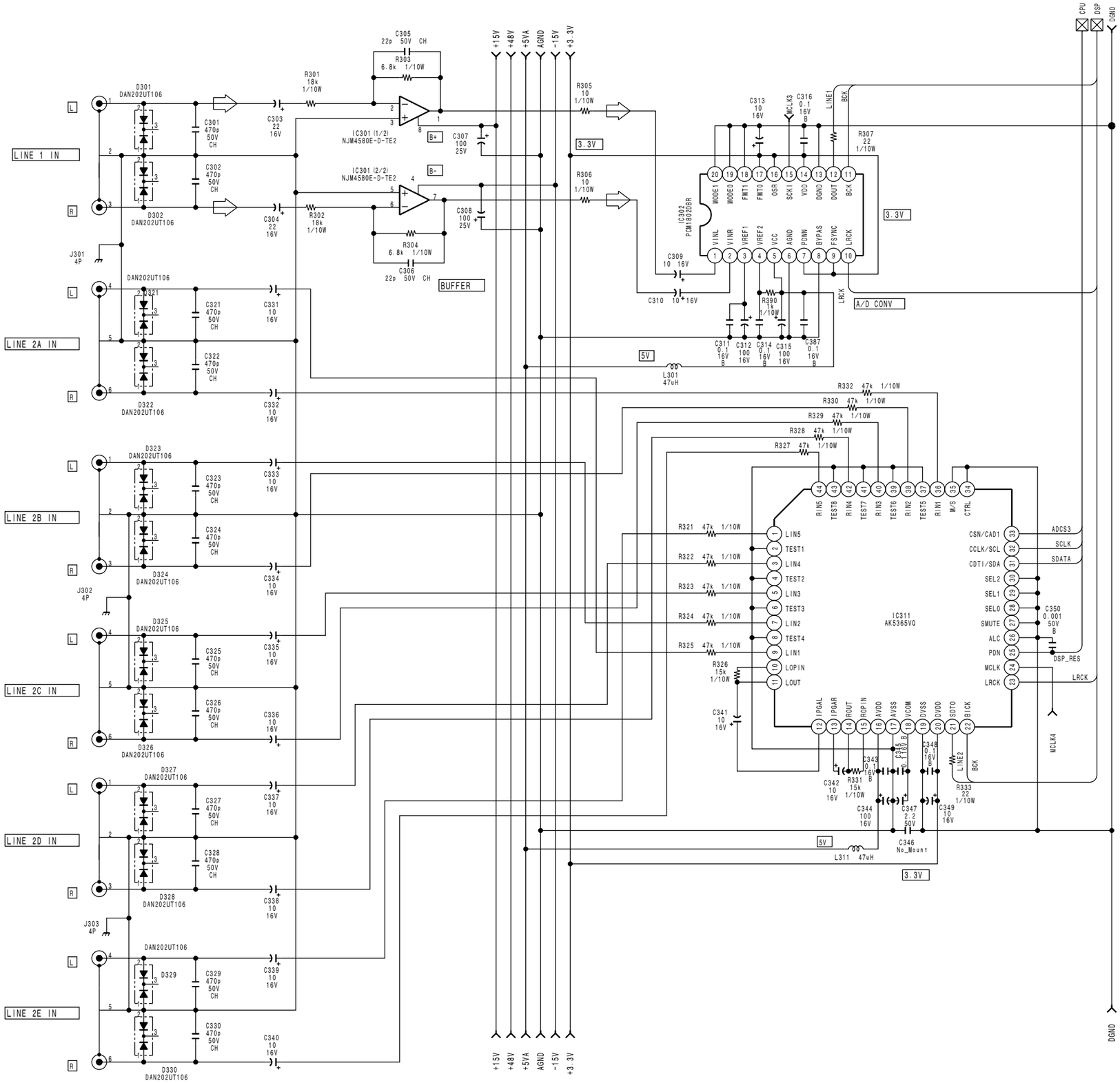


Main Board
MAIN (1/8)
BOARD NO. 1-865-369-11
MAIN-PP-SVG-cpu_1

SRP-X500P

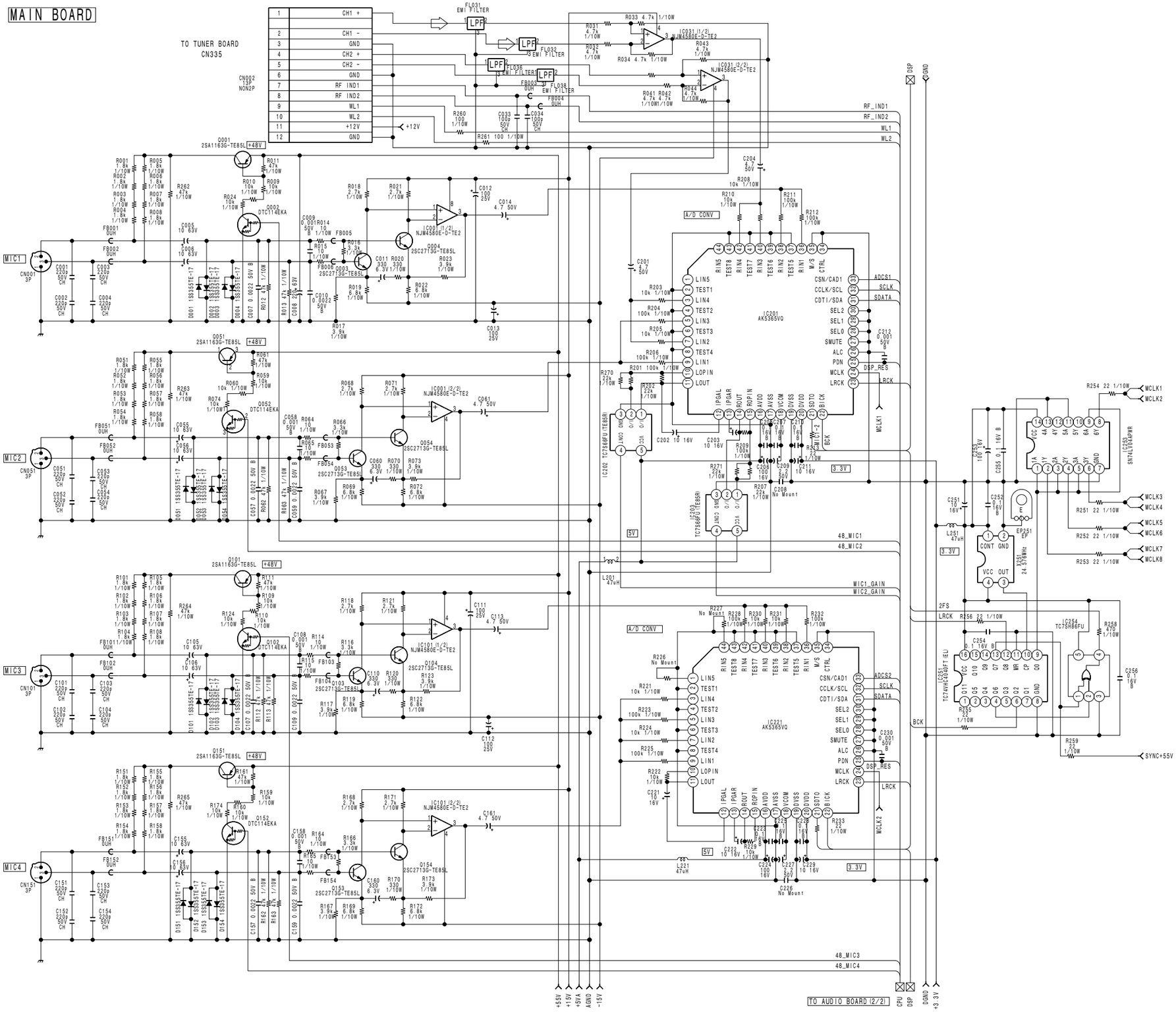


Main Board
MAIN (2/8)
BOARD NO. 1-865-369-11
MAIN-PP-SVG-dsp_1

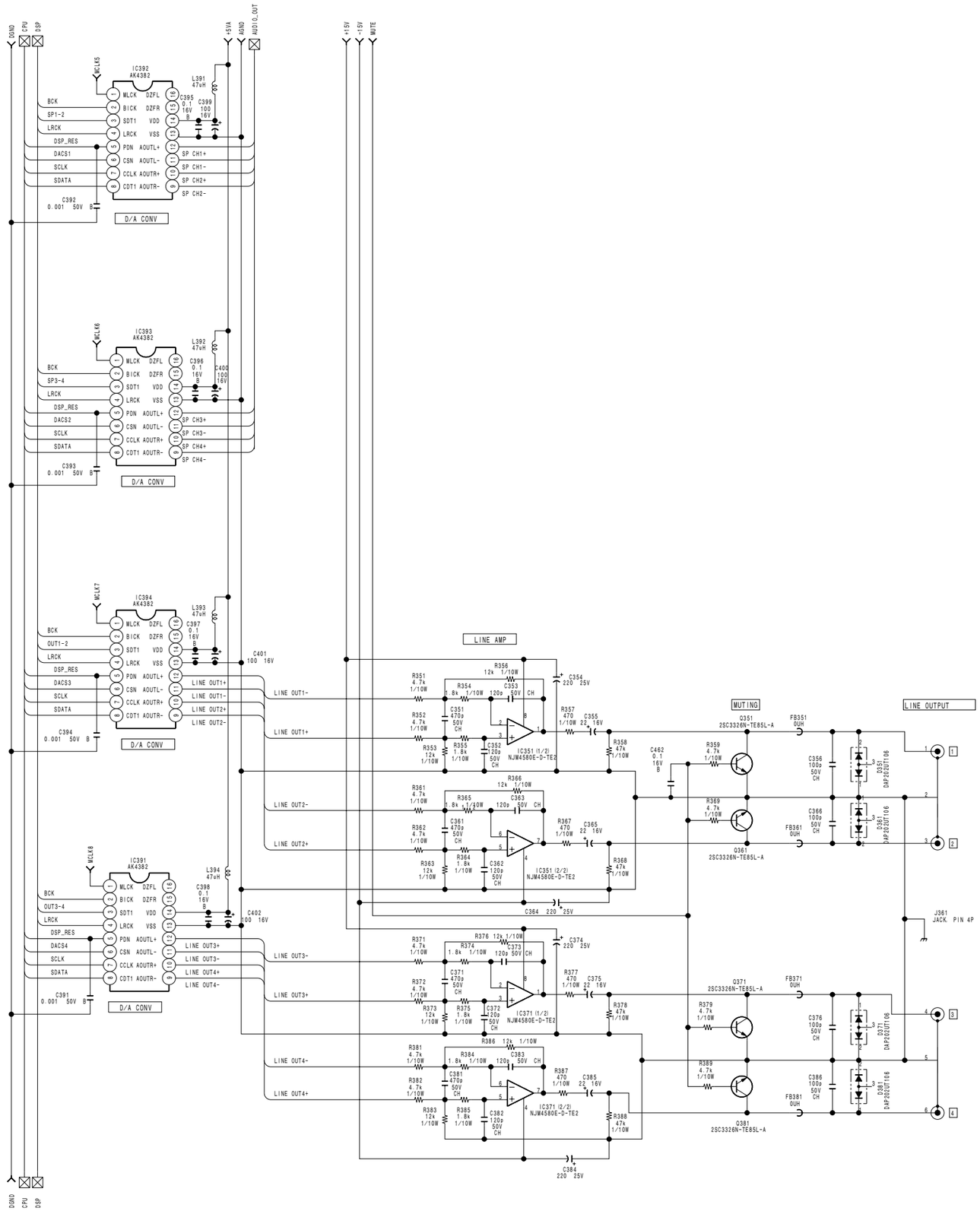


Main Board
MAIN (3/8)
BOARD NO. 1-865-369-11
MAIN-PP-SVG-linein_1

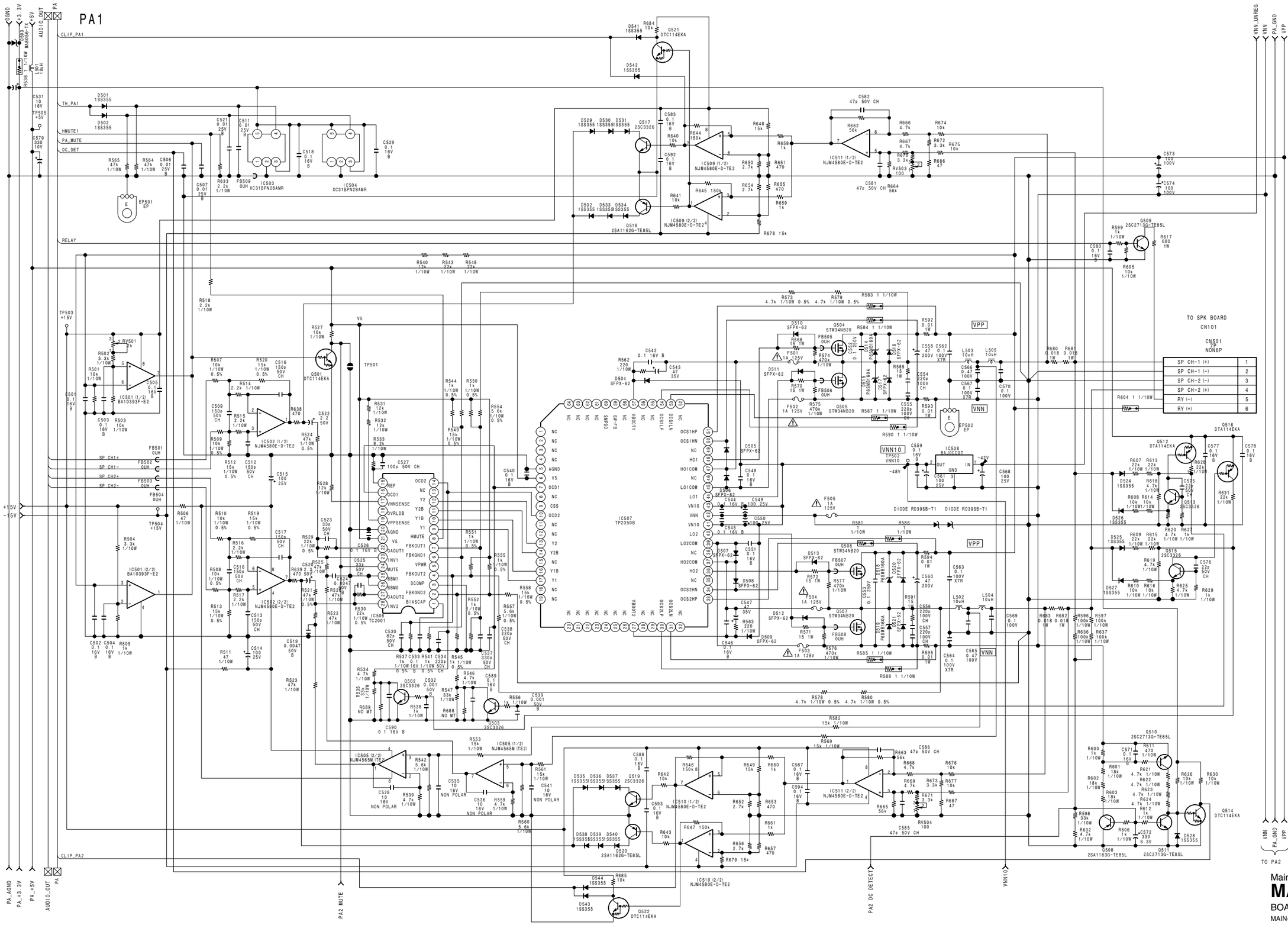
MAIN (4/8)

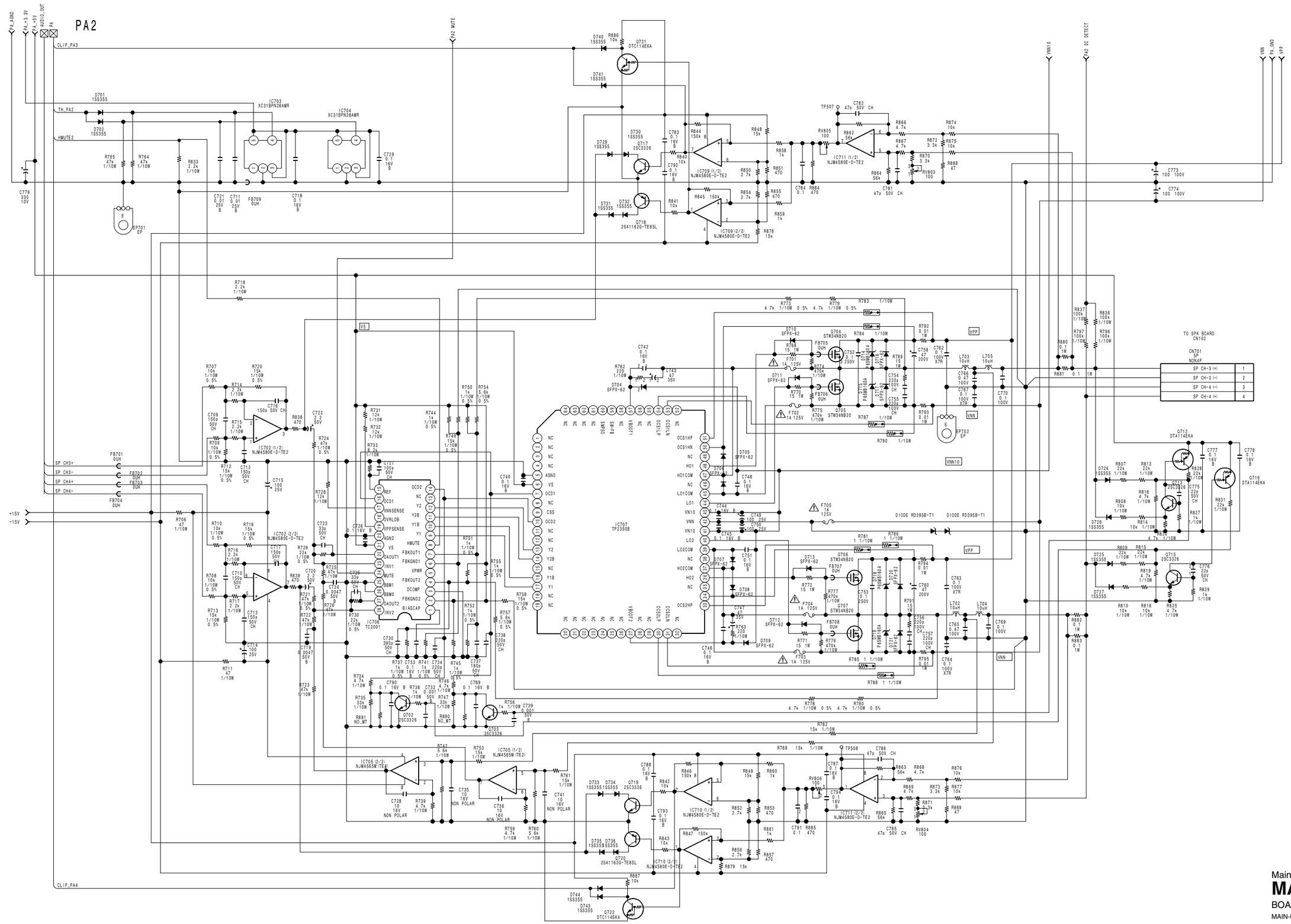


Main Board
MAIN (4/8)
BOARD NO. 1-865-369-11
MAIN-PP-SVG-micin_1



Main Board
MAIN (5/8)
BOARD NO. 1-865-369-11
MAIN-PP-SVG-output_1

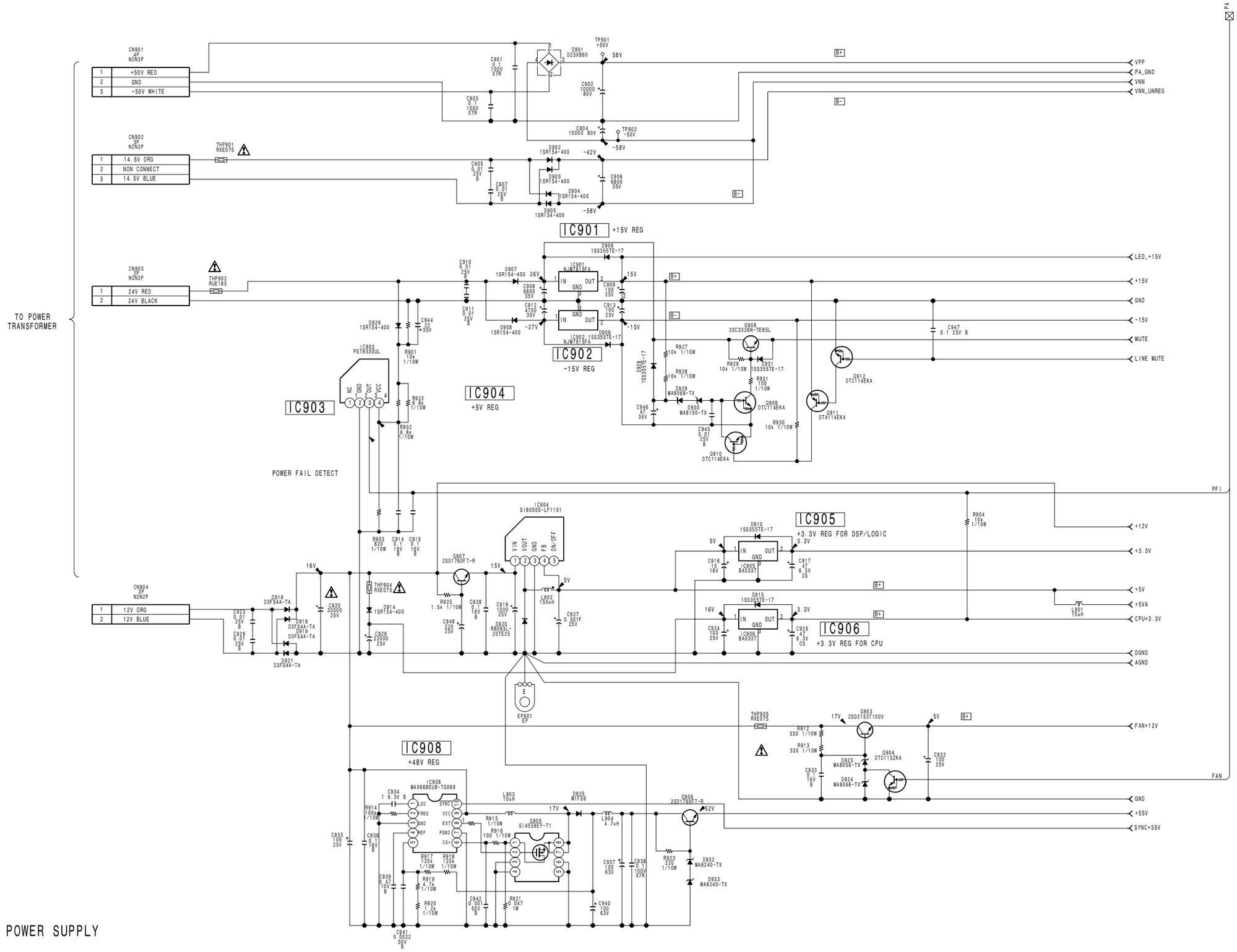

PA1
CLIP_PA1
TH_PA1
HMUTE1
PA_MUTE
DC_DET
RELAY
CLIP_PA2
SP CH1+
SP CH1-
SP CH2+
SP CH2-
TO SPK BOARD
CN101
CN501
7P
NON-P
SP CH-1 (+) 1
SP CH-1 (-) 2
SP CH-2 (-) 3
SP CH-2 (+) 4
RY (-) 5
RY (+) 6
VPP
VNN
VNN10
PA2 MUTE
PA2 DC DETECT
VNN10
TO PA2
Main Board
MAIN (6/8)
BOARD NO. 1-865-369-11
MAIN-PP-SVG-pa1_1



7-12 7-12

Main Board
MAIN (7/8)
BOARD NO. 1-865-369-11
MAIN-PP-SVG-pa2_1

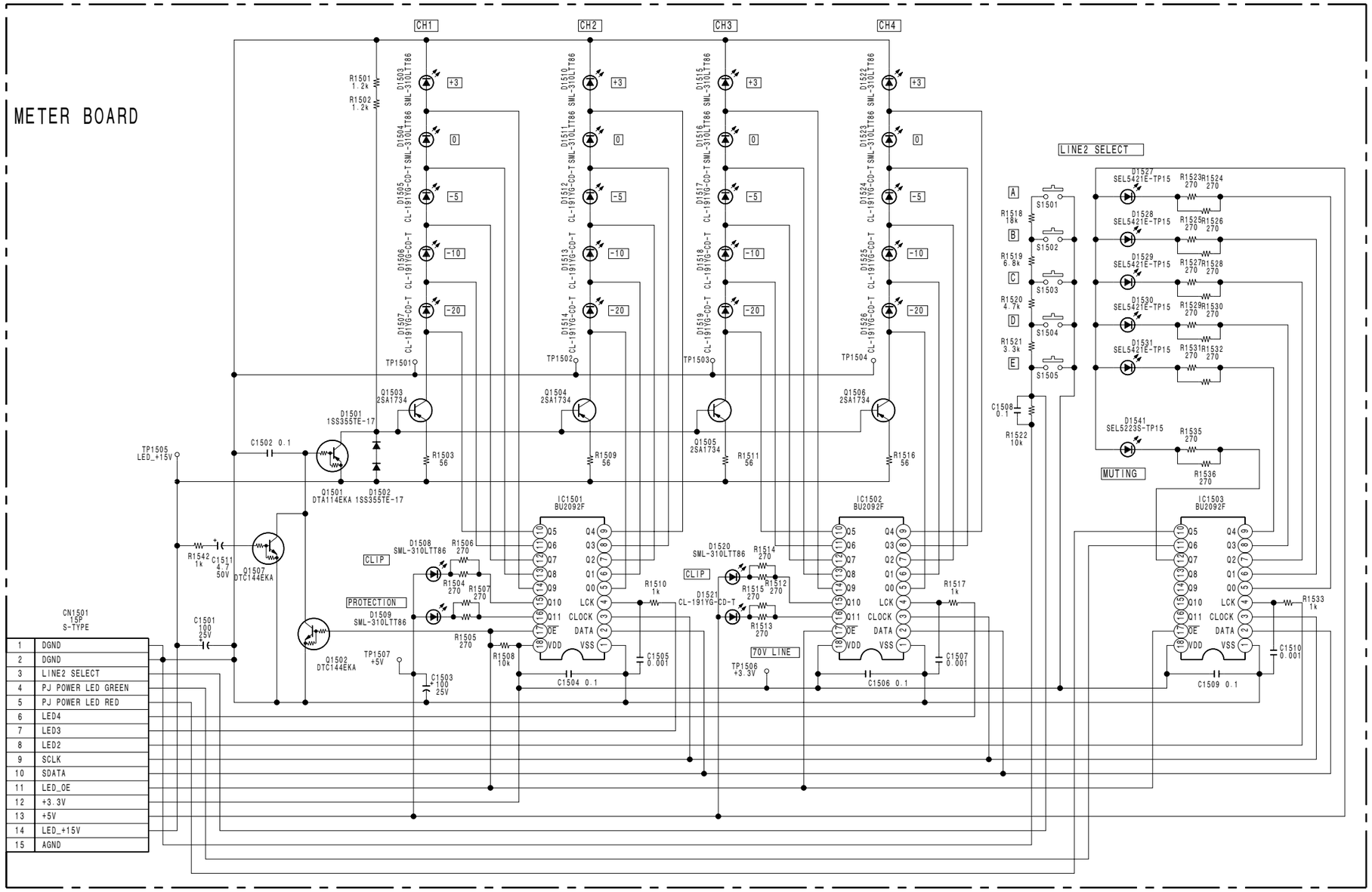
SRP-X500P



POWER SUPPLY

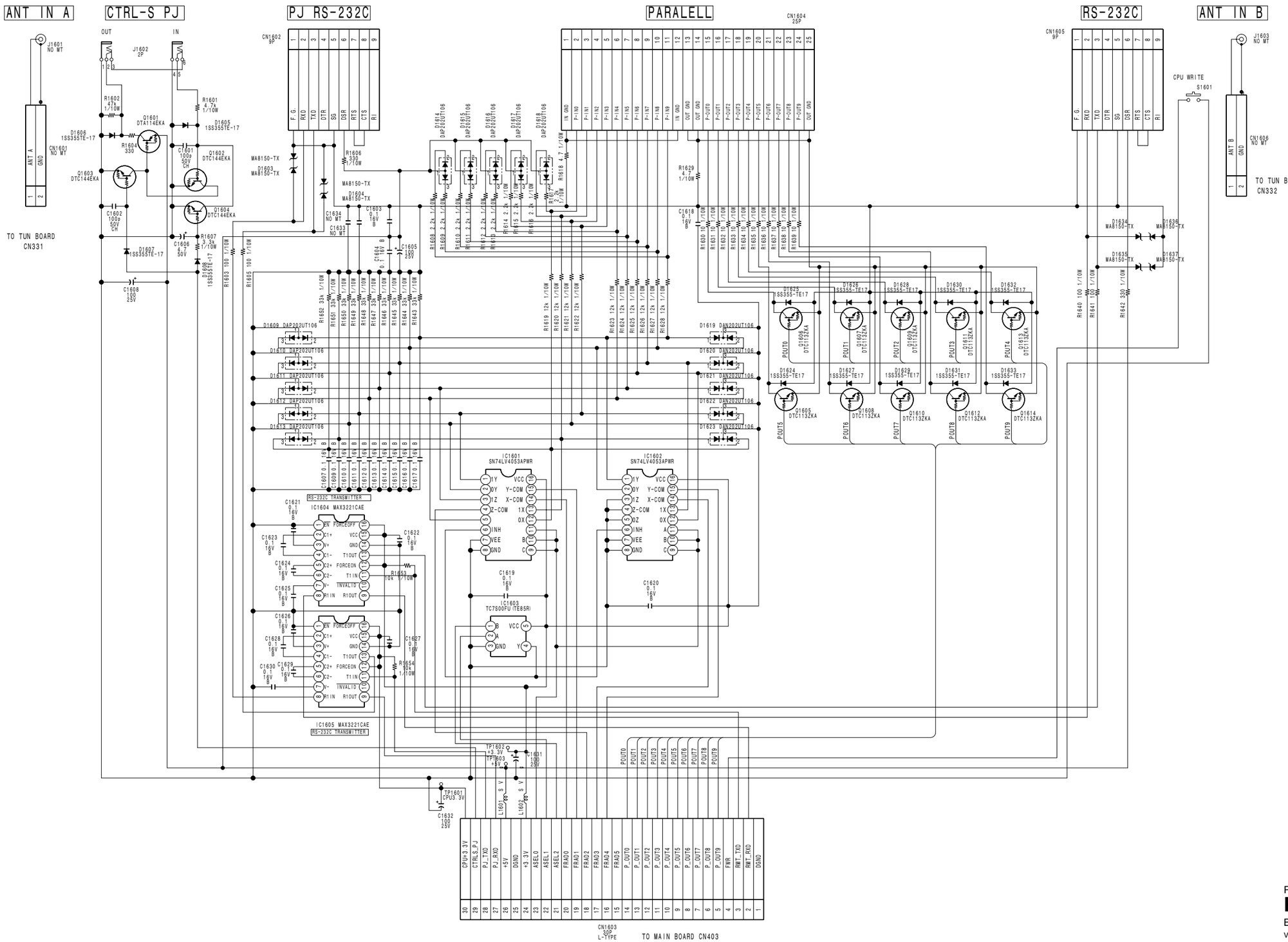
Main Board
MAIN (8/8)
BOARD NO. 1-865-369-11
MAIN-PP-SVG-ps_1

METER BOARD

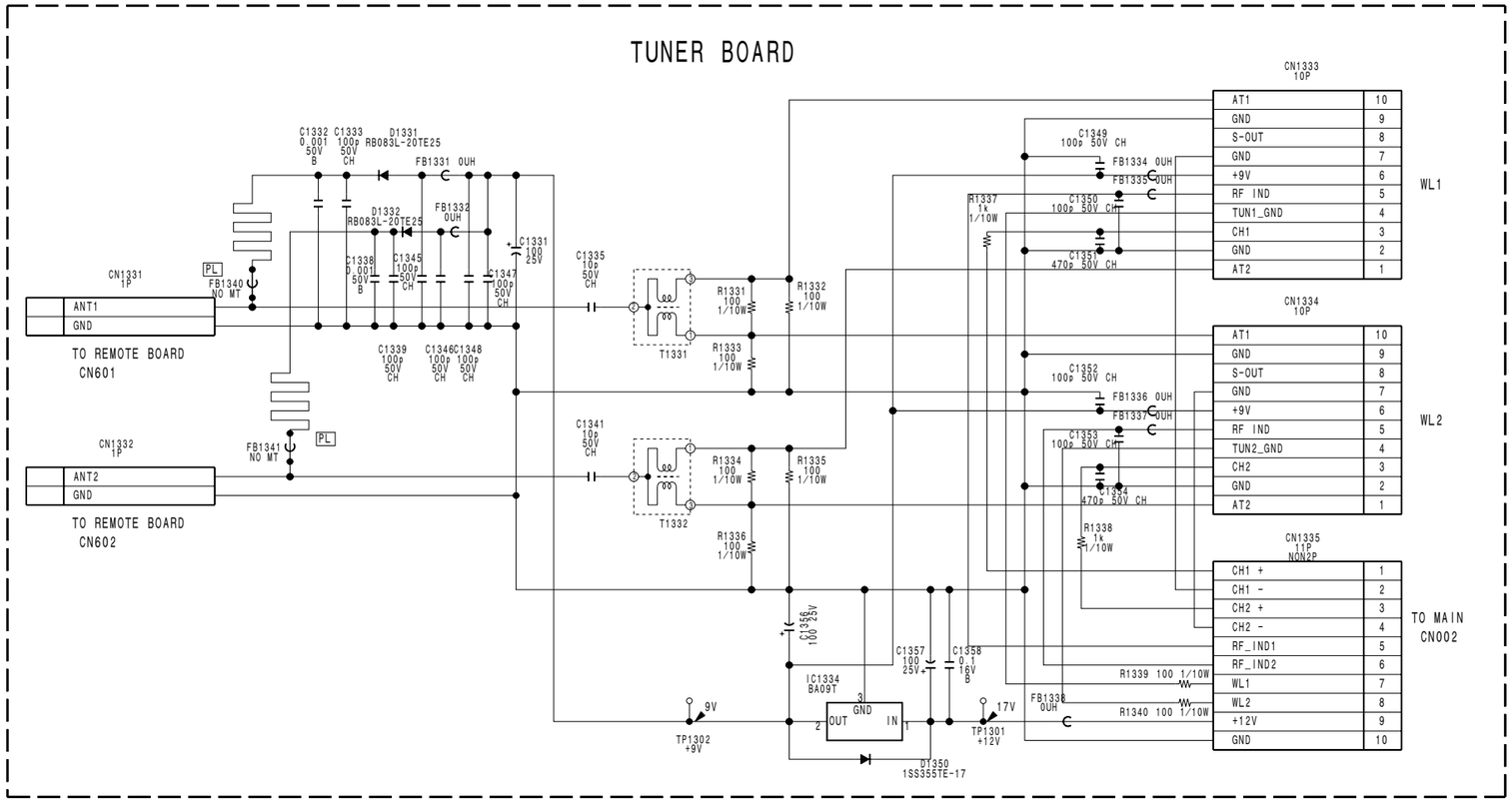


Meter Board
METER
BOARD NO. 1-865-373-11
VIDEO-PP-SVG-meter_1

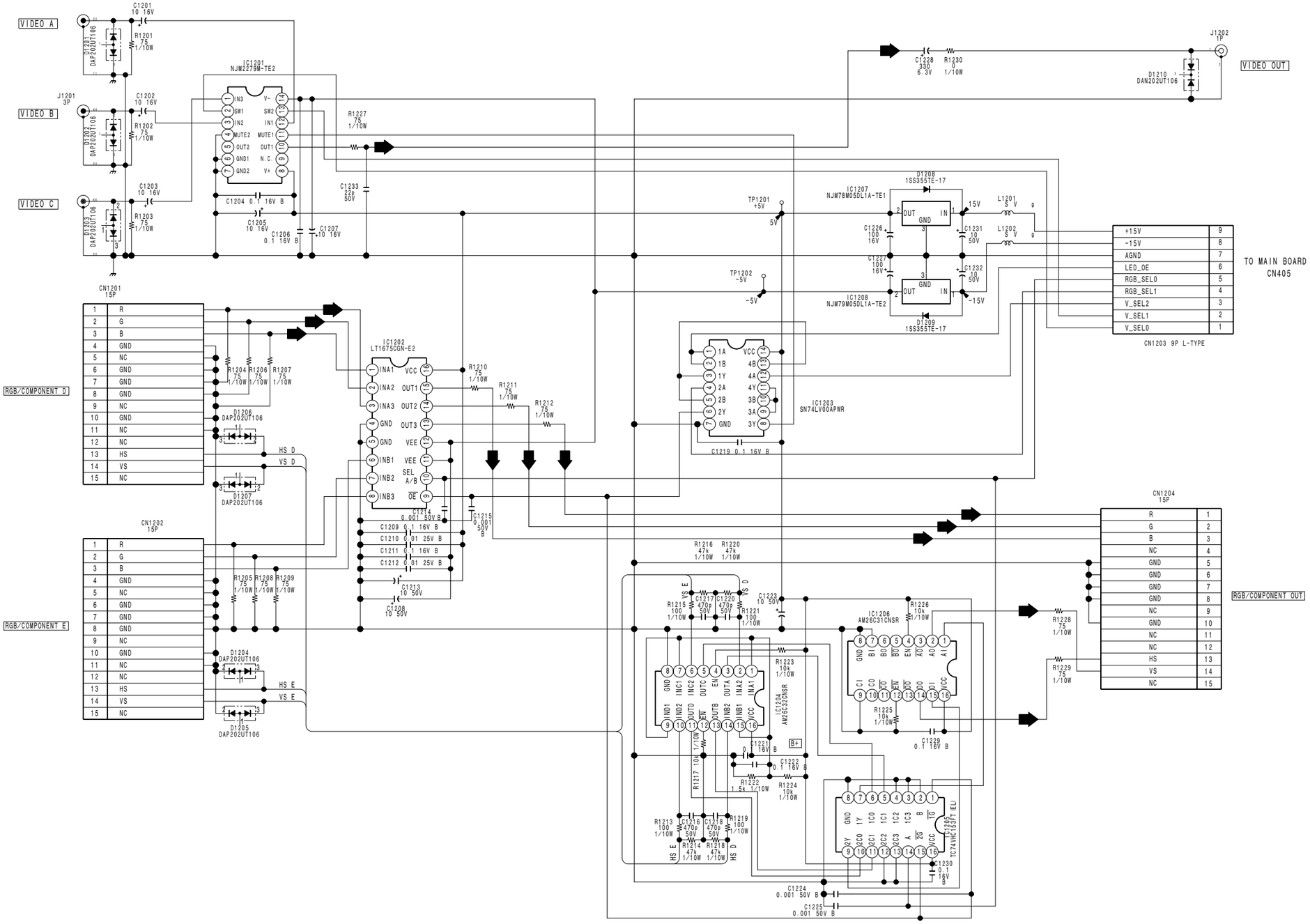
REMOTE BOARD



Remote Board
REMOTE
BOARD NO. 1-865-371-11
VIDEO-PP-SVG-remote_1



Tuner Board
TUNER
BOARD NO. 1-865-372-11
VIDEO-PP-SVG-tuner_1



Video Board
VIDEO
BOARD NO. 1-865-370-11
VIDEO-PP-SVG-video_1

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