

SONY®

REMOTE CONTROL PANEL

RCP-1500



MAINTENANCE MANUAL

2nd Edition

Serial No. 150001 and Higher

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可能性があります。
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 manuel 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.

安全のために、周辺機器を接続する際は、過大電圧を持つ可能性があるコネクタを以下のポートに接続しないでください。

: Ethernet コネクタ

上記のポートについては本書の指示に従ってください。

For safety, do not connect the connector for peripheral device wiring that might have excessive voltage to the following port(s).

: Ethernet connector

Follow the instructions for the above port(s).

注意

指定以外の電池に交換すると、破裂する危険があります。
必ず指定の電池に交換してください。
使用済みの電池は、国または地域の法令に従って
処理してください。

FÖRSIKTIGHET!

Fara för explosion vid felaktigt placerat batteri.
Byt endast mot samma eller likvärdig typ av batteri,
enligt tillverkarens rekommendationer.
När du kasserar batteriet ska du följa rådande lagar
för regionen eller landet.

CAUTION

Danger of explosion if battery is incorrectly replaced.
Replace only with the same or equivalent type recommended by the manufacturer.
When you dispose of the battery, you must obey the law in the relative area or country.

PAS PÅ

Fare for explosion, hvis batteriet ikke udskiftes korrekt.
Udskift kun med et batteri af samme eller tilsvarende type, som er anbefalet af fabrikanten.
Når du bortskaffer batteriet, skal du følge lovgivningen i det pågældende område eller land.

ATTENTION

Il y a danger d'explosion s'il y a remplacement incorrect de la batterie. Remplacer uniquement avec une batterie du même type ou d'un type équivalent recommandé par le constructeur.
Lorsque vous mettez la batterie au rebut, vous devez respecter la législation en vigueur dans le pays ou la région où vous vous trouvez.

HUOMIO

Räjähdysvaara, jos akku vaihdetaan virheellisesti.
Vaihda vain samanlaiseen tai vastaavantyyppiseen, valmistajan suosittelemaan akkuun.
Noudata akun hävittämisessä oman maasi tai alueesi lakeja.

VORSICHT

Explosionsgefahr bei Verwendung falscher Batterien.
Batterien nur durch den vom Hersteller empfohlenen oder einen gleichwertigen Typ ersetzen.
Wenn Sie die Batterie entsorgen, müssen Sie die Gesetze der jeweiligen Region und des jeweiligen Landes befolgen.

FORSIKTIG

Ekspløsjonsfare hvis feil type batteri settes i.
Bytt ut kun med samme type eller tilsvarende anbefalt av produsenten.
Kasser batteriet i henhold til gjeldende avfallsregler.

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※: The schematic diagram of this board is not described in this manual.

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VR-339 *

※: The board layout of this board is not described in this manual.

Manual Structure

Purpose of this manual

This manual is the maintenance manual for Remote Control Panel RCP-1500. This manual is intended for use by the trained system engineers and service engineers, and describes information (service overview, parts lists, block diagrams, schematic diagrams and board layouts) on the premise of component level service.

Related manuals

Besides this maintenance manual the following manuals are available for this unit.

- **Operation Manual (Supplied with this unit)**

This manual is necessary for application and operation of this unit.

- **“Semiconductor Pin Assignments” CD-ROM (Available on request)**

This “Semiconductor Pin Assignments” CD-ROM allows you to search for semiconductors used in Broadcast and Professional equipment.

Part number: 9-968-546-06

Section 1

Service Overview

1-1. Installation

1-1-1. Installation Environment

Install the unit at a place that satisfies the following conditions.

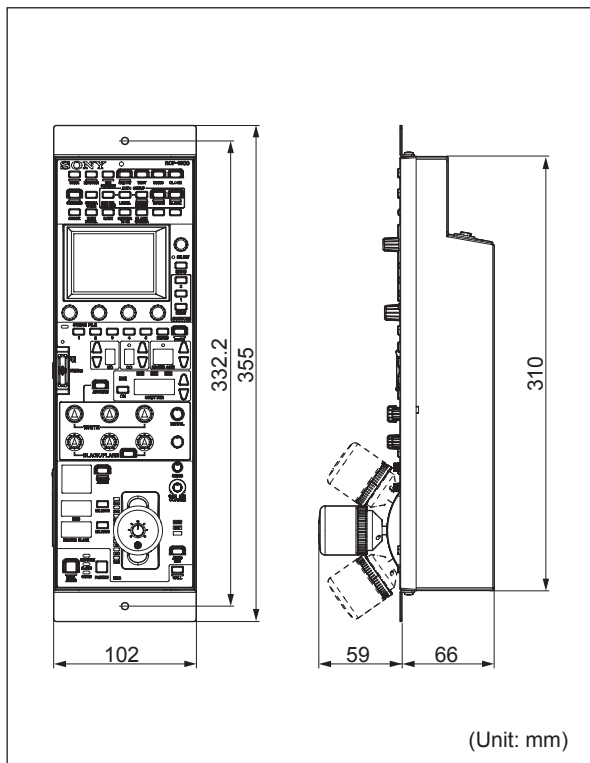
Operating temperature: +5 to +40 °C

Humidity: No condensation

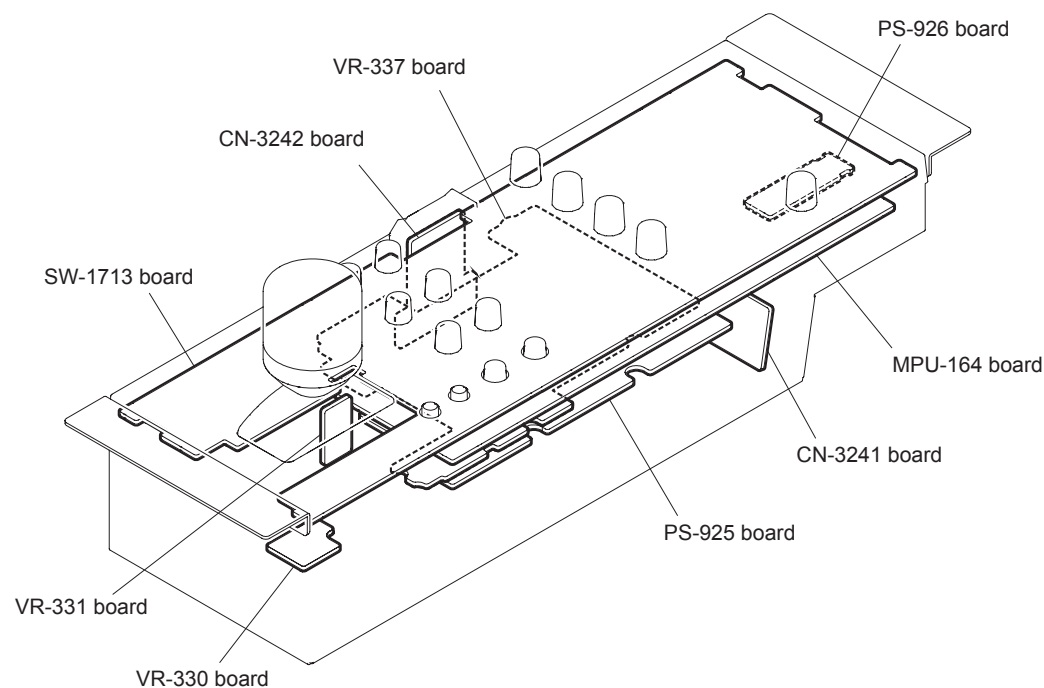
1-1-2. Installation Conditions

Secure a space of 70 mm or more backward from the connector panel to protect cables from damage.

1-1-3. Outside Dimensions (Unit: mm)

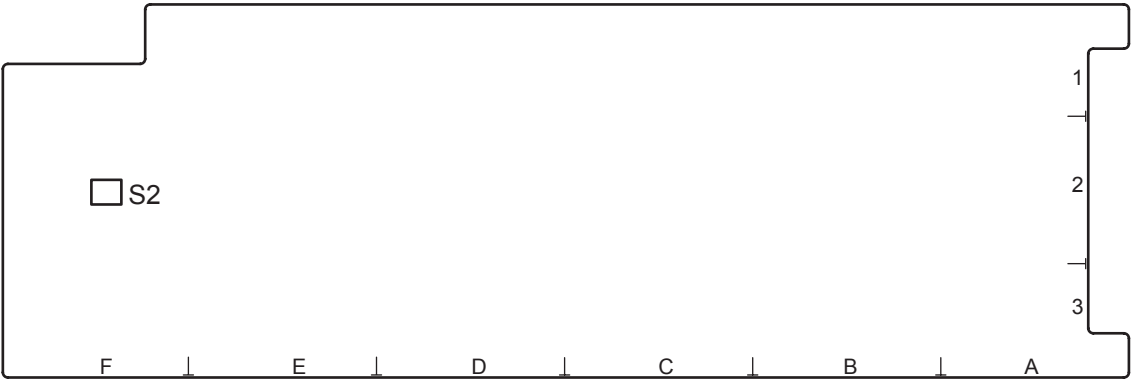


1-2. Location of Printed Wiring Boards

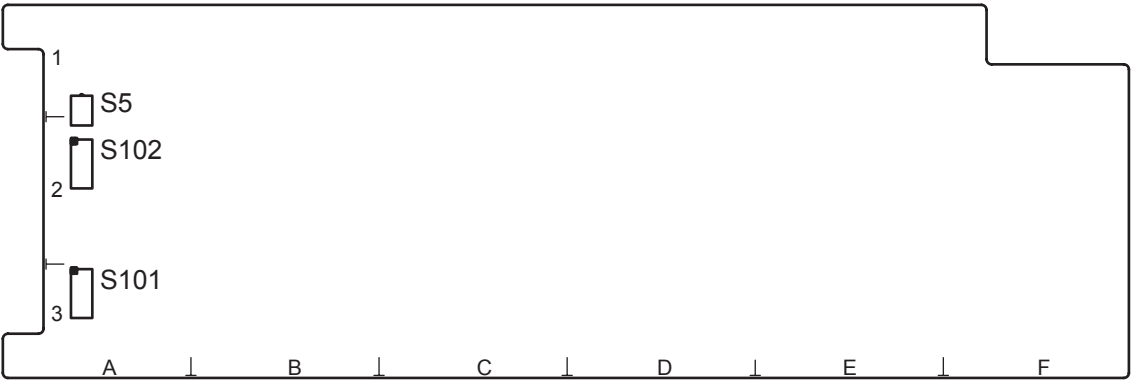


1-3. Settings of Internal Switches

MPU-164 Board



(SIDE A)

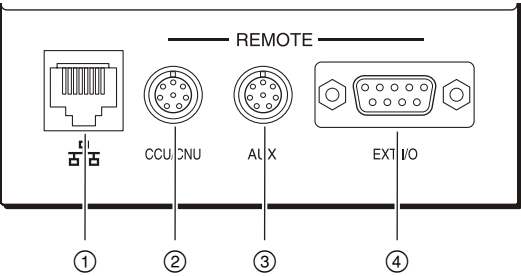


(SIDE B)

Ref. No.	Description	Factory setting
S2	CPU RESET	OFF
S5	EXT I/O DIR	OFF
S101	CPU MODE	OFF
S102	option	OFF

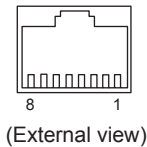
1-4. Connectors and Cables

1-4-1. Location of Connectors



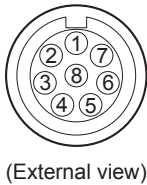
1-4-2. Input/Output Signals of Connectors

① Ethernet: 10Base-T/100Base-TX (8P, Modular Jack RJ-45)



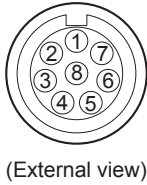
No.	Signal name	Specification
1	TX (+)	Transmitted data (+)
2	TX (-)	Transmitted data (-)
3	RX (+)	Received data (+)
4	—	No connection (PoE PW IN)
5	—	No connection (PoE PW IN)
6	RX (-)	Received data (-)
7	—	No connection (PoE PW IN)
8	—	No connection (PoE PW IN)

② CCU/CNU REMOTE (8P, Female)



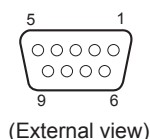
No.	Signal name	Specification
1	TX (+)	RCP serial data (+)
2	TX (-)	RCP serial data (-)
3	RX (+)	CCU/CNU serial data (+)
4	RX (-)	CCU/CNU serial data (-)
5	TX GND	GND for TX
6	POWER (+) IN	RCP power, +10.5 V to +30 V
7	POWER (-) IN	GND for power
8	SPARE	
	CHASSIS GND	Chassis GND

③ AUX REMOTE (8P, Female)



No.	Signal name	Specification
1	TX (+)	RCP serial data (+)
2	TX (-)	RCP serial data (-)
3	RX (+)	AUX serial data (+)
4	RX (-)	AUX serial data (-)
5	TX GND	GND for TX
6	POWER (+) OUT	RCP power, +10.5 V to +30 V
7	POWER (-) OUT	GND for power
8	SPARE	
	CHASSIS GND	Chassis GND

④ EXT I/O (9P, Female)



No.	Signal name	Specification
1	PREVIEW S1	Contact (Current Limit 200 mA)
2	PREVIEW S2	Contact (Current Limit 200 mA)
3	SPARE	
4	SPARE	
5	TALLY ENABLE	- Each signal of pins 5,6 and 7 is activated by low (GND) level. - When the "Tally enable" signal (pin 5) is low, the "R Tally in" signal (pin 6) and the "G Tally in" signal (pin 7) are enabled. - When the "Tally enable" signal (pin 5) is open (high level), pin 7 functions as "Preview in" and pin 6 has no function. - Signals "R Tally" and "G Tally" function independently with no priority.
6	R TALLY IN	
7	PREVIEW IN/ G TALLY IN	
8	POWER IN	RCP power, +10.5 V to +17 V
9	GND	GND for power

Note

This tally control function from the EXT I/O connector is not available for systems using Camera Network Unit (CNU) and LAN connection in Multi-Camera System (MCS) Mode.

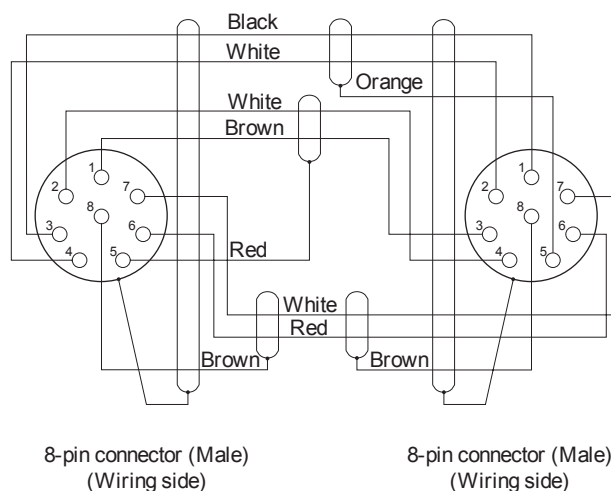
1-4-3. Connectors

When connecting cables to the connectors on the connector panel during installation or service, use the cable connectors or cables below.

Connector name	Connector
AUX REMOTE CCU/CNU REMOTE (8P, Female)	1-766-848-11 Plug, 8P Male or CCA-5 Cable Assembly (separately available) CCA-5-3 (3 m), CCA-5-10 (10 m), CCA-5-30 (30 m)
EXT I/O (9P, Female)	1-560-651-11 D-sub 9P, Male 1-568-182-11 JAE DE-9PF-N
Ethernet (8P)	RJ-45 Modular Jack (conforming to 100BASE-TX standard) IEEE802.3μ compliant

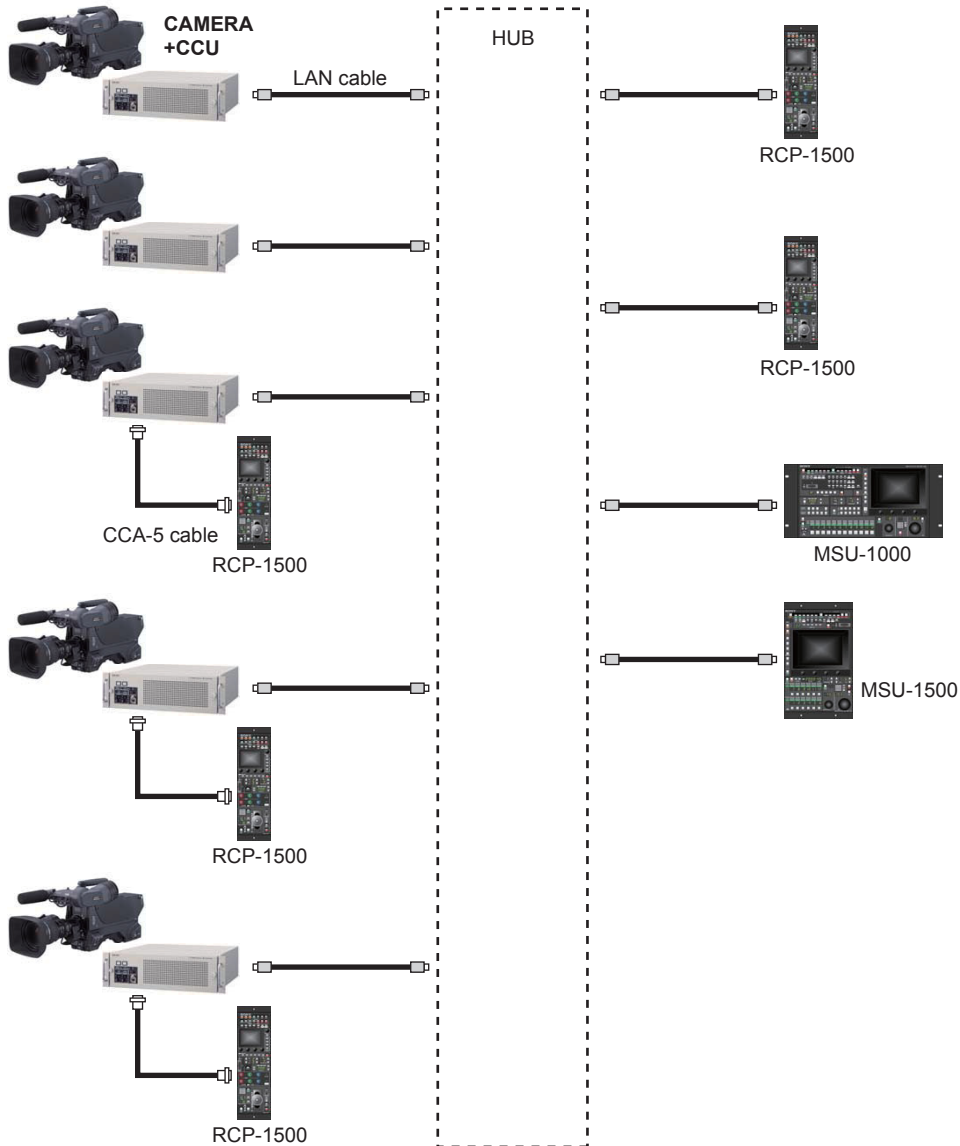
1-4-4. Cable Connection

CCA-5 cable



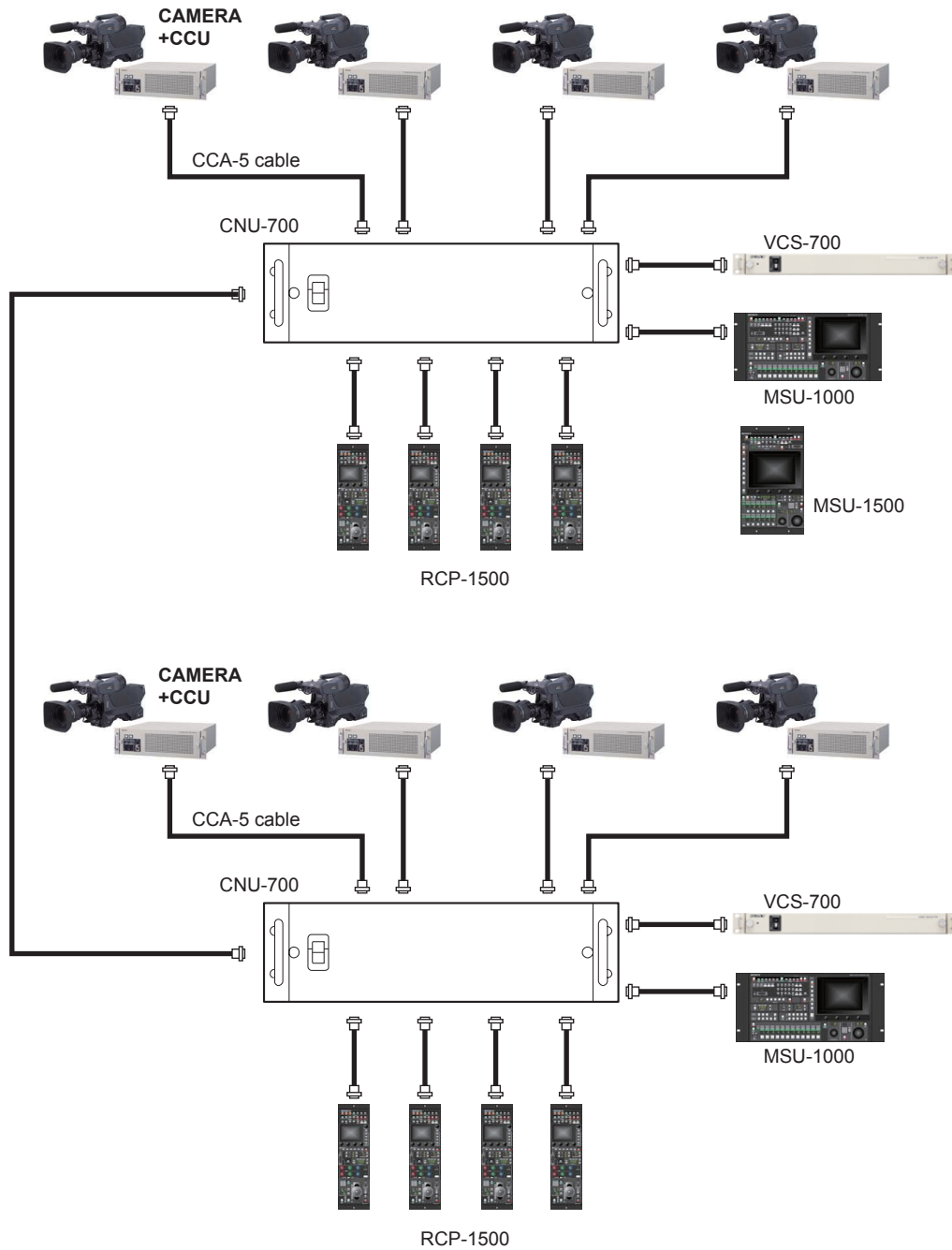
1-5. System Connection

1-5-1. Camera System Using LAN



- This is a connection example in the MCS mode. In this case, one MSU to be a master is required. Do not turn off the power of the master MSU during operation.
- Up to 96 units (excluding the master MSU) can be connected directly to the network. The RCP connected to the CCU (connected to the network) with a CCA cable and the CCU connected to the RCP (connected to the network) with a CCA cable do not affect the maximum number of units. The client MSU is counted as one unit.
- Neither CNU nor VCS can be connected to the system.
- Up to 96 units (excluding this master) can be connected to the network by using the MSU-1000/1500 for the master.

1-5-2. Camera System Using Camera Network Units (CNU)

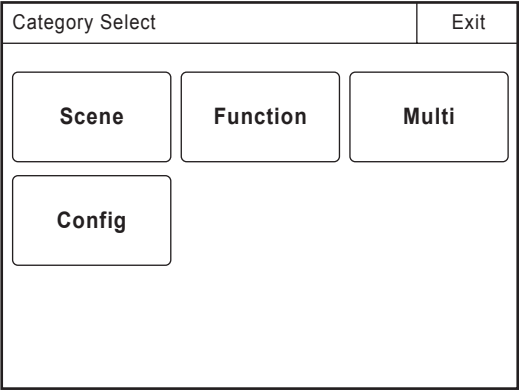


- The maximum distance between CCU and RCP is 200 m.
- The CNU-700 can configure a system of up to six units as a standard system. Only one MSU and VCS can be connected.
- The CNU-700 can configure a system of up to 12 units by installing BKP-7930 in the CNU-700. Up to two MSUs and VCSs can be connected.
- A system of up to 24 units can be configured by connecting two CNU-700 units mutually. Up to four MSUs and VCSs can be connected. However, ALL, RCP assignment, and master/subordinate cannot be executed for a camera system connected to different CNUs.

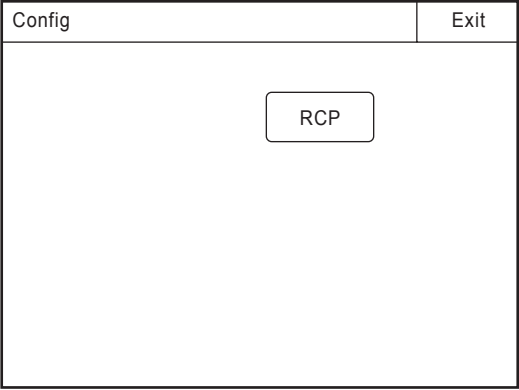
1-6. Service Mode

1-6-1. Service Mode Setting

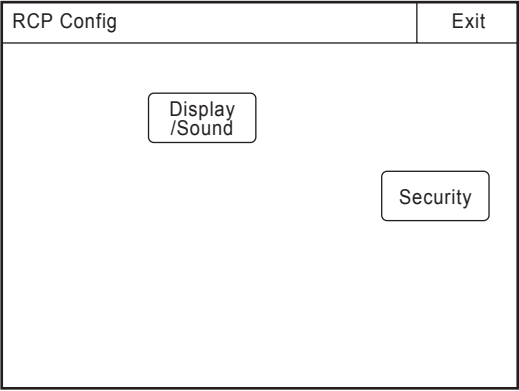
- 1. Press the [MENU] button on the unit to display the Category Select menu.



- 2. Press [Config] on the screen to display the Config menu.



- 3. Press [RCP] to display the RCP Config menu.



4. Press [Security] to display the Security menu.

Security	Exit
Engineer Mode	

5. Press the blank area under [Engineer Mode] (enclosed by dotted line in above figure) for five seconds to display the Code No. input screen.

Security	Exit
Service Mode Code No: OK Cancel 789 456 123 0	

6. Enter Code No. <05127900> and press [OK] to enter the service mode.

Security	Service Mode	Exit
Page Permission Item Permission Engineer Protect ALL Preset Engineer Mode Service Mode		

1-6-2. Firmware Update

Notes

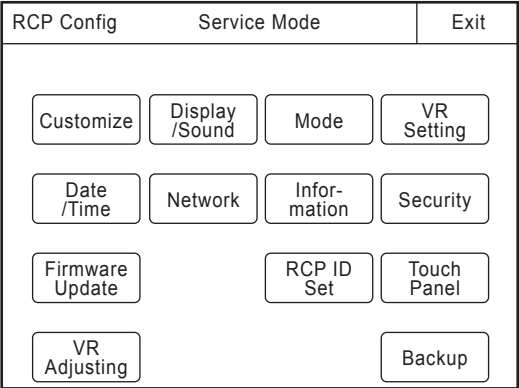
- For how to obtain the ROM data file, contact your local Sony Sales Office/Service Center.
- Do not turn off the power during firmware update. Doing so will disable the unit to restart.

Updating the main program

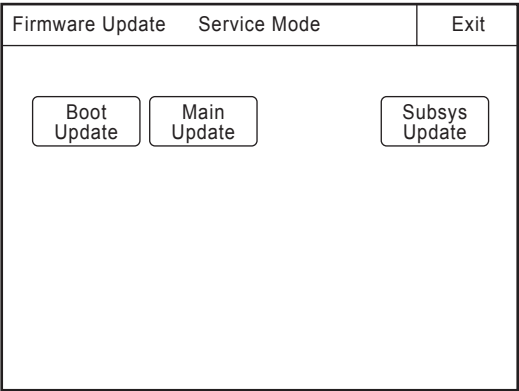
Equipment to be used

- ROM data file (for MAIN): RCP15XX.ROM
- Memory Stick DUO

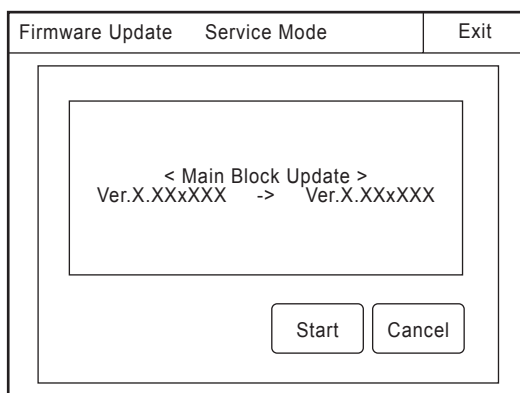
1. Create the following directory for the Memory Stick.
 \MSSONY\PRO\CAMERA\RCP15XX
2. Copy the ROM data file to the above folder of the Memory Stick.
3. Insert the Memory Stick into the Memory Stick slot of the unit.
4. Display the RCP Config menu in the service mode. (Refer to Section 1-6-1.)



5. Press [Firmware Update] to display the Firmware Update menu.



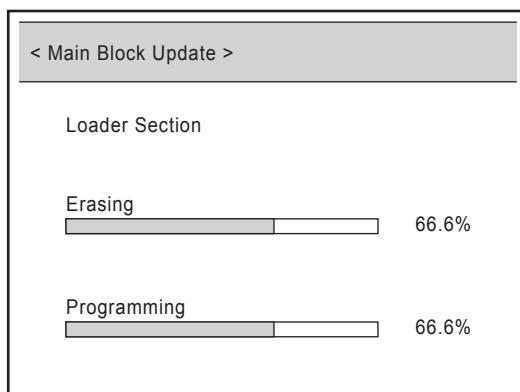
6. Press [Main Update] to display the confirmation screen.



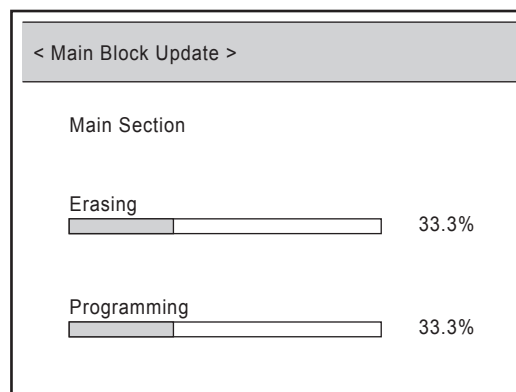
7. Press [Start] to perform update of the main program.

Note

The Loader Section and then the Main Section of the main program are updated. The Loader Section is updated first. The screen is cleared when the progress bar reaches 100%, and then the Main Section is updated using the Loader Section loaded in advance.

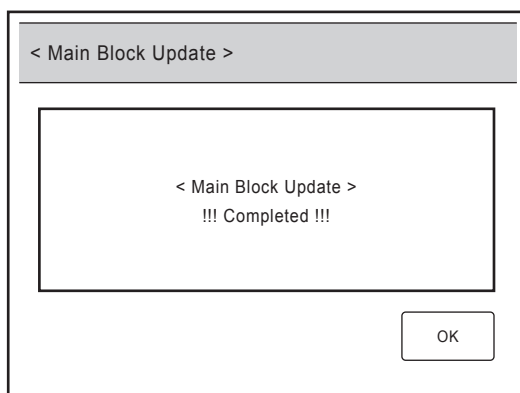


Loader Section Update Screen



Main Section Update Screen

8. Confirm on the screen below that the update has been successfully completed.



9. Press [OK] to restart the unit.

Version check after completion of update

Perform the following procedure to check the program version after the update is completed.

- 1. Press [Engineer Mode] from the Security menu to enter the engineer mode. (Refer to Section 1-6-1.)
Display the RCP Config menu in the engineer mode.

RCP Config	Engineer Mode	Exit
Customize	Display /Sound	Mode
	VR Setting	
Date /Time	Network	Information
		Security
Backup		

- 2. Press [Information] to display the Information menu.

Information	Engineer Mode	Exit
Version	Network info	

- 3. Press [Version] to display the Version Info. screen.

Version Info.	Engineer Mode	Exit
Model Name: RCP-15XX/15XX Serial No.: XXXXXX MAIN: Ver. X.XXxxxx BOOT: Ver. X.XXxxxx LOADER: Ver. X.XXxxxx SUBSYS: Ver. X.XX		

Notes

- If entire information is not displayed in the screen, turn the left-end rotary encoder under the LCD to scroll the display.
- The PLD version is displayed in the service mode and engineer mode.

Forced update of the main program

Forced update is an emergency means of update. In case this unit malfunctions due to power-off during update of the main program or other reasons, the main program can be reset by forced update.

1. Insert the Memory Stick that contains the copied ROM data file into the Memory Stick slot of the unit.
2. Turn on the power while pressing the [PARA] button, [MASTER] button, and the SCENE FILE [STORE] button simultaneously.

Notes

- Keep pressing these three buttons until the update display appears on the LCD screen. The update starts automatically.
 - The Main Section and then the Loader Section are updated in the forced update operation. When the Loader Section data in the Memory Stick is the same as the ROM data, Loader Section update is skipped.
3. Confirm that the dialog box indicating completion of the forced update appears.
 4. Press [Exit] on the screen to restart the unit.

Updating the boot program

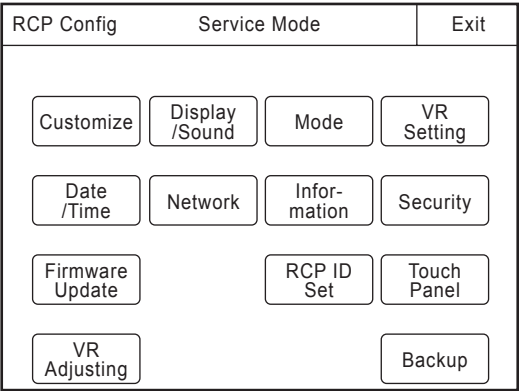
Notes

- For how to obtain the ROM data file, contact your local Sony Sales Office/Service Center.
- Do not turn off the power during firmware update. Doing so will disable the unit to restart.

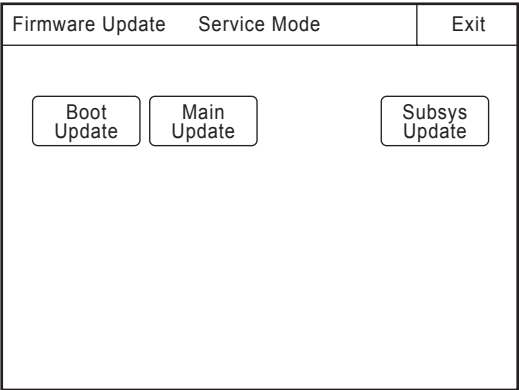
Equipment to be used

- ROM data file (for BOOT): RCP15XX_BOOT.ROM
- Memory Stick DUO

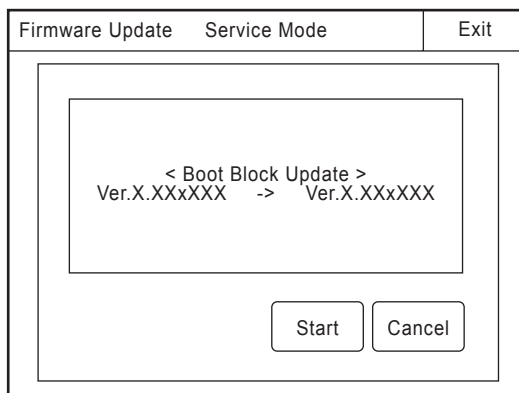
1. Create the following directory in the Memory Stick.
 \MSSONY\PRO\CAMERA\RCP15XX
2. Copy the ROM data file to the above folder in the Memory Stick.
3. Insert the Memory Stick into the Memory Stick slot of the unit.
4. Display the RCP Config menu in the service mode. (Refer to Section 1-6-1.)



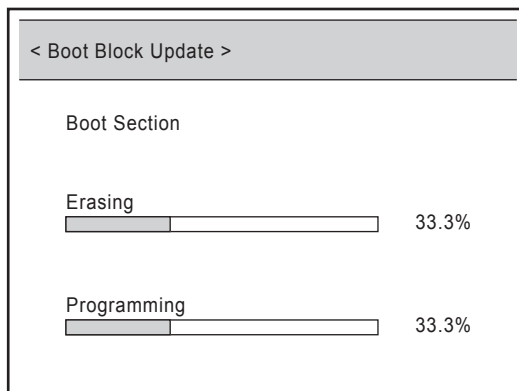
5. Press [Firmware Update] to display the Firmware Update menu.



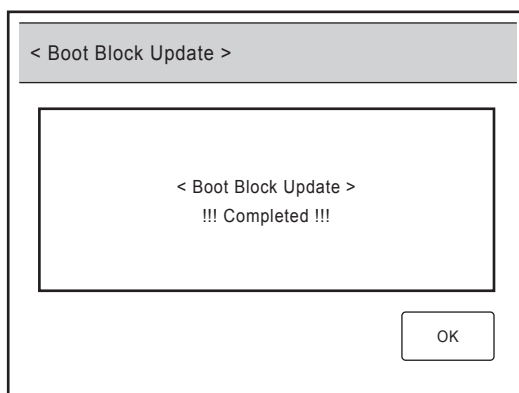
6. Press [Boot Update] to display the confirmation screen.



7. Press [Start] to update the boot program.



8. Confirm on the screen below that the update has been successfully completed.



9. Press [OK] to restart the unit.

Writing/rewriting internal data for the subsystem (SUB-CPU, PLD)

A SUB-CPU, PLD (Programmable Logic Device) is mounted in this unit, and it can be written and rewritten by update using a Memory Stick in the same way as the main CPU. Perform the following procedure.

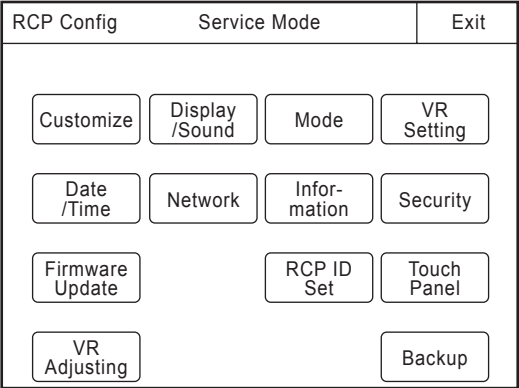
Notes

- For how to obtain the ROM data file, contact your local Sony Sales Office/Service Center.
- Do not turn off the power during firmware update. Doing so will disable the unit to restart.

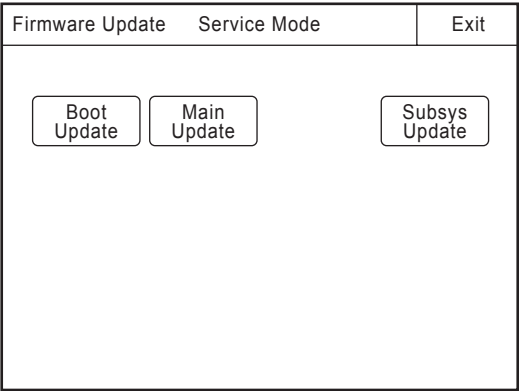
Equipment to be used

- ROM data file (for SUBSYS (SUB-CPU, PLD)): RCP15XX_SUB.ROM
- Memory Stick DUO

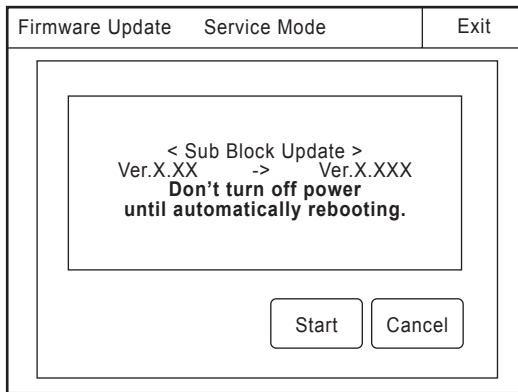
1. Create the following directory in the Memory Stick.
 \MSSONY\PRO\CAMERA\RCP15XX
2. Copy the ROM data file to the above folder in the Memory Stick.
3. Insert the Memory Stick into the Memory Stick slot of the unit.
4. Display the RCP Config menu in the service mode. (Refer to Section 1-6-1.)



5. Press [Firmware Update] to display the Firmware Update menu.



- Press [Subsys Update] to display the confirmation screen.



- Press [Start] to update the internal data.

Note

The illuminated switches, LEDs, and the LCD are turned off during Subsys Update, and the Memory Stick indicator displays the update progress. The indicator blinks green and red during update, and goes out upon completion of the update. After the internal data has been updated, this unit restarts automatically. Do not turn off the power until the unit has restarted.

1-6-3. VR Offset Adjustment

Set the variable range of the IRIS adjustment potentiometer or the MASTER BLACK adjustment potentiometer.

Note

When any of these potentiometers, the EEPROM (IC11, IC12) on the MPU-164 board, or the MPU-164 board is replaced, adjust the VR offset.

1. Display the RCP Config menu in the service mode. (Refer to Section 1-6-1.)

RCP Config		Service Mode		Exit
Customize	Display /Sound	Mode	VR Setting	
Date /Time	Network	Information	Security	
Firmware Update	RCP ID Set		Touch Panel	
VR Adjusting				Backup

2. Press [VR Adjusting] to display the VR Adjusting menu.

The current stored data is displayed at the upper part of the screen, and the current A/D value of the potentiometer is displayed in the Iris MIN field

VR Adjusting		Service Mode		Exit
Iris MIN	Iris MAX	MB MIN	MB MAX	
14	3a5	75	3c1	
Iris VR Save		MB VR Save		
Iris MIN Set	Iris MAX Set	MB MIN Set	MB MAX Set	
Iris MIN	Iris MAX	MB MIN	MB MAX	
13				

Current stored data

Current A/D value of potentiometer

3. Set IRIS to the CLOSE end and press [Iris MIN Set] to set the data at the CLOSE end.
The current A/D value of the potentiometer is displayed in the Iris MAX field.
4. Set IRIS to the OPEN end and press [Iris MAX Set] to set the data at the OPEN end.
5. Press [Iris VR Save] to store the MIN data and MAX data in the EEPROM.
The current A/D value of the potentiometer is displayed in the MB MIN field.
6. Set MASTER BLACK to MIN and press [MB MIN Set] to set the MIN data.
The current A/D value of the potentiometer is displayed in the MB MAX field.
7. Set MASTER BLACK to MAX and press [MB MAX Set] to set the MAX data.
8. Press [MB VR Save] to store the MIN data and MAX data in the EEPROM.
9. Press [Exit] to exit the setting mode.

1-6-4. RCP ID Setting

Two RCP units can be concatenated to a single camera/CCU by making connection between the CCU/CNU connector of this unit and the AUX connector of another RCP unit. However, it is necessary to change the ID setting for communication (RCP ID) of the RCP that is farther from the CCU/CNU.

Note

Up to two RCP units can be concatenated, and any RCP to which power is supplied from an Ethernet hub using the PoE cannot be connected.

1. Display the RCP Config menu in the service mode. (Refer to Section 1-6-1.)

RCP Config		Service Mode		Exit	
Customize	Display /Sound	Mode	VR Setting		
Date /Time	Network	Information	Security		
Firmware Update		RCP ID Set	Touch Panel		
VR Adjusting			Backup		

2. Press [RCP ID Set] to display the RCP ID Set menu.

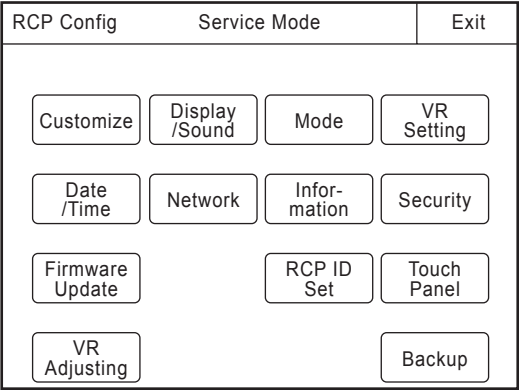
RCP ID Set		Service Mode		Exit	
				Set	
				Cancel	
				RCP ID	0

3. Turn the right-end rotary encoder under the LCD to set the RCP ID and press [Set].

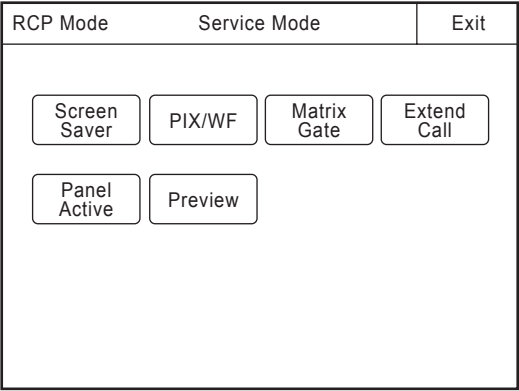
1-6-5. PANEL ACTIVE Toggle Mode Setting

When a CNU system or a camera network system is constructed with the MCS (Multi Camera System) mode, if display is turned off with the [PANEL ACTIVE] button, PANEL ACTIVE does not exist normally in any PANEL. Setting the mode to the PANEL ACTIVE toggle mode allows returning of PANEL ACTIVE to the panel that was ACTIVE when PANEL ACTIVE was acquired.

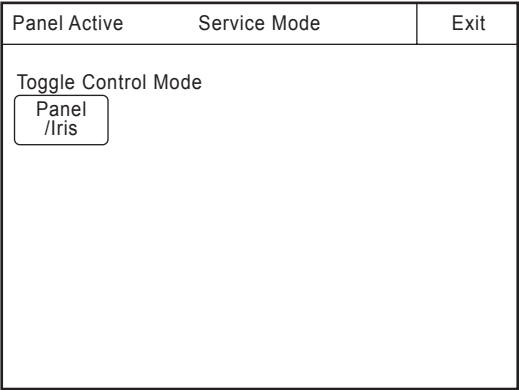
- 1. Display the RCP Config menu in the service mode. (Refer to Section 1-6-1.)



- 2. Press [Mode] to display the RCP Mode menu.



- 3. Press [Panel Active] to display the Panel Active menu.



- 4. Press [Panel/Iris] to set Toggle Control Mode to ON.

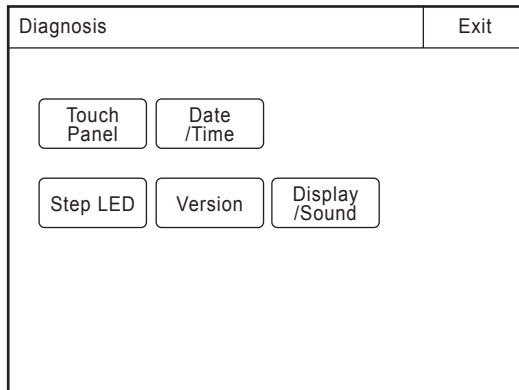
Notes

- To return PANEL ACTIVE, set Toggle Control Mode of all PANEL to be returned to ON.
- To restore the normal operation, set Toggle Control Mode to OFF.

1-7. Self-Diagnosis

Starting the self-diagnosis mode

1. Press the [PARA] button, [MASTER] button, and the SCENE FILE [1] button of the unit simultaneously to display the Diagnosis menu.



Closing the self-diagnosis mode

1. Press the [PARA] button, [MASTER] button, and the SCENE FILE [1] button of the unit simultaneously or press [Exit] on the screen to exit the Diagnosis menu.

1-7-1. Touch Panel

The LCD touch panel operation of this unit can be confirmed using a self-diagnosis function.

Note

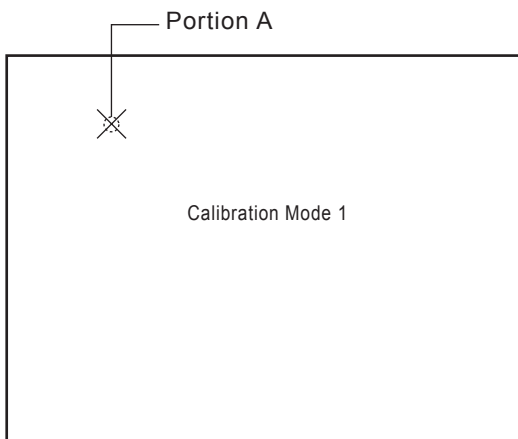
If the correct mode is not enabled or the correct screen does not appear even when the setting button or an adjustment item button is pressed on the LCD touch panel, make the calibration adjustment.

Required equipment

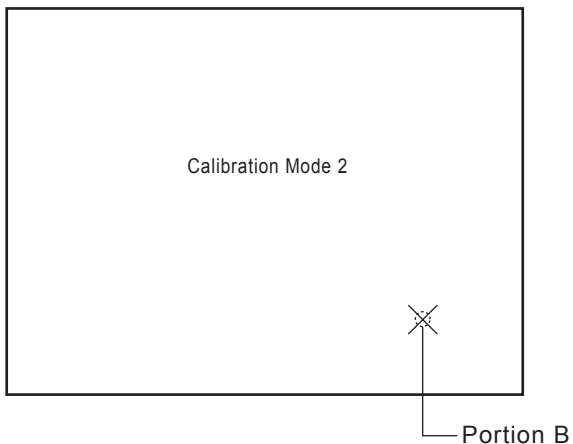
Stylus pen (commercial-available products) or tip-thinned stick not damaging the touch panel

Procedure

1. Start the Diagnosis (Self-diagnosis) menu.
2. Press [Touch Panel] to display the Calibration Mode 1 screen.

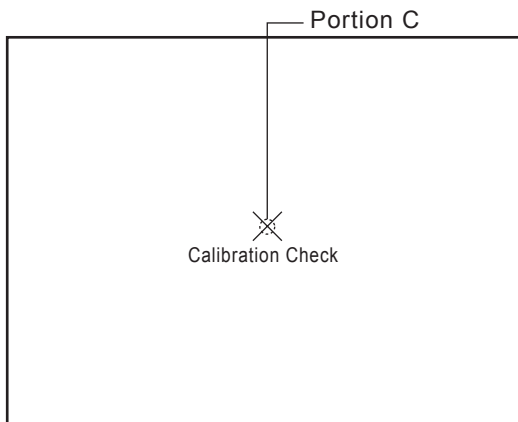


3. Push the center (portion A) of mark X in the upper-left position of the Calibration Mode 1 screen using a stylus pen.
The Calibration Mode 2 screen is displayed.



4. Push the center (portion B) of mark X in the lower-right position of the Calibration Mode 2 screen using a stylus pen.

The Calibration Check screen is displayed.



5. Push the center (portion C) of mark X in the center of the Calibration Check screen using a stylus pen.

When the operation is terminated normally, “Calibration Complete” message is displayed.

Note

For NG, the display is returned to the Calibration Mode 1 menu after a “Retry” message is displayed.
Repeat steps 2 to 5 again.

1-7-2. Device

Operation of the illuminated switches, LED indicators, and rotary encoders on the control panel can be checked by the self-diagnosis mode of the unit.

Note

If the correct mode is not enabled or the correct screen does not appear even when the setting button or an adjustment item button is pressed, be sure to check the operation.

Procedure

1. Start the Diagnosis (Self-diagnosis) menu.
2. Check the operation check of each device.

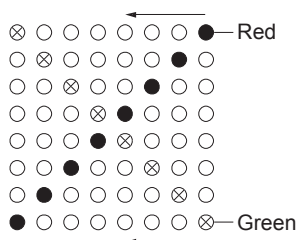
Operation check

Illuminated switch

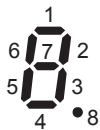
When each illuminated switch is pressed, the switch lights.

Indicator

1. Check that the red and green cross display in the camera number/tally display area moves from right to left.



2. Make sure that the Memory Stick ACCESS indicator blinks in sequence of red, green then orange.
3. Make sure that the EXT indicator of the IRIS adjusting block blinks.
4. Make sure that the 7-segment LEDs of ECS/ SHUTTER, GAMMA, MASTER GAIN control blocks and MASTER BLACK and IRIS adjusting blocks light up in the following order.



Rotary encoders and adjustment potentiometers

When each rotary encoder is turned, the number of each rotary encoder is displayed in the IRIS adjustment area, and the control value of each rotary encoder is displayed in the MASTER BLACK adjustment area.

1-8. Replacement of Main Parts

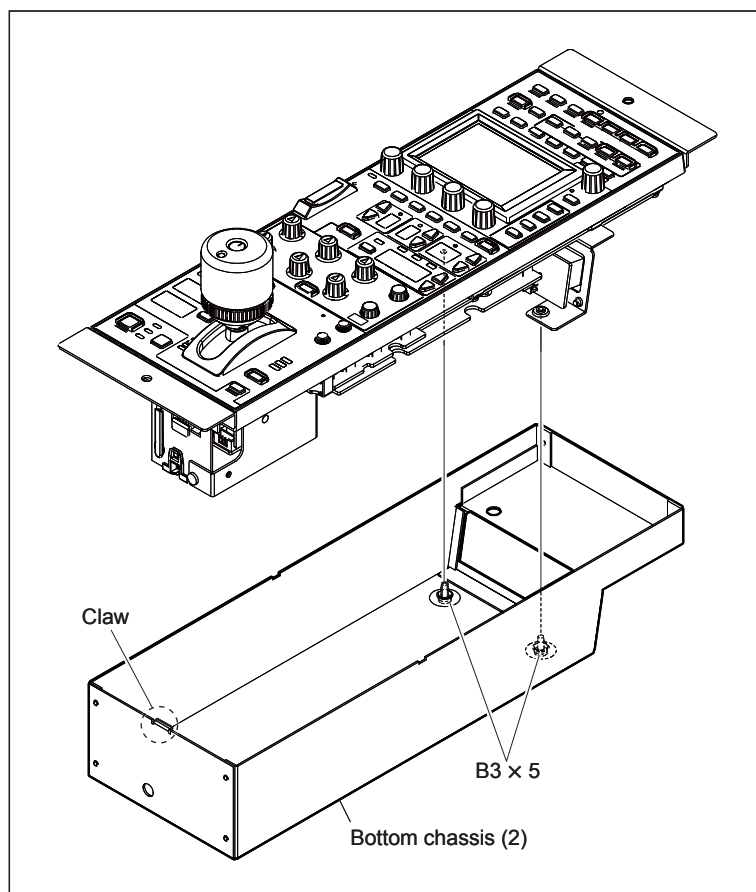
WARNING

Be sure to disconnect the power plug before starting replacement work.

1-8-1. Removing/Installing the Bottom Chassis (2)

Removal

1. Loosen the two screws (B3 × 5).
2. Remove the claw, and remove the bottom chassis (2).



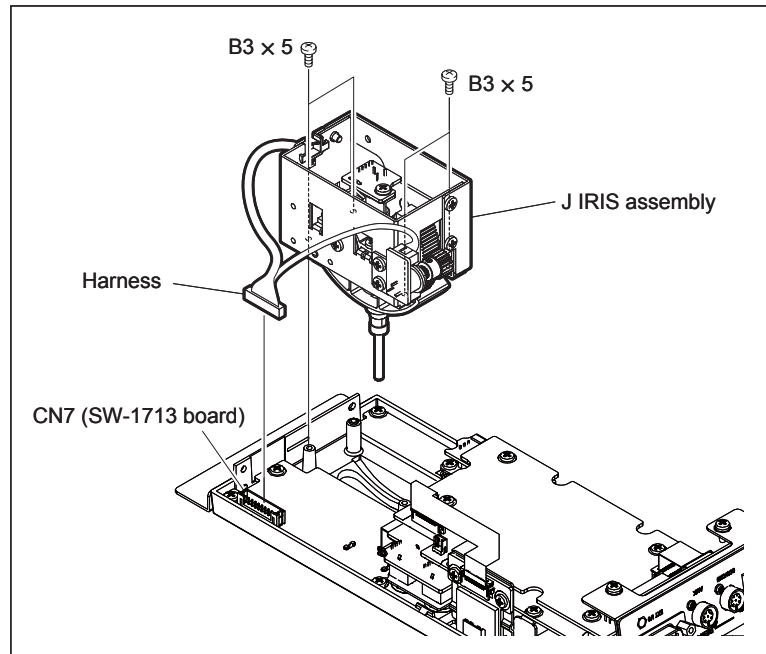
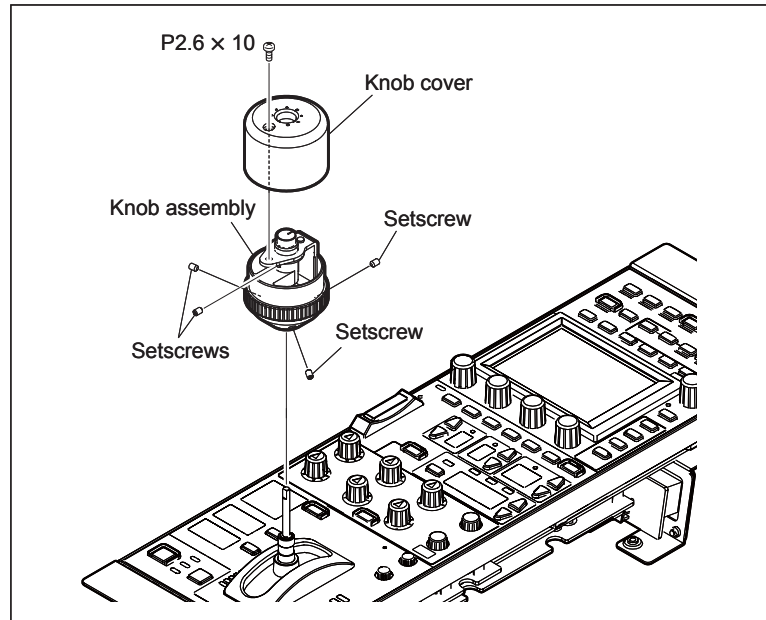
Installation

3. Install the bottom chassis (2) by reversing the steps of removal.

1-8-2. J IRIS Assembly

Removal

1. Remove the bottom chassis (2). (Refer to Section 1-8-1.)
2. Remove the screw (P2.6 × 10), and remove the knob cover.
3. Remove the four setscrews, and remove the knob assembly.
4. Disconnect the harness from the connector (CN7) on the SW-1713 board.
5. Remove the four screws (B3 × 5), and remove the J IRIS assembly.

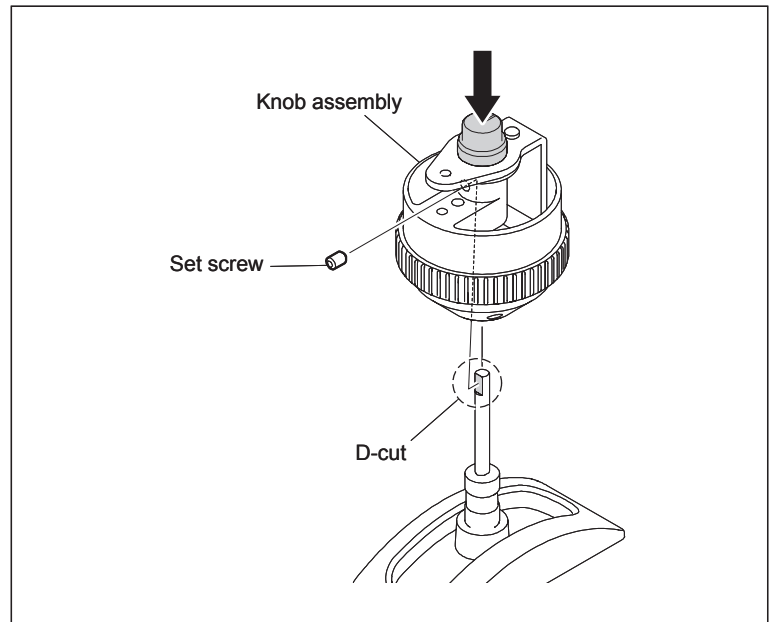


Installation

6. Install the J IRIS assembly by reversing the steps of removal.

Notes

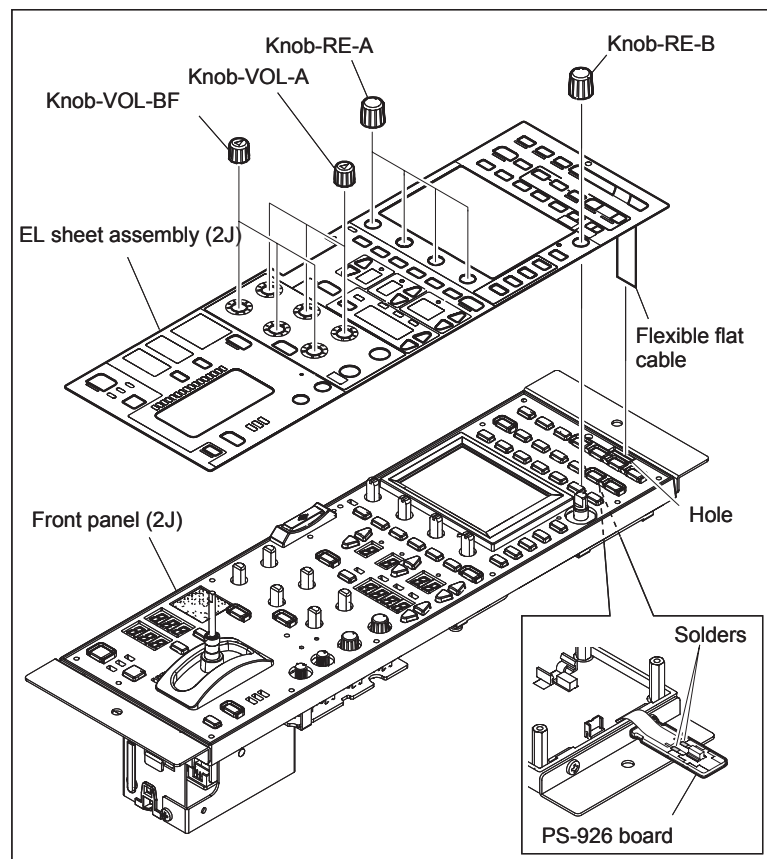
- When installing the knob assy, align the set screw and the D-cut surface.
- Tighten the set screw while pressing down the arrow part of the knob assy with a force of approx. 1kgf.
- When replacing the J IRIS assembly, perform the “1-6-3. VR Offset Adjustment”.



1-8-3. EL Sheet Assembly (2J)

Removal

1. Remove the bottom chassis (2).
(Refer to Section 1-8-1.)
2. Remove the knob assembly.
(Refer to Section 1-8-2.)
3. Remove the connector bracket.
(Refer to Section 1-9-1.)
4. Remove the PS/MPU board block.
(Refer to Section 1-9-3.)
5. Disconnect the PS-926 board from the connector (CN4) and PWB holder on the SW-1713 board.
6. Remove the solders on the PS-926 board, and remove the PS-926 board.
Note
Do not apply excessive heat when unsoldering the PS-926 board.
7. Remove the four knob-RE-A.
8. Remove the knob-RE-B.
9. Remove the three knob-VOL-A.
10. Remove the three knob-VOL-BF.
11. Peel off the EL sheet assembly (2J) from the front panel (2J).
12. Remove the flexible cable of the EL sheet assembly (2J) through the hole in the front panel (2J) and remove the EL Sheet assembly (2J).



Installation

13. Install the EL sheet assembly (2J) by reversing the steps of removal.

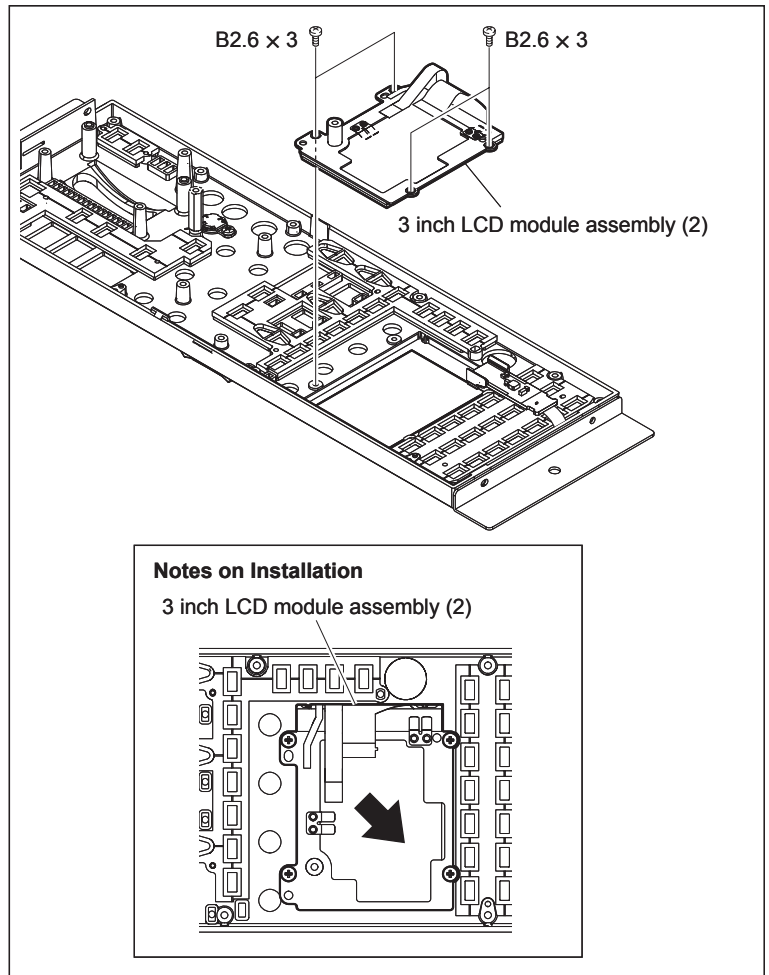
1-8-4. 3 inch LCD Module Assembly (2)/Touch Panel (3.0 inch)

Removal

1. Remove the bottom chassis (2).
(Refer to Section 1-8-1.)
2. Remove the J IRIS assembly.
(Refer to Section 1-8-2.)
3. Remove the connector bracket.
(Refer to Section 1-9-1.)
4. Remove the PS/MPU board block.
(Refer to Section 1-9-3.)
5. Remove the VR-337 board.
(Refer to Section 1-9-4.)
6. Remove the MS board bracket (A).
(Refer to Section 1-9-5.)
7. Remove the SW-1713 board.
(Refer to Section 1-9-6.)
8. Remove the four screws (B2.6 × 3), and remove the 3 inch LCD module assembly (2).

Note

When installing the 3 inch LCD module assembly (2), tighten the screws while pushing the 3 inch LCD module assembly (2) in the direction of arrow.



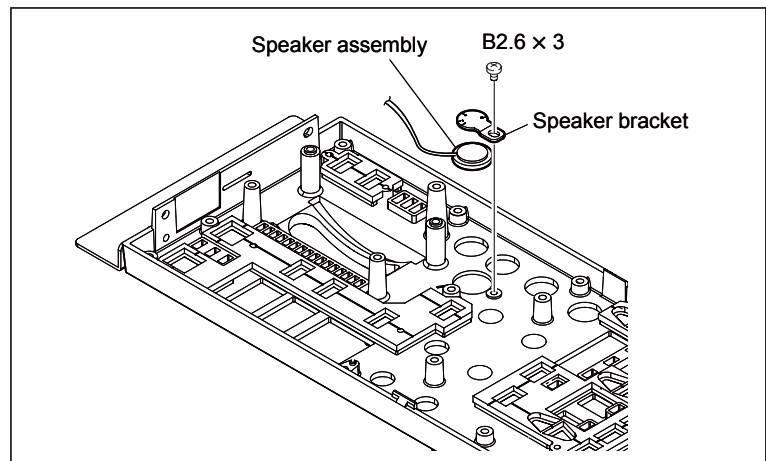
Installation

9. Install the 3 inch LCD module assembly (2) by reversing the steps of removal.

1-8-5. Speaker Assembly

Removal

1. Remove the bottom chassis (2). (Refer to Section 1-8-1.)
2. Remove the J IRIS assembly. (Refer to Section 1-8-2.)
3. Remove the connector bracket. (Refer to Section 1-9-1.)
4. Remove the PS/MPU board block. (Refer to Section 1-9-3.)
5. Remove the VR-337 board. (Refer to Section 1-9-4.)
6. Remove the MS board bracket (A). (Refer to Section 1-9-5.)
7. Remove the SW-1713 board. (Refer to Section 1-9-6.)
8. Remove the screw (B2.6 × 3), and remove the speaker bracket.
9. Remove the speaker assembly.

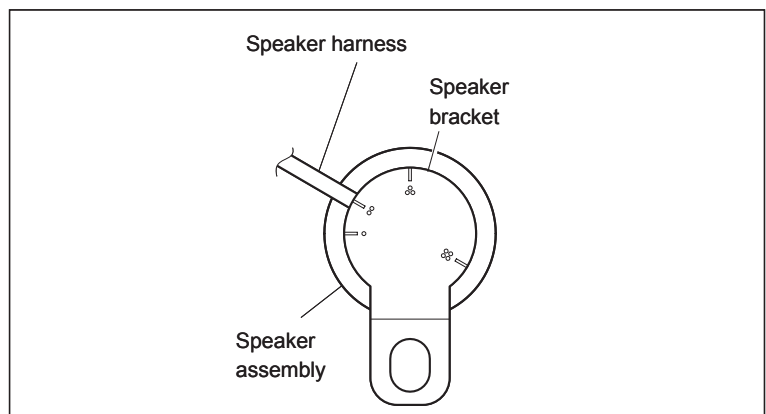


Installation

10. Install the speaker assembly by reversing the steps of removal.

Note

Install the speaker assembly aligning the harness with the mark on the speaker bracket as shown in the figure.



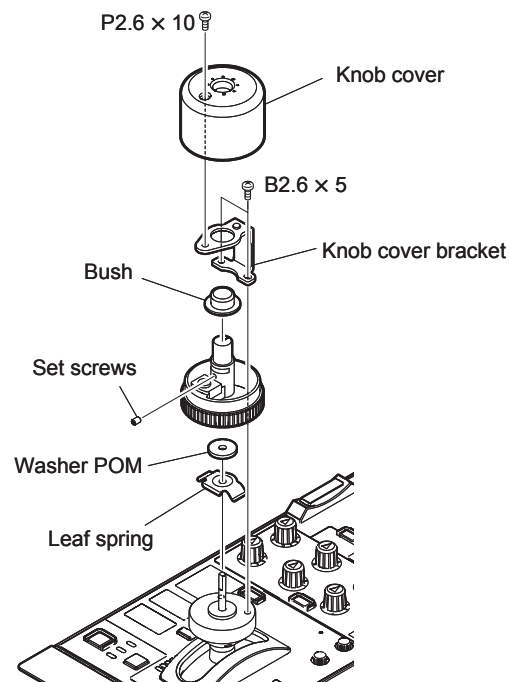
1-8-6. Leaf Spring

Removal

1. Remove the screw (P2.6 × 10), and remove the knob cover.
2. Remove the two screws (B2.6 × 5), and remove the knob cover bracket.
3. Remove the bush.
4. Remove the set screw, and remove the knob MB.
5. Remove the washer POM, and remove the leaf spring.

Note

Some units have no washer POM or leaf spring and some units have another type of leaf spring, depending on the RCP-1500 version.
For these units, add or change washer POM and/or leaf spring to the state shown in the figure.

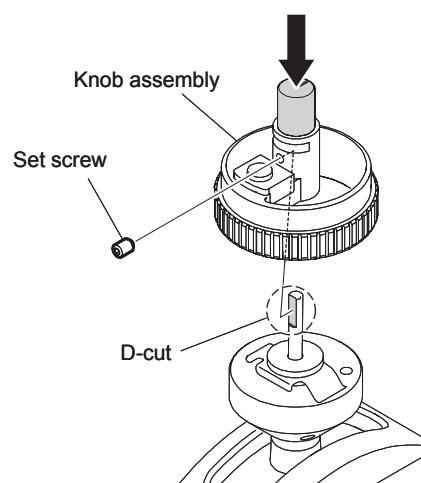


Installation

6. Install the leaf spring by reversing the steps of removal.

Notes

- When installing the knob assy, align the set screw and the D-cut surface.
- Tighten the set screw while pressing down the arrow part of the knob assy with a force of approx. 1kgf.



1-8-7. Replacing the Flexible Card Wires

1. Disconnecting/Connecting the Flexible Card Wire

Note

Life of flexible card wire/board will be significantly shortened if it is folded. Be very careful not to fold the flexible card wire/board.

The several types of different shape connectors are used in this unit.

Because the direction of the flexible card wire/board is different depending on the shape of the connector, be careful when connecting the flexible card wire/board.

Disconnecting

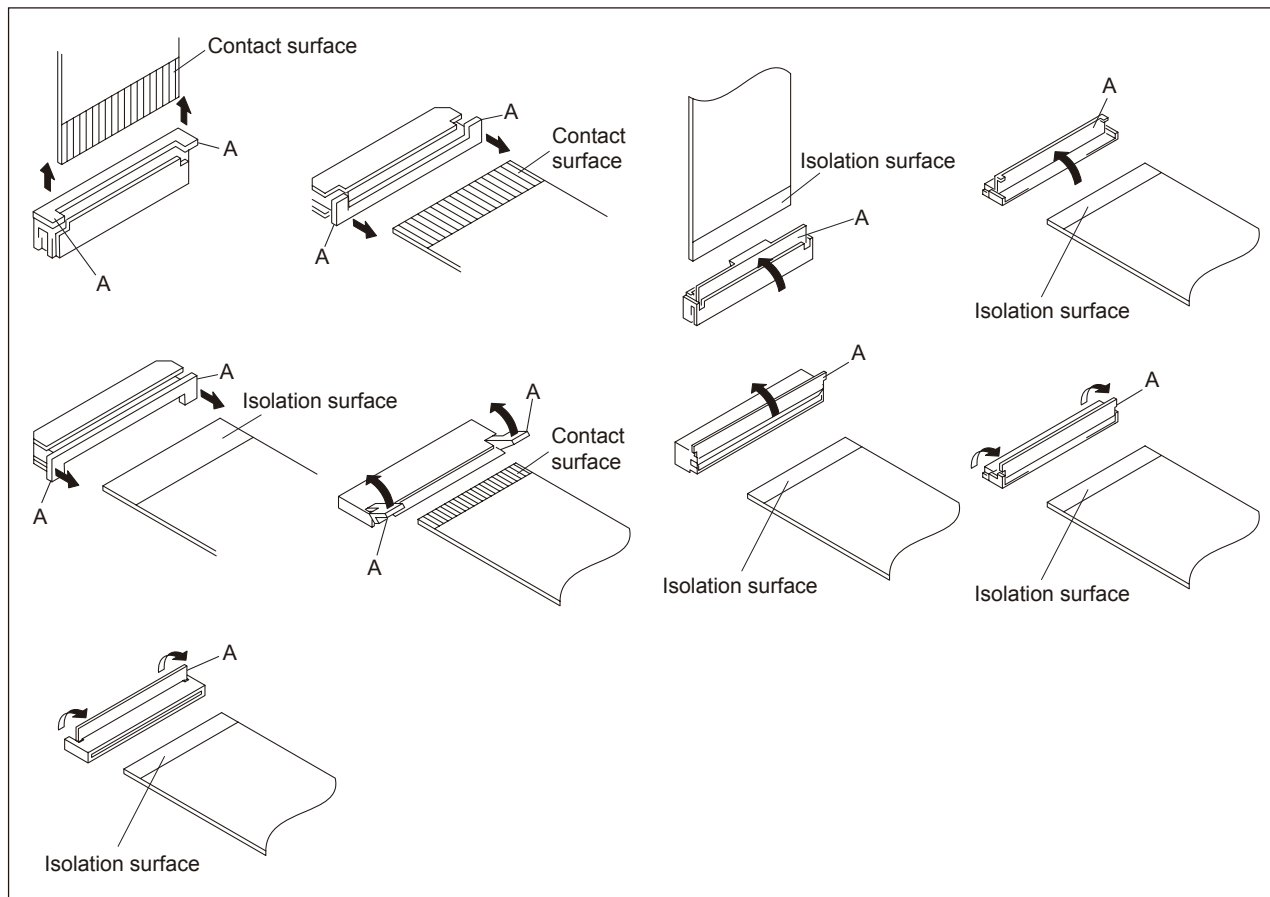
1. Turn off the power.
2. Slide or lift up the portion A in the direction of the arrow to unlock and pull out the flexible card wire.

Connecting

Notes

- Do not insert the flexible card wire sideways.
- Confirm that there is no stain or dust on the contact surface of the flexible card wire.
- When connecting the flexible card wire, check the connector shape, and great care should be taken for the direction of the contact surface or isolation surface (blue).

1. Slide or lift up the portion A in the direction of the arrow and securely insert the flexible card wire into the deep end of the connector.
2. Return the portion A to its original position and lock the connector.



2. Forming the Flexible Card Wire

When installing a new flexible card wire prepared as a spare part, bend it by hand referring to the flexible card wire supplied with this unit.

Note

Never reform the flexible card wire after being folded once.

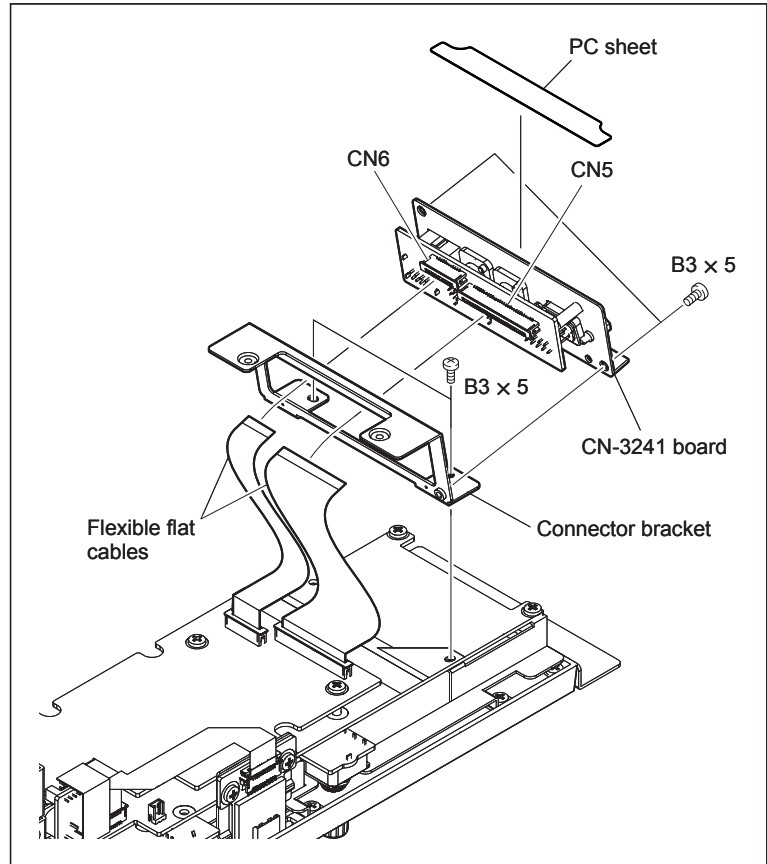
MPU-164 board CN1	⇔	CN-3242 board CN2
MPU-164 board CN5	⇔	SW-1713 board CN8
MPU-164 board CN6	⇔	SW-1713 board CN1
VR-337 board CN1	⇔	SW-1713 board CN5
PS-925 board CN1	⇔	CN-3241 board CN5
PS-925 board CN2	⇔	CN-3241 board CN6

1-9. Replacement of Boards

1-9-1. CN-3241 Board

Removal

1. Remove the bottom chassis (2). (Refer to Section 1-8-1.)
2. Disconnect the two flexible flat cables from the connectors (CN5, CN6) on the CN-3241 board.
3. Remove the two screws (B3 × 5), and remove the connector bracket.
4. Remove the two screws (B3 × 5), and remove the CN-3241 board from the connector bracket.
5. Remove the PC sheet.



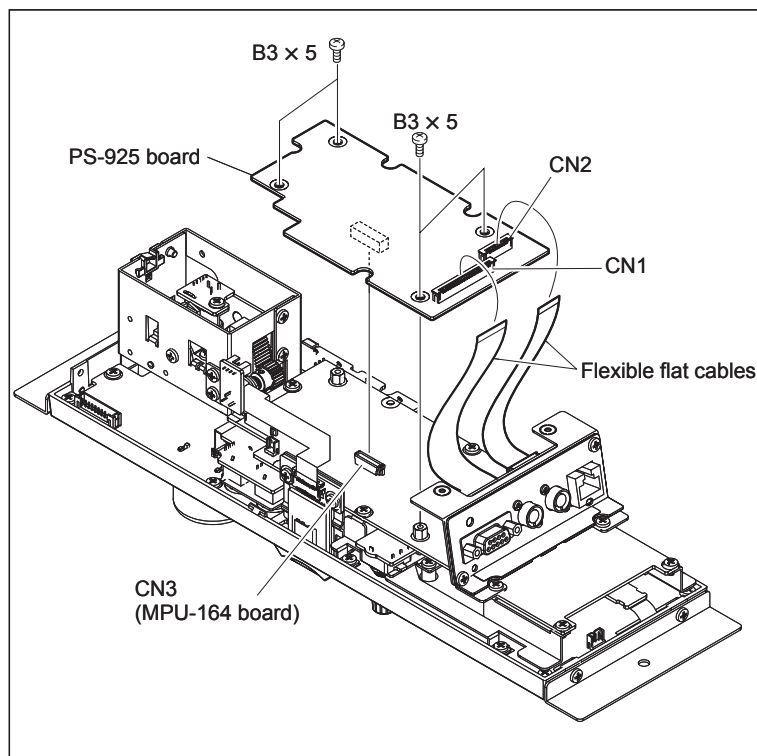
Installation

6. Install the CN-3241 board by reversing the steps of removal.

1-9-2. PS-925 Board

Removal

1. Remove the bottom chassis (2). (Refer to Section 1-8-1.)
2. Disconnect the two flexible flat cables from the connectors (CN1, CN2) on the PS-925 board.
3. Remove the four screws (B3 × 5), and disconnect the PS-925 board from the connector (CN3) on the MPU-164 board.



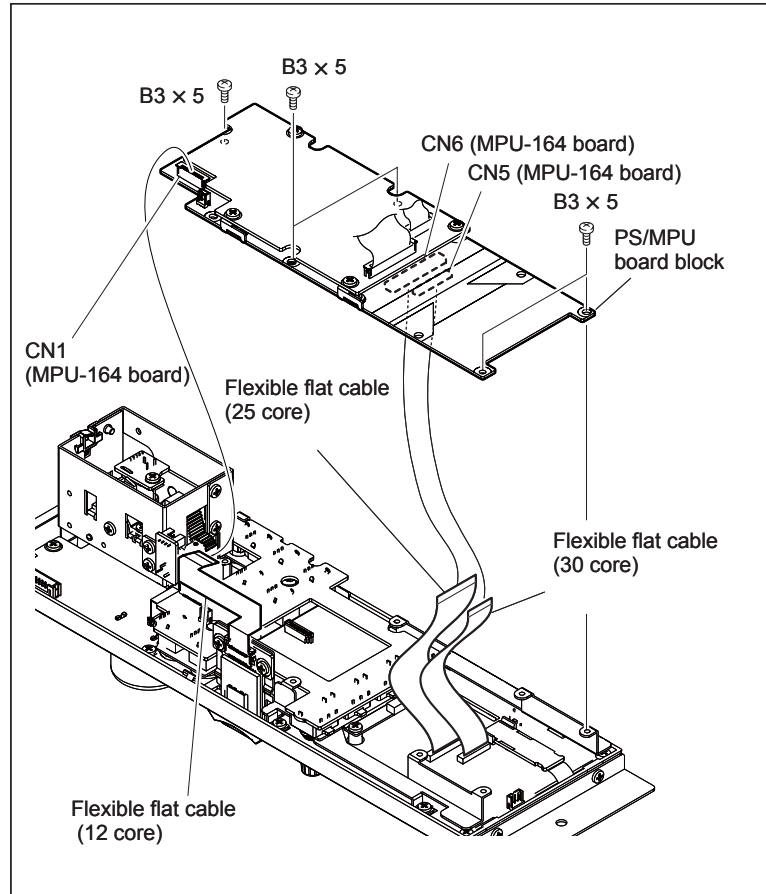
Installation

4. Install the PS-925 board by reversing the steps of removal.

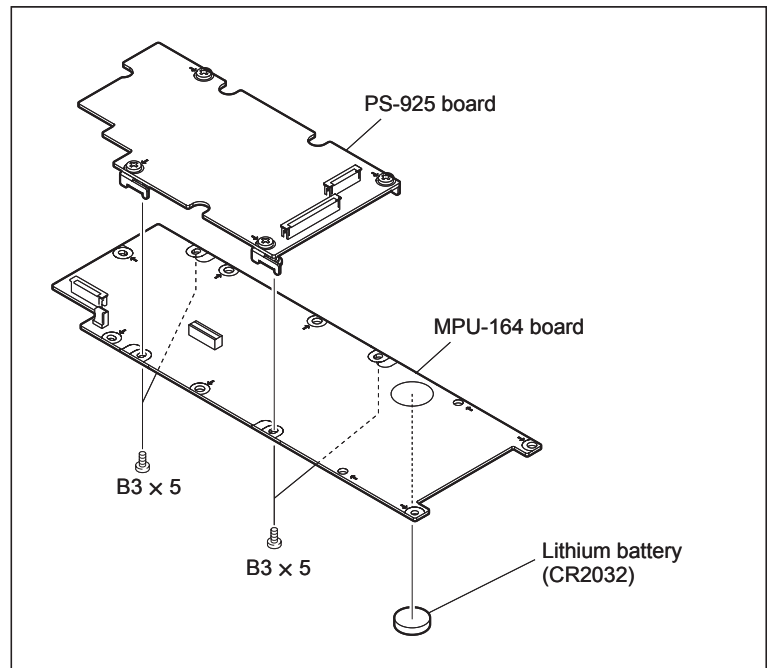
1-9-3. MPU-164 Board

Removal

1. Remove the bottom chassis (2). (Refer to Section 1-8-1.)
2. Remove the connector bracket. (Refer to Section 1-9-1.)
3. Disconnect the flexible flat cable from the connector (CN1) on the MPU-164 board.
4. Remove the five screws (B3 × 5), and raise the PS/MPU board block.
5. Disconnect the two flexible flat cables from the connectors (CN5, CN6) on the MPU-164 board, and remove the PS/MPU board block.



6. Remove the four screws (B3 × 5), and remove the MPU-164 board from the PS-925 board.
7. Remove the lithium battery (CR2032).



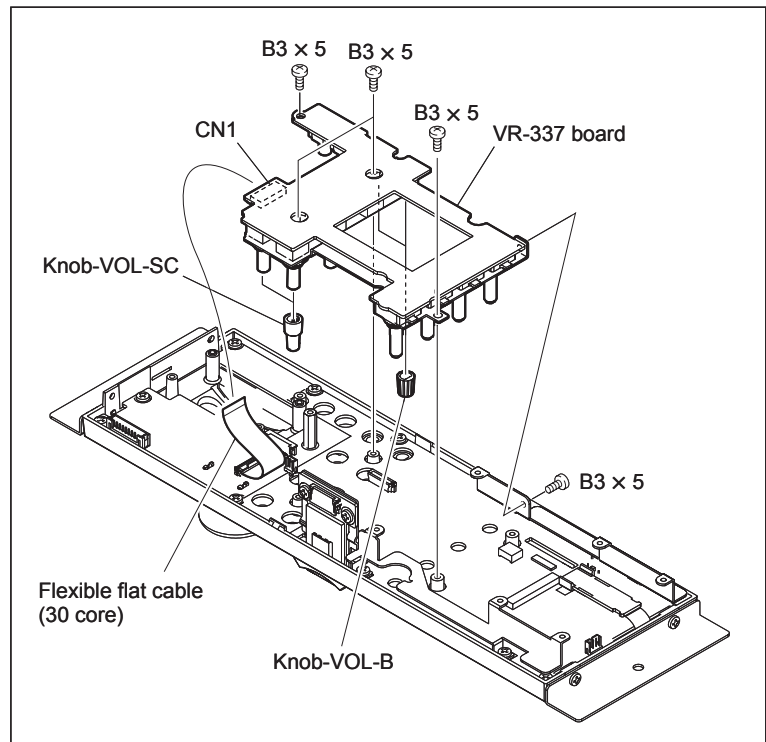
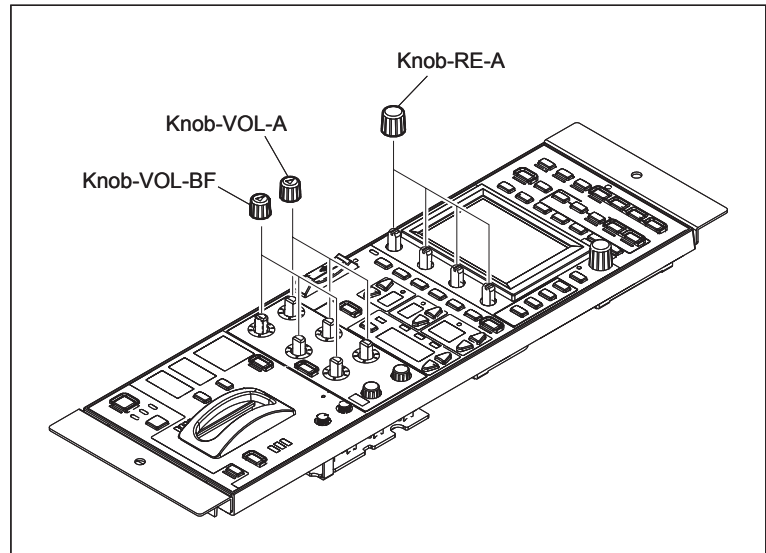
Installation

8. Install the MPU-164 board by reversing steps of removal.

1-9-4. VR-337 Board

Removal

1. Remove the bottom chassis (2). (Refer to Section 1-8-1.)
2. Remove the connector bracket. (Refer to Section 1-9-1.)
3. Remove the PS/MPU board block. (Refer to Section 1-9-3.)
4. Remove the three knob-VOL-BF.
5. Remove the three knob-VOL-A.
6. Remove the four knob-RE-A.
7. Remove the five screws (B3 × 5), and remove the VR-337 board.
8. Disconnect the flexible flat cable from the connector (CN1) on the VR-337 board.
9. Remove the two knob-VOL-B and two knob-VOL-SC from the VR-337 board.



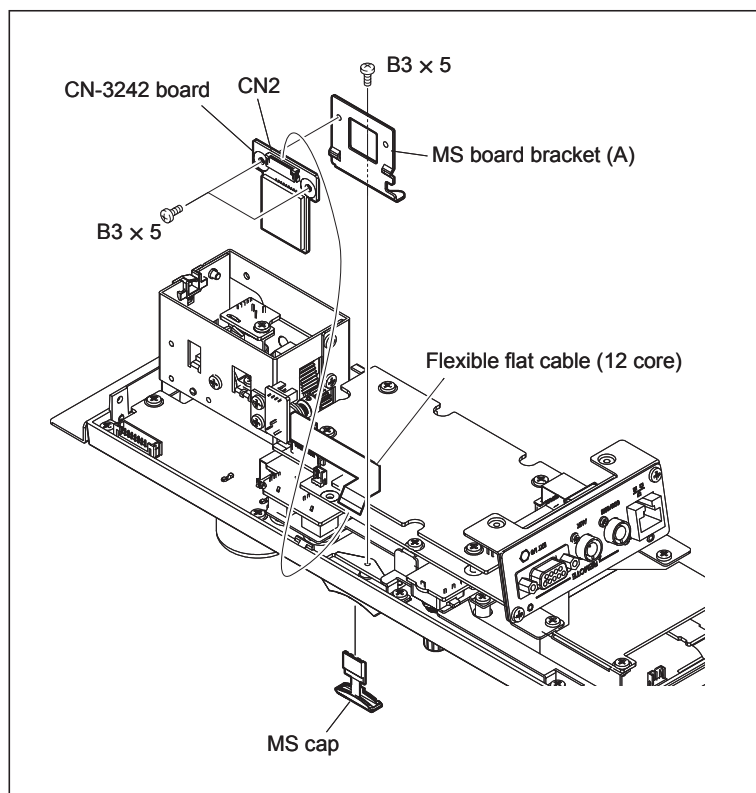
Installation

10. Install the VR-337 board by reversing the steps of removal.

1-9-5. CN-3242 Board

Removal

1. Remove the bottom chassis (2). (Refer to Section 1-8-1.)
2. Disconnect the flexible flat cable from the connector (CN2) on the CN-3242 board.
3. Remove the screw (B3 × 5), and remove the MS board bracket (A).
4. Remove the MS cap.
5. Remove the two screws (B3 × 5), and remove the CN-3242 board from the MS board bracket (A).



Installation

6. Install the CN-3242 board by reversing the steps of removal.

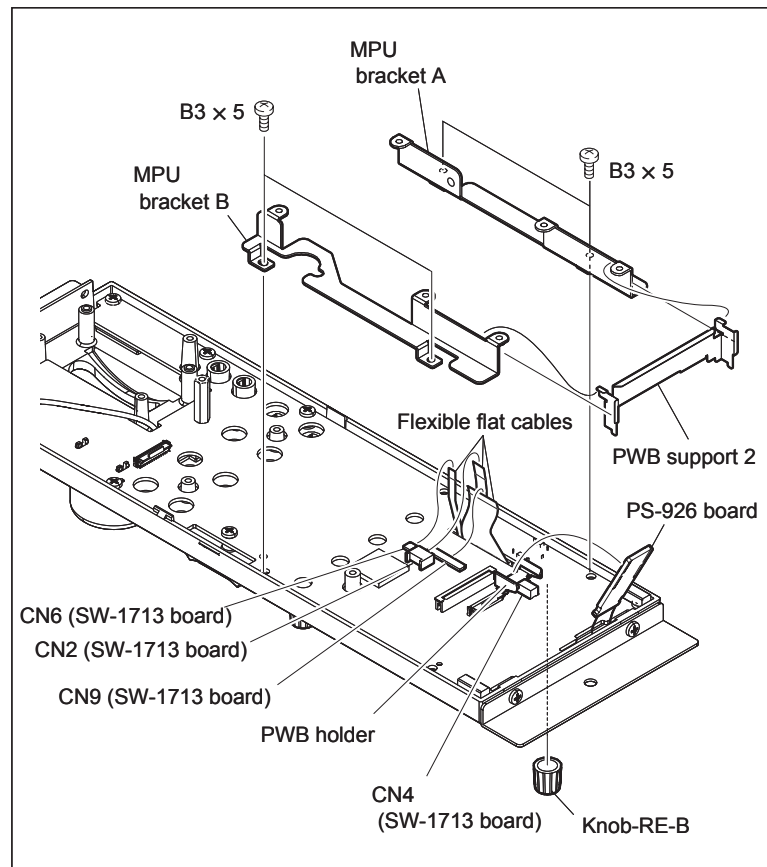
1-9-6. SW-1713 Board

Removal

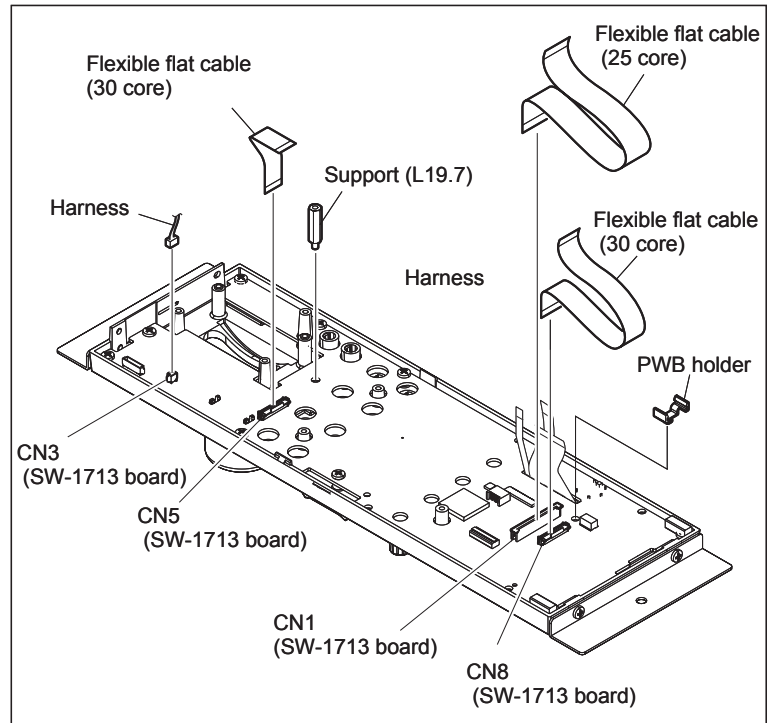
1. Remove the bottom chassis (2). (Refer to Section 1-8-1.)
2. Remove the J IRIS assembly. (Refer to Section 1-8-2.)
3. Remove the connector bracket. (Refer to Section 1-9-1)
4. Remove the PS/MPU board block. (Refer to Section 1-9-3.)
5. Remove the VR-337 board. (Refer to Section 1-9-4.)
6. Remove the CN-3242 board. (Refer to Section 1-9-5.)
7. Remove the knob-RE-B.
8. Remove the four screws (B3 × 5), and remove the MPU bracket-A, MPU bracket-B and PWB support 2.
9. Disconnect the PS-926 board from the connector (CN4) and PWB holder on the SW-1713 board.
10. Disconnect the two flexible flat cables from the connectors (CN2, CN6, CN9) on the SW-1713 board.

Note

Be very careful when disconnecting the small precision connectors (CN6, CN9).



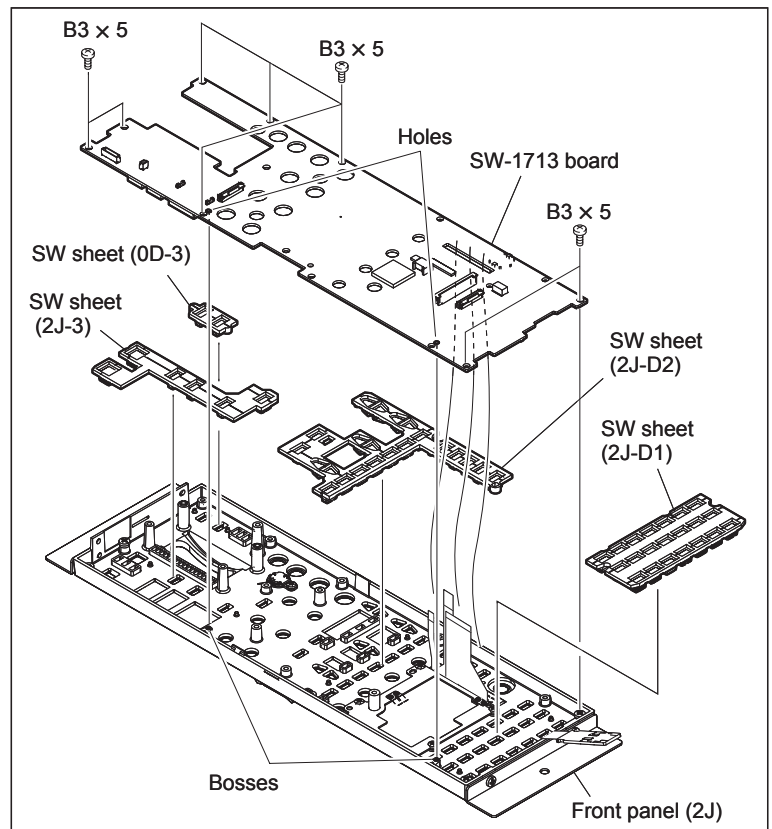
11. Disconnect the three flexible flat cables from the connectors (CN1, CN5, CN8) on the SW-1713 board.
12. Disconnect the two harnesses from the connectors (CN3, CN6) on the SW-1713 board.
13. Remove the support (L19.7).
14. Remove the PWB holder.



15. Remove the eight screws (B3 × 5), and remove the SW-1713 board.

Note

- After removing the SW-1713 board, be careful not to drop the unfixed parts (SW sheet (2J-D1), SW sheet (2J-D2), SW sheet (2J-3) and SW sheet (0D-3)).
- When attaching the SW-1713 board, align the two bosses with the two holes.



Installation

16. Install the SW-1713 board by reversing the steps of removal.

1-9-7. PS-926 Board

Removal/Installation

Remove and install the PS-926 board referring to Section 1-8-4.

1-10. Note on Replacing the Parts and Repairing

1-10-1. Note on Replacing the FRAM

When the FRAM (IC28, IC29) on the MPU-164 board or the MPU-164 board is replaced, initialize the FRAM using the following procedure.

1. Enter the service mode. (Refer to Section 1-6-1.)
2. Press the [PARA] button, [MASTER] button, and the SCENE FILE [1] button of the unit simultaneously to display the Diagnosis menu.

Diagnosis		Service Mode		Exit
Touch Panel Date /Time Memory Step LED Version Display /Sound RCP ID Set VR Adjusting Firmware Update Serial Number Soft Reset				

3. Press [Memory] on the screen to display the Memory menu.

Memory		Service Mode		Exit
33,554,432 byte				
RAM				
Initial-ize		FRAM 65,281 byte		
Go Test		EEP ROM 256 byte		
		* write protected		
VRAM 8,388,352 byte				

4. Press [Initialize] in the FRAM field to display the confirmation screen.

Memory		Service Mode		Exit
FRAM Initialize				
Start Cancel				

- 5. Press [Start] to perform initialization.
- [Exit] appears upon completion of the initialization.
- 6. Press [Exit] and check that “Test Result : OK” appears in the FRAM field.

Memory	Exit
RAM	33,554,432 byte
FRAM	65,281 byte Test Result : OK
EEP ROM	256 byte * write protected
VRAM	8,388,352 byte

Check the message.

- 7. When the unit is turned off and on, all settings are returned to the factory settings.

1-10-2. Note on Replacing the Backup Battery

WARNING

A backup battery is critical parts to safe operation. Replace this component with Sony parts whose part numbers appear in this manual published by Sony. If not, this may cause a fire or electric shock.
Be sure to use the specified component in this manual.

CAUTION

In replacing, ensure that battery is installed with “+” and “-” poles connected to the correct terminals.
An improper connection may cause an explosion or leakage of fluid.

A backup battery is mounted on the MPU-164 board. This battery backs up the date data saved. Set the date again when the battery is replaced during replacement of the MPU-164 board and consumption of a backup battery. (Refer to “Installation” in the Operating Instructions.)

Replaced parts: BT1 (MPU-164 board)
Parts name: CR-2032 (Lithium battery)
Parts number: △ 1-528-174-71
Recommended replacement period: Seven years

Notes

- It is recommended to replace a backup battery simultaneously when the MPU-164 board is replaced.
- It is necessary to set the date again once a battery is removed from the battery holder.

1-10-3. Circuit Protective Elements

This unit is provided with a positive coefficient thermistor (for power supply) as a circuit protective device.

If an over current flows in a positive coefficient thermistor or it heats up to a certain degree with the increase of the ambient temperature, its internal resistance increases sharply to limit the current flowing in the circuit.

When a thermistor is activated, turn off the power and check the circuit of the unit. After the cause of the problem is removed and the device cools down, turn on the power again.

The unit will work normally. It takes about one minute for the device to cool down after power-off.

Board	Ref. No. (Address)	Part No.
MPU-164	THP1 (F-1/A side)	△ 1-771-845-21

1-10-4. Optional Fixtures

Name	Sony Part No.	Remarks
EX-1136 board	A-1779-352-A	For extension of PS-925 board (Refer to Section 1-10-6.)
EX-1137 board	A-1779-353-A	
Flat cable (50 core) (0.5-mm pitch)	1-831-664-11	

1-10-5. 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.

1-10-6. Extending the PS-925 Board

Connections between MPU-164 board and PS-925 board can be extended.

Tools

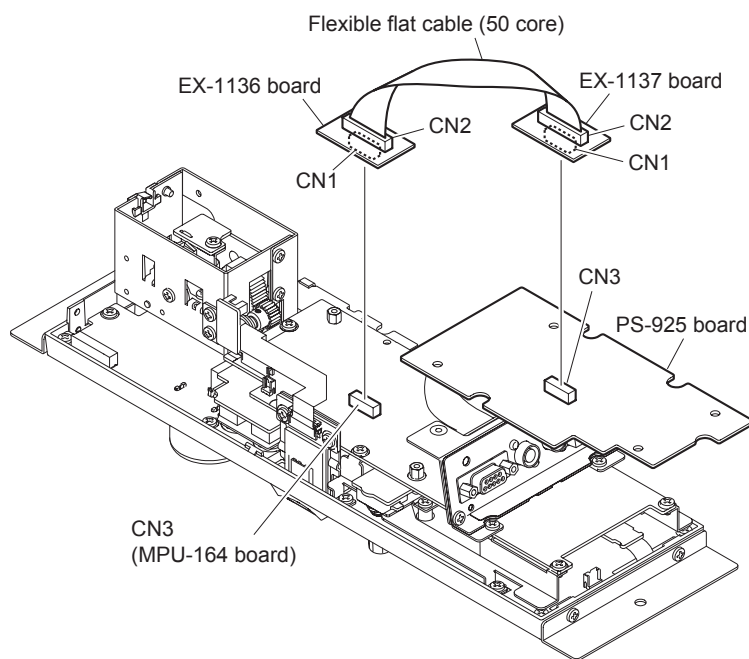
- EX-1136 board
- EX-1137 board
- Flexible flat cable (50 core) (0.5-mm pitch)

Connect the connector CN2 on the EX-1136 board to the connector CN2 on the EX-1137 board with this flexible flat cable for use for extension of boards.

1. Connect the connector CN1 on the EX-1136 board to the connector CN3 on the MPU-164 board.
2. Connect the connector CN1 on the EX-1137 board to the connector CN3 on the PS-925 board.

Notes

- Life of flexible card wire will be significantly shortened if it is folded. Be very careful not to fold the flexible card wire.
- Connect the connectors (CN3: MPU-164/PS-925) to connectors (CN1: EX-1136/EX-1137) so that pin 1 of CN3 is fitted with pin 1 of CN1. Be very careful of the connector orientation because these connectors are connectable even if either connector is turned 180 degrees.



1-11. Recommended Replacement Parts

Parts listed below are recommended replacement parts. Replace them according to necessary.

Description	Sony P/N	Remarks
MS-CAP	4-169-755-12	rubber ^{*1}
EL SHEET ASSY (2J) S	A-1783-024-A	
BATTERY, LITHIUM CR-2032	⚠ 1-528-174-71	every 7 years ^{*2}

*1: Check deformation and deterioration from time to time. Replace it as necessary.

*2: For details, refer to Section 1-10-2.

1-12. Circuit Description

MPU-164 board

The MPU-164 board has the main CPU and performs communication and graphic control.

The main CPU (IC9) operates on the 1/2 divided clock of the 33 MHz oscillating frequency of the oscillator (X1).

The flash ROM (IC14, IC15) stores the execution program. After the main CPU starts up, the program in the flash ROM is transferred to the SDRAM (IC035, IC036), and then the program is executed in the SDRAM.

The FRAM (nonvolatile memory) (IC28, IC29) stores setting data and other data of the unit.

The FPGA (IC201) generates an address decoder and timing pulses and also converts LCD data for transmission.

IC209 creates graphic data to be displayed on the 3.0-inch LCD and transfers it to the FPGA.

IC212 is the graphic memory device of IC209 (graphic IC).

IC401 (parallel I/O IC) controls the D-sub 9-pin interface.

IC501 (700 protocol communication IC) performs communication while the CCA cable is connected.

IC503 (Ethernet communication IC) operates while the Ethernet cable is connected, and enters the sleep mode while communication is idle.

SW-1713 board

The sub CPU (IC1) performs serial communication with the main CPU on the MPU board and transfers the information of switches, rotary encoders, and potentiometers to the main CPU. The sub CPU also receives display data from the main CPU and displays the data on the switch LEDs and 7-segment LEDs. The FPGA (IC5) performs rotary encoder input processing and receives LCD data from the MPU board for scaling to the VGA.

IC106 (sound source IC) drives the speaker and outputs call sound and switch click sound.

IC107 measures the brightness at the unit installation location and transfers the DC-level information to the sub CPU.

IC108 controls the touch panel on the LCD. When a location on the touch panel is pressed, the address and the sense pressure at the location are measured and are transferred to the sub CPU through the FPGA.

IC111 is the LED backlight driver IC of the 3.0-inch LCD.

IC201 to IC208 and IC301 to IC306 receive information to light switch LEDs and panel LEDs from the sub CPU and light them, and also control the brightness of the LEDs with the PWM pulse width that is input to each IC.

IC401 and IC402 control the 7-segment LEDs.

The sub CPU updates the data for each LED at constant intervals and lights the LEDs.

The switch ON/OFF information is acquired by the sub CPU by line scanning, and is transferred to the main CPU after chattering processing.

PS-926 board

IC1 measures the brightness of the EL sheet and transfers the DC-level information to the sub CPU.

IC2 (EL sheet drive IC) outputs AC power to light the EL sheet.

PS-925 board

IC1 is a switching regulator IC compatible with PoE (Power over Ethernet), which is disabled when a power voltage other than PoE is input.

IC4 to IC6 switch input voltage to on using FETs.

Regulator ICs

Ref. No.	Input voltage	Output voltage	Type
IC8	+10.5 to +30 V	+5 V	Switching regulator
IC9	+10.5 to +30 V	+7 V	Switching regulator
IC10	+7 V	+5 V	Switching regulator
IC101	+5 V	+3.3 V	Line regulator
IC102	+5 V	+3.3 V	Line regulator
IC103	+5 V	+3.3 V	Switching regulator
IC104	+5 V	+1.5 V	Switching regulator
IC105	+5 V	+1.25 V	Switching regulator

Section 2

Spare Parts

2-1. 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.

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.

2-1. 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。

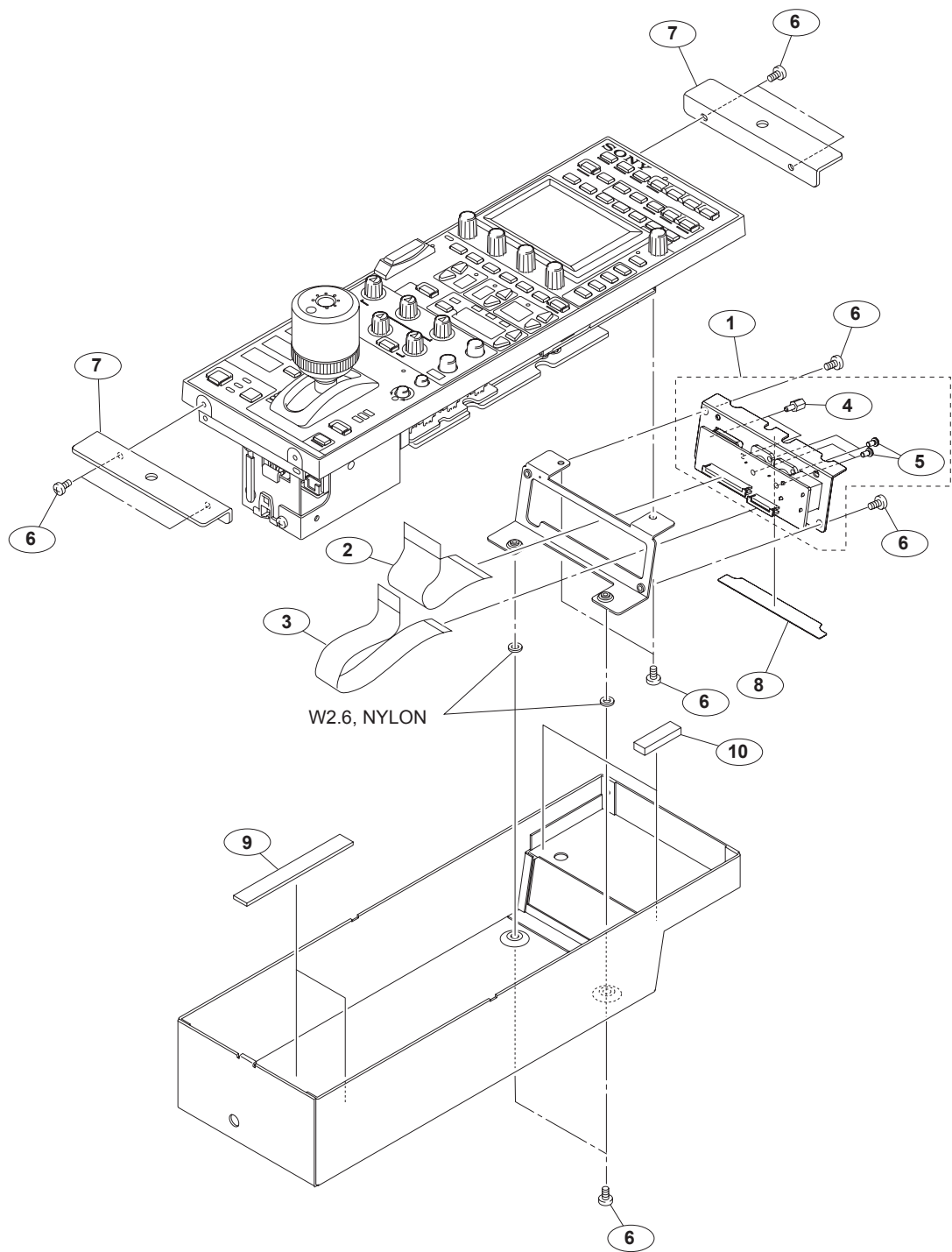
3. 部品の在庫

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

部品番号の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。

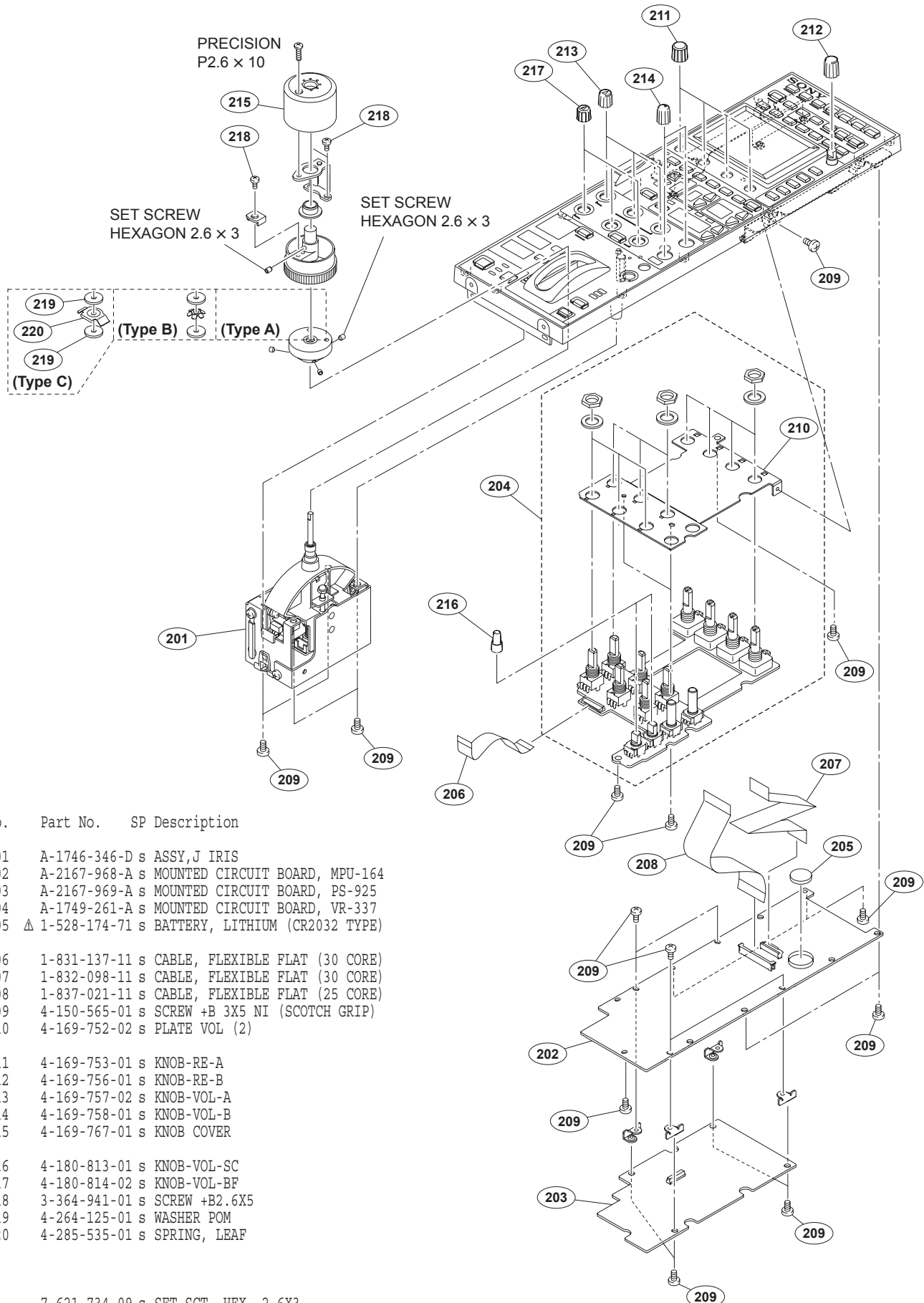
2-2. Exploded Views



No.	Part No.	SP Description
1	A-1748-503-A	s MOUNTED CIRCUIT BOARD, CN-3241
2	1-831-009-11	s CABLE, FLEXIBLE FLAT (25 CORE)
3	1-835-364-11	s CABLE, FLEXIBLE FLAT (12 CORE)
4	3-673-910-00	s SCREW, CONNECTOR
5	3-637-901-02	s SCREW M2.6X5

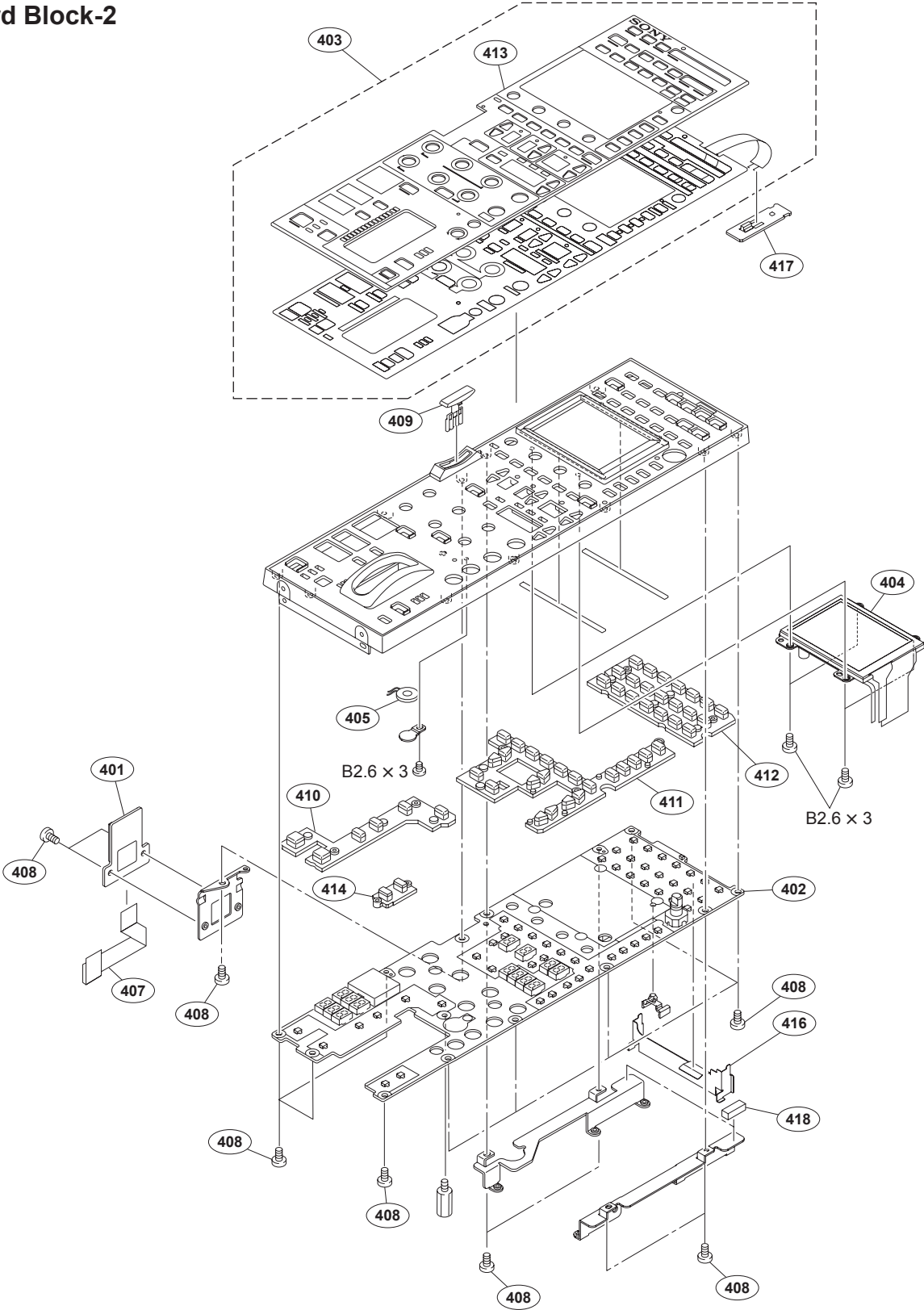
No.	Part No.	SP Description
6	4-150-565-01	s SCREW +B 3X5 NI (SCOTCH GRIP)
7	4-169-740-01	s RACK BRACKET (2)
8	4-186-383-01	s PC SHEET
9	3-991-899-02	s GASKET (OC)
10	4-549-568-01	s GASKET (T3X5X15)

7-623-923-11 s WASHER 2.6, NYLON



No.	Part No.	SP Description
201	A-1746-346-D	s ASSY,J IRIS
202	A-2167-968-A	s MOUNTED CIRCUIT BOARD, MPU-164
203	A-2167-969-A	s MOUNTED CIRCUIT BOARD, PS-925
204	A-1749-261-A	s MOUNTED CIRCUIT BOARD, VR-337
205	Δ 1-528-174-71	s BATTERY, LITHIUM (CR2032 TYPE)
206	1-831-137-11	s CABLE, FLEXIBLE FLAT (30 CORE)
207	1-832-098-11	s CABLE, FLEXIBLE FLAT (30 CORE)
208	1-837-021-11	s CABLE, FLEXIBLE FLAT (25 CORE)
209	4-150-565-01	s SCREW +B 3X5 NI (SCOTCH GRIP)
210	4-169-752-02	s PLATE VOL (2)
211	4-169-753-01	s KNOB-RE-A
212	4-169-756-01	s KNOB-RE-B
213	4-169-757-02	s KNOB-VOL-A
214	4-169-758-01	s KNOB-VOL-B
215	4-169-767-01	s KNOB COVER
216	4-180-813-01	s KNOB-VOL-SC
217	4-180-814-02	s KNOB-VOL-BF
218	3-364-941-01	s SCREW +B2.6X5
219	4-264-125-01	s WASHER POM
220	4-285-535-01	s SPRING, LEAF
	7-621-734-09	s SET-SCT, HEX. 2.6X3
	7-627-557-48	s SCREW, PRECISION +P2.6X10 TYPE1

Board Block-2



No.	Part No.	SP Description
401	A-1748-487-A s	MOUNTED CIRCUIT BOARD, CN-3242
402	A-2167-970-A s	MOUNTED CIRCUIT BOARD, SW-1713
403	A-1783-024-A s	EL SHEET ASSY (2J) S
404	A-2170-075-A s	3 INCH LCD MODULE ASSY (2-2)
405	A-1770-951-A s	SPEAKER (SHORT) ASSY
407	1-835-364-11 s	CABLE, FLEXIBLE FLAT (12 CORE)
408	4-150-565-01 s	SCREW +B 3X5 NI (SCOTCH GRIP)
409	4-169-755-13 s	MS-CAP
410	4-169-760-02 s	SW-SHEET (2J-3)
411	4-169-761-02 s	SW-SHEET (2JD-2)

No.	Part No.	SP Description
412	4-169-762-02 s	SW-SHEET (2JD-1)
413	4-169-765-05 s	FRONT PANEL SHEET (2J)
414	4-169-769-02 s	SW-SHEET (0D-3)
416	4-185-343-01 s	PWB SUPPORT 2
417	A-2167-971-A s	MOUNTED CIRCUIT BOARD, PS-926
418	4-129-036-02 s	FOAM (HF), SHIELD
	7-621-775-08 s	SCREW +B 2.6X3

2-3. Electrical Parts List

----- CN-3241 BOARD -----

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1748-503-A	s MOUNTED CIRCUIT BOARD, CN-3241
4pcs	3-637-901-02	s SCREW M2.6X5
2pcs	3-673-910-02	s SCREW, CONNECTOR
CN1	1-766-696-11	o CONNECTOR, ROUND TYPE 8P
CN2	1-766-696-11	o CONNECTOR, ROUND TYPE 8P
CN3	1-568-676-11	o CONNECTOR, D-SUB 9P
CN4	1-819-681-11	s JACK, MODULAR
CN5	1-785-207-51	s HOUSING, CONNECTOR 25P
CN6	1-770-297-51	s HOUSING, CONNECTOR 12P

----- CN-3242 BOARD -----

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1748-487-A	s MOUNTED CIRCUIT BOARD, CN-3242
CN1	1-819-611-22	s MEMORY STICK DUO CONNECTOR 10P
CN2	1-766-767-51	s CONNECTOR, FPC 12P

----- MPU-164 BOARD -----

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-2167-968-A	s MPU-164 COMPL
BT1	1-756-076-21	s HOLDER, LITHIUM BATTERY
C1	1-116-737-11	s CAP, CERAMIC 1MF X5R 1005
C2	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C3	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C4	1-112-692-81	s CAP,CHIP CERAMIC1000PF CH 1005
C5	1-112-692-81	s CAP,CHIP CERAMIC1000PF CH 1005
C6	1-116-737-11	s CAP, CERAMIC 1MF X5R 1005
C7	1-116-737-11	s CAP, CERAMIC 1MF X5R 1005
C8	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C9	1-116-737-11	s CAP, CERAMIC 1MF X5R 1005
C10	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C11	1-116-737-11	s CAP, CERAMIC 1MF X5R 1005
C12	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C13	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C14	1-116-720-11	o CAP, CERAMIC 10MF X5R 1608
C15	1-116-720-11	o CAP, CERAMIC 10MF X5R 1608
C16	1-116-720-11	o CAP, CERAMIC 10MF X5R 1608
C17	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C18	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C19	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C20	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C21	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C22	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C23	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C24	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C25	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C26	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C27	1-116-720-11	o CAP, CERAMIC 10MF X5R 1608
C28	1-116-720-11	o CAP, CERAMIC 10MF X5R 1608
C29	1-116-720-11	o CAP, CERAMIC 10MF X5R 1608
C30	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C31	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C32	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C33	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C34	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C35	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C36	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C37	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C38	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C39	1-116-737-11	s CAP, CERAMIC 1MF X5R 1005
C40	1-116-737-11	s CAP, CERAMIC 1MF X5R 1005
C41	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C42	1-116-737-11	s CAP, CERAMIC 1MF X5R 1005
C43	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C44	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C45	1-116-737-11	s CAP, CERAMIC 1MF X5R 1005
C53	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C54	1-116-737-11	s CAP, CERAMIC 1MF X5R 1005
C55	1-116-720-11	o CAP, CERAMIC 10MF X5R 1608
C56	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C57	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C58	1-116-720-11	o CAP, CERAMIC 10MF X5R 1608
C59	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C60	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C61	1-118-039-11	s CAP, CERAMIC 1MF X5R (1608)
C62	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)

(MPU-164 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C519	1-116-704-11	s	CAP, CERAMIC 100MF X5R 3216
C520	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C521	1-118-391-11	s	CAP, CERAMIC 0.01MF X7R 1005
C522	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C523	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C524	1-116-720-11	o	CAP, CERAMIC 10MF X5R 1608
C525	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C526	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C527	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C528	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C529	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C530	1-116-720-11	o	CAP, CERAMIC 10MF X5R 1608
C531	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C532	1-116-720-11	o	CAP, CERAMIC 10MF X5R 1608
C533	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C534	1-116-720-11	o	CAP, CERAMIC 10MF X5R 1608
C535	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C536	1-116-720-11	o	CAP, CERAMIC 10MF X5R 1608
C537	1-116-720-11	o	CAP, CERAMIC 10MF X5R 1608
C538	1-118-391-11	s	CAP, CERAMIC 0.01MF X7R 1005
C551	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C552	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C553	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C554	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C555	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C556	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C557	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C558	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C559	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C601	1-116-737-11	s	CAP, CERAMIC 1MF X5R 1005
C602	1-116-717-11	s	CAP, CERAMIC 10MF X5R 2012
C603	1-116-717-11	s	CAP, CERAMIC 10MF X5R 2012
CN1	1-770-297-51	s	HOUSING, CONNECTOR 12P
CN2	1-764-093-21	o	PIN, CONNECTOR (PC BOARD) 8P
CN5	1-778-650-31	s	CONNECTOR, FFC/FPC (ZIF) ST 30P
CN6	1-785-207-51	s	HOUSING, CONNECTOR 25P
CN101	1-778-651-31	s	CONNECTOR, FFC/FPC (ZIF) ST 40P
CN103	1-784-650-21	s	CONNECTOR 2P
D1	6-503-606-01	s	DI UDZVTE-172.2B
D2	6-503-573-01	o	DI 1SS400SMGJT2R
D3	6-503-579-01	s	DI RB521SM-30GJT2R
D4	8-719-991-01	s	DIODE DAP222-TL
D401	8-719-991-01	s	DIODE DAP222-TL
D402	8-719-991-01	s	DIODE DAP222-TL
D403	8-719-991-01	s	DIODE DAP222-TL
D404	6-502-197-01	s	DI SML-D12M8WT86SM
D405	6-502-197-01	s	DI SML-D12M8WT86SM
D501	6-502-197-01	s	DI SML-D12M8WT86SM
D502	6-502-197-01	s	DI SML-D12M8WT86SM
E1	1-535-877-22	s	CHIP, CHECKER
E501	1-535-877-22	s	CHIP, CHECKER
FB001	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB002	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB003	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB004	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB005	1-400-462-21	s	FERRITE, EMI (SMD) (1005)

(MPU-164 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
FB006	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB007	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB008	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB009	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB010	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB011	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB012	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB013	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB201	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB202	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB203	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB301	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB302	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB303	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB304	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB401	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB402	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB403	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB502	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB503	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB504	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB505	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB506	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB507	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB601	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB602	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB603	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB604	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB605	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB701	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB702	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB703	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
FB704	1-400-462-21	s	FERRITE, EMI (SMD) (1005)
IC1	6-703-461-11	s	IC CY2309ZXC-1HT
IC2	6-722-217-01	s	IC 74LCX74FT
IC3	6-706-487-01	s	IC TC7SH08FU
IC4	6-722-619-01	s	IC TC7WZ04FK,RSNJ (CT
IC5	6-722-217-01	s	IC 74LCX74FT
IC6	6-706-487-01	s	IC TC7SH08FU
IC7	8-759-648-04	s	IC RTC-4574JE
IC8	6-706-487-01	s	IC TC7SH08FU
IC10	6-706-488-01	s	IC TC7SH14FU
IC11	6-721-239-01	s	IC M24C02-RMN6TP
IC12	6-721-239-01	s	IC M24C02-RMN6TP
IC13	6-706-487-01	s	IC TC7SH08FU
IC16	8-759-669-68	s	IC SN74CBT3253PWR-12
IC17	6-715-036-01	s	IC TC7SZ04FU,RSNYJ
IC19	6-715-036-01	s	IC TC7SZ04FU,RSNYJ
IC20	6-706-483-01	s	IC TC7SH02FU
IC21	6-722-207-01	s	IC 74LCX244FT
IC22	6-706-484-01	s	IC TC7SH04FU
IC23	6-706-484-01	s	IC TC7SH04FU
IC24	6-706-488-01	s	IC TC7SH14FU
IC25	6-722-207-01	s	IC 74LCX244FT
IC26	6-722-207-01	s	IC 74LCX244FT
IC27	6-722-207-01	s	IC 74LCX244FT
IC28	6-717-192-01	s	IC MB85R256GPFCN
IC29	6-717-192-01	s	IC MB85R256GPFCN

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Ref. No. or Q'ty	Part No.	SP Description
IC30	8-759-584-32	s IC MB86189PMC-G-BND-ER-E1
IC31	6-702-879-01	s IC R3112N281A-TR-FE
IC32	6-702-879-01	s IC R3112N281A-TR-FE
IC34	6-722-610-01	s IC TC7WH14FK,RSNJ(CT
IC035	6-717-050-01	s IC W9825G6JH-6-ER10
IC036	6-717-050-01	s IC W9825G6JH-6-ER10
IC207	6-722-208-01	s IC 74LCX245FT
IC208	6-722-208-01	s IC 74LCX245FT
IC209	6-710-509-01	s IC YGV628B-VZ
IC210	6-722-208-01	s IC 74LCX245FT
IC211	6-722-208-01	s IC 74LCX245FT
IC212	6-722-585-01	s IC MT48LC8M16A2P-6A:L
IC213	6-722-625-01	s IC TC7W232FK,RSNJ(CT
IC214	6-715-036-01	s IC TC7SZ04FU,RSONYJ
IC215	6-706-489-01	s IC TC7SH32FU
IC216	6-706-482-01	s IC TC7SH00FU
IC217	6-722-226-01	s IC 74VHC08FT
IC401	6-722-890-01	s IC BU7122KV-E2
IC402	8-759-248-78	s IC MB88102PFV-G-BND-ER
IC504	6-715-036-01	s IC TC7SZ04FU,RSONYJ
IC505	8-759-092-83	s IC SN75158PSR
IC506	6-715-036-01	s IC TC7SZ04FU,RSONYJ
JC402	1-218-990-81	s CONDUCTOR, CHIP (1005)
L506	1-460-653-21	s COIL, COMMON MODE CHOKE
L507	1-460-653-21	s COIL, COMMON MODE CHOKE
PH501	8-749-014-35	s IC HCPL-0630-500
PH502	8-749-014-35	s IC HCPL-0630-500
Q1	8-729-928-05	s TRANSISTOR 2SC4617TL-QR
Q2	8-729-928-25	s TRANSISTOR 2SA1774TL-QR
Q4	8-729-209-73	s TRANSISTOR 2SA1213Y-TE12L
Q5	8-729-928-05	s TRANSISTOR 2SC4617TL-QR
Q401	6-552-910-01	s TR DTC023JEBTL
Q402	6-552-910-01	s TR DTC023JEBTL
Q403	6-552-910-01	s TR DTC023JEBTL
Q404	6-552-897-01	s TR DTA023JEBTL
Q405	6-552-897-01	s TR DTA023JEBTL
Q501	6-552-897-01	s TR DTA023JEBTL
Q502	6-552-897-01	s TR DTA023JEBTL
R1	1-218-990-81	s CONDUCTOR, CHIP (1005)
R2	1-218-990-81	s CONDUCTOR, CHIP (1005)
R3	1-218-990-81	s CONDUCTOR, CHIP (1005)
R4	1-218-990-81	s CONDUCTOR, CHIP (1005)
R5	1-218-990-81	s CONDUCTOR, CHIP (1005)
R6	1-218-990-81	s CONDUCTOR, CHIP (1005)
R7	1-218-990-81	s CONDUCTOR, CHIP (1005)
R8	1-218-990-81	s CONDUCTOR, CHIP (1005)
R9	1-218-990-81	s CONDUCTOR, CHIP (1005)
R10	1-218-990-81	s CONDUCTOR, CHIP (1005)
R11	1-218-990-81	s CONDUCTOR, CHIP (1005)
R12	1-218-990-81	s CONDUCTOR, CHIP (1005)
R13	1-220-878-81	s RES, CHIP 22 (1005)
R14	1-220-878-81	s RES, CHIP 22 (1005)
R15	1-208-887-81	s RES, CHIP 1.0K (1005)
R16	1-208-855-81	s RES, CHIP 47 (1005)
R17	1-208-855-81	s RES, CHIP 47 (1005)
R18	1-208-855-81	s RES, CHIP 47 (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R19	1-208-855-81	s RES, CHIP 47 (1005)
R20	1-208-855-81	s RES, CHIP 47 (1005)
R21	1-220-870-81	s RES, CHIP 10 (1005)
R22	1-208-895-81	s RES, CHIP 2.2K (1005)
R23	1-208-887-81	s RES, CHIP 1.0K (1005)
R24	1-208-895-81	s RES, CHIP 2.2K (1005)
R25	1-208-935-81	s RES, CHIP 100K (1005)
R27	1-208-927-81	s RES, CHIP 47K (1005)
R28	1-208-911-81	s RES, CHIP 10K (1005)
R29	1-208-903-81	s RES, CHIP 4.7K (1005)
R30	1-208-911-81	s RES, CHIP 10K (1005)
R31	1-208-887-81	s RES, CHIP 1.0K (1005)
R32	1-208-887-81	s RES, CHIP 1.0K (1005)
R33	1-220-870-81	s RES, CHIP 10 (1005)
R34	1-208-911-81	s RES, CHIP 10K (1005)
R35	1-208-911-81	s RES, CHIP 10K (1005)
R36	1-208-863-81	s RES, CHIP 100 (1005)
R37	1-208-863-81	s RES, CHIP 100 (1005)
R38	1-208-863-81	s RES, CHIP 100 (1005)
R39	1-208-863-81	s RES, CHIP 100 (1005)
R40	1-208-911-81	s RES, CHIP 10K (1005)
R41	1-208-855-81	s RES, CHIP 47 (1005)
R42	1-208-911-81	s RES, CHIP 10K (1005)
R43	1-208-855-81	s RES, CHIP 47 (1005)
R44	1-208-911-81	s RES, CHIP 10K (1005)
R45	1-220-870-81	s RES, CHIP 10 (1005)
R46	1-220-870-81	s RES, CHIP 10 (1005)
R47	1-220-870-81	s RES, CHIP 10 (1005)
R48	1-220-878-81	s RES, CHIP 22 (1005)
R49	1-220-878-81	s RES, CHIP 22 (1005)
R50	1-208-935-81	s RES, CHIP 100K (1005)
R51	1-208-935-81	s RES, CHIP 100K (1005)
R52	1-208-935-81	s RES, CHIP 100K (1005)
R53	1-208-935-81	s RES, CHIP 100K (1005)
R54	1-208-935-81	s RES, CHIP 100K (1005)
R55	1-208-935-81	s RES, CHIP 100K (1005)
R56	1-208-863-81	s RES, CHIP 100 (1005)
R57	1-208-911-81	s RES, CHIP 10K (1005)
R58	1-208-911-81	s RES, CHIP 10K (1005)
R59	1-208-863-81	s RES, CHIP 100 (1005)
R60	1-208-863-81	s RES, CHIP 100 (1005)
R61	1-208-863-81	s RES, CHIP 100 (1005)
R62	1-208-863-81	s RES, CHIP 100 (1005)
R63	1-208-935-81	s RES, CHIP 100K (1005)
R64	1-208-911-81	s RES, CHIP 10K (1005)
R66	1-218-990-81	s CONDUCTOR, CHIP (1005)
R67	1-218-990-81	s CONDUCTOR, CHIP (1005)
R68	1-218-990-81	s CONDUCTOR, CHIP (1005)
R69	1-208-935-81	s RES, CHIP 100K (1005)
R70	1-208-911-81	s RES, CHIP 10K (1005)
R71	1-208-911-81	s RES, CHIP 10K (1005)
R72	1-208-903-81	s RES, CHIP 4.7K (1005)
R73	1-218-990-81	s CONDUCTOR, CHIP (1005)
R74	1-208-911-81	s RES, CHIP 10K (1005)
R75	1-208-911-81	s RES, CHIP 10K (1005)
R76	1-220-878-81	s RES, CHIP 22 (1005)
R77	1-220-878-81	s RES, CHIP 22 (1005)
R78	1-220-878-81	s RES, CHIP 22 (1005)
R79	1-220-878-81	s RES, CHIP 22 (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R80	1-220-878-81	s RES, CHIP 22 (1005)
R81	1-220-878-81	s RES, CHIP 22 (1005)
R82	1-220-878-81	s RES, CHIP 22 (1005)
R83	1-220-878-81	s RES, CHIP 22 (1005)
R84	1-220-878-81	s RES, CHIP 22 (1005)
R85	1-220-878-81	s RES, CHIP 22 (1005)
R86	1-220-878-81	s RES, CHIP 22 (1005)
R87	1-220-878-81	s RES, CHIP 22 (1005)
R88	1-220-878-81	s RES, CHIP 22 (1005)
R89	1-220-878-81	s RES, CHIP 22 (1005)
R90	1-220-878-81	s RES, CHIP 22 (1005)
R91	1-220-878-81	s RES, CHIP 22 (1005)
R92	1-220-878-81	s RES, CHIP 22 (1005)
R93	1-220-878-81	s RES, CHIP 22 (1005)
R94	1-220-878-81	s RES, CHIP 22 (1005)
R95	1-220-878-81	s RES, CHIP 22 (1005)
R96	1-220-878-81	s RES, CHIP 22 (1005)
R97	1-220-878-81	s RES, CHIP 22 (1005)
R98	1-220-878-81	s RES, CHIP 22 (1005)
R99	1-218-990-81	s CONDUCTOR, CHIP (1005)
R100	1-208-903-81	s RES, CHIP 4.7K (1005)
R101	1-208-935-81	s RES, CHIP 100K (1005)
R102	1-208-911-81	s RES, CHIP 10K (1005)
R103	1-208-935-81	s RES, CHIP 100K (1005)
R104	1-208-911-81	s RES, CHIP 10K (1005)
R105	1-208-935-81	s RES, CHIP 100K (1005)
R106	1-208-903-81	s RES, CHIP 4.7K (1005)
R107	1-208-863-81	s RES, CHIP 100 (1005)
R108	1-208-863-81	s RES, CHIP 100 (1005)
R109	1-208-863-81	s RES, CHIP 100 (1005)
R110	1-208-863-81	s RES, CHIP 100 (1005)
R111	1-208-863-81	s RES, CHIP 100 (1005)
R112	1-208-935-81	s RES, CHIP 100K (1005)
R113	1-208-935-81	s RES, CHIP 100K (1005)
R114	1-208-935-81	s RES, CHIP 100K (1005)
R115	1-218-990-81	s CONDUCTOR, CHIP (1005)
R116	1-208-911-81	s RES, CHIP 10K (1005)
R117	1-208-935-81	s RES, CHIP 100K (1005)
R118	1-208-919-81	s RES, CHIP 22K (1005)
R119	1-208-927-81	s RES, CHIP 47K (1005)
R120	1-208-927-81	s RES, CHIP 47K (1005)
R121	1-208-899-81	s RES, CHIP 3.3K (1005)
R122	1-218-990-81	s CONDUCTOR, CHIP (1005)
R123	1-218-990-81	s CONDUCTOR, CHIP (1005)
R124	1-218-990-81	s CONDUCTOR, CHIP (1005)
R125	1-208-911-81	s RES, CHIP 10K (1005)
R126	1-208-899-81	s RES, CHIP 3.3K (1005)
R127	1-208-887-81	s RES, CHIP 1.0K (1005)
R128	1-208-875-81	s RES, CHIP 330 (1005)
R129	1-208-911-81	s RES, CHIP 10K (1005)
R130	1-220-870-81	s RES, CHIP 10 (1005)
R131	1-208-903-81	s RES, CHIP 4.7K (1005)
R132	1-218-990-81	s CONDUCTOR, CHIP (1005)
R133	1-208-863-81	s RES, CHIP 100 (1005)
R201	1-208-911-81	s RES, CHIP 10K (1005)
R202	1-208-911-81	s RES, CHIP 10K (1005)
R203	1-208-911-81	s RES, CHIP 10K (1005)
R204	1-208-911-81	s RES, CHIP 10K (1005)
R205	1-208-911-81	s RES, CHIP 10K (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R206	1-208-911-81	s RES, CHIP 10K (1005)
R207	1-208-911-81	s RES, CHIP 10K (1005)
R208	1-208-935-81	s RES, CHIP 100K (1005)
R209	1-220-878-81	s RES, CHIP 22 (1005)
R210	1-220-878-81	s RES, CHIP 22 (1005)
R211	1-220-878-81	s RES, CHIP 22 (1005)
R212	1-220-878-81	s RES, CHIP 22 (1005)
R213	1-220-878-81	s RES, CHIP 22 (1005)
R214	1-220-878-81	s RES, CHIP 22 (1005)
R215	1-220-878-81	s RES, CHIP 22 (1005)
R216	1-220-878-81	s RES, CHIP 22 (1005)
R217	1-220-878-81	s RES, CHIP 22 (1005)
R218	1-220-878-81	s RES, CHIP 22 (1005)
R219	1-220-878-81	s RES, CHIP 22 (1005)
R220	1-220-878-81	s RES, CHIP 22 (1005)
R221	1-220-878-81	s RES, CHIP 22 (1005)
R222	1-220-878-81	s RES, CHIP 22 (1005)
R223	1-220-878-81	s RES, CHIP 22 (1005)
R224	1-220-878-81	s RES, CHIP 22 (1005)
R225	1-218-990-81	s CONDUCTOR, CHIP (1005)
R226	1-218-990-81	s CONDUCTOR, CHIP (1005)
R227	1-220-878-81	s RES, CHIP 22 (1005)
R228	1-220-878-81	s RES, CHIP 22 (1005)
R229	1-220-878-81	s RES, CHIP 22 (1005)
R230	1-220-878-81	s RES, CHIP 22 (1005)
R231	1-220-878-81	s RES, CHIP 22 (1005)
R232	1-220-878-81	s RES, CHIP 22 (1005)
R233	1-220-878-81	s RES, CHIP 22 (1005)
R234	1-220-878-81	s RES, CHIP 22 (1005)
R235	1-208-935-81	s RES, CHIP 100K (1005)
R236	1-208-935-81	s RES, CHIP 100K (1005)
R237	1-208-935-81	s RES, CHIP 100K (1005)
R238	1-208-935-81	s RES, CHIP 100K (1005)
R239	1-208-935-81	s RES, CHIP 100K (1005)
R240	1-220-878-81	s RES, CHIP 22 (1005)
R241	1-220-878-81	s RES, CHIP 22 (1005)
R242	1-220-878-81	s RES, CHIP 22 (1005)
R243	1-220-878-81	s RES, CHIP 22 (1005)
R244	1-220-878-81	s RES, CHIP 22 (1005)
R245	1-220-878-81	s RES, CHIP 22 (1005)
R246	1-220-878-81	s RES, CHIP 22 (1005)
R247	1-220-878-81	s RES, CHIP 22 (1005)
R248	1-208-911-81	s RES, CHIP 10K (1005)
R249	1-220-878-81	s RES, CHIP 22 (1005)
R250	1-220-878-81	s RES, CHIP 22 (1005)
R251	1-220-878-81	s RES, CHIP 22 (1005)
R252	1-220-878-81	s RES, CHIP 22 (1005)
R253	1-220-878-81	s RES, CHIP 22 (1005)
R254	1-220-878-81	s RES, CHIP 22 (1005)
R255	1-220-878-81	s RES, CHIP 22 (1005)
R256	1-220-878-81	s RES, CHIP 22 (1005)
R257	1-208-907-81	s RES, CHIP 6.8K (1005)
R258	1-220-878-81	s RES, CHIP 22 (1005)
R259	1-220-878-81	s RES, CHIP 22 (1005)
R260	1-220-878-81	s RES, CHIP 22 (1005)
R261	1-220-878-81	s RES, CHIP 22 (1005)
R262	1-220-878-81	s RES, CHIP 22 (1005)
R263	1-220-878-81	s RES, CHIP 22 (1005)
R264	1-220-878-81	s RES, CHIP 22 (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R265	1-220-878-81 s	RES, CHIP 22 (1005)
R266	1-220-878-81 s	RES, CHIP 22 (1005)
R267	1-220-878-81 s	RES, CHIP 22 (1005)
R268	1-220-878-81 s	RES, CHIP 22 (1005)
R269	1-220-878-81 s	RES, CHIP 22 (1005)
R270	1-220-878-81 s	RES, CHIP 22 (1005)
R271	1-220-878-81 s	RES, CHIP 22 (1005)
R272	1-220-878-81 s	RES, CHIP 22 (1005)
R273	1-220-878-81 s	RES, CHIP 22 (1005)
R274	1-220-878-81 s	RES, CHIP 22 (1005)
R275	1-220-878-81 s	RES, CHIP 22 (1005)
R276	1-220-878-81 s	RES, CHIP 22 (1005)
R277	1-220-878-81 s	RES, CHIP 22 (1005)
R278	1-220-878-81 s	RES, CHIP 22 (1005)
R279	1-220-878-81 s	RES, CHIP 22 (1005)
R280	1-220-878-81 s	RES, CHIP 22 (1005)
R281	1-220-878-81 s	RES, CHIP 22 (1005)
R282	1-220-878-81 s	RES, CHIP 22 (1005)
R283	1-208-927-81 s	RES, CHIP 47K (1005)
R284	1-208-927-81 s	RES, CHIP 47K (1005)
R285	1-220-878-81 s	RES, CHIP 22 (1005)
R286	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R288	1-220-878-81 s	RES, CHIP 22 (1005)
R289	1-220-878-81 s	RES, CHIP 22 (1005)
R290	1-220-878-81 s	RES, CHIP 22 (1005)
R291	1-220-878-81 s	RES, CHIP 22 (1005)
R292	1-220-878-81 s	RES, CHIP 22 (1005)
R293	1-220-878-81 s	RES, CHIP 22 (1005)
R294	1-220-878-81 s	RES, CHIP 22 (1005)
R295	1-220-878-81 s	RES, CHIP 22 (1005)
R296	1-220-878-81 s	RES, CHIP 22 (1005)
R297	1-220-878-81 s	RES, CHIP 22 (1005)
R298	1-220-878-81 s	RES, CHIP 22 (1005)
R299	1-220-878-81 s	RES, CHIP 22 (1005)
R300	1-220-878-81 s	RES, CHIP 22 (1005)
R301	1-220-878-81 s	RES, CHIP 22 (1005)
R302	1-220-878-81 s	RES, CHIP 22 (1005)
R303	1-220-878-81 s	RES, CHIP 22 (1005)
R304	1-220-878-81 s	RES, CHIP 22 (1005)
R305	1-220-878-81 s	RES, CHIP 22 (1005)
R306	1-220-878-81 s	RES, CHIP 22 (1005)
R307	1-220-878-81 s	RES, CHIP 22 (1005)
R308	1-220-878-81 s	RES, CHIP 22 (1005)
R309	1-220-878-81 s	RES, CHIP 22 (1005)
R310	1-220-870-81 s	RES, CHIP 10 (1005)
R311	1-220-870-81 s	RES, CHIP 10 (1005)
R312	1-220-870-81 s	RES, CHIP 10 (1005)
R313	1-220-870-81 s	RES, CHIP 10 (1005)
R314	1-208-911-81 s	RES, CHIP 10K (1005)
R315	1-208-911-81 s	RES, CHIP 10K (1005)
R316	1-208-859-81 s	RES, CHIP 68 (1005)
R317	1-208-863-81 s	RES, CHIP 100 (1005)
R318	1-208-863-81 s	RES, CHIP 100 (1005)
R319	1-208-863-81 s	RES, CHIP 100 (1005)
R320	1-208-863-81 s	RES, CHIP 100 (1005)
R321	1-220-878-81 s	RES, CHIP 22 (1005)
R322	1-220-878-81 s	RES, CHIP 22 (1005)
R401	1-208-863-81 s	RES, CHIP 100 (1005)
R402	1-208-863-81 s	RES, CHIP 100 (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R403	1-208-863-81 s	RES, CHIP 100 (1005)
R404	1-208-863-81 s	RES, CHIP 100 (1005)
R405	1-208-863-81 s	RES, CHIP 100 (1005)
R406	1-208-863-81 s	RES, CHIP 100 (1005)
R407	1-208-911-81 s	RES, CHIP 10K (1005)
R408	1-208-911-81 s	RES, CHIP 10K (1005)
R409	1-208-911-81 s	RES, CHIP 10K (1005)
R410	1-211-977-91 s	RES, CHIP 22 (1608)
R411	1-208-871-81 s	RES, CHIP 220 (1005)
R412	1-208-871-81 s	RES, CHIP 220 (1005)
R413	1-208-871-81 s	RES, CHIP 220 (1005)
R414	1-211-977-91 s	RES, CHIP 22 (1608)
R415	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R417	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R422	1-218-990-81 s	CONDUCTOR, CHIP (1005)
R424	1-208-911-81 s	RES, CHIP 10K (1005)
R425	1-208-923-81 s	RES, CHIP 33K (1005)
R426	1-208-887-81 s	RES, CHIP 1.0K (1005)
R427	1-208-887-81 s	RES, CHIP 1.0K (1005)
R430	1-208-895-81 s	RES, CHIP 2.2K (1005)
R431	1-208-927-81 s	RES, CHIP 47K (1005)
R432	1-208-899-81 s	RES, CHIP 3.3K (1005)
R433	1-208-927-81 s	RES, CHIP 47K (1005)
R434	1-208-863-81 s	RES, CHIP 100 (1005)
R435	1-208-863-81 s	RES, CHIP 100 (1005)
R436	1-208-863-81 s	RES, CHIP 100 (1005)
R437	1-208-863-81 s	RES, CHIP 100 (1005)
R438	1-208-863-81 s	RES, CHIP 100 (1005)
R439	1-208-899-81 s	RES, CHIP 3.3K (1005)
R440	1-208-927-81 s	RES, CHIP 47K (1005)
R441	1-208-863-81 s	RES, CHIP 100 (1005)
R442	1-208-863-81 s	RES, CHIP 100 (1005)
R443	1-208-863-81 s	RES, CHIP 100 (1005)
R444	1-208-863-81 s	RES, CHIP 100 (1005)
R445	1-208-863-81 s	RES, CHIP 100 (1005)
R446	1-208-863-81 s	RES, CHIP 100 (1005)
R447	1-208-863-81 s	RES, CHIP 100 (1005)
R501	1-208-935-81 s	RES, CHIP 100K (1005)
R503	1-220-870-81 s	RES, CHIP 10 (1005)
R505	1-208-911-81 s	RES, CHIP 10K (1005)
R507	1-208-887-81 s	RES, CHIP 1.0K (1005)
R508	1-208-887-81 s	RES, CHIP 1.0K (1005)
R509	1-208-887-81 s	RES, CHIP 1.0K (1005)
R510	1-208-887-81 s	RES, CHIP 1.0K (1005)
R511	1-208-887-81 s	RES, CHIP 1.0K (1005)
R512	1-208-887-81 s	RES, CHIP 1.0K (1005)
R513	1-211-977-91 s	RES, CHIP 22 (1608)
R514	1-211-977-91 s	RES, CHIP 22 (1608)
R515	1-208-875-81 s	RES, CHIP 330 (1005)
R516	1-208-871-81 s	RES, CHIP 220 (1005)
R517	1-211-977-91 s	RES, CHIP 22 (1608)
R518	1-211-977-91 s	RES, CHIP 22 (1608)
R519	1-208-875-81 s	RES, CHIP 330 (1005)
R520	1-208-871-81 s	RES, CHIP 220 (1005)
R521	1-208-871-81 s	RES, CHIP 220 (1005)
R522	1-208-871-81 s	RES, CHIP 220 (1005)
R523	1-211-986-91 s	RES, CHIP 51 (1608)
R524	1-211-986-91 s	RES, CHIP 51 (1608)
R525	1-211-986-91 s	RES, CHIP 51 (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R526	1-211-986-91	s RES,	CHIP 51 (1608)
R527	1-211-986-91	s RES,	CHIP 51 (1608)
R528	1-211-986-91	s RES,	CHIP 51 (1608)
R529	1-211-986-91	s RES,	CHIP 51 (1608)
R530	1-211-986-91	s RES,	CHIP 51 (1608)
R531	1-218-823-91	s RES,	CHIP 100 (1608)
R532	1-218-823-91	s RES,	CHIP 100 (1608)
R533	1-218-823-91	s RES,	CHIP 100 (1608)
R534	1-218-823-91	s RES,	CHIP 100 (1608)
R535	1-220-870-81	s RES,	CHIP 10 (1005)
R536	1-208-911-81	s RES,	CHIP 10K (1005)
R537	1-220-870-81	s RES,	CHIP 10 (1005)
R542	1-208-911-81	s RES,	CHIP 10K (1005)
R543	1-220-870-81	s RES,	CHIP 10 (1005)
R544	1-220-870-81	s RES,	CHIP 10 (1005)
R545	1-220-878-81	s RES,	CHIP 22 (1005)
R546	1-208-887-81	s RES,	CHIP 1.0K (1005)
R547	1-208-911-81	s RES,	CHIP 10K (1005)
R549	1-208-911-81	s RES,	CHIP 10K (1005)
R550	1-208-911-81	s RES,	CHIP 10K (1005)
R551	1-208-911-81	s RES,	CHIP 10K (1005)
R552	1-220-870-81	s RES,	CHIP 10 (1005)
R553	1-208-863-81	s RES,	CHIP 100 (1005)
R554	1-208-911-81	s RES,	CHIP 10K (1005)
R555	1-208-911-81	s RES,	CHIP 10K (1005)
R556	1-208-927-81	s RES,	CHIP 47K (1005)
R557	1-220-870-81	s RES,	CHIP 10 (1005)
R558	1-220-870-81	s RES,	CHIP 10 (1005)
R559	1-220-870-81	s RES,	CHIP 10 (1005)
R560	1-220-870-81	s RES,	CHIP 10 (1005)
R561	1-220-870-81	s RES,	CHIP 10 (1005)
R562	1-220-870-81	s RES,	CHIP 10 (1005)
R563	1-220-870-81	s RES,	CHIP 10 (1005)
R564	1-220-870-81	s RES,	CHIP 10 (1005)
R565	1-220-870-81	s RES,	CHIP 10 (1005)
R566	1-220-870-81	s RES,	CHIP 10 (1005)
R567	1-220-870-81	s RES,	CHIP 10 (1005)
R568	1-220-870-81	s RES,	CHIP 10 (1005)
R569	1-220-870-81	s RES,	CHIP 10 (1005)
R570	1-220-870-81	s RES,	CHIP 10 (1005)
R571	1-220-870-81	s RES,	CHIP 10 (1005)
R572	1-220-870-81	s RES,	CHIP 10 (1005)
R573	1-220-870-81	s RES,	CHIP 10 (1005)
R574	1-220-870-81	s RES,	CHIP 10 (1005)
R575	1-220-870-81	s RES,	CHIP 10 (1005)
R576	1-208-887-81	s RES,	CHIP 1.0K (1005)
R577	1-208-887-81	s RES,	CHIP 1.0K (1005)
R578	1-208-887-81	s RES,	CHIP 1.0K (1005)
R579	1-208-887-81	s RES,	CHIP 1.0K (1005)
R580	1-211-977-91	s RES,	CHIP 22 (1608)
R581	1-211-977-91	s RES,	CHIP 22 (1608)
R582	1-211-977-91	s RES,	CHIP 22 (1608)
R583	1-211-977-91	s RES,	CHIP 22 (1608)
RB1	1-234-377-21	s RES,	NETWORK 4.7K (1005X4)
RB2	1-234-377-21	s RES,	NETWORK 4.7K (1005X4)
RB3	1-234-377-21	s RES,	NETWORK 4.7K (1005X4)
RB4	1-234-377-21	s RES,	NETWORK 4.7K (1005X4)
RB5	1-234-377-21	s RES,	NETWORK 4.7K (1005X4)

(MPU-164 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
RB6	1-234-381-21	s RES,	NETWORK 100K (1005X4)
RB7	1-234-381-21	s RES,	NETWORK 100K (1005X4)
RB8	1-234-381-21	s RES,	NETWORK 100K (1005X4)
RB9	1-234-381-21	s RES,	NETWORK 100K (1005X4)
RB10	1-234-381-21	s RES,	NETWORK 100K (1005X4)
RB11	1-234-381-21	s RES,	NETWORK 100K (1005X4)
RB12	1-234-377-21	s RES,	NETWORK 4.7K (1005X4)
RB13	1-234-381-21	s RES,	NETWORK 100K (1005X4)
RB14	1-234-381-21	s RES,	NETWORK 100K (1005X4)
RB15	1-234-381-21	s RES,	NETWORK 100K (1005X4)
RB16	1-234-381-21	s RES,	NETWORK 100K (1005X4)
RB17	1-234-381-21	s RES,	NETWORK 100K (1005X4)
RB18	1-234-381-21	s RES,	NETWORK 100K (1005X4)
RB19	1-234-381-21	s RES,	NETWORK 100K (1005X4)
RB20	1-234-381-21	s RES,	NETWORK 100K (1005X4)
RB21	1-234-377-21	s RES,	NETWORK 4.7K (1005X4)
RB22	1-234-377-21	s RES,	NETWORK 4.7K (1005X4)
RB23	1-234-377-21	s RES,	NETWORK 4.7K (1005X4)
RB24	1-234-377-21	s RES,	NETWORK 4.7K (1005X4)
RB25	1-234-377-21	s RES,	NETWORK 4.7K (1005X4)
RB26	1-234-377-21	s RES,	NETWORK 4.7K (1005X4)
RB202	1-234-380-21	s RES,	NETWORK 47K (1005X4)
RB203	1-234-380-21	s RES,	NETWORK 47K (1005X4)
RB204	1-234-380-21	s RES,	NETWORK 47K (1005X4)
RB205	1-234-380-21	s RES,	NETWORK 47K (1005X4)
RB206	1-234-381-21	s RES,	NETWORK 100K (1005X4)
RB207	1-234-381-21	s RES,	NETWORK 100K (1005X4)
RB208	1-234-381-21	s RES,	NETWORK 100K (1005X4)
RB209	1-234-381-21	s RES,	NETWORK 100K (1005X4)
RB210	1-234-381-21	s RES,	NETWORK 100K (1005X4)
RB211	1-234-381-21	s RES,	NETWORK 100K (1005X4)
RB212	1-234-381-21	s RES,	NETWORK 100K (1005X4)
RB213	1-234-381-21	s RES,	NETWORK 100K (1005X4)
RB214	1-234-380-21	s RES,	NETWORK 47K (1005X4)
RB215	1-234-380-21	s RES,	NETWORK 47K (1005X4)
RB216	1-234-380-21	s RES,	NETWORK 47K (1005X4)
RB217	1-234-380-21	s RES,	NETWORK 47K (1005X4)
RB220	1-234-372-21	s RES,	NETWORK 100 (1005X4)
RB221	1-234-372-21	s RES,	NETWORK 100 (1005X4)
RB222	1-234-372-21	s RES,	NETWORK 100 (1005X4)
RB401	1-234-380-21	s RES,	NETWORK 47K (1005X4)
RB402	1-234-380-21	s RES,	NETWORK 47K (1005X4)
RB403	1-234-380-21	s RES,	NETWORK 47K (1005X4)
RB404	1-234-380-21	s RES,	NETWORK 47K (1005X4)
RB405	1-234-380-21	s RES,	NETWORK 47K (1005X4)
RB501	1-234-380-21	s RES,	NETWORK 47K (1005X4)
RB502	1-234-380-21	s RES,	NETWORK 47K (1005X4)
RY401	1-755-379-21	s RELAY	
S2	1-572-921-21	s SWITCH,	KEY BOARD
S5	1-692-881-41	s SWITCH,	SLIDE
S101	1-692-270-41	s SWITCH,	SLIDE
S102	1-692-270-41	s SWITCH,	SLIDE
T501	1-697-310-11	s PULSE TRANSFORMER	
T502	1-697-310-11	s PULSE TRANSFORMER	
THP1	1-771-845-21	s THERMISTOR,	POSITIVE
X1	1-814-011-11	s OSCILLATOR,CRYSTAL	(33.1776MHZ)

(MPU-164 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
X501	1-795-984-11	s OSCILLATOR, CRYSTAL
X502	1-795-983-11	s OSCILLATOR, CRYSTAL

PS-925 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-2167-969-A	s PS-925 COMPL
C1	1-114-831-91	s CAP, CHIP CERAMIC 1MFX7R(3216)
C2	1-112-317-11	s CAP, CHIP CERAMIC 0.1MF (2012)
C3	1-114-831-91	s CAP, CHIP CERAMIC 1MFX7R(3216)
C4	1-114-831-91	s CAP, CHIP CERAMIC 1MFX7R(3216)
C5	1-114-831-91	s CAP, CHIP CERAMIC 1MFX7R(3216)
C6	1-118-091-11	s CAP, CERAMIC 330PF C0G (3216)
C7	1-118-036-11	s CAP, CERAMIC 0.1MF X5R (1608)
C8	1-135-787-91	s CAP, CHIP CERAMIC 1000PF
C9	1-118-049-11	s CAP, CERAMIC 4.7MF X5R (3216)
C10	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C11	1-118-049-11	s CAP, CERAMIC 4.7MF X5R (3216)
C12	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C13	1-118-049-11	s CAP, CERAMIC 4.7MF X5R (3216)
C14	1-118-049-11	s CAP, CERAMIC 4.7MF X5R (3216)
C15	1-118-391-11	s CAP, CERAMIC 0.01MF X7R 1005
C16	1-118-036-11	s CAP, CERAMIC 0.1MF X5R (1608)
C17	1-115-670-21	s CAP, CHIP ELECT 220MF
C18	1-164-866-81	s CAP, CHIP CERAMIC 47PF CH 1005
C19	1-115-670-21	s CAP, CHIP ELECT 220MF
C20	1-115-670-21	s CAP, CHIP ELECT 220MF
C21	1-118-049-11	s CAP, CERAMIC 4.7MF X5R (3216)
C22	1-118-036-11	s CAP, CERAMIC 0.1MF X5R (1608)
C23	1-118-036-11	s CAP, CERAMIC 0.1MF X5R (1608)
C24	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C25	1-118-036-11	s CAP, CERAMIC 0.1MF X5R (1608)
C26	1-118-036-11	s CAP, CERAMIC 0.1MF X5R (1608)
C27	1-118-036-11	s CAP, CERAMIC 0.1MF X5R (1608)
C28	1-114-831-91	s CAP, CHIP CERAMIC 1MFX7R(3216)
C29	1-114-831-91	s CAP, CHIP CERAMIC 1MFX7R(3216)
C30	1-126-405-21	s CAP, CHIP ELECT 10MF (6.3X5.7)
C31	1-126-405-21	s CAP, CHIP ELECT 10MF (6.3X5.7)
C32	1-116-347-11	s CAP, ELECT 150MF 105
C33	1-116-347-11	s CAP, ELECT 150MF 105
C34	1-114-831-91	s CAP, CHIP CERAMIC 1MFX7R(3216)
C35	1-114-831-91	s CAP, CHIP CERAMIC 1MFX7R(3216)
C36	1-114-831-91	s CAP, CHIP CERAMIC 1MFX7R(3216)
C37	1-114-831-91	s CAP, CHIP CERAMIC 1MFX7R(3216)
C38	1-118-036-11	s CAP, CERAMIC 0.1MF X5R (1608)
C39	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C40	1-126-405-21	s CAP, CHIP ELECT 10MF (6.3X5.7)
C41	1-126-405-21	s CAP, CHIP ELECT 10MF (6.3X5.7)
C42	1-126-405-21	s CAP, CHIP ELECT 10MF (6.3X5.7)
C43	1-126-405-21	s CAP, CHIP ELECT 10MF (6.3X5.7)
C44	1-118-036-11	s CAP, CERAMIC 0.1MF X5R (1608)
C45	1-118-036-11	s CAP, CERAMIC 0.1MF X5R (1608)
C46	1-164-874-81	s CAP,CHIP CERAMIC 100PF CH 1005
C47	1-164-874-81	s CAP,CHIP CERAMIC 100PF CH 1005
C48	1-164-874-81	s CAP,CHIP CERAMIC 100PF CH 1005
C49	1-164-874-81	s CAP,CHIP CERAMIC 100PF CH 1005
C50	1-116-739-11	s CAP, CERAMIC 0.47MF X7R 2012
C51	1-116-739-11	s CAP, CERAMIC 0.47MF X7R 2012
C52	1-164-858-81	s CAP, CHIP CERAMIC 22PF CH 1005
C53	1-164-858-81	s CAP, CHIP CERAMIC 22PF CH 1005
C54	1-116-707-11	s CAP, CERAMIC 47MF X5R 3216
C55	1-116-707-11	s CAP, CERAMIC 47MF X5R 3216
C56	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C57	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)

(PS-925 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C58	1-116-707-11	s	CAP, CERAMIC 47MF X5R 3216
C59	1-116-707-11	s	CAP, CERAMIC 47MF X5R 3216
C60	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C61	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C62	1-116-707-11	s	CAP, CERAMIC 47MF X5R 3216
C63	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C64	1-116-707-11	s	CAP, CERAMIC 47MF X5R 3216
C66	1-116-707-11	s	CAP, CERAMIC 47MF X5R 3216
C69	1-116-707-11	s	CAP, CERAMIC 47MF X5R 3216
C70	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C71	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C72	1-118-036-11	s	CAP, CERAMIC 0.1MF X5R (1608)
C73	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C74	1-164-874-81	s	CAP,CHIP CERAMIC 100PF CH 1005
C75	1-116-739-11	s	CAP, CERAMIC 0.47MF X7R 2012
C76	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C77	1-116-704-11	s	CAP, CERAMIC 100MF X5R 3216
C78	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C79	1-116-704-11	s	CAP, CERAMIC 100MF X5R 3216
C80	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C81	1-164-882-81	s	CAP,CHIP CERAMIC 220PF CH 1005
C82	1-164-882-81	s	CAP,CHIP CERAMIC 220PF CH 1005
C83	1-164-882-81	s	CAP,CHIP CERAMIC 220PF CH 1005
C84	1-116-704-11	s	CAP, CERAMIC 100MF X5R 3216
C85	1-116-704-11	s	CAP, CERAMIC 100MF X5R 3216
C86	1-114-831-91	s	CAP, CHIP CERAMIC 1MF X7R(3216)
C87	1-114-831-91	s	CAP, CHIP CERAMIC 1MF X7R(3216)
C88	1-114-831-91	s	CAP, CHIP CERAMIC 1MF X7R(3216)
C89	1-114-831-91	s	CAP, CHIP CERAMIC 1MF X7R(3216)
C90	1-135-787-91	s	CAP, CHIP CERAMIC 1000PF
C91	1-118-091-11	s	CAP, CERAMIC 330PF C0G (3216)
C95	1-116-704-11	s	CAP, CERAMIC 100MF X5R 3216
C96	1-116-704-11	s	CAP, CERAMIC 100MF X5R 3216
C101	1-118-049-11	s	CAP, CERAMIC 4.7MF X5R (3216)
C102	1-118-049-11	s	CAP, CERAMIC 4.7MF X5R (3216)
C103	1-116-707-11	s	CAP, CERAMIC 47MF X5R 3216
C104	1-116-707-11	s	CAP, CERAMIC 47MF X5R 3216
C105	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C106	1-117-949-81	s	CAP, CHIP CERAMIC 820PF B1005
C108	1-164-866-81	s	CAP, CHIP CERAMIC 47PF CH 1005
C109	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C110	1-116-713-11	s	CAP, CERAMIC 22MF X5R 2012
C111	1-116-713-11	s	CAP, CERAMIC 22MF X5R 2012
C112	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C113	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C114	1-116-713-11	s	CAP, CERAMIC 22MF X5R 2012
C115	1-116-713-11	s	CAP, CERAMIC 22MF X5R 2012
C116	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C117	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C118	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C119	1-116-704-11	s	CAP, CERAMIC 100MF X5R 3216
C120	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C121	1-116-704-11	s	CAP, CERAMIC 100MF X5R 3216
C122	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C123	1-116-713-11	s	CAP, CERAMIC 22MF X5R 2012
C124	1-116-713-11	s	CAP, CERAMIC 22MF X5R 2012
C125	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C126	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C127	1-164-882-81	s	CAP,CHIP CERAMIC 220PF CH 1005

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Ref. No. or Q'ty	Part No.	SP	Description
C128	1-114-214-81	s	CAP,CHIP CERAMIC470PF CH1005
C129	1-114-214-81	s	CAP,CHIP CERAMIC470PF CH1005
C130	1-112-692-81	s	CAP,CHIP CERAMIC1000PF CH 1005
C131	1-116-704-11	s	CAP, CERAMIC 100MF X5R 3216
C132	1-116-704-11	s	CAP, CERAMIC 100MF X5R 3216
C133	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C134	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C135	1-116-704-11	s	CAP, CERAMIC 100MF X5R 3216
C136	1-116-704-11	s	CAP, CERAMIC 100MF X5R 3216
C137	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C138	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
C139	1-135-787-91	s	CAP, CHIP CERAMIC 1000PF
C140	1-112-317-11	s	CAP, CHIP CERAMIC 0.1MF (2012)
C141	1-112-317-11	s	CAP, CHIP CERAMIC 0.1MF (2012)
C142	1-118-036-11	s	CAP, CERAMIC 0.1MF X5R (1608)
C143	1-118-036-11	s	CAP, CERAMIC 0.1MF X5R (1608)
C144	1-118-036-11	s	CAP, CERAMIC 0.1MF X5R (1608)
C187	1-116-707-11	s	CAP, CERAMIC 47MF X5R 3216
C188	1-116-707-11	s	CAP, CERAMIC 47MF X5R 3216
C276	1-118-035-11	o	CAP, CERAMIC 0.1MF X5R (1005)
CN1	1-785-207-51	s	HOUSING, CONNECTOR 25P
CN2	1-770-297-51	s	HOUSING, CONNECTOR 12P
CN3	1-778-475-21	o	CONNECTOR, BOARD TO BOARD 50P
D1	6-501-218-01	s	DIODE ST03-68F1
D2	6-503-619-01	s	DI UDZVTE-177.5B
D3	6-503-573-01	o	DI 1SS400SMGJT2R
D4	6-503-573-01	o	DI 1SS400SMGJT2R
D5	6-503-573-01	o	DI 1SS400SMGJT2R
D6	6-501-123-01	s	DIODE RB160M-60TR
D7	6-503-573-01	o	DI 1SS400SMGJT2R
D8	6-503-573-01	o	DI 1SS400SMGJT2R
D9	6-503-573-01	o	DI 1SS400SMGJT2R
D10	6-503-573-01	o	DI 1SS400SMGJT2R
D12	8-719-991-01	s	DIODE DAP222-TL
D13	8-719-991-01	s	DIODE DAP222-TL
D14	8-719-991-01	s	DIODE DAP222-TL
D15	6-503-614-01	s	DI UDZVTE-174.7B
D16	6-503-573-01	o	DI 1SS400SMGJT2R
D18	6-502-197-01	s	DI SML-D12M8WT86SM
D19	8-719-072-83	s	DIODE MBRS340T3
D20	8-719-072-83	s	DIODE MBRS340T3
D21	6-501-422-01	s	DIODE RSX501LA-20TR
D22	6-503-573-01	o	DI 1SS400SMGJT2R
D23	6-503-573-01	o	DI 1SS400SMGJT2R
D101	6-503-573-01	o	DI 1SS400SMGJT2R
D102	6-503-573-01	o	DI 1SS400SMGJT2R
D103	8-719-064-12	s	DIODE S1NB60-4062
D104	8-719-064-12	s	DIODE S1NB60-4062
FB1	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB2	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB3	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB4	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB5	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB6	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB7	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB8	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB10	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB13	1-414-864-21	s	FERRITE, EMI (SMD) (1608)

(PS-925 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
FB14	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB15	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB16	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB17	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB18	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB19	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB20	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB21	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB22	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB23	1-414-772-21 s	FERRITE, EMI (SMD) (2012)
FB24	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB25	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB26	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB27	1-414-772-21 s	FERRITE, EMI (SMD) (2012)
FB28	1-414-772-21 s	FERRITE, EMI (SMD) (2012)
FB29	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB30	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB33	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB34	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB35	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB36	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB37	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB39	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB40	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB41	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB51	1-414-772-21 s	FERRITE, EMI (SMD) (2012)
FB52	1-414-772-21 s	FERRITE, EMI (SMD) (2012)
FB53	1-414-772-21 s	FERRITE, EMI (SMD) (2012)
FB54	1-400-462-21 s	FERRITE, EMI (SMD) (1005)
FB55	1-400-462-21 s	FERRITE, EMI (SMD) (1005)
FB56	1-400-462-21 s	FERRITE, EMI (SMD) (1005)
FB57	1-400-462-21 s	FERRITE, EMI (SMD) (1005)
FB58	1-400-462-21 s	FERRITE, EMI (SMD) (1005)
FB59	1-400-462-21 s	FERRITE, EMI (SMD) (1005)
FB60	1-400-462-21 s	FERRITE, EMI (SMD) (1005)
FB61	1-400-462-21 s	FERRITE, EMI (SMD) (1005)
FB62	1-400-462-21 s	FERRITE, EMI (SMD) (1005)
FB63	1-400-462-21 s	FERRITE, EMI (SMD) (1005)
FB64	1-400-462-21 s	FERRITE, EMI (SMD) (1005)
FB65	1-400-462-21 s	FERRITE, EMI (SMD) (1005)
FB66	1-400-462-21 s	FERRITE, EMI (SMD) (1005)
FB67	1-400-462-21 s	FERRITE, EMI (SMD) (1005)
FB68	1-400-462-21 s	FERRITE, EMI (SMD) (1005)
FB69	1-414-772-21 s	FERRITE, EMI (SMD) (2012)
FB70	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB101	1-414-772-21 s	FERRITE, EMI (SMD) (2012)
FB102	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB103	1-414-772-21 s	FERRITE, EMI (SMD) (2012)
FB104	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB105	1-414-772-21 s	FERRITE, EMI (SMD) (2012)
FB106	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB107	1-414-772-21 s	FERRITE, EMI (SMD) (2012)
FB108	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB110	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB111	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB112	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB113	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB114	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB115	1-414-864-21 s	FERRITE, EMI (SMD) (1608)

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Ref. No. or Q'ty	Part No.	SP Description
FB116	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB117	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB118	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB119	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB120	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB121	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB122	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB123	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB124	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB125	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB126	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB127	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB251	1-414-864-21 s	FERRITE, EMI (SMD) (1608)
FB254	1-414-772-21 s	FERRITE, EMI (SMD) (2012)
FB255	1-414-772-21 s	FERRITE, EMI (SMD) (2012)
IC1	6-715-083-01 s	IC LTC4267IGN-3#TR
IC2	6-715-082-01 s	IC LT4430ES6#TR
IC3	8-759-330-14 s	IC TL7700CPS-E20
IC4	6-715-080-01 s	IC LTC4357IMS8#TR
IC5	6-715-080-01 s	IC LTC4357IMS8#TR
IC6	6-715-080-01 s	IC LTC4357IMS8#TR
IC7	8-759-330-14 s	IC TL7700CPS-E20
IC8	6-712-232-01 s	IC LT3481EDD#TR
IC9	6-712-232-01 s	IC LT3481EDD#TR
IC10	6-712-232-01 s	IC LT3481EDD#TR
IC013	6-713-169-01 s	IC LTC3412AEFE#TR
IC101	6-713-116-01 s	IC NJM2855DL1-33-TE1
IC102	6-713-116-01 s	IC NJM2855DL1-33-TE1
IC104	6-706-879-01 s	IC TPS62020DRCR
IC105	6-706-879-01 s	IC TPS62020DRCR
L1	1-416-948-21 s	COIL, CHOKE (SMD) 10UH
L2	1-416-948-21 s	COIL, CHOKE (SMD) 10UH
L4	1-457-770-11 s	CHOKE COIL 1UH
L5	1-457-770-11 s	CHOKE COIL 1UH
L8	1-460-503-11 s	COIL, CHOKE 10UH
L9	1-460-503-11 s	COIL, CHOKE 10UH
L14	1-460-378-11 s	COIL, CHOKE 100UH
L15	1-460-503-11 s	COIL, CHOKE 10UH
L16	1-460-378-11 s	COIL, CHOKE 100UH
L17	1-460-378-11 s	COIL, CHOKE 100UH
L106	1-460-575-11 s	COIL, CHOKE 3.3UH
L110	1-460-503-11 s	COIL, CHOKE 10UH
L111	1-460-503-11 s	COIL, CHOKE 10UH
Q1	6-553-686-01 s	TR 2SC2881-Y(Te12L,ZC
Q2	6-552-474-01 s	TR SI3440DV-T1-GE3
Q3	8-729-928-05 s	TRANSISTOR 2SC4617TL-QR
Q4	6-553-664-01 s	TR TPH7R506NH
Q5	6-553-664-01 s	TR TPH7R506NH
Q6	6-553-664-01 s	TR TPH7R506NH
Q7	6-553-686-01 s	TR 2SC2881-Y(Te12L,ZC
Q9	6-552-910-01 s	TR DTC023JEBTL
R1	1-211-989-91 s	RES, CHIP 68 (1608)
R2	1-208-935-81 s	RES, CHIP 100K (1005)
R3	1-208-943-81 s	RES, CHIP 220K (1005)
R4	1-208-943-81 s	RES, CHIP 220K (1005)
R5	1-208-861-81 s	RES, CHIP 82 (1005)
R6	1-208-903-81 s	RES, CHIP 4.7K (1005)
R7	1-218-231-91 s	RES,SQUARE TYPE CHIP 1.0(4532)

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Ref. No. or Q'ty	Part No.	SP Description
R8	1-208-935-81	s RES, CHIP 100K (1005)
R9	1-219-706-21	s RES, CHIP (SQUARE TYPE) 0.10
R10	1-220-253-91	s RES, SQUARE TYPE CHIP 47(3225)
R11	1-220-242-91	s RES, SQUARE TYPE CHIP 22(3225)
R12	1-208-863-81	s RES, CHIP 100 (1005)
R13	1-218-990-81	s CONDUCTOR, CHIP (1005)
R14	1-208-907-81	s RES, CHIP 6.8K (1005)
R15	1-218-833-91	s RES, CHIP 270 (1608)
R16	1-208-919-81	s RES, CHIP 22K (1005)
R17	1-208-907-81	s RES, CHIP 6.8K (1005)
R18	1-208-895-81	s RES, CHIP 2.2K (1005)
R19	1-208-935-81	s RES, CHIP 100K (1005)
R20	1-208-863-81	s RES, CHIP 100 (1005)
R21	1-208-923-81	s RES, CHIP 33K (1005)
R22	1-208-911-81	s RES, CHIP 10K (1005)
R23	1-208-899-81	s RES, CHIP 3.3K (1005)
R24	1-208-935-81	s RES, CHIP 100K (1005)
R25	1-208-887-81	s RES, CHIP 1.0K (1005)
R26	1-208-899-81	s RES, CHIP 3.3K (1005)
R27	1-208-863-81	s RES, CHIP 100 (1005)
R28	1-208-863-81	s RES, CHIP 100 (1005)
R29	1-208-863-81	s RES, CHIP 100 (1005)
R30	1-208-863-81	s RES, CHIP 100 (1005)
R31	1-218-990-81	s CONDUCTOR, CHIP (1005)
R32	1-208-927-81	s RES, CHIP 47K (1005)
R34	1-208-939-81	s RES, CHIP 150K (1005)
R35	1-208-921-81	s RES, CHIP 27K (1005)
R36	1-208-911-81	s RES, CHIP 10K (1005)
R37	1-208-935-81	s RES, CHIP 100K (1005)
R38	1-208-935-81	s RES, CHIP 100K (1005)
R39	1-208-887-81	s RES, CHIP 1.0K (1005)
R40	1-208-951-81	s RES, CHIP 470K (1005)
R41	1-208-935-81	s RES, CHIP 100K (1005)
R42	1-208-887-81	s RES, CHIP 1.0K (1005)
R43	1-208-919-81	s RES, CHIP 22K (1005)
R44	1-208-919-81	s RES, CHIP 22K (1005)
R45	1-208-931-81	s RES, CHIP 68K (1005)
R46	1-208-931-81	s RES, CHIP 68K (1005)
R47	1-208-933-81	s RES, CHIP 82K (1005)
R48	1-208-933-81	s RES, CHIP 82K (1005)
R49	1-208-911-81	s RES, CHIP 10K (1005)
R50	1-208-911-81	s RES, CHIP 10K (1005)
R51	1-208-943-81	s RES, CHIP 220K (1005)
R52	1-208-947-81	s RES, CHIP 330K (1005)
R53	1-208-935-81	s RES, CHIP 100K (1005)
R54	1-208-951-81	s RES, CHIP 470K (1005)
R55	1-208-919-81	s RES, CHIP 22K (1005)
R56	1-208-931-81	s RES, CHIP 68K (1005)
R57	1-208-927-81	s RES, CHIP 47K (1005)
R58	1-208-923-81	s RES, CHIP 33K (1005)
R59	1-208-935-81	s RES, CHIP 100K (1005)
R60	1-220-253-91	s RES, SQUARE TYPE CHIP 47(3225)
R101	1-208-908-81	s RES, CHIP 7.5K (1005)
R102	1-208-959-81	s RES, CHIP 1M (1005)
R105	1-208-943-81	s RES, CHIP 220K (1005)
R106	1-208-935-81	s RES, CHIP 100K (1005)
R107	1-208-955-81	s RES, CHIP 680K (1005)
R108	1-208-933-81	s RES, CHIP 82K (1005)
R109	1-208-939-81	s RES, CHIP 150K (1005)

(PS-925 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R110	1-208-935-81	s RES, CHIP 100K (1005)
R111	1-208-935-81	s RES, CHIP 100K (1005)
R112	1-208-923-81	s RES, CHIP 33K (1005)
R113	1-208-923-81	s RES, CHIP 33K (1005)
R114	1-208-923-81	s RES, CHIP 33K (1005)
R115	1-208-923-81	s RES, CHIP 33K (1005)
R116	1-208-919-81	s RES, CHIP 22K (1005)
R117	1-218-263-91	s RES, SQUARE TYPE CHIP 75(4532)
R118	1-218-263-91	s RES, SQUARE TYPE CHIP 75(4532)
R119	1-218-895-91	s RES, CHIP 100K (1608)
T1	1-445-816-11	s TRANSFORMER, FLYBACK (FOR POE)
TP001	1-535-877-22	s CHIP, CHECKER
TP002	1-535-877-22	s CHIP, CHECKER
TP003	1-535-877-22	s CHIP, CHECKER

PS-926 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-2167-971-A	s PS-926 COMPL
C001	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C002	1-116-737-11	s CAP, CERAMIC 1MF X5R 1005
C003	1-116-737-11	s CAP, CERAMIC 1MF X5R 1005
C005	1-100-996-21	s CAP, CERAMIC 0.1MF X7R (3216)
D001	6-600-680-01	s PHOTO DIODE BH1690FVC-TR
D002	8-719-080-78	s DIODE 1SS403(TPH3)
FB001	1-400-462-21	s FERRITE, EMI (SMD) (1005)
FB002	1-400-462-21	s FERRITE, EMI (SMD) (1005)
IC001	8-759-830-70	s IC SM8142BD-G-EL
L001	1-457-647-11	o INDUCTOR 100UH 4018
R001	1-208-863-81	s RES, CHIP 100 (1005)
R002	1-208-863-81	s RES, CHIP 100 (1005)
R003	1-208-927-81	s RES, CHIP 47K (1005)
R004	1-208-863-81	s RES, CHIP 100 (1005)
R007	1-208-863-81	s RES, CHIP 100 (1005)
R008	1-208-903-81	s RES, CHIP 4.7K (1005)
R009	1-208-931-81	s RES, CHIP 68K (1005)
R010	1-216-049-91	s RES, CHIP 1.0K (2012)

SW-1713 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-2167-970-A	s SW-1713 COMPL
C1	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C2	1-116-717-11	s CAP, CERAMIC 10MF X5R 2012
C3	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C4	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C5	1-116-717-11	s CAP, CERAMIC 10MF X5R 2012
C6	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C7	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C8	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C9	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C10	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C11	1-118-391-11	s CAP, CERAMIC 0.01MF X7R 1005
C12	1-118-391-11	s CAP, CERAMIC 0.01MF X7R 1005
C13	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C14	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C15	1-116-737-11	s CAP, CERAMIC 1MF X5R 1005
C16	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C17	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C18	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C19	1-116-717-11	s CAP, CERAMIC 10MF X5R 2012
C20	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C21	1-116-717-11	s CAP, CERAMIC 10MF X5R 2012
C22	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C23	1-116-717-11	s CAP, CERAMIC 10MF X5R 2012
C24	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C25	1-116-717-11	s CAP, CERAMIC 10MF X5R 2012
C26	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C27	1-116-717-11	s CAP, CERAMIC 10MF X5R 2012
C28	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C29	1-116-717-11	s CAP, CERAMIC 10MF X5R 2012
C30	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C31	1-116-717-11	s CAP, CERAMIC 10MF X5R 2012
C32	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C33	1-116-717-11	s CAP, CERAMIC 10MF X5R 2012
C34	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C35	1-116-717-11	s CAP, CERAMIC 10MF X5R 2012
C36	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C37	1-116-717-11	s CAP, CERAMIC 10MF X5R 2012
C38	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C39	1-118-391-11	s CAP, CERAMIC 0.01MF X7R 1005
C40	1-118-391-11	s CAP, CERAMIC 0.01MF X7R 1005
C41	1-118-391-11	s CAP, CERAMIC 0.01MF X7R 1005
C42	1-118-391-11	s CAP, CERAMIC 0.01MF X7R 1005
C43	1-118-391-11	s CAP, CERAMIC 0.01MF X7R 1005
C44	1-118-391-11	s CAP, CERAMIC 0.01MF X7R 1005
C45	1-118-391-11	s CAP, CERAMIC 0.01MF X7R 1005
C46	1-118-391-11	s CAP, CERAMIC 0.01MF X7R 1005
C47	1-118-391-11	s CAP, CERAMIC 0.01MF X7R 1005
C48	1-118-391-11	s CAP, CERAMIC 0.01MF X7R 1005
C49	1-118-391-11	s CAP, CERAMIC 0.01MF X7R 1005
C50	1-118-391-11	s CAP, CERAMIC 0.01MF X7R 1005
C51	1-118-391-11	s CAP, CERAMIC 0.01MF X7R 1005
C52	1-118-391-11	s CAP, CERAMIC 0.01MF X7R 1005
C53	1-116-717-11	s CAP, CERAMIC 10MF X5R 2012
C54	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C100	1-116-737-11	s CAP, CERAMIC 1MF X5R 1005
C101	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)
C102	1-118-035-11	o CAP, CERAMIC 0.1MF X5R (1005)

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Ref. No. or Q'ty	Part No.	SP Description
C104	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C105	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C106	1-118-477-11 s	CAP, CERAMIC 2.2MF X5R 1005
C107	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C108	1-116-720-11 o	CAP, CERAMIC 10MF X5R 1608
C110	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C111	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C112	1-116-720-11 o	CAP, CERAMIC 10MF X5R 1608
C113	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C114	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C115	1-112-692-81 s	CAP,CHIP CERAMIC1000PF CH 1005
C116	1-118-039-11 s	CAP, CERAMIC 1MF X5R (1608)
C117	1-118-039-11 s	CAP, CERAMIC 1MF X5R (1608)
C118	1-116-737-11 s	CAP, CERAMIC 1MF X5R 1005
C119	1-118-477-11 s	CAP, CERAMIC 2.2MF X5R 1005
C120	1-116-704-11 s	CAP, CERAMIC 100MF X5R 3216
C121	1-116-717-11 s	CAP, CERAMIC 10MF X5R 2012
C123	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C124	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C125	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C126	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C127	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C128	1-118-389-11 s	CAP, CERAMIC 0.022MF X7R 1005
C129	1-118-389-11 s	CAP, CERAMIC 0.022MF X7R 1005
C130	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C134	1-118-041-11 s	CAP, CERAMIC 4.7MF X5R (1608)
C135	1-118-039-11 s	CAP, CERAMIC 1MF X5R (1608)
C136	1-118-041-11 s	CAP, CERAMIC 4.7MF X5R (1608)
C137	1-118-477-11 s	CAP, CERAMIC 2.2MF X5R 1005
C138	1-118-041-11 s	CAP, CERAMIC 4.7MF X5R (1608)
C139	1-118-391-11 s	CAP, CERAMIC 0.01MF X7R 1005
C140	1-118-041-11 s	CAP, CERAMIC 4.7MF X5R (1608)
C141	1-118-041-11 s	CAP, CERAMIC 4.7MF X5R (1608)
C142	1-118-477-11 s	CAP, CERAMIC 2.2MF X5R 1005
C143	1-118-039-11 s	CAP, CERAMIC 1MF X5R (1608)
C144	1-118-039-11 s	CAP, CERAMIC 1MF X5R (1608)
C145	1-118-039-11 s	CAP, CERAMIC 1MF X5R (1608)
C146	1-118-041-11 s	CAP, CERAMIC 4.7MF X5R (1608)
C147	1-116-737-11 s	CAP, CERAMIC 1MF X5R 1005
C148	1-116-720-11 o	CAP, CERAMIC 10MF X5R 1608
C149	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C150	1-116-704-11 s	CAP, CERAMIC 100MF X5R 3216
C151	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C153	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C154	1-118-369-11 s	CAP, CERAMIC 0.022MF X7R 1608
C155	1-118-041-11 s	CAP, CERAMIC 4.7MF X5R (1608)
C156	1-116-713-11 s	CAP, CERAMIC 22MF X5R 2012
C157	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C160	1-118-369-11 s	CAP, CERAMIC 0.022MF X7R 1608
C161	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C162	1-118-389-11 s	CAP, CERAMIC 0.022MF X7R 1005
C163	1-118-389-11 s	CAP, CERAMIC 0.022MF X7R 1005
C164	1-118-389-11 s	CAP, CERAMIC 0.022MF X7R 1005
C165	1-118-389-11 s	CAP, CERAMIC 0.022MF X7R 1005
C172	1-116-704-11 s	CAP, CERAMIC 100MF X5R 3216
C174	1-116-713-11 s	CAP, CERAMIC 22MF X5R 2012
C175	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C176	1-116-713-11 s	CAP, CERAMIC 22MF X5R 2012
C177	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)

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Ref. No. or Q'ty	Part No.	SP Description
C178	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C179	1-116-704-11 s	CAP, CERAMIC 100MF X5R 3216
C180	1-118-041-11 s	CAP, CERAMIC 4.7MF X5R (1608)
C181	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C182	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C201	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C202	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C203	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C204	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C205	1-116-713-11 s	CAP, CERAMIC 22MF X5R 2012
C206	1-116-713-11 s	CAP, CERAMIC 22MF X5R 2012
C207	1-116-713-11 s	CAP, CERAMIC 22MF X5R 2012
C208	1-116-713-11 s	CAP, CERAMIC 22MF X5R 2012
C209	1-116-713-11 s	CAP, CERAMIC 22MF X5R 2012
C210	1-116-713-11 s	CAP, CERAMIC 22MF X5R 2012
C211	1-116-713-11 s	CAP, CERAMIC 22MF X5R 2012
C212	1-116-713-11 s	CAP, CERAMIC 22MF X5R 2012
C213	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C214	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C215	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C216	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C217	1-116-713-11 s	CAP, CERAMIC 22MF X5R 2012
C218	1-116-713-11 s	CAP, CERAMIC 22MF X5R 2012
C219	1-116-707-11 s	CAP, CERAMIC 47MF X5R 3216
C220	1-116-704-11 s	CAP, CERAMIC 100MF X5R 3216
C221	1-116-713-11 s	CAP, CERAMIC 22MF X5R 2012
C222	1-116-713-11 s	CAP, CERAMIC 22MF X5R 2012
C223	1-116-707-11 s	CAP, CERAMIC 47MF X5R 3216
C224	1-116-704-11 s	CAP, CERAMIC 100MF X5R 3216
C301	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C302	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C303	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C304	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C305	1-116-704-11 s	CAP, CERAMIC 100MF X5R 3216
C306	1-116-704-11 s	CAP, CERAMIC 100MF X5R 3216
C307	1-116-704-11 s	CAP, CERAMIC 100MF X5R 3216
C308	1-116-704-11 s	CAP, CERAMIC 100MF X5R 3216
C309	1-116-704-11 s	CAP, CERAMIC 100MF X5R 3216
C310	1-116-704-11 s	CAP, CERAMIC 100MF X5R 3216
C311	1-116-704-11 s	CAP, CERAMIC 100MF X5R 3216
C312	1-116-704-11 s	CAP, CERAMIC 100MF X5R 3216
C313	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C314	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C315	1-116-704-11 s	CAP, CERAMIC 100MF X5R 3216
C316	1-116-704-11 s	CAP, CERAMIC 100MF X5R 3216
C317	1-116-704-11 s	CAP, CERAMIC 100MF X5R 3216
C318	1-116-704-11 s	CAP, CERAMIC 100MF X5R 3216
C401	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C402	1-116-704-11 s	CAP, CERAMIC 100MF X5R 3216
C403	1-116-704-11 s	CAP, CERAMIC 100MF X5R 3216
C404	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C405	1-118-035-11 o	CAP, CERAMIC 0.1MF X5R (1005)
C406	1-116-704-11 s	CAP, CERAMIC 100MF X5R 3216
C407	1-116-704-11 s	CAP, CERAMIC 100MF X5R 3216
C408	1-116-704-11 s	CAP, CERAMIC 100MF X5R 3216
C409	1-116-704-11 s	CAP, CERAMIC 100MF X5R 3216
C410	1-116-704-11 s	CAP, CERAMIC 100MF X5R 3216
C411	1-116-704-11 s	CAP, CERAMIC 100MF X5R 3216
C412	1-116-704-11 s	CAP, CERAMIC 100MF X5R 3216

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Ref. No. or Q'ty	Part No.	SP Description
C413	1-116-704-11	s CAP, CERAMIC 100MF X5R 3216
C414	1-116-704-11	s CAP, CERAMIC 100MF X5R 3216
C415	1-116-704-11	s CAP, CERAMIC 100MF X5R 3216
CN1	1-785-207-51	s HOUSING, CONNECTOR 25P
CN2	1-565-953-61	s CONNECTOR, FLEXIBLE 4P
CN3	1-784-650-21	s CONNECTOR 2P
CN5	1-778-650-31	s CONNECTOR, FFC/FPC(ZIF) ST 30P
CN7	1-784-254-21	s CONNECTOR 10P
CN8	1-778-650-31	s CONNECTOR, FFC/FPC(ZIF) ST 30P
CN101	1-778-648-31	s CONNECTOR, FFC/FPC(ZIF) ST 20P
CN201	1-785-125-21	s CONNECTOR 6P
CN202	1-778-648-31	s CONNECTOR, FFC/FPC(ZIF) ST 20P
D1	8-719-024-71	s DIODE 1SS362-TE85L
D2	8-719-024-71	s DIODE 1SS362-TE85L
D3	8-719-024-71	s DIODE 1SS362-TE85L
D4	8-719-024-71	s DIODE 1SS362-TE85L
D5	6-504-027-01	s DI CL-340T-SD-T
D7	6-503-573-01	o DI 1SS400SMGJT2R
D8	6-503-579-01	s DI RB521SM-30GJT2R
D9	6-503-579-01	s DI RB521SM-30GJT2R
D10	6-503-579-01	s DI RB521SM-30GJT2R
D11	6-502-195-01	s DI SML-D12D8WT86SQ
D12	6-501-358-01	s DIODE CL-197HG5-CD-T
D13	6-503-065-01	s DI SML-D13Y8WT86S
D14	6-503-065-01	s DI SML-D13Y8WT86S
D15	6-502-195-01	s DI SML-D12D8WT86SQ
D16	6-501-358-01	s DIODE CL-197HG5-CD-T
D17	6-503-065-01	s DI SML-D13Y8WT86S
D18	6-503-065-01	s DI SML-D13Y8WT86S
D19	8-719-991-01	s DIODE DAP222-TL
D20	8-719-991-01	s DIODE DAP222-TL
D21	8-719-991-01	s DIODE DAP222-TL
D22	8-719-991-01	s DIODE DAP222-TL
D23	6-502-195-01	s DI SML-D12D8WT86SQ
D24	6-503-065-01	s DI SML-D13Y8WT86S
D25	6-503-065-01	s DI SML-D13Y8WT86S
D26	6-503-579-01	s DI RB521SM-30GJT2R
D27	6-502-195-01	s DI SML-D12D8WT86SQ
D28	6-503-065-01	s DI SML-D13Y8WT86S
D29	6-503-065-01	s DI SML-D13Y8WT86S
D31	6-502-195-01	s DI SML-D12D8WT86SQ
D32	6-503-065-01	s DI SML-D13Y8WT86S
D33	6-503-065-01	s DI SML-D13Y8WT86S
D34	6-503-065-01	s DI SML-D13Y8WT86S
D35	6-502-195-01	s DI SML-D12D8WT86SQ
D36	6-503-065-01	s DI SML-D13Y8WT86S
D37	6-503-065-01	s DI SML-D13Y8WT86S
D38	6-503-065-01	s DI SML-D13Y8WT86S
D39	8-719-991-01	s DIODE DAP222-TL
D40	8-719-991-01	s DIODE DAP222-TL
D41	8-719-991-01	s DIODE DAP222-TL
D42	8-719-991-01	s DIODE DAP222-TL
D43	6-501-358-01	s DIODE CL-197HG5-CD-T
D44	6-503-065-01	s DI SML-D13Y8WT86S
D45	6-503-065-01	s DI SML-D13Y8WT86S
D46	6-503-065-01	s DI SML-D13Y8WT86S
D47	6-501-358-01	s DIODE CL-197HG5-CD-T
D48	6-503-065-01	s DI SML-D13Y8WT86S

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Ref. No. or Q'ty	Part No.	SP Description
D49	6-503-065-01	s DI SML-D13Y8WT86S
D50	6-503-065-01	s DI SML-D13Y8WT86S
D51	6-503-065-01	s DI SML-D13Y8WT86S
D52	6-502-193-01	s DI SML-D12V8WT86SN
D53	6-503-065-01	s DI SML-D13Y8WT86S
D54	6-503-065-01	s DI SML-D13Y8WT86S
D55	6-503-065-01	s DI SML-D13Y8WT86S
D56	6-502-193-01	s DI SML-D12V8WT86SN
D57	6-503-065-01	s DI SML-D13Y8WT86S
D58	6-503-065-01	s DI SML-D13Y8WT86S
D59	8-719-991-01	s DIODE DAP222-TL
D60	8-719-991-01	s DIODE DAP222-TL
D61	8-719-991-01	s DIODE DAP222-TL
D62	8-719-991-01	s DIODE DAP222-TL
D63	6-503-065-01	s DI SML-D13Y8WT86S
D64	6-502-193-01	s DI SML-D12V8WT86SN
D65	6-503-065-01	s DI SML-D13Y8WT86S
D66	6-503-065-01	s DI SML-D13Y8WT86S
D67	6-503-065-01	s DI SML-D13Y8WT86S
D68	6-502-193-01	s DI SML-D12V8WT86SN
D69	6-503-065-01	s DI SML-D13Y8WT86S
D70	6-503-065-01	s DI SML-D13Y8WT86S
D71	6-503-065-01	s DI SML-D13Y8WT86S
D72	6-502-193-01	s DI SML-D12V8WT86SN
D73	6-503-065-01	s DI SML-D13Y8WT86S
D74	6-503-065-01	s DI SML-D13Y8WT86S
D75	6-503-065-01	s DI SML-D13Y8WT86S
D76	6-502-193-01	s DI SML-D12V8WT86SN
D77	6-503-065-01	s DI SML-D13Y8WT86S
D78	6-503-065-01	s DI SML-D13Y8WT86S
D79	8-719-991-01	s DIODE DAP222-TL
D80	8-719-991-01	s DIODE DAP222-TL
D81	8-719-991-01	s DIODE DAP222-TL
D82	8-719-991-01	s DIODE DAP222-TL
D83	6-503-065-01	s DI SML-D13Y8WT86S
D84	6-503-065-01	s DI SML-D13Y8WT86S
D85	6-503-065-01	s DI SML-D13Y8WT86S
D86	6-503-065-01	s DI SML-D13Y8WT86S
D87	6-503-065-01	s DI SML-D13Y8WT86S
D88	6-504-027-01	s DI CL-340T-SD-T
D89	6-503-065-01	s DI SML-D13Y8WT86S
D90	6-503-065-01	s DI SML-D13Y8WT86S
D91	6-503-065-01	s DI SML-D13Y8WT86S
D92	8-719-991-01	s DIODE DAP222-TL
D93	8-719-991-01	s DIODE DAP222-TL
D94	8-719-991-01	s DIODE DAP222-TL
D95	6-503-065-01	s DI SML-D13Y8WT86S
D96	6-503-065-01	s DI SML-D13Y8WT86S
D97	6-501-358-01	s DIODE CL-197HG5-CD-T
D98	6-504-027-01	s DI CL-340T-SD-T
D99	6-503-065-01	s DI SML-D13Y8WT86S
D100	6-503-065-01	s DI SML-D13Y8WT86S
D101	6-501-358-01	s DIODE CL-197HG5-CD-T
D102	6-503-065-01	s DI SML-D13Y8WT86S
D103	6-503-065-01	s DI SML-D13Y8WT86S
D104	6-503-065-01	s DI SML-D13Y8WT86S
D105	6-504-027-01	s DI CL-340T-SD-T
D106	6-503-065-01	s DI SML-D13Y8WT86S
D107	6-503-065-01	s DI SML-D13Y8WT86S

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Ref. No. or Q'ty	Part No.	SP	Description
D108	6-503-065-01	s DI	SML-D13Y8WT86S
D109	8-719-991-01	s DIODE	DAP222-TL
D110	8-719-991-01	s DIODE	DAP222-TL
D111	8-719-991-01	s DIODE	DAP222-TL
D112	6-503-065-01	s DI	SML-D13Y8WT86S
D113	6-503-065-01	s DI	SML-D13Y8WT86S
D114	6-503-065-01	s DI	SML-D13Y8WT86S
D115	6-503-065-01	s DI	SML-D13Y8WT86S
D116	6-503-065-01	s DI	SML-D13Y8WT86S
D117	6-503-065-01	s DI	SML-D13Y8WT86S
D118	6-503-065-01	s DI	SML-D13Y8WT86S
D119	6-503-065-01	s DI	SML-D13Y8WT86S
D120	6-503-065-01	s DI	SML-D13Y8WT86S
D121	6-503-065-01	s DI	SML-D13Y8WT86S
D122	6-503-065-01	s DI	SML-D13Y8WT86S
D123	6-503-065-01	s DI	SML-D13Y8WT86S
D124	6-503-065-01	s DI	SML-D13Y8WT86S
D125	6-503-065-01	s DI	SML-D13Y8WT86S
D126	8-719-991-01	s DIODE	DAP222-TL
D127	8-719-991-01	s DIODE	DAP222-TL
D128	8-719-991-01	s DIODE	DAP222-TL
D129	6-503-065-01	s DI	SML-D13Y8WT86S
D130	6-503-065-01	s DI	SML-D13Y8WT86S
D131	6-501-358-01	s DIODE	CL-197HG5-CD-T
D132	6-503-065-01	s DI	SML-D13Y8WT86S
D133	6-503-065-01	s DI	SML-D13Y8WT86S
D134	6-501-358-01	s DIODE	CL-197HG5-CD-T
D135	6-502-193-01	s DI	SML-D12V8WT86SN
D136	6-503-065-01	s DI	SML-D13Y8WT86S
D137	6-502-193-01	s DI	SML-D12V8WT86SN
D138	6-502-193-01	s DI	SML-D12V8WT86SN
D139	6-503-065-01	s DI	SML-D13Y8WT86S
D140	6-502-193-01	s DI	SML-D12V8WT86SN
D141	8-719-991-01	s DIODE	DAP222-TL
D142	8-719-991-01	s DIODE	DAP222-TL
D143	8-719-991-01	s DIODE	DAP222-TL
D144	6-503-065-01	s DI	SML-D13Y8WT86S
D145	6-503-065-01	s DI	SML-D13Y8WT86S
D146	6-600-680-01	s PHOTO	DIODE BH1690FVC-TR
D301	6-503-065-01	s DI	SML-D13Y8WT86S
D302	6-501-358-01	s DIODE	CL-197HG5-CD-T
D303	6-501-358-01	s DIODE	CL-197HG5-CD-T
D304	6-501-358-01	s DIODE	CL-197HG5-CD-T
D305	6-503-065-01	s DI	SML-D13Y8WT86S
D306	6-504-027-01	s DI	CL-340T-SD-T
D307	6-503-065-01	s DI	SML-D13Y8WT86S
D308	6-501-358-01	s DIODE	CL-197HG5-CD-T
D309	6-501-358-01	s DIODE	CL-197HG5-CD-T
D310	6-503-065-01	s DI	SML-D13Y8WT86S
D311	6-504-027-01	s DI	CL-340T-SD-T
D312	6-503-065-01	s DI	SML-D13Y8WT86S
D313	6-501-358-01	s DIODE	CL-197HG5-CD-T
D314	6-501-358-01	s DIODE	CL-197HG5-CD-T
D315	6-503-065-01	s DI	SML-D13Y8WT86S
D316	6-503-065-01	s DI	SML-D13Y8WT86S
D317	6-501-358-01	s DIODE	CL-197HG5-CD-T
D318	6-501-358-01	s DIODE	CL-197HG5-CD-T
D319	6-501-358-01	s DIODE	CL-197HG5-CD-T
D320	6-501-358-01	s DIODE	CL-197HG5-CD-T

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Ref. No. or Q'ty	Part No.	SP	Description
D321	6-501-358-01	s DIODE	CL-197HG5-CD-T
D322	6-501-358-01	s DIODE	CL-197HG5-CD-T
D323	6-501-358-01	s DIODE	CL-197HG5-CD-T
D324	6-501-358-01	s DIODE	CL-197HG5-CD-T
D325	6-501-358-01	s DIODE	CL-197HG5-CD-T
D326	6-501-358-01	s DIODE	CL-197HG5-CD-T
D401	6-502-352-01	s DI	SML-522MU8WT86PQ
D402	6-502-352-01	s DI	SML-522MU8WT86PQ
D403	6-502-352-01	s DI	SML-522MU8WT86PQ
D404	6-502-352-01	s DI	SML-522MU8WT86PQ
D405	6-502-352-01	s DI	SML-522MU8WT86PQ
D406	6-502-352-01	s DI	SML-522MU8WT86PQ
D407	6-502-352-01	s DI	SML-522MU8WT86PQ
D408	6-502-352-01	s DI	SML-522MU8WT86PQ
D409	6-502-352-01	s DI	SML-522MU8WT86PQ
D410	6-502-352-01	s DI	SML-522MU8WT86PQ
D411	6-502-352-01	s DI	SML-522MU8WT86PQ
D412	6-502-352-01	s DI	SML-522MU8WT86PQ
D413	6-502-352-01	s DI	SML-522MU8WT86PQ
D414	6-502-352-01	s DI	SML-522MU8WT86PQ
D415	6-502-352-01	s DI	SML-522MU8WT86PQ
D416	6-502-352-01	s DI	SML-522MU8WT86PQ
D417	6-502-352-01	s DI	SML-522MU8WT86PQ
D418	6-502-352-01	s DI	SML-522MU8WT86PQ
D419	6-502-352-01	s DI	SML-522MU8WT86PQ
D420	6-502-352-01	s DI	SML-522MU8WT86PQ
D421	6-502-352-01	s DI	SML-522MU8WT86PQ
D422	6-502-352-01	s DI	SML-522MU8WT86PQ
D423	6-502-352-01	s DI	SML-522MU8WT86PQ
D424	6-502-352-01	s DI	SML-522MU8WT86PQ
D425	6-502-352-01	s DI	SML-522MU8WT86PQ
D426	6-502-352-01	s DI	SML-522MU8WT86PQ
D427	6-502-352-01	s DI	SML-522MU8WT86PQ
D428	6-502-352-01	s DI	SML-522MU8WT86PQ
D429	6-502-352-01	s DI	SML-522MU8WT86PQ
D430	6-502-352-01	s DI	SML-522MU8WT86PQ
D431	6-502-352-01	s DI	SML-522MU8WT86PQ
D432	6-502-352-01	s DI	SML-522MU8WT86PQ
D433	6-502-352-01	s DI	SML-522MU8WT86PQ
D434	6-502-352-01	s DI	SML-522MU8WT86PQ
D435	6-502-352-01	s DI	SML-522MU8WT86PQ
D436	6-502-352-01	s DI	SML-522MU8WT86PQ
D437	6-502-352-01	s DI	SML-522MU8WT86PQ
D438	6-502-352-01	s DI	SML-522MU8WT86PQ
D439	6-502-352-01	s DI	SML-522MU8WT86PQ
D440	6-502-352-01	s DI	SML-522MU8WT86PQ
D441	6-502-352-01	s DI	SML-522MU8WT86PQ
D442	6-502-352-01	s DI	SML-522MU8WT86PQ
D443	6-502-352-01	s DI	SML-522MU8WT86PQ
D444	6-502-352-01	s DI	SML-522MU8WT86PQ
D445	6-502-352-01	s DI	SML-522MU8WT86PQ
D446	6-502-352-01	s DI	SML-522MU8WT86PQ
D447	6-502-352-01	s DI	SML-522MU8WT86PQ
D448	6-502-352-01	s DI	SML-522MU8WT86PQ
D449	6-502-352-01	s DI	SML-522MU8WT86PQ
D450	6-502-352-01	s DI	SML-522MU8WT86PQ
D451	6-502-352-01	s DI	SML-522MU8WT86PQ
D452	6-502-352-01	s DI	SML-522MU8WT86PQ
D453	6-502-352-01	s DI	SML-522MU8WT86PQ

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Ref. No. or Q'ty	Part No.	SP Description
D454	6-502-352-01	s DI SML-522MU8WT86PQ
D455	6-502-352-01	s DI SML-522MU8WT86PQ
D456	6-502-352-01	s DI SML-522MU8WT86PQ
D457	6-502-352-01	s DI SML-522MU8WT86PQ
D458	6-502-352-01	s DI SML-522MU8WT86PQ
D459	6-502-352-01	s DI SML-522MU8WT86PQ
D460	6-502-352-01	s DI SML-522MU8WT86PQ
D461	6-502-352-01	s DI SML-522MU8WT86PQ
D462	6-502-352-01	s DI SML-522MU8WT86PQ
D463	6-502-352-01	s DI SML-522MU8WT86PQ
D464	6-502-352-01	s DI SML-522MU8WT86PQ
EN1	1-480-630-11	s ENCODER, ROTARY
FB1	1-414-864-21	s FERRITE, EMI (SMD) (1608)
FB2	1-400-462-21	s FERRITE, EMI (SMD) (1005)
FB3	1-400-462-21	s FERRITE, EMI (SMD) (1005)
FB4	1-414-864-21	s FERRITE, EMI (SMD) (1608)
FB5	1-414-864-21	s FERRITE, EMI (SMD) (1608)
FB6	1-414-864-21	s FERRITE, EMI (SMD) (1608)
FB7	1-414-864-21	s FERRITE, EMI (SMD) (1608)
FB8	1-400-462-21	s FERRITE, EMI (SMD) (1005)
FB9	1-400-462-21	s FERRITE, EMI (SMD) (1005)
FB24	1-400-462-21	s FERRITE, EMI (SMD) (1005)
FB25	1-400-462-21	s FERRITE, EMI (SMD) (1005)
FB26	1-400-462-21	s FERRITE, EMI (SMD) (1005)
FB27	1-400-462-21	s FERRITE, EMI (SMD) (1005)
FB28	1-400-462-21	s FERRITE, EMI (SMD) (1005)
FB29	1-400-462-21	s FERRITE, EMI (SMD) (1005)
FB30	1-400-462-21	s FERRITE, EMI (SMD) (1005)
FB31	1-400-462-21	s FERRITE, EMI (SMD) (1005)
FB104	1-400-462-21	s FERRITE, EMI (SMD) (1005)
FB106	1-414-864-21	s FERRITE, EMI (SMD) (1608)
FB107	1-414-864-21	s FERRITE, EMI (SMD) (1608)
FB108	1-414-864-21	s FERRITE, EMI (SMD) (1608)
FB109	1-400-462-21	s FERRITE, EMI (SMD) (1005)
FB110	1-400-462-21	s FERRITE, EMI (SMD) (1005)
FB111	1-414-864-21	s FERRITE, EMI (SMD) (1608)
FB112	1-414-864-21	s FERRITE, EMI (SMD) (1608)
FB113	1-414-864-21	s FERRITE, EMI (SMD) (1608)
FB114	1-414-864-21	s FERRITE, EMI (SMD) (1608)
FB115	1-414-864-21	s FERRITE, EMI (SMD) (1608)
FB201	1-414-864-21	s FERRITE, EMI (SMD) (1608)
FB202	1-414-864-21	s FERRITE, EMI (SMD) (1608)
IC2	6-722-217-01	s IC 74LCX74FT
IC3	6-702-879-01	s IC R3112N281A-TR-FE
IC6	6-722-607-01	s IC TC7WH08FK,RSNJ(CT
IC7	6-722-610-01	s IC TC7WH14FK,RSNJ(CT
IC101	6-722-244-01	s IC 74VHC238FT
IC103	6-722-207-01	s IC 74LCX244FT
IC104	6-722-244-01	s IC 74VHC238FT
IC105	6-722-244-01	s IC 74VHC238FT
IC106	6-723-326-01	s IC YMF825-EZE2
IC109	6-707-702-01	s IC NJM2746RB1(TE2)
IC110	6-707-702-01	s IC NJM2746RB1(TE2)
IC111	6-704-262-01	s IC LT3465ES6#TR
IC116	6-706-488-01	s IC TC7SH14FU
IC117	6-712-135-01	o IC R1173H001D-T1-FE
IC121	6-710-532-01	s IC NJM2878F4-25(TE2)

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Ref. No. or Q'ty	Part No.	SP Description
IC201	6-722-215-01	s IC 74LCX573FT
IC202	6-722-215-01	s IC 74LCX573FT
IC203	6-722-215-01	s IC 74LCX573FT
IC204	6-722-215-01	s IC 74LCX573FT
IC205	6-722-215-01	s IC 74LCX573FT
IC206	6-722-215-01	s IC 74LCX573FT
IC207	6-722-215-01	s IC 74LCX573FT
IC208	6-722-215-01	s IC 74LCX573FT
IC301	6-722-215-01	s IC 74LCX573FT
IC302	6-722-215-01	s IC 74LCX573FT
IC303	6-722-215-01	s IC 74LCX573FT
IC304	6-722-215-01	s IC 74LCX573FT
IC305	6-722-215-01	s IC 74LCX573FT
IC306	6-722-215-01	s IC 74LCX573FT
IC401	6-722-244-01	s IC 74VHC238FT
IC402	6-722-244-01	s IC 74VHC238FT
IC403	6-722-280-01	s IC 74VHCT138AFT
L102	1-481-526-11	s INDUCTOR 22UH
L111	1-400-788-21	s INDUCTOR, CHIP 1.0UH (2518)
L112	1-460-378-11	s COIL, CHOKE 100UH
ND401	6-503-067-03	s DI LF-3011MKN
ND402	6-503-067-03	s DI LF-3011MKN
ND403	6-503-067-03	s DI LF-3011MKN
ND404	6-503-067-03	s DI LF-3011MKN
ND405	6-503-067-03	s DI LF-3011MKN
ND406	6-503-067-03	s DI LF-3011MKN
ND407	6-503-067-03	s DI LF-3011MKN
ND408	6-503-067-03	s DI LF-3011MKN
ND409	6-503-067-03	s DI LF-3011MKN
ND410	6-503-067-03	s DI LF-3011MKN
ND411	6-503-067-03	s DI LF-3011MKN
ND412	6-503-067-03	s DI LF-3011MKN
ND413	6-503-067-03	s DI LF-3011MKN
ND414	6-503-067-03	s DI LF-3011MKN
Q1	6-552-897-01	s TR DTA023JEBTL
Q2	6-552-897-01	s TR DTA023JEBTL
Q3	6-552-897-01	s TR DTA023JEBTL
Q101	6-552-910-01	s TR DTC023JEBTL
Q102	6-552-910-01	s TR DTC023JEBTL
Q103	8-729-050-32	s TRANSISTOR 2SC5585TL
Q201	6-552-910-01	s TR DTC023JEBTL
Q202	6-552-910-01	s TR DTC023JEBTL
Q203	6-552-910-01	s TR DTC023JEBTL
Q204	6-552-910-01	s TR DTC023JEBTL
Q205	6-552-910-01	s TR DTC023JEBTL
Q206	6-552-910-01	s TR DTC023JEBTL
Q207	6-552-910-01	s TR DTC023JEBTL
Q209	6-552-910-01	s TR DTC023JEBTL
Q210	6-552-910-01	s TR DTC023JEBTL
Q211	6-552-910-01	s TR DTC023JEBTL
Q212	6-552-910-01	s TR DTC023JEBTL
Q213	6-552-910-01	s TR DTC023JEBTL
Q214	6-552-910-01	s TR DTC023JEBTL
Q215	6-552-910-01	s TR DTC023JEBTL
Q216	6-552-910-01	s TR DTC023JEBTL
Q217	6-552-910-01	s TR DTC023JEBTL
Q218	6-552-910-01	s TR DTC023JEBTL
Q219	6-552-910-01	s TR DTC023JEBTL

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Ref. No. or Q'ty	Part No.	SP	Description
Q320	6-552-910-01	s TR	DTC023JEBTL
Q321	6-552-910-01	s TR	DTC023JEBTL
Q322	6-552-910-01	s TR	DTC023JEBTL
Q323	6-552-910-01	s TR	DTC023JEBTL
Q324	6-552-910-01	s TR	DTC023JEBTL
Q325	6-552-910-01	s TR	DTC023JEBTL
Q326	6-552-910-01	s TR	DTC023JEBTL
Q327	6-552-910-01	s TR	DTC023JEBTL
Q328	6-552-910-01	s TR	DTC023JEBTL
Q329	6-552-910-01	s TR	DTC023JEBTL
Q330	6-552-910-01	s TR	DTC023JEBTL
Q331	6-552-910-01	s TR	DTC023JEBTL
Q332	6-552-910-01	s TR	DTC023JEBTL
Q333	6-552-910-01	s TR	DTC023JEBTL
Q334	6-552-910-01	s TR	DTC023JEBTL
Q335	6-552-910-01	s TR	DTC023JEBTL
Q336	6-552-910-01	s TR	DTC023JEBTL
Q337	6-552-910-01	s TR	DTC023JEBTL
Q338	6-552-910-01	s TR	DTC023JEBTL
Q339	6-552-910-01	s TR	DTC023JEBTL
Q340	6-552-910-01	s TR	DTC023JEBTL
Q341	6-552-910-01	s TR	DTC023JEBTL
Q342	6-552-910-01	s TR	DTC023JEBTL
Q343	6-552-910-01	s TR	DTC023JEBTL
Q344	6-552-910-01	s TR	DTC023JEBTL
Q401	6-552-910-01	s TR	DTC023JEBTL
Q402	6-552-897-01	s TR	DTA023JEBTL
Q403	6-552-910-01	s TR	DTC023JEBTL
Q404	6-552-897-01	s TR	DTA023JEBTL
Q405	6-552-910-01	s TR	DTC023JEBTL
Q406	6-552-897-01	s TR	DTA023JEBTL
Q407	6-552-910-01	s TR	DTC023JEBTL
Q408	6-552-897-01	s TR	DTA023JEBTL
Q409	6-552-910-01	s TR	DTC023JEBTL
Q410	6-552-897-01	s TR	DTA023JEBTL
Q411	6-552-214-01	o TR	RW1C020UNFU7T2R
Q412	6-552-910-01	s TR	DTC023JEBTL
Q413	6-552-214-01	o TR	RW1C020UNFU7T2R
Q414	6-552-897-01	s TR	DTA023JEBTL
Q415	6-552-214-01	o TR	RW1C020UNFU7T2R
Q416	6-552-910-01	s TR	DTC023JEBTL
Q417	6-552-214-01	o TR	RW1C020UNFU7T2R
Q418	6-552-897-01	s TR	DTA023JEBTL
Q419	6-552-214-01	o TR	RW1C020UNFU7T2R
Q420	6-552-910-01	s TR	DTC023JEBTL
Q421	6-552-214-01	o TR	RW1C020UNFU7T2R
Q422	6-552-897-01	s TR	DTA023JEBTL
Q423	6-552-214-01	o TR	RW1C020UNFU7T2R
Q424	6-552-214-01	o TR	RW1C020UNFU7T2R
Q425	6-552-214-01	o TR	RW1C020UNFU7T2R
Q426	6-552-214-01	o TR	RW1C020UNFU7T2R
Q427	6-552-214-01	o TR	RW1C020UNFU7T2R
Q428	6-552-214-01	o TR	RW1C020UNFU7T2R
Q429	6-552-214-01	o TR	RW1C020UNFU7T2R
Q430	6-552-214-01	o TR	RW1C020UNFU7T2R
Q431	6-552-910-01	s TR	DTC023JEBTL
Q432	6-552-910-01	s TR	DTC023JEBTL
Q433	6-552-910-01	s TR	DTC023JEBTL
Q434	6-552-910-01	s TR	DTC023JEBTL

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Ref. No. or Q'ty	Part No.	SP Description
Q435	6-552-910-01	s TR DTC023JEBTL
Q436	6-552-874-01	s TR RW1C025ZPT2CR
Q437	6-552-910-01	s TR DTC023JEBTL
Q438	6-552-874-01	s TR RW1C025ZPT2CR
Q439	6-552-910-01	s TR DTC023JEBTL
Q440	6-552-874-01	s TR RW1C025ZPT2CR
Q441	6-552-874-01	s TR RW1C025ZPT2CR
Q442	6-552-910-01	s TR DTC023JEBTL
Q443	6-552-874-01	s TR RW1C025ZPT2CR
Q444	6-552-910-01	s TR DTC023JEBTL
Q445	6-552-874-01	s TR RW1C025ZPT2CR
Q446	6-552-910-01	s TR DTC023JEBTL
Q447	6-552-874-01	s TR RW1C025ZPT2CR
Q448	6-552-874-01	s TR RW1C025ZPT2CR
Q449	6-552-910-01	s TR DTC023JEBTL
Q450	6-552-910-01	s TR DTC023JEBTL
Q451	6-552-910-01	s TR DTC023JEBTL
Q452	6-552-910-01	s TR DTC023JEBTL
Q453	6-552-910-01	s TR DTC023JEBTL
Q454	6-552-910-01	s TR DTC023JEBTL
R1	1-208-935-81	s RES, CHIP 100K (1005)
R2	1-220-870-81	s RES, CHIP 10 (1005)
R3	1-220-870-81	s RES, CHIP 10 (1005)
R4	1-220-870-81	s RES, CHIP 10 (1005)
R5	1-220-870-81	s RES, CHIP 10 (1005)
R6	1-220-870-81	s RES, CHIP 10 (1005)
R7	1-220-870-81	s RES, CHIP 10 (1005)
R8	1-220-870-81	s RES, CHIP 10 (1005)
R9	1-208-935-81	s RES, CHIP 100K (1005)
R10	1-208-935-81	s RES, CHIP 100K (1005)
R11	1-208-863-81	s RES, CHIP 100 (1005)
R12	1-208-863-81	s RES, CHIP 100 (1005)
R13	1-208-887-81	s RES, CHIP 1.0K (1005)
R14	1-208-887-81	s RES, CHIP 1.0K (1005)
R15	1-208-911-81	s RES, CHIP 10K (1005)
R16	1-208-887-81	s RES, CHIP 1.0K (1005)
R17	1-208-911-81	s RES, CHIP 10K (1005)
R18	1-208-863-81	s RES, CHIP 100 (1005)
R19	1-208-887-81	s RES, CHIP 1.0K (1005)
R20	1-208-887-81	s RES, CHIP 1.0K (1005)
R21	1-208-875-81	s RES, CHIP 330 (1005)
R22	1-208-855-81	s RES, CHIP 47 (1005)
R23	1-220-870-81	s RES, CHIP 10 (1005)
R24	1-208-887-81	s RES, CHIP 1.0K (1005)
R26	1-220-870-81	s RES, CHIP 10 (1005)
R27	1-208-911-81	s RES, CHIP 10K (1005)
R28	1-208-911-81	s RES, CHIP 10K (1005)
R29	1-208-911-81	s RES, CHIP 10K (1005)
R30	1-208-887-81	s RES, CHIP 1.0K (1005)
R31	1-208-911-81	s RES, CHIP 10K (1005)
R32	1-208-911-81	s RES, CHIP 10K (1005)
R33	1-208-911-81	s RES, CHIP 10K (1005)
R34	1-208-911-81	s RES, CHIP 10K (1005)
R35	1-208-911-81	s RES, CHIP 10K (1005)
R36	1-218-990-81	s CONDUCTOR, CHIP (1005)
R37	1-218-990-81	s CONDUCTOR, CHIP (1005)
R40	1-218-990-81	s CONDUCTOR, CHIP (1005)
R43	1-218-990-81	s CONDUCTOR, CHIP (1005)
R44	1-208-887-81	s RES, CHIP 1.0K (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R45	1-208-887-81	s RES, CHIP 1.0K (1005)
R46	1-208-887-81	s RES, CHIP 1.0K (1005)
R48	1-208-887-81	s RES, CHIP 1.0K (1005)
R49	1-220-870-81	s RES, CHIP 10 (1005)
R50	1-220-870-81	s RES, CHIP 10 (1005)
R51	1-220-870-81	s RES, CHIP 10 (1005)
R52	1-220-870-81	s RES, CHIP 10 (1005)
R53	1-220-870-81	s RES, CHIP 10 (1005)
R54	1-220-870-81	s RES, CHIP 10 (1005)
R55	1-208-899-81	s RES, CHIP 3.3K (1005)
R56	1-208-911-81	s RES, CHIP 10K (1005)
R58	1-208-887-81	s RES, CHIP 1.0K (1005)
R60	1-208-887-81	s RES, CHIP 1.0K (1005)
R62	1-220-870-81	s RES, CHIP 10 (1005)
R63	1-208-911-81	s RES, CHIP 10K (1005)
R70	1-220-878-81	s RES, CHIP 22 (1005)
R71	1-220-878-81	s RES, CHIP 22 (1005)
R72	1-220-878-81	s RES, CHIP 22 (1005)
R73	1-220-878-81	s RES, CHIP 22 (1005)
R74	1-220-878-81	s RES, CHIP 22 (1005)
R75	1-220-878-81	s RES, CHIP 22 (1005)
R76	1-220-878-81	s RES, CHIP 22 (1005)
R77	1-220-878-81	s RES, CHIP 22 (1005)
R78	1-220-878-81	s RES, CHIP 22 (1005)
R79	1-220-878-81	s RES, CHIP 22 (1005)
R80	1-220-878-81	s RES, CHIP 22 (1005)
R81	1-220-878-81	s RES, CHIP 22 (1005)
R82	1-220-878-81	s RES, CHIP 22 (1005)
R83	1-220-878-81	s RES, CHIP 22 (1005)
R84	1-208-863-81	s RES, CHIP 100 (1005)
R85	1-208-863-81	s RES, CHIP 100 (1005)
R92	1-208-939-81	s RES, CHIP 150K (1005)
R93	1-208-947-81	s RES, CHIP 330K (1005)
R94	1-208-955-81	s RES, CHIP 680K (1005)
R95	1-208-871-81	s RES, CHIP 220 (1005)
R102	1-211-969-91	s RES, CHIP 10 (1608)
R103	1-208-863-81	s RES, CHIP 100 (1005)
R104	1-208-863-81	s RES, CHIP 100 (1005)
R105	1-208-863-81	s RES, CHIP 100 (1005)
R106	1-208-863-81	s RES, CHIP 100 (1005)
R107	1-218-990-81	s CONDUCTOR, CHIP (1005)
R108	1-218-990-81	s CONDUCTOR, CHIP (1005)
R109	1-218-990-81	s CONDUCTOR, CHIP (1005)
R110	1-218-990-81	s CONDUCTOR, CHIP (1005)
R111	1-208-927-81	s RES, CHIP 47K (1005)
R112	1-208-863-81	s RES, CHIP 100 (1005)
R115	1-208-863-81	s RES, CHIP 100 (1005)
R118	1-208-911-81	s RES, CHIP 10K (1005)
R119	1-208-911-81	s RES, CHIP 10K (1005)
R120	1-208-855-81	s RES, CHIP 47 (1005)
R121	1-220-878-81	s RES, CHIP 22 (1005)
R122	1-208-863-81	s RES, CHIP 100 (1005)
R123	1-208-863-81	s RES, CHIP 100 (1005)
R124	1-208-863-81	s RES, CHIP 100 (1005)
R125	1-208-863-81	s RES, CHIP 100 (1005)
R126	1-208-863-81	s RES, CHIP 100 (1005)
R127	1-208-863-81	s RES, CHIP 100 (1005)
R128	1-208-863-81	s RES, CHIP 100 (1005)
R129	1-208-863-81	s RES, CHIP 100 (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R130	1-208-911-81 s	RES, CHIP 10K (1005)
R131	1-208-923-81 s	RES, CHIP 33K (1005)
R132	1-208-911-81 s	RES, CHIP 10K (1005)
R133	1-208-935-81 s	RES, CHIP 100K (1005)
R134	1-208-935-81 s	RES, CHIP 100K (1005)
R135	1-208-863-81 s	RES, CHIP 100 (1005)
R136	1-208-899-81 s	RES, CHIP 3.3K (1005)
R140	1-208-911-81 s	RES, CHIP 10K (1005)
R143	1-208-895-81 s	RES, CHIP 2.2K (1005)
R146	1-208-911-81 s	RES, CHIP 10K (1005)
R147	1-208-855-81 s	RES, CHIP 47 (1005)
R148	1-208-911-81 s	RES, CHIP 10K (1005)
R149	1-208-855-81 s	RES, CHIP 47 (1005)
R150	1-208-855-81 s	RES, CHIP 47 (1005)
R151	1-208-855-81 s	RES, CHIP 47 (1005)
R152	1-208-855-81 s	RES, CHIP 47 (1005)
R153	1-208-855-81 s	RES, CHIP 47 (1005)
R154	1-208-855-81 s	RES, CHIP 47 (1005)
R155	1-208-855-81 s	RES, CHIP 47 (1005)
R156	1-208-855-81 s	RES, CHIP 47 (1005)
R157	1-208-855-81 s	RES, CHIP 47 (1005)
R158	1-208-855-81 s	RES, CHIP 47 (1005)
R162	1-208-863-81 s	RES, CHIP 100 (1005)
R163	1-208-855-81 s	RES, CHIP 47 (1005)
R164	1-208-855-81 s	RES, CHIP 47 (1005)
R165	1-208-855-81 s	RES, CHIP 47 (1005)
R166	1-208-855-81 s	RES, CHIP 47 (1005)
R167	1-208-935-81 s	RES, CHIP 100K (1005)
R169	1-208-935-81 s	RES, CHIP 100K (1005)
R172	1-208-863-81 s	RES, CHIP 100 (1005)
R173	1-208-863-81 s	RES, CHIP 100 (1005)
R174	1-208-911-81 s	RES, CHIP 10K (1005)
R175	1-208-911-81 s	RES, CHIP 10K (1005)
R176	1-208-863-81 s	RES, CHIP 100 (1005)
R177	1-208-911-81 s	RES, CHIP 10K (1005)
R178	1-208-911-81 s	RES, CHIP 10K (1005)
R180	1-208-855-81 s	RES, CHIP 47 (1005)
R181	1-208-855-81 s	RES, CHIP 47 (1005)
R182	1-208-855-81 s	RES, CHIP 47 (1005)
R183	1-208-855-81 s	RES, CHIP 47 (1005)
R184	1-208-855-81 s	RES, CHIP 47 (1005)
R185	1-208-855-81 s	RES, CHIP 47 (1005)
R186	1-208-855-81 s	RES, CHIP 47 (1005)
R187	1-208-855-81 s	RES, CHIP 47 (1005)
R188	1-208-863-81 s	RES, CHIP 100 (1005)
R189	1-208-863-81 s	RES, CHIP 100 (1005)
R190	1-208-863-81 s	RES, CHIP 100 (1005)
R191	1-208-863-81 s	RES, CHIP 100 (1005)
R192	1-208-895-81 s	RES, CHIP 2.2K (1005)
R193	1-208-899-81 s	RES, CHIP 3.3K (1005)
R194	1-208-903-81 s	RES, CHIP 4.7K (1005)
R195	1-208-863-81 s	RES, CHIP 100 (1005)
R196	1-208-863-81 s	RES, CHIP 100 (1005)
R197	1-208-911-81 s	RES, CHIP 10K (1005)
R198	1-208-911-81 s	RES, CHIP 10K (1005)
R201	1-208-879-81 s	RES, CHIP 470 (1005)
R202	1-208-873-81 s	RES, CHIP 270 (1005)
R203	1-208-879-81 s	RES, CHIP 470 (1005)
R204	1-208-881-81 s	RES, CHIP 560 (1005)

(SW-1713 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R205	1-208-879-81 s	RES, CHIP 470 (1005)
R206	1-208-881-81 s	RES, CHIP 560 (1005)
R207	1-208-881-81 s	RES, CHIP 560 (1005)
R209	1-208-879-81 s	RES, CHIP 470 (1005)
R210	1-208-881-81 s	RES, CHIP 560 (1005)
R211	1-208-881-81 s	RES, CHIP 560 (1005)
R212	1-208-881-81 s	RES, CHIP 560 (1005)
R213	1-208-873-81 s	RES, CHIP 270 (1005)
R214	1-208-881-81 s	RES, CHIP 560 (1005)
R215	1-208-881-81 s	RES, CHIP 560 (1005)
R216	1-208-881-81 s	RES, CHIP 560 (1005)
R217	1-208-881-81 s	RES, CHIP 560 (1005)
R218	1-208-877-81 s	RES, CHIP 390 (1005)
R219	1-208-881-81 s	RES, CHIP 560 (1005)
R220	1-208-881-81 s	RES, CHIP 560 (1005)
R221	1-208-881-81 s	RES, CHIP 560 (1005)
R222	1-208-877-81 s	RES, CHIP 390 (1005)
R223	1-208-881-81 s	RES, CHIP 560 (1005)
R224	1-208-881-81 s	RES, CHIP 560 (1005)
R225	1-208-881-81 s	RES, CHIP 560 (1005)
R226	1-208-877-81 s	RES, CHIP 390 (1005)
R227	1-208-881-81 s	RES, CHIP 560 (1005)
R228	1-208-881-81 s	RES, CHIP 560 (1005)
R229	1-208-881-81 s	RES, CHIP 560 (1005)
R230	1-208-881-81 s	RES, CHIP 560 (1005)
R231	1-208-881-81 s	RES, CHIP 560 (1005)
R232	1-208-881-81 s	RES, CHIP 560 (1005)
R233	1-208-903-81 s	RES, CHIP 4.7K (1005)
R234	1-208-887-81 s	RES, CHIP 1.0K (1005)
R235	1-208-881-81 s	RES, CHIP 560 (1005)
R236	1-208-881-81 s	RES, CHIP 560 (1005)
R237	1-208-873-81 s	RES, CHIP 270 (1005)
R238	1-208-903-81 s	RES, CHIP 4.7K (1005)
R239	1-208-887-81 s	RES, CHIP 1.0K (1005)
R240	1-208-881-81 s	RES, CHIP 560 (1005)
R241	1-208-881-81 s	RES, CHIP 560 (1005)
R242	1-208-881-81 s	RES, CHIP 560 (1005)
R243	1-208-903-81 s	RES, CHIP 4.7K (1005)
R244	1-208-887-81 s	RES, CHIP 1.0K (1005)
R245	1-208-881-81 s	RES, CHIP 560 (1005)
R246	1-208-881-81 s	RES, CHIP 560 (1005)
R247	1-208-881-81 s	RES, CHIP 560 (1005)
R248	1-208-895-81 s	RES, CHIP 2.2K (1005)
R249	1-208-881-81 s	RES, CHIP 560 (1005)
R250	1-208-881-81 s	RES, CHIP 560 (1005)
R251	1-208-881-81 s	RES, CHIP 560 (1005)
R252	1-208-895-81 s	RES, CHIP 2.2K (1005)
R253	1-208-881-81 s	RES, CHIP 560 (1005)
R254	1-208-881-81 s	RES, CHIP 560 (1005)
R255	1-208-873-81 s	RES, CHIP 270 (1005)
R256	1-208-877-81 s	RES, CHIP 390 (1005)
R257	1-208-881-81 s	RES, CHIP 560 (1005)
R258	1-208-877-81 s	RES, CHIP 390 (1005)
R259	1-208-881-81 s	RES, CHIP 560 (1005)
R301	1-208-895-81 s	RES, CHIP 2.2K (1005)
R302	1-208-895-81 s	RES, CHIP 2.2K (1005)
R303	1-208-907-81 s	RES, CHIP 6.8K (1005)
R304	1-208-907-81 s	RES, CHIP 6.8K (1005)
R305	1-208-895-81 s	RES, CHIP 2.2K (1005)

(SW-1713 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R306	1-208-899-81 s	RES, CHIP 3.3K (1005)
R307	1-208-891-81 s	RES, CHIP 1.5K (1005)
R308	1-208-891-81 s	RES, CHIP 1.5K (1005)
R309	1-208-891-81 s	RES, CHIP 1.5K (1005)
R310	1-208-895-81 s	RES, CHIP 2.2K (1005)
R311	1-208-907-81 s	RES, CHIP 6.8K (1005)
R312	1-208-907-81 s	RES, CHIP 6.8K (1005)
R313	1-208-895-81 s	RES, CHIP 2.2K (1005)
R314	1-208-899-81 s	RES, CHIP 3.3K (1005)
R315	1-208-891-81 s	RES, CHIP 1.5K (1005)
R316	1-208-891-81 s	RES, CHIP 1.5K (1005)
R317	1-208-891-81 s	RES, CHIP 1.5K (1005)
R318	1-208-895-81 s	RES, CHIP 2.2K (1005)
R319	1-208-907-81 s	RES, CHIP 6.8K (1005)
R320	1-208-907-81 s	RES, CHIP 6.8K (1005)
R321	1-208-895-81 s	RES, CHIP 2.2K (1005)
R322	1-208-891-81 s	RES, CHIP 1.5K (1005)
R323	1-208-891-81 s	RES, CHIP 1.5K (1005)
R324	1-208-895-81 s	RES, CHIP 2.2K (1005)
R325	1-208-907-81 s	RES, CHIP 6.8K (1005)
R326	1-208-907-81 s	RES, CHIP 6.8K (1005)
R327	1-208-891-81 s	RES, CHIP 1.5K (1005)
R328	1-208-891-81 s	RES, CHIP 1.5K (1005)
R329	1-208-907-81 s	RES, CHIP 6.8K (1005)
R330	1-208-907-81 s	RES, CHIP 6.8K (1005)
R331	1-208-891-81 s	RES, CHIP 1.5K (1005)
R332	1-208-891-81 s	RES, CHIP 1.5K (1005)
R333	1-208-907-81 s	RES, CHIP 6.8K (1005)
R334	1-208-907-81 s	RES, CHIP 6.8K (1005)
R335	1-208-891-81 s	RES, CHIP 1.5K (1005)
R336	1-208-891-81 s	RES, CHIP 1.5K (1005)
R337	1-208-907-81 s	RES, CHIP 6.8K (1005)
R338	1-208-907-81 s	RES, CHIP 6.8K (1005)
R339	1-208-891-81 s	RES, CHIP 1.5K (1005)
R340	1-208-891-81 s	RES, CHIP 1.5K (1005)
R341	1-208-907-81 s	RES, CHIP 6.8K (1005)
R342	1-208-907-81 s	RES, CHIP 6.8K (1005)
R343	1-208-891-81 s	RES, CHIP 1.5K (1005)
R344	1-208-891-81 s	RES, CHIP 1.5K (1005)
R401	1-211-985-91 s	RES, CHIP 47 (1608)
R402	1-211-985-91 s	RES, CHIP 47 (1608)
R403	1-211-985-91 s	RES, CHIP 47 (1608)
R404	1-211-985-91 s	RES, CHIP 47 (1608)
R405	1-211-985-91 s	RES, CHIP 47 (1608)
R406	1-211-985-91 s	RES, CHIP 47 (1608)
R407	1-211-985-91 s	RES, CHIP 47 (1608)
R408	1-211-985-91 s	RES, CHIP 47 (1608)
R409	1-211-989-91 s	RES, CHIP 68 (1608)
R410	1-211-981-91 s	RES, CHIP 33 (1608)
R411	1-211-989-91 s	RES, CHIP 68 (1608)
R412	1-211-981-91 s	RES, CHIP 33 (1608)
R413	1-211-989-91 s	RES, CHIP 68 (1608)
R414	1-211-981-91 s	RES, CHIP 33 (1608)
R415	1-211-989-91 s	RES, CHIP 68 (1608)
R416	1-211-981-91 s	RES, CHIP 33 (1608)
R417	1-211-989-91 s	RES, CHIP 68 (1608)
R418	1-211-981-91 s	RES, CHIP 33 (1608)
R419	1-211-989-91 s	RES, CHIP 68 (1608)
R420	1-211-981-91 s	RES, CHIP 33 (1608)

(SW-1713 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R421	1-211-989-91 s	RES, CHIP 68 (1608)
R422	1-211-981-91 s	RES, CHIP 33 (1608)
R423	1-211-989-91 s	RES, CHIP 68 (1608)
R424	1-211-981-91 s	RES, CHIP 33 (1608)
R425	1-211-981-91 s	RES, CHIP 33 (1608)
R426	1-211-981-91 s	RES, CHIP 33 (1608)
R427	1-211-981-91 s	RES, CHIP 33 (1608)
R428	1-211-981-91 s	RES, CHIP 33 (1608)
R429	1-211-981-91 s	RES, CHIP 33 (1608)
R430	1-211-981-91 s	RES, CHIP 33 (1608)
R431	1-211-981-91 s	RES, CHIP 33 (1608)
R432	1-211-981-91 s	RES, CHIP 33 (1608)
RB1	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB2	1-234-377-21 s	RES, NETWORK 4.7K (1005X4)
RB3	1-234-377-21 s	RES, NETWORK 4.7K (1005X4)
RB4	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB5	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB6	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB7	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB8	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB9	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB10	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB11	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB12	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB13	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB14	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB15	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB16	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB17	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB18	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB19	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB20	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB22	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB23	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB24	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB25	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB26	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB27	1-234-370-21 s	RES, NETWORK 22 (1005X4)
RB51	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB52	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB53	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB54	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB55	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB101	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB102	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB103	1-234-378-21 s	RES, NETWORK 10K (1005X4)
RB104	1-234-378-21 s	RES, NETWORK 10K (1005X4)
RB105	1-234-378-21 s	RES, NETWORK 10K (1005X4)
RB106	1-234-378-21 s	RES, NETWORK 10K (1005X4)
RB401	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB402	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB403	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB404	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB405	1-234-373-21 s	RES, NETWORK 220 (1005X4)
RB406	1-234-373-21 s	RES, NETWORK 220 (1005X4)
S1	1-798-311-11 s	SWITCH, TACTILE
S2	1-798-311-11 s	SWITCH, TACTILE
S3	1-798-311-11 s	SWITCH, TACTILE

(SW-1713 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
S4	1-798-311-11	s SWITCH, TACTILE
S5	1-798-311-11	s SWITCH, TACTILE
S6	1-798-311-11	s SWITCH, TACTILE
S7	1-798-311-11	s SWITCH, TACTILE
S8	1-798-311-11	s SWITCH, TACTILE
S9	1-798-311-11	s SWITCH, TACTILE
S10	1-798-311-11	s SWITCH, TACTILE
S11	1-798-311-11	s SWITCH, TACTILE
S12	1-798-311-11	s SWITCH, TACTILE
S13	1-798-311-11	s SWITCH, TACTILE
S14	1-798-311-11	s SWITCH, TACTILE
S15	1-798-311-11	s SWITCH, TACTILE
S16	1-798-311-11	s SWITCH, TACTILE
S17	1-798-311-11	s SWITCH, TACTILE
S18	1-798-311-11	s SWITCH, TACTILE
S19	1-798-311-11	s SWITCH, TACTILE
S20	1-798-311-11	s SWITCH, TACTILE
S21	1-798-311-11	s SWITCH, TACTILE
S22	1-798-311-11	s SWITCH, TACTILE
S24	1-798-311-11	s SWITCH, TACTILE
S25	1-798-311-11	s SWITCH, TACTILE
S26	1-798-311-11	s SWITCH, TACTILE
S27	1-798-311-11	s SWITCH, TACTILE
S28	1-798-311-11	s SWITCH, TACTILE
S29	1-798-311-11	s SWITCH, TACTILE
S30	1-798-311-11	s SWITCH, TACTILE
S31	1-798-311-11	s SWITCH, TACTILE
S32	1-798-311-11	s SWITCH, TACTILE
S33	1-798-311-11	s SWITCH, TACTILE
S34	1-798-311-11	s SWITCH, TACTILE
S35	1-798-311-11	s SWITCH, TACTILE
S36	1-798-311-11	s SWITCH, TACTILE
S37	1-798-311-11	s SWITCH, TACTILE
S38	1-798-311-11	s SWITCH, TACTILE
S39	1-798-311-11	s SWITCH, TACTILE
S40	1-798-311-11	s SWITCH, TACTILE
S41	1-798-311-11	s SWITCH, TACTILE
S42	1-798-311-11	s SWITCH, TACTILE
S43	1-798-311-11	s SWITCH, TACTILE
S44	1-798-311-11	s SWITCH, TACTILE
S45	1-798-311-11	s SWITCH, TACTILE
S46	1-798-311-11	s SWITCH, TACTILE
S47	1-798-311-11	s SWITCH, TACTILE
S48	1-798-311-11	s SWITCH, TACTILE
S49	1-798-311-11	s SWITCH, TACTILE
S50	1-798-311-11	s SWITCH, TACTILE
S51	1-798-311-11	s SWITCH, TACTILE
X1	1-814-011-11	s OSCILLATOR, CRYSTAL (33.1776MHZ)

VR-337 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1749-261-A	s MOUNTED CIRCUIT BOARD, BOARD, VR-337
1pc	4-169-752-02	s PLATE VOL (2)
C1	1-114-582-91	o CAP, CERAMIC 0.1MF B 1005
C2	1-114-582-91	o CAP, CERAMIC 0.1MF B 1005
C3	1-114-582-91	o CAP, CERAMIC 0.1MF B 1005
C4	1-114-582-91	o CAP, CERAMIC 0.1MF B 1005
C5	1-114-582-91	o CAP, CERAMIC 0.1MF B 1005
C6	1-114-582-91	o CAP, CERAMIC 0.1MF B 1005
C7	1-114-582-91	o CAP, CERAMIC 0.1MF B 1005
C8	1-114-582-91	o CAP, CERAMIC 0.1MF B 1005
C9	1-114-582-91	o CAP, CERAMIC 0.1MF B 1005
C10	1-114-582-91	o CAP, CERAMIC 0.1MF B 1005
C11	1-114-582-91	o CAP, CERAMIC 0.1MF B 1005
C12	1-165-989-91	s CAP, CERAMIC 10MF (2012)
C13	1-114-582-91	o CAP, CERAMIC 0.1MF B 1005
C14	1-114-582-91	o CAP, CERAMIC 0.1MF B 1005
C15	1-114-582-91	o CAP, CERAMIC 0.1MF B 1005
C16	1-114-582-91	o CAP, CERAMIC 0.1MF B 1005
C17	1-107-819-81	s CAP,CHIP CERAMIC 22000PF B1005
C18	1-107-819-81	s CAP,CHIP CERAMIC 22000PF B1005
C19	1-107-819-81	s CAP,CHIP CERAMIC 22000PF B1005
C20	1-107-819-81	s CAP,CHIP CERAMIC 22000PF B1005
C21	1-107-819-81	s CAP,CHIP CERAMIC 22000PF B1005
C22	1-107-819-81	s CAP,CHIP CERAMIC 22000PF B1005
C23	1-107-819-81	s CAP,CHIP CERAMIC 22000PF B1005
C24	1-107-819-81	s CAP,CHIP CERAMIC 22000PF B1005
C25	1-114-582-91	o CAP, CERAMIC 0.1MF B 1005
C26	1-114-582-91	o CAP, CERAMIC 0.1MF B 1005
CN1	1-784-625-31	s CONNECTOR, FFC/FPC(ZIF) AN 30P
EN1	1-487-772-11	s ENCODER, ROTARY
EN2	1-487-772-11	s ENCODER, ROTARY
EN3	1-487-772-11	s ENCODER, ROTARY
EN4	1-487-772-11	s ENCODER, ROTARY
IC1	6-707-702-01	s IC NJM2746RB1 (TE2)
IC2	6-707-702-01	s IC NJM2746RB1 (TE2)
IC3	6-707-702-01	s IC NJM2746RB1 (TE2)
IC4	6-707-702-01	s IC NJM2746RB1 (TE2)
IC5	6-707-702-01	s IC NJM2746RB1 (TE2)
IC7	6-707-861-01	s IC TC74VHC04FT (EKJ)
IC8	6-707-861-01	s IC TC74VHC04FT (EKJ)
L1	1-414-398-41	s INDUCTOR (SMD) 10.0UH
L2	1-414-398-41	s INDUCTOR (SMD) 10.0UH
R1	1-208-863-81	s RES, CHIP 100 (1005)
R2	1-208-863-81	s RES, CHIP 100 (1005)
R3	1-208-863-81	s RES, CHIP 100 (1005)
R4	1-208-863-81	s RES, CHIP 100 (1005)
R5	1-208-863-81	s RES, CHIP 100 (1005)
R6	1-208-863-81	s RES, CHIP 100 (1005)
R7	1-208-863-81	s RES, CHIP 100 (1005)
R8	1-208-863-81	s RES, CHIP 100 (1005)
R9	1-208-863-81	s RES, CHIP 100 (1005)
R10	1-208-863-81	s RES, CHIP 100 (1005)
R11	1-208-911-81	s RES, CHIP 10K (1005)
R12	1-208-911-81	s RES, CHIP 10K (1005)
R13	1-208-911-81	s RES, CHIP 10K (1005)
R14	1-208-911-81	s RES, CHIP 10K (1005)

2-4. Supplied Accessories

(VR-337 BOARD)

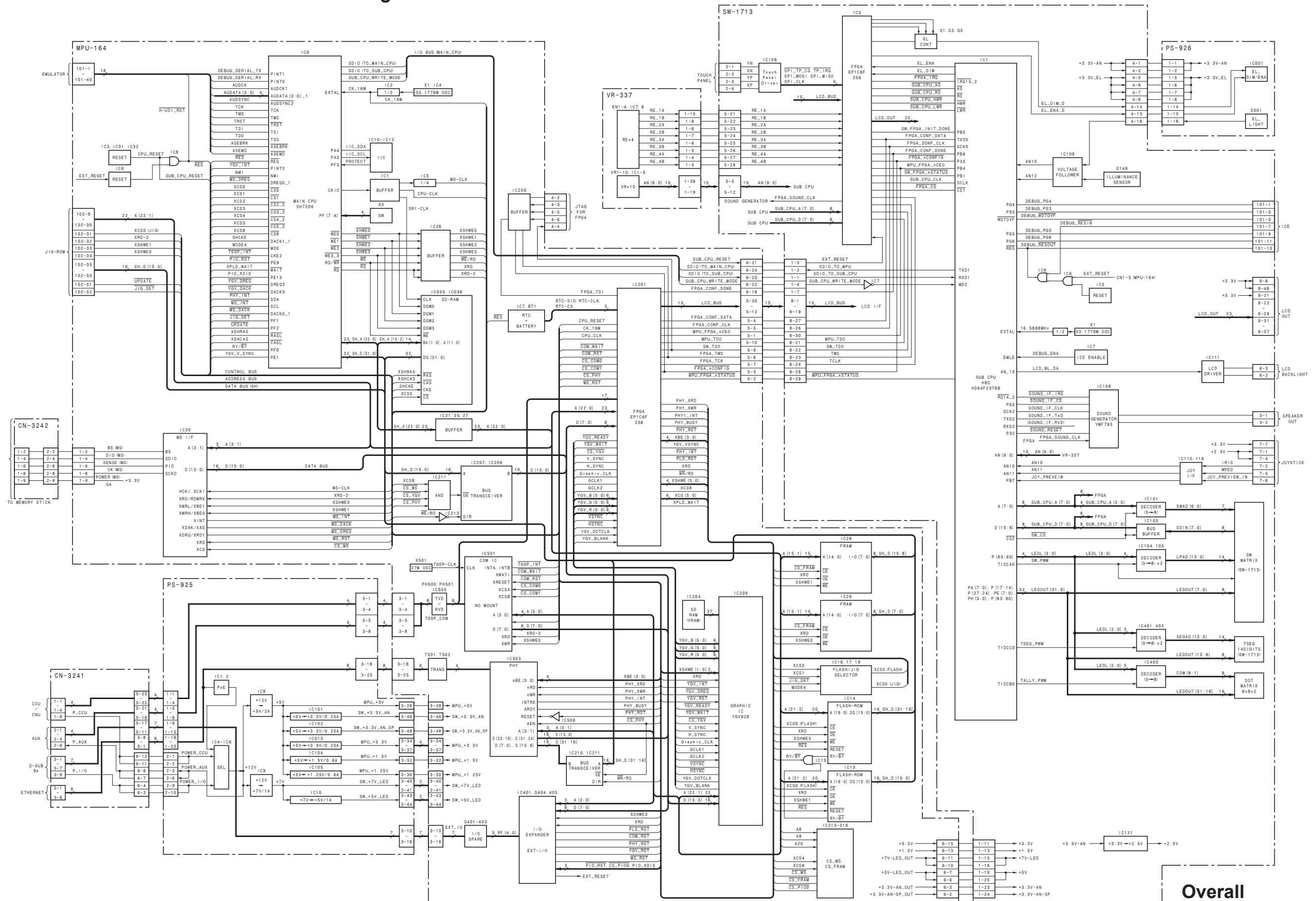
Ref. No. or Q'ty	Part No.	SP Description
R15	1-208-911-81	s RES, CHIP 10K (1005)
R16	1-208-911-81	s RES, CHIP 10K (1005)
R17	1-208-911-81	s RES, CHIP 10K (1005)
R18	1-208-863-81	s RES, CHIP 100 (1005)
R19	1-208-911-81	s RES, CHIP 10K (1005)
R20	1-208-911-81	s RES, CHIP 10K (1005)
RB1	1-234-372-21	s RES, NETWORK 100 (1005X4)
RB2	1-234-372-21	s RES, NETWORK 100 (1005X4)
RB3	1-234-372-21	s RES, NETWORK 100 (1005X4)
RB4	1-234-378-21	s RES, NETWORK 10K (1005X4)
RB5	1-234-378-21	s RES, NETWORK 10K (1005X4)
RV1	1-227-562-11	s RES, VAR, CARBON 10K
RV2	1-227-562-11	s RES, VAR, CARBON 10K
RV3	1-227-562-11	s RES, VAR, CARBON 10K
RV4	1-227-562-11	s RES, VAR, CARBON 10K
RV5	1-227-562-11	s RES, VAR, CARBON 10K
RV6	1-227-562-11	s RES, VAR, CARBON 10K
RV7	1-227-864-11	s RES, VAR, CARBON 10K
RV8	1-227-864-11	s RES, VAR, CARBON 10K
RV9	1-237-979-21	s RES, VAR, CARBON 10K
RV10	1-237-979-21	s RES, VAR, CARBON 10K

RCP-1500

Q'ty	Part No.	SP Description
1pc	Δ 4-169-285-03	s OPERATION MANUAL (English)
1pc	4-171-348-03	s LABEL (SW ASSIGN)

Section 3

Block Diagrams



Section 4

Schematic Diagrams

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VR-331	*
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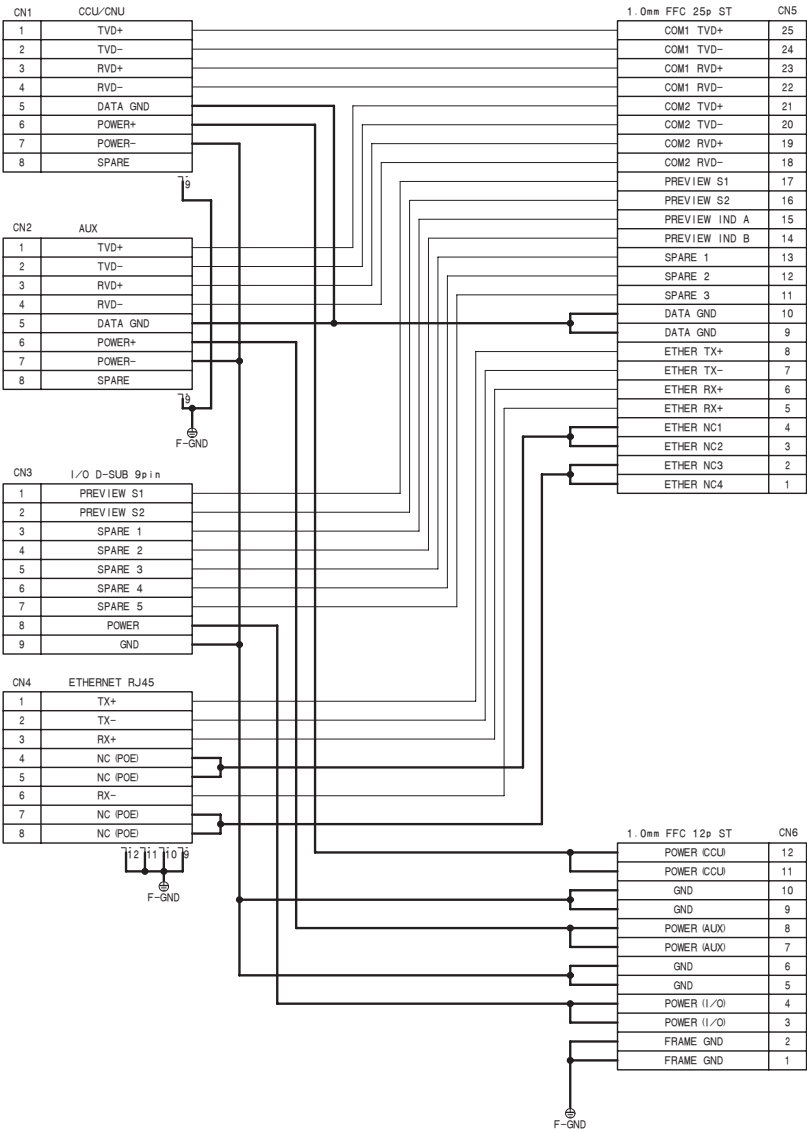
*: The schematic diagram of this board is not described in this manual.

CN-3241, CN-3242

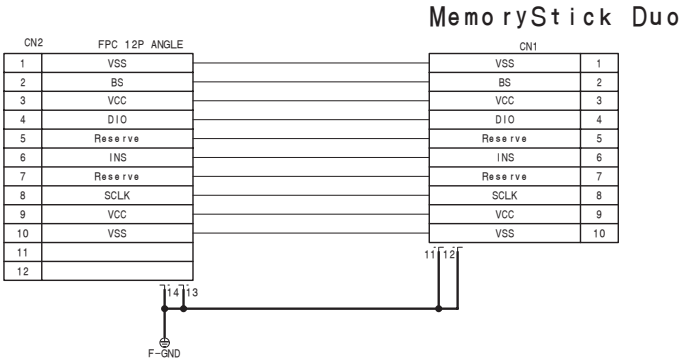
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CN-3241, CN-3242

SUFFIX: -11 SUFFIX: -11



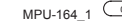
CN-3241
BOARD NO. 1-881-293-11
CAX-164_CN-3241_021_1



CN-3242
BOARD NO. 1-881-284-11
CAX-164_CN-3242_021_1

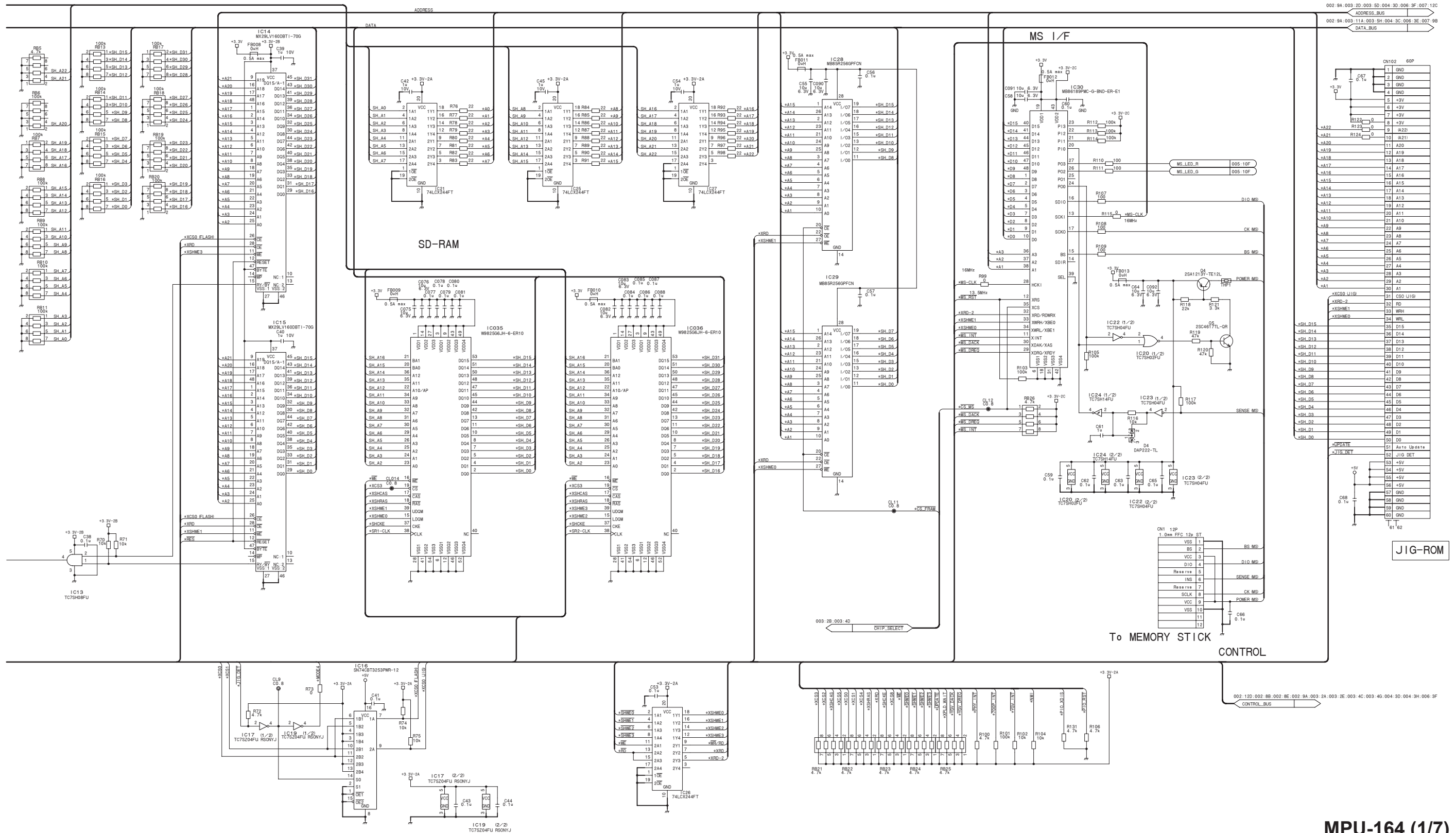
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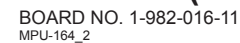
FLASH-ROM

FRAM



SUFFIX: -11

SUFFIX: -11



SUFFIX: -11

SUFFIX: -11

The diagram illustrates the internal architecture of the MPU-164 board, centered around the YG628B-V2 IC209. Key components and connections include:

- Buses:** CONTROL_BUS, CHIP_SELECT, ADDRESS_BUS, DATA_BUS, YGV_BUS, YGV_SYNC, YGV_BLANK.
- Power Supply:** +3.3V and GND connections, including decoupling capacitors (C223, C224, C225, C226, C227, C228, C229, C230, C231, C232, C233, C234, C235, C236, C237, C238, C239, C240, C241, C242, C243, C244, C245, C246, C247, C248, C249, C250, C251, C252, C253, C254, C255, C256, C257, C258, C259, C260, C261, C262, C263, C264, C265, C266, C267, C268, C269, C270, C271, C272, C273, C274, C275, C276, C277, C278, C279, C280, C281, C282, C283, C284, C285, C286, C287, C288, C289, C290, C291, C292, C293, C294, C295, C296, C297, C298, C299, C300, C301, C302, C303, C304, C305, C306, C307, C308, C309, C310, C311, C312, C313, C314, C315, C316, C317, C318, C319, C320, C321, C322, C323, C324, C325, C326, C327, C328, C329, C330, C331, C332, C333, C334, C335, C336, C337, C338, C339, C340, C341, C342, C343, C344, C345, C346, C347, C348, C349, C350, C351, C352, C353, C354, C355, C356, C357, C358, C359, C360, C361, C362, C363, C364, C365, C366, C367, C368, C369, C370, C371, C372, C373, C374, C375, C376, C377, C378, C379, C380, C381, C382, C383, C384, C385, C386, C387, C388, C389, C390, C391, C392, C393, C394, C395, C396, C397, C398, C399, C400, C401, C402, C403, C404, C405, C406, C407, C408, C409, C410, C411, C412, C413, C414, C415, C416, C417, C418, C419, C420, C421, C422, C423, C424, C425, C426, C427, C428, C429, C430, C431, C432, C433, C434, C435, C436, C437, C438, C439, C440, C441, C442, C443, C444, C445, C446, C447, C448, C449, C450, C451, C452, C453, C454, C455, C456, C457, C458, C459, C460, C461, C462, C463, C464, C465, C466, C467, C468, C469, C470, C471, C472, C473, C474, C475, C476, C477, C478, C479, C480, C481, C482, C483, C484, C485, C486, C487, C488, C489, C490, C491, C492, C493, C494, C495, C496, C497, C498, C499, C500, C501, C502, C503, C504, C505, C506, C507, C508, C509, C510, C511, C512, C513, C514, C515, C516, C517, C518, C519, C520, C521, C522, C523, C524, C525, C526, C527, C528, C529, C530, C531, C532, C533, C534, C535, C536, C537, C538, C539, C540, C541, C542, C543, C544, C545, C546, C547, C548, C549, C550, C551, C552, C553, C554, C555, C556, C557, C558, C559, C560, C561, C562, C563, C564, C565, C566, C567, C568, C569, C570, C571, C572, C573, C574, C575, C576, C577, C578, C579, C580, C581, C582, C583, C584, C585, C586, C587, C588, C589, C590, C591, C592, C593, C594, C595, C596, C597, C598, C599, C600, C601, C602, C603, C604, C605, C606, C607, C608, C609, C610, C611, C612, C613, C614, C615, C616, C617, C618, C619, C620, C621, C622, C623, C624, C625, C626, C627, C628, C629, C630, C631, C632, C633, C634, C635, C636, C637, C638, C639, C640, C641, C642, C643, C644, C645, C646, C647, C648, C649, C650, C651, C652, C653, C654, C655, C656, C657, C658, C659, C660, C661, C662, C663, C664, C665, C666, C667, C668, C669, C670, C671, C672, C673, C674, C675, C676, C677, C678, C679, C680, C681, C682, C683, C684, C685, C686, C687, C688, C689, C690, C691, C692, C693, C694, C695, C696, C697, C698, C699, C700, C701, C702, C703, C704, C705, C706, C707, C708, C709, C710, C711, C712, C713, C714, C715, C716, C717, C718, C719, C720, C721, C722, C723, C724, C725, C726, C727, C728, C729, C730, C731, C732, C733, C734, C735, C736, C737, C738, C739, C740, C741, C742, C743, C744, C745, C746, C747, C748, C749, C750, C751, C752, C753, C754, C755, C756, C757, C758, C759, C760, C761, C762, C763, C764, C765, C766, C767, C768, C769, C770, C771, C772, C773, C774, C775, C776, C777, C778, C779, C780, C781, C782, C783, C784, C785, C786, C787, C788, C789, C790, C791, C792, C793, C794, C795, C796, C797, C798, C799, C800, C801, C802, C803, C804, C805, C806, C807, C808, C809, C810, C811, C812, C813, C814, C815, C816, C817, C818, C819, C820, C821, C822, C823, C824, C825, C826, C827, C828, C829, C830, C831, C832, C833, C834, C835, C836, C837, C838, C839, C840, C841, C842, C843, C844, C845, C846, C847, C848, C849, C850, C851, C852, C853, C854, C855, C856, C857, C858, C859, C860, C861, C862, C863, C864, C865, C866, C867, C868, C869, C870, C871, C872, C873, C874, C875, C876, C877, C878, C879, C880, C881, C882, C883, C884, C885, C886, C887, C888, C889, C890, C891, C892, C893, C894, C895, C896, C897, C898, C899, C900, C901, C902, C903, C904, C905, C906, C907, C908, C909, C910, C911, C912, C913, C914, C915, C916, C917, C918, C919, C920, C921, C922, C923, C924, C925, C926, C927, C928, C929, C930, C931, C932, C933, C934, C935, C936, C937, C938, C939, C940, C941, C942, C943, C944, C945, C946, C947, C948, C949, C950, C951, C952, C953, C954, C955, C956, C957, C958, C959, C960, C961, C962, C963, C964, C965, C966, C967, C968, C969, C970, C971, C972, C973, C974, C975, C976, C977, C978, C979, C980, C981, C982, C983, C984, C985, C986, C987, C988, C989, C990, C991, C992, C993, C994, C995, C9

MPU-164 (3/7)
BOARD NO. 1-982-016-11
MPU-164_3

MPU-164 (4/7)

SUFFIX: -11

MPU-164 (4/7)

SUFFIX: -11

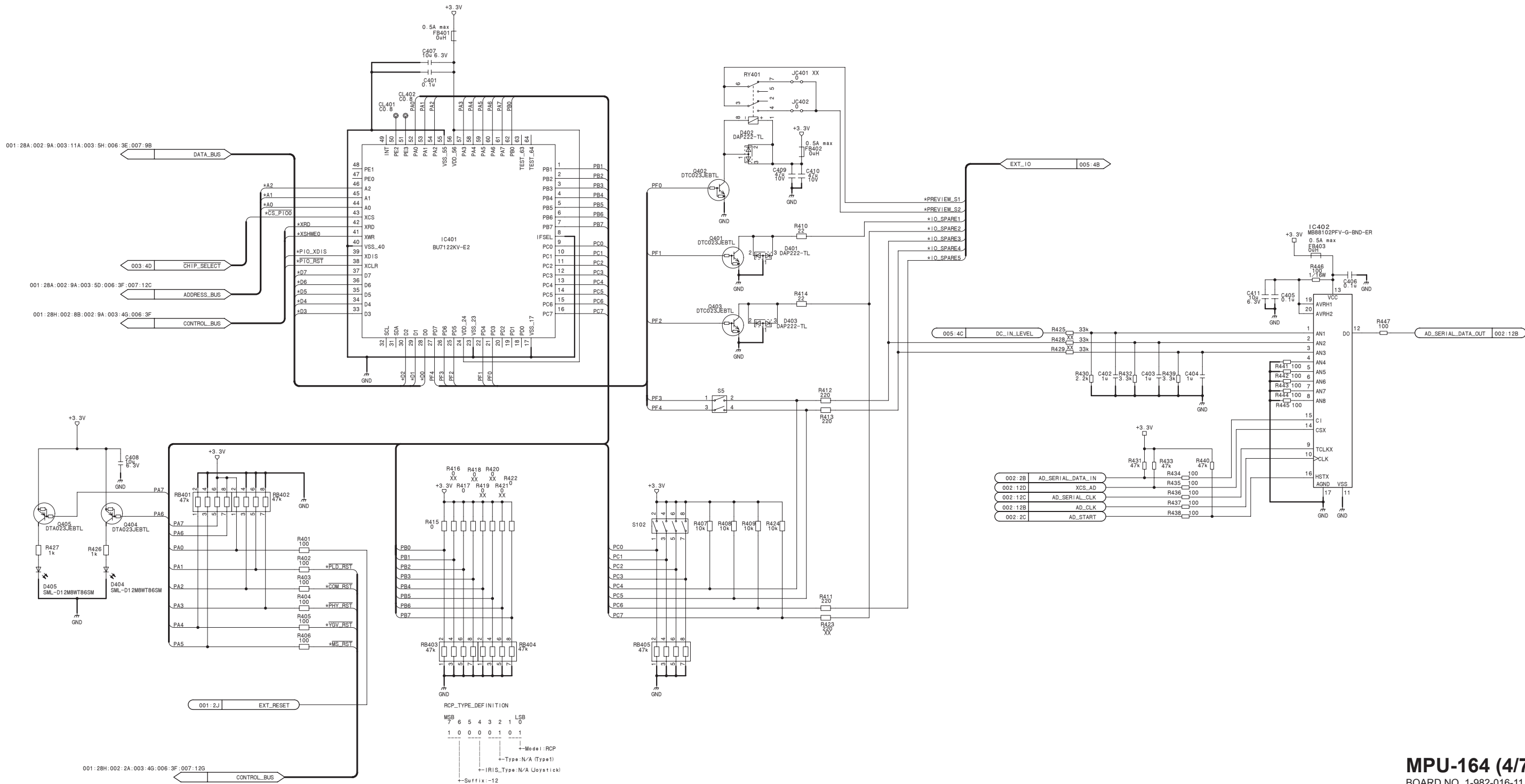
1

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4

5



MPU-164 (4/7)

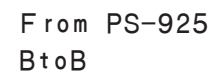
BOARD NO. 1-982-016-11
MPU-164_4

4-8

4-8

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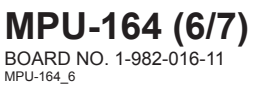
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BOARD NO. 1-982-016-11
MPU-164_5

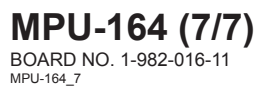
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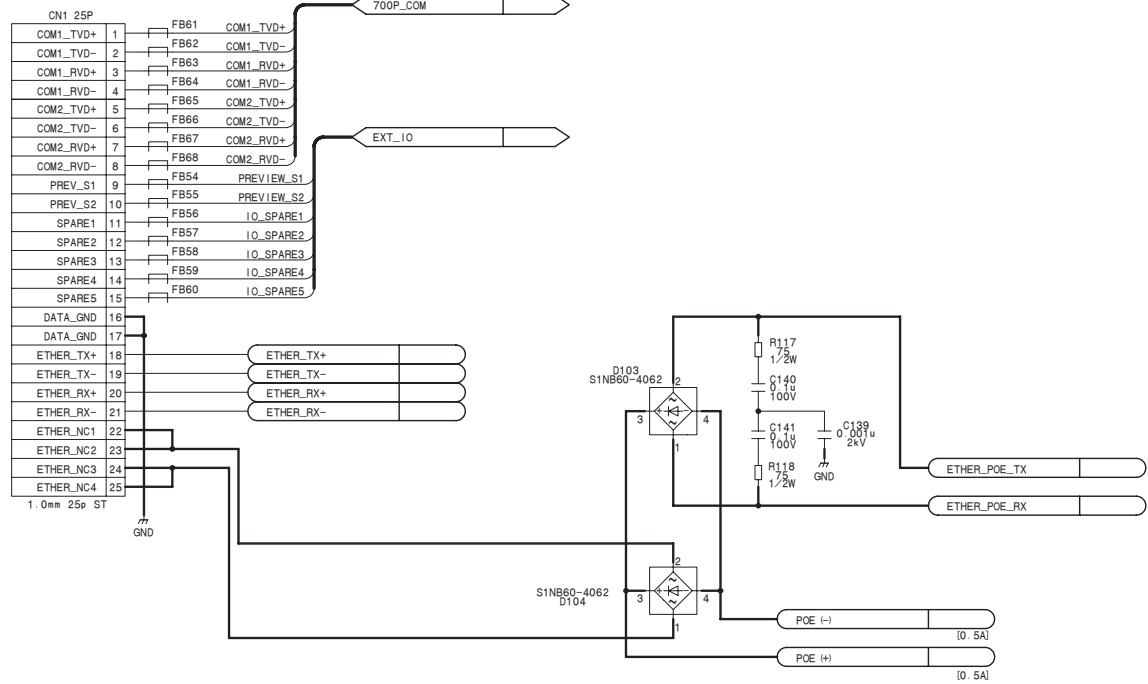


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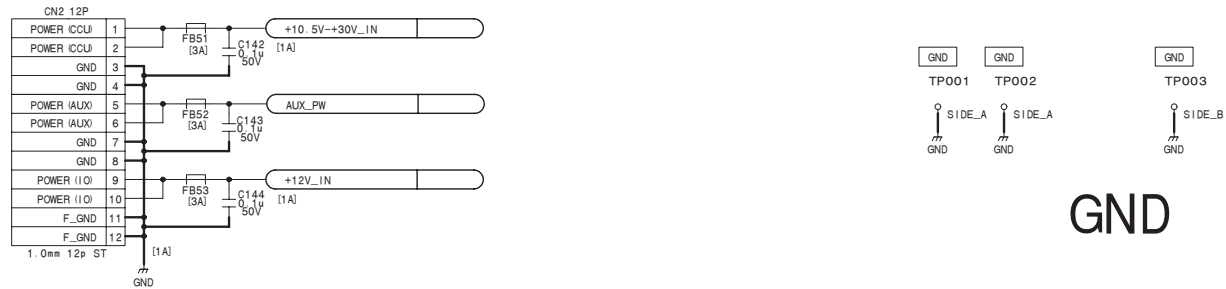
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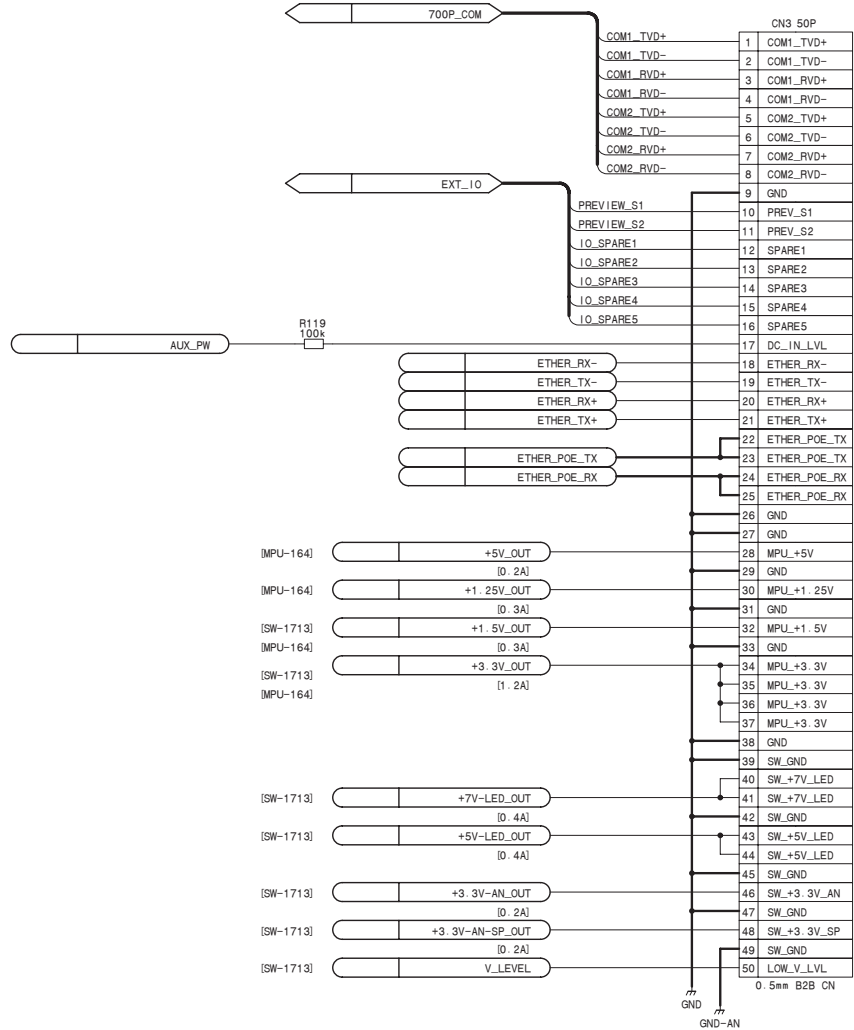
From CN-3241



From CN-3241



To MPU-164

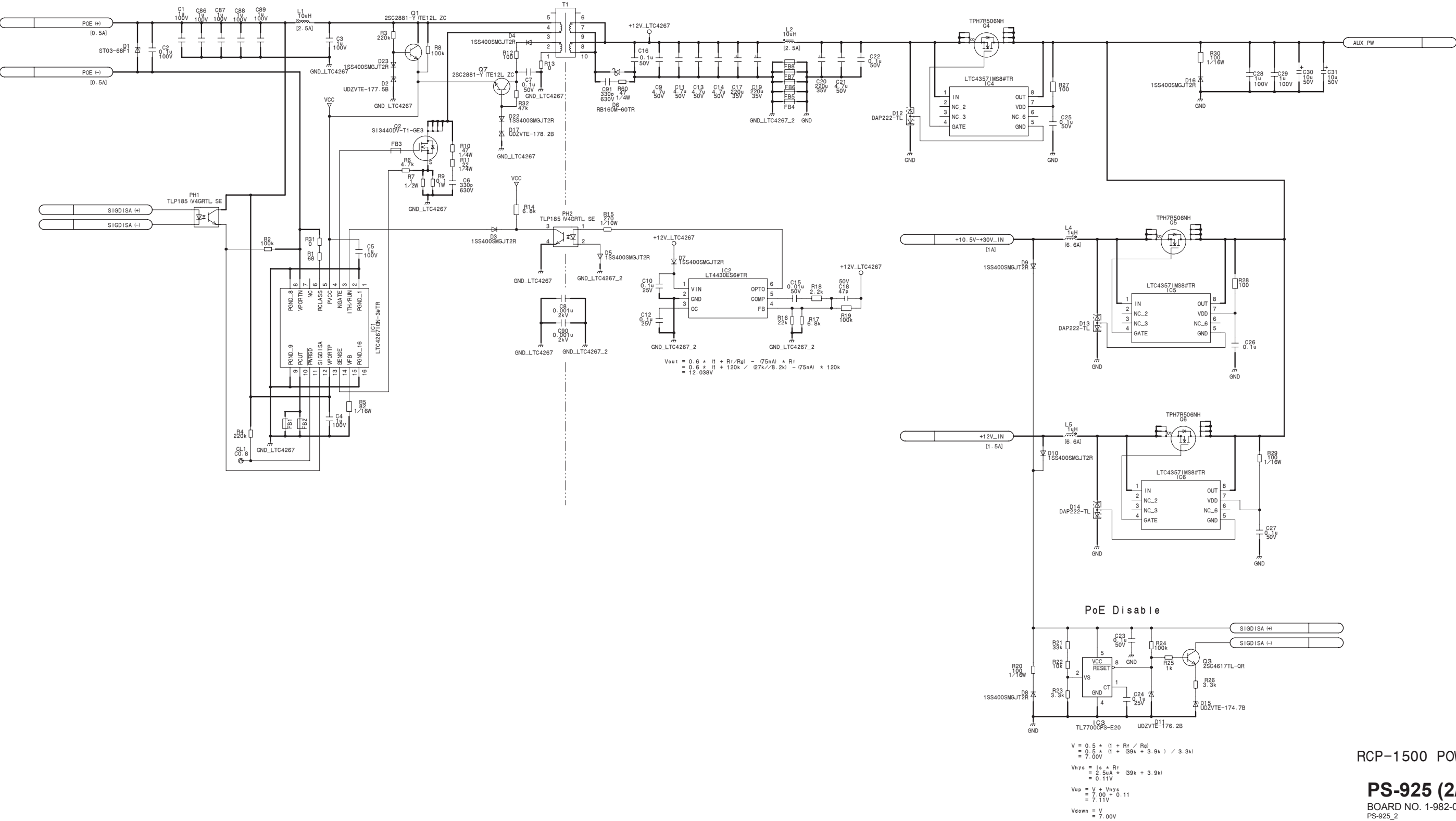


RCP-1500 POWER

PS-925 (1/3)
BOARD NO. 1-982-015-11
PS-925_1

(PoE (36v-57V) to 12V/0.6A)

Vin SELECT 30V/1.5A



RCP-1500 POWER

PS-925 (2/3)
BOARD NO. 1-982-015-11
PS-925_2

PS-925 (3/3)

SUFFIX: -11

PS-925 (3/3)

SUFFIX: -11

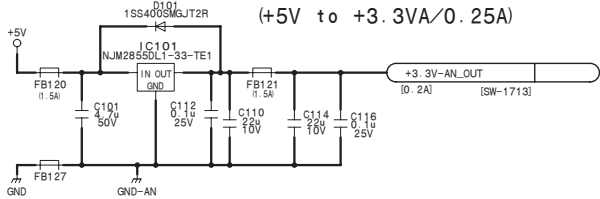
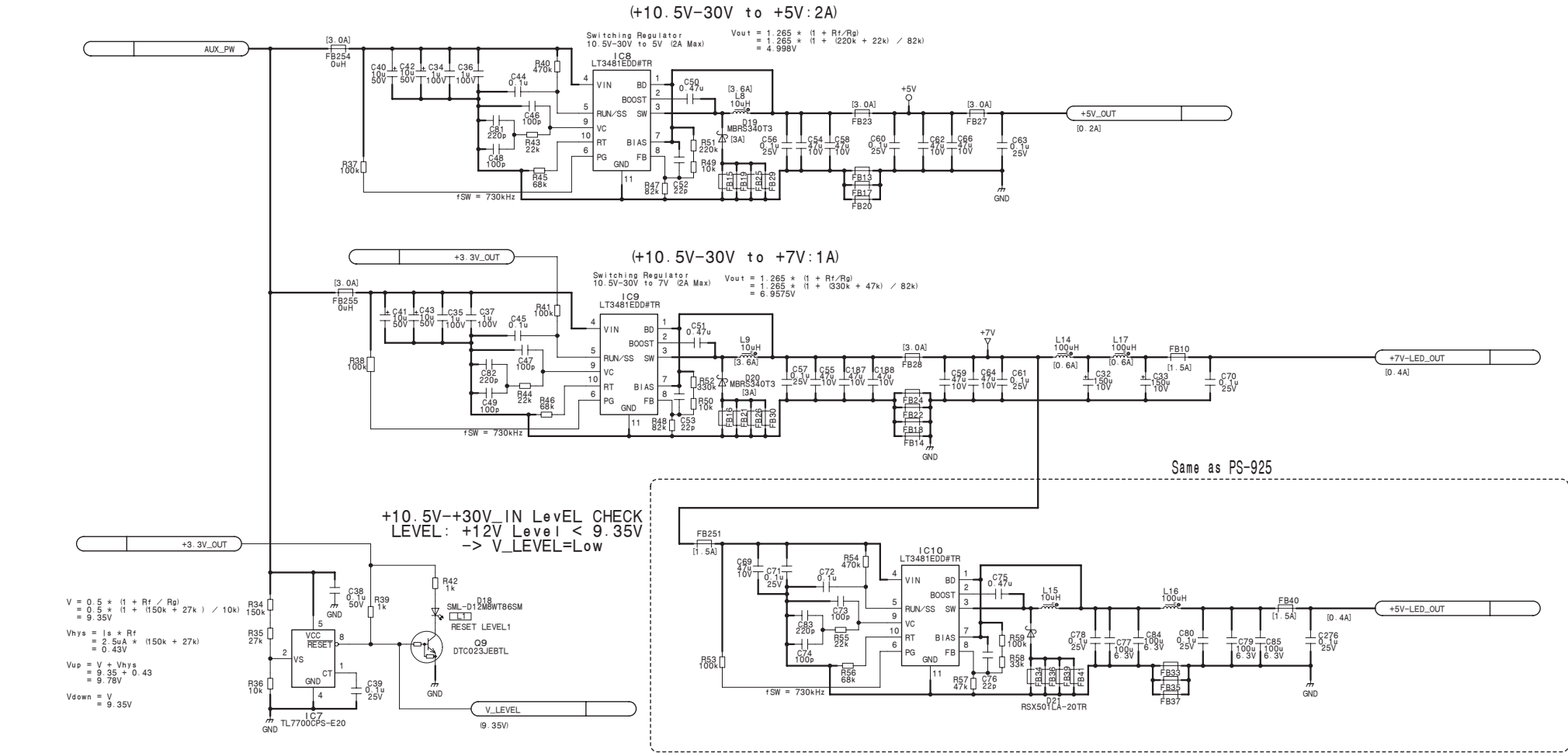
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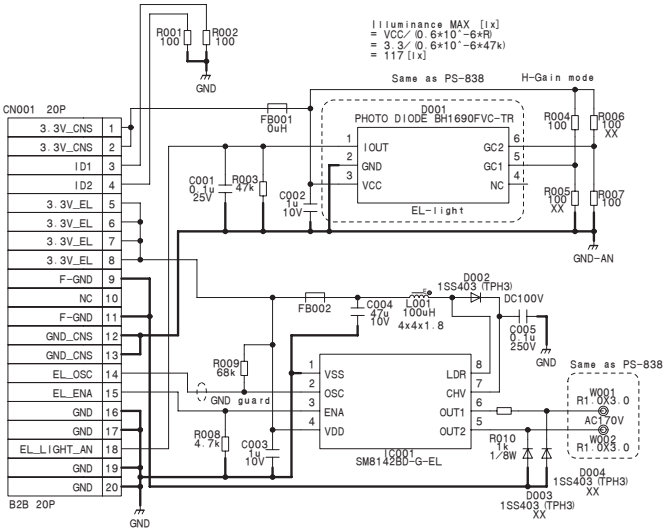
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4

5



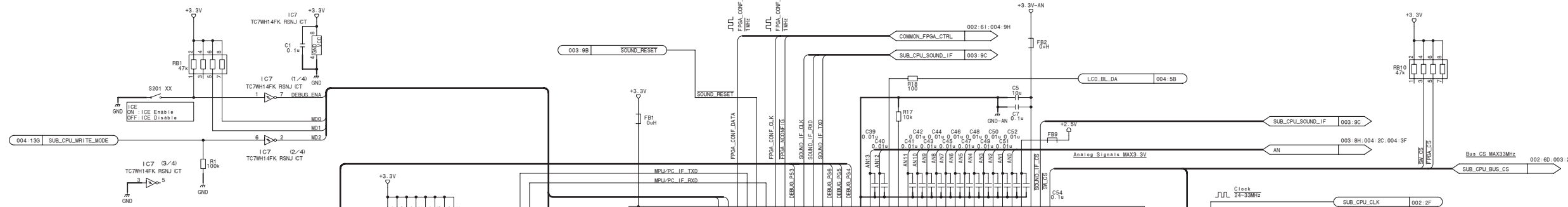
PS-925 (3/3)
BOARD NO. 1-982-015-11
PS-925_3



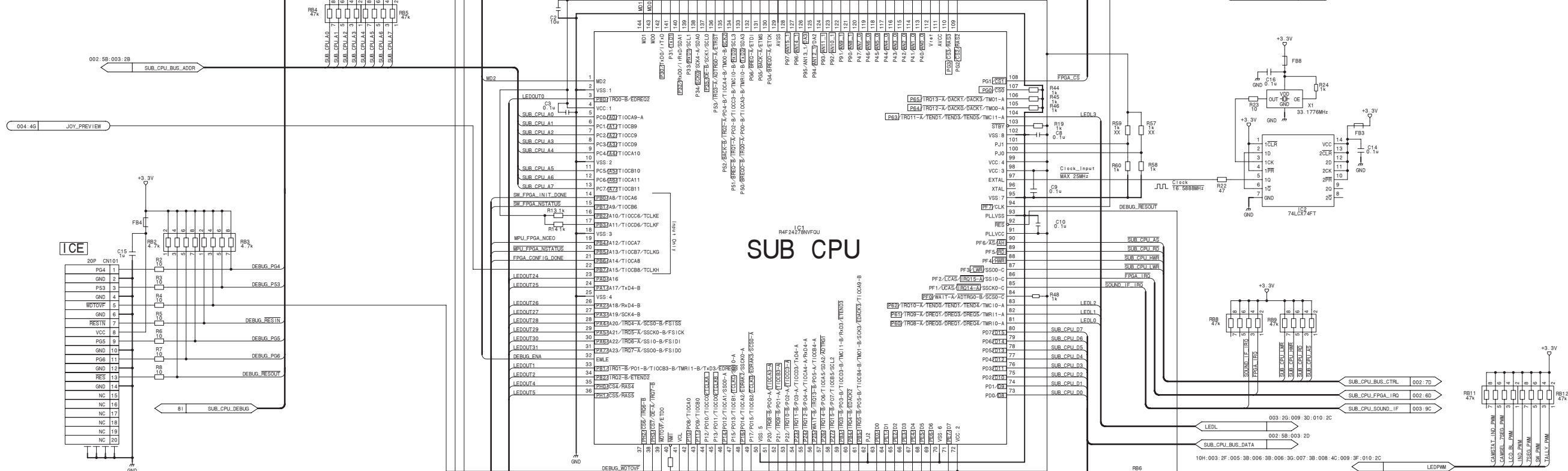
EL DRIVER

PS-926 (1/1)
BOARD NO. 1-982-018-11
PS-926_1

1



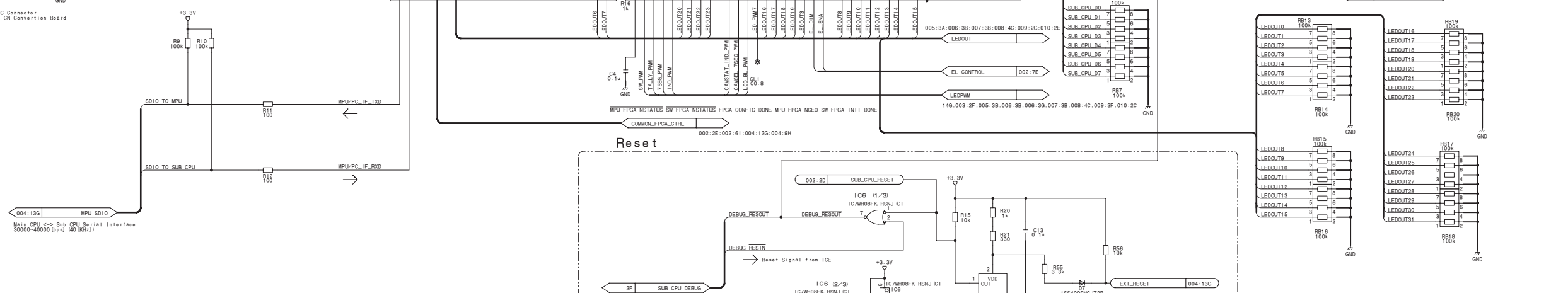
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3

← FFC/FPC Connector
To ICE CN Conversion Board

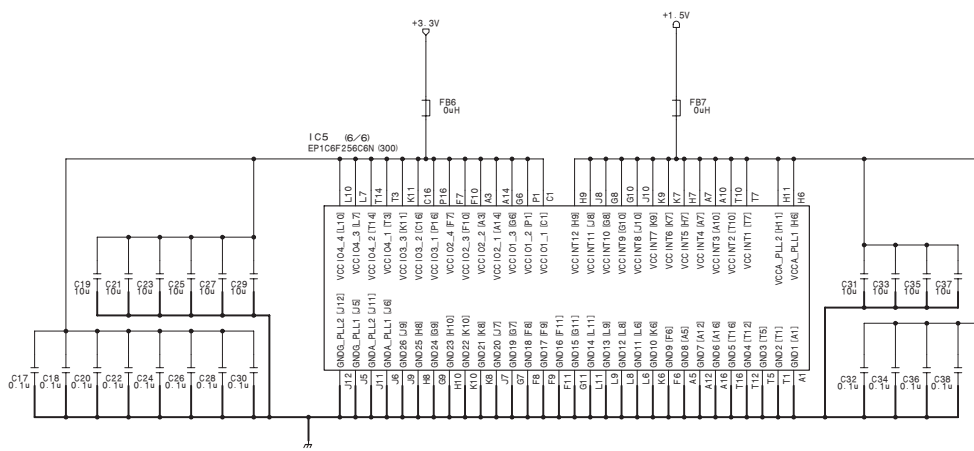
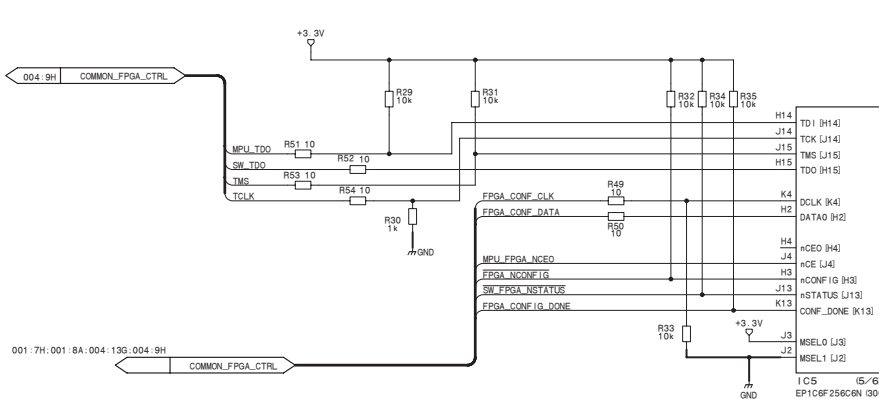
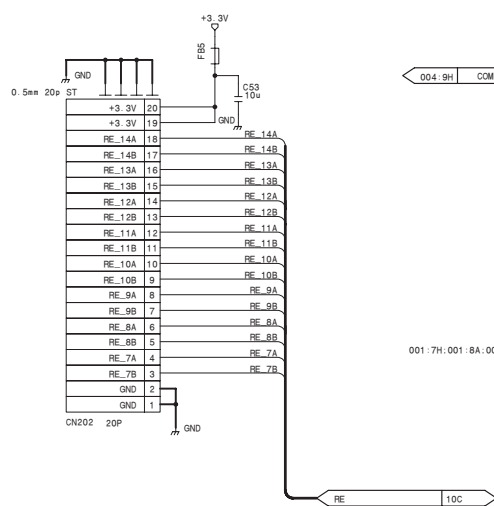
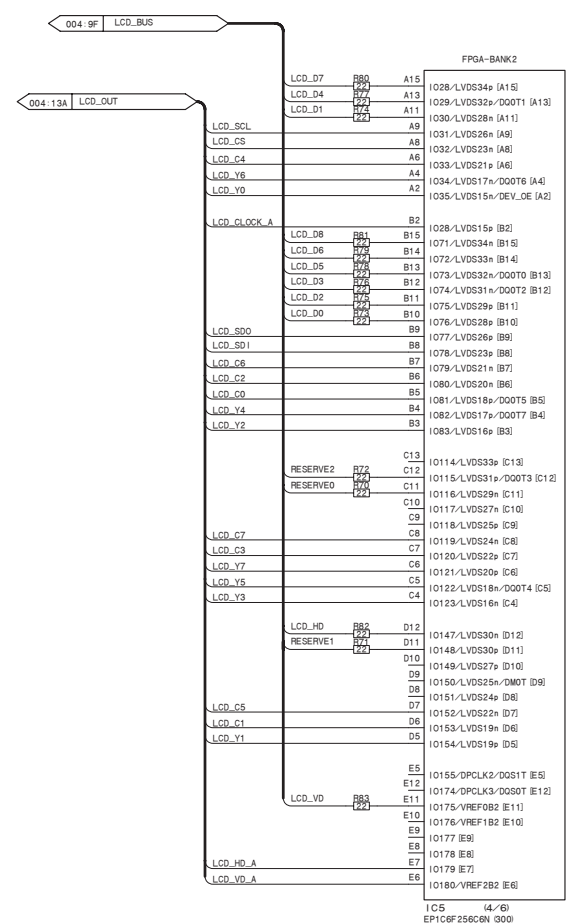
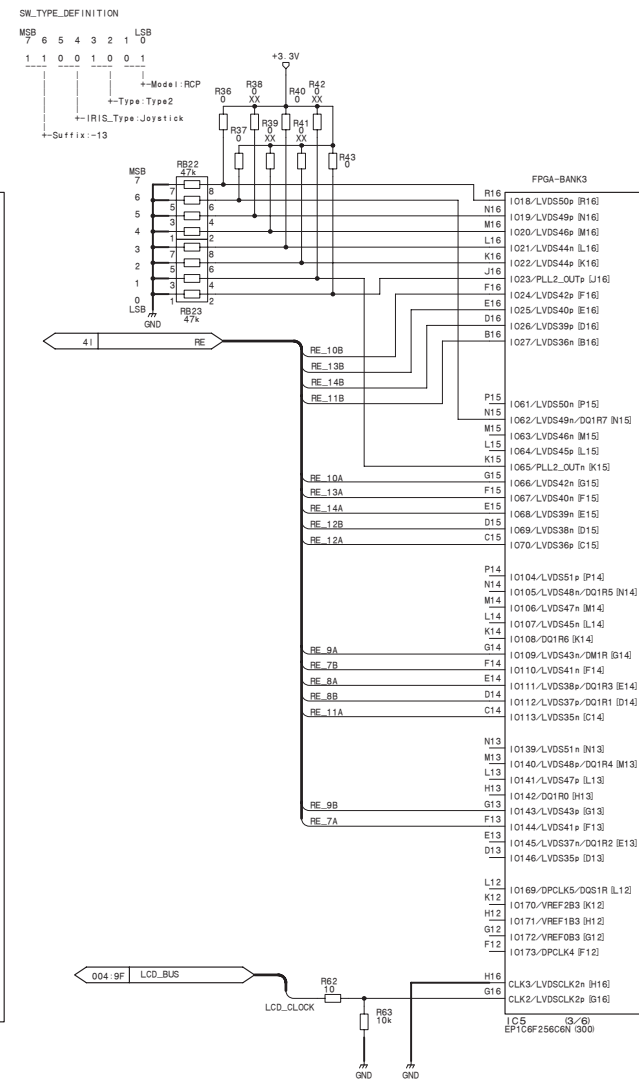
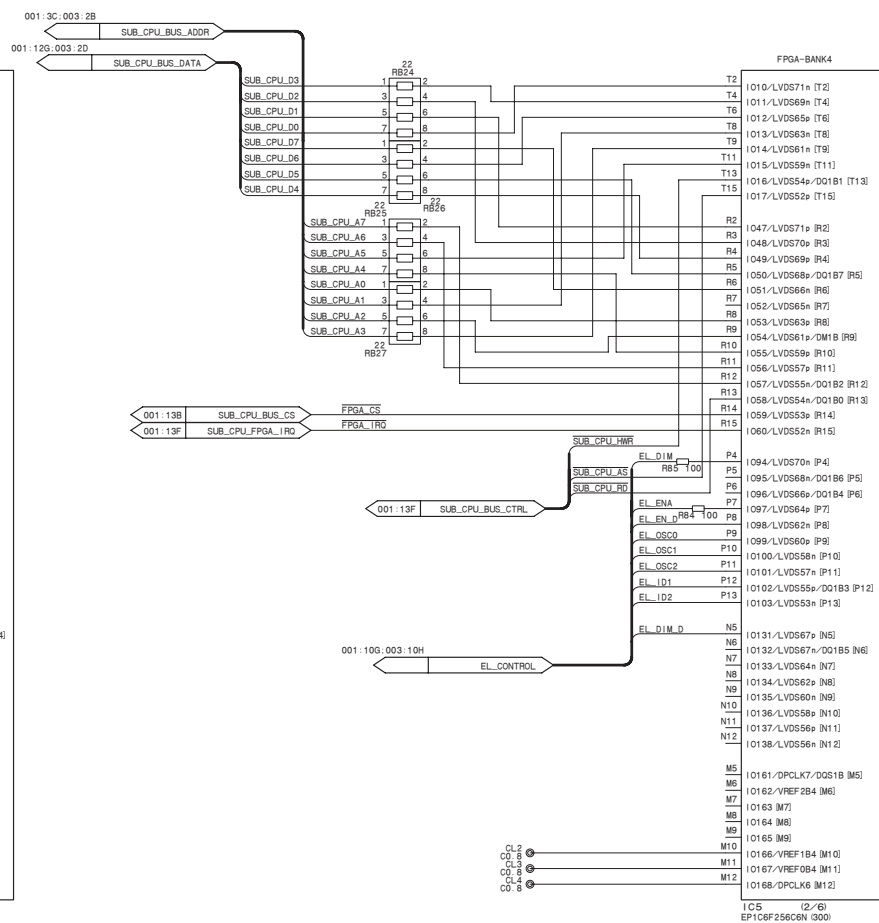
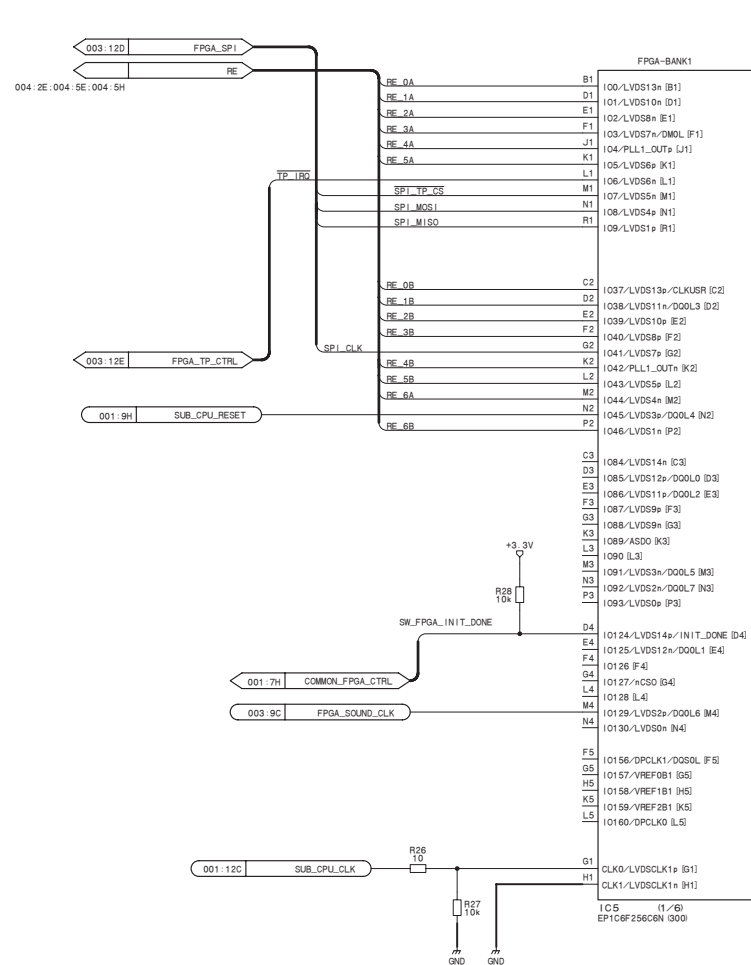
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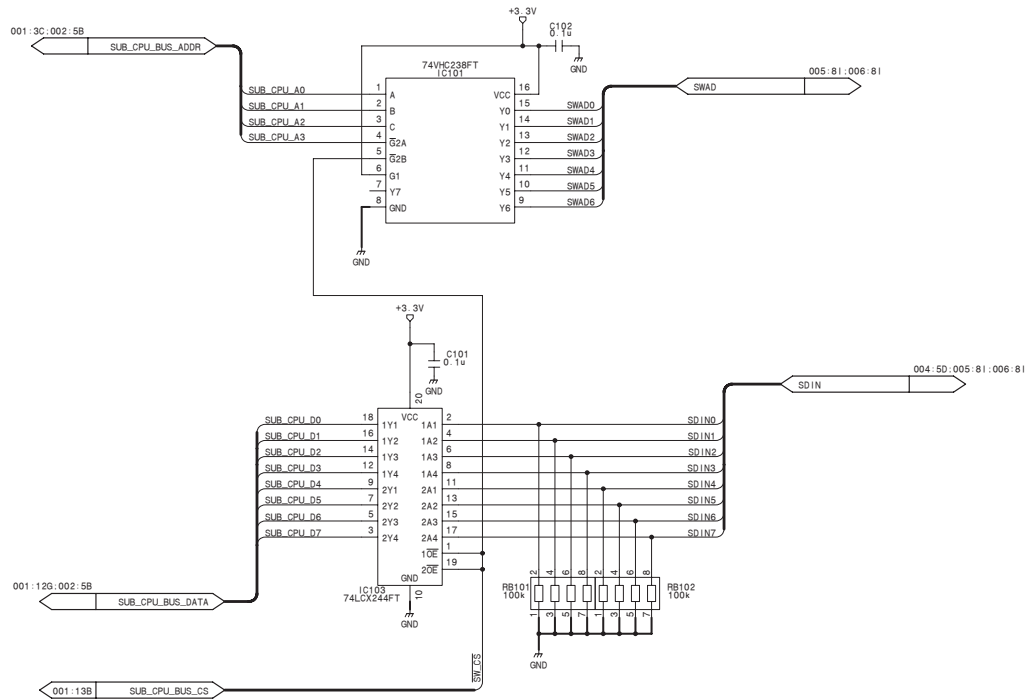
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SW-1713 (1/10)

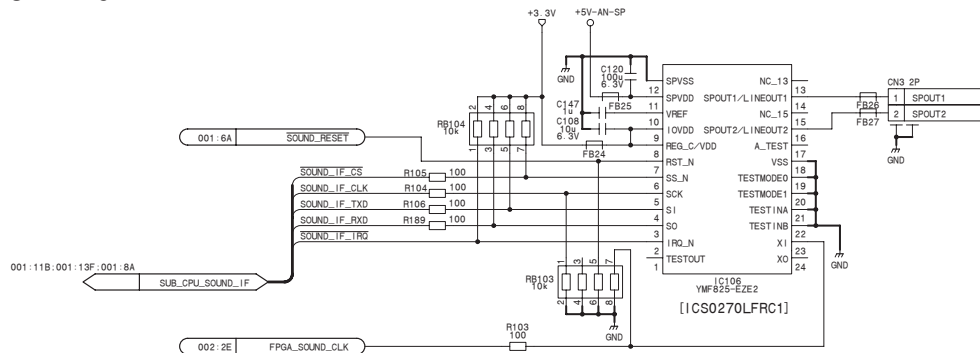
BOARD NO. 1-982-017-11
SW-1713_1



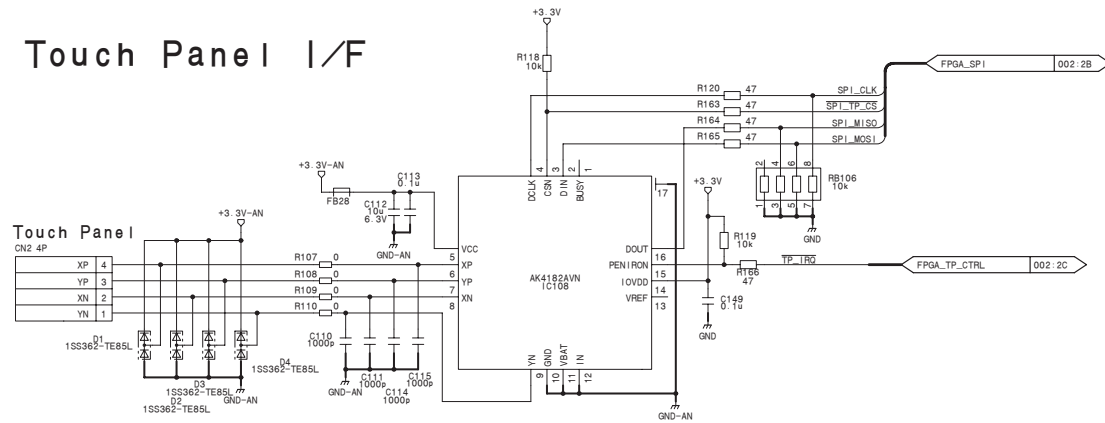
Switch Bus



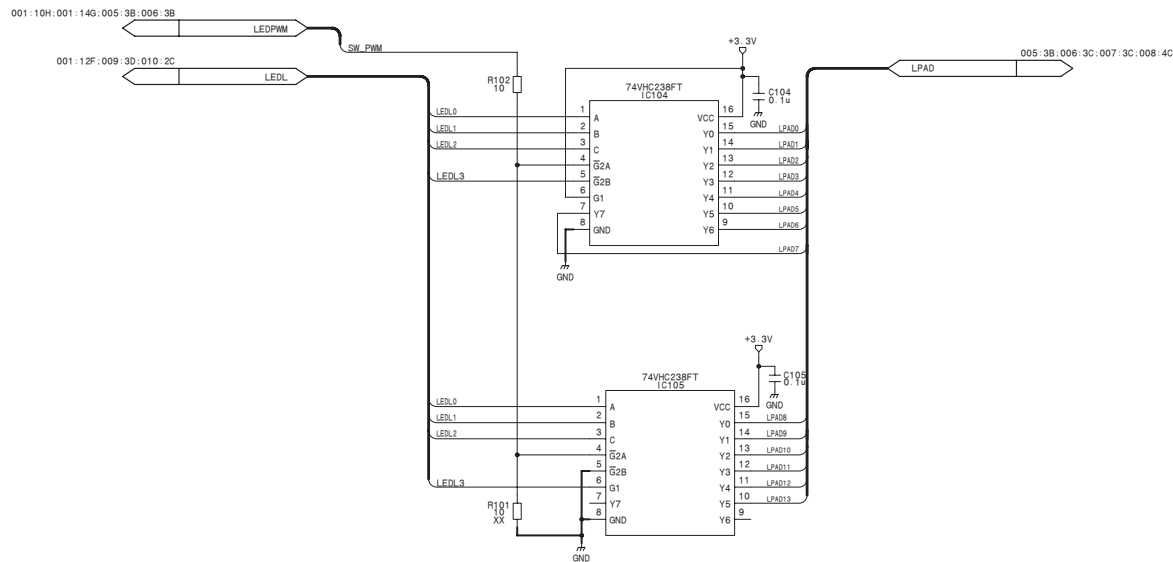
Sound Generator



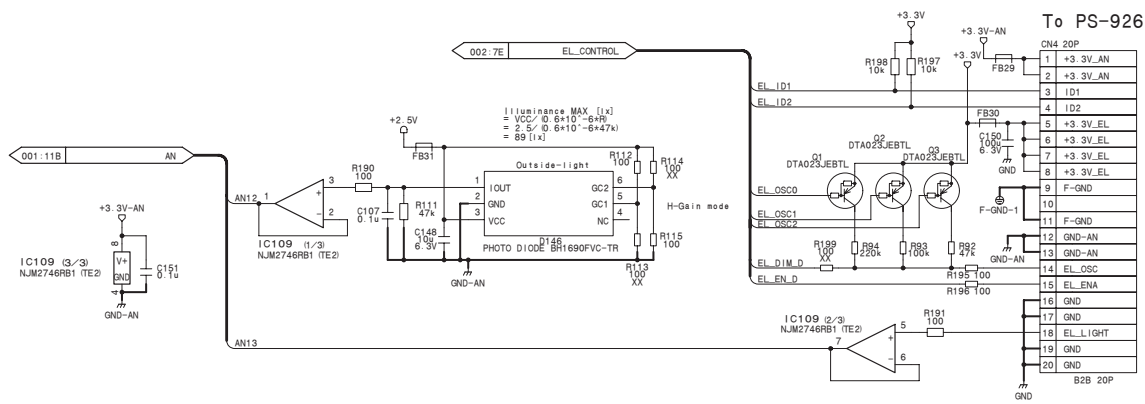
Touch Panel I/F



LED Bus



Light Illuminance sensor (Outside-light/Inside-EL-light)



LCD BACK-LIGHT

IC11: LT3465SE6#TR

Input: +3.3V, L111, L102 (22μH), FB112

Output: VOUT, GND, FB, 200mH, C181 (25V), R95 (120Ω), R120 (10k), R121 (1.7k), C125 (25V)

Output Voltage: 6V±3%

Connector: LCD_BLP (4 pins)

Pin 1: LCD_BLM

Pin 2: LCD_BLM

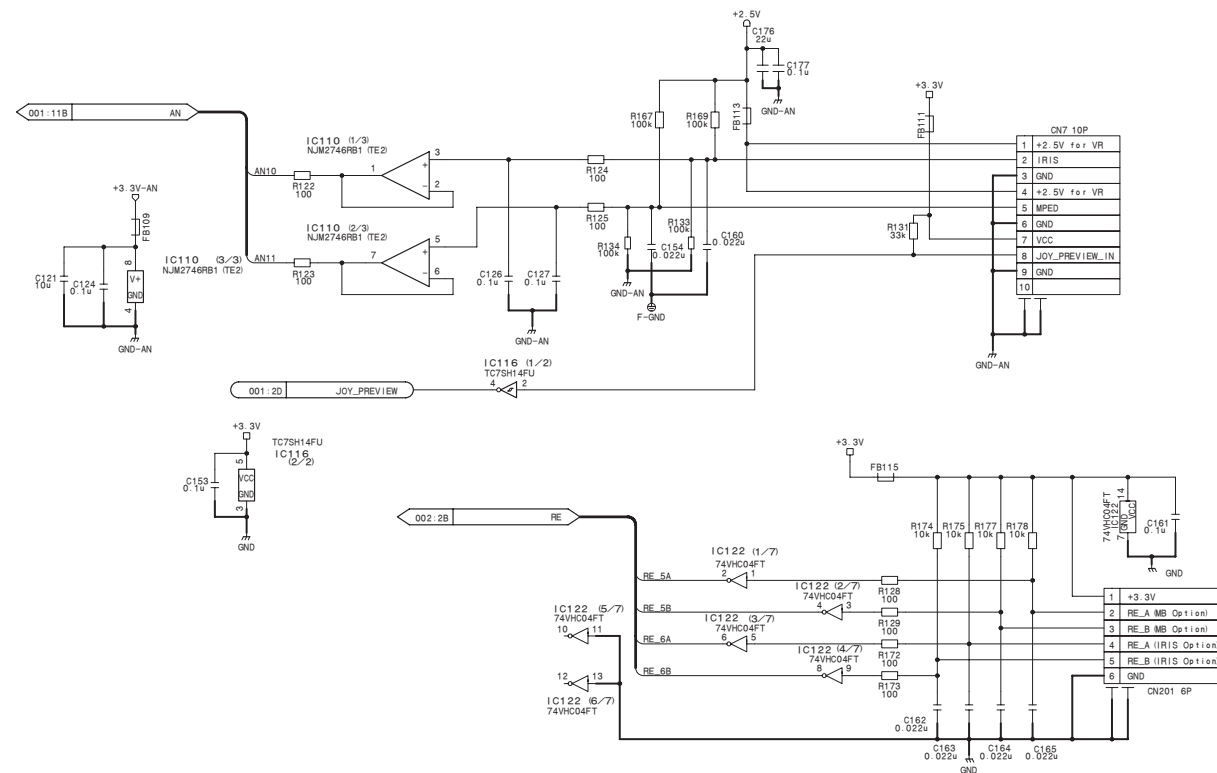
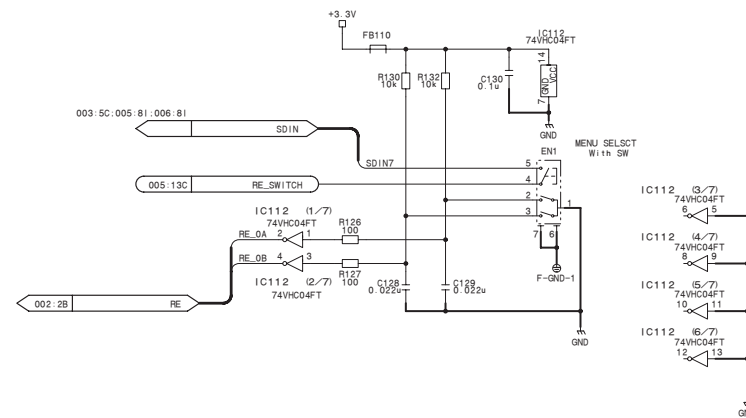
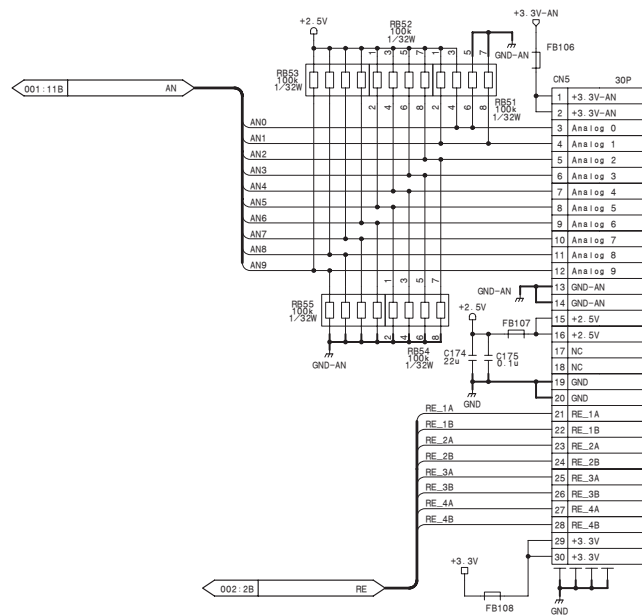
Pin 3: LCD_BLP

Pin 4: LCD_BLP

Other components: C172 (100μF, 6.3V), C123 (0.1μF), C182 (25V)

3. 3V→2.5V

The diagram shows a voltage regulation circuit. The input is labeled +3.3V-AN and is connected to the CONTROL pin (pin 1) of the LM2876B-25 (TE2) regulator through a ferrite bead FB104. The GND pin (pin 2) is connected to a common ground. The VIN pin (pin 4) is connected to the output of the regulator. The VOUT pin (pin 3) is connected to the output and also to the VIN pin. The output is filtered by a 100µF capacitor (C156) and a 0.1µF capacitor (C157) to provide a stable +2.5V output. The ground connection is labeled GND-AN.



002:10F:002:13B

LCD_BUS

RESERVE0
RESERVE1
RESERVE2
LCD_D0
LCD_D1
LCD_D2
LCD_D3
LCD_D4
LCD_D5
LCD_D6
LCD_D7
LCD_D8
LCD_CLK
LCD_HD
LCD_VD

001:7H:001:8A:002:5G:002:6I

COMMON_FPGA_CTRL

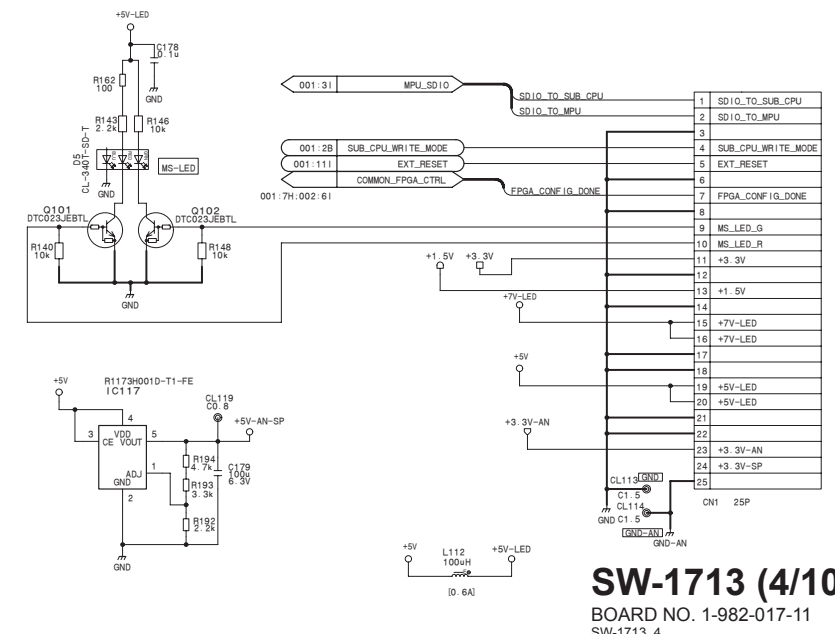
MPU_TDO
SW_TDO
TMS
TCLK
FPGA_CONF_CLK
FPGA_CONF_DATA
FPGA_NCONF1G
MPU_FPGA_NSTATUS
MPU_FPGA_NCEO

CN8 30P

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RESERVE
RESERVE
RESERVE
LCD_D0
LCD_D1
LCD_D2
LCD_D3
LCD_D4
LCD_D5
LCD_D6
LCD_D7
LCD_D8
LCD_CLK
LCD_HD
LCD_VD
MPU_TDO
SW_TDO
TMS
TCLK
FPGA_CONF_CLK
FPGA_CONF_DATA
FPGA_NCONF1G
MPU_FPGA_NSTATUS
MPU_FPGA_NCEO

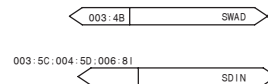
GND



SW-1713 (4/10)
BOARD NO. 1-982-017-11
SW-1713_4

SUFFIX: -11

SUFFIX: -11



BOARD NO. 1-982-017-11
SW-1713_5

SUFFIX: -11

SUFFIX: -11



BOARD NO. 1-982-017-11
SW-1713_6

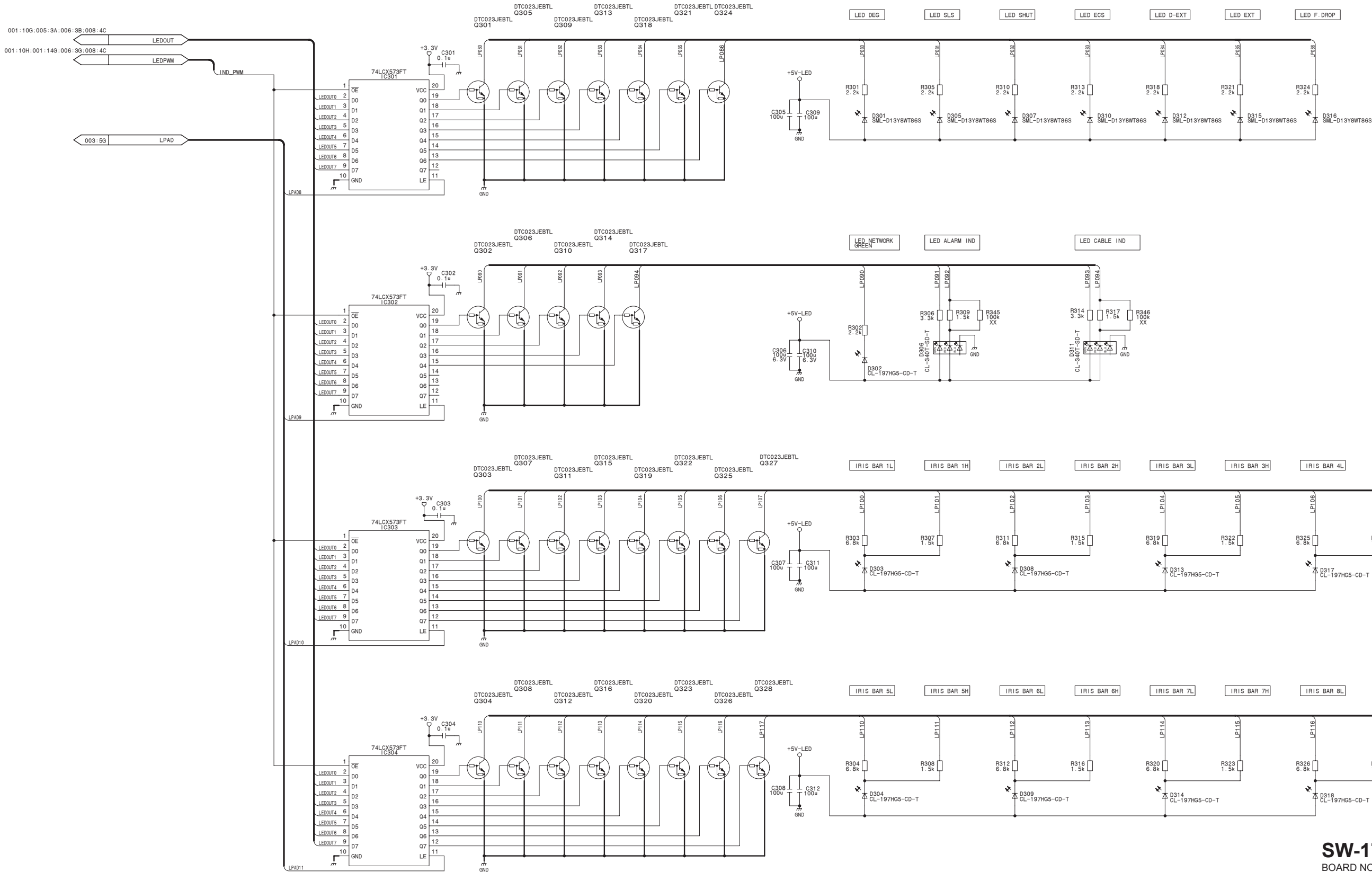
1

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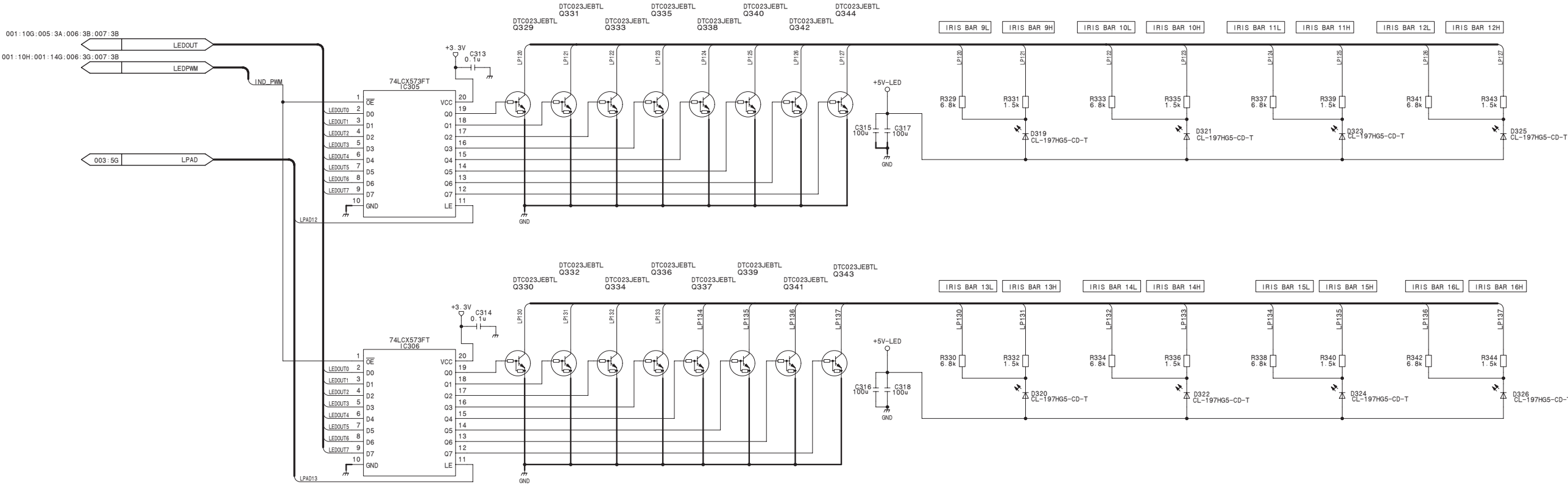
5



SW-1713 (7/10)

BOARD NO. 1-982-017-11

SW-1713_7



SW-1713 (8/10)
BOARD NO. 1-982-017-11
SW-1713_8

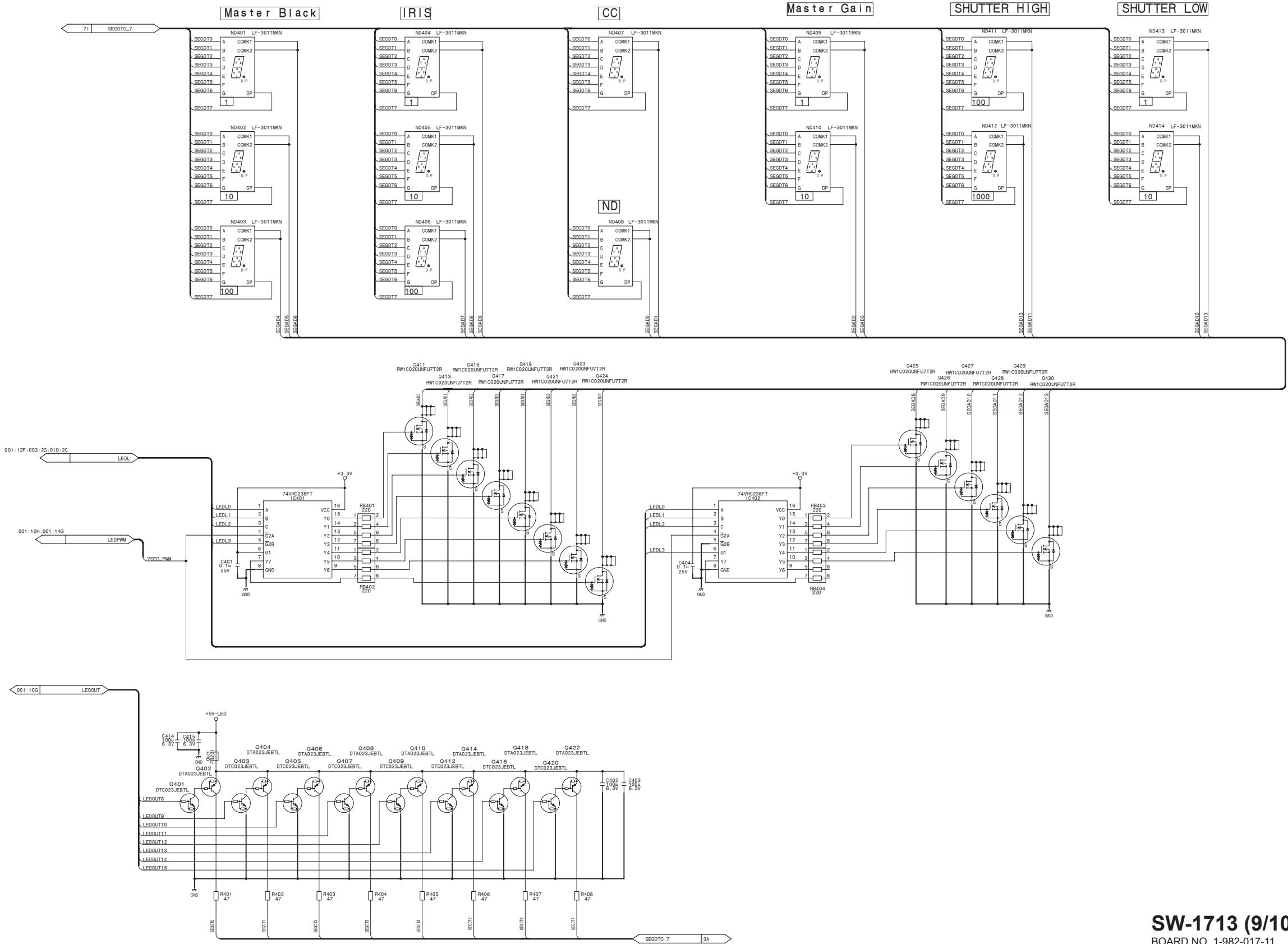
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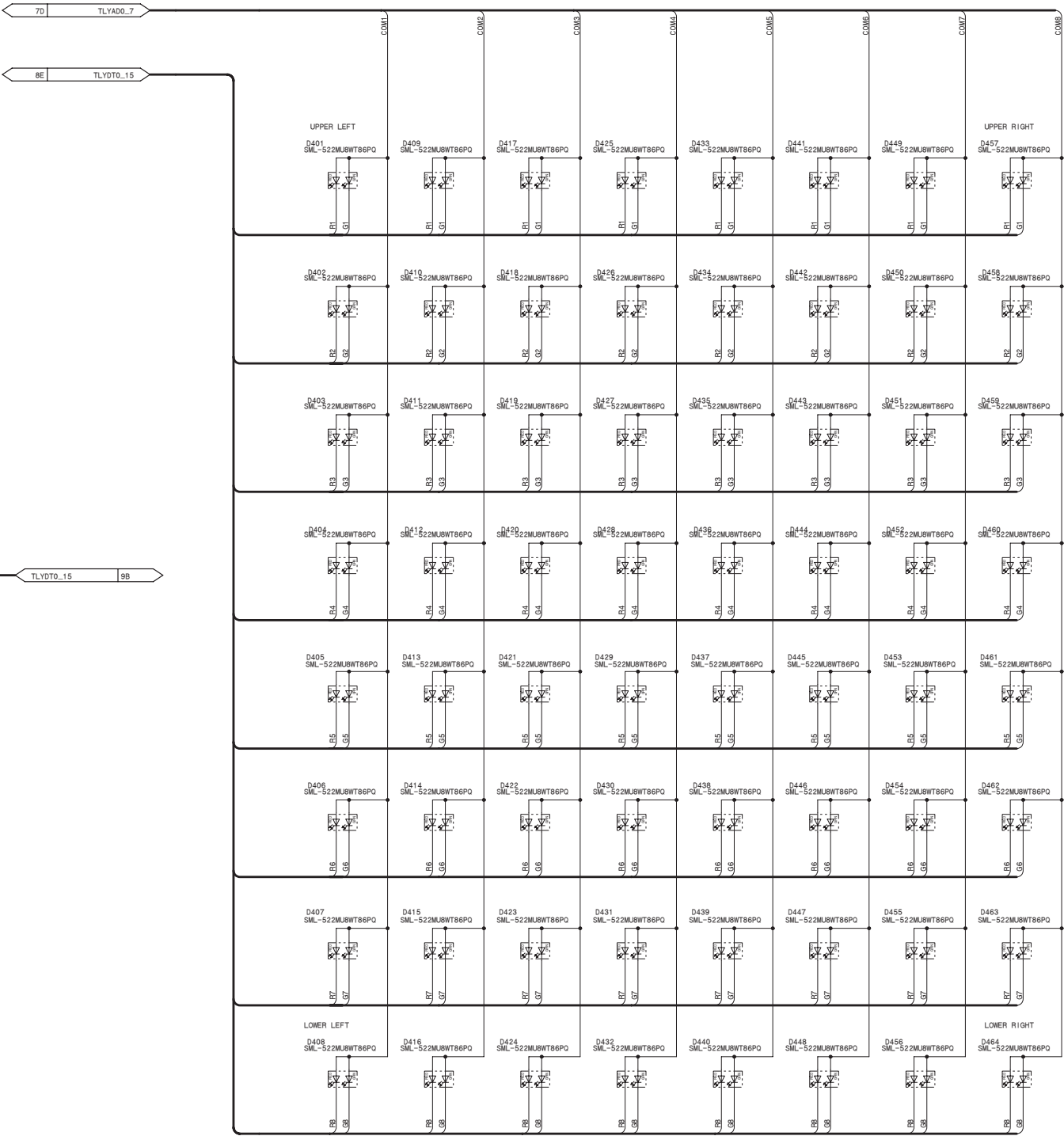
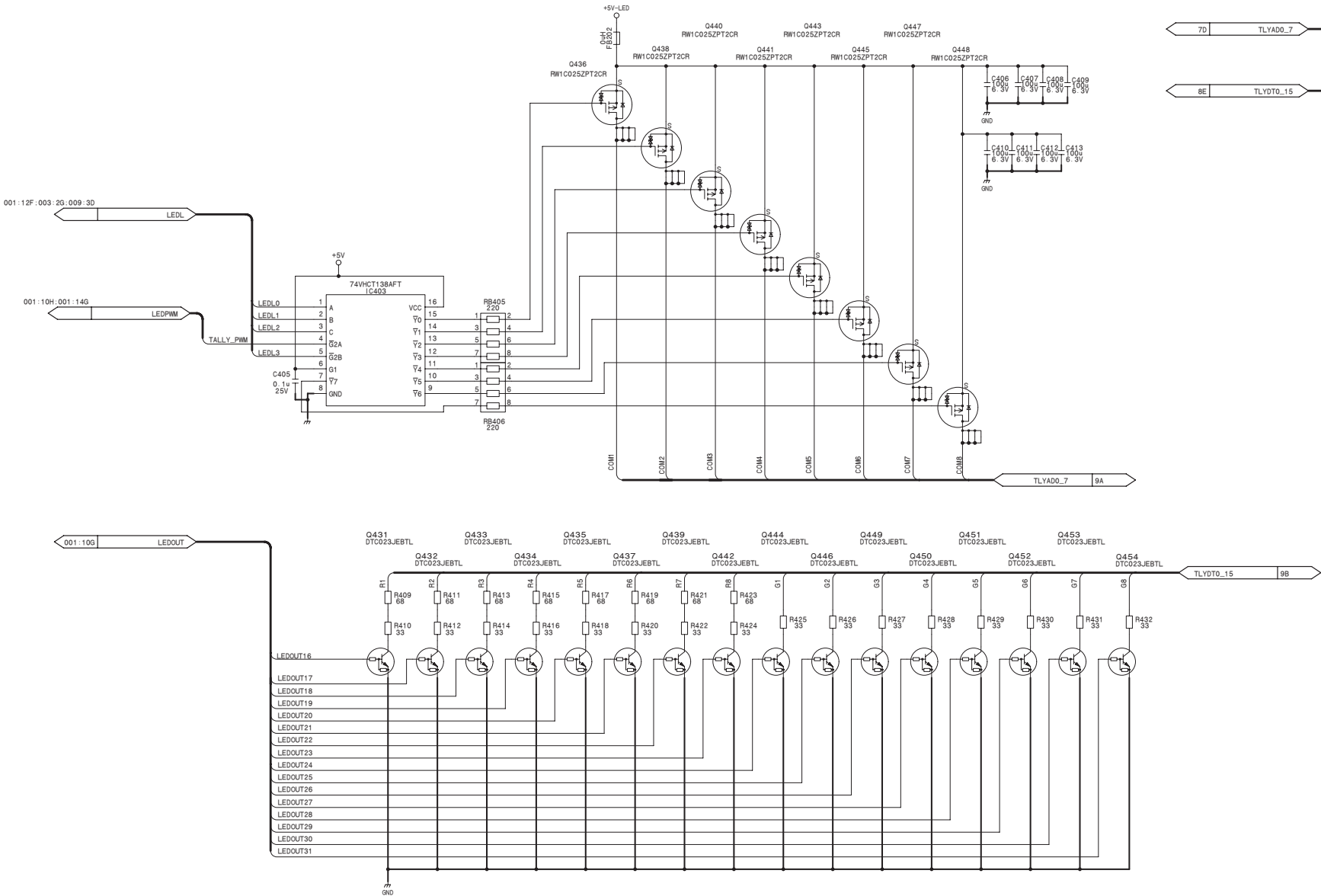
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4

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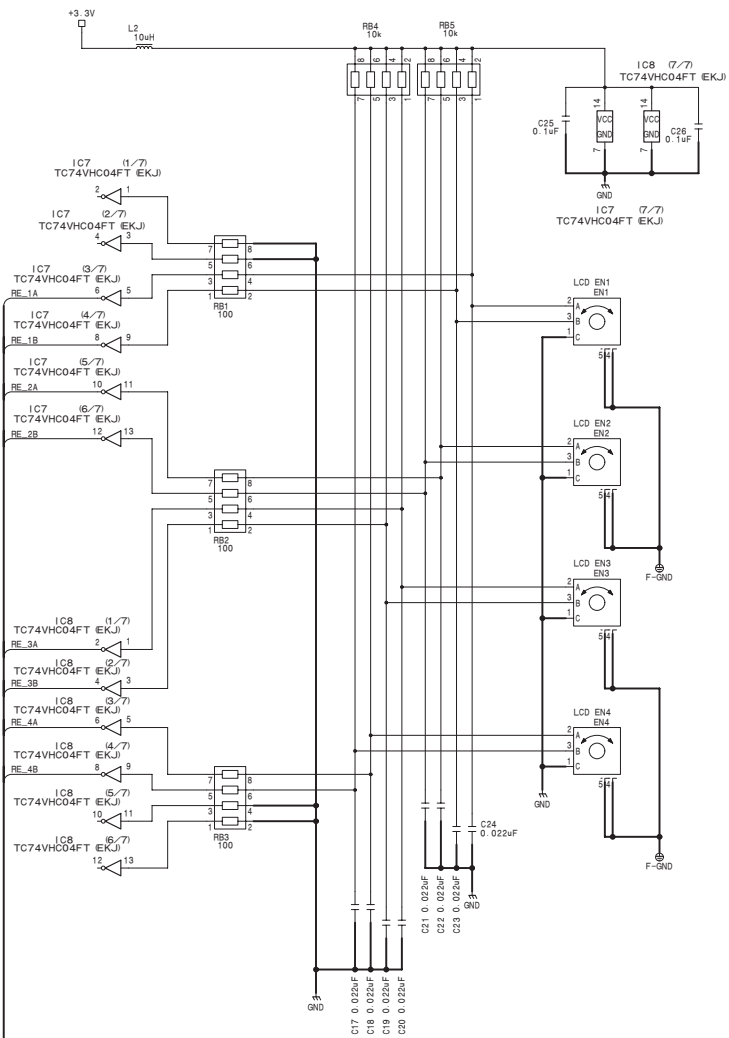
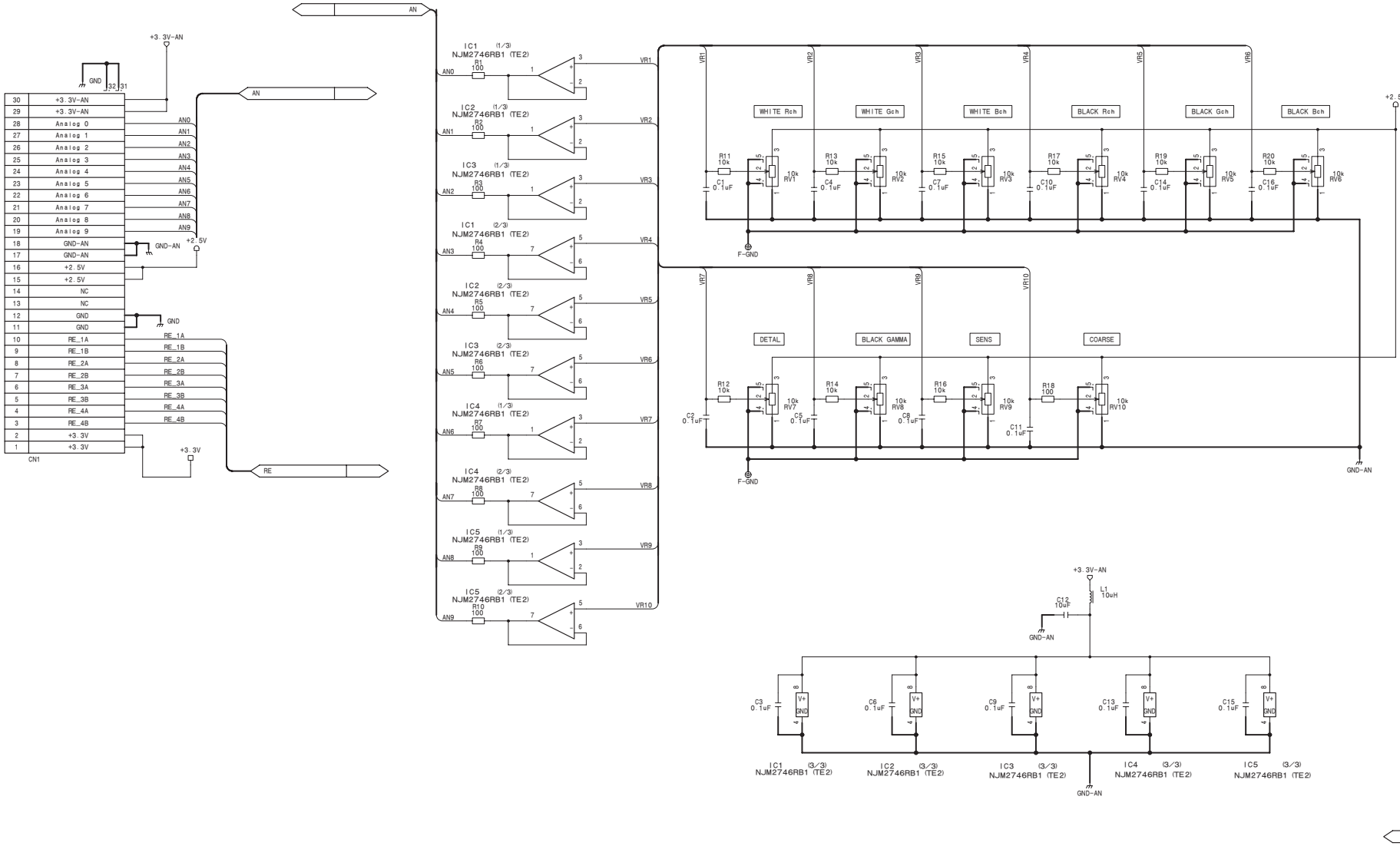
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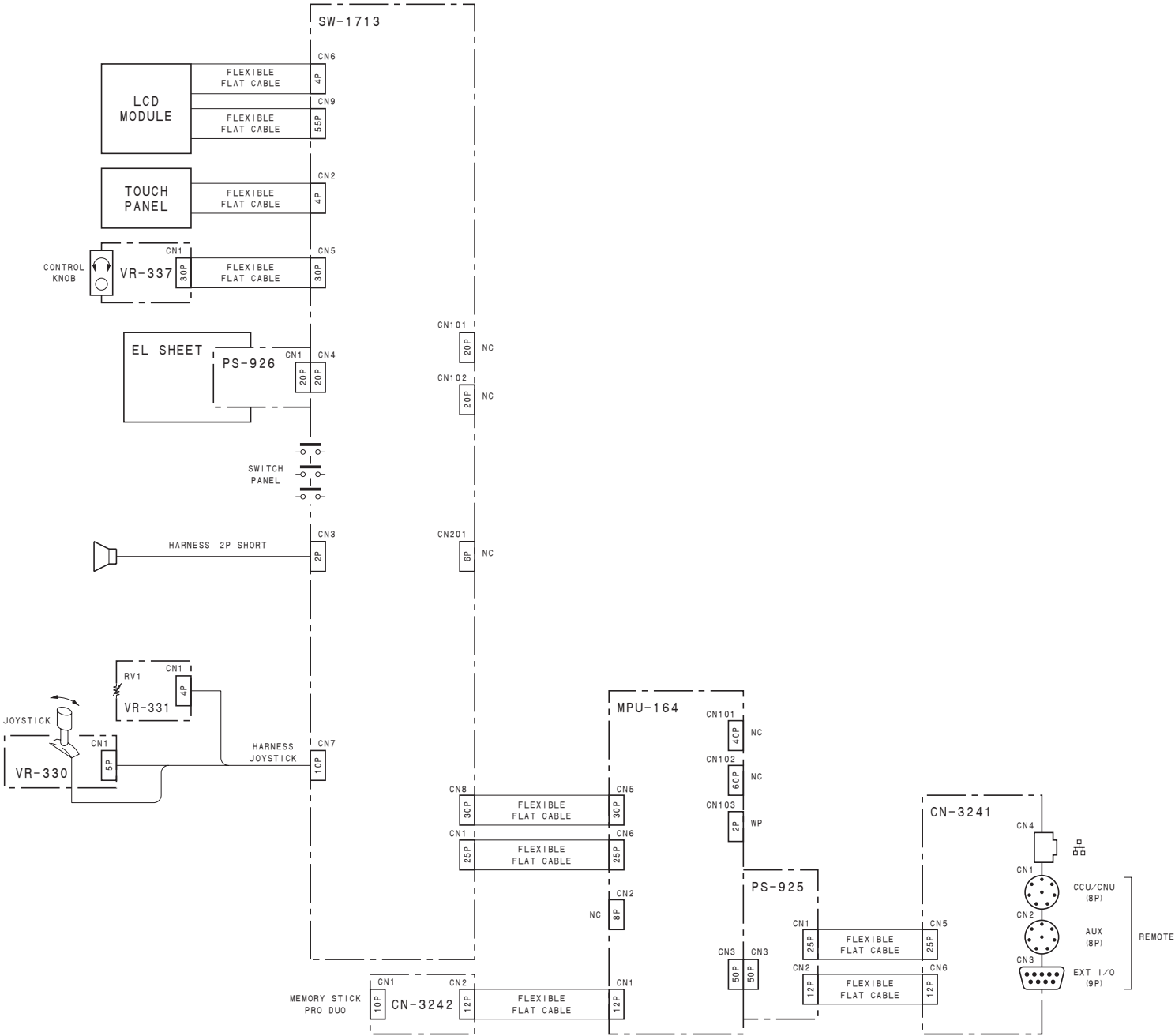
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4

5



VR-337
BOARD NO. 1-881-296-11
CAX-164_VR-337_021_1



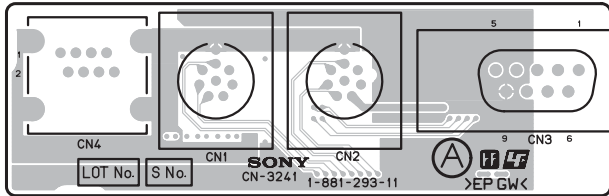
Frame Wiring

Section 5
Board Layouts

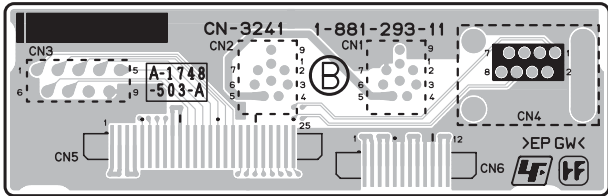
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Board name	Page
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SW-1713	5-7
VR-330	*
VR-331	*
VR-337	5-9
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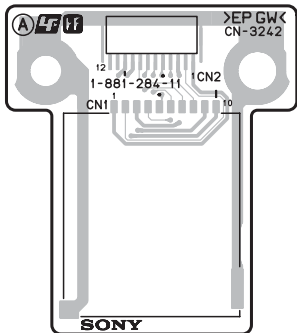
*1: The board layout of this board is not described in this manual.



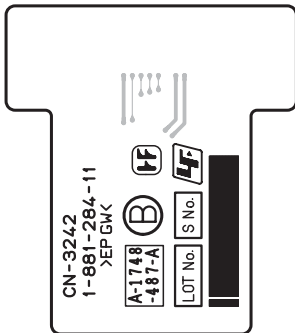
CN-3241 -A SIDE-
SUFFIX: -11



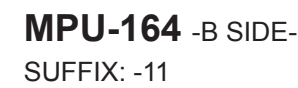
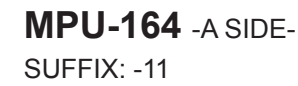
CN-3241 -B SIDE-
SUFFIX: -11



CN-3242 -A SIDE-
SUFFIX: -11



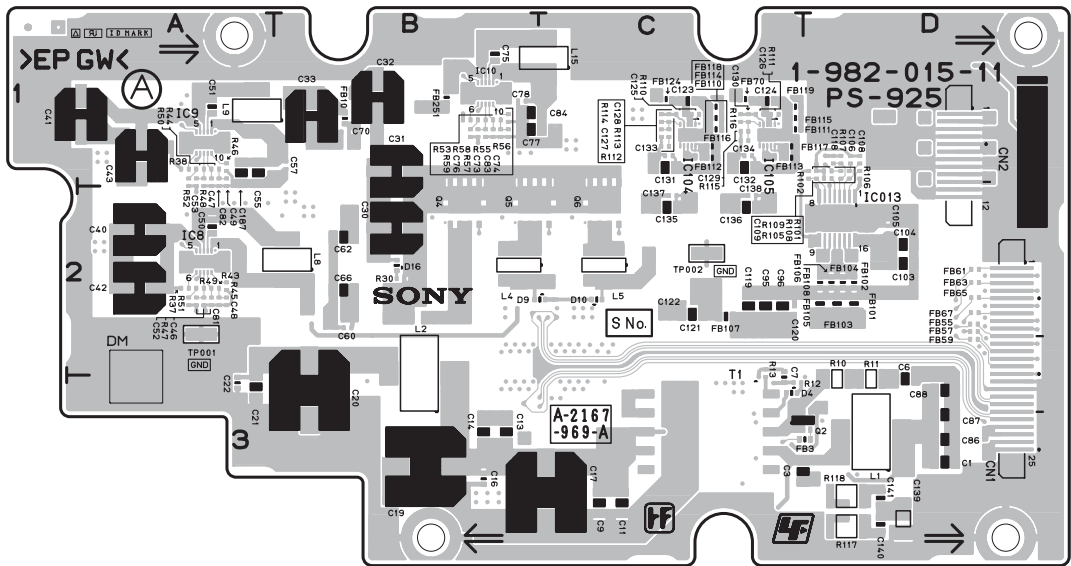
CN-3242 -B SIDE-
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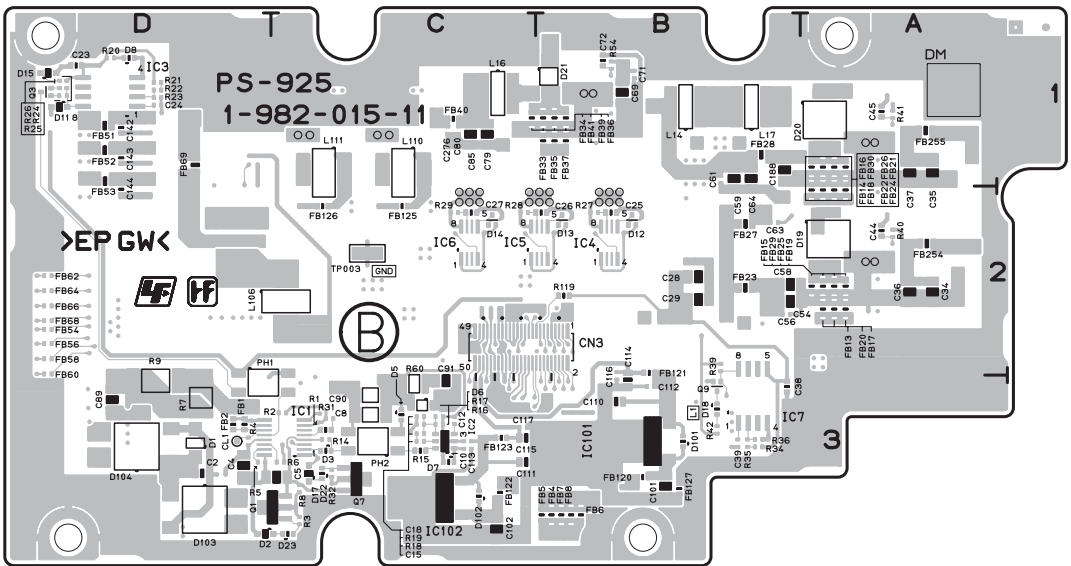
MPU-164 (1-982-016-11)

*:B SIDE

BT1	B3	C206	*B2	C524	C1	FB304	*C2	Q403	*F3	R86	*E2	R244	*E1	R413	*F3	R558	B1	X1	D2
		C207	*A2	C525	C1	FB401	F3	Q404	F3	R87	*E2	R245	*E1	R414	*A1	R559	B1	X501	D1
C1	C3	C208	*A2	C526	*B1	FB402	*F2	Q405	F3	R88	*E3	R246	*E1	R415	*F3	R560	B1	X502	B1
C2	A3	C209	*B2	C527	*B1	FB403	*B1	Q501	B2	R89	*E3	R247	*E1	R416	*F3	R561	B1		
C3	E2	C210	*A2	C528	C1	FB502	C2	Q502	B2	R90	*E3	R248	C1	R417	*F3	R562	B1		
C4	E2	C211	*A2	C529	B2	FB503	C2			R91	*E3	R249	*E2	R418	*F3	R563	B1		
C5	E2	C212	*A2	C530	B2	FB504	C2	R1	A1	R92	*E2	R250	*E2	R419	*F3	R564	B1		
C6	C3	C213	*A2	C531	B1	FB505	C2	R2	A1	R93	*E2	R251	*E2	R420	*F3	R565	B1		
C7	D2	C214	*A2	C532	B2	FB506	C2	R3	A1	R94	*E2	R252	*E2	R421	*F3	R566	B1		
C8	B3	C215	*A2	C533	B1	FB507	C2	R4	A1	R95	*E2	R253	*E2	R422	*F3	R567	B1		
C9	D2	C216	*A2	C534	B1	FB601	D1	R5	A1	R96	*E2	R254	*E2	R423	*A1	R568	B1		
C10	*F3	C217	*A2	C535	B1	FB602	*D1	R6	A1	R97	*E2	R255	*E2	R424	*F3	R569	B2		
C11	D2	C218	*A2	C536	B1	FB603	E2	R7	A1	R98	*E2	R256	*E2	R425	B1	R570	B2		
C12	*F3	C219	*A2	C537	B2	FB604	*E1	R8	A1	R99	*F2	R257	C1	R426	F3	R571	B2		
C13	D2	C220	*A2	C538	*C1	FB605	*D1	R9	A1	R100	E2	R258	C1	R427	F3	R572	B2		
C14	*E2	C221	*A2	C551	D2	FB701	*B1	R10	A1	R101	*E2	R259	*E1	R428	A1	R573	B1		
C15	E2	C222	*A2	C552	E2	FB702	*B1	R11	A1	R102	D2	R260	*E1	R429	A1	R574	B1		
C16	*D3	C223	*D1	C553	*D1	FB703	C1	R12	A1	R103	*F2	R261	*E1	R430	B1	R575	B1		
C17	E2	C224	*D1	C554	E2	FB704	B2	R13	A1	R104	D2	R262	*E1	R431	B1	R576	*E1		
C18	E3	C225	*D1	C555	*D2			R14	A1	R105	F2	R263	*E1	R432	A1	R577	*E1		
C19	D3	C226	*D1	C556	D2	IC1	C3	R15	A1	R106	*E2	R264	*E1	R433	B1	R578	E1		
C20	*E3	C227	D1	C557	D2	IC2	D2	R16	C3	R107	*F2	R265	*E1	R434	*B1	R579	E1		
C21	E2	C228	*F1	C558	D2	IC3	F2	R17	C3	R108	*F2	R266	*E1	R435	*B1	R580	E2		
C22	E3	C229	*E1	C559	D2	IC4	D2	R18	C3	R109	*F2	R267	*E2	R436	*A2	R581	E2		
C23	D3	C230	C1	C601	D1	IC5	C3	R19	C3	R110	*F2	R268	*E2	R437	*A2	R582	E2		
C24	E3	C231	C1	C602	*E1	IC6	*F3	R20	C3	R111	*F2	R269	*E2	R438	*B1	R583	E2		
C25	D2	C232	C1	C603	*D1	IC7	B3	R21	E2	R112	*F2	R270	*E2	R439	A1				
C26	D2	C233	D1			IC8	*F3	R22	E2	R113	*F2	R271	*E2	R440	*B1	RB1	A1		
C27	D2	C234	*E1	CL1	F2	IC9	E3	R23	A3	R114	*F2	R272	*E2	R441	*A1	RB2	A1		
C28	D2	C235	C1	CL2	C3	IC10	F2	R24	A3	R115	*F2	R273	*E2	R442	*A1	RB3	A1		
C29	E3	C236	C1	CL3	C2	IC11	E1	R25	D2	R116	F2	R274	*E2	R443	*A1	RB4	E2		
C30	E2	C237	*C1	CL4	C3	IC12	F2	R26	D2	R117	F2	R275	*E1	R444	*A1	RB5	D2		
C31	*E2	C238	*C1	CL6	*D2	IC13	E3	R27	B3	R118	F1	R276	*E1	R445	*A1	RB6	*E2		
C32	E3	C239	D1	CL7	E2	IC14	*E3	R28	B3	R119	*F1	R277	*E1	R446	*B1	RB7	*D2		
C33	*D3	C240	D2	CL8	E2	IC15	*F3	R29	E2	R120	*F1	R278	*E1	R447	*B2	RB8	D3		
C34	E3	C241	*E1	CL9	*D2	IC16	D2	R30	F2	R121	F1	R279	*E1	R501	D1	RB9	D3		
C35	F2	C242	D2	CL11	*E2	IC17	*D2	R31	A3	R122	A2	R280	*E1	R502	D1	RB10	D3		
C36	E1	C243	D2	CL12	F2	IC19	*D2	R32	B3	R123	A2	R281	*E1	R503	D1	RB11	D3		
C37	F2	C244	*C2	CL13	B3	IC20	F2	R33	D2	R124	A2	R282	*E1	R504	D1	RB12	E3		
C38	F3	C245	*C2	CL014	D3	IC21	*D3	R34	*F2	R125	F2	R283	C2	R505	D1	RB13	*E3		
C39	*E3	C246	*C2	CL201	*A2	IC22	F2	R35	B2	R126	F2	R284	C2	R506	*E1	RB14	*E3		
C40	*F3	C247	C2	CL202	*A2	IC23	F2	R36	B2	R127	F2	R285	C2	R507	D1	RB15	*E3		
C41	D2	C248	C2	CL203	*A2	IC24	F2	R37	B2	R128	F2	R286	C2	R508	E1	RB16	*E3		
C42	*D3	C249	C2	CL204	*A2	IC25	*E3	R38	B2	R129	F2	R287	D2	R509	*E1	RB17	*E3		
C43	*D2	C250	D2	CL401	F2	IC26	*C3	R39	B3	R130	F2	R288	C2	R510	*E1	RB18	*E3		
C44	*D2	C251	D2	CL402	F2	IC27	*D2	R40	B3	R131	*E2	R289	C2	R511	*E1	RB19	*E3		
C45	*E2	C252	*C2	CL501	B2	IC28	*F2	R41	D2	R132	E2	R290	C2	R512	*E1	RB20	*E3		
C53	*C3	C253	*C2			IC29	*F2	R42	B2	R133	D2	R291	C2	R513	E2	RB21	*D3		
C54	*D2	C254	D1	CN1	*F1	IC30	*F2	R43	C3	R201	A3	R292	C2	R514	E2	RB22	*D3		
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C56	*F2	C256	*D2	CN3	*E2	IC32	F2	R45	*F3	R203	A3	R294	C2	R516	*E1	RB24	*D3		
C57	*F2	C257	*C1	CN5	B2	IC34	D2	R46	D2	R204	B2	R295	C2	R517	E2	RB25	E2		
C58	*F2	C258	*C2	CN6	C2	IC035	D3	R47	D2	R205	*B2	R296	C2	R518	E2	RB26	*F2		
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C61	F2	C261	D2	CN103	*F1	IC207	*F1	R50	D2	R208	D1	R299	C2	R521	B2	RB204	C2		
C62	F2	C262	C1			IC208	*E1	R51	D2	R209	*F2	R300	C2	R522	B2	RB205	C2		
C63	F2	C270	A3	D1	A3	IC209	C2	R52	D2	R210	*F2	R301	C2	R523	C1	RB206	F1		
C64	F1	C401	*F2	D2	F2	IC210	*E1	R53	*E2	R211	*F2	R302	C2	R524	C1	RB207	F1		
C65	F2	C402	B1	D3	B3	IC211	*E1	R54	E2	R212	*F2	R303	C2	R525	C1	RB208	E1		
C66	F1	C403	A1	D4	F2	IC212	*D2	R55	E2	R213	*F2	R304	C2	R526	C1	RB209	E1		
C67	A2	C404	A1	D401	*F3	IC213	*D1	R56	E2	R214	*F2	R305	C2	R527	*C1	RB210	E1		
C68	A2	C405	*B1	D402	*F2	IC214	*D1	R57	E1	R215	*F2	R306	C2	R528	*C1	RB211	E1		
C69	F2	C406	*B1	D403	*F3	IC215	*D1	R58	E1	R216	*E2	R307	C2	R529	*C1	RB212	E1		
C70	F2	C407	F2	D404	F3	IC216	*D1	R59	F2	R217	*F1	R308	C2	R530	*C1	RB213	E1		
C71	F2	C408	F3	D405	F3	IC217	D2	R60	F2	R218	*F1	R309	C2	R531	*C1	RB214	*D2		
C72	F2	C409	*F2	D501	B2	IC401	*F2	R61	E1	R219	*F1	R310	A3	R532	*C1	RB215	*D2		
C73	F2	C410	*F2	D502	B2	IC402	*A1	R62	E1	R220	*F1	R311	A3	R533	*C1	RB216	*C2		
C075	D2	C411	*B1			IC501	E1	R63	F2	R221	*F1	R312	A3	R534	*C1	RB217	*C2		
C076	D3	C501	E1	E1	C3	IC502	*B1	R64	F2	R222	*F1	R313	A3	R535	B2	RB220	B2		
C077	D3	C502	D1	E501	E1	IC503	B1	R65	E2	R223	*F1	R314	*A2	R536	B1	RB221	B2		
C078	D3	C503	D1			IC504	D1	R66	E2	R224	*E1	R315	A3	R537	B2	RB222	B2		
C079	D3	C504	*D1	FB001	C3	IC505	E1	R67	E2	R225	D1	R316	D1	R538	B1	RB401	F3		
C080	D3	C505	D1	FB002	*C3	IC506	C2	R68	E2	R226	D1	R317	B2	R539	B1	RB402	F2		
C081	D2	C506	D1	FB003	A3	IC507	E1	R69	E2	R227	*E2	R318	B2	R540	C1	RB403	F3		
C082	*C3	C508	*E1	FB004	D2			R70	E3	R228	*E2	R319	B2	R541	C1	RB404	F3		
C083	*D3	C509	*E1	FB005	D2	JC401	F2	R71	E3	R229	*E2	R320	B2	R542	B2	RB405	*F3		
C084	*D2	C510	E1	FB006	*E2	JC402	F2	R72	*D2	R230	*E2	R321	*B2	R543	B2	RB501	B2		
C085	*D2	C511	E1	FB007	*D2			R73	*D2	R231	*E2	R322	*A2	R544	B2	RB502	B1		
C086	*D2	C512	*E1	FB008	*E3	L506	C1	R74	D1	R232	*E2	R401	*F2	R545	B1				
C087	*D3	C513	*E1	FB009	C3	L507	C1	R75	D2	R233	*E2	R402	*F2	R546	B1	RY401	F2		
C088	*D2	C514	*E1	FB010	*D3			R76	*D3	R234	*E2	R403	*F2	R547	B2				
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C090	*F2	C516	C1	FB012	*F2	PH502	*E1	R78	*D3	R236	D1	R405	*F3	R550	B2	S5	*A1		
C091	*F2	C517	C1	FB013	F2			R79	*D3	R237	D1	R406	*F3	R551	B2	S101	*A3		
C092	F1	C518	*C1	FB201	A3	Q1	B3	R80	*E3	R238	D1	R407	*F3	R552	B2	S102	*A2		
C201	*A2	C519	*C1	FB202	B2	Q2	B3	R81	*E3	R239	D1	R408	*F3	R553	B2				
C202	*B2	C520	*C1	FB203	*B2	Q4	F1	R82	*E3	R240	*E1	R409							



PS-925 -A SIDE-
SUFFIX: -11



PS-925 -B SIDE-
SUFFIX: -11

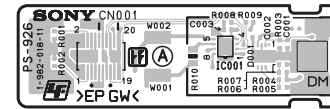
PS-925 (1-982-015-11)

*:B SIDE

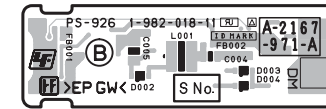
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C3	*D3	C33	B1	C64	*B1	C105	D2	C137	C2	D14	*C2	FB20	*A2	FB63	D2	FB125	*C2	L16	*C1	R14	*C3	R46	A1			
C3	C3	C34	*A2	C66	B2	C106	D1	C138	C2	D15	*D1	FB21	*A1	FB64	*D2	FB126	*C2	L17	*B1	R15	*C3	R47	A2	T1	C3	
C4	*D3	C35	*A1	C69	*B1	C108	D1	C139	D3	D16	B2	FB22	*A2	FB65	D2	FB127	*B3	L106	*C2	R16	*C3	R48	A1			
C5	*C3	C36	*A2	C70	B1	C109	D1	C140	D3	D17	*C3	FB23	*B2	FB66	*D2	FB251	B1	L110	*C1	R17	*C3	R49	A2	TP001	A2	
C6	D3	C37	*A1	C71	*B1	C110	*B3	C141	D3	D18	*B3	FB24	*A2	FB67	D2	FB254	*A2	L111	*C1	R18	*C3	R50	A1	TP002	C2	
C7	C3	C38	*B3	C72	*B1	C111	*C3	C142	*D1	D19	*A2	FB25	*A2	FB68	*D2	FB255	*A1			R19	*C3	R51	A2	TP003	*C2	
C8	*C3	C39	*B3	C73	B1	C112	*B3	C143	*D1	D20	*A1	FB26	*A1	FB69	*D1			PH1	*D3	R20	*D1	R52	A1			
C9	C3	C40	A2	C74	B1	C113	*C3	C144	*D2	D21	*B1	FB27	*B2	FB70	C1	IC1	*C3	PH2	*C3	R21	*D1	R53	B1			
C10	*C3	C41	A1	C75	B1	C114	*B3	C187	A1	D22	*C3	FB28	*B1	FB101	D2	IC2	*C3			R22	*D1	R54	*B1			
C11	C3	C42	A2	C76	B1	C115	*C3	C188	*B1	D23	*C3	FB29	*A2	FB102	D2	IC3	*D1	Q1	*C3	R23	*D1	R55	B1			
C12	*C3	C43	A1	C77	B1	C116	*B3	C276	*C1	D101	*B3	FB30	*A1	FB103	D2	IC4	*B2	Q2	C3	R24	*D1	R56	B1			
C13	B3	C44	*A2	C78	B1	C117	*C3			D102	*C3	FB33	*B1	FB104	D2	IC5	*B2	Q3	*D1	R25	*D1	R57	B1			
C14	B3	C45	*A1	C79	*C1	C118	D1	CL1	*D3	D103	*D3	FB34	*C1	FB105	D2	IC6	*C2	Q4	B2	R26	*D1	R58	B1			
C15	*C3	C46	A2	C80	*C1	C119	D2			D104	*D3	FB35	*B1	FB106	D2	IC7	*B3	Q5	B2	R27	*B2	R59	B1			
C16	B3	C47	A1	C81	A2	C120	C2	CN1	D2			FB36	*B1	FB107	C2	IC8	A2	Q6	C2	R28	*C2	R60	*C3			
C17	C3	C48	A2	C82	A1	C121	C2	CN2	D1	FB1	*D3	FB37	*B1	FB108	D2	IC9	A1	Q7	*C3	R29	*C2	R101	D1			
C18	*C3	C49	A1	C83	B1	C122	C2	CN3	*C2	FB2	*D3	FB39	*B1	FB110	C1	IC10	B1	Q9	*B3	R30	B2	R102	D1			
C19	B3	C50	A2	C84	B1	C123	C1			FB3	D3	FB40	*C1	FB111	C1	IC013	D2			R31	*C3	R105	D1			
C20	B3	C51	A1	C85	*C1	C124	C1	D1	*D3	FB4	*B3	FB41	*B1	FB112	C1	IC101	*B3	R1	*C3	R32	*C3	R106	D1			
C21	A3	C52	A2	C86	D3	C125	C1	D2	*D3	FB5	*B3	FB51	*D1	FB113	C1	IC102	*C3	R2	*C3	R34	*B3	R107	D1			
C22	A3	C53	A1	C87	D3	C126	C1	D3	*C3	FB6	*B3	FB52	*D1	FB114	C1	IC104	C1	R3	*C3	R35	*B3	R108	D1			
C23	*D1	C54	*B2	C88	D3	C127	C1	D4	C3	FB7	*B3	FB53	*D1	FB115	C1	IC105	C1	R4	*D3	R36	*B3	R109	D1			
C24	*D1	C55	A1	C89	*D3	C128	C1	D5	*C3	FB8	*B3	FB54	*D2	FB116	C1			R5	*D3	R37	A2	R110	C1			
C25	*B2	C56	*B2	C90	*C3	C129	C1	D6	*C3	FB10	B1	FB55	D2	FB117	C1	L1	D3	R6	*C3	R38	A1	R111	C1			
C26	*B2	C57	B1	C91	*C3	C130	C1	D7	*C3	FB13	*A2	FB56	*D2	FB118	C1	L2	B2	R7	*D3	R39	*B2	R112	C1			
C27	*C2	C58	*B2	C95	C2	C131	C1	D8	*D1	FB14	*A2	FB57	D2	FB119	C1	L4	B2	R8	*C3	R40	*A2	R113	C1			
C28	*B2	C59	*B1	C96	C2	C132	C1	D9	C2	FB15	*A2	FB58	*D2	FB120	*B3	L5	C2	R9	*D3	R41	*A1	R114	C1			
C29	*B2	C60	B2	C101	*B3	C133	C1	D10	C2	FB16	*A1	FB59	D2	FB121	*B2	L8	B2	R10	D3	R42	*B3	R115	C1			
C30	B2	C61	*B1	C102	*C3	C134	C1	D11	*D1	FB17	*A2	FB60	*D2	FB122	*C3	L9	A1	R11	D3	R43	A2	R116	C1			
C31	B1	C62	B2	C103	D2	C135	C2	D12	*B2	FB18	*A2	FB61	D2	FB123	*C3	L14	*B1	R12	C3	R44	A1	R117	D3			
																							R118	D3		

PS-926

PS-926



PS-926 -A SIDE-SUFFIX: -11

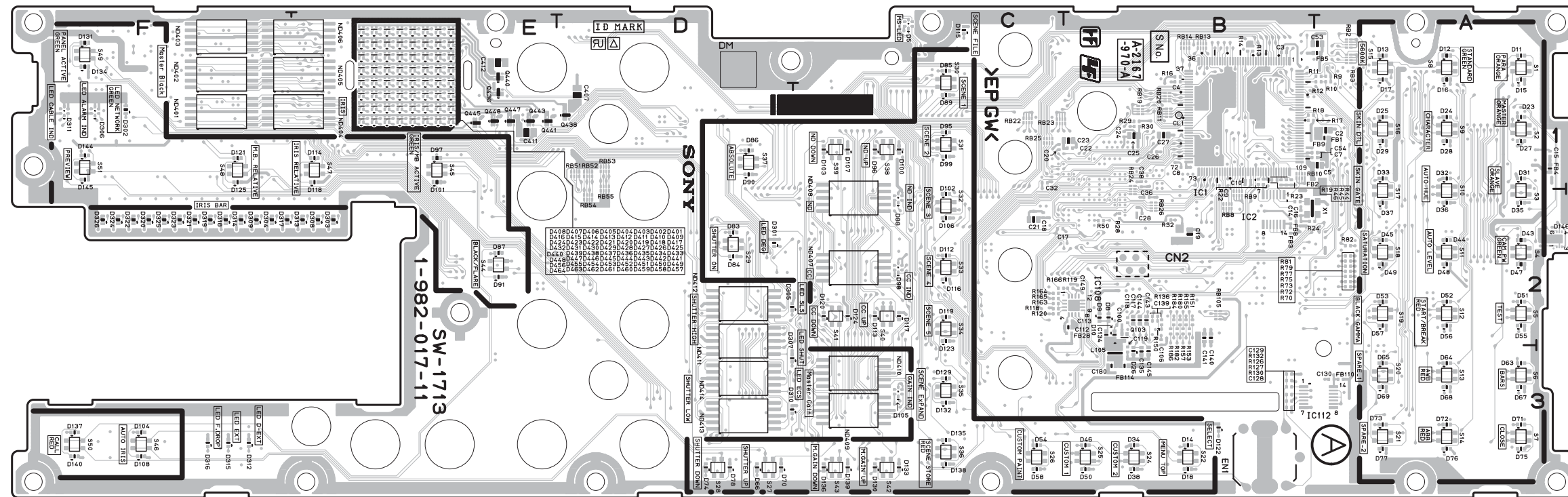


PS-926 -B SIDE-SUFFIX: -11

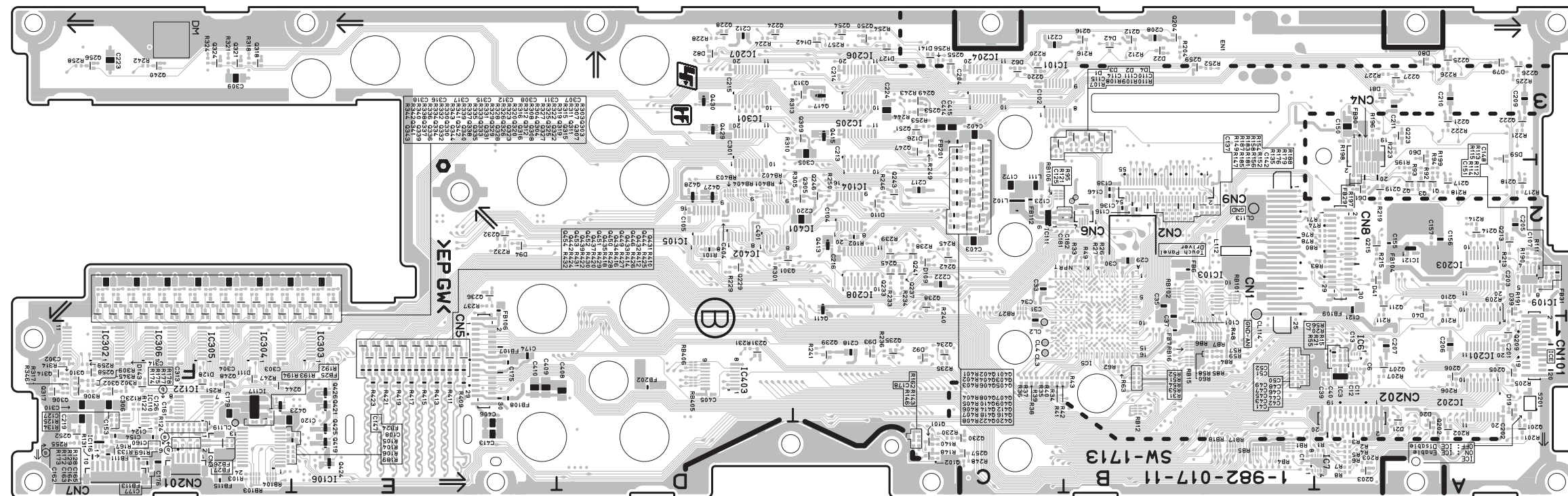
PS-926 (1-982-018-11)

*:B SIDE

C001	A1	D003	*A1	R001	A1	W001	A1
C002	A1	D004	*A1	R002	A1	W002	A1
C003	A1			R003	A1		
C004	*A1	FB001	*A1	R004	A1		
C005	*A1	FB002	*A1	R005	A1		
				R006	A1		
CN001	A1	IC001	A1	R007	A1		
				R008	A1		
D001	A1	L001	*A1	R009	A1		
D002	*A1			R010	A1		



SW-1713 -A SIDE-SUFFIX: -11

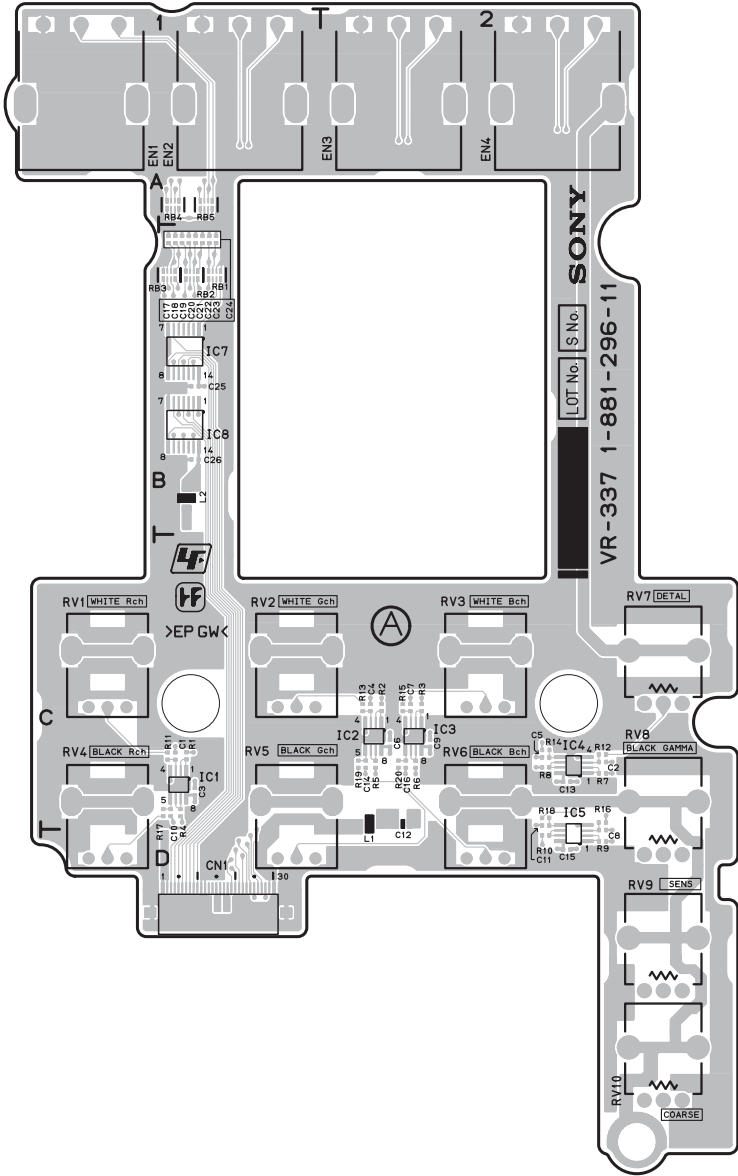


SW-1713 -B SIDE-
SUFFIX: -11

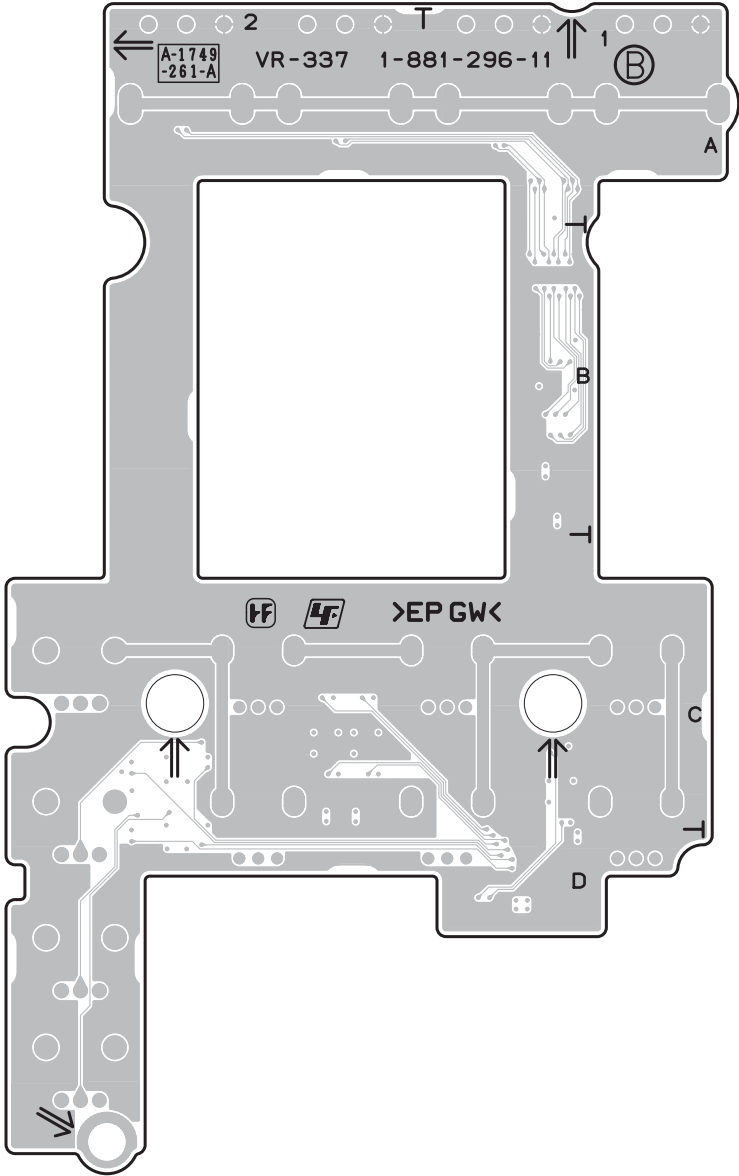
SW-1713 (1-982-017-11)

*:B SIDE

C1	*B1	C143	B2	CL4	*C1	D76	A3	D321	F2	FB106	*E2	Q216	*B3	Q404	*C3	R41	*C1	R163	C2	R259	*F1	RB12	*B1
C2	A1	C144	B2	CL113	*B2	D77	A3	D322	F2	FB107	*E1	Q217	*A2	Q405	*C2	R42	*C1	R164	C2	R301	*D2	RB13	B1
C3	B1	C145	B3	CL114	*B2	D78	D3	D323	F2	FB108	*E1	Q218	*A2	Q406	*C2	R43	*B1	R165	C2	R302	*F1	RB14	B1
C4	B1	C146	*B2	CL119	*F1	D79	*A3	D324	F2	FB109	*A2	Q219	*A2	Q407	*C2	R44	B1	R166	C2	R303	*E2	RB15	*B1
C5	A1	C147	*F1			D80	*A3	D325	F2	FB110	A3	Q220	*C3	Q408	*C2	R45	B1	R167	*F1	R304	*F2	RB16	*B1
C6	*A1	C148	*A2	CN1	*B2	D81	*A3	D326	F2	FB111	*F1	Q221	*A3	Q409	*C2	R46	B1	R169	*F1	R305	*D2	RB17	*B1
C7	A1	C149	B2	CN2	*B2	D82	*D3	D401	E1	FB112	*C2	Q222	*A3	Q410	*C2	R48	*B1	R172	*F1	R306	*F1	RB18	*B1
C8	B1	C150	*A3	CN3	*F1	D83	D2	D402	E1	FB113	*F1	Q223	*A3	Q411	*C2	R49	*B2	R173	*F1	R307	*E2	RB19	B1
C9	B1	C151	*A2	CN4	*A3	D84	D2	D403	E1	FB114	B3	Q224	*D3	Q412	*C2	R50	B2	R174	*F1	R308	*F2	RB20	B1
C10	B1	C153	*F1	CN5	*E1	D85	C1	D404	E1	FB115	*F1	Q225	*A3	Q413	*C2	R51	*B1	R175	*F1	R309	*F1	RB22	C1
C11	*A1	C154	*F1	CN6	*B2	D86	D1	D405	E1	FB201	*C3	Q226	*A3	Q414	*C2	R52	*B1	R176	*B2	R310	*D3	RB23	C1
C12	*A1	C155	*A2	CN7	*F1	D87	E2	D406	E1	FB202	*D1	Q227	*A3	Q415	*C3	R53	*B1	R177	*F1	R311	*E2	RB24	B2
C13	*A1	C156	*A2	CN8	*A2	D88	C2	D407	E1			Q228	*D3	Q416	*C2	R54	*B1	R178	*F1	R312	*F2	RB25	C1
C14	B2	C157	*A2	CN9	*B2	D89	C1	D408	E1	IC1	B1	Q229	*D2	Q417	*C3	R55	*A1	R179	*B2	R313	*C3	RB26	B2
C15	A1	C160	*F1	CN101	*A1	D90	D1	D409	E1	IC2	B2	Q230	*C1	Q418	*C2	R56	*A1	R180	B2	R314	*F1	RB27	*C2
C16	B2	C161	*F1	CN201	*F1	D91	E2	D410	E1	IC3	*A1	Q231	*D1	Q419	*E1	R57	*B1	R181	*B2	R315	*E2	RB51	D1
C17	C2	C162	*F1	CN202	*A1	D92	*C1	D411	E1	IC5	*B2	Q232	*E2	Q420	*C2	R58	*B1	R182	B2	R316	*F2	RB52	D1
C18	C2	C163	*F1			D93	*C1	D412	E1	IC6	*A1	Q233	*C2	Q421	*E1	R59	*B1	R183	*B2	R317	*F1	RB53	D1
C19	B2	C164	*F1	D1	*C3	D94	*E2	D413	E1	IC7	*A1	Q234	*C1	Q422	*C2	R60	*B1	R184	B2	R318	*F3	RB54	D2
C20	C1	C165	*F1	D2	*B3	D95	C1	D414	E1	IC101	*C3	Q235	*C1	Q423	*F1	R62	*B1	R185	*B2	R319	*E2	RB55	D1
C21	C2	C172	*C2	D3	*B3	D96	C1	D415	E1	IC103	*B2	Q236	*E2	Q424	*E1	R63	*B1	R186	B2	R320	*F2	RB101	*B2
C22	B1	C174	*E1	D4	*B3	D97	E1	D416	E1	IC104	*C2	Q237	*C2	Q425	*E1	R70	A2	R187	*B2	R321	*F3	RB102	*B2
C23	B1	C175	*E1	D5	C1	D98	C2	D417	E1	IC105	*D2	Q238	*C2	Q426	*E1	R71	*A2	R188	*B2	R322	*E2	RB103	*F1
C24	B1	C176	*F1	D7	*A1	D99	C1	D418	E1	IC106	*F1	Q239	*C1	Q427	*D2	R72	A2	R189	*F1	R323	*F2	RB104	*F1
C25	B1	C177	*F1	D8	B2	D100	C1	D419	E1	IC108	B2	Q240	*F3	Q428	*D2	R73	A2	R190	*A2	R324	*F3	RB105	B2
C26	B1	C178	*C1	D9	B2	D101	E1	D420	E1	IC109	*A2	Q241	*C2	Q429	*D3	R74	*A2	R191	*A2	R325	*F2	RB106	*C2
C27	B1	C179	*F1	D10	B2	D102	C2	D421	E1	IC110	*F1	Q242	*C2	Q430	*D3	R75	A2	R192	*F1	R326	*F2	RB401	*D2
C28	B2	C180	B3	D11	A1	D103	C1	D422	E1	IC111	*C2	Q243	*C2	Q431	*E1	R76	*A2	R193	*F1	R327	*F2	RB402	*D2
C29	*B2	C181	*C2	D12	A1	D104	F3	D423	E1	IC112	A3	Q244	*F1	Q432	*E1	R77	A2	R194	*F1	R328	*F2	RB403	*D2
C30	*B2	C182	*B2	D13	A1	D105	C3	D424	E1	IC116	*F1	Q245	*C2	Q433	*E1	R78	*A2	R195	*A2	R329	*F2	RB404	*D2
C31	*C1	C201	*A1	D14	B3	D106	C2	D425	E1	IC117	*F1	Q246	*C2	Q434	*E1	R79	A2	R196	*A3	R330	*F2	RB405	*D1
C32	C1	C202	*A1	D15	A1	D107	C1	D426	E1	IC121	*A2	Q247	*C3	Q435	*E1	R80	*A2	R197	*A2	R331	*F2	RB406	*D1
C33	*C2	C203	*A2	D16	A1	D108	F3	D427	E1	IC122	*F1	Q248	*F1	Q436	E1	R81	A2	R198	*A3	R332	*F2		
C34	*C2	C204	*C3	D17	A1	D109	*C2	D428	E1	IC201	*A1	Q249	*C3	Q437	*E1	R82	A2	R199	*A2	R333	*F2	S1	A1
C35	*B2	C205	*A2	D18	B3	D110	*C2	D429	E1	IC202	*A1	Q250	*C3	Q438	D1	R83	*A2	R201	*A1	R334	*F2	S2	A1
C36	B2	C206	*A1	D19	*A1	D111	*F1	D430	E1	IC203	*A2	Q251	*C3	Q439	*E1	R84	*B1	R202	*A1	R335	*F2	S3	A2
C37	*B1	C207	*A1	D20	*A1	D112	C2	D431	E1	IC204	*C3	Q252	*F1	Q440	E1	R85	*B1	R203	*A1	R336	*F2	S4	A2
C38	B1	C208	*B3	D21	*A1	D113	C2	D432	E1	IC205	*C3	Q253	*C3	Q441	E1	R92	*A2	R204	*B3	R337	*F2	S5	A2
C39	*A1	C209	*A3	D22	*B3	D114	E1	D433	E1	IC206	*C3	Q254	*C3	Q442	*E1	R93	*A2	R205	*A1	R338	*F2	S6	A3
C40	*A1	C210	*A3	D23	A1	D115	C1	D434	E1	IC207	*D3	Q255	*C3	Q443	E1	R94	*A2	R206	*A1	R339	*F2	S7	A3
C41	*B1	C211	*A3	D24	A1	D116	C2	D435	E1	IC208	*C2	Q256	*F3	Q444	*E1	R95	*B2	R207	*A1	R340	*F2	S8	A1
C42	*B1	C212	*D3	D25	A1	D117	C2	D436	E1	IC301	*D3	Q257	*C1	Q445	E1	R101	*D2	R209	*A1	R341	*F2	S9	A1
C43	*B1	C213	*C3	D26	B3	D118	E1	D437	E1	IC302	*F1	Q258	*F1	Q446	*E1	R102	*C2	R210	*A2	R342	*F2	S10	A2
C44	*B1	C214	*C3	D27	A1	D119	C2	D438	E1	IC303	*E1	Q259	*B3	Q447	E1	R103	*F1	R211	*A2	R343	*F2	S11	A2
C45	*B1	C215	*D3	D28	A1	D120	C2	D439	E1	IC304	*F1	Q301	*D2	Q448	E1	R104	*F1	R212	*B3	R344	*F2	S12	A2
C46	*B1	C216	*C2	D29	A1	D121	F1	D440	E1	IC305	*F1	Q302	*F1	Q449	*E1	R105	*F1	R213	*A2	R345	*F1	S13	A3
C47	*B1	C217	*C2	D31	A1	D122	B3	D441	E1	IC306	*F1	Q303	*E2	Q450	*E1	R106	*F1	R214	*A2	R346	*F1	S14	A3
C48	*B1	C218	*C1	D32	A1	D123	C2	D442	E1	IC401	*D2	Q304	*F2	Q451	*E1	R107	*C3	R215	*A2	R401	*C3	S15	A1
C49	*B1	C219	*F1	D33	A1	D124	C2	D443	E1	IC402	*D2	Q305	*C2	Q452	*E1	R108	*B3	R216	*B3	R402	*C3	S16	A1
C50	*B1	C220	*C2	D34	B3	D125	F1	D444	E1	IC403	*D1	Q306	*F1	Q453	*E1	R109	*B3	R217	*A2	R403	*C2	S17	A2
C51	*B1	C221	*C3	D35	A2	D126	*C3	D445	E1			Q307	*E2	Q454	*E1	R110	*B3	R218	*A2	R404	*C2	S18	A2
C52	*B1	C222	*C2	D36	A2	D127	*C3	D446	E1	L102	*C2	Q308	*F2			R111	*A2	R219	*A2	R405	*C2	S19	A2
C53	A1	C223	*F3	D37	A2	D128	*F1	D447	E1	L105	B3	Q309	*C3	R1	*A1	R112	*A2	R220	*C3	R406	*C2	S20	A3
C54	A1	C224	*C3	D38	B3	D129	C3	D448	E1	L111	*C2	Q310	*F1	R2	*A1	R113	*A2	R221	*A3	R407	*C2	S21	A3
C100	B2	C301	*D3	D39	*A2	D130	C3	D449	E1	L112	*B2	Q311	*E2	R3	*A1	R114	*A2	R222	*A3	R408	*C2	S22	B3
C101	*B1	C302	*F1	D40	*A2	D131	F1	D450	E1			Q312	*F2	R4	*A1	R115	*A2	R223	*A3	R409	*E1	S24	B3
C102	*C3	C303	*F1	D41	*A2	D132	C3	D451	E1	ND401	F1	Q313	*C3	R5	*A1	R118	C2	R224	*D3	R410	*E1	S25	B3
C104	*C2	C304	*F1	D42	*B3	D133	C3	D452	E1	ND402	F1	Q314	*F1	R6	*A1	R119	B2	R225	*A3	R411	*E1	S26	C3
C105	*D2	C305	*C3	D43	A2	D134	F1	D453	E1	ND403	F1	Q315	*E2	R7	*A1	R120	C2	R226	*A3	R412	*E1	S27	D3
C106	B2	C306	*F1	D44	A2	D135	C3	D454	E1	ND404	E1	Q316	*F2	R8	*A1	R121	*B2	R227	*A3	R413	*E1	S28	D3
C107	*A2	C307	*E2	D45	A2	D136	C3	D455	E1	ND405	E1	Q317	*F1	R9	A1	R122	*F1	R228	*D3	R414	*E1	S29	D2
C108	*E1	C308	*F2	D46	B3	D137	F3	D456	E1	ND406	E1	Q318	*F3	R10	A1	R123	*F1	R229	*D2	R415	*E1	S30	C1
C110	*B3	C309	*F3	D47	A2	D138	C3	D457	E1	ND407	C2	Q319	*E2	R11	A1	R124	*F1	R230	*C1	R416	*E1	S31	C1
C111	*B3	C310	*F1	D48	A2	D139	C3	D458	E1	ND408	C2	Q320	*F2	R12	A1	R125	*F1	R231	*D1	R417	*E1	S32	C2
C112	B2	C311	*F2	D49	A2	D140	F3	D459	E1	ND409	C3	Q321	*F3	R13	B1	R126	B3	R232	*E2	R418	*E1	S33	C2
C113	B2	C312	*F2	D50	B3	D141	*C3	D460	E1	ND410	C3	Q322	*E2	R14	B1	R127	B3	R233	*C2	R419	*E1	S34	C2
C114	*B3	C313	*F1	D51	A2	D142	*C3	D461	E1	ND411	D2	Q323	*F2	R15	*A1	R128	*F1	R234	*C2	R420	*E1	S35	C3
C115	*C3	C314	*F1	D52	A2	D143	*F1	D462	E1	ND412	D2	Q324	*F3	R16	B1	R129	*F1	R235	*C1	R421	*E1	S36	C3
C116	*B2	C315	*F2	D53	A2	D144	F1	D463	E1	ND413	D3	Q325	*F2	R17	B1	R130	B3	R236	*C1				



VR-337 -A SIDE-
SUFFIX: -11



VR-337 -B SIDE-
SUFFIX: -11

VR-337 (1-881-296-11)

*:B SIDE

C1	C1
C2	C2
C3	C1
C4	C2
C5	C2
C6	C2
C7	C2
C8	D2
C9	C2
C10	C1
C11	C2
C12	C2
C13	C2
C14	C2
C15	D2
C16	C2
C17	B1
C18	B1
C19	B1
C20	B1
C21	B1
C22	B1
C23	B1
C24	B1
C25	B1
C26	B1
CN1	D1
EN1	A1
EN2	A1
EN3	A2
EN4	A2
IC1	C1
IC2	C2
IC3	C2
IC4	C2
IC5	D2
IC7	B1
IC8	B1
L1	C2
L2	B1
R1	C1
R2	C2
R3	C2
R4	C1
R5	C2
R6	C2
R7	C2
R8	C2
R9	D2
R10	D2
R11	C1
R12	C2
R13	C2
R14	C2
R15	C2
R16	C2
R17	C1
R18	C2
R19	C2
R20	C2
RB1	B1
RB2	B1
RB3	B1
RB4	A1
RB5	A1
RV1	C1
RV2	C1
RV3	C2
RV4	D1
RV5	D1
RV6	D2
RV7	C2
RV8	C2
RV9	D2
RV10	D2

