

SONY®

REMOTE CONTROL PANEL

RCP-920
RCP-921

MAINTENANCE MANUAL

1st Edition

Serial No. 100001 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.

CAUTION

Danger of explosion if battery is incorrectly replaced.

Replace only with the same or equivalent type recommended by the manufacturer.

Dispose of used batteries according to the manufacturer's instructions.

ADVARSEL

Lithiumbatteri - Eksplosjonsfare.
Ved utskifting benyttes kun batteri som anbefalt av apparatfabrikanten.
Brukt batteri returneres apparatleverandøren.

Vorsicht!

Explosionsgefahr bei unsachgemäßem Austausch der Batterie.

Ersatz nur durch denselben oder einen vom Hersteller empfohlenen ähnlichen Typ. Entsorgung gebrauchter Batterien nach Angaben des Herstellers.

VARNING

Explosionsfara vid felaktigt batteribyte.
Använd samma batterityp eller en likvärdig typ som rekommenderas av apparatillverkaren.
Kassera använt batteri enligt gällande föreskrifter.

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.

Mettre au rebut les batteries usagées conformément aux instructions du fabricant.

VAROITUS

Paristo voi räjähtää jos se on virheellisesti asennettu.

Vaihda paristo ainoastaan laitevalmistajan suosittelemaan tyyppiin.

Hävitä käytetty paristo valmistajan ohjeiden mukaisesti.

ADVARSEL!

Lithiumbatteri-Eksplosionsfare ved fejlagtig håndtering.

Udskiftning må kun ske med batteri af samme fabrikat og type.

Levér det brugte batteri tilbage til leverandøren.

Voor de klanten in Nederland

Gooi de batterij niet weg maar lever deze in als klein chemisch afval (KCA).



Für Kunden in Deutschland

Entsorgungshinweis: Bitte werfen Sie nur entladene Batterien in die Sammelboxen beim Handel oder den Kommunen. Entladen sind Batterien in der Regel dann, wenn das Gerät abschaltet und signalisiert "Batterie leer" oder nach längerer Gebrauchsdauer der Batterien "nicht mehr einwandfrei funktioniert". Um sicherzugehen, kleben Sie die Batteriepole z.B. mit einem Klebestreifen ab oder geben Sie die Batterien einzeln in einen Plastikbeutel.

For the customers in Taiwan only



廢電池請回收

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SW-13076-4

SW-13086-6

Manual Structure

Purpose of this manual

This manual is the maintenance manual for Remote Control Panel RCP-920, RCP-921. This manual is intended for use by the trained system engineers and service engineers, and describes information (service overview, parts lists, schematic diagram and board layout) on the premise of component level service.

Relative 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.

Part number: 3-096-914-0X

- **“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.

This manual contains a complete list of semiconductors and their ID Nos., and thus should be used together with the CD-ROM.

Part number: 9-968-546-0X

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

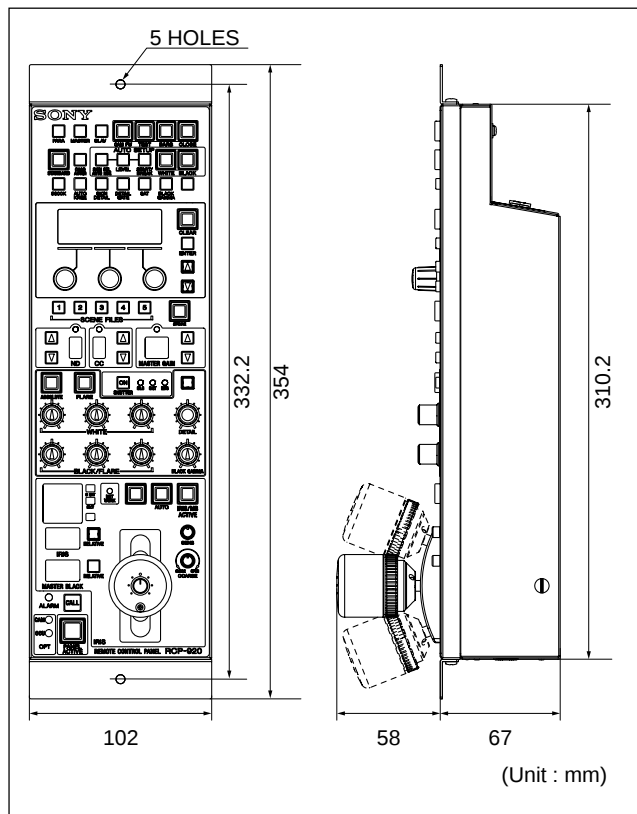
Humidity: No condensation

1-1-2. Installation Conditions

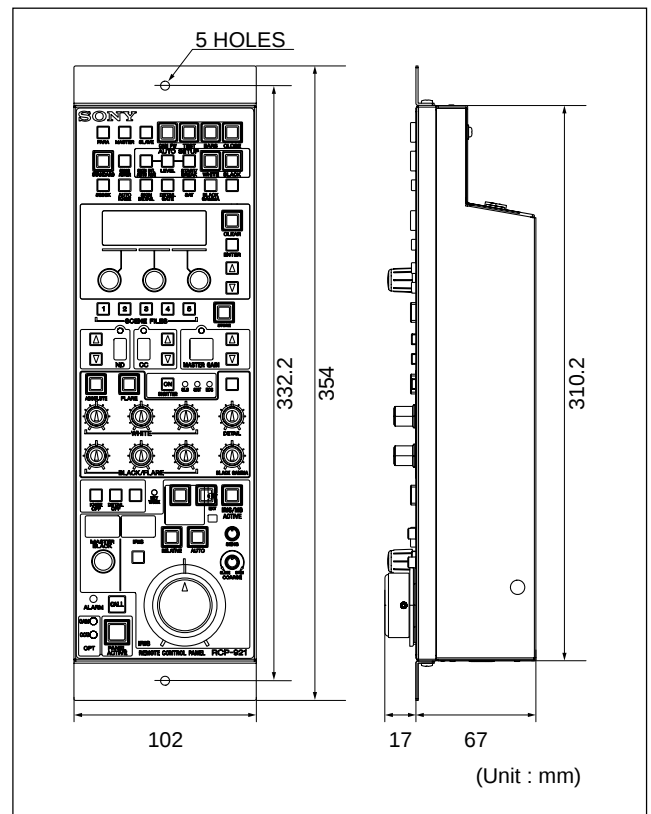
Secure a space of 70 mm or more backward from the connector panel to protect cables from damage.

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

RCP-920

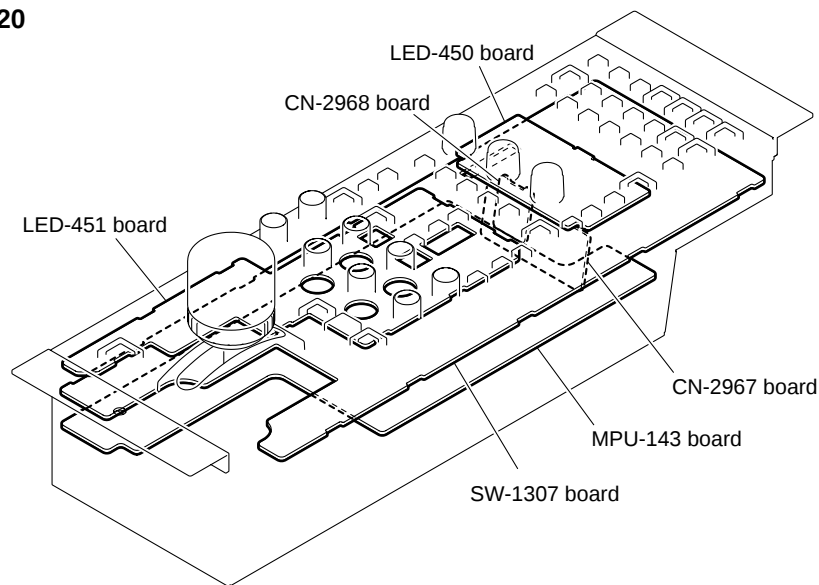


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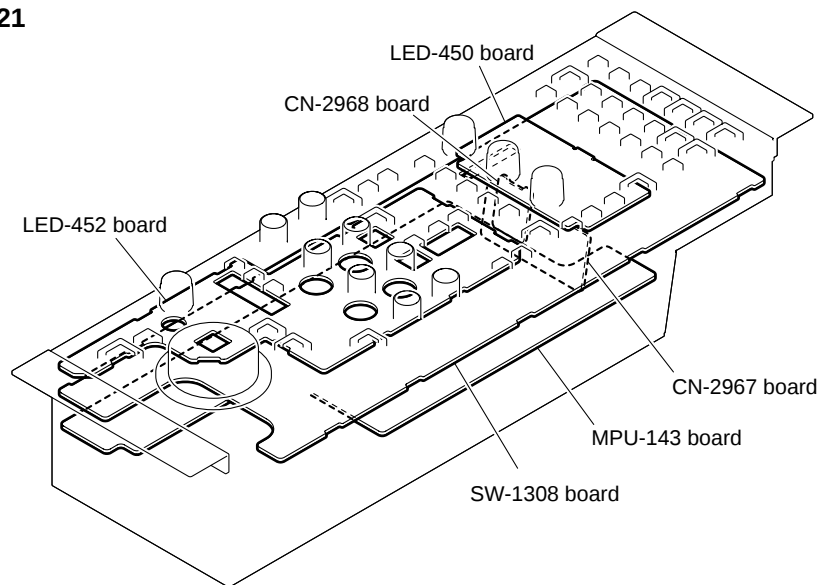


1-2. Location of Printed Wiring Boards

RCP-920

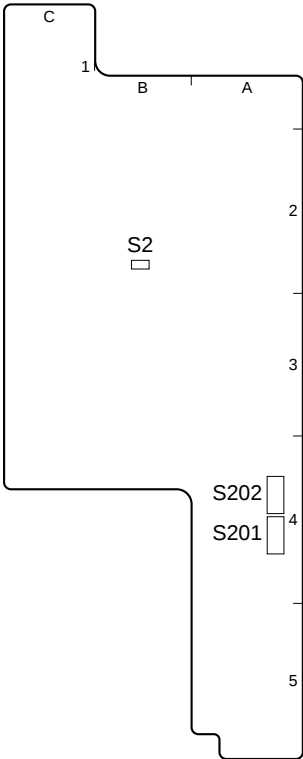


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1-3. Settings of Internal Switches

MPU-143 Board (Side B)

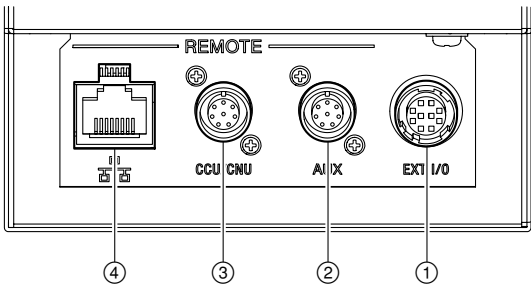


Ref. No.	Switch name	Factory setting
S2	PROTECT SW *1	ON
S201	Not used	OFF
S202	Not used	OFF

*1 Unit data write protection

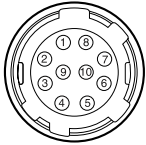
1-4. Connectors and Cables

1-4-1. Location of Connectors



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

① EXT I/O (10P, FEMALE)



(External View)

No.	Signal name	Specification
1	PREVIEW S1	CONTACT
2	PREVIEW S2	CONTACT
3	Reserve	—
4	Reserve	—
5	Reserve	—
6	Reserve	—
7	Reserve	—
8	Reserve	—
9	Reserve	—
10	Reserve	—

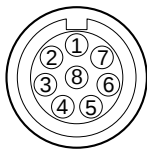
② AUX REMOTE (8P, FEMALE)



(External View)

No.	Signal name	Specification
1	TX (+)	RCP SERIAL DATA
2	TX (-)	
3	RX (+)	AUX
4	RX (-)	SERIAL DATA
5	TX GND	GND for TX
6	POWER (+) OUT	RCP POWER, +10 V to +30 V
7	POWER (-) OUT	GND for POWER
8	SPARE	
C	CHASSIS GND	CHASSIS GND

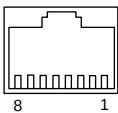
③ CCU/CNU REMOTE



(External View)

No.	Signal name	Specification
1	TX (+)	RCP SERIAL DATA
2	TX (–)	
3	RX (+)	CCU/CNU
4	RX (–)	SERIAL DATA
5	TX GND	GND for TX
6	POWER (+) IN	RCP POWER, +10 V to +30 V
7	POWER (–) IN	GND for POWER
8	SPARE	
C	CHASSIS GND	CHASSIS GND

④ ETHERNET : 10Base-T/100Base-TX
(8P, MODULAR JACK RJ-45)



(External view)

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)

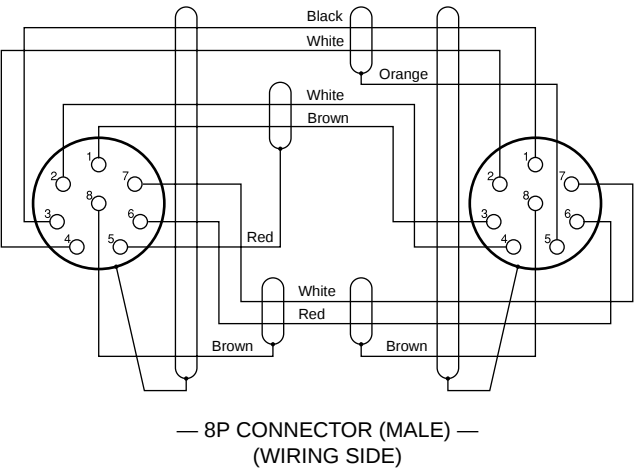
1-4-3. Connectors

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 Cable Assembly (separately available) CCA-5-3 (3 m), CCA-5-10 (10 m), CCA-5-30 (30 m)
EXT I/O (10P, FEMALE)	1-566-437-12 CONNECTOR ROUND TYPE R-F 10P, MALE
Ethernet (8P)	RJ-45 Modular jack (conforming to 100BASE-TX standard) IEEE802.3u compliant

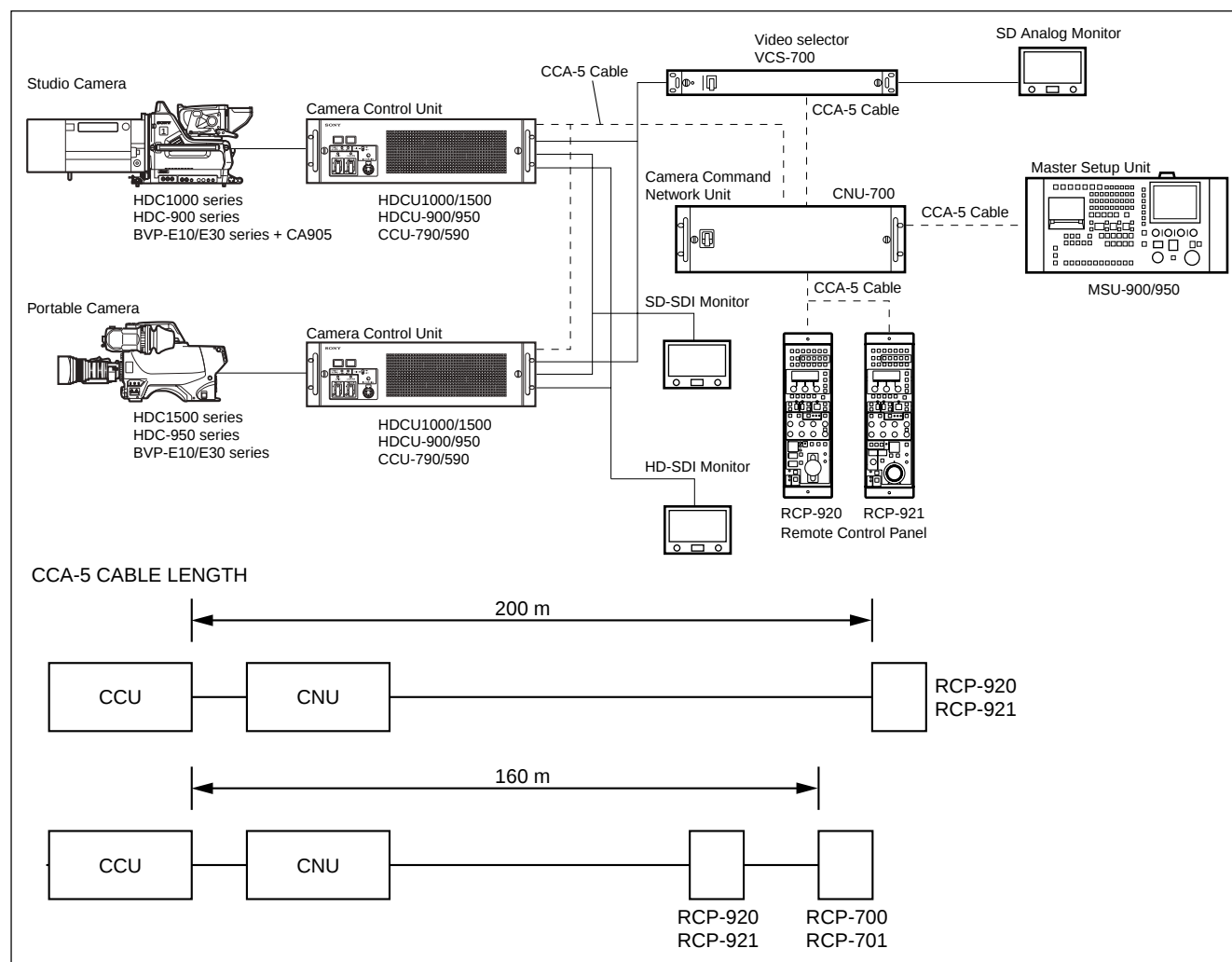
1-4-4. Cable Connection

CCA-5 cable

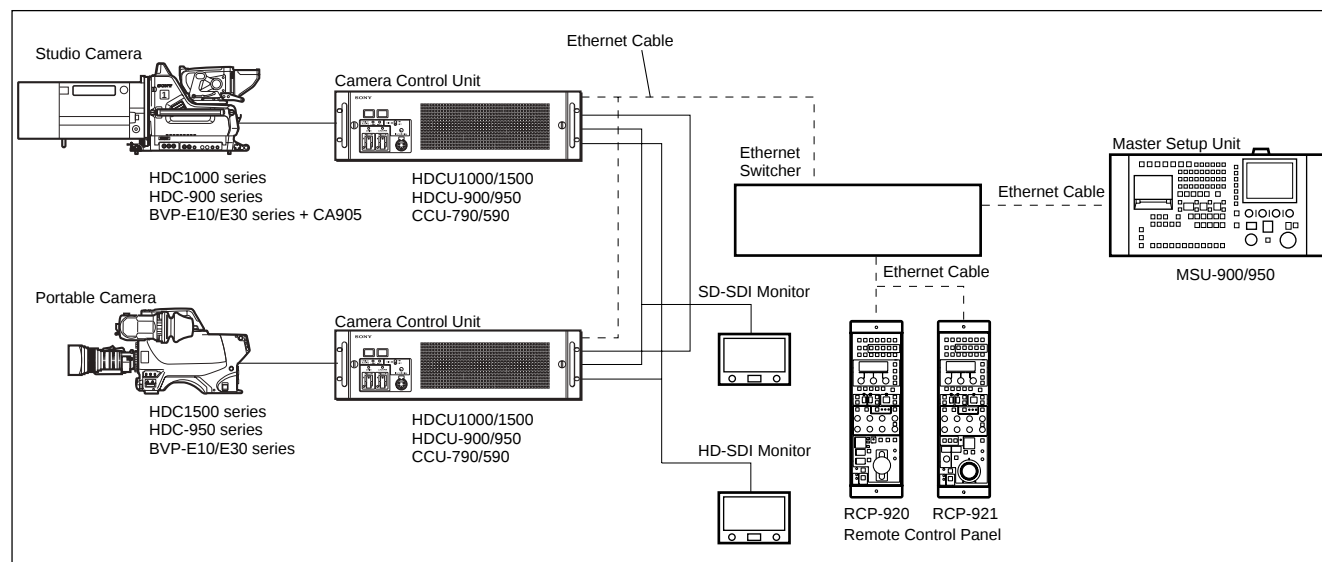


1-4-5. System Connection

1. HD/SD camera system using camera control units (CCU)



2. HD/SD camera system using Ethernet



1-4-6. Tools

Sony part No.	Tool name
J-7120-140-A	PLD download tool *1

*1: Cable for PLD download

1-5. Firmware/Software

1-5-1. Checking ROM/Software Versions

1. Display the configuration menu.
Refer to the Operation Manual (Menu Configuration and Basic Operation).
2. Position the cursor at **CONDITION** by turning the paint adjustment knob on the right side, and press the **ENTER** button.
3. Position the cursor at the **SOFTWARE INFO** screen by turning the paint adjustment knob, and press the **ENTER** button.
4. Check the ROM/software versions.

1-5-2. Writing and Rewriting the PLD Internal Data

This unit uses the PLD (Programmable Logic Device) that supports the e-Production (EPR) system to write and rewrite the internal data.

If the part listed below needs to be replaced or to be upgraded, contact your local Sony Sales Office/Service Center.

Note

The part number of PLD (or ROM for PLD) in which data is not written yet, is shown in “Section 2. Spare Parts.” Therefore, if part replacement is required, write the data by the following procedure.

In the case of the PLD type that runs on the program stored in external ROM, data needs not to be written only by replacing the part if the specific PLD only is defective.

e-Production system has the advantages shown below.

- To write/rewrite the PLD internal data:
 1. The standard fixture (cable) can be used.
 2. The standard software (PLD Download Tool) can be used.

- The PLD internal data is controlled in the Sony Database Server under the name of Project file (E_XXX_XXX_XX_XX).
- The printed circuit board is equipped with the standard connector (EPR connector) to write the PLD internal data. The indication “EPR” is shown on the printed circuit board.

Corresponding PLD

Board name/ROM	EPR connector	Project file No.
MPU-143 IC108 IC106 *1	CN102	E_000_003_62_XX *2

*1: IC106 is the ROM for IC108.

*2: The file name changes when upgrading.

Equipment required

- PLD download tool (Sony part number: J-7120-140-A)
The cable to connect PC to this unit.
- PC
A PC having parallel port.
A PC in which the PLD Download Tool software is already installed.
For the applicable OS and the operating environment, refer to “Download Tool Operating Instruction for Device Programming.”

Data writing procedure

Data writing procedure in the PLD (or ROM for PLD) is outlined below.

For details of data writing procedure, refer to “Download Tool Operating Instruction for Device Programming”, which is available in the same site where the PLD Download Tool software is available.

1. Prepare the Project file.

Note

Download the Project file from the Sony Database Server.

2. Turn off the power of this unit. Connect the PC parallel port to the EPR connector of the target board using the PLD download tool (cable).
3. Turn on the power of this unit.
Start the PLD Download Tool software and read the Project file.
4. Program the PLD (or ROM for PLD) with the PLD Download Tool software.
5. Upon completion of programming, check that no error message is displayed. Turn off the power of this unit and back on.

1-5-3. Upgrading Versions Using a Memory Stick (MPU-143 Board)

Upgrading the MAIN Program

The following shows the MAIN program upgrading procedure.

Tool

Memory Stick (commercially available)

Notes

- General Memory Stick and Magic Gate Memory Stick (with copyright protection technology: Magic Gate) are available in this unit.
However, since this unit does not conform to the Magic Gate specification, data recorded in this unit is not protected by the Magic Gate.
- Memory Stick PRO is not available in this unit.

Preparation

Notes

- Use a Memory Stick of 16 Mbytes or more.
- For getting the MAIN program, contact your local Sony Sales Office/Service Center.
- Do not remove the Memory Stick or turn off the power during upgrading.

Upgrading Using a Memory Stick

1. Insert a Memory Stick that contains the upgrade data into the Memory Stick slot.
2. Turn on the unit while pressing [PARA] and [STORE].
3. Confirm that "COMPLETE" is displayed on the screen.
4. Press the ENTER key.

Service Action when Replacing the MPU-143 Board

When replacing the MPU-143 board or IC13/IC14 (mount part), contact your local Sony Sales Office/Service Center.

Note

IC9 must be replaced at the factory because programming of internal data is needed. Do not replace IC9 at any location other than the factory.

1-6. Self-Diagnosis

Operation of the luminous switches, LED indicators, and the rotary encoder on the control panel can be checked using the self-diagnosis mode of the unit.

When the following problem occurs, be sure to perform the operation check.

- The unit does not enter the correct mode or the correct screen does not appear even by pressing the setting button or adjustment item button.

Procedure

1. Press the [PARA], [MASTER], and [SCENE FILES 1] buttons at the same time.
2. Check that the LED indicators light up.
3. Press each luminous switch and check that it lights up.
4. Press the PUSH switch and check that it lights up.

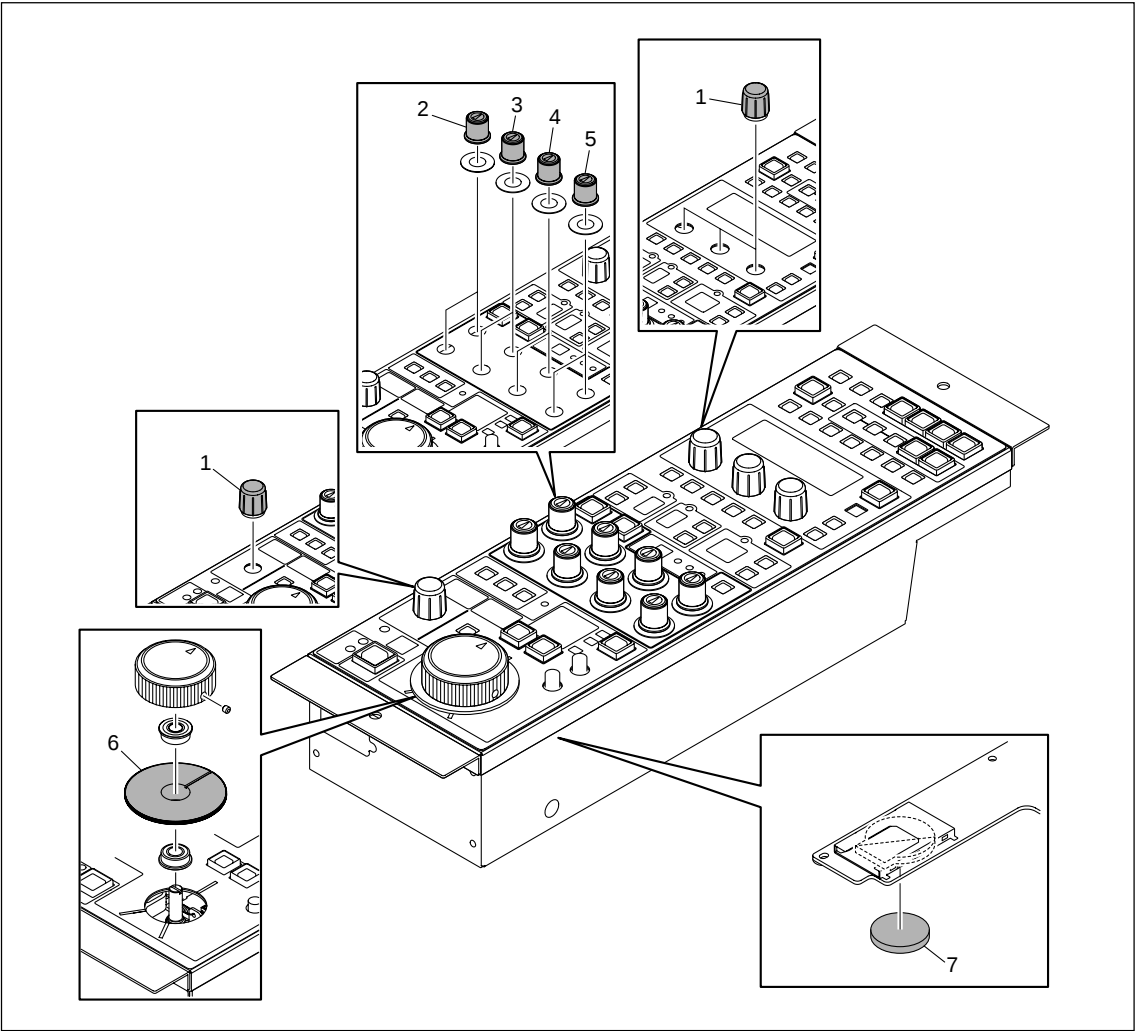
Exiting the Self-Diagnosis Mode

1. Press the [PARA], [MASTER], and [SCENE FILES 1] buttons at the same time.

1-7. Recommended Replacement Parts

No.	Part name	Sony part No.	Remarks
1	Control knob assembly	X-3704-943-1	Rubber part ^{*1}
2	Knob (R) assembly	X-3704-944-1	Rubber part ^{*1}
3	Knob (G) assembly	X-3704-945-1	Rubber part ^{*1}
4	Knob (B) assembly	X-3704-946-1	Rubber part ^{*1}
5	Knob (S) assembly	X-3704-947-1	Rubber part ^{*1}
6	IRIS gauge	3-681-089-05	RCP-921 only ^{*2}
7	Lithium battery (CR-2032)	1-528-174-11	Replace every 7 years ^{*3}

^{*1}: Check this part for deformation or deterioration, and replace it if necessary.
^{*2}: Turn the knob (D) assembly. If there is no click, replace the assembly. (RCP-750 page 1-21)
^{*3}: Refer to Section 1-10.

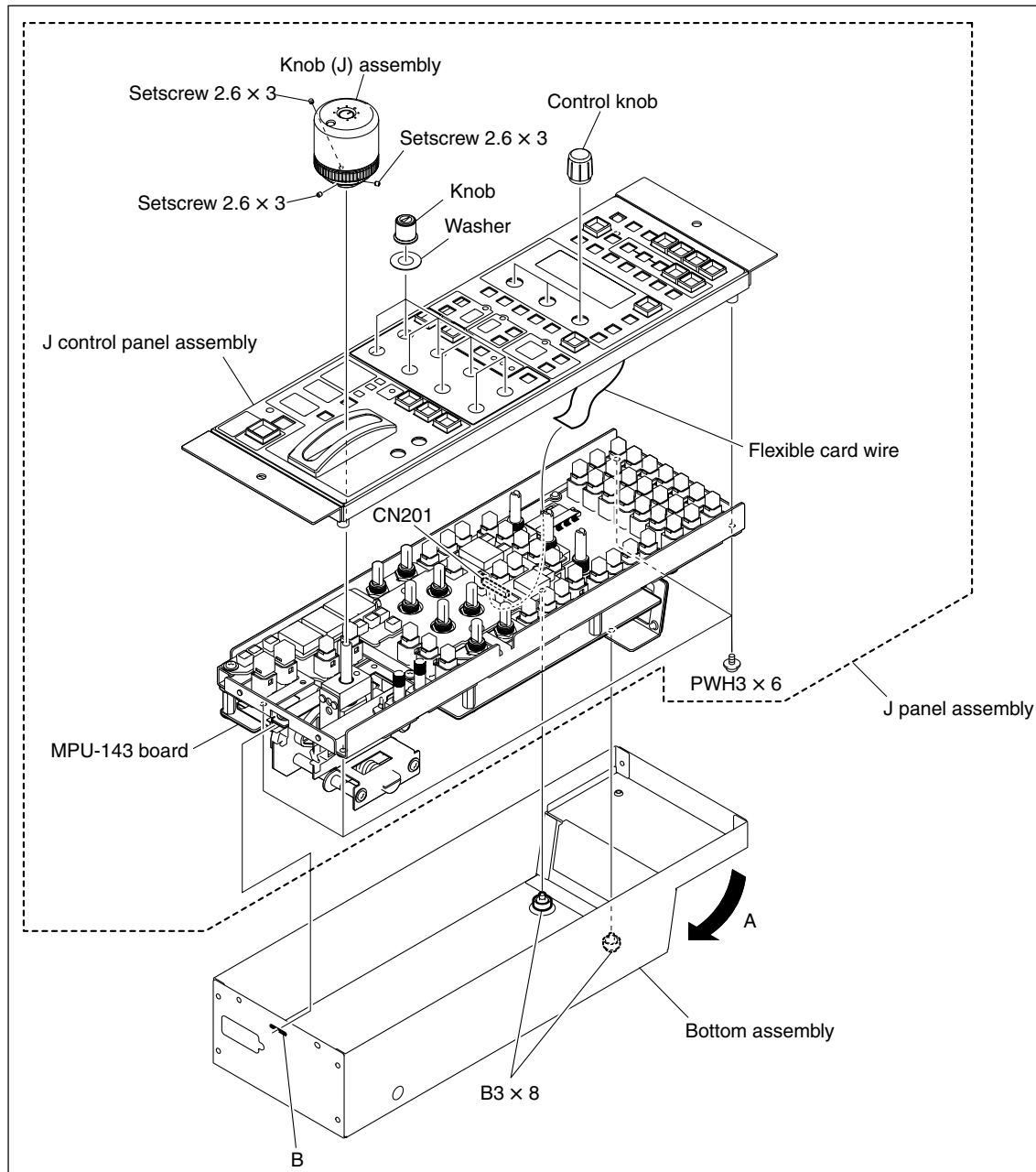


1-8. Replacement of Main Parts

1-8-1. Removing/Installing the Cabinet

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1. Remove the two screws (B3 × 8).
2. Shift the bottom assembly in the arrow direction A, release the hook at B, and remove the bottom assembly.
3. Remove the knob (J) assembly. (Refer to Section 1-8-4.)
4. Remove the three control knobs and eight knobs.
5. Disconnect the flexible card wire from the connector CN201 on the MPU-143 board.
6. Remove the four screws (PWH3 × 6), and remove the J control panel assembly.



7. Reassemble the parts in the reverse order of removal.

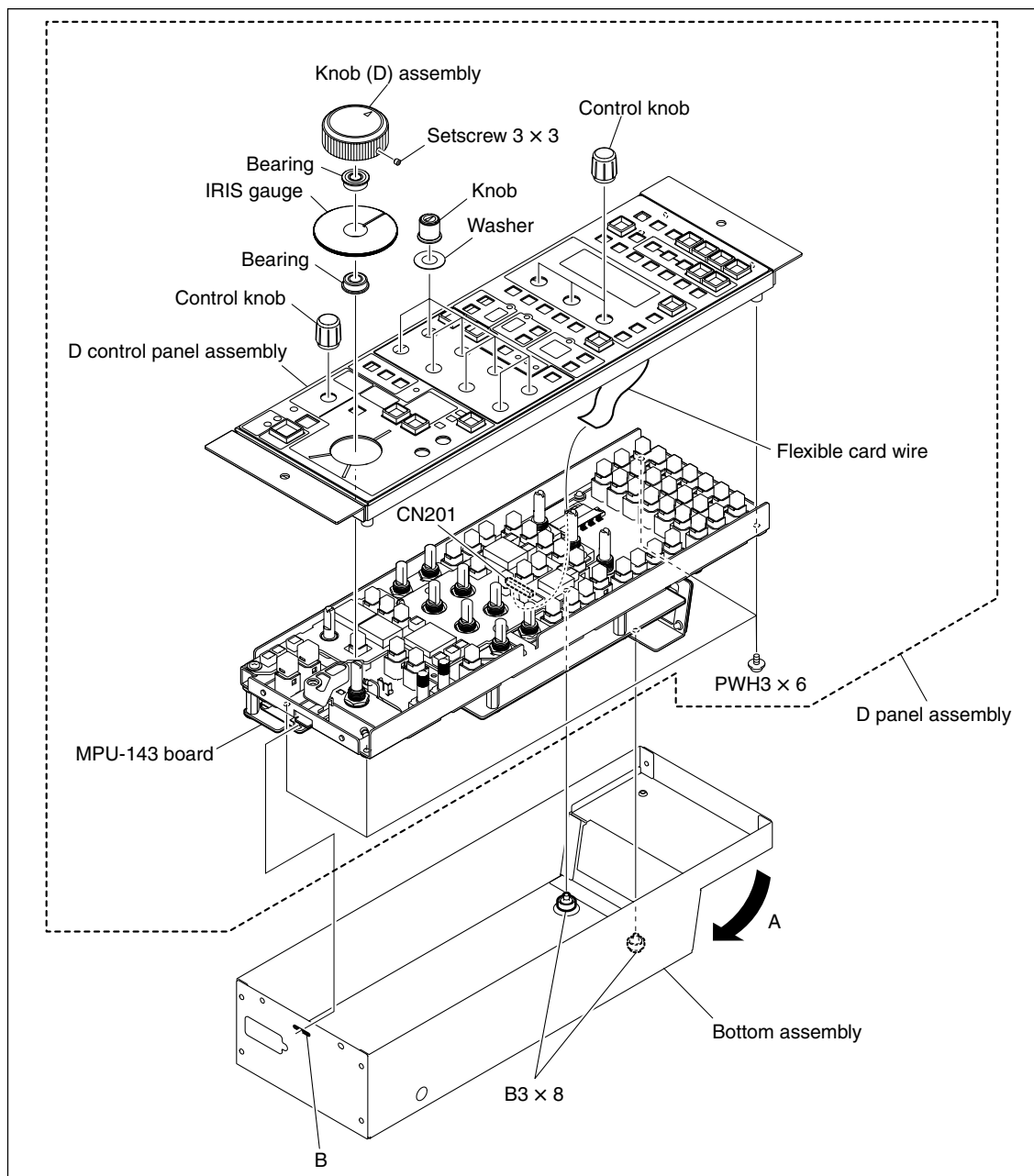
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1. Remove the two screws (B 3×8).
2. Shift the bottom assembly in the arrow direction A, release the hook at B, and remove the bottom assembly.
3. Remove the setscrew (3×3), and remove the knob (D) assembly, IRIS gauge, and bearing.

Note

The bearing may not be removed smoothly due to a projection on the shaft of control. This small projection is made when the knob is secured with a setscrew at the factory. If such a projection is found on the shaft of control, crush it with pliers or the like and then remove the bearing.

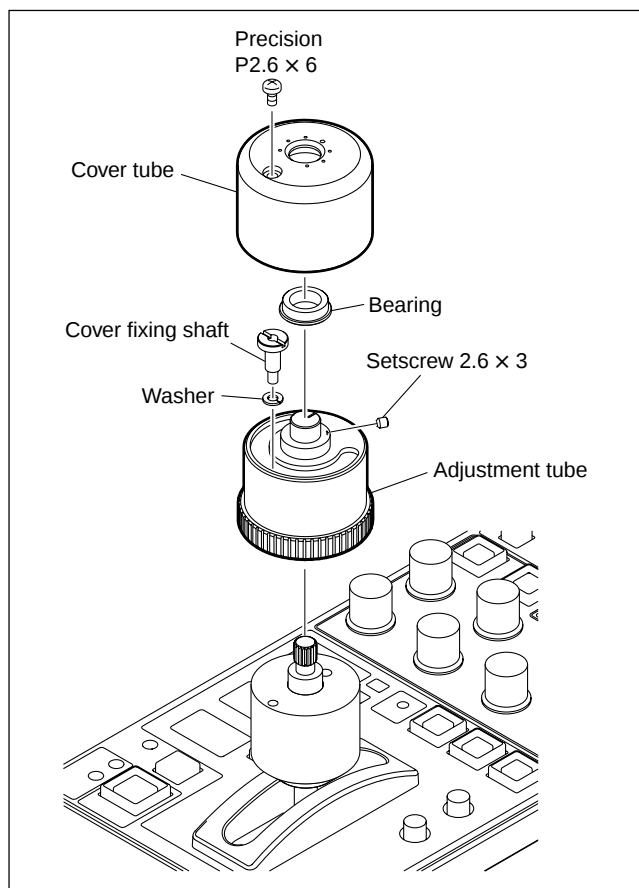
4. Remove the four control knobs and eight knobs.
5. Disconnect the flexible card wire from the connector CN201 on the MPU-143 board.
6. Remove the four screws (PWH 3×6), and remove the D control panel assembly.



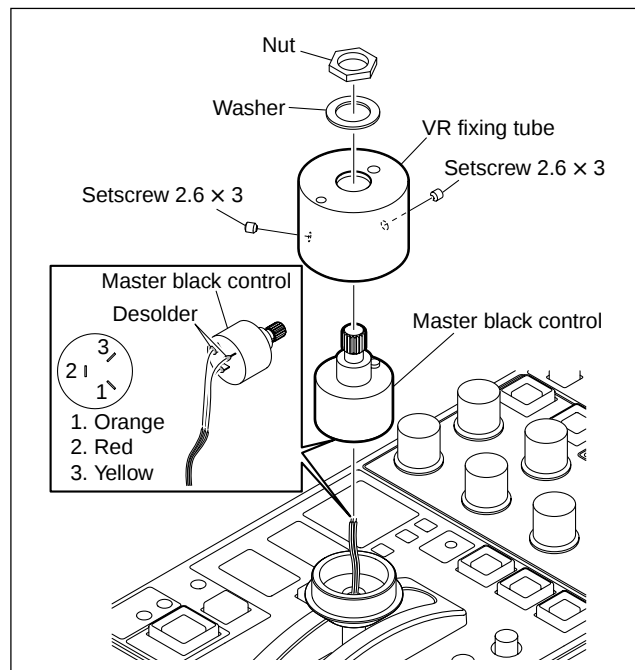
7. Reassemble the parts in the reverse order of removal.

1-8-2. Removing/Installing the Knob (J) Assembly (RCP-920)

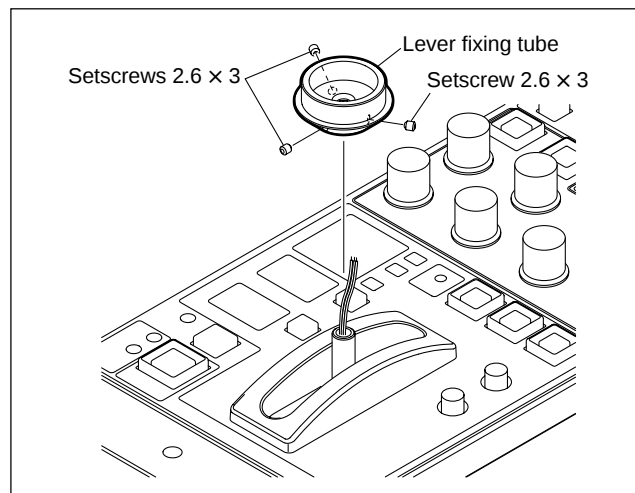
1. Remove the precision screw, and remove the cover tube.
2. Remove the bearing.
3. Unscrew the cover fixing shaft. Remove the setscrew, washer, and the adjustment tube.



4. Remove the nut and washer securing the master black control and two setscrews, and remove the VR fixing tube.
5. Desolder the harness wires connected to the master black control.



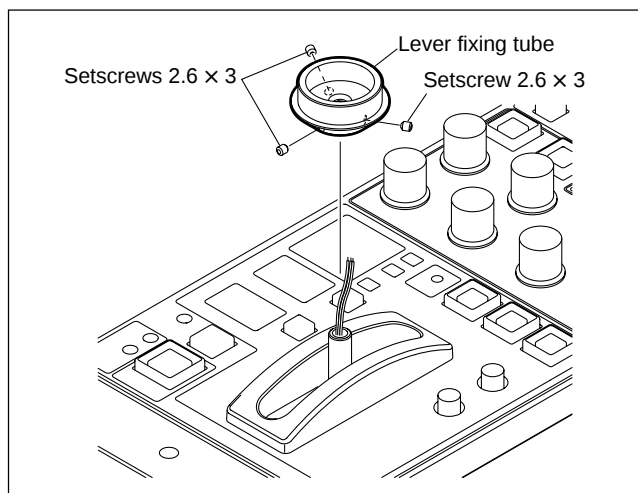
6. To remove the J panel assembly, remove the three setscrews and the lever fixing tube.



7. Reassemble the parts in the reverse order of removal.

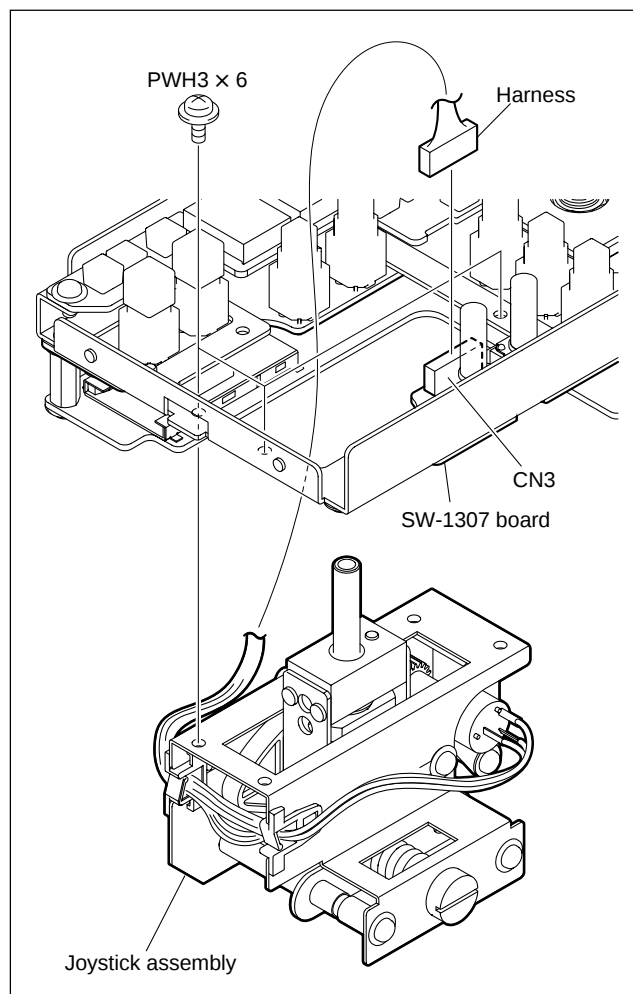
1-8-3. Replacing the Joystick Assembly (RCP-920)

1. Remove the knob (J) assembly.
(Refer to Section 1-8-2.)
2. Remove the bottom assembly and J control panel assembly. (Refer to Section 1-8-1.)
3. Remove the three setscrews, and remove the lever fixing tube.



4. Disconnect the harness from the connector CN3 on the SW-1307 board.

5. Remove the three screws, and replace the joystick assembly.

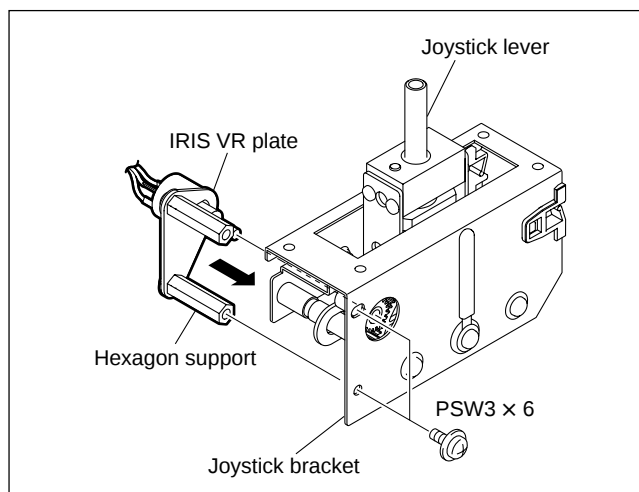


6. Reassemble the parts in the reverse order of removal.

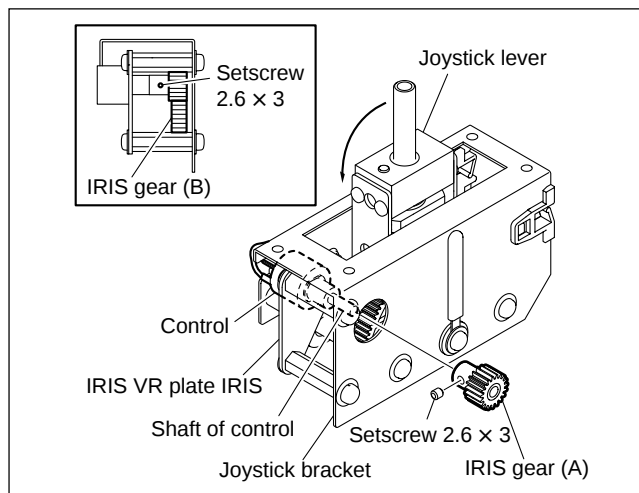
1-8-4. Adjusting the IRIS Gear (RCP-920)

When installing the control of the joystick, adjust the engagement of the IRIS gear using the following procedure.

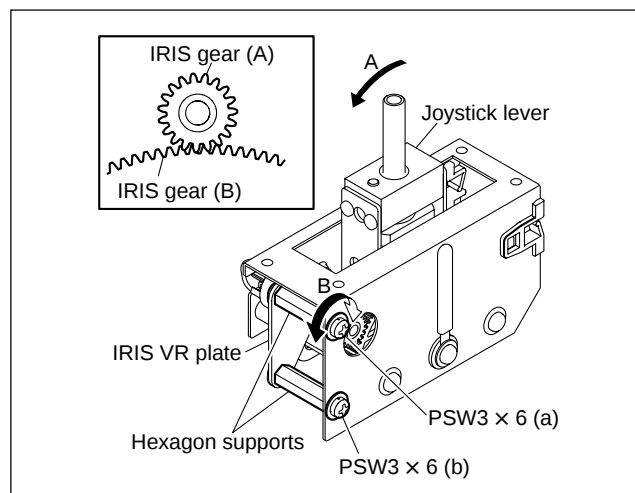
1. Install the IRIS VR plate loosely onto the joystick bracket with two screws.



2. Move the joystick lever fully in the arrow direction.
3. Turn the control of the IRIS VR plate fully clockwise.
4. Screw the setscrew into the IRIS gear (A) so that the tip of the setscrew does not come out inside. Fit the IRIS gear (A) with the shaft of control of the IRIS VR plate through the hole of the joystick bracket so that the setscrew comes to the side as shown in the figure.
5. Tighten the setscrew at a position where the IRIS gear (A) engages with the IRIS gear (B).

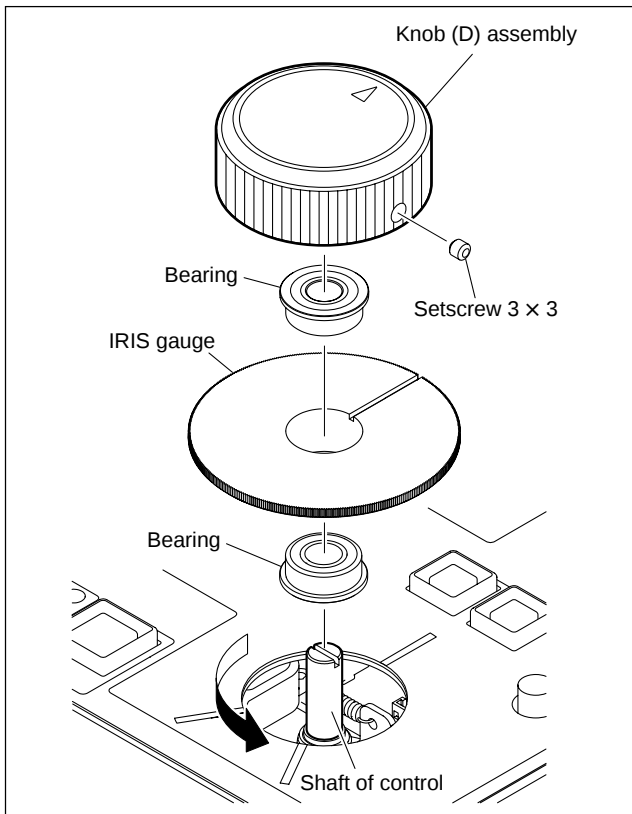


6. Move the joystick lever fully in the arrow direction A. Gear the IRIS gear (A) with the IRIS gear (B) while turning the hexagon supports on the IRIS VR plate in the arrow direction B.
7. Adjust the position of the IRIS VR plate while swinging the joystick lever from side to side a few times so that the lever moves smoothly.
8. Tighten the two screws that fixed loosely the IRIS VR plate (first (a) then (b)).



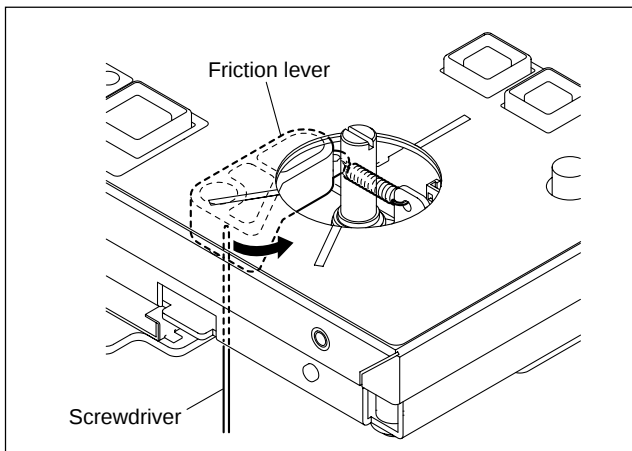
1-8-5. Replacing the Knob (D) Assembly and IRIS Gauge (RCP-921)

1. Remove the setscrew, knob (D) assembly, IRIS gauge, and two bearings.
2. When installing the knob (D) assembly and the IRIS gauge, turn the shaft of control fully counterclockwise in advance.

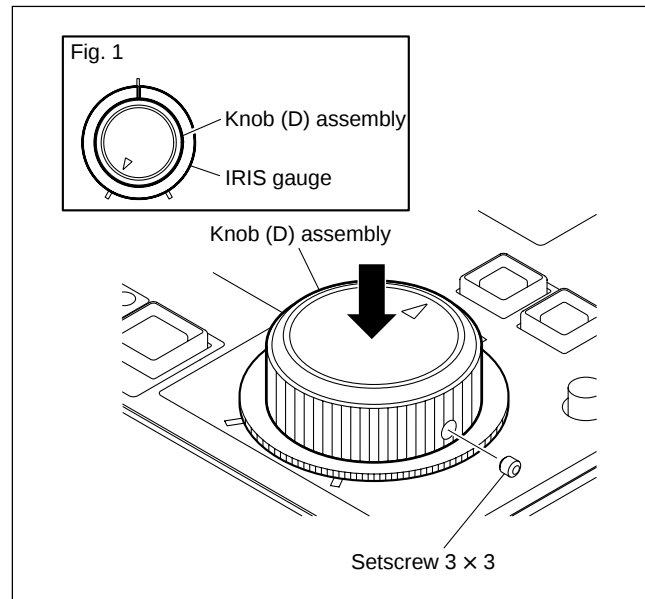


Note

Install the IRIS gauge while pushing the friction lever in the arrow direction from behind with a screwdriver.



3. Adjust the mark position of the knob (D) assembly and the IRIS gauge as shown in the figure, and tighten the setscrew while pushing the knob (D) assembly in the arrow direction.
4. Turn the knob (D) assembly and check click feeling.

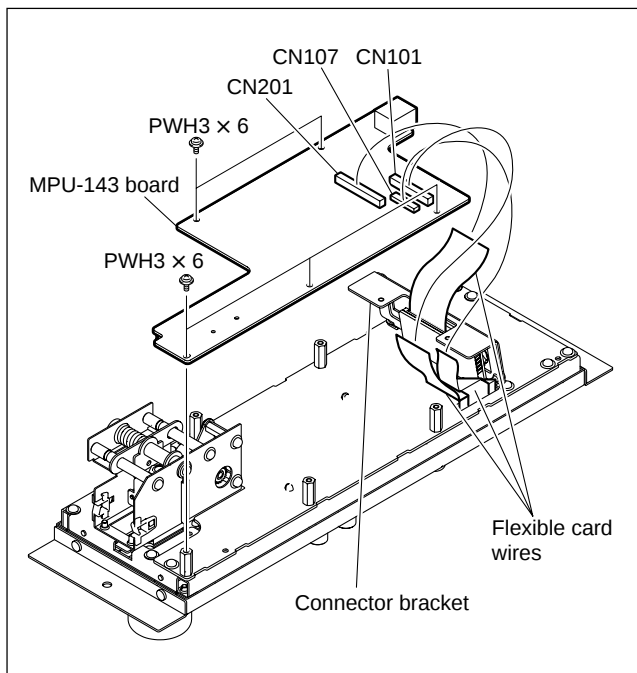


1-9. Replacement of Main Boards

1-9-1. Replacing the MPU-143 Board

Be careful not to bend flexible card wires. This shortens the wire life remarkably.

1. Remove the bottom assembly. (Refer to Section 1-8-1 steps 1 and 2.)
2. Disconnect the flexible card wires from the connectors CN101, CN107, and CN201 on the MPU-143 board.
3. Remove the connector bracket. (RCP-920 only) (Refer to Section 1-9-5 step 3.)
4. Remove the five screws, and remove the MPU-143 board.



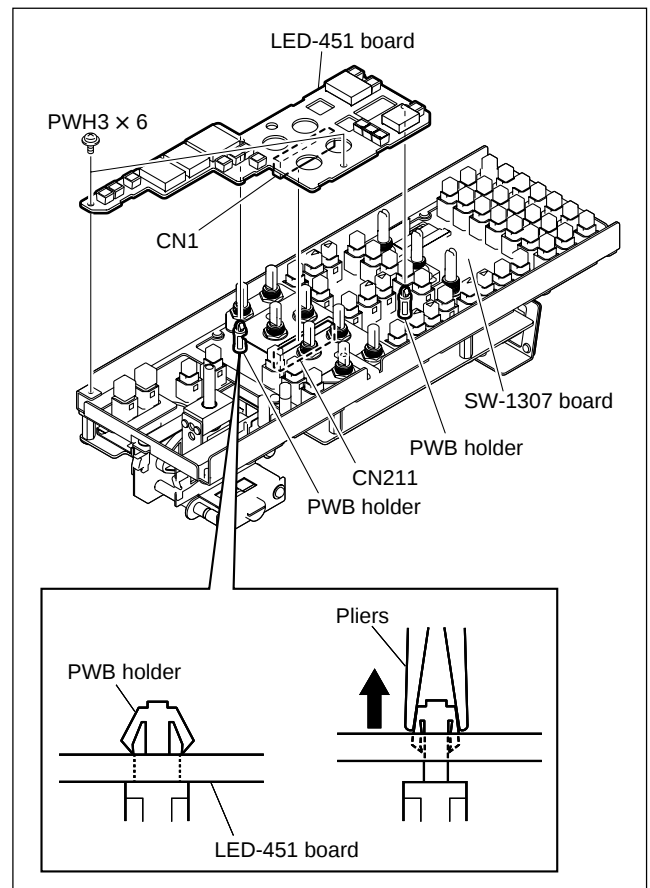
5. Reassemble the parts in the reverse order of removal.

1-9-2. Replacing the LED-451 Board/LED-452 Board

The replacement procedure for the LED-452 board is about the same as that for the LED-451 board.

This section describes the replacement procedure for the LED-451 board.

1. Remove the bottom assembly and the J control panel assembly. (Refer to Section 1-8-1.)
2. Remove the two screws.
3. Remove the LED-451 board from the PWB holder.

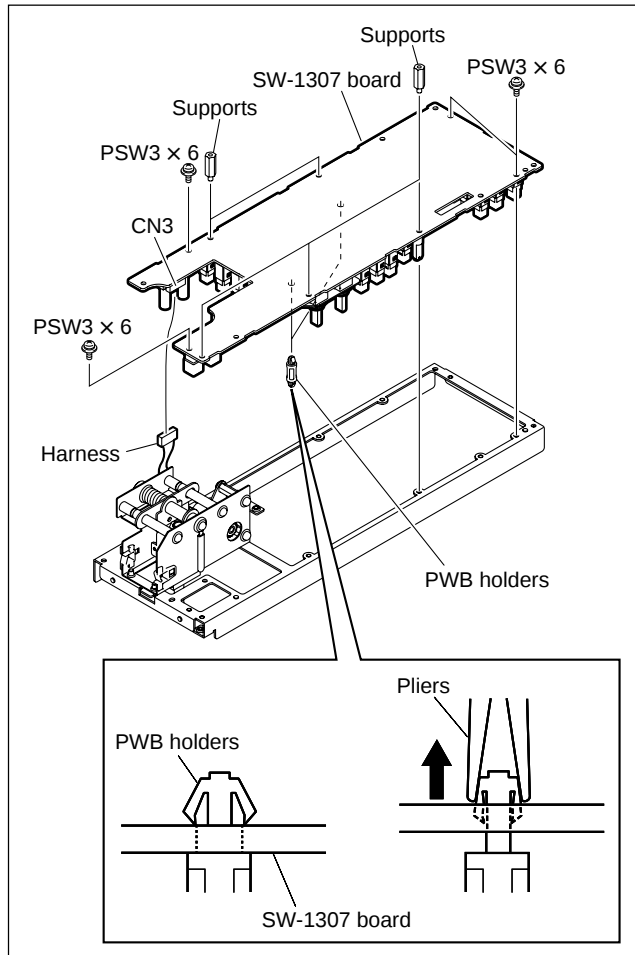


4. Reassemble the parts in the reverse order of removal.

1-9-3. Replacing the SW-1307 Board/SW-1308 Board

The replacement procedure for the SW-1308 board is about the same as that for the SW-1307 board. This section describes the replacement procedure for the SW-1307 board.

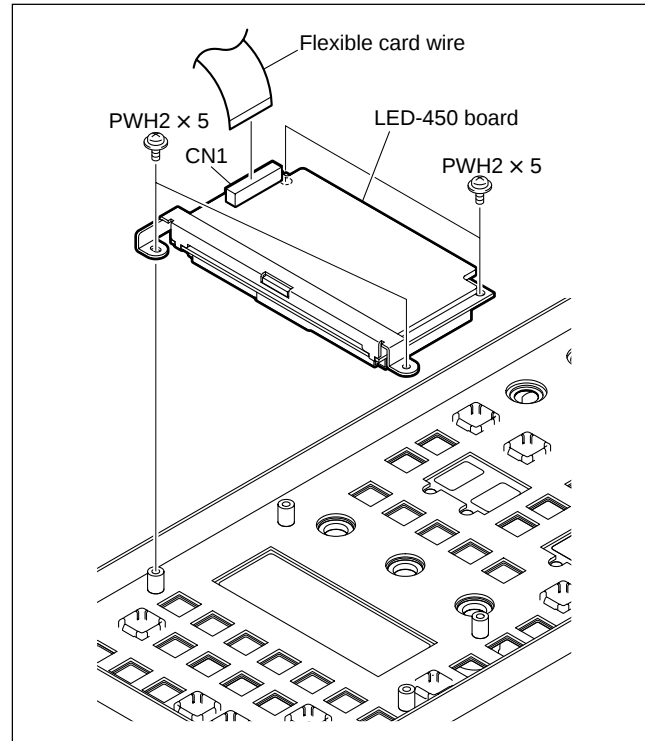
1. Remove the cabinet. (Refer to Section 1-8-1.)
2. Remove the LED-451 board. (Refer to Section 1-9-2.)
3. Remove the MPU-143 board. (Refer to Section 1-9-1.)
4. Remove the connector assembly.
(Refer to Section 1-9-5.)
5. Disconnect the harness from the connector CN3 on the SW-1307 board.
6. Remove the four screws and five supports.
7. Remove the PWB holders and the SW-1307 board.



8. Reassemble the parts in the reverse order of removal.

1-9-4. Replacing the LED-450 Board

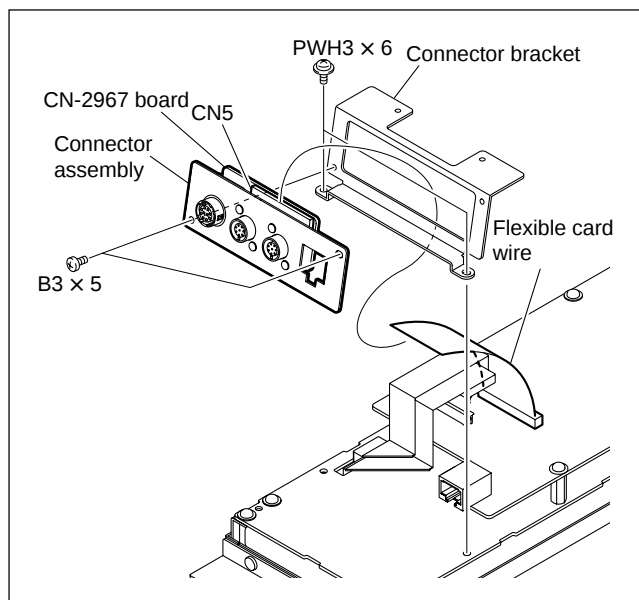
1. Remove the cabinet. (Refer to Section 1-8-1.)
2. Disconnect the flexible card wire from the connector CN1 on the LED-450 board.
3. Remove the four screws, and remove the LED-450 board.



4. Reassemble the parts in the reverse order of removal.

1-9-5. Replacing the CN-2967 board (Connector Assembly)

1. Remove the bottom assembly.
(Refer to Section 1-8-1 steps 1 and 2.)
2. Disconnect the flexible card wire from the connector CN5 on the CN-2967 board.
3. Remove the two screws to detach the connector bracket.
4. Remove the two screws, and remove the connector assembly.



5. Reassemble the parts in the reverse order of removal.

1-10. Notes for Replacing the Lithium Battery

A lithium battery is mounted on the MPU-143 board. This lithium battery backs up the real-time clock (RTC). When the battery comes to the end of its life, the RTC does no longer operate. Replace the battery in this case.

WARNING

The lithium battery is an important component to maintain the safety of the unit. Replacing it with an unspecified part may result in fire or electric shock. Be sure to use the lithium battery specified in the manual.

CAUTION

When replacing the lithium battery, connect a new battery correctly paying attention to the +/– polarity. Incorrect connection may cause a burst or leak, which may result in injure or damage to surrounding objects.

When the MPU-143 board is replaced or the lithium battery is replaced due to draining, set date and time again. (Refer to “Initial Setting” in the Operation Manual.)

Battery to be replaced:	BT1 (MPU-143 board)
Battery name:	CR-2032 (lithium battery)
Part number:	1-528-174-11
Recommended replacement cycle:	7 years

- The date/time resetting is also required when the battery is removed from the battery holder.

1-11. Flexible Card Wire

1-11-1. Connecting/Disconnecting Flexible Card Wire

Be careful not to bend flexible card wires. This shortens the wire life remarkably.

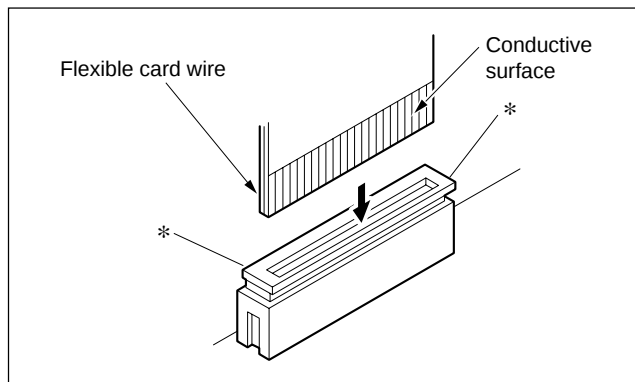
Straight type

Disconnecting

Pull up the * marked portions of the connector, and disconnect the flexible card wire from the connector.

Connecting

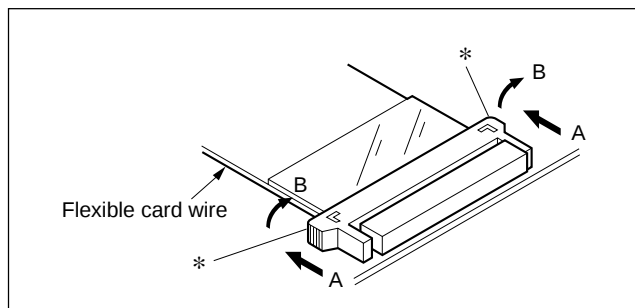
Insert the flexible card wire securely to the line indicated, and push down the * marked portions of the connector.



Angle type

Disconnecting

Slide the * marked portions of the connector in the arrow direction A, and pull the connector in the arrow direction B to release the lock, and then disconnect the flexible card wire from the connector.



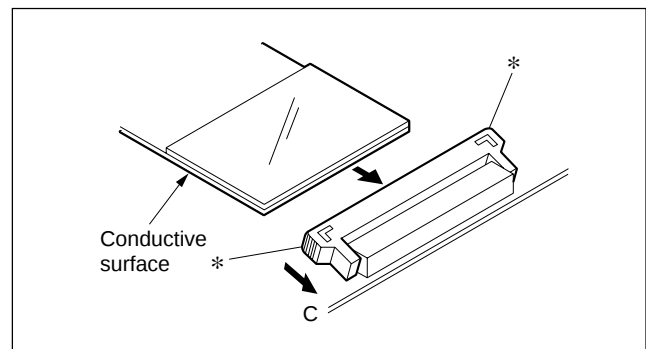
Connecting

Pull up the * marked portions of the connector and insert the flexible card wire into the connector with the conductive surface of the flexible card wire facing down as far as it will go.

When the flexible card wire is inserted fully, push down and press the * marked portions, slide the connector in the arrow direction C, and then lock it.

Notes

- Always insert the flexible card wire straight into the connector.
- Do not to short the terminals of the flexible card wire.



1-11-2. 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.

CN201/MPU-143 ⇔ CN1/LED-450

CN107/MPU-143 ⇔ CN1/SW-1307 (RCP-920)

CN107/MPU-143 ⇔ CN1/SW-1308 (RCP-921)

CN101/MPU-143 ⇔ CN5/CN-2967

1-12. Circuit-Protection Part List

Circuit Protection Element

This unit is equipped with the positive characteristics thermister(s) (power thermister) as the circuit protection element. The positive characteristics thermister limits the electric current flowing through the circuit as the internal resistance increases when an excessive current flows or when the ambient temperature increases.

If the positive characteristics thermister works, turn off the main power of the unit and inspect the internal circuit of this unit. After the cause of the fault is removed, turn on the main power again. The unit works normally.

It takes about one minute to cool down the positive characteristics thermister after the main power is turned off.

Board	Ref. No. (Address)	Part No.
MPU-143	THP1 (A-5/B side)	△ 1-803-353-21
	THP101 (B-2/A side)	△ 1-533-817-21
	THP102 (B-2/A side)	
	THP104 (C-2/B side)	
	THP105 (C-2/B side)	

1-13. Unleaded Solder

Unleaded solder is used for all the boards of this unit.

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

Section 2

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。

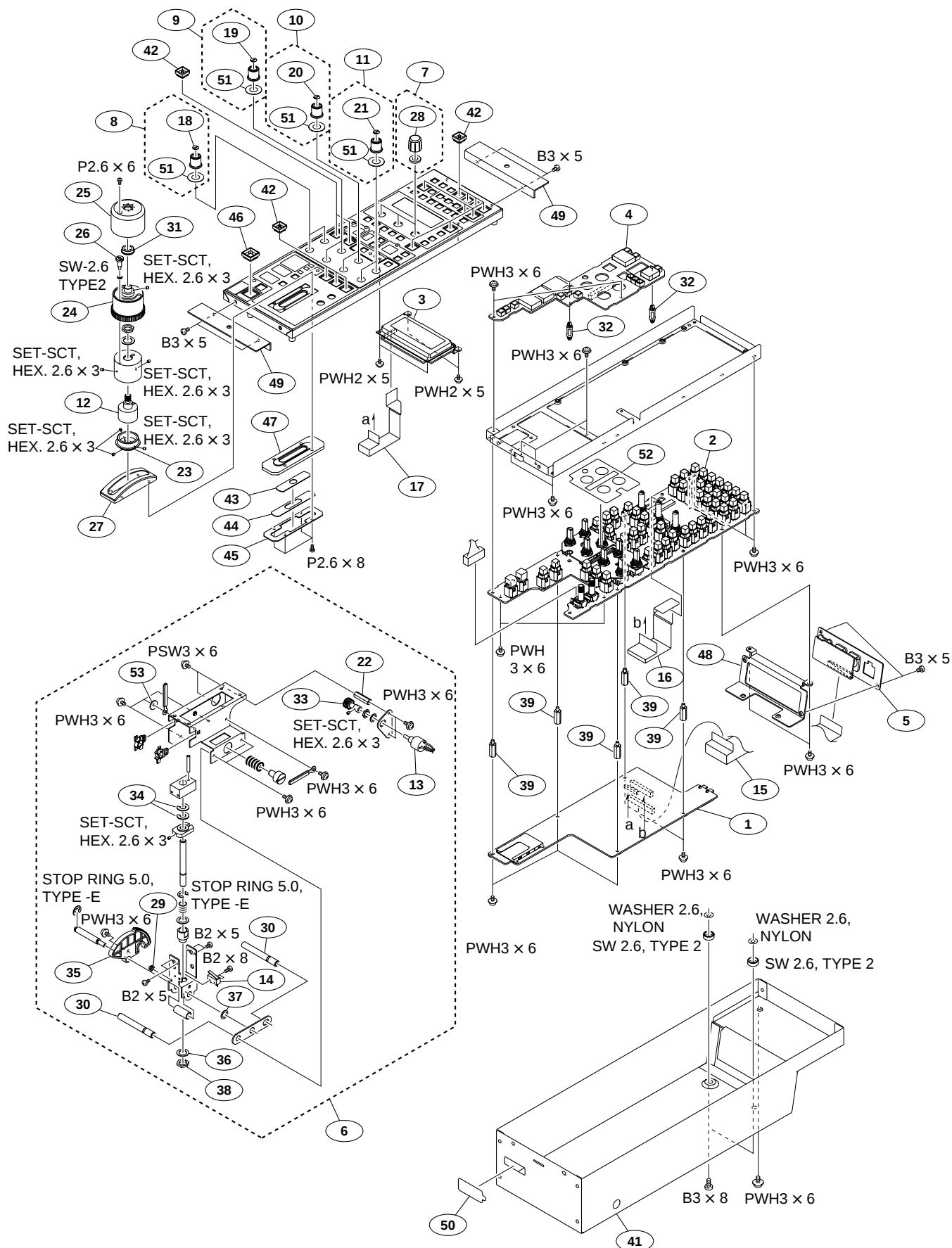
4. ハーネス

部品番号が記載されていないハーネスは、サービス部品として登録されていません。

Exploded View

2-2. Exploded Views

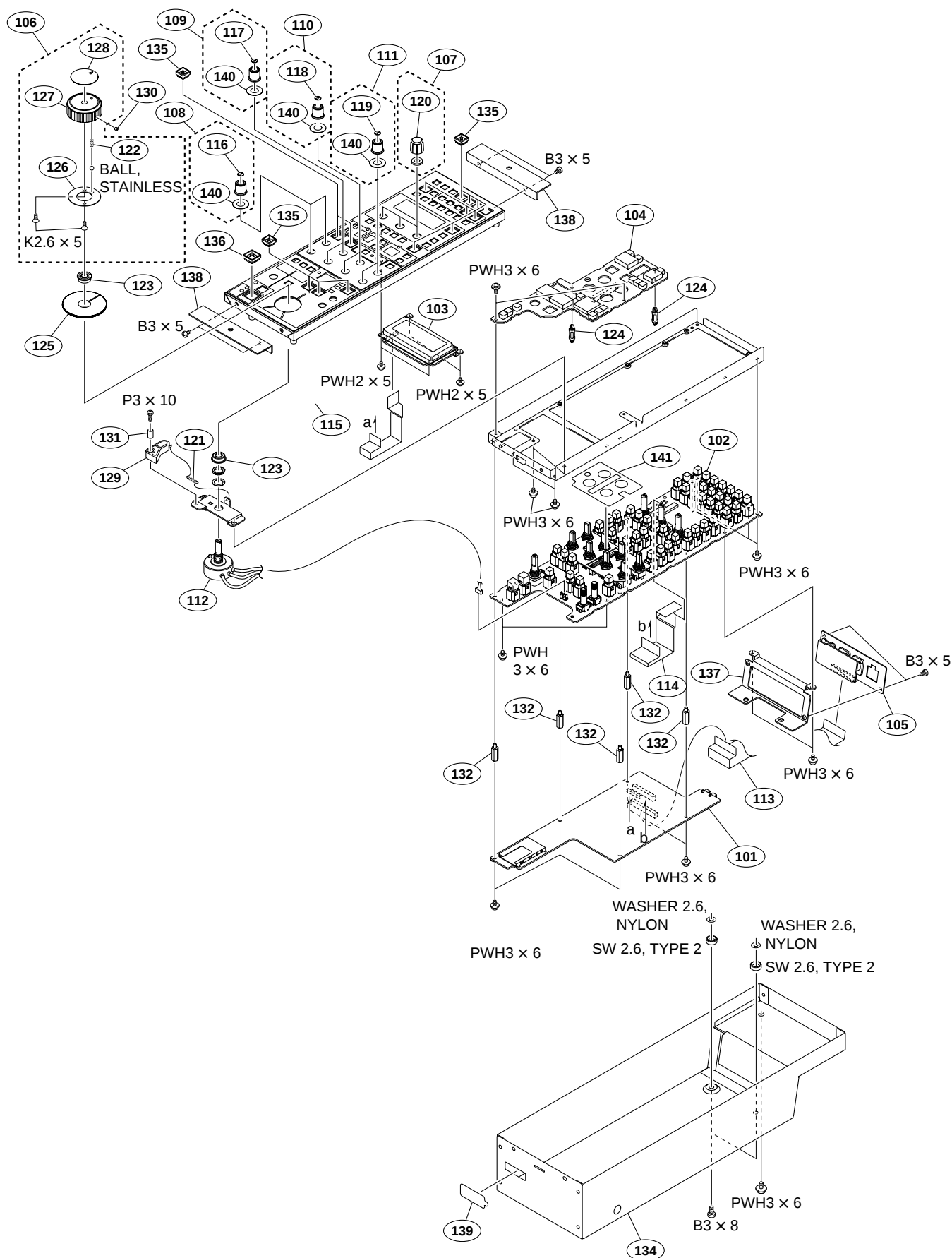
RCP-920



No.	Part No.	SP Description	No.	Part No.	SP Description
1	A-1223-451-A	s MOUNTED CIRCUIT BOARD, MPU-143	51	3-993-636-02	s WASHER
2	A-1223-452-A	s MOUNTED CIRCUIT BOARD, SW-1307	52	3-993-743-02	s SHEET, INSULATING
3	A-1223-454-A	s MOUNTED CIRCUIT BOARD, LED-450	53	4-812-554-02	s WASHER
4	A-1223-455-A	s MOUNTED CIRCUIT BOARD, LED-451			
5	A-1231-990-A	s CONNECTOR ASSY			
6	A-8314-186-A	o JOYSTICK ASSY	7-621-734-09	s SET-SCT, HEX. 2.6X3	
7	X-3704-943-1	s KNOB ASSY, VOLUME	7-621-771-06	s SCREW +B 2X5	
8	X-3704-944-1	s KNOB ASSY(R)	7-621-772-40	s SCREW +B 2X8	
9	X-3704-945-1	s KNOB ASSY(G)	7-623-207-22	s SW 2.6, TYPE 2	
10	X-3704-946-1	s KNOB ASSY(B)	7-623-923-11	s WASHER 2.6, NYLON	
11	X-3704-947-1	s KNOB ASSY(S)	7-624-109-04	s STOP RING 5.0, TYPE -E	
12	1-224-981-31	s RES, VAR, CERMET 5K	7-627-556-78	s SCREW, PRECISION +P 2.6X6 TYPE1	
13	1-230-817-11	s RES, VAR, CARBON 5K	7-681-000-00	s SCREW +PWH M2X5	
14	1-570-504-12	s SWITCH, MICRO	7-682-546-09	s SCREW +B 3X5	
15	1-831-038-11	s CABLE, FLEXIBLE FLAT (30 CORE)	7-682-548-04	s SCREW +B 3X8	
16	1-831-048-11	s CABLE, FLEXIBLE FLAT (25 CORE)	7-682-903-11	s SCREW +PWH 3X6	
17	1-831-063-11	s CABLE, FLEXIBLE FLAT (30 CORE)	7-682-947-01	s SCREW +PSW 3X6	
18	2-141-015-01	o PLATE, COLOR	7-685-134-11	s SCREW +P 2.6X8 TYPE2 NON-SLIT	
19	2-141-015-11	o PLATE, COLOR			
20	2-141-015-21	o PLATE, COLOR			
21	2-141-015-31	o PLATE, COLOR			
22	2-280-622-62	s SUPPORT (M3X20), HEXAGON			
23	2-356-547-03	o TUBE, LEVER FIXED			
24	2-356-559-05	s TUBE, ADJUSTMENT			
25	2-356-560-02	s TUBE, COVER			
26	2-356-561-02	o SHAFT, FIXED, COVER			
27	2-356-571-01	o ESCUTCHEON, LEVER			
28	3-178-147-02	s KNOB, VOLUME			
29	3-306-006-01	s CUSHION, MOTOR			
30	3-604-634-02	o SUPPORT			
31	3-657-810-11	s BEARING (LF1280ZZ), BALL			
32	3-672-754-01	o HOLDER, PC BOARD			
33	3-681-095-01	o IRIS GEAR (A)			
34	3-681-096-02	s STROKE WASHER			
35	3-681-395-01	o IRIS GEAR (B)			
36	3-692-963-02	s WASHER (A)			
37	3-701-444-21	s WASHER, 6			
38	3-712-653-02	s NUT (M8), TUBE			
39	3-993-611-01	s SUPPORT			
41	3-993-613-02	s CHASSIS, BOTTOM			
42	3-993-614-02	s GUARD SWITCH			
43	3-993-615-01	s BLIND PLATE-S			
44	3-993-616-01	s BLIND PLATE-L			
45	3-993-617-01	s BACK PLATE			
46	3-993-618-02	s GUARD, SWITCH			
47	3-993-619-02	s HOUSING			
48	3-993-620-01	s BRACKET, CONNECTOR			
49	3-993-621-01	s RACK BRACKET			
50	3-993-625-01	s REMOVABLE SHEET			

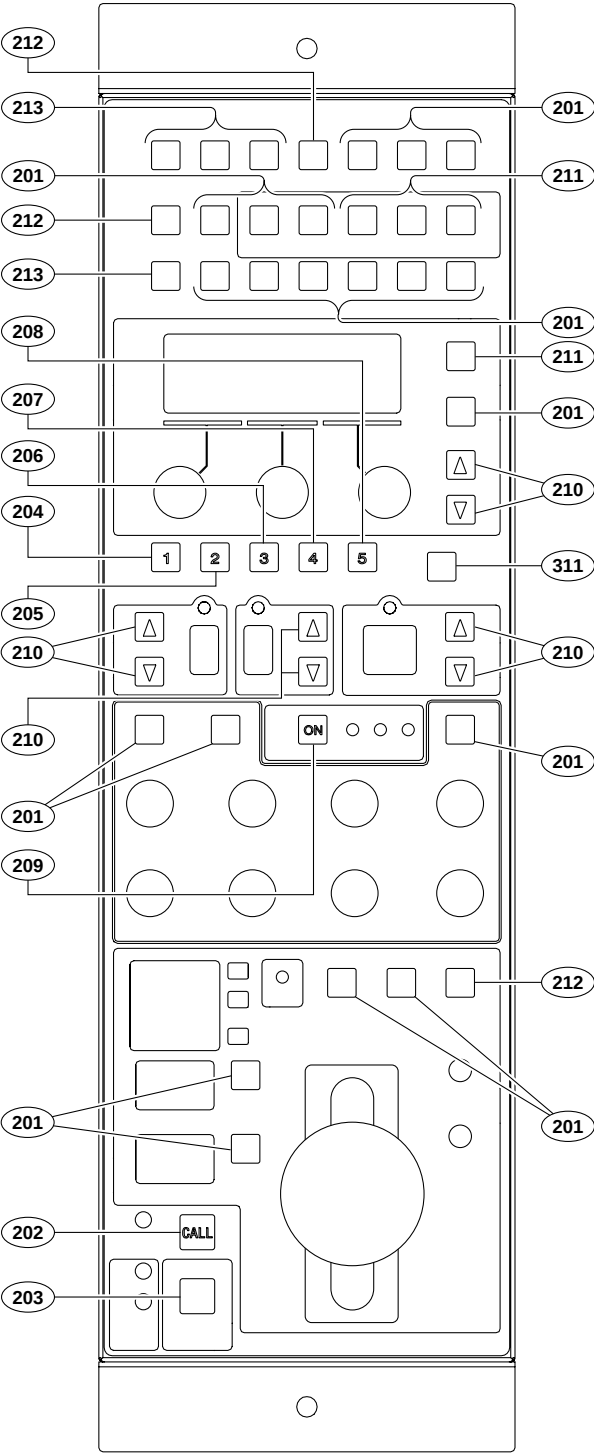
Exploded View

RCP-921

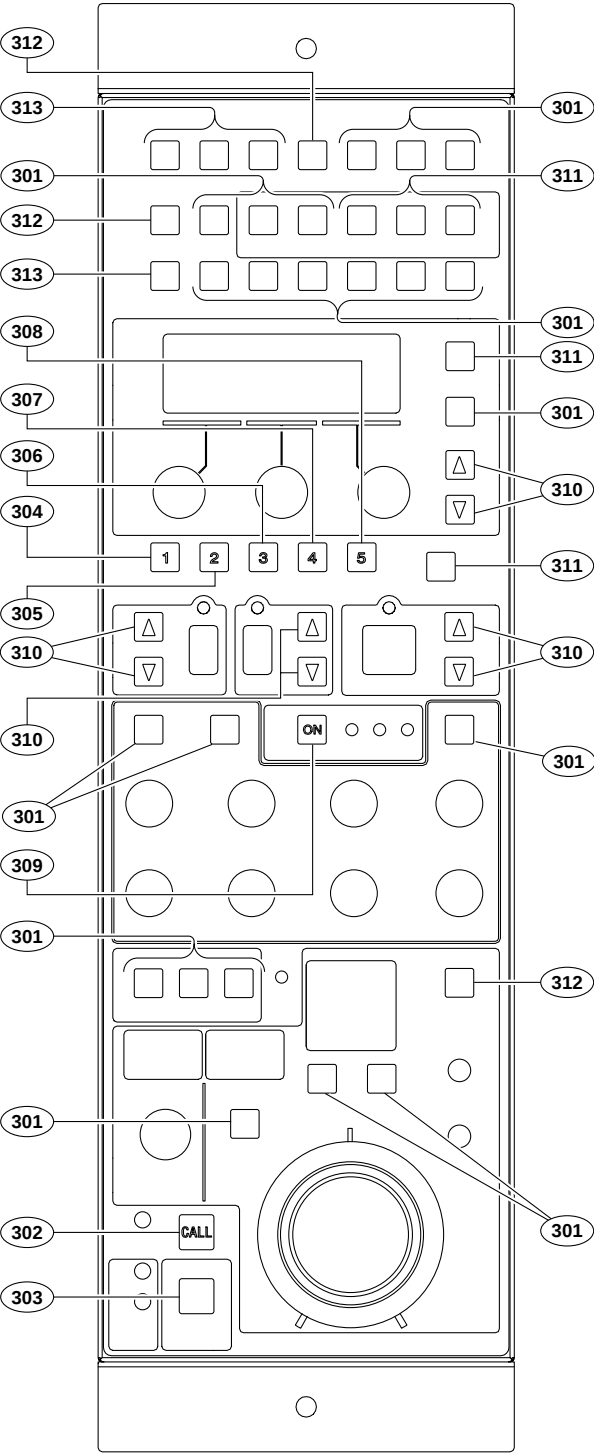


No.	Part No.	SP	Description
101	A-1223-451-A	s	MOUNTED CIRCUIT BOARD, MPU-143
102	A-1223-453-A	s	MOUNTED CIRCUIT BOARD, SW-1308
103	A-1223-454-A	s	MOUNTED CIRCUIT BOARD, LED-450
104	A-1223-456-A	s	MOUNTED CIRCUIT BOARD, LED-452
105	A-1231-990-A	s	CONNECTOR ASSY
106	A-8314-221-A	s	KNOB ASSY, D-IRIS
107	X-3704-943-1	s	KNOB ASSY, VOLUME
108	X-3704-944-1	s	KNOB ASSY(R)
109	X-3704-945-1	s	KNOB ASSY(G)
110	X-3704-946-1	s	KNOB ASSY(B)
111	X-3704-947-1	s	KNOB ASSY(S)
112	1-226-786-22	s	RES, VAR, CERMET 10K
113	1-831-038-11	s	CABLE, FLEXIBLE FLAT (30 CORE)
114	1-831-048-11	s	CABLE, FLEXIBLE FLAT (25 CORE)
115	1-831-063-11	s	CABLE, FLEXIBLE FLAT (30 CORE)
116	2-141-015-01	o	PLATE, COLOR
117	2-141-015-11	o	PLATE, COLOR
118	2-141-015-21	o	PLATE, COLOR
119	2-141-015-31	o	PLATE, COLOR
120	3-178-147-02	s	KNOB, VOLUME
121	3-573-932-01	s	SPRING, TENSION
122	3-576-098-01	s	SPRING, COMPRESSION
123	3-651-607-02	s	BEARING, BALL
124	3-672-754-01	o	HOLDER, PC BOARD
125	3-681-089-05	o	IRIS GAUGE
126	3-681-090-02	o	STOPPER PLATE
127	3-681-097-04	o	IRIS KNOB
128	3-681-098-01	o	DIAL POINTER
129	3-681-382-01	o	FRICTION LEVER
130	3-701-505-01	s	SET SCREW, DOUBLE POINT 3X3
131	3-738-602-02	s	SPACER (3X6)
132	3-993-611-01	s	SUPPORT
134	3-993-613-02	s	CHASSIS, BOTTOM
135	3-993-614-02	s	GUARD SWITCH
136	3-993-618-02	s	GUARD, SWITCH
137	3-993-620-01	s	BRACKET, CONNECTOR
138	3-993-621-01	s	RACK BRACKET
139	3-993-625-01	s	REMOVABLE SHEET
140	3-993-636-02	s	WASHER
141	3-993-743-02	s	SHEET, INSULATING
	7-623-923-11	s	WASHER 2.6, NYLON
	7-627-454-37	s	SCREW, PRECISION +K 2.6X5
	7-671-156-01	s	BALL, STAINLESS
	7-681-000-00	s	SCREW +PWH M2X5
	7-682-149-01	s	SCREW +P 3X10
	7-682-546-09	s	SCREW +B 3X5
	7-682-548-04	s	SCREW +B 3X8
	7-682-903-11	s	SCREW +PWH 3X6

RCP-920



RCP-921



No.	Part No.	SP Description
201	1-762-042-11	s SWITCH, TACTILE (ILLUMINATED)
202	1-762-132-21	s SWITCH, TACTILE (ILLUMINATED)
203	1-762-133-11	s SWITCH, TACTILE (ILLUMINATED)
204	1-762-135-11	s SWITCH, TACTILE (ILLUMINATED)
205	1-762-135-21	s SWITCH, TACTILE (ILLUMINATED)
206	1-762-135-31	s SWITCH, TACTILE (ILLUMINATED)
207	1-762-135-41	s SWITCH, TACTILE (ILLUMINATED)
208	1-762-135-51	s SWITCH, TACTILE (ILLUMINATED)
209	1-762-136-11	s SWITCH, TACTILE (ILLUMINATED)
210	1-762-136-51	s SWITCH, TACTILE (ILLUMINATED)
211	1-762-137-11	s SWITCH, TACTILE (ILLUMINATED)
212	1-762-138-11	s SWITCH, TACTILE (ILLUMINATED)
213	1-762-139-11	s SWITCH, TACTILE (ILLUMINATED)

No.	Part No.	SP Description
301	1-762-042-11	s SWITCH, TACTILE (ILLUMINATED)
302	1-762-132-21	s SWITCH, TACTILE (ILLUMINATED)
303	1-762-133-11	s SWITCH, TACTILE (ILLUMINATED)
304	1-762-135-11	s SWITCH, TACTILE (ILLUMINATED)
305	1-762-135-21	s SWITCH, TACTILE (ILLUMINATED)
306	1-762-135-31	s SWITCH, TACTILE (ILLUMINATED)
307	1-762-135-41	s SWITCH, TACTILE (ILLUMINATED)
308	1-762-135-51	s SWITCH, TACTILE (ILLUMINATED)
309	1-762-136-11	s SWITCH, TACTILE (ILLUMINATED)
310	1-762-136-51	s SWITCH, TACTILE (ILLUMINATED)
311	1-762-137-11	s SWITCH, TACTILE (ILLUMINATED)
312	1-762-138-11	s SWITCH, TACTILE (ILLUMINATED)
313	1-762-139-11	s SWITCH, TACTILE (ILLUMINATED)

2-3. Electrical Parts List

----- CN-2967 BOARD -----

Ref. No. or Q'ty	Part No.	SP Description
CN1	1-766-696-11	o CONNECTOR, ROUND TYPE 8P
CN2	1-766-696-11	o CONNECTOR, ROUND TYPE 8P
CN3	1-566-477-11	o PIN, SOCKET 5P
CN4	1-566-477-11	o PIN, SOCKET 5P
CN5	1-764-441-51	s CONNECTOR, FPC 30P
D1	6-501-123-01	s DIODE RB160M-60TR
D2	6-501-123-01	s DIODE RB160M-60TR
D3	6-501-123-01	s DIODE RB160M-60TR
D4	6-501-123-01	s DIODE RB160M-60TR

----- CN-2968 BOARD -----

Ref. No. or Q'ty	Part No.	SP Description
CN1	1-817-610-11	s CONNECTOR, ROUND TYPE R-M 10P
CN3	1-566-477-11	o PIN, SOCKET 5P
CN4	1-566-477-11	o PIN, SOCKET 5P

----- LED-450 BOARD -----

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1223-454-A	s MOUNTED CIRCUIT BOARD, LED-450
1pc	1-802-404-11	s DISPLAY PANEL, LIQUID CRYSTAL
1pc	3-993-612-03	s SUPPORT, LCD PWB
C1	1-112-300-91	s CAP, CERAMIC 4.7MF B (2012)
C2	1-112-298-91	s CAP, CERAMIC 1MF B (1608)
C3	1-164-230-91	s CAP, CERAMIC 220PF CH 1608
C4	1-100-055-21	s CAP, CHIP CERAMIC 22MF B 3225
C5	1-100-055-21	s CAP, CHIP CERAMIC 22MF B 3225
C6	1-100-055-21	s CAP, CHIP CERAMIC 22MF B 3225
C7	1-100-505-91	s CAP, CERAMIC 0.1MF C (1005)
C8	1-100-505-91	s CAP, CERAMIC 0.1MF C (1005)
C9	1-100-505-91	s CAP, CERAMIC 0.1MF C (1005)
CN1	1-778-650-31	s CONNECTOR, FFC/FPC(ZIF) ST 30P
CN2	1-568-625-11	s PIN, SIL 20P
D1	8-719-073-92	s DIODE RB060L-40TE25
IC1	6-705-481-01	s IC LT1931ES5#TR
IC2	8-759-337-40	s IC NJM2904V(TE2)
IC3	8-759-184-65	s IC TC4W66FU(TE12R)
L1	1-416-344-21	s COIL, CHOKO 10UH
L2	1-416-344-21	s COIL, CHOKO 10UH
L3	1-416-344-21	s COIL, CHOKO 10UH
Q1	8-729-230-27	s TRANSISTOR 2SA1213Y-TE12L
R1	1-208-935-81	s RES, CHIP 100K (1005)
R2	1-208-715-11	s RES, CHIP 22K (1005)
R3	1-208-931-81	s RES, CHIP 68K (1005)
R4	1-208-715-11	s RES, CHIP 22K (1005)
R5	1-208-911-81	s RES, CHIP 10K (1005)
R6	1-208-911-81	s RES, CHIP 10K (1005)
R7	1-208-911-81	s RES, CHIP 10K (1005)
R8	1-208-683-11	s RES, CHIP 1.0K (1005)
R9	1-218-958-11	s RES, CHIP 2.7K (1005)
R10	1-208-635-11	s RES, CHIP 10 (1005)
R11	1-218-941-11	s RES, CHIP 100 (1005)
R12	1-208-715-11	s RES, CHIP 22K (1005)
R13	1-208-911-81	s RES, CHIP 10K (1005)
R14	1-208-683-11	s RES, CHIP 1.0K (1005)
R15	1-208-883-81	s RES, CHIP 680 (1005)
R16	1-218-941-11	s RES, CHIP 100 (1005)
R17	1-218-941-11	s RES, CHIP 100 (1005)
R20	1-218-958-11	s RES, CHIP 2.7K (1005)
R21	1-208-683-11	s RES, CHIP 1.0K (1005)
R22	1-218-618-91	s RES, METAL FILM (CHIP) 22
R23	1-218-622-91	s RES, METAL FILM (CHIP) 47

LED-451 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1223-455-A	s	MOUNTED CIRCUIT BOARD, LED-451
CN1	1-793-264-21	o	CONNECTOR, BOARD TO BOARD 80P
D1	8-719-064-41	s	DIODE CL-191Y-CD-T
D2	8-719-064-41	s	DIODE CL-191Y-CD-T
D3	8-719-027-83	s	DIODE CL-155UR/G-DT
D4	8-719-064-41	s	DIODE CL-191Y-CD-T
D5	8-719-027-83	s	DIODE CL-155UR/G-DT
D6	8-719-063-83	s	DIODE CL-196YG-CD-T
D7	8-719-027-83	s	DIODE CL-155UR/G-DT
D8	8-719-064-41	s	DIODE CL-191Y-CD-T
D9	8-719-027-83	s	DIODE CL-155UR/G-DT
D10	8-719-064-41	s	DIODE CL-191Y-CD-T
D11	8-719-027-83	s	DIODE CL-155UR/G-DT
D12	8-719-064-41	s	DIODE CL-191Y-CD-T
D13	8-719-027-83	s	DIODE CL-155UR/G-DT
ND1	8-719-050-78	s	DIODE MD0708C-RG
ND2	8-719-939-53	s	DIODE LB-203ML
ND3	8-719-939-53	s	DIODE LB-203ML
ND4	8-719-939-53	s	DIODE LB-203ML
ND5	8-719-948-06	s	DIODE LB-202ML

LED-452 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1223-456-A	s	MOUNTED CIRCUIT BOARD, LED-452
CN1	1-793-264-21	o	CONNECTOR, BOARD TO BOARD 80P
D1	8-719-064-41	s	DIODE CL-191Y-CD-T
D2	8-719-064-41	s	DIODE CL-191Y-CD-T
D3	8-719-027-83	s	DIODE CL-155UR/G-DT
D4	8-719-064-41	s	DIODE CL-191Y-CD-T
D5	8-719-027-83	s	DIODE CL-155UR/G-DT
D6	8-719-063-83	s	DIODE CL-196YG-CD-T
D7	8-719-027-83	s	DIODE CL-155UR/G-DT
D8	8-719-064-41	s	DIODE CL-191Y-CD-T
D9	8-719-027-83	s	DIODE CL-155UR/G-DT
D10	8-719-064-41	s	DIODE CL-191Y-CD-T
D11	8-719-027-83	s	DIODE CL-155UR/G-DT
D12	8-719-064-41	s	DIODE CL-191Y-CD-T
D13	8-719-027-83	s	DIODE CL-155UR/G-DT
ND1	8-719-050-78	s	DIODE MD0708C-RG
ND2	8-719-939-53	s	DIODE LB-203ML
ND3	8-719-939-53	s	DIODE LB-203ML
ND4	8-719-939-53	s	DIODE LB-203ML
ND5	8-719-948-06	s	DIODE LB-202ML

MPU-143 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1223-451-A	s	MOUNTED CIRCUIT BOARD, MPU-143
1pc	△ 1-528-174-11	s	BATTERY, LITHIUM (CR2032 TYPE)
BT1	1-756-076-21	s	HOLDER, LITHIUM BATTERY
C1	1-164-874-81	s	CAP, CHIP CERAMIC 100PF CH 1005
C2	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C3	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C5	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C6	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C7	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C8	1-164-844-81	s	CAP, CHIP CERAMIC 4PF CH 1005
C9	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C10	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C11	1-164-844-81	s	CAP, CHIP CERAMIC 4PF CH 1005
C12	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C13	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C14	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C15	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C16	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C17	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C18	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C19	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C20	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C21	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C22	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C23	1-164-935-81	s	CAP, CHIP CERAMIC 470PF B 1005
C24	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C25	1-112-298-91	s	CAP, CERAMIC 1MF B (1608)
C26	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C27	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C28	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C29	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C30	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C31	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C32	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C33	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C34	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C36	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C37	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C38	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C39	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C40	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C41	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C42	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C43	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C44	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C45	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C46	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C47	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C48	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C49	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C50	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C51	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C52	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C53	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C54	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C55	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C56	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C57	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005

(MPU-143 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C58	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C59	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C60	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C61	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C62	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C63	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C64	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C65	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C66	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C67	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C68	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C69	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C101	1-107-420-21	s CAP, CHIP ELECT 47MF
C102	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C103	1-164-862-81	s CAP, CHIP CERAMIC 33PF CH 1005
C104	1-164-862-81	s CAP, CHIP CERAMIC 33PF CH 1005
C105	1-112-692-11	s CAP, CHIP CERAMIC1000PF CH 1005
C106	1-112-692-11	s CAP, CHIP CERAMIC1000PF CH 1005
C107	1-100-567-81	s CAP, CHIP CERAMIC 0.01MF B 1005
C108	1-164-858-81	s CAP, CHIP CERAMIC 22PF CH 1005
C109	1-164-878-81	s CAP, CHIP CERAMIC 150PF CH 1005
C110	1-112-692-11	s CAP, CHIP CERAMIC1000PF CH 1005
C111	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C112	1-112-692-11	s CAP, CHIP CERAMIC1000PF CH 1005
C114	1-131-998-21	s CAP, ELECT 82MF (6.3X6)
C115	1-115-339-91	s CAP, CERAMIC 0.1MF B (2012)
C116	1-127-738-91	s CAP, CERAMIC 4700000PF B(3225)
C117	1-112-299-91	s CAP, CERAMIC 2.2MF B (2012)
C118	1-115-339-91	s CAP, CERAMIC 0.1MF B (2012)
C119	1-115-339-91	s CAP, CERAMIC 0.1MF B (2012)
C120	1-165-629-91	s CAP, CERAMIC 1000000PF B(3225)
C121	1-165-629-91	s CAP, CERAMIC 1000000PF B(3225)
C122	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C123	1-131-998-21	s CAP, ELECT 82MF (6.3X6)
C124	1-107-420-21	s CAP, CHIP ELECT 47MF
C125	1-107-420-21	s CAP, CHIP ELECT 47MF
C126	1-127-738-91	s CAP, CERAMIC 4700000PF B(3225)
C127	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C128	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C129	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C130	1-107-819-81	s CAP, CHIP CERAMIC 22000PF B1005
C131	1-107-819-81	s CAP, CHIP CERAMIC 22000PF B1005
C132	1-107-819-81	s CAP, CHIP CERAMIC 22000PF B1005
C133	1-107-819-81	s CAP, CHIP CERAMIC 22000PF B1005
C134	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C135	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C136	1-125-891-91	s CAP, CHIP CERAMIC0.47MF B 1608
C137	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C138	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C139	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C140	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C141	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C142	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C143	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C144	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C145	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C146	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C147	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C148	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005

(MPU-143 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
C149	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C150	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C151	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C152	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C153	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C154	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C155	1-127-738-91	s CAP, CERAMIC 4700000PF B(3225)
C156	1-135-341-21	s CAP, ELECT 330MF (10X8)
C157	1-135-344-21	s CAP, ELECT 270MF (10X8)
C158	1-135-344-21	s CAP, ELECT 270MF (10X8)
C159	1-131-996-21	s CAP, ELECT 220MF (8X7)
C160	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C201	1-162-921-91	s CAP, CERAMIC 33PF CH 1608
C202	1-162-921-91	s CAP, CERAMIC 33PF CH 1608
C203	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C204	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C205	1-100-881-91	s CAP, CERAMIC 47MF C (3216)
C206	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C207	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C208	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C209	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C210	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C211	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C212	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C213	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C214	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C215	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C216	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C217	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C218	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C219	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C220	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C301	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C302	1-112-692-11	s CAP, CHIP CERAMIC1000PF CH 1005
C303	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C304	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C305	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C306	1-112-692-11	s CAP, CHIP CERAMIC1000PF CH 1005
C307	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C308	1-112-692-11	s CAP, CHIP CERAMIC1000PF CH 1005
C309	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C310	1-100-567-81	s CAP, CHIP CERAMIC 0.01MF B 1005
C311	1-127-692-91	s CAP, CHIP CERAMIC 10MF B 3225
C312	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C313	1-112-692-11	s CAP, CHIP CERAMIC1000PF CH 1005
C314	1-112-692-11	s CAP, CHIP CERAMIC1000PF CH 1005
C315	1-128-590-21	s CAP, CHIP ELECT 100MF
C316	1-112-692-11	s CAP, CHIP CERAMIC1000PF CH 1005
C317	1-164-850-81	s CAP, CHIP CERAMIC 10PF CH 1005
C318	1-164-850-81	s CAP, CHIP CERAMIC 10PF CH 1005
C319	1-104-503-92	s CAP, CERAMIC 1000000PF X7R 3225
C320	1-104-503-92	s CAP, CERAMIC 1000000PF X7R 3225
C321	1-135-787-91	s CAP, CHIP CERAMIC 1000PF
C322	1-104-503-92	s CAP, CERAMIC 1000000PF X7R 3225
C323	1-107-960-91	s CAP, ELECT 4.7MF
CN3	1-793-093-91	o CONNECTOR, BOARD TO BOARD 60P
CN4	1-794-917-11	s CONNECTOR, MEMORY STICK
CN101	1-766-431-51	s HOUSING, CONNECTOR 30P
CN102	1-764-093-21	o PIN, CONNECTOR (PC BOARD) 8P

(MPU-143 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
CN107	1-785-207-51	s	HOUSING, CONNECTOR 25P
CN201	1-778-650-31	s	CONNECTOR, FFC/FPC(ZIF) ST 30P
CN301	1-764-644-11	s	JACK, MODULAR 8P
D1	8-719-016-87	s	DIODE 02DZ2.2-TPH3
D3	8-719-070-20	s	DIODE RB706F-40
D4	8-719-063-83	s	DIODE CL-196YG-CD-T
D5	8-719-077-09	s	DIODE CL-196HR-CD-T
D6	8-719-024-81	s	DIODE 1SS300-TE85L
D7	8-719-027-83	s	DIODE CL-155UR/G-DT
D101	8-719-073-92	s	DIODE RB060L-40TE25
D102	8-719-069-28	s	DIODE 1SS400TE-61
D103	8-719-069-28	s	DIODE 1SS400TE-61
D104	8-719-046-86	s	DIODE F1J6TP
D105	8-719-046-86	s	DIODE F1J6TP
D201	8-719-991-01	s	DIODE DAP222-TL
D301	8-719-061-94	s	DIODE CL-220PG-C-TU
D302	8-719-061-94	s	DIODE CL-220PG-C-TU
D303	8-719-061-94	s	DIODE CL-220PG-C-TU
D304	8-719-061-94	s	DIODE CL-220PG-C-TU
D305	8-719-061-94	s	DIODE CL-220PG-C-TU
D306	8-719-061-94	s	DIODE CL-220PG-C-TU
D307	8-719-061-94	s	DIODE CL-220PG-C-TU
D308	8-719-064-12	s	DIODE S1NB60-4062
D309	8-719-064-12	s	DIODE S1NB60-4062
D310	6-501-218-01	s	DIODE ST03-68F1
DD301	△ 1-480-128-11	s	CONVERTER UNIT, DC-DC
E1	1-535-757-21	s	CHIP, CHECKER
E2	1-535-757-21	s	CHIP, CHECKER
FB101	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB102	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB103	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB104	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB105	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
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	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB110	1-414-864-21	s	FERRITE, EMI (SMD) (1608)
FB111	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB112	1-469-094-21	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)
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)
FB201	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB202	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB203	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
IC1	6-703-461-11	s	IC CY2309ZXC-1HT
IC2	8-759-466-55	s	IC 74LCX74MTCX
IC3	8-759-584-32	s	IC MB86189PFV-G-BND-ER-E1
IC4	8-759-648-04	s	IC RTC-4574JE
IC5	6-706-487-01	s	IC TC7SH08FU(T5RSOYJF)

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Ref. No. or Q'ty	Part No.	SP	Description
IC7	8-759-592-47	s	IC TC7SZ08FU(TE85R)
IC9	6-710-018-01	s	IC CAT24C02WI-GT3
IC10	6-706-487-01	s	IC TC7SH08FU(T5RSOYJF)
IC11	6-706-487-01	s	IC TC7SH08FU(T5RSOYJF)
IC12	8-759-669-68	s	IC SN74CBT3253PWR-12
IC15	6-705-721-01	s	IC MT48LC8M16A2P-75-Y15WTR
IC16	6-705-721-01	s	IC MT48LC8M16A2P-75-Y15WTR
IC17	6-706-484-01	s	IC TC7SH04FU(T5RSOYJF)
IC18	6-707-947-01	s	IC MB85R256PFTN-G-BNDE1
IC19	6-707-947-01	s	IC MB85R256PFTN-G-BNDE1
IC20	8-759-669-41	s	IC SN74LVC125APWR-12
IC21	8-759-466-55	s	IC 74LCX74MTCX
IC22	8-759-543-64	s	IC NC7SZ08P5X
IC23	8-759-557-84	s	IC NC7SZ04P5X
IC24	8-759-557-84	s	IC NC7SZ04P5X
IC25	8-759-543-64	s	IC NC7SZ08P5X
IC26	6-706-488-01	s	IC TC7SH14FU(T5RSOYJF)
IC27	6-706-488-01	s	IC TC7SH14FU(T5RSOYJF)
IC29	8-759-386-27	s	IC 74LCX04MTCX
IC30	6-706-488-01	s	IC TC7SH14FU(T5RSOYJF)
IC31	6-706-484-01	s	IC TC7SH04FU(T5RSOYJF)
IC32	6-706-483-01	s	IC TC7SH02FU(T5RSOYJF)
IC33	6-706-484-01	s	IC TC7SH04FU(T5RSOYJF)
IC101	8-759-597-57	s	IC LTC1628CG#TR
IC102	6-700-655-01	s	IC LT1963ES8#TR
IC103	8-759-662-38	s	IC 74VHCT08AMTCX
IC104	6-700-655-01	s	IC LT1963ES8#TR
IC105	8-759-472-39	s	IC 74VHC244MTCX
IC107	8-759-471-91	s	IC 74VHC04MTCX
IC109	8-759-344-91	s	IC RNSVD23AA-TL-FA
IC110	6-702-319-01	s	IC TC7WZ04FK(TE85R)
IC111	6-706-483-01	s	IC TC7SH02FU(T5RSOYJF)
IC112	6-706-483-01	s	IC TC7SH02FU(T5RSOYJF)
IC201	8-759-594-17	o	IC CXD9093R
IC202	8-752-392-03	s	IC CXD1095BR
IC203	8-759-092-83	s	IC SN75158PSR
IC204	8-759-662-38	s	IC 74VHCT08AMTCX
IC205	8-759-662-38	s	IC 74VHCT08AMTCX
IC206	8-759-337-40	s	IC NJM2904V(TE2)
IC207	8-759-471-91	s	IC 74VHC04MTCX
IC208	8-759-566-06	s	IC TC7WH08FU(TE12R)
IC209	6-706-484-01	s	IC TC7SH04FU(T5RSOYJF)
IC210	8-752-392-03	s	IC CXD1095BR
IC211	8-759-337-40	s	IC NJM2904V(TE2)
IC212	8-759-578-68	s	IC SN74LVCC4245APWR
IC213	8-759-578-68	s	IC SN74LVCC4245APWR
IC301	6-702-691-01	s	IC BCM5221A4KPT
IC302	6-707-863-01	s	IC TC74VHC08FT(EKJ)
IC303	6-709-142-01	s	IC LTC4257CS8-1#TR
L1	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L2	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L4	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L5	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L6	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L7	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L8	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L103	1-416-344-21	s	COIL, CHOKE 10UH
L104	1-416-606-21	s	COIL, CHOKE (SMD) 47UH
L105	1-416-948-21	s	COIL, CHOKE 10UH

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Ref. No. or Q'ty	Part No.	SP Description
L106	1-414-398-41	s INDUCTOR (SMD) 10.0UH
L107	1-416-344-21	s COIL, CHOKE 10UH
L108	1-416-344-21	s COIL, CHOKE 10UH
L201	1-414-398-41	s INDUCTOR (SMD) 10.0UH
L202	1-416-344-21	s COIL, CHOKE 10UH
L301	1-414-396-41	s INDUCTOR (SMD) 4.7UH
PH201	8-749-014-35	s IC HCPL-0630-500
PH202	8-749-014-35	s IC HCPL-0630-500
Q1	8-729-927-99	s TRANSISTOR 2SC4617TL-QR
Q2	8-729-928-19	s TRANSISTOR 2SA1774TL-QR
Q3	8-729-928-37	s TRANSISTOR DTA114EE-TL
Q4	8-729-928-37	s TRANSISTOR DTA114EE-TL
Q5	8-729-929-09	s TRANSISTOR DTC123JE-TL
Q6	8-729-929-09	s TRANSISTOR DTC123JE-TL
Q7	8-729-230-27	s TRANSISTOR 2SA1213Y-TE12L
Q8	8-729-927-99	s TRANSISTOR 2SC4617TL-QR
Q101	8-729-040-83	s TRANSISTOR SI4450DY-T1
Q102	8-729-040-83	s TRANSISTOR SI4450DY-T1
Q103	8-729-927-99	s TRANSISTOR 2SC4617TL-QR
Q104	8-729-040-83	s TRANSISTOR SI4450DY-T1
Q105	8-729-040-83	s TRANSISTOR SI4450DY-T1
Q202	8-729-928-91	s TRANSISTOR DTC114EE-TL
Q301	8-729-928-55	s TRANSISTOR DTA123JE-TL
Q302	8-729-928-55	s TRANSISTOR DTA123JE-TL
Q303	8-729-928-55	s TRANSISTOR DTA123JE-TL
Q304	8-729-928-55	s TRANSISTOR DTA123JE-TL
Q305	8-729-928-55	s TRANSISTOR DTA123JE-TL
Q306	8-729-928-55	s TRANSISTOR DTA123JE-TL
Q307	8-729-928-55	s TRANSISTOR DTA123JE-TL
R6	1-208-911-81	s RES, CHIP 10K (1005)
R8	1-208-855-81	s RES, CHIP 47 (1005)
R9	1-208-855-81	s RES, CHIP 47 (1005)
R10	1-208-855-81	s RES, CHIP 47 (1005)
R11	1-208-855-81	s RES, CHIP 47 (1005)
R12	1-208-879-81	s RES, CHIP 470 (1005)
R13	1-208-691-11	s RES, CHIP 2.2K (1005)
R14	1-208-927-81	s RES, CHIP 47K (1005)
R15	1-218-990-81	s CONDUCTOR, CHIP (1005)
R17	1-208-911-81	s RES, CHIP 10K (1005)
R18	1-208-911-81	s RES, CHIP 10K (1005)
R19	1-218-989-11	s RES, CHIP 1M (1005)
R20	1-208-635-11	s RES, CHIP 10 (1005)
R21	1-208-683-11	s RES, CHIP 1.0K (1005)
R22	1-208-935-81	s RES, CHIP 100K (1005)
R23	1-208-935-81	s RES, CHIP 100K (1005)
R24	1-208-935-81	s RES, CHIP 100K (1005)
R25	1-208-935-81	s RES, CHIP 100K (1005)
R27	1-208-911-81	s RES, CHIP 10K (1005)
R28	1-218-941-11	s RES, CHIP 100 (1005)
R29	1-218-941-11	s RES, CHIP 100 (1005)
R30	1-218-941-11	s RES, CHIP 100 (1005)
R31	1-218-941-11	s RES, CHIP 100 (1005)
R32	1-208-855-81	s RES, CHIP 47 (1005)
R33	1-208-855-81	s RES, CHIP 47 (1005)
R36	1-208-911-81	s RES, CHIP 10K (1005)
R37	1-208-911-81	s RES, CHIP 10K (1005)
R38	1-208-935-81	s RES, CHIP 100K (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R39	1-208-855-81	s RES, CHIP 47 (1005)
R40	1-208-911-81	s RES, CHIP 10K (1005)
R41	1-208-911-81	s RES, CHIP 10K (1005)
R42	1-208-871-81	s RES, CHIP 220 (1005)
R43	1-208-911-81	s RES, CHIP 10K (1005)
R45	1-208-855-81	s RES, CHIP 47 (1005)
R46	1-208-855-81	s RES, CHIP 47 (1005)
R47	1-208-643-11	s RES, CHIP 22 (1005)
R54	1-208-855-81	s RES, CHIP 47 (1005)
R55	1-208-935-81	s RES, CHIP 100K (1005)
R56	1-218-941-11	s RES, CHIP 100 (1005)
R57	1-218-941-11	s RES, CHIP 100 (1005)
R58	1-208-635-11	s RES, CHIP 10 (1005)
R60	1-208-935-81	s RES, CHIP 100K (1005)
R61	1-208-935-81	s RES, CHIP 100K (1005)
R62	1-208-935-81	s RES, CHIP 100K (1005)
R63	1-208-911-81	s RES, CHIP 10K (1005)
R64	1-208-911-81	s RES, CHIP 10K (1005)
R65	1-208-911-81	s RES, CHIP 10K (1005)
R66	1-208-911-81	s RES, CHIP 10K (1005)
R67	1-208-911-81	s RES, CHIP 10K (1005)
R68	1-208-911-81	s RES, CHIP 10K (1005)
R70	1-218-990-81	s CONDUCTOR, CHIP (1005)
R71	1-208-911-81	s RES, CHIP 10K (1005)
R72	1-208-911-81	s RES, CHIP 10K (1005)
R73	1-208-911-81	s RES, CHIP 10K (1005)
R75	1-218-990-81	s CONDUCTOR, CHIP (1005)
R76	1-208-911-81	s RES, CHIP 10K (1005)
R77	1-218-990-81	s CONDUCTOR, CHIP (1005)
R78	1-208-911-81	s RES, CHIP 10K (1005)
R79	1-208-935-81	s RES, CHIP 100K (1005)
R80	1-208-935-81	s RES, CHIP 100K (1005)
R81	1-208-935-81	s RES, CHIP 100K (1005)
R82	1-218-990-81	s CONDUCTOR, CHIP (1005)
R83	1-218-990-81	s CONDUCTOR, CHIP (1005)
R85	1-208-911-81	s RES, CHIP 10K (1005)
R86	1-208-911-81	s RES, CHIP 10K (1005)
R87	1-208-683-11	s RES, CHIP 1.0K (1005)
R88	1-218-990-81	s CONDUCTOR, CHIP (1005)
R91	1-218-941-11	s RES, CHIP 100 (1005)
R92	1-218-941-11	s RES, CHIP 100 (1005)
R93	1-208-911-81	s RES, CHIP 10K (1005)
R94	1-208-683-11	s RES, CHIP 1.0K (1005)
R95	1-208-883-81	s RES, CHIP 680 (1005)
R96	1-208-935-81	s RES, CHIP 100K (1005)
R97	1-218-941-11	s RES, CHIP 100 (1005)
R98	1-218-941-11	s RES, CHIP 100 (1005)
R99	1-218-941-11	s RES, CHIP 100 (1005)
R101	1-218-977-81	s RES, CHIP 100K
R102	1-208-715-11	s RES, CHIP 22K (1005)
R103	1-218-967-81	s RES, CHIP 15K
R104	1-218-953-81	s RES, CHIP 1.0K
R105	1-208-715-11	s RES, CHIP 22K (1005)
R106	1-208-935-81	s RES, CHIP 100K (1005)
R107	1-208-923-81	s RES, CHIP 33K (1005)
R109	1-218-977-81	s RES, CHIP 100K
R110	1-208-931-81	s RES, CHIP 68K (1005)
R111	1-208-883-81	s RES, CHIP 680 (1005)
R112	1-208-691-11	s RES, CHIP 2.2K (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R113	1-208-699-11	s RES, CHIP 4.7K (1005)
R114	1-218-941-11	s RES, CHIP 100 (1005)
R115	1-208-691-11	s RES, CHIP 2.2K (1005)
R116	1-218-929-81	s RES, CHIP 10
R117	1-218-977-81	s RES, CHIP 100K
R118	1-208-683-11	s RES, CHIP 1.0K (1005)
R119	1-218-985-81	s RES, CHIP 470K
R120	1-219-610-21	s RES, CHIP (SQUARE TYPE) 0.022
R121	1-208-691-11	s RES, CHIP 2.2K (1005)
R122	1-218-941-11	s RES, CHIP 100 (1005)
R123	1-218-941-11	s RES, CHIP 100 (1005)
R124	1-208-911-81	s RES, CHIP 10K (1005)
R125	1-208-683-11	s RES, CHIP 1.0K (1005)
R126	1-219-610-21	s RES, CHIP (SQUARE TYPE) 0.022
R127	1-208-635-11	s RES, CHIP 10 (1005)
R128	1-218-941-11	s RES, CHIP 100 (1005)
R129	1-208-635-11	s RES, CHIP 10 (1005)
R130	1-208-635-11	s RES, CHIP 10 (1005)
R131	1-208-635-11	s RES, CHIP 10 (1005)
R132	1-208-635-11	s RES, CHIP 10 (1005)
R133	1-208-635-11	s RES, CHIP 10 (1005)
R134	1-208-635-11	s RES, CHIP 10 (1005)
R135	1-208-635-11	s RES, CHIP 10 (1005)
R136	1-208-635-11	s RES, CHIP 10 (1005)
R137	1-208-635-11	s RES, CHIP 10 (1005)
R138	1-208-683-11	s RES, CHIP 1.0K (1005)
R139	1-208-683-11	s RES, CHIP 1.0K (1005)
R140	1-208-683-11	s RES, CHIP 1.0K (1005)
R141	1-208-683-11	s RES, CHIP 1.0K (1005)
R142	1-208-683-11	s RES, CHIP 1.0K (1005)
R143	1-218-941-11	s RES, CHIP 100 (1005)
R144	1-218-941-11	s RES, CHIP 100 (1005)
R145	1-218-941-11	s RES, CHIP 100 (1005)
R146	1-218-941-11	s RES, CHIP 100 (1005)
R147	1-208-911-81	s RES, CHIP 10K (1005)
R152	1-208-635-11	s RES, CHIP 10 (1005)
R154	1-218-941-11	s RES, CHIP 100 (1005)
R155	1-208-635-11	s RES, CHIP 10 (1005)
R156	1-208-691-11	s RES, CHIP 2.2K (1005)
R157	1-208-691-11	s RES, CHIP 2.2K (1005)
R158	1-208-927-81	s RES, CHIP 47K (1005)
R159	1-208-911-81	s RES, CHIP 10K (1005)
R162	1-208-911-81	s RES, CHIP 10K (1005)
R163	1-208-635-11	s RES, CHIP 10 (1005)
R164	1-218-941-11	s RES, CHIP 100 (1005)
R165	1-218-941-11	s RES, CHIP 100 (1005)
R166	1-218-941-11	s RES, CHIP 100 (1005)
R167	1-218-941-11	s RES, CHIP 100 (1005)
R201	1-220-882-81	s RES, CHIP 33 (1005)
R202	1-208-635-11	s RES, CHIP 10 (1005)
R203	1-208-635-11	s RES, CHIP 10 (1005)
R204	1-218-941-11	s RES, CHIP 100 (1005)
R205	1-220-882-81	s RES, CHIP 33 (1005)
R206	1-208-635-11	s RES, CHIP 10 (1005)
R207	1-208-635-11	s RES, CHIP 10 (1005)
R208	1-218-941-11	s RES, CHIP 100 (1005)
R209	1-208-703-11	s RES, CHIP 6.8K (1005)
R210	1-208-703-11	s RES, CHIP 6.8K (1005)
R211	1-208-703-11	s RES, CHIP 6.8K (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R212	1-208-703-11	s RES, CHIP 6.8K (1005)
R213	1-208-911-81	s RES, CHIP 10K (1005)
R214	1-208-911-81	s RES, CHIP 10K (1005)
R215	1-208-691-11	s RES, CHIP 2.2K (1005)
R216	1-208-911-81	s RES, CHIP 10K (1005)
R217	1-208-911-81	s RES, CHIP 10K (1005)
R218	1-208-911-81	s RES, CHIP 10K (1005)
R219	1-208-635-11	s RES, CHIP 10 (1005)
R220	1-208-911-81	s RES, CHIP 10K (1005)
R221	1-208-911-81	s RES, CHIP 10K (1005)
R222	1-218-941-11	s RES, CHIP 100 (1005)
R223	1-218-941-11	s RES, CHIP 100 (1005)
R224	1-218-941-11	s RES, CHIP 100 (1005)
R226	1-218-941-11	s RES, CHIP 100 (1005)
R227	1-218-941-11	s RES, CHIP 100 (1005)
R231	1-218-990-81	s CONDUCTOR, CHIP (1005)
R232	1-218-990-81	s CONDUCTOR, CHIP (1005)
R235	1-208-715-11	s RES, CHIP 22K (1005)
R236	1-208-715-11	s RES, CHIP 22K (1005)
R237	1-208-715-11	s RES, CHIP 22K (1005)
R238	1-208-715-11	s RES, CHIP 22K (1005)
R239	1-208-715-11	s RES, CHIP 22K (1005)
R240	1-208-911-81	s RES, CHIP 10K (1005)
R241	1-208-911-81	s RES, CHIP 10K (1005)
R242	1-208-911-81	s RES, CHIP 10K (1005)
R243	1-208-911-81	s RES, CHIP 10K (1005)
R244	1-208-911-81	s RES, CHIP 10K (1005)
R245	1-208-715-11	s RES, CHIP 22K (1005)
R246	1-208-635-11	s RES, CHIP 10 (1005)
R247	1-208-879-81	s RES, CHIP 470 (1005)
R248	1-218-941-11	s RES, CHIP 100 (1005)
R249	1-208-635-11	s RES, CHIP 10 (1005)
R250	1-208-635-11	s RES, CHIP 10 (1005)
R251	1-208-635-11	s RES, CHIP 10 (1005)
R252	1-208-635-11	s RES, CHIP 10 (1005)
R253	1-208-635-11	s RES, CHIP 10 (1005)
R254	1-208-635-11	s RES, CHIP 10 (1005)
R255	1-208-635-11	s RES, CHIP 10 (1005)
R256	1-208-635-11	s RES, CHIP 10 (1005)
R257	1-208-635-11	s RES, CHIP 10 (1005)
R258	1-208-635-11	s RES, CHIP 10 (1005)
R259	1-208-635-11	s RES, CHIP 10 (1005)
R260	1-208-635-11	s RES, CHIP 10 (1005)
R261	1-208-635-11	s RES, CHIP 10 (1005)
R262	1-208-715-11	s RES, CHIP 22K (1005)
R263	1-208-635-11	s RES, CHIP 10 (1005)
R264	1-208-715-11	s RES, CHIP 22K (1005)
R265	1-208-635-11	s RES, CHIP 10 (1005)
R266	1-208-635-11	s RES, CHIP 10 (1005)
R267	1-208-635-11	s RES, CHIP 10 (1005)
R268	1-208-635-11	s RES, CHIP 10 (1005)
R301	1-208-935-81	s RES, CHIP 100K (1005)
R302	1-208-935-81	s RES, CHIP 100K (1005)
R303	1-208-935-81	s RES, CHIP 100K (1005)
R304	1-208-935-81	s RES, CHIP 100K (1005)
R305	1-208-935-81	s RES, CHIP 100K (1005)
R306	1-208-935-81	s RES, CHIP 100K (1005)
R307	1-208-935-81	s RES, CHIP 100K (1005)
R308	1-208-935-81	s RES, CHIP 100K (1005)

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Ref. No. or Q'ty	Part No.	SP Description
R309	1-208-935-81	s RES, CHIP 100K (1005)
R310	1-208-935-81	s RES, CHIP 100K (1005)
R311	1-208-935-81	s RES, CHIP 100K (1005)
R312	1-208-935-81	s RES, CHIP 100K (1005)
R313	1-208-643-11	s RES, CHIP 22 (1005)
R314	1-208-699-11	s RES, CHIP 4.7K (1005)
R315	1-208-635-11	s RES, CHIP 10 (1005)
R316	1-208-635-11	s RES, CHIP 10 (1005)
R317	1-208-635-11	s RES, CHIP 10 (1005)
R318	1-208-635-11	s RES, CHIP 10 (1005)
R320	1-208-891-81	s RES, CHIP 1.5K (1005)
R321	1-208-879-81	s RES, CHIP 470 (1005)
R322	1-208-883-81	s RES, CHIP 680 (1005)
R323	1-208-643-11	s RES, CHIP 22 (1005)
R324	1-218-941-11	s RES, CHIP 100 (1005)
R325	1-218-941-11	s RES, CHIP 100 (1005)
R326	1-218-941-11	s RES, CHIP 100 (1005)
R327	1-208-871-81	s RES, CHIP 220 (1005)
R328	1-218-941-11	s RES, CHIP 100 (1005)
R329	1-218-941-11	s RES, CHIP 100 (1005)
R330	1-218-941-11	s RES, CHIP 100 (1005)
R331	1-218-941-11	s RES, CHIP 100 (1005)
R332	1-218-941-11	s RES, CHIP 100 (1005)
R333	1-208-871-81	s RES, CHIP 220 (1005)
R334	1-208-871-81	s RES, CHIP 220 (1005)
R335	1-208-871-81	s RES, CHIP 220 (1005)
R336	1-208-871-81	s RES, CHIP 220 (1005)
R337	1-208-871-81	s RES, CHIP 220 (1005)
R338	1-208-871-81	s RES, CHIP 220 (1005)
R339	1-218-263-91	s RES, SQUARE TYPE CHIP 75(4532)
R340	1-218-263-91	s RES, SQUARE TYPE CHIP 75(4532)
R341	1-208-935-81	s RES, CHIP 100K (1005)
R400	1-208-935-81	s RES, CHIP 100K (1005)
R401	1-208-935-81	s RES, CHIP 100K (1005)
R402	1-208-935-81	s RES, CHIP 100K (1005)
R404	1-208-911-81	s RES, CHIP 10K (1005)
R405	1-218-941-11	s RES, CHIP 100 (1005)
R406	1-218-941-11	s RES, CHIP 100 (1005)
R407	1-208-935-81	s RES, CHIP 100K (1005)
R408	1-208-715-11	s RES, CHIP 22K (1005)
R409	1-208-927-81	s RES, CHIP 47K (1005)
R410	1-208-927-81	s RES, CHIP 47K (1005)
R411	1-208-695-11	s RES, CHIP 3.3K (1005)
RB2	1-234-381-21	s RES, NETWORK 100K (1005X4)
RB3	1-234-381-21	s RES, NETWORK 100K (1005X4)
RB4	1-234-381-21	s RES, NETWORK 100K (1005X4)
RB5	1-234-381-21	s RES, NETWORK 100K (1005X4)
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	1-234-381-21	s RES, NETWORK 100K (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)

(MPU-143 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
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	1-234-381-21	s RES, NETWORK 100K (1005X4)
RB101	1-234-375-21	s RES, NETWORK 1K (1005X4)
RB102	1-234-381-21	s RES, NETWORK 100K (1005X4)
RB105	1-234-372-21	s RES, NETWORK 100 (1005X4)
RB106	1-234-372-21	s RES, NETWORK 100 (1005X4)
RB107	1-234-372-21	s RES, NETWORK 100 (1005X4)
RB201	1-234-381-21	s RES, NETWORK 100K (1005X4)
RB202	1-234-381-21	s RES, NETWORK 100K (1005X4)
RB203	1-234-381-21	s RES, NETWORK 100K (1005X4)
RB204	1-234-381-21	s RES, NETWORK 100K (1005X4)
RB205	1-234-381-21	s RES, NETWORK 100K (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	1-234-381-21	s RES, NETWORK 100K (1005X4)
RB215	1-234-381-21	s RES, NETWORK 100K (1005X4)
RB216	1-234-381-21	s RES, NETWORK 100K (1005X4)
RB217	1-234-381-21	s RES, NETWORK 100K (1005X4)
RB218	1-234-381-21	s RES, NETWORK 100K (1005X4)
RB219	1-234-379-21	s RES, NETWORK 22K (1005X4)
RB220	1-234-379-21	s RES, NETWORK 22K (1005X4)
RB221	1-234-379-21	s RES, NETWORK 22K (1005X4)
RB222	1-234-379-21	s RES, NETWORK 22K (1005X4)
RB223	1-234-378-21	s RES, NETWORK 10K (1005X4)
RB224	1-234-378-21	s RES, NETWORK 10K (1005X4)
RB225	1-234-378-21	s RES, NETWORK 10K (1005X4)
RB226	1-234-378-21	s RES, NETWORK 10K (1005X4)
RY201	1-755-380-21	s RELAY
S2	1-771-709-41	s SWITCH, SLIDE
S201	1-692-271-41	s SWITCH, SLIDE
S202	1-692-271-41	s SWITCH, SLIDE
T301	1-437-527-41	s TRANSFORMER, PULSE
THP1	△ 1-803-353-21	s THERMISTOR, POSITIVE
THP101	△ 1-533-817-21	s THERMISTOR
THP102	△ 1-533-817-21	s THERMISTOR
THP104	△ 1-533-817-21	s THERMISTOR
THP105	△ 1-533-817-21	s THERMISTOR
TP1	1-535-757-21	s CHIP, CHECKER
TP101	1-535-757-21	s CHIP, CHECKER
TP102	1-535-757-21	s CHIP, CHECKER
TP103	1-535-757-21	s CHIP, CHECKER
TP104	1-535-757-21	s CHIP, CHECKER
X1	1-795-613-11	s VIBRATOR, CRYSTAL (27MHZ) (27 MHz)
X301	1-813-007-21	s OSCILLATOR, CRYSTAL (SMD)

SW-1307 BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1223-452-A	s	MOUNTED CIRCUIT BOARD, SW-1307
1pc	3-708-895-01	s	CAP
1pc	3-708-933-11	s	CAP
1pc	3-708-934-01	s	CAP
1pc	3-708-936-01	s	CAP
1pc	3-708-936-11	s	CAP
1pc	3-708-936-21	s	CAP
1pc	3-708-936-31	s	CAP
1pc	3-708-936-41	s	CAP
1pc	3-708-937-01	s	CAP
1pc	3-708-937-41	s	CAP
1pc	3-708-938-01	s	CAP
1pc	3-708-940-01	s	CAP
BZ1	1-544-886-11	s	BUZZER
C1	1-162-919-91	s	CAP, CERAMIC 22PF CH 1608
C2	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C3	1-162-919-91	s	CAP, CERAMIC 22PF CH 1608
C4	1-127-692-91	s	CAP, CHIP CERAMIC 10MF B 3225
C5	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C6	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C7	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C8	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C9	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C10	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C11	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C12	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C13	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C14	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C15	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C17	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C18	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C19	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C20	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C21	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C22	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C24	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C25	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C26	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C27	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C28	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C29	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C30	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C31	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C32	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C33	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C34	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C35	1-100-881-91	s	CAP, CERAMIC 47MF C (3216)
C36	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C37	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C38	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C39	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C40	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C41	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C42	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C43	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C44	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C45	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C46	1-164-227-91	s	CAP, CERAMIC 22000PF B 1608

(SW-1307 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C47	1-164-227-91	s	CAP, CERAMIC 22000PF B 1608
C48	1-164-227-91	s	CAP, CERAMIC 22000PF B 1608
C49	1-164-227-91	s	CAP, CERAMIC 22000PF B 1608
C50	1-164-227-91	s	CAP, CERAMIC 22000PF B 1608
C51	1-164-227-91	s	CAP, CERAMIC 22000PF B 1608
C52	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C55	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C101	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C102	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C103	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C104	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C105	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C106	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C107	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C108	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C109	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C110	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C111	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C112	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C113	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C114	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C115	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C116	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C117	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C118	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C119	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C120	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C121	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C122	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C123	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C201	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C202	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C203	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C204	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C205	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C206	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C207	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C208	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C209	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
C210	1-107-826-91	s	CAP, CHIP CERAMIC 100000PF B
CN1	1-764-875-51	s	CONNECTOR, FPC 25P
CN3	1-506-471-11	o	PIN, CONNECTOR 6P
CN211	1-778-532-21	o	CONNECTOR, BOARD TO BOARD 80P
D1	8-719-820-42	s	DIODE 1SS302-TE85L
D2	8-719-820-42	s	DIODE 1SS302-TE85L
D101	8-719-024-81	s	DIODE 1SS300-TE85L
D102	8-719-024-81	s	DIODE 1SS300-TE85L
D103	8-719-024-81	s	DIODE 1SS300-TE85L
D104	8-719-024-81	s	DIODE 1SS300-TE85L
D105	8-719-024-81	s	DIODE 1SS300-TE85L
D106	8-719-024-81	s	DIODE 1SS300-TE85L
D107	8-719-024-81	s	DIODE 1SS300-TE85L
D108	8-719-024-81	s	DIODE 1SS300-TE85L
D109	8-719-024-81	s	DIODE 1SS300-TE85L
D110	8-719-024-81	s	DIODE 1SS300-TE85L
D111	8-719-024-81	s	DIODE 1SS300-TE85L
D112	8-719-024-81	s	DIODE 1SS300-TE85L
D113	8-719-024-81	s	DIODE 1SS300-TE85L

(SW-1307 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
D114	8-719-024-81	s	DIODE 1SS300-TE85L
D115	8-719-024-81	s	DIODE 1SS300-TE85L
D116	8-719-024-81	s	DIODE 1SS300-TE85L
D117	8-719-024-81	s	DIODE 1SS300-TE85L
D118	8-719-024-81	s	DIODE 1SS300-TE85L
D119	8-719-024-81	s	DIODE 1SS300-TE85L
D120	8-719-024-81	s	DIODE 1SS300-TE85L
D121	8-719-024-81	s	DIODE 1SS300-TE85L
D122	8-719-024-81	s	DIODE 1SS300-TE85L
D123	8-719-024-81	s	DIODE 1SS300-TE85L
D124	8-719-024-81	s	DIODE 1SS300-TE85L
D126	8-719-024-81	s	DIODE 1SS300-TE85L
D127	8-719-024-81	s	DIODE 1SS300-TE85L
E1	1-535-757-21	s	CHIP, CHECKER
E2	1-535-757-21	s	CHIP, CHECKER
E3	1-535-757-21	s	CHIP, CHECKER
E4	1-535-757-21	s	CHIP, CHECKER
EN1	1-475-218-11	s	ENCODER, ROTARY
EN2	1-475-218-11	s	ENCODER, ROTARY
EN3	1-475-218-11	s	ENCODER, ROTARY
IC1	6-700-655-01	s	IC LT1963ES8#TR
IC2	6-700-655-01	s	IC LT1963ES8#TR
IC3	6-700-655-01	s	IC LT1963ES8#TR
IC4	8-759-388-15	o	IC HD6435328RE48F
IC5	8-759-524-23	s	IC TC74VHC238FT(EL)
IC7	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC8	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC9	8-759-386-27	s	IC 74LCX04MTCX
IC11	8-759-471-91	s	IC 74VHC04MTCX
IC12	8-759-669-72	s	IC TL064CPWR
IC13	8-759-669-72	s	IC TL064CPWR
IC14	8-759-346-27	s	IC LM45BIM3X
IC101	8-759-524-23	s	IC TC74VHC238FT(EL)
IC102	6-707-880-01	s	IC TC74VHC573FT(EKJ)
IC103	6-707-880-01	s	IC TC74VHC573FT(EKJ)
IC104	6-707-880-01	s	IC TC74VHC573FT(EKJ)
IC105	6-707-880-01	s	IC TC74VHC573FT(EKJ)
IC106	6-707-880-01	s	IC TC74VHC573FT(EKJ)
IC107	6-707-880-01	s	IC TC74VHC573FT(EKJ)
IC108	6-707-880-01	s	IC TC74VHC573FT(EKJ)
IC109	8-759-524-23	s	IC TC74VHC238FT(EL)
IC201	8-759-491-48	s	IC TC74VHCT138AFT(EL)
IC202	8-759-524-23	s	IC TC74VHC238FT(EL)
IC203	8-759-524-23	s	IC TC74VHC238FT(EL)
IC204	6-707-880-01	s	IC TC74VHC573FT(EKJ)
IC205	6-707-880-01	s	IC TC74VHC573FT(EKJ)
IC206	6-707-880-01	s	IC TC74VHC573FT(EKJ)
L1	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L2	1-416-344-21	s	COIL, CHOKE 10UH
L3	1-416-344-21	s	COIL, CHOKE 10UH
L4	1-416-344-21	s	COIL, CHOKE 10UH
L5	1-416-344-21	s	COIL, CHOKE 10UH
L6	1-414-400-41	s	INDUCTOR (SMD) 22.0UH
L7	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
Q1	8-729-140-67	s	TRANSISTOR 2SC4177-T1L5L6
Q2	8-729-140-64	s	TRANSISTOR 2SA1611T1-M5M6
Q101	8-729-029-03	s	TRANSISTOR DTC123EUA-T106

(SW-1307 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q102	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q103	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q104	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q105	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q106	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q107	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q108	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q109	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q110	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q111	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q112	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q113	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q114	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q115	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q116	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q117	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q118	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q119	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q120	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q121	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q122	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q123	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q124	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q125	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q126	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q127	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q128	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q129	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q130	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q131	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q133	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q134	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q135	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q136	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q137	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q138	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q139	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q141	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q142	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q143	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q145	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q146	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q147	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q148	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q149	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q150	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q151	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q201	8-729-102-84	s	TRANSISTOR 2SB624-T1BV5
Q202	8-729-102-84	s	TRANSISTOR 2SB624-T1BV5
Q203	8-729-102-84	s	TRANSISTOR 2SB624-T1BV5
Q204	8-729-102-84	s	TRANSISTOR 2SB624-T1BV5
Q205	8-729-102-84	s	TRANSISTOR 2SB624-T1BV5
Q206	8-729-102-84	s	TRANSISTOR 2SB624-T1BV5
Q207	8-729-102-84	s	TRANSISTOR 2SB624-T1BV5
Q208	8-729-102-84	s	TRANSISTOR 2SB624-T1BV5
Q209	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q210	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q211	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q212	8-729-029-03	s	TRANSISTOR DTC123EUA-T106

(SW-1307 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q213	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q214	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q215	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q216	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q217	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q218	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q219	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q220	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q221	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q222	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q223	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q224	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q225	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q226	8-729-028-80	s	TRANSISTOR DTA123EUA-T106
Q227	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q228	8-729-028-80	s	TRANSISTOR DTA123EUA-T106
Q229	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q230	8-729-028-80	s	TRANSISTOR DTA123EUA-T106
Q231	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q232	8-729-028-80	s	TRANSISTOR DTA123EUA-T106
Q233	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q234	8-729-028-80	s	TRANSISTOR DTA123EUA-T106
Q235	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q236	8-729-028-80	s	TRANSISTOR DTA123EUA-T106
Q237	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q238	8-729-028-80	s	TRANSISTOR DTA123EUA-T106
Q239	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q240	8-729-028-80	s	TRANSISTOR DTA123EUA-T106
Q241	8-729-102-94	s	TRANSISTOR 2SD596-T1DV5
Q242	8-729-102-94	s	TRANSISTOR 2SD596-T1DV5
Q243	8-729-102-94	s	TRANSISTOR 2SD596-T1DV5
Q244	8-729-102-94	s	TRANSISTOR 2SD596-T1DV5
Q245	8-729-102-94	s	TRANSISTOR 2SD596-T1DV5
Q246	8-729-102-94	s	TRANSISTOR 2SD596-T1DV5
Q247	8-729-102-94	s	TRANSISTOR 2SD596-T1DV5
Q248	8-729-102-94	s	TRANSISTOR 2SD596-T1DV5
Q249	8-729-102-94	s	TRANSISTOR 2SD596-T1DV5
Q250	8-729-102-94	s	TRANSISTOR 2SD596-T1DV5
Q251	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q252	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q253	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q254	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q255	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q256	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q257	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q258	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q259	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q260	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q261	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q262	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q263	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q264	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q265	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q266	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q267	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q268	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q269	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q270	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q271	8-729-029-03	s	TRANSISTOR DTC123EUA-T106

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Ref. No. or Q'ty	Part No.	SP	Description
Q272	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q273	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q274	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q275	8-729-102-94	s	TRANSISTOR 2SD596-T1DV5
R2	1-218-823-91	s	RES, CHIP 100 (1608)
R3	1-218-919-91	s	RES, CHIP 1M (1608)
R4	1-218-855-91	s	RES, CHIP 2.2K (1608)
R5	1-218-863-91	s	RES, CHIP 4.7K (1608)
R6	1-218-823-91	s	RES, CHIP 100 (1608)
R7	1-218-855-91	s	RES, CHIP 2.2K (1608)
R8	1-218-855-91	s	RES, CHIP 2.2K (1608)
R9	1-218-851-91	s	RES, CHIP 1.5K (1608)
R10	1-218-823-91	s	RES, CHIP 100 (1608)
R11	1-218-855-91	s	RES, CHIP 2.2K (1608)
R12	1-218-831-91	s	RES, CHIP 220 (1608)
R13	1-218-831-91	s	RES, CHIP 220 (1608)
R14	1-218-831-91	s	RES, CHIP 220 (1608)
R15	1-218-831-91	s	RES, CHIP 220 (1608)
R16	1-218-855-91	s	RES, CHIP 2.2K (1608)
R17	1-218-863-91	s	RES, CHIP 4.7K (1608)
R18	1-218-823-91	s	RES, CHIP 100 (1608)
R19	1-218-855-91	s	RES, CHIP 2.2K (1608)
R20	1-218-831-91	s	RES, CHIP 220 (1608)
R21	1-218-823-91	s	RES, CHIP 100 (1608)
R22	1-218-823-91	s	RES, CHIP 100 (1608)
R23	1-218-831-91	s	RES, CHIP 220 (1608)
R24	1-218-871-91	s	RES, CHIP 10K (1608)
R25	1-218-871-91	s	RES, CHIP 10K (1608)
R26	1-218-871-91	s	RES, CHIP 10K (1608)
R27	1-218-871-91	s	RES, CHIP 10K (1608)
R28	1-218-871-91	s	RES, CHIP 10K (1608)
R29	1-218-871-91	s	RES, CHIP 10K (1608)
R30	1-218-871-91	s	RES, CHIP 10K (1608)
R31	1-218-871-91	s	RES, CHIP 10K (1608)
R32	1-218-871-91	s	RES, CHIP 10K (1608)
R33	1-218-871-91	s	RES, CHIP 10K (1608)
R36	1-218-823-91	s	RES, CHIP 100 (1608)
R37	1-218-895-91	s	RES, CHIP 100K (1608)
R38	1-218-895-91	s	RES, CHIP 100K (1608)
R39	1-218-883-91	s	RES, CHIP 33K (1608)
R40	1-218-823-91	s	RES, CHIP 100 (1608)
R101	1-218-827-91	s	RES, CHIP 150 (1608)
R102	1-218-827-91	s	RES, CHIP 150 (1608)
R103	1-218-827-91	s	RES, CHIP 150 (1608)
R104	1-218-847-91	s	RES, CHIP 1.0K (1608)
R105	1-218-827-91	s	RES, CHIP 150 (1608)
R106	1-218-831-91	s	RES, CHIP 220 (1608)
R107	1-218-831-91	s	RES, CHIP 220 (1608)
R108	1-218-831-91	s	RES, CHIP 220 (1608)
R109	1-218-847-91	s	RES, CHIP 1.0K (1608)
R110	1-218-831-91	s	RES, CHIP 220 (1608)
R111	1-218-831-91	s	RES, CHIP 220 (1608)
R112	1-218-831-91	s	RES, CHIP 220 (1608)
R113	1-218-831-91	s	RES, CHIP 220 (1608)
R114	1-218-839-91	s	RES, CHIP 470 (1608)
R115	1-218-839-91	s	RES, CHIP 470 (1608)
R116	1-218-839-91	s	RES, CHIP 470 (1608)
R117	1-218-831-91	s	RES, CHIP 220 (1608)
R118	1-218-831-91	s	RES, CHIP 220 (1608)

(SW-1307 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
RB202	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB203	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB204	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RB205	1-234-373-21	s	RES, NETWORK 220 (1005X4)
RV1	1-227-562-11	s	RES, VAR, CARBON 10K
RV2	1-238-255-21	s	RES, VAR, CARBON 10K
RV3	1-227-562-11	s	RES, VAR, CARBON 10K
RV4	1-238-255-21	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	1-227-562-11	s	RES, VAR, CARBON 10K
RV8	1-227-562-11	s	RES, VAR, CARBON 10K
RV9	1-227-562-11	s	RES, VAR, CARBON 10K
RV10	1-227-562-11	s	RES, VAR, CARBON 10K
S101	1-762-139-11	s	SWITCH, TACTILE (ILLUMINATED)
S102	1-762-139-11	s	SWITCH, TACTILE (ILLUMINATED)
S103	1-762-139-11	s	SWITCH, TACTILE (ILLUMINATED)
S104	1-762-138-11	s	SWITCH, TACTILE (ILLUMINATED)
S105	1-762-042-11	s	SWITCH, TACTILE (ILLUMINATED)
S106	1-762-042-11	s	SWITCH, TACTILE (ILLUMINATED)
S107	1-762-042-11	s	SWITCH, TACTILE (ILLUMINATED)
S108	1-762-138-11	s	SWITCH, TACTILE (ILLUMINATED)
S109	1-762-042-11	s	SWITCH, TACTILE (ILLUMINATED)
S110	1-762-042-11	s	SWITCH, TACTILE (ILLUMINATED)
S111	1-762-042-11	s	SWITCH, TACTILE (ILLUMINATED)
S112	1-762-137-11	s	SWITCH, TACTILE (ILLUMINATED)
S113	1-762-137-11	s	SWITCH, TACTILE (ILLUMINATED)
S114	1-762-137-11	s	SWITCH, TACTILE (ILLUMINATED)
S115	1-762-139-11	s	SWITCH, TACTILE (ILLUMINATED)
S116	1-762-042-11	s	SWITCH, TACTILE (ILLUMINATED)
S117	1-762-042-11	s	SWITCH, TACTILE (ILLUMINATED)
S118	1-762-042-11	s	SWITCH, TACTILE (ILLUMINATED)
S119	1-762-042-11	s	SWITCH, TACTILE (ILLUMINATED)
S120	1-762-042-11	s	SWITCH, TACTILE (ILLUMINATED)
S121	1-762-042-11	s	SWITCH, TACTILE (ILLUMINATED)
S122	1-762-137-11	s	SWITCH, TACTILE (ILLUMINATED)
S123	1-762-042-11	s	SWITCH, TACTILE (ILLUMINATED)
S124	1-762-136-51	s	SWITCH, TACTILE (ILLUMINATED)
S125	1-762-135-11	s	SWITCH, TACTILE (ILLUMINATED)
S126	1-762-135-21	s	SWITCH, TACTILE (ILLUMINATED)
S127	1-762-135-31	s	SWITCH, TACTILE (ILLUMINATED)
S128	1-762-135-41	s	SWITCH, TACTILE (ILLUMINATED)
S129	1-762-135-51	s	SWITCH, TACTILE (ILLUMINATED)
S130	1-762-137-11	s	SWITCH, TACTILE (ILLUMINATED)
S131	1-762-136-51	s	SWITCH, TACTILE (ILLUMINATED)
S132	1-762-136-51	s	SWITCH, TACTILE (ILLUMINATED)
S133	1-762-136-51	s	SWITCH, TACTILE (ILLUMINATED)
S134	1-762-136-51	s	SWITCH, TACTILE (ILLUMINATED)
S135	1-762-136-51	s	SWITCH, TACTILE (ILLUMINATED)
S136	1-762-136-51	s	SWITCH, TACTILE (ILLUMINATED)
S137	1-762-136-51	s	SWITCH, TACTILE (ILLUMINATED)
S138	1-762-042-11	s	SWITCH, TACTILE (ILLUMINATED)
S139	1-762-042-11	s	SWITCH, TACTILE (ILLUMINATED)
S140	1-762-136-11	s	SWITCH, TACTILE (ILLUMINATED)
S141	1-762-042-11	s	SWITCH, TACTILE (ILLUMINATED)
S143	1-762-042-11	s	SWITCH, TACTILE (ILLUMINATED)
S144	1-762-042-11	s	SWITCH, TACTILE (ILLUMINATED)
S145	1-762-138-11	s	SWITCH, TACTILE (ILLUMINATED)
S146	1-762-042-11	s	SWITCH, TACTILE (ILLUMINATED)

(SW-1307 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
S147	1-762-042-11	s	SWITCH, TACTILE (ILLUMINATED)
S148	1-762-132-21	s	SWITCH, TACTILE (ILLUMINATED)
S149	1-762-133-11	s	SWITCH, TACTILE (ILLUMINATED)
X1	1-813-287-11	s	VIBRATOR, CRYSTAL (18 MHZ)

SW-1308 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1223-453-A	s MOUNTED CIRCUIT BOARD, SW-1308
1pc	3-708-895-01	s CAP
1pc	3-708-933-11	s CAP
1pc	3-708-934-01	s CAP
1pc	3-708-936-01	s CAP
1pc	3-708-936-11	s CAP
1pc	3-708-936-21	s CAP
1pc	3-708-936-31	s CAP
1pc	3-708-936-41	s CAP
1pc	3-708-937-01	s CAP
1pc	3-708-937-41	s CAP
1pc	3-708-938-01	s CAP
1pc	3-708-940-01	s CAP
BZ1	1-544-886-11	s BUZZER
C1	1-162-919-91	s CAP, CERAMIC 22PF CH 1608
C2	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C3	1-162-919-91	s CAP, CERAMIC 22PF CH 1608
C4	1-127-692-91	s CAP, CHIP CERAMIC 10MF B 3225
C5	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C6	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C7	1-100-881-91	s CAP, CERAMIC 47MF C (3216)
C8	1-100-881-91	s CAP, CERAMIC 47MF C (3216)
C9	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C10	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C11	1-100-881-91	s CAP, CERAMIC 47MF C (3216)
C12	1-100-881-91	s CAP, CERAMIC 47MF C (3216)
C13	1-100-881-91	s CAP, CERAMIC 47MF C (3216)
C14	1-100-881-91	s CAP, CERAMIC 47MF C (3216)
C15	1-100-881-91	s CAP, CERAMIC 47MF C (3216)
C17	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C18	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C19	1-100-881-91	s CAP, CERAMIC 47MF C (3216)
C20	1-100-881-91	s CAP, CERAMIC 47MF C (3216)
C21	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C22	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C23	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C24	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C25	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C27	1-100-881-91	s CAP, CERAMIC 47MF C (3216)
C28	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C29	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C30	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C31	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C32	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C33	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C34	1-100-055-21	s CAP, CHIP CERAMIC 22MF B 3225
C35	1-100-881-91	s CAP, CERAMIC 47MF C (3216)
C36	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C37	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C38	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C39	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C40	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C41	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C42	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C43	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C44	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C45	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C46	1-164-227-91	s CAP, CERAMIC 22000PF B 1608

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Ref. No. or Q'ty	Part No.	SP Description
C47	1-164-227-91	s CAP, CERAMIC 22000PF B 1608
C48	1-164-227-91	s CAP, CERAMIC 22000PF B 1608
C49	1-164-227-91	s CAP, CERAMIC 22000PF B 1608
C50	1-164-227-91	s CAP, CERAMIC 22000PF B 1608
C51	1-164-227-91	s CAP, CERAMIC 22000PF B 1608
C52	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C53	1-164-227-91	s CAP, CERAMIC 22000PF B 1608
C54	1-164-227-91	s CAP, CERAMIC 22000PF B 1608
C55	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C101	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C102	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C103	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C104	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C105	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C106	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C107	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C108	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C109	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C110	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C111	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C112	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C113	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C114	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C115	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C116	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C117	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C118	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C119	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C120	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C121	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C122	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C123	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C201	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C202	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C203	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C204	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C205	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C206	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C207	1-100-159-91	s CAP, CERAMIC 22MF B (SMD) 3216
C208	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C209	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
C210	1-107-826-91	s CAP, CHIP CERAMIC 100000PF B
CN1	1-764-875-51	s CONNECTOR, FPC 25P
CN2	1-506-468-11	o PIN, CONNECTOR 3P
CN211	1-778-532-21	o CONNECTOR, BOARD TO BOARD 80P
D1	8-719-820-42	s DIODE 1SS302-TE85L
D2	8-719-820-42	s DIODE 1SS302-TE85L
D101	8-719-024-81	s DIODE 1SS300-TE85L
D102	8-719-024-81	s DIODE 1SS300-TE85L
D103	8-719-024-81	s DIODE 1SS300-TE85L
D104	8-719-024-81	s DIODE 1SS300-TE85L
D105	8-719-024-81	s DIODE 1SS300-TE85L
D106	8-719-024-81	s DIODE 1SS300-TE85L
D107	8-719-024-81	s DIODE 1SS300-TE85L
D108	8-719-024-81	s DIODE 1SS300-TE85L
D109	8-719-024-81	s DIODE 1SS300-TE85L
D110	8-719-024-81	s DIODE 1SS300-TE85L
D111	8-719-024-81	s DIODE 1SS300-TE85L

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Ref. No. or Q'ty	Part No.	SP	Description
D112	8-719-024-81	s	DIODE 1SS300-TE85L
D113	8-719-024-81	s	DIODE 1SS300-TE85L
D114	8-719-024-81	s	DIODE 1SS300-TE85L
D115	8-719-024-81	s	DIODE 1SS300-TE85L
D116	8-719-024-81	s	DIODE 1SS300-TE85L
D117	8-719-024-81	s	DIODE 1SS300-TE85L
D118	8-719-024-81	s	DIODE 1SS300-TE85L
D119	8-719-024-81	s	DIODE 1SS300-TE85L
D120	8-719-024-81	s	DIODE 1SS300-TE85L
D121	8-719-024-81	s	DIODE 1SS300-TE85L
D122	8-719-024-81	s	DIODE 1SS300-TE85L
D123	8-719-024-81	s	DIODE 1SS300-TE85L
D124	8-719-024-81	s	DIODE 1SS300-TE85L
D126	8-719-024-81	s	DIODE 1SS300-TE85L
D127	8-719-024-81	s	DIODE 1SS300-TE85L
E1	1-535-757-21	s	CHIP, CHECKER
E2	1-535-757-21	s	CHIP, CHECKER
E3	1-535-757-21	s	CHIP, CHECKER
E4	1-535-757-21	s	CHIP, CHECKER
EN1	1-475-218-11	s	ENCODER, ROTARY
EN2	1-475-218-11	s	ENCODER, ROTARY
EN3	1-475-218-11	s	ENCODER, ROTARY
EN4	1-475-218-11	s	ENCODER, ROTARY
IC1	6-700-655-01	s	IC LT1963ES8#TR
IC2	6-700-655-01	s	IC LT1963ES8#TR
IC3	6-700-655-01	s	IC LT1963ES8#TR
IC4	8-759-388-15	o	IC HD6435328RE48F
IC5	8-759-524-23	s	IC TC74VHC238FT(EL)
IC6	8-759-471-91	s	IC 74VHC04MTCX
IC7	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC8	8-759-523-02	s	IC TC74HC4053AFT(EL)
IC9	8-759-386-27	s	IC 74LCX04MTCX
IC11	8-759-471-91	s	IC 74VHC04MTCX
IC12	8-759-669-72	s	IC TL064CPWR
IC13	8-759-669-72	s	IC TL064CPWR
IC14	8-759-346-27	s	IC LM45BIM3X
IC101	8-759-524-23	s	IC TC74VHC238FT(EL)
IC102	6-707-880-01	s	IC TC74VHC573FT(EKJ)
IC103	6-707-880-01	s	IC TC74VHC573FT(EKJ)
IC104	6-707-880-01	s	IC TC74VHC573FT(EKJ)
IC105	6-707-880-01	s	IC TC74VHC573FT(EKJ)
IC106	6-707-880-01	s	IC TC74VHC573FT(EKJ)
IC107	6-707-880-01	s	IC TC74VHC573FT(EKJ)
IC108	6-707-880-01	s	IC TC74VHC573FT(EKJ)
IC109	8-759-524-23	s	IC TC74VHC238FT(EL)
IC201	8-759-491-48	s	IC TC74VHCT138AFT(EL)
IC202	8-759-524-23	s	IC TC74VHC238FT(EL)
IC203	8-759-524-23	s	IC TC74VHC238FT(EL)
IC204	6-707-880-01	s	IC TC74VHC573FT(EKJ)
IC205	6-707-880-01	s	IC TC74VHC573FT(EKJ)
IC206	6-707-880-01	s	IC TC74VHC573FT(EKJ)
L1	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L2	1-416-344-21	s	COIL, CHOKE 10UH
L3	1-416-344-21	s	COIL, CHOKE 10UH
L4	1-416-344-21	s	COIL, CHOKE 10UH
L5	1-416-344-21	s	COIL, CHOKE 10UH
L6	1-414-400-41	s	INDUCTOR (SMD) 22.0UH
L7	1-414-398-41	s	INDUCTOR (SMD) 10.0UH

(SW-1308 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q1	8-729-140-67	s	TRANSISTOR 2SC4177-T1L5L6
Q2	8-729-140-64	s	TRANSISTOR 2SA1611T1-M5M6
Q101	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q102	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q103	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q104	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q105	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q106	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q107	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q108	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q109	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q110	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q111	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q112	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q113	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q114	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q115	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q116	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q117	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q118	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q119	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q120	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q121	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q122	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q123	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q124	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q125	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q126	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q127	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q128	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q129	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q130	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q131	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q133	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q134	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q135	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q136	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q137	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q138	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q139	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q141	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q142	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q143	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q144	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q145	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q146	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q147	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q148	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q149	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q150	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q151	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q152	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q201	8-729-102-84	s	TRANSISTOR 2SB624-T1BV5
Q202	8-729-102-84	s	TRANSISTOR 2SB624-T1BV5
Q203	8-729-102-84	s	TRANSISTOR 2SB624-T1BV5
Q204	8-729-102-84	s	TRANSISTOR 2SB624-T1BV5
Q205	8-729-102-84	s	TRANSISTOR 2SB624-T1BV5
Q206	8-729-102-84	s	TRANSISTOR 2SB624-T1BV5
Q207	8-729-102-84	s	TRANSISTOR 2SB624-T1BV5

(SW-1308 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q208	8-729-102-84	s	TRANSISTOR 2SB624-T1BV5
Q209	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q210	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q211	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q212	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q213	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q214	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q215	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q216	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q217	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q218	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q219	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q220	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q221	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q222	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q223	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q224	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q225	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q226	8-729-028-80	s	TRANSISTOR DTA123EUA-T106
Q227	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q228	8-729-028-80	s	TRANSISTOR DTA123EUA-T106
Q229	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q230	8-729-028-80	s	TRANSISTOR DTA123EUA-T106
Q231	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q232	8-729-028-80	s	TRANSISTOR DTA123EUA-T106
Q233	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q234	8-729-028-80	s	TRANSISTOR DTA123EUA-T106
Q235	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q236	8-729-028-80	s	TRANSISTOR DTA123EUA-T106
Q237	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q238	8-729-028-80	s	TRANSISTOR DTA123EUA-T106
Q239	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q240	8-729-028-80	s	TRANSISTOR DTA123EUA-T106
Q241	8-729-102-94	s	TRANSISTOR 2SD596-T1DV5
Q242	8-729-102-94	s	TRANSISTOR 2SD596-T1DV5
Q243	8-729-102-94	s	TRANSISTOR 2SD596-T1DV5
Q244	8-729-102-94	s	TRANSISTOR 2SD596-T1DV5
Q245	8-729-102-94	s	TRANSISTOR 2SD596-T1DV5
Q246	8-729-102-94	s	TRANSISTOR 2SD596-T1DV5
Q247	8-729-102-94	s	TRANSISTOR 2SD596-T1DV5
Q248	8-729-102-94	s	TRANSISTOR 2SD596-T1DV5
Q249	8-729-102-94	s	TRANSISTOR 2SD596-T1DV5
Q250	8-729-102-94	s	TRANSISTOR 2SD596-T1DV5
Q251	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q252	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q253	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q254	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q255	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q256	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q257	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q258	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q259	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q260	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q261	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q262	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q263	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q264	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q265	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q266	8-729-029-03	s	TRANSISTOR DTC123EUA-T106

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Ref. No. or Q'ty	Part No.	SP	Description
Q267	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q268	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q269	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q270	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q271	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q272	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q273	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q274	8-729-029-03	s	TRANSISTOR DTC123EUA-T106
Q275	8-729-102-94	s	TRANSISTOR 2SD596-T1DV5
R1	1-218-823-91	s	RES, CHIP 100 (1608)
R3	1-218-919-91	s	RES, CHIP 1M (1608)
R4	1-218-855-91	s	RES, CHIP 2.2K (1608)
R5	1-218-863-91	s	RES, CHIP 4.7K (1608)
R6	1-218-823-91	s	RES, CHIP 100 (1608)
R7	1-218-855-91	s	RES, CHIP 2.2K (1608)
R8	1-218-855-91	s	RES, CHIP 2.2K (1608)
R9	1-218-851-91	s	RES, CHIP 1.5K (1608)
R10	1-218-823-91	s	RES, CHIP 100 (1608)
R11	1-218-855-91	s	RES, CHIP 2.2K (1608)
R12	1-218-831-91	s	RES, CHIP 220 (1608)
R13	1-218-831-91	s	RES, CHIP 220 (1608)
R14	1-218-831-91	s	RES, CHIP 220 (1608)
R15	1-218-831-91	s	RES, CHIP 220 (1608)
R16	1-218-855-91	s	RES, CHIP 2.2K (1608)
R17	1-218-863-91	s	RES, CHIP 4.7K (1608)
R18	1-218-823-91	s	RES, CHIP 100 (1608)
R19	1-218-855-91	s	RES, CHIP 2.2K (1608)
R20	1-218-831-91	s	RES, CHIP 220 (1608)
R21	1-218-823-91	s	RES, CHIP 100 (1608)
R23	1-218-831-91	s	RES, CHIP 220 (1608)
R24	1-218-871-91	s	RES, CHIP 10K (1608)
R25	1-218-871-91	s	RES, CHIP 10K (1608)
R26	1-218-871-91	s	RES, CHIP 10K (1608)
R27	1-218-871-91	s	RES, CHIP 10K (1608)
R28	1-218-871-91	s	RES, CHIP 10K (1608)
R29	1-218-871-91	s	RES, CHIP 10K (1608)
R30	1-218-871-91	s	RES, CHIP 10K (1608)
R31	1-218-871-91	s	RES, CHIP 10K (1608)
R32	1-218-871-91	s	RES, CHIP 10K (1608)
R33	1-218-871-91	s	RES, CHIP 10K (1608)
R36	1-218-823-91	s	RES, CHIP 100 (1608)
R37	1-218-895-91	s	RES, CHIP 100K (1608)
R39	1-218-883-91	s	RES, CHIP 33K (1608)
R40	1-218-823-91	s	RES, CHIP 100 (1608)
R101	1-218-827-91	s	RES, CHIP 150 (1608)
R102	1-218-827-91	s	RES, CHIP 150 (1608)
R103	1-218-827-91	s	RES, CHIP 150 (1608)
R104	1-218-847-91	s	RES, CHIP 1.0K (1608)
R105	1-218-827-91	s	RES, CHIP 150 (1608)
R106	1-218-831-91	s	RES, CHIP 220 (1608)
R107	1-218-831-91	s	RES, CHIP 220 (1608)
R108	1-218-831-91	s	RES, CHIP 220 (1608)
R109	1-218-847-91	s	RES, CHIP 1.0K (1608)
R110	1-218-831-91	s	RES, CHIP 220 (1608)
R111	1-218-831-91	s	RES, CHIP 220 (1608)
R112	1-218-831-91	s	RES, CHIP 220 (1608)
R113	1-218-831-91	s	RES, CHIP 220 (1608)
R114	1-218-839-91	s	RES, CHIP 470 (1608)
R115	1-218-839-91	s	RES, CHIP 470 (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R220	1-211-989-91	s RES,	CHIP 68 (1608)
R221	1-211-989-91	s RES,	CHIP 68 (1608)
R222	1-211-989-91	s RES,	CHIP 68 (1608)
R223	1-211-989-91	s RES,	CHIP 68 (1608)
R224	1-211-989-91	s RES,	CHIP 68 (1608)
R225	1-211-989-91	s RES,	CHIP 68 (1608)
R226	1-211-989-91	s RES,	CHIP 68 (1608)
R227	1-211-989-91	s RES,	CHIP 68 (1608)
R228	1-211-989-91	s RES,	CHIP 68 (1608)
R229	1-211-989-91	s RES,	CHIP 68 (1608)
R230	1-211-989-91	s RES,	CHIP 68 (1608)
R231	1-211-989-91	s RES,	CHIP 68 (1608)
R232	1-211-989-91	s RES,	CHIP 68 (1608)
R233	1-218-827-91	s RES,	CHIP 150 (1608)
R234	1-218-831-91	s RES,	CHIP 220 (1608)
R235	1-218-831-91	s RES,	CHIP 220 (1608)
R236	1-218-847-91	s RES,	CHIP 1.0K (1608)
R237	1-218-847-91	s RES,	CHIP 1.0K (1608)
R238	1-218-831-91	s RES,	CHIP 220 (1608)
R239	1-218-831-91	s RES,	CHIP 220 (1608)
R240	1-218-831-91	s RES,	CHIP 220 (1608)
R241	1-218-831-91	s RES,	CHIP 220 (1608)
R242	1-218-831-91	s RES,	CHIP 220 (1608)
R243	1-218-831-91	s RES,	CHIP 220 (1608)
R244	1-218-847-91	s RES,	CHIP 1.0K (1608)
R245	1-218-847-91	s RES,	CHIP 1.0K (1608)
R246	1-218-831-91	s RES,	CHIP 220 (1608)
R247	1-218-831-91	s RES,	CHIP 220 (1608)
R248	1-218-831-91	s RES,	CHIP 220 (1608)
R249	1-218-831-91	s RES,	CHIP 220 (1608)
R250	1-218-831-91	s RES,	CHIP 220 (1608)
R251	1-218-831-91	s RES,	CHIP 220 (1608)
R252	1-218-847-91	s RES,	CHIP 1.0K (1608)
R253	1-218-847-91	s RES,	CHIP 1.0K (1608)
R254	1-218-831-91	s RES,	CHIP 220 (1608)
R255	1-218-831-91	s RES,	CHIP 220 (1608)
R256	1-218-831-91	s RES,	CHIP 220 (1608)
R257	1-218-831-91	s RES,	CHIP 220 (1608)
R258	1-218-831-91	s RES,	CHIP 220 (1608)
R259	1-218-831-91	s RES,	CHIP 220 (1608)
R260	1-218-831-91	s RES,	CHIP 220 (1608)
R261	1-218-831-91	s RES,	CHIP 220 (1608)
R262	1-218-831-91	s RES,	CHIP 220 (1608)
RB1	1-234-381-21	s RES,	NETWORK 100K (1005X4)
RB2	1-234-381-21	s RES,	NETWORK 100K (1005X4)
RB3	1-234-381-21	s RES,	NETWORK 100K (1005X4)
RB4	1-234-381-21	s RES,	NETWORK 100K (1005X4)
RB5	1-234-381-21	s RES,	NETWORK 100K (1005X4)
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	1-234-381-21	s RES,	NETWORK 100K (1005X4)
RB13	1-234-381-21	s RES,	NETWORK 100K (1005X4)
RB14	1-234-381-21	s RES,	NETWORK 100K (1005X4)
RB15	1-234-372-21	s RES,	NETWORK 100 (1005X4)

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Ref. No. or Q'ty	Part No.	SP Description
RB16	1-234-372-21	s RES, NETWORK 100 (1005X4)
RB17	1-234-378-21	s RES, NETWORK 10K (1005X4)
RB18	1-234-378-21	s RES, NETWORK 10K (1005X4)
RB201	1-234-373-21	s RES, NETWORK 220 (1005X4)
RB202	1-234-373-21	s RES, NETWORK 220 (1005X4)
RB203	1-234-373-21	s RES, NETWORK 220 (1005X4)
RB204	1-234-373-21	s RES, NETWORK 220 (1005X4)
RB205	1-234-373-21	s RES, NETWORK 220 (1005X4)
RV1	1-227-562-11	s RES, VAR, CARBON 10K
RV2	1-238-255-21	s RES, VAR, CARBON 10K
RV3	1-227-562-11	s RES, VAR, CARBON 10K
RV4	1-238-255-21	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	1-227-562-11	s RES, VAR, CARBON 10K
RV8	1-227-562-11	s RES, VAR, CARBON 10K
RV9	1-227-562-11	s RES, VAR, CARBON 10K
RV10	1-227-562-11	s RES, VAR, CARBON 10K
S101	1-762-139-11	s SWITCH, TACTILE (ILLUMINATED)
S102	1-762-139-11	s SWITCH, TACTILE (ILLUMINATED)
S103	1-762-139-11	s SWITCH, TACTILE (ILLUMINATED)
S104	1-762-138-11	s SWITCH, TACTILE (ILLUMINATED)
S105	1-762-042-11	s SWITCH, TACTILE (ILLUMINATED)
S106	1-762-042-11	s SWITCH, TACTILE (ILLUMINATED)
S107	1-762-042-11	s SWITCH, TACTILE (ILLUMINATED)
S108	1-762-138-11	s SWITCH, TACTILE (ILLUMINATED)
S109	1-762-042-11	s SWITCH, TACTILE (ILLUMINATED)
S110	1-762-042-11	s SWITCH, TACTILE (ILLUMINATED)
S111	1-762-042-11	s SWITCH, TACTILE (ILLUMINATED)
S112	1-762-137-11	s SWITCH, TACTILE (ILLUMINATED)
S113	1-762-137-11	s SWITCH, TACTILE (ILLUMINATED)
S114	1-762-137-11	s SWITCH, TACTILE (ILLUMINATED)
S115	1-762-139-11	s SWITCH, TACTILE (ILLUMINATED)
S116	1-762-042-11	s SWITCH, TACTILE (ILLUMINATED)
S117	1-762-042-11	s SWITCH, TACTILE (ILLUMINATED)
S118	1-762-042-11	s SWITCH, TACTILE (ILLUMINATED)
S119	1-762-042-11	s SWITCH, TACTILE (ILLUMINATED)
S120	1-762-042-11	s SWITCH, TACTILE (ILLUMINATED)
S121	1-762-042-11	s SWITCH, TACTILE (ILLUMINATED)
S122	1-762-137-11	s SWITCH, TACTILE (ILLUMINATED)
S123	1-762-042-11	s SWITCH, TACTILE (ILLUMINATED)
S124	1-762-136-51	s SWITCH, TACTILE (ILLUMINATED)
S125	1-762-135-11	s SWITCH, TACTILE (ILLUMINATED)
S126	1-762-135-21	s SWITCH, TACTILE (ILLUMINATED)
S127	1-762-135-31	s SWITCH, TACTILE (ILLUMINATED)
S128	1-762-135-41	s SWITCH, TACTILE (ILLUMINATED)
S129	1-762-135-51	s SWITCH, TACTILE (ILLUMINATED)
S130	1-762-137-11	s SWITCH, TACTILE (ILLUMINATED)
S131	1-762-136-51	s SWITCH, TACTILE (ILLUMINATED)
S132	1-762-136-51	s SWITCH, TACTILE (ILLUMINATED)
S133	1-762-136-51	s SWITCH, TACTILE (ILLUMINATED)
S134	1-762-136-51	s SWITCH, TACTILE (ILLUMINATED)
S135	1-762-136-51	s SWITCH, TACTILE (ILLUMINATED)
S136	1-762-136-51	s SWITCH, TACTILE (ILLUMINATED)
S137	1-762-136-51	s SWITCH, TACTILE (ILLUMINATED)
S138	1-762-042-11	s SWITCH, TACTILE (ILLUMINATED)
S139	1-762-042-11	s SWITCH, TACTILE (ILLUMINATED)
S140	1-762-136-11	s SWITCH, TACTILE (ILLUMINATED)

(SW-1308 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
S141	1-762-042-11	s SWITCH, TACTILE (ILLUMINATED)
S142	1-762-042-11	s SWITCH, TACTILE (ILLUMINATED)
S143	1-762-042-11	s SWITCH, TACTILE (ILLUMINATED)
S144	1-762-042-11	s SWITCH, TACTILE (ILLUMINATED)
S145	1-762-138-11	s SWITCH, TACTILE (ILLUMINATED)
S146	1-762-042-11	s SWITCH, TACTILE (ILLUMINATED)
S147	1-762-042-11	s SWITCH, TACTILE (ILLUMINATED)
S148	1-762-132-21	s SWITCH, TACTILE (ILLUMINATED)
S149	1-762-133-11	s SWITCH, TACTILE (ILLUMINATED)
S150	1-762-042-11	s SWITCH, TACTILE (ILLUMINATED)
X1	1-813-287-11	s VIBRATOR, CRYSTAL (18 MHZ)

2-4. Supplied Accessories

Ref. No. or Q'ty	Part No.	SP Description
1pc	△ 3-096-914-01	s MANUAL, OPERATION

2-5. Optional Fixtures

Part No.	SP Description
J-7120-140-A	o PLD DATA DOWNLOAD CABLE

Section 3

Semiconductor Pin Assignments

The following describes the semiconductor types used in this unit.

For semiconductors marked with page numbers in the index, refer to the corresponding pages in this section.

However, in some cases incompatible types are also listed, therefore, when a part is to be replaced, also refer to the Spare Parts section.

In addition, for semiconductors with ID Nos., refer to the separate CD-ROM titled “Semiconductor Pin Assignments” (Sony Part No. 9-968-546-xx) that allows searching for parts by semiconductor type or ID No.

The semiconductors in the manual or on the CD-ROM are listed by equivalent types. Thus the external view or the index mark indication may differ from the actual type.

Pin assignments and block diagrams are based on the IC manufacturer’s data book.

本機に使用されている半導体型名の一覧を下記に示します。索引中、ページが記載されている半導体は、本章の該当ページを参照してください。ただし、互換性のない型名を併記している場合がありますので、部品を交換するときは、Spare Partsの章を参照してください。

また、ID番号が記載されている半導体は、別途発行の“Semiconductor Pin Assignments” CD-ROM版 (ソニー部品番号：9-968-546-xx)を参照してください。半導体型名またはID番号から検索ができます。

マニュアルまたはCD-ROMに掲載されている半導体は、それぞれの機能を等価的に表わしたものです。

外観やインデックスマークの表示方法が実物と異なる場合があります。

ピン配置およびブロック図はICメーカーのデータブックに従いました。

DIODE	Page or ID No.
02DZ2.2-TPH3	DC008-04
1SS300-TE85L	DC001-02
1SS302-TE85L	DC001-01
DAP222-TL	DC001-02
F1J6TP	LC001-01
RB060L-40TE25	DC007-01
RB706F-40	DC001-01

LED	Page or ID No.
CL-191Y-CD-T	LC004-01
CL-196HR-CD-T	LC001-01
CL-196YG-CD-T	LC001-01
CL-220PG-C-TU	LC008-01
LB-202ML	LR076-01
LB-203ML	LR081-01
MD0708C-RG	LR083-04

TRANSISTOR	Page or ID No.
2SA1213Y-TE12L	TC002-01
2SA1611T1-M5M6	TC001-01
2SB624-T1BV5	TC001-01

TRANSISTOR	Page or ID No.
DTA123JE-TL	TC001-04
DTC123EUA-T106	TC001-03
DTC123JE-TL	TC001-03
SI4450DY-T1	TC012-06

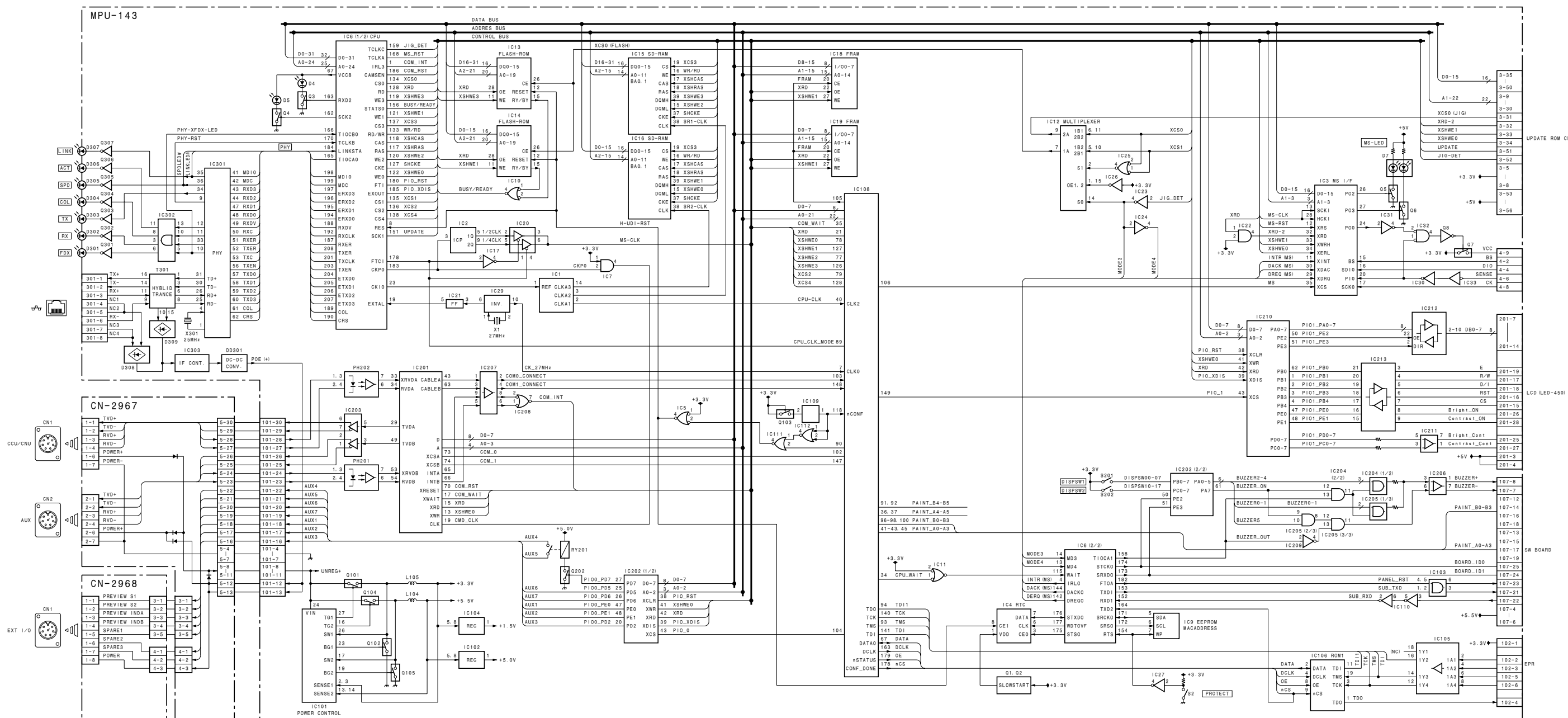
IC	Page or ID No.
74LCX04MTCX	TC74HC04P
74LCX74MTCX	TC74HC74P
74VHC04MTCX	TC74HC04P
74VHC244MTCX	TC74HC244P
74VHCT08AMTCX	TC74HC08P
BCM5221A4KPT	BCM5221A4KPT
CXD1095BR	CXD1095AR
CXD9093R	CXD9093R
EPC2LC20N-TP	EPC2LC20
HCPL-0630-500	MA009-01
HD6435328RE48F	HD6435328RD63F
LM45BIM3X	LM45BIM3X
LM45BIM3X/NOPB	LM45BIM3X
MT48LC8M16A2P-75-Y15WTR	HY57V281620AT-P
NC7SZ04P5X	TC7S04F
NJM2904V(TE2)	RC4558

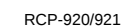
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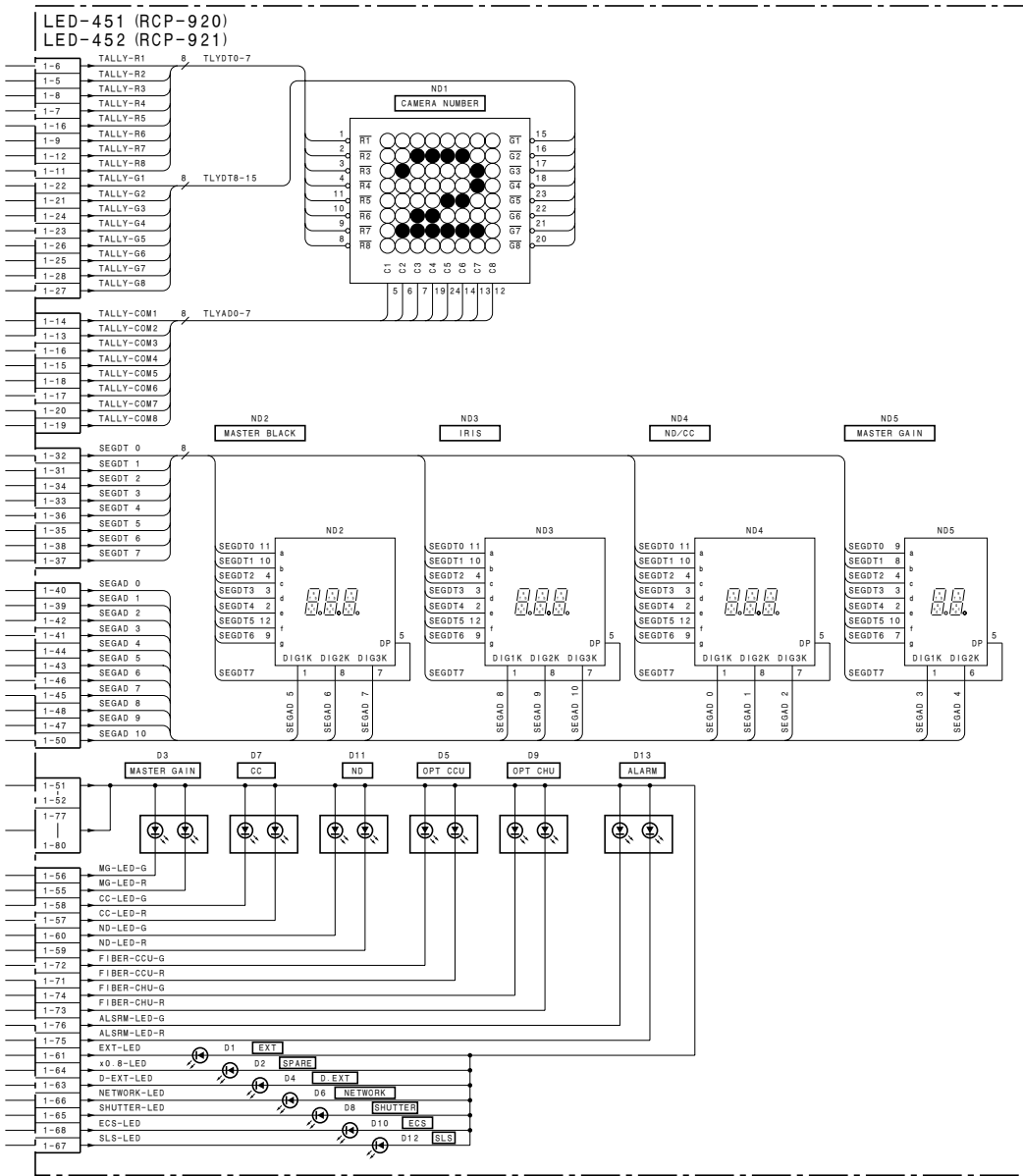
IC	Page or ID No.
SN74CBT3253PWR-12	SN74CBT3253PW-E20
SN74LVC125APWR-12	MC74HC125N
SN74LVCC4245APWR	74LVX4245QSCX
TC4W66FU(TE12R)	TC4W66F
TC74HC4053AFT(EL)	MC74HC4053F
TC74VHC238FT(EL)	TC74HC238P
TC74VHCT138AFT(EL)	TC74HC138P
TC7SZ08FU(TE85R)	TC7S08F
TC7WH08FU(TE12R)	TC7W08F
TC7WZ04FK(TE85R)	TC7W04F
TL064CPWR	XRA10324AF

Section 4

Block Diagrams







Section 5

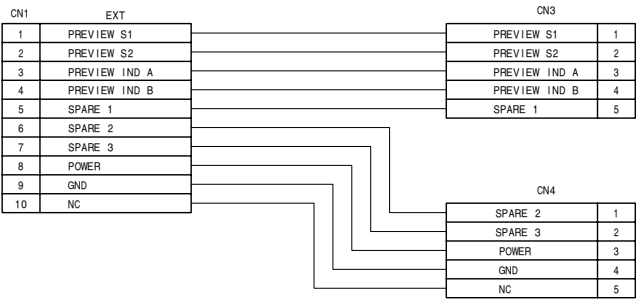
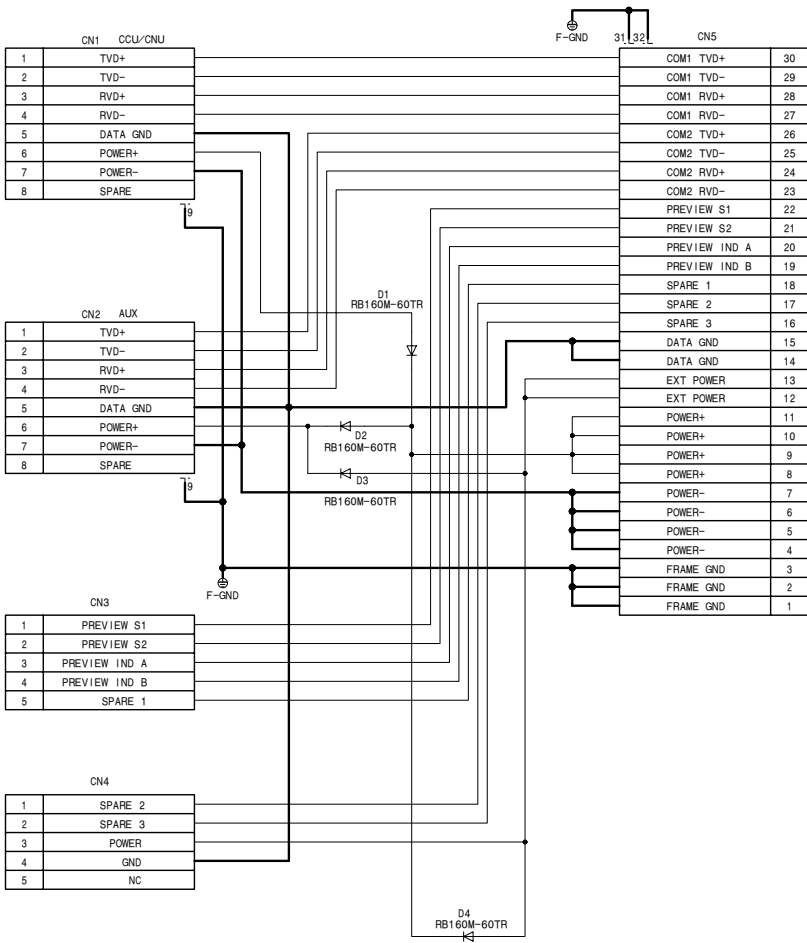
Schematic Diagrams

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LED-452	5-5
M. MPU-143	5-6
S. SW-1307	5-14
SW-1308	5-20
Frame Wiring	5-26

CN-2967, CN-2968
SUFFIX: -11, SUFFIX: -11

CN-2967, CN-2968
SUFFIX: -11, SUFFIX: -11



CN-2968

BOARD NO. 1-872-440-11
CAX-126_CN2968_003_1

CN-2967

BOARD NO. 1-872-439-11
CAX-126_CN2967_003_1

1

2

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4

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A

B

C

5-2

D

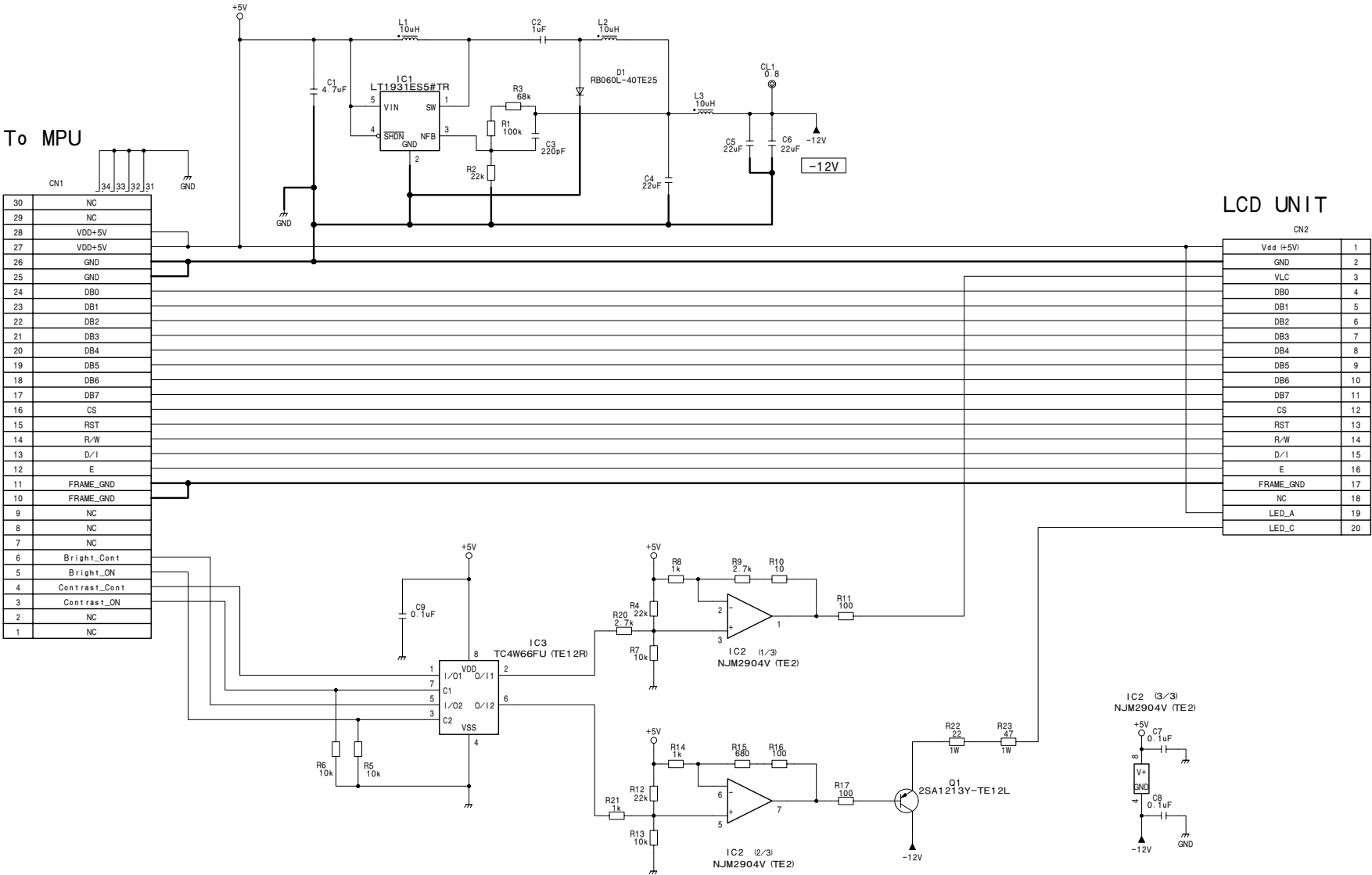
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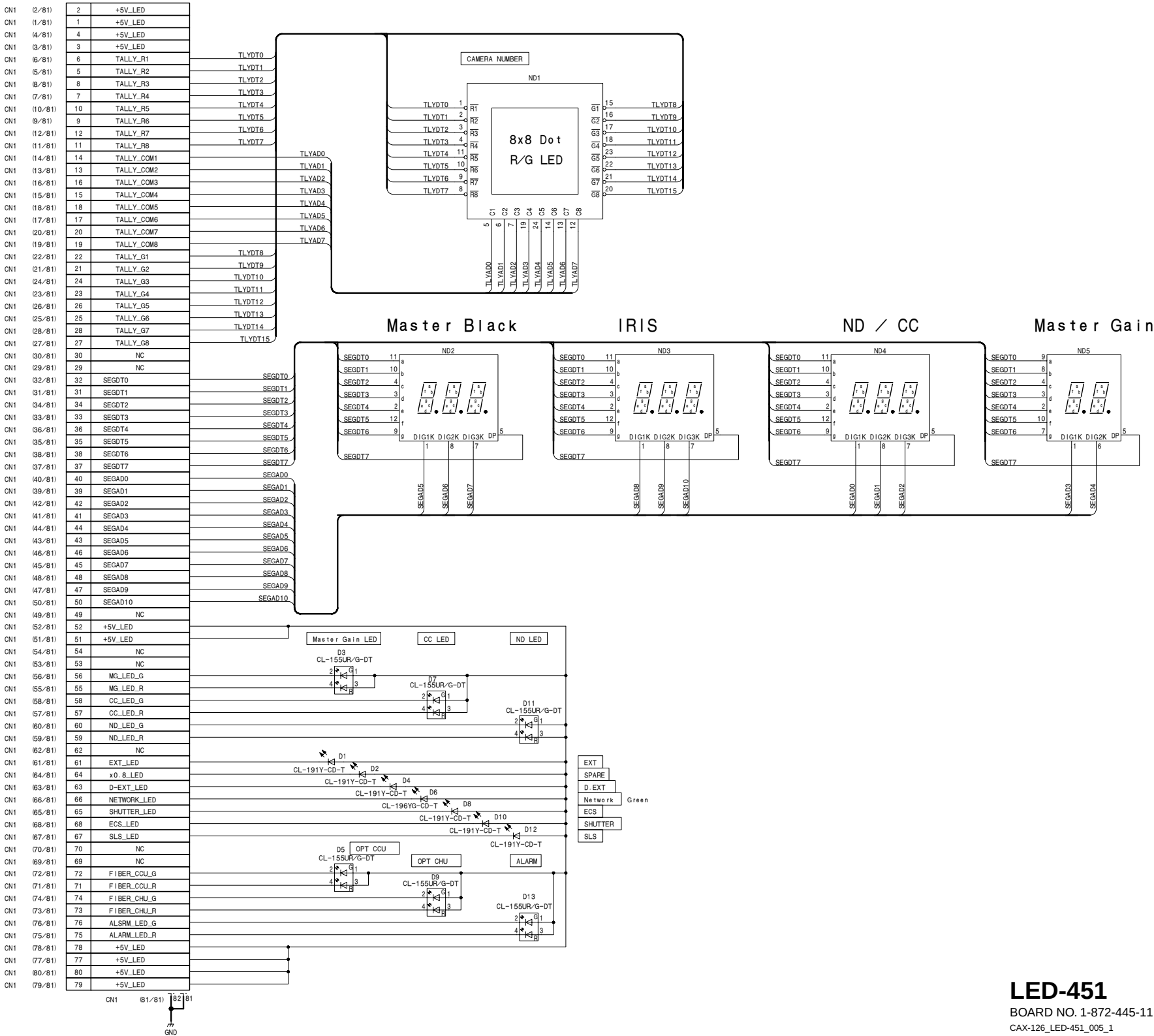
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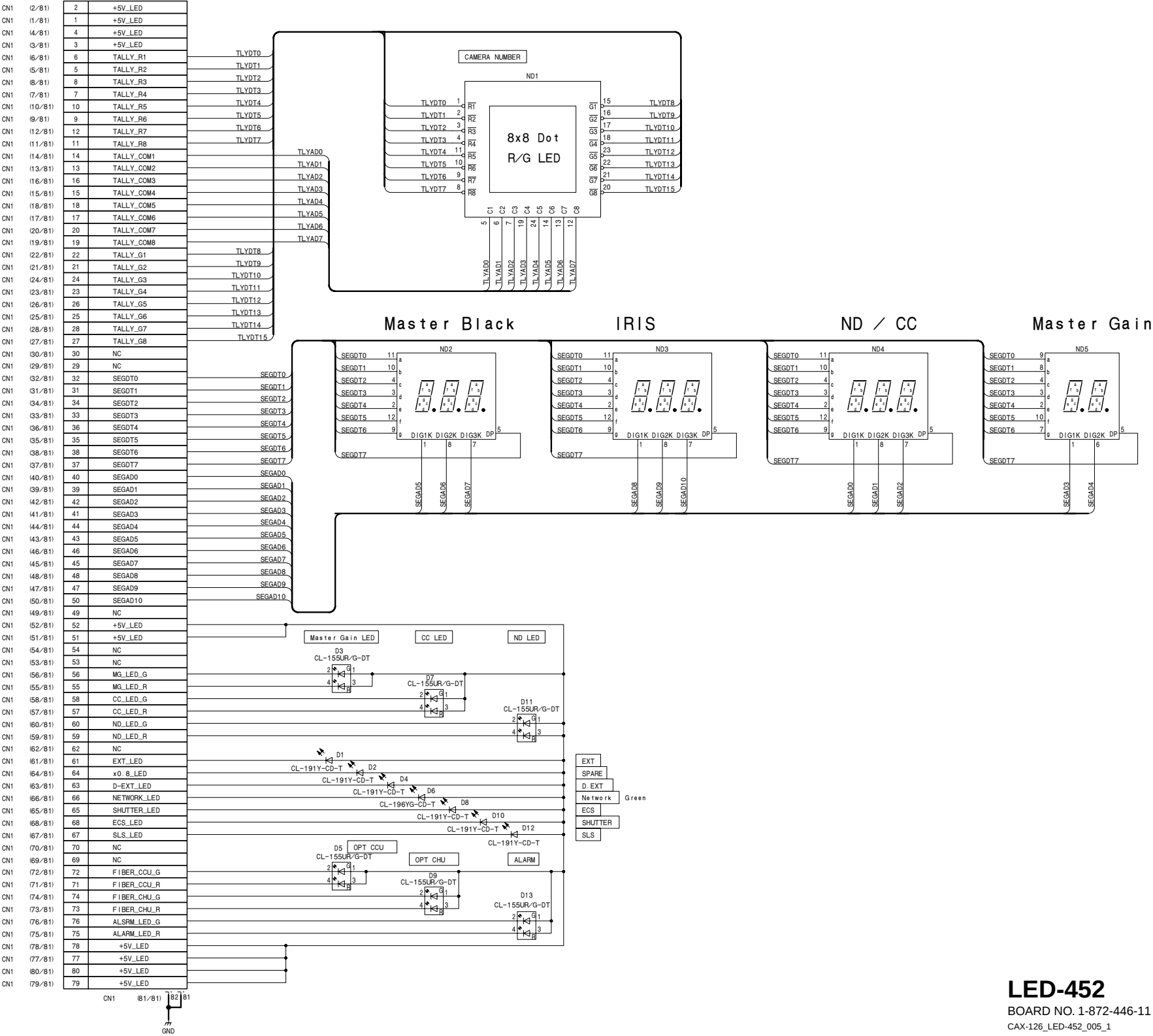
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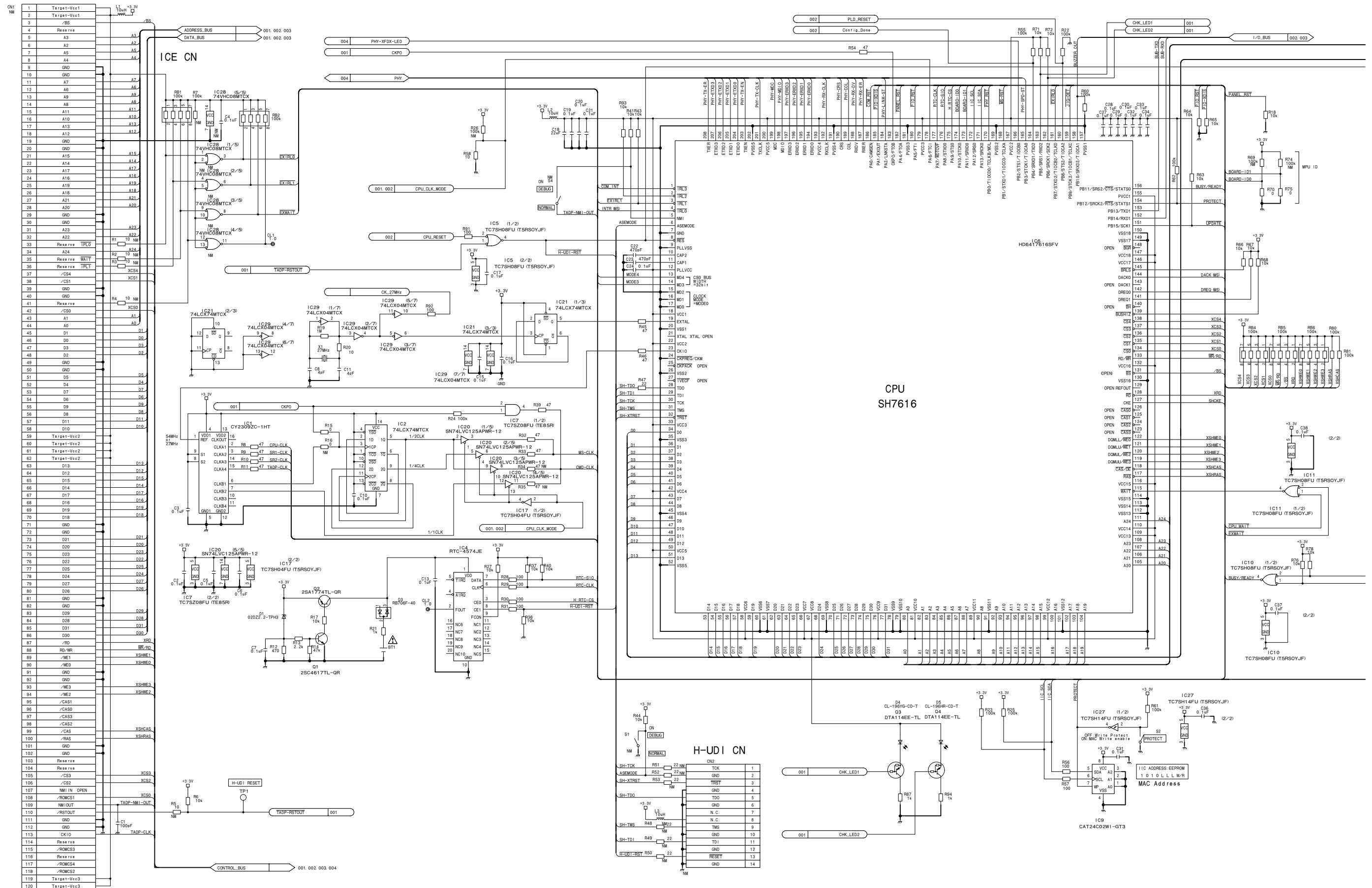
LED-450
BOARD NO. 1-872-444-11
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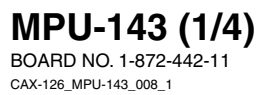


LED-451
BOARD NO. 1-872-445-11
CAX-126_LED-451_005_1



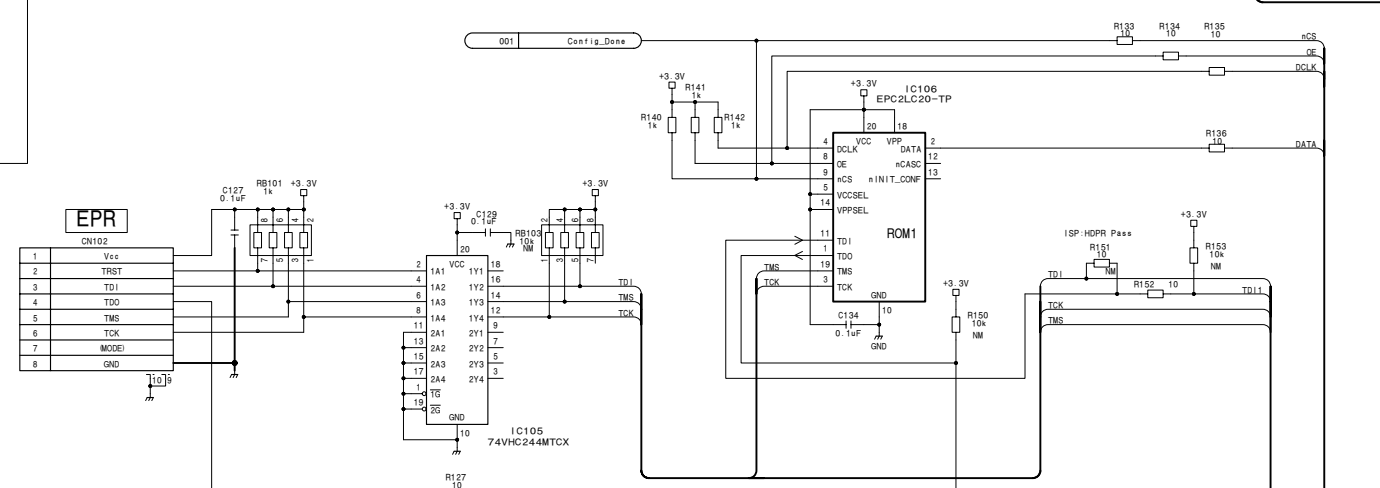
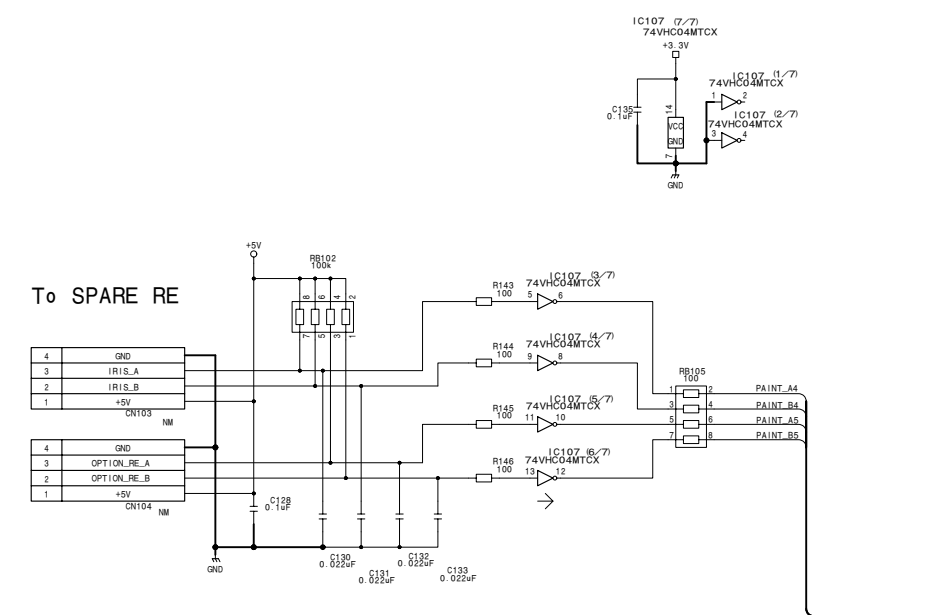
LED-452
BOARD NO. 1-872-446-11
CAX-126_LED-452_005_1

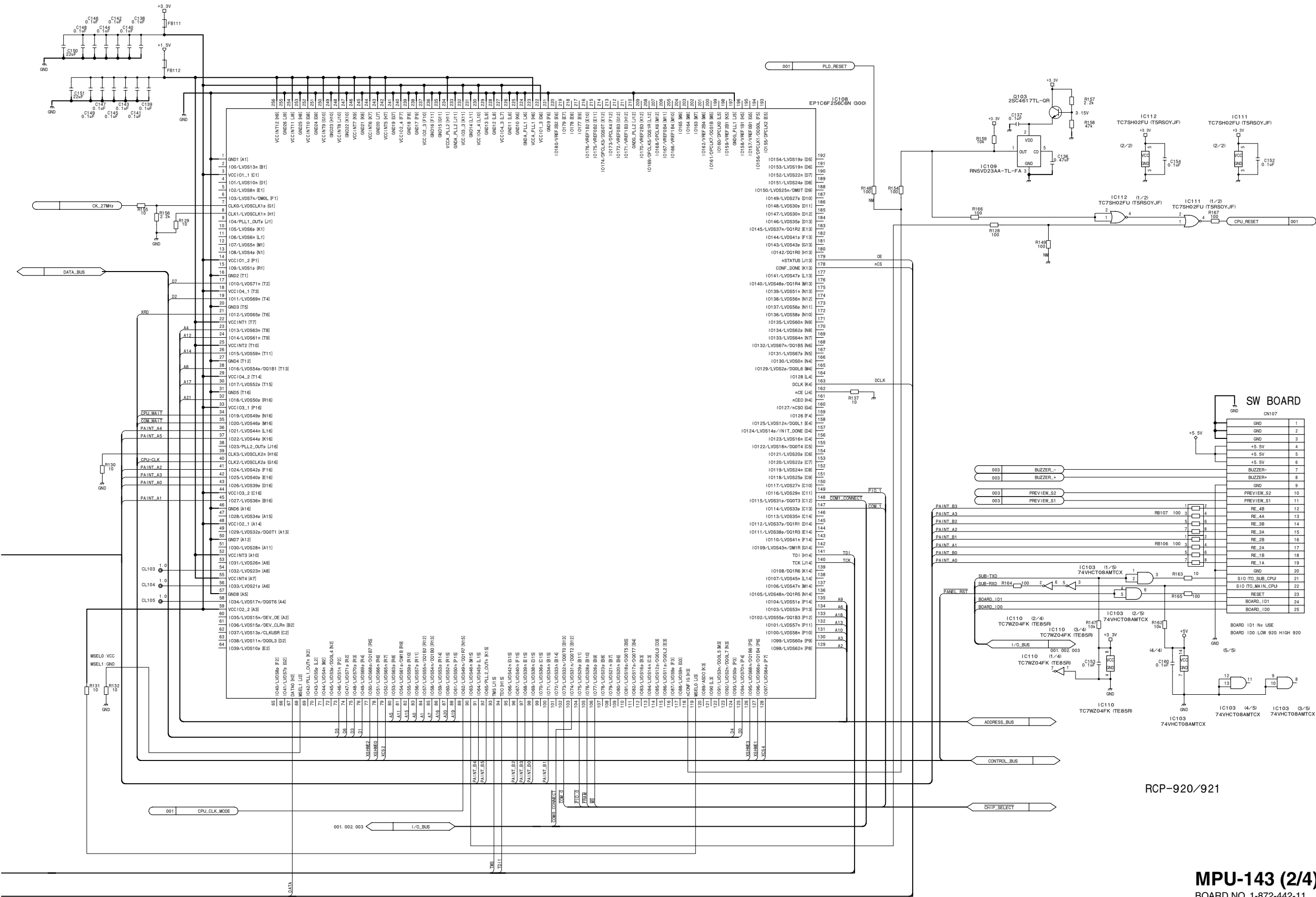




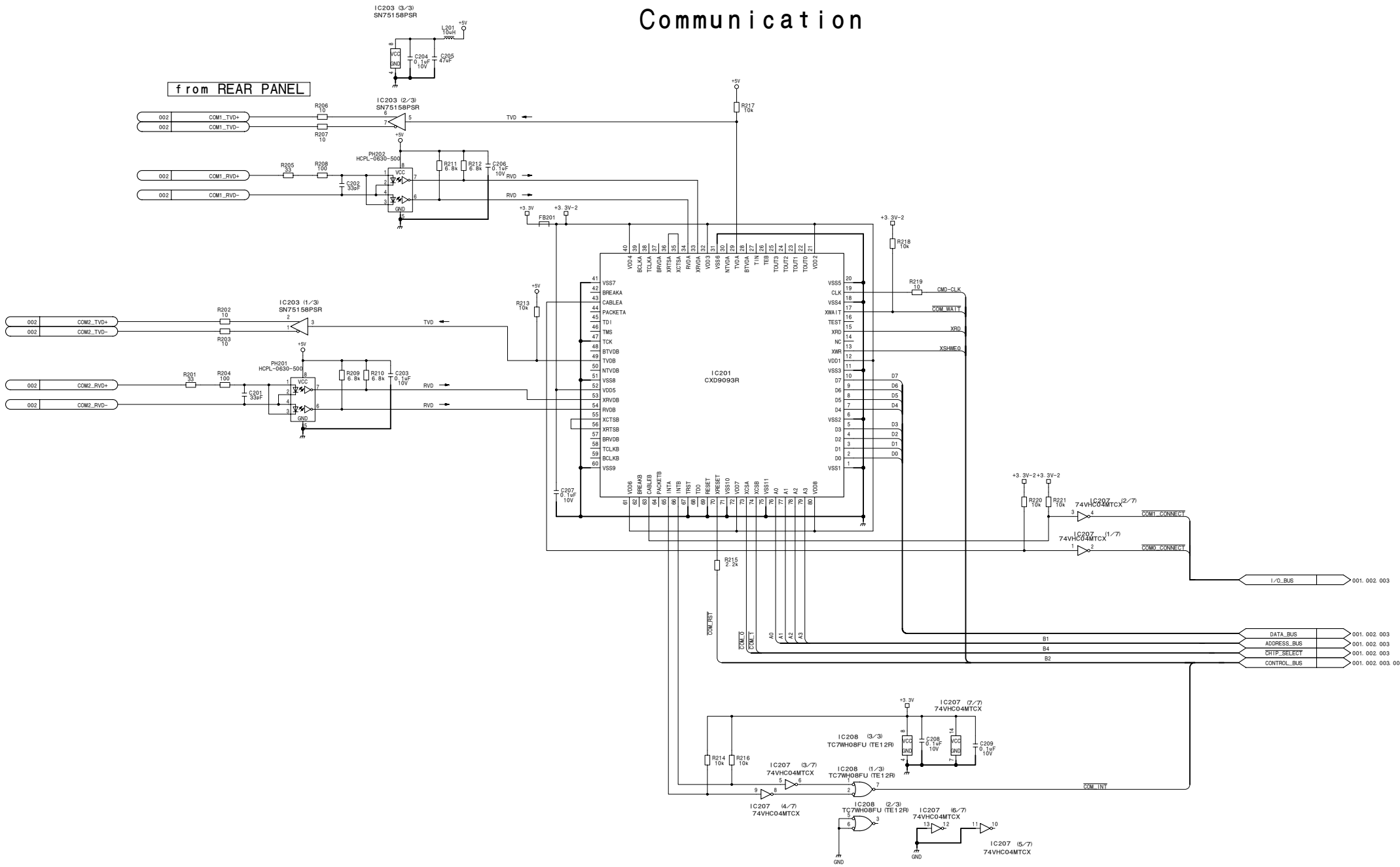
MPU-143 (2/4)
SUFFIX: -11

30	COM1_TVD+	COM1_TVD+	003
29	COM1_TVD-	COM1_TVD-	003
28	COM1_RVD+	COM1_RVD+	003
27	COM1_RVD-	COM1_RVD-	003
26	COM2_TVD+	COM2_TVD+	003
25	COM2_TVD-	COM2_TVD-	003
24	COM2_RVD+	COM2_RVD+	003
23	COM2_RVD-	COM2_RVD-	003
22	PREVIEW S1	ALX4	
21	PREVIEW S2	ALX5	
20	PREVIEW IND A	ALX6	003
19	PREVIEW IND B	ALX7	003
18	SPARE 1	ALX1	003
17	SPARE 2	ALX2	003
16	SPARE 3	ALX3	003

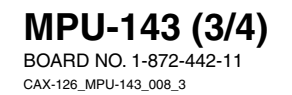


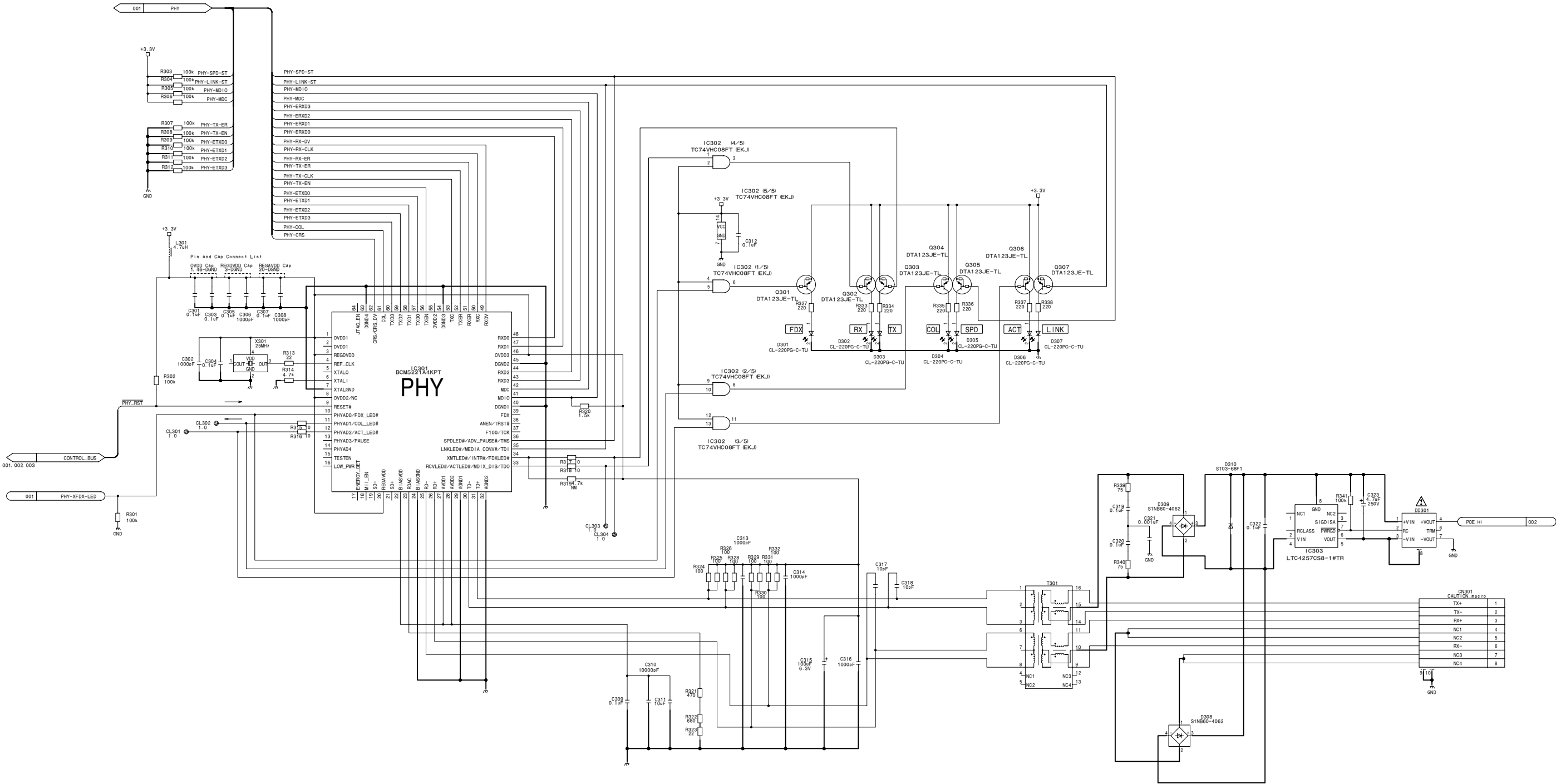


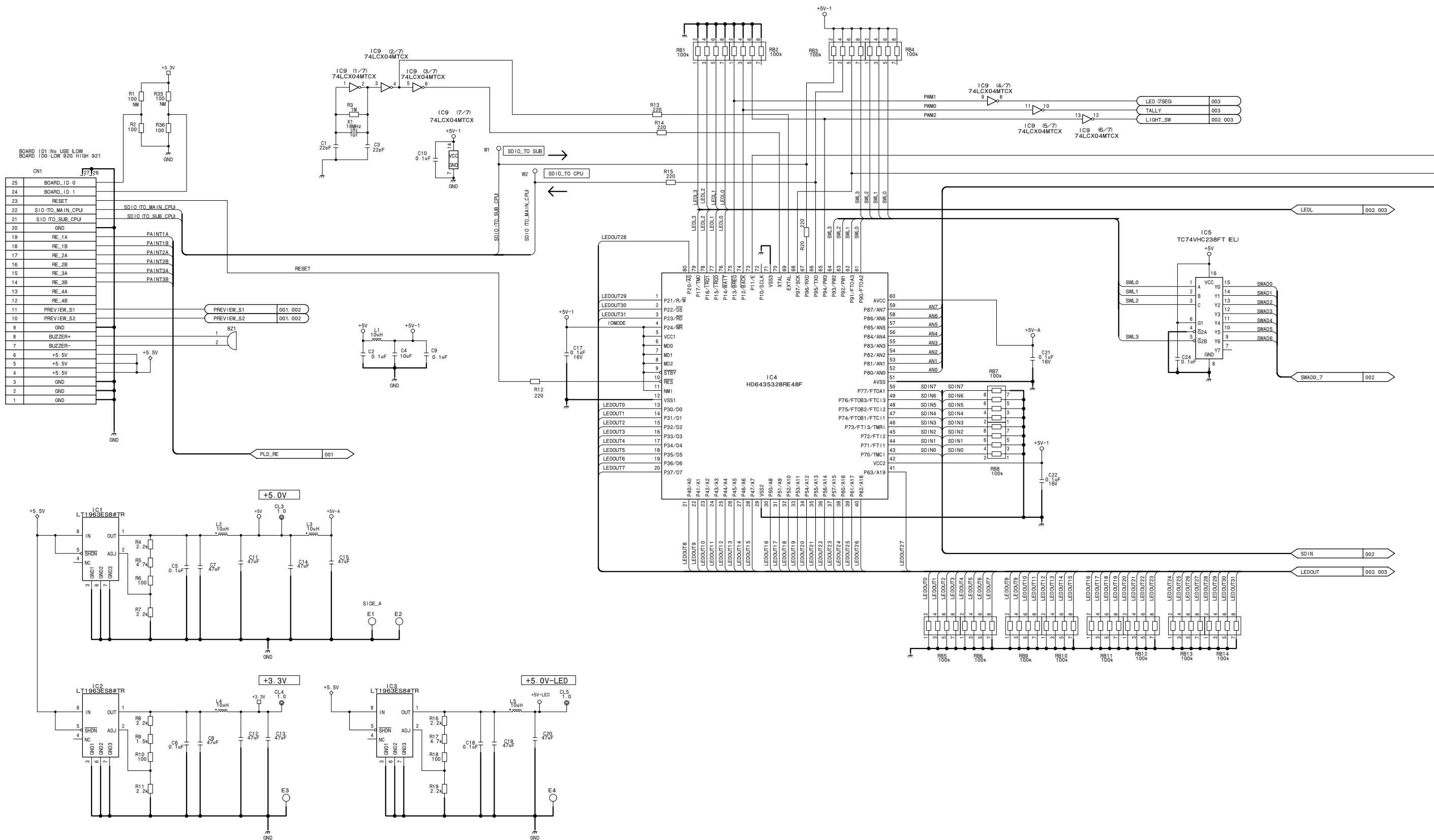
Communication

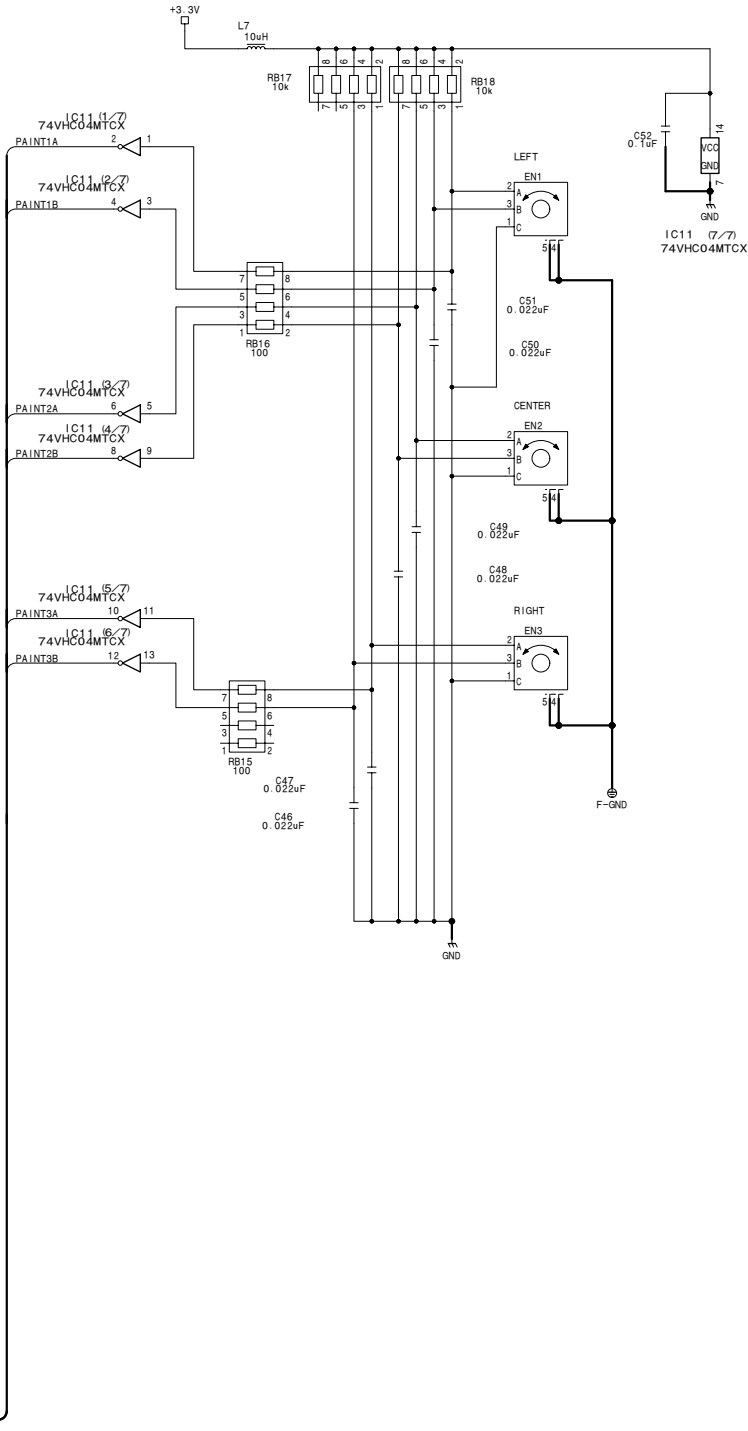
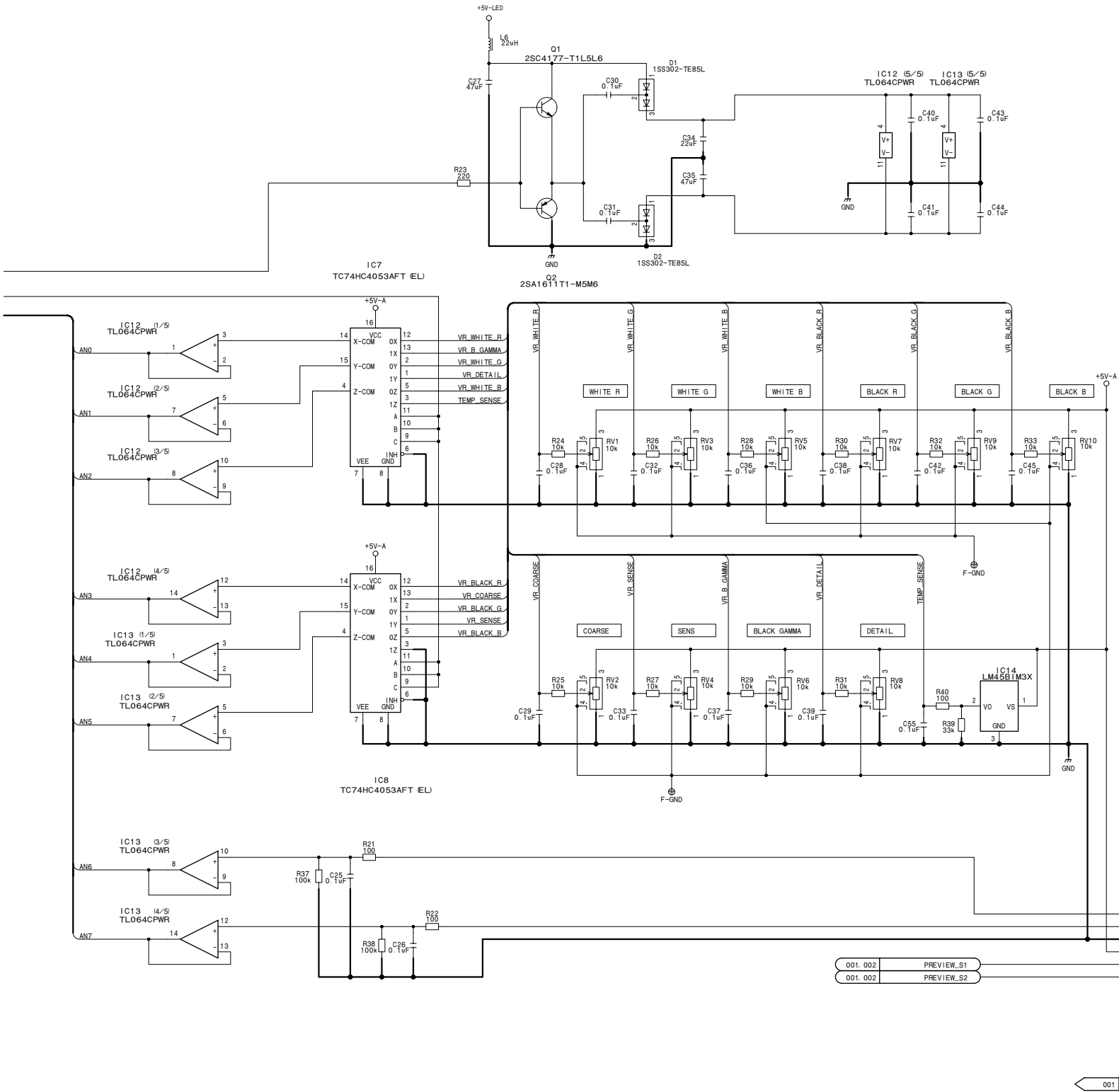


MPU-143 (3/4)
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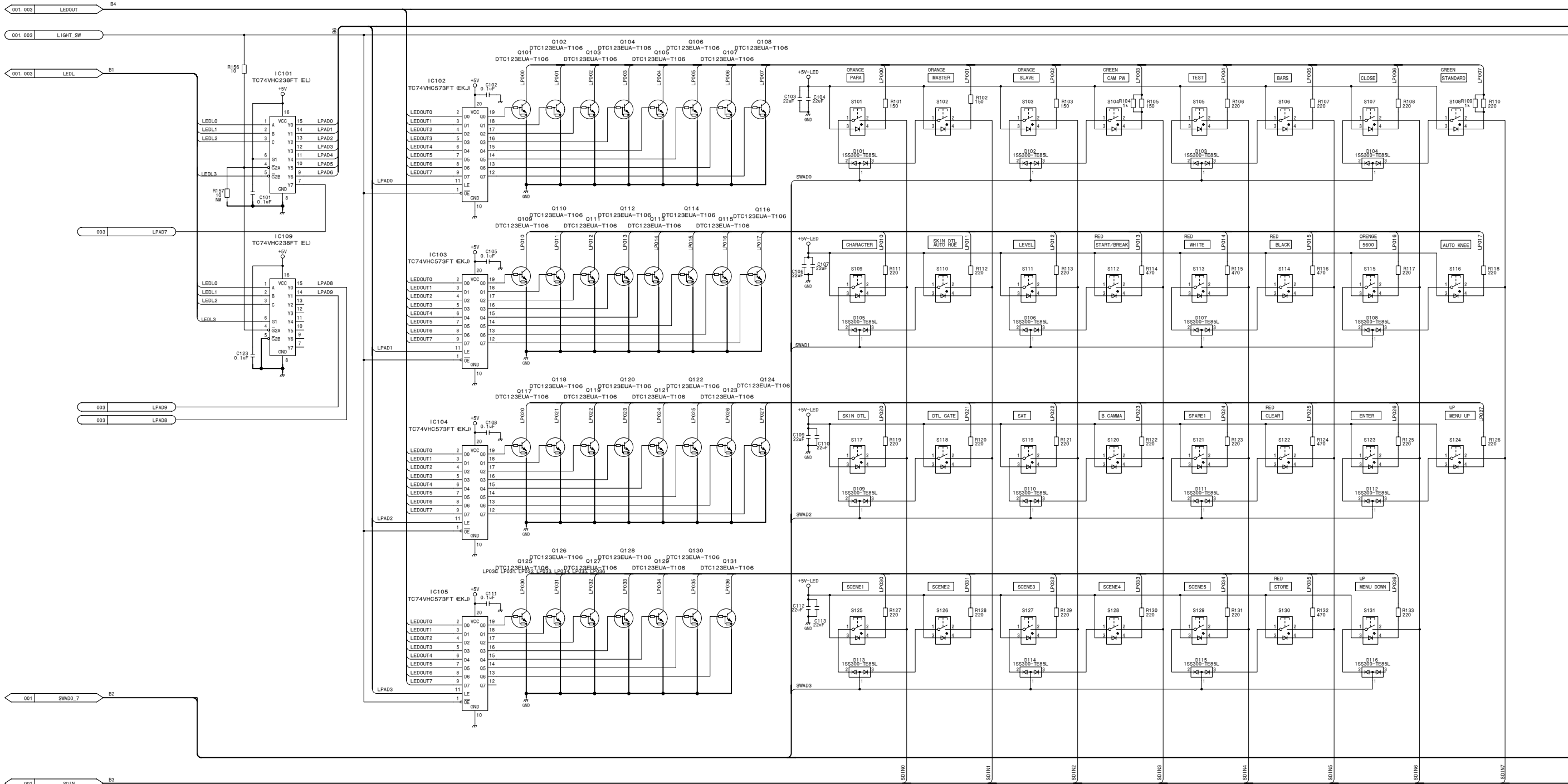
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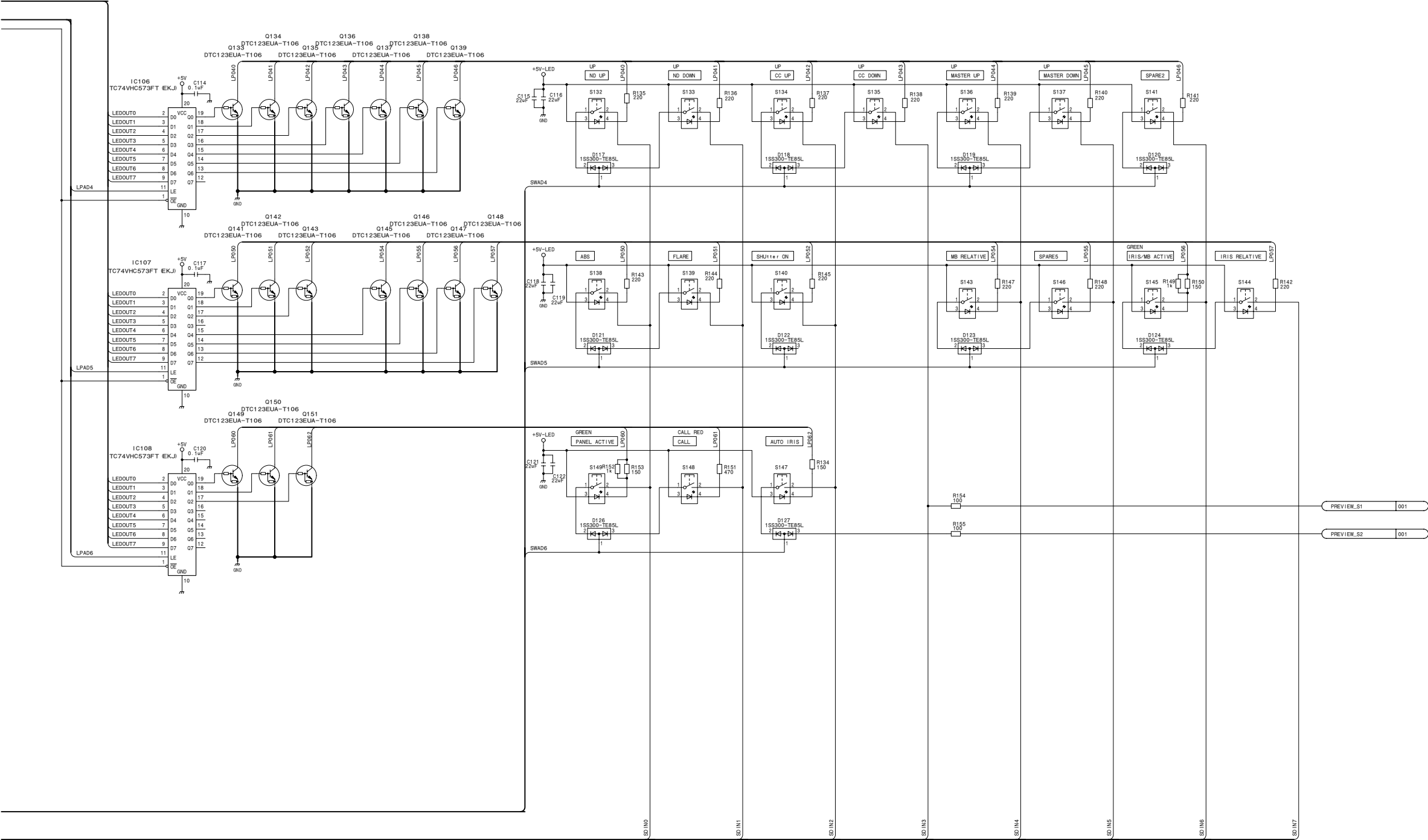
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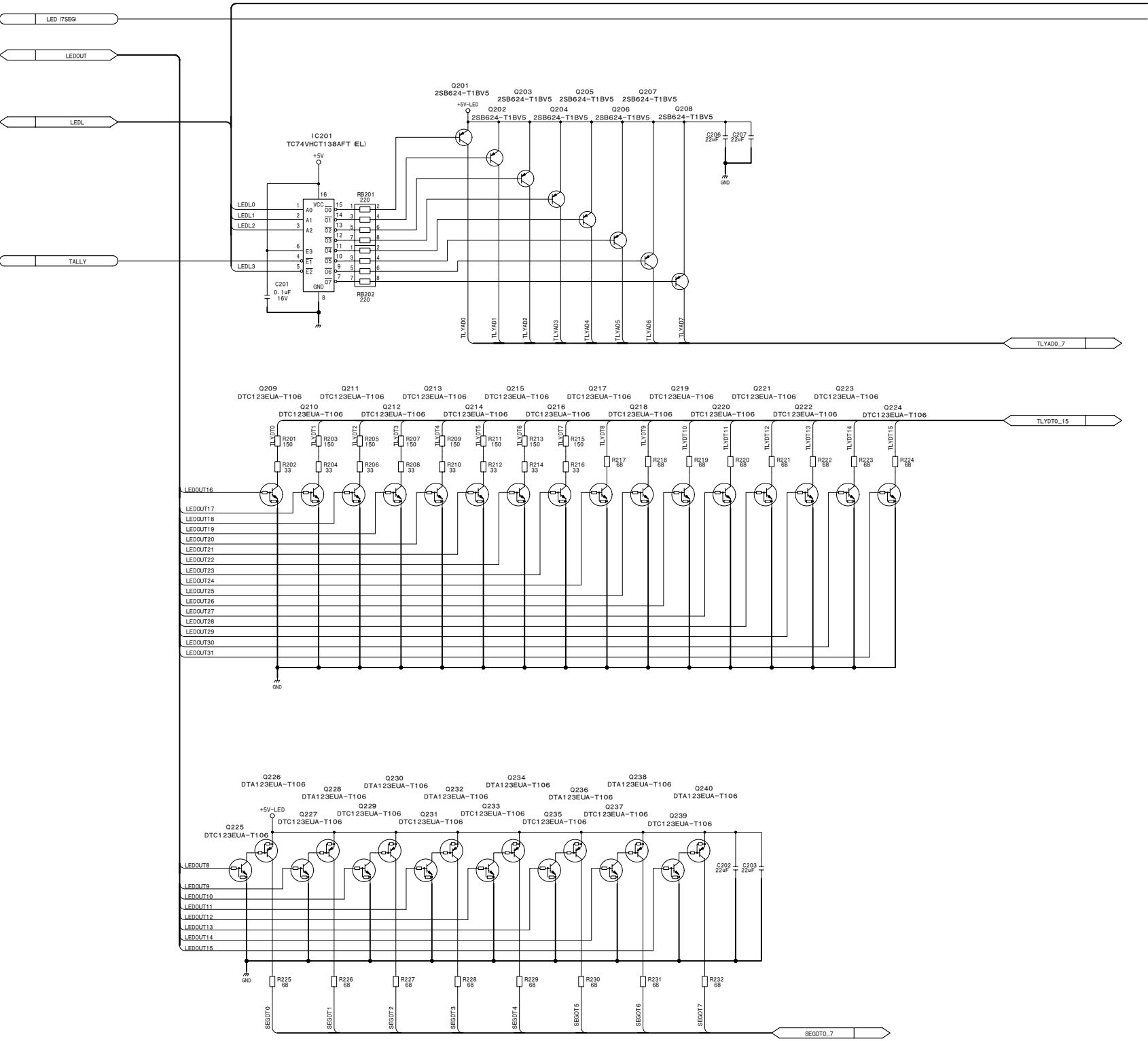
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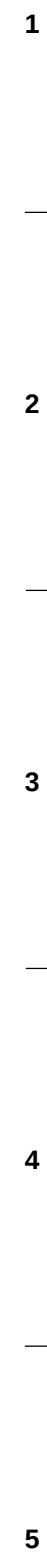
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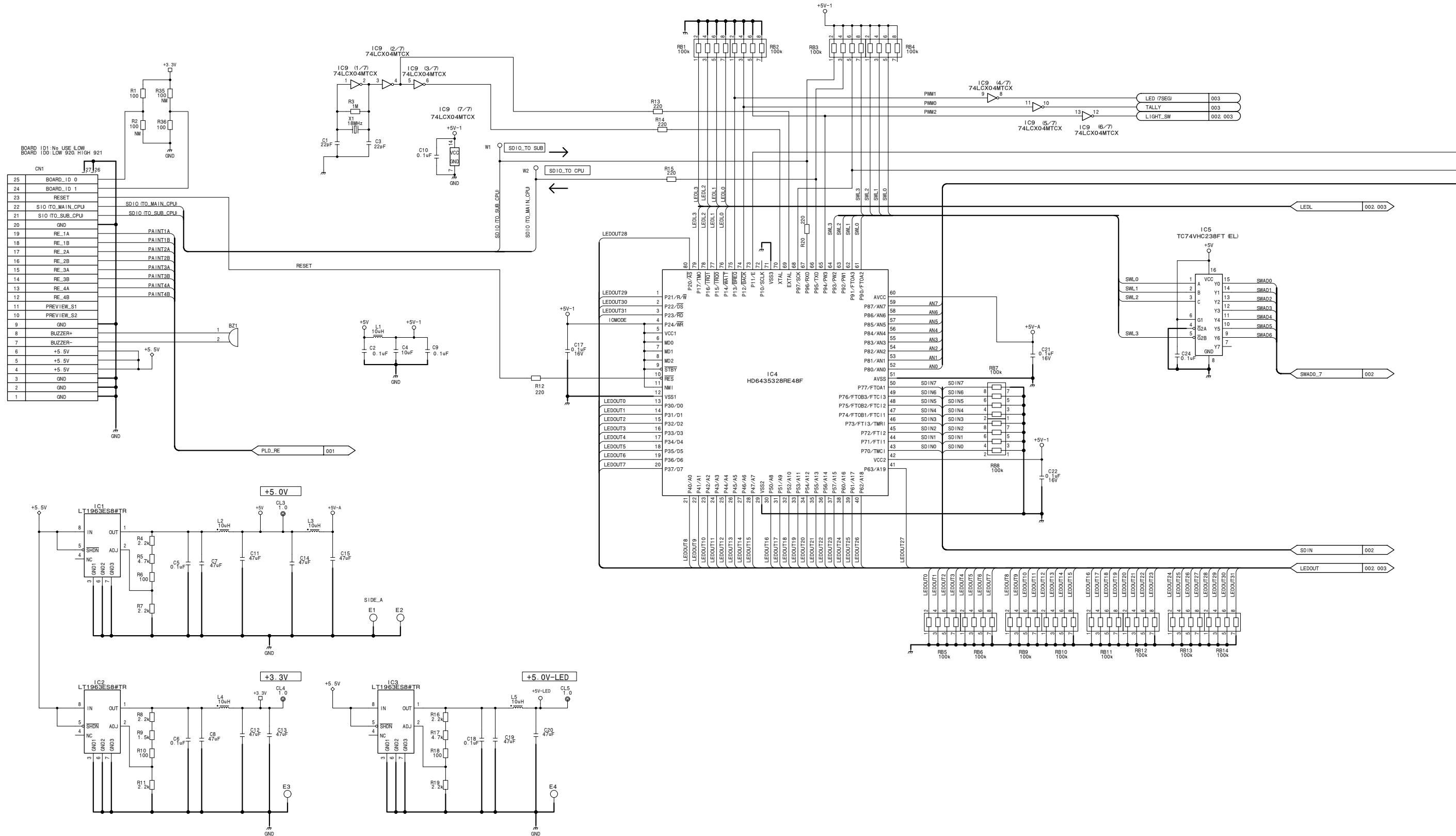
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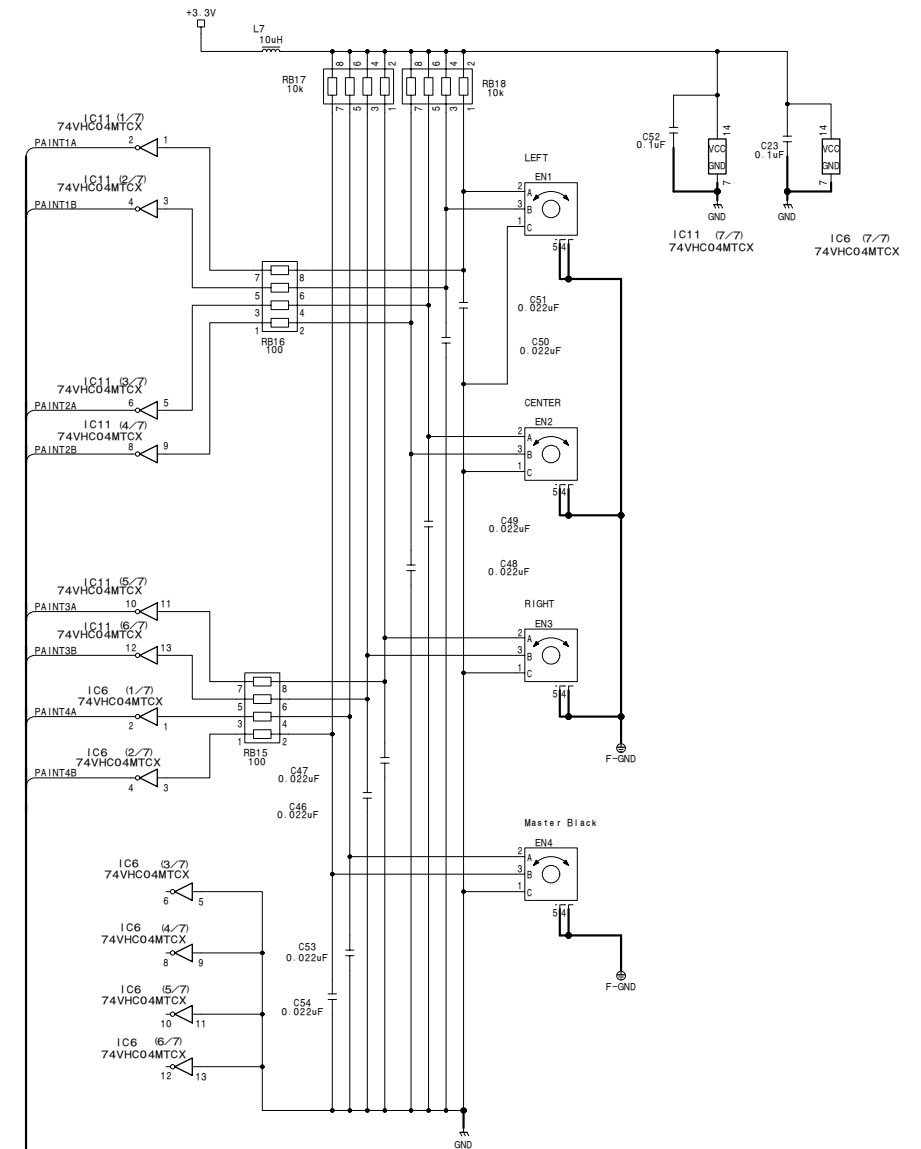
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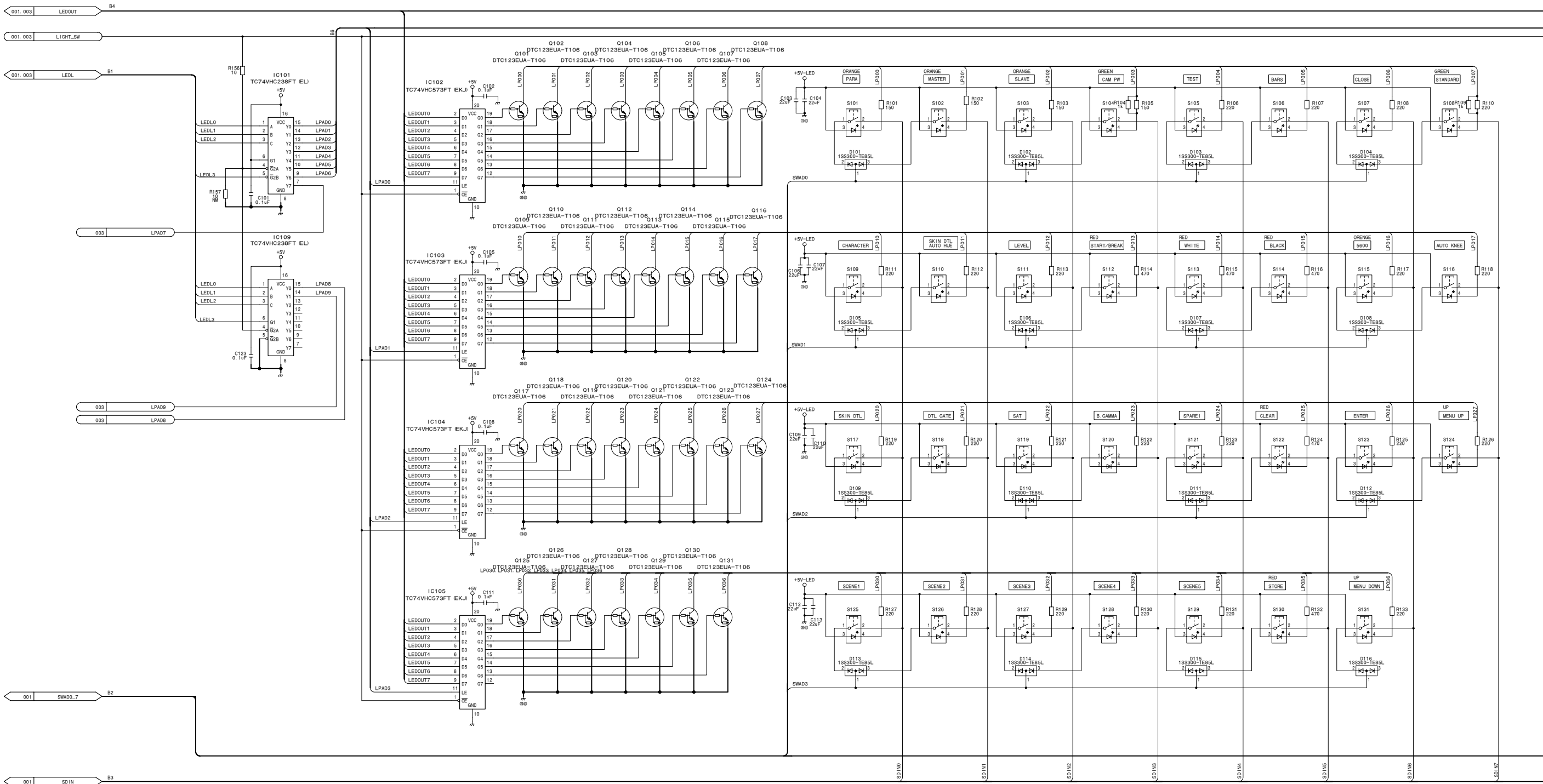
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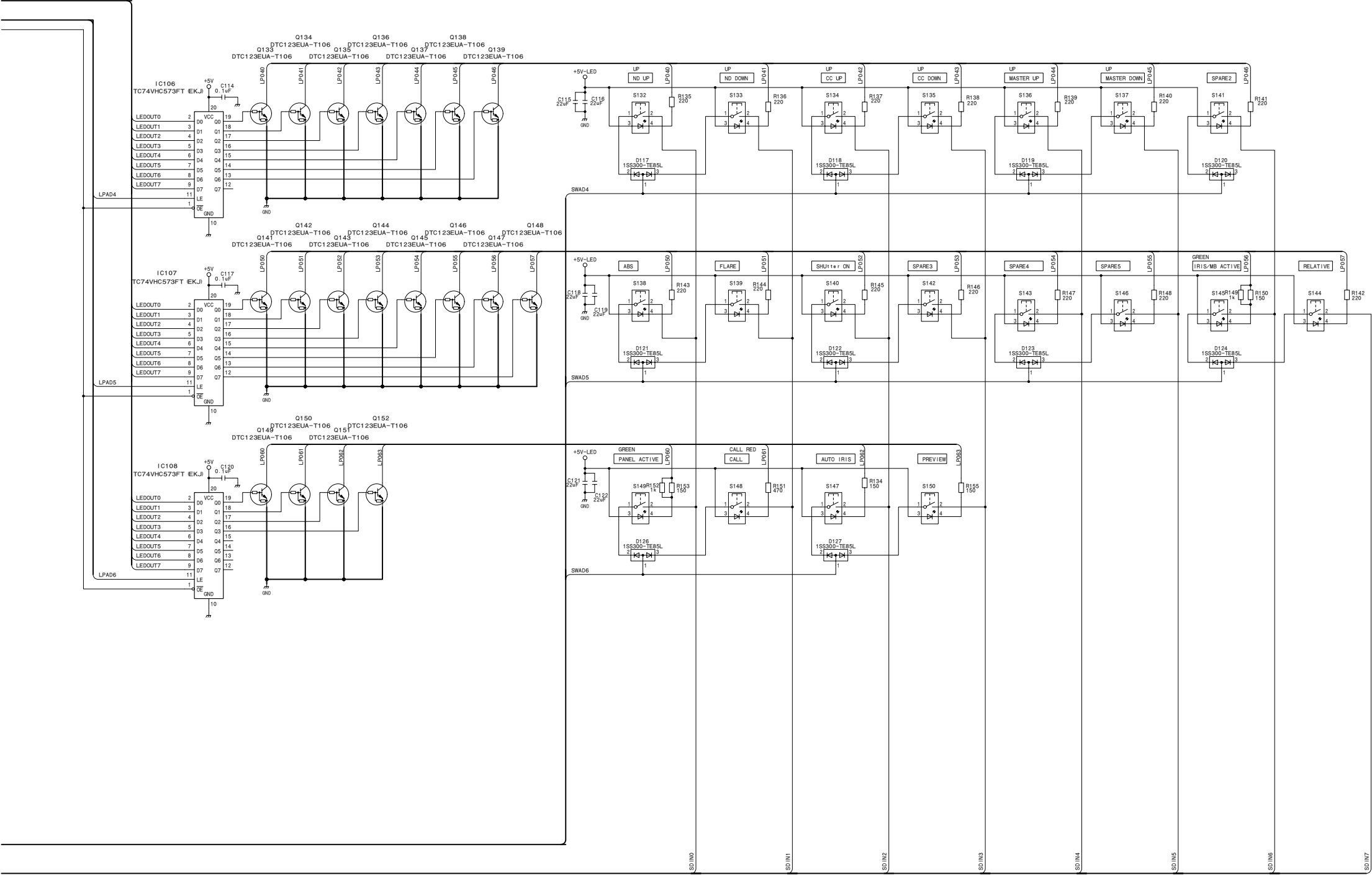
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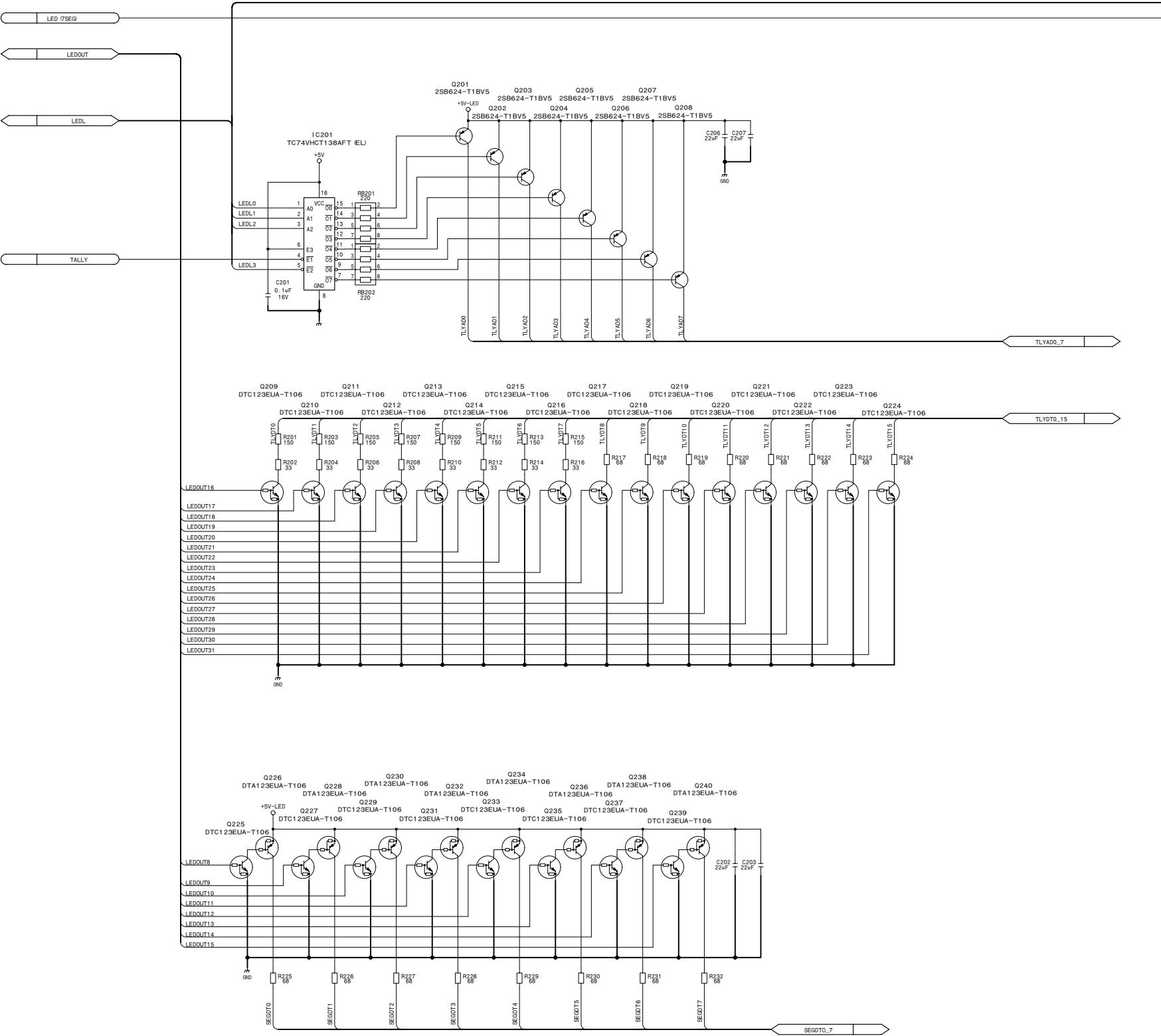


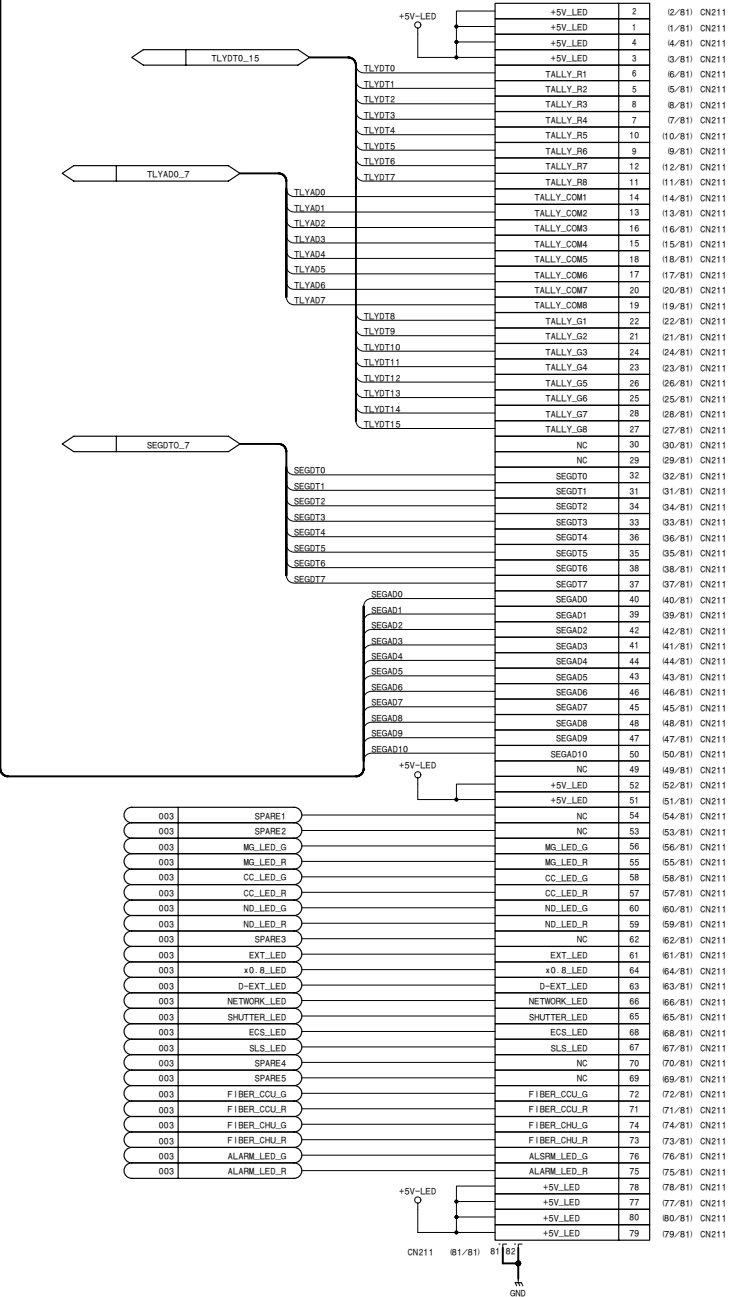
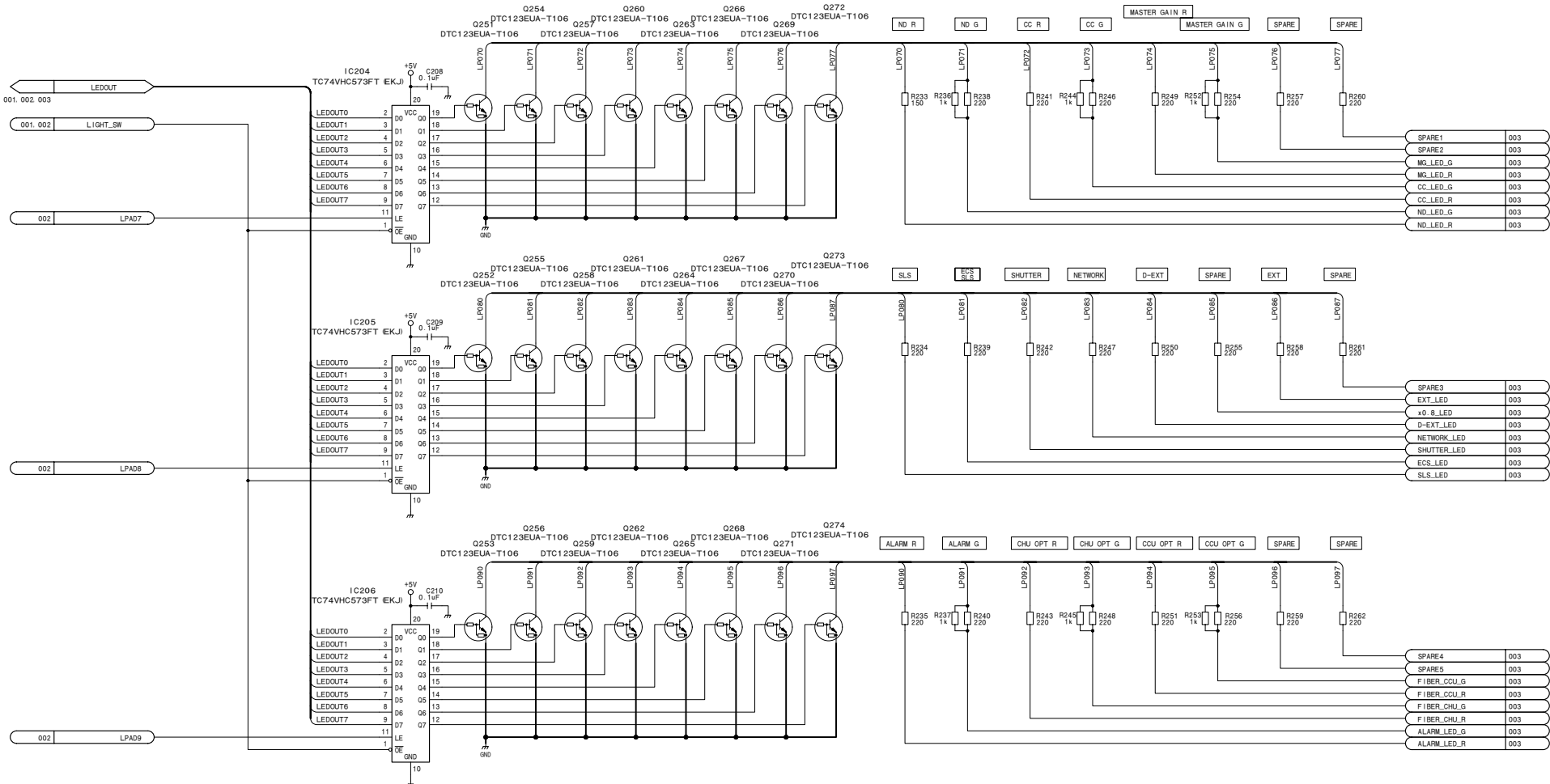
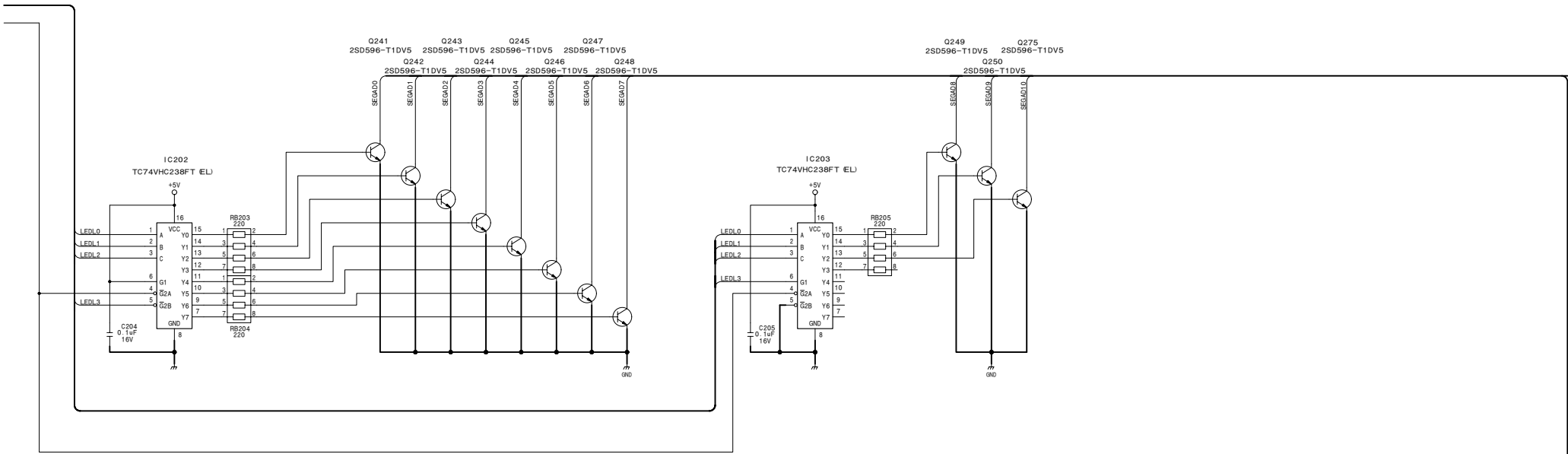


M









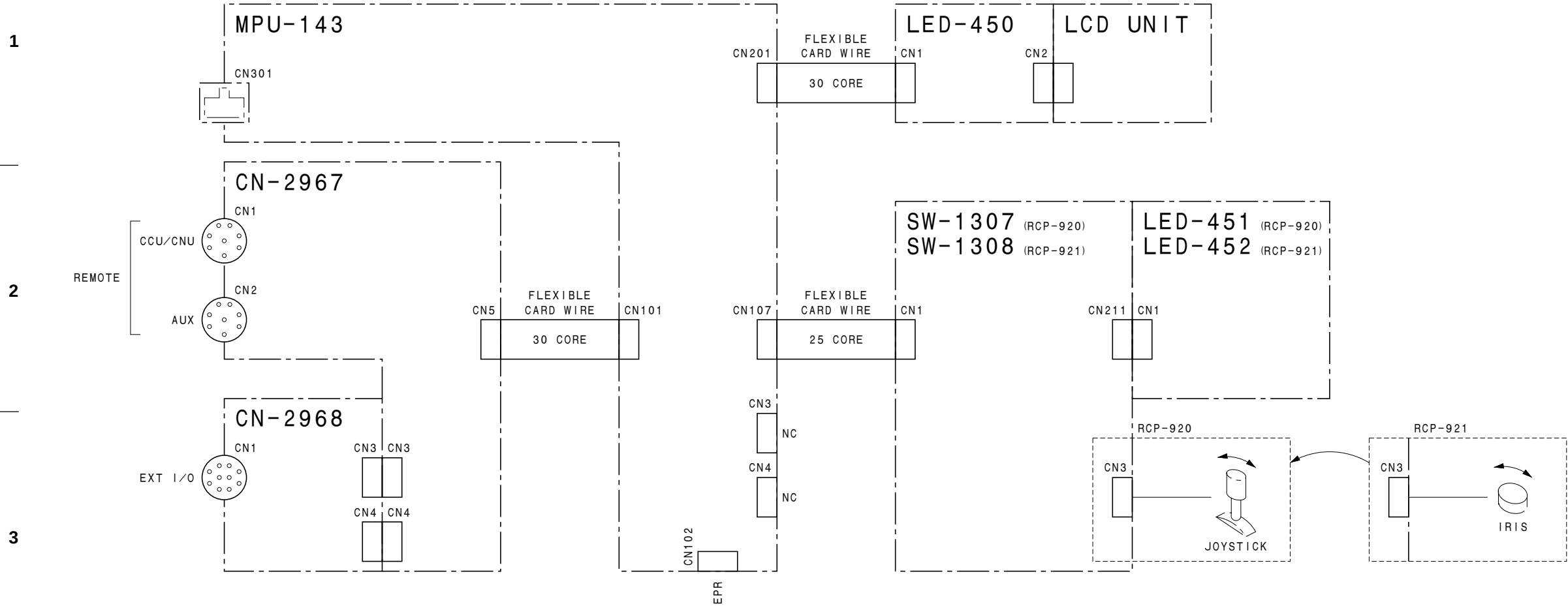
1

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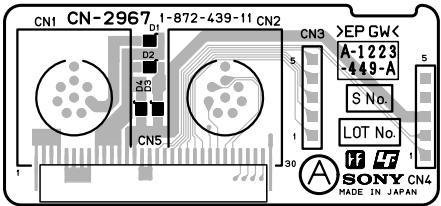


Frame Wiring

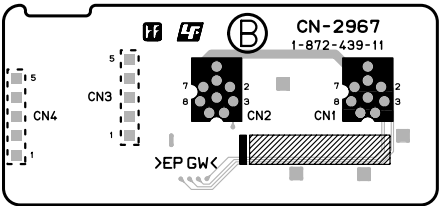
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Board Layouts

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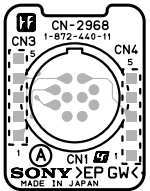
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M. MPU-143	6-3
S. SW-1307	6-4
SW-1308	6-6



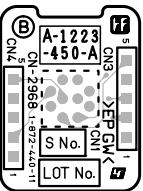
CN-2967 -A SIDE-
SUFFIX: -11



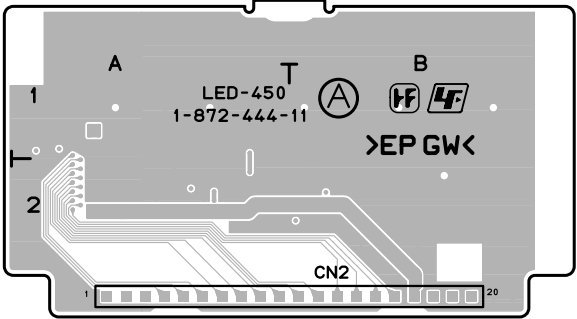
CN-2967 -B SIDE-
SUFFIX: -11



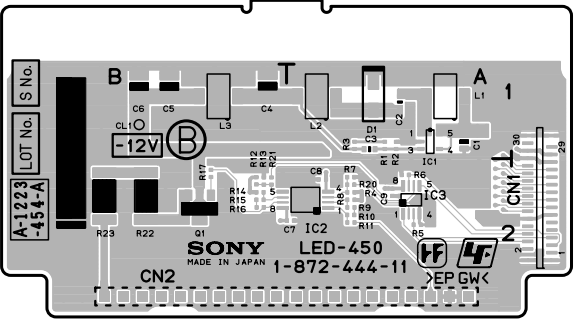
CN-2968 -A SIDE-
SUFFIX: -11



CN-2968 -B SIDE-
SUFFIX: -11



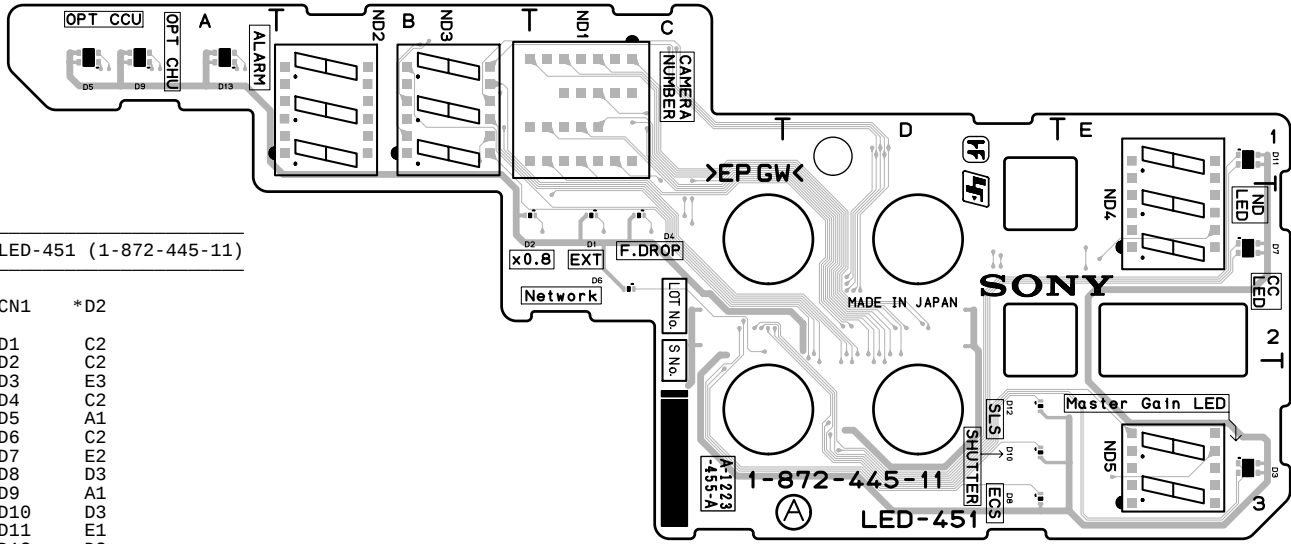
LED-450 -A SIDE-
SUFFIX: -11



LED-450 -B SIDE-
SUFFIX: -11

LED-450 (1-872-444-11)

C1	*A1	CL1	*B1	L1	*A1	R4	*A2	R13	*B2	CN2	A2
C2	*A1			L2	*A1	R5	*A2	R14	*B2		
C3	*A1	CN1	*A2	L3	*B1	R6	*A2	R15	*B2	*:B SIDE	
C4	*B1					R7	*A2	R16	*B2		
C5	*B1	D1	*A1	Q1	*B2	R8	*A2	R17	*B2		
C6	*B1					R9	*A2	R20	*A2		
C7	*A2	IC1	*A1	R1	*A1	R10	*A2	R21	*B2		
C8	*A2	IC2	*A2	R2	*A1	R11	*A2	R22	*B2		
C9	*A2	IC3	*A2	R3	*A1	R12	*B2	R23	*B2		

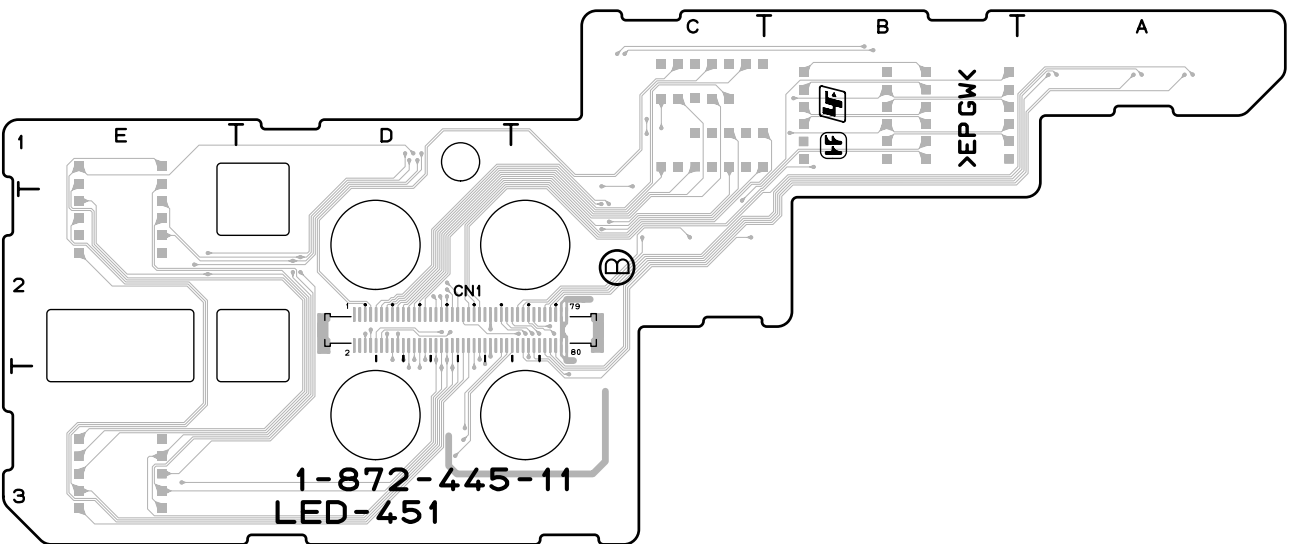


LED-451 (1-872-445-11)

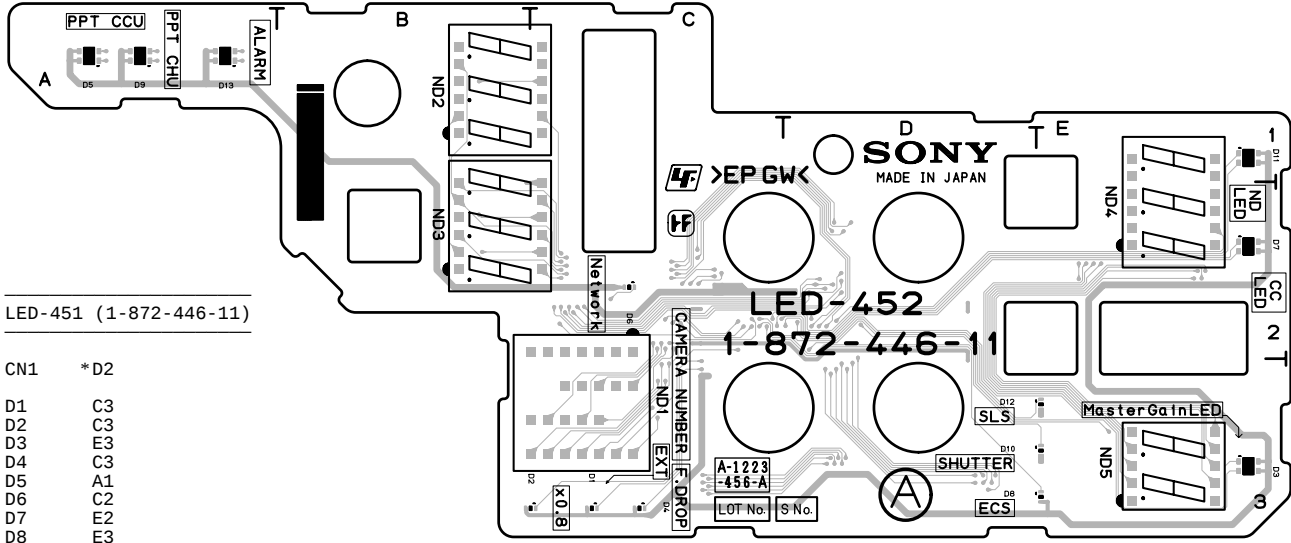
CN1	*D2
D1	C2
D2	C2
D3	E3
D4	C2
D5	A1
D6	C2
D7	E2
D8	D3
D9	A1
D10	D3
D11	E1
D12	D3
D13	A1
ND1	C1
ND2	B1
ND3	B1
ND4	E2
ND5	E3

*:B SIDE

LED-451 -A SIDE-
SUFFIX: -11



LED-451 -B SIDE-
SUFFIX: -11

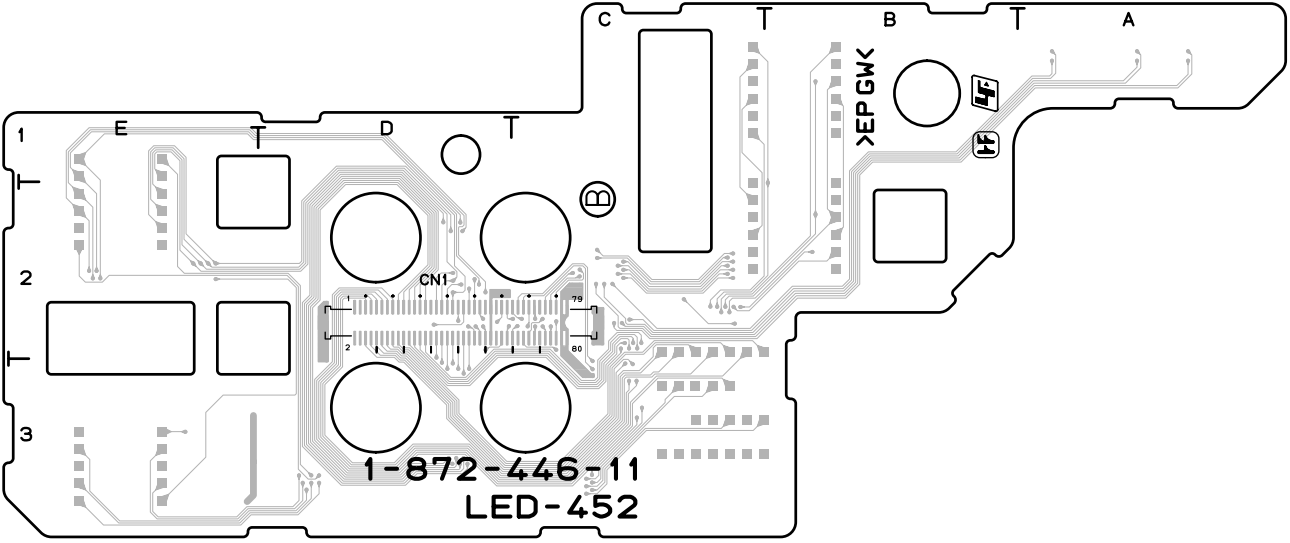


LED-451 (1-872-446-11)

CN1	*D2
D1	C3
D2	C3
D3	E3
D4	C3
D5	A1
D6	C2
D7	E2
D8	E3
D9	A1
D10	E3
D11	E1
D12	E3
D13	A1
ND1	C3
ND2	B1
ND3	B2
ND4	E2
ND5	E3

*:B SIDE

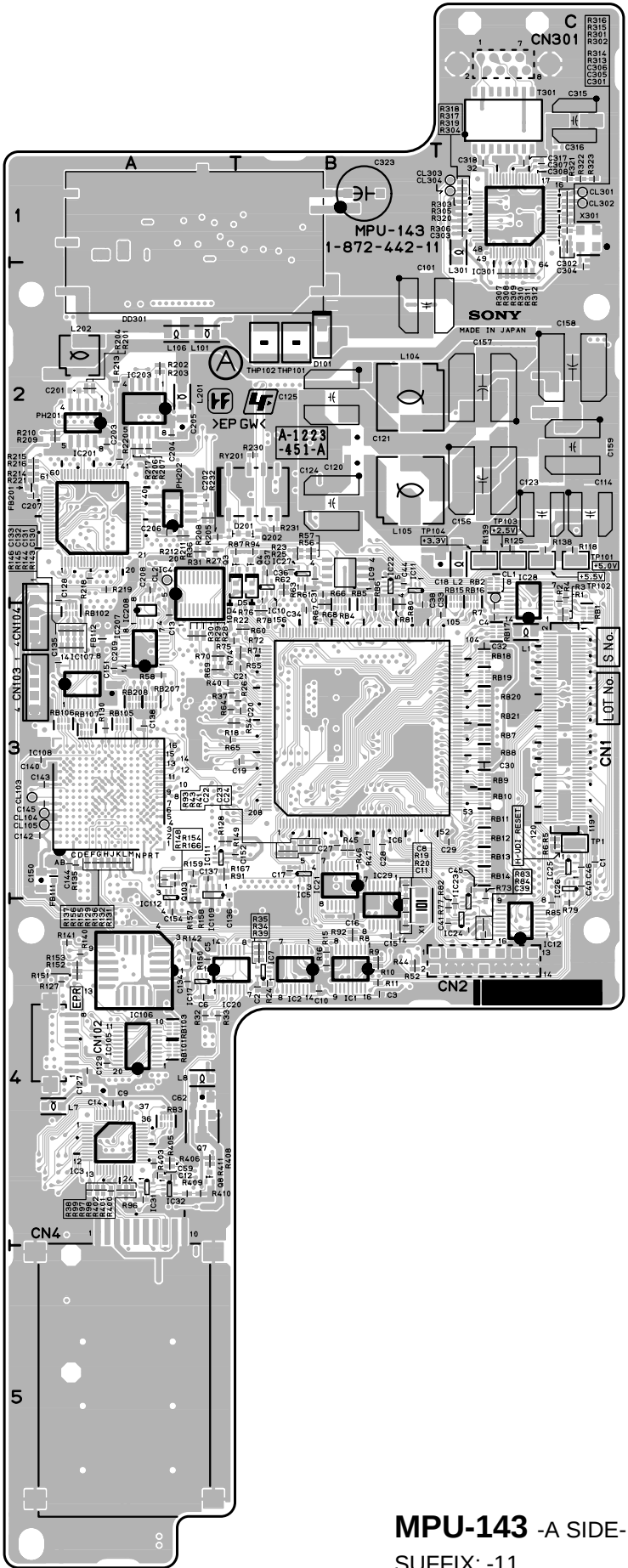
LED-452 -A SIDE-
SUFFIX: -11



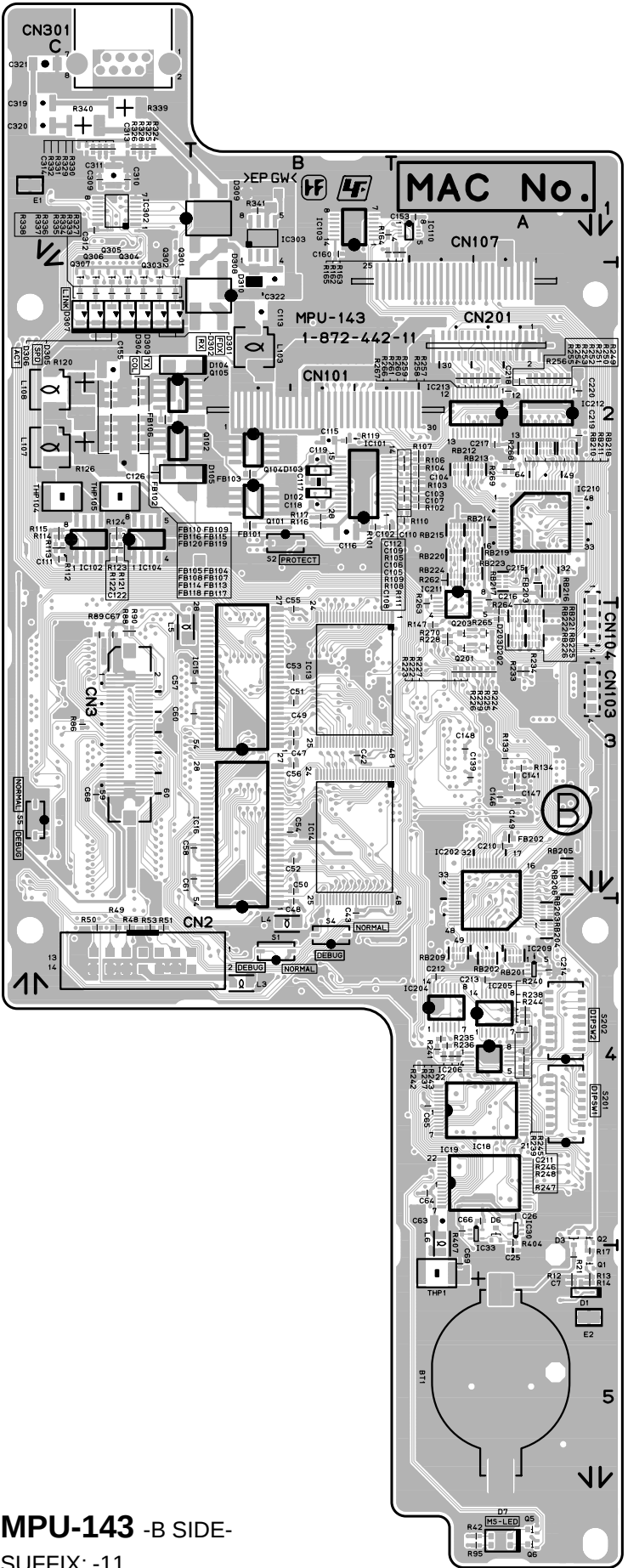
LED-452 -B SIDE-
SUFFIX: -11

MPU-143 (1-872-442-11)

BT1	*A5	C123	C2	CN1	C3	IC28	C2
C1	C3	C124	B2	CN2	*C4	IC29	B4
C2	B4	C125	B2	CN3	*C3	IC30	*A4
C3	B4	C126	*C2	CN4	A5	IC31	A4
C4	C3	C127	A4	CN101	*B2	IC32	A4
C5	A4	C128	A2	CN102	A4	IC33	*A4
C6	A4	C129	A4	CN103	A3	IC101	*B2
C7	*A5	C130	A3	CN104	A3	IC102	*C2
C8	B3	C131	A3	CN107	*A2	IC103	*B1
C9	B3	C132	A3	CN201	*A2	IC104	*C2
C10	A4	C133	A3	CN301	*C1	IC105	A4
C11	B4	C134	A4			IC106	A4
C12	A4	C135	A3	D1	*A5	IC107	A3
C13	A3	C136	A4	D3	*A4	IC108	A3
C14	A4	C137	A3	D4	B2	IC109	A3
C15	B4	C138	A3	D5	B2	IC110	*A1
C16	B4	C139	*A3	D6	*A4	IC111	A3
C17	B3	C140	A3	D7	*A5	IC112	A3
C18	B3	C141	*A3	D101	B2	IC201	A2
C19	B3	C142	A3	D102	*B2	IC202	*A4
C20	B3	C143	A3	D103	*B2	IC203	A2
C21	B3	C144	A3	D104	*C2	IC204	*A4
C22	B3	C145	A3	D105	*C2	IC205	*A4
C23	B3	C146	*A3	D201	A2	IC206	*A4
C24	B3	C147	*A3	D202	*A3	IC207	A3
C25	*A5	C148	*A3	D203	*A3	IC208	A3
C26	*A4	C149	*A3	D301	*C2	IC209	*A4
C27	B3	C150	A3	D302	*C2	IC210	*A2
C28	B3	C151	A3	D303	*C2	IC211	*A3
C29	B3	C152	A3	D304	*C2	IC212	*A2
C30	C3	C153	*A1	D305	*C2	IC213	*A2
C31	B2	C154	A4	D306	*C2	IC301	C1
C32	C3	C155	*C2	D307	*C2	IC302	*C1
C33	C3	C156	C2	D308	*B2	IC303	*B1
C34	B3	C157	C2	D309	*B1		
C35	B2	C158	C2	D310	*B2		
C36	B2	C159	C2			L1	C3
C37	B2	C160	*B1	DD301	A1	L2	C2
C38	B3	C201	A2			L3	*B4
C39	C4	C202	A2	E1	*C1	L4	*B4
C40	C3	C203	A2	E2	*A5	L5	*C3
C41	C4	C204	A2			L6	*A4
C42	*B3	C205	A2	FB101	*B2	L7	A4
C43	*B4	C206	A2	FB102	*C2	L8	A4
C44	B2	C207	A2	FB103	*B2	L101	A2
C45	C3	C208	A2	FB104	*C2	L103	*B2
C46	C3	C209	A3	FB105	*C2	L104	B2
C47	*B3	C210	*A3	FB106	*C2	L105	B2
C48	*B4	C211	*A4	FB107	*C2	L106	A2
C49	*B3	C212	*A4	FB108	*C2	L107	*C2
C50	*B3	C213	*A4	FB109	*C2	L108	*C2
C51	*B3	C214	*A4	FB110	*C2	L201	A2
C52	*B3	C215	*A2	FB111	A3	L202	A2
C53	*B3	C216	*A2	FB112	A3	L301	C1
C54	*B3	C217	*A2	FB113	A3		
C55	*B3	C218	*A2	FB114	*C2	PH201	A2
C56	*B3	C219	*A2	FB115	*C2	PH202	A2
C57	*B3	C220	*A2	FB116	*C2		
C58	*B3	C301	C1	FB117	*C2	Q1	*A5
C59	A4	C302	C1	FB118	*C2	Q2	*A4
C60	*B3	C303	C1	FB119	*C2	Q3	B2
C61	*B3	C304	C2	FB120	*C2	Q4	B2
C62	A4	C305	C1	FB201	A2	Q5	*A5
C63	*A4	C306	C1	FB202	*A3	Q6	*A5
C64	*A4	C307	C1	FB203	*A2	Q7	A4
C65	*A4	C308	C1			Q8	A4
C66	*A4	C309	*C1	IC1	B4	Q101	*B2
C67	*C3	C310	*C1	IC2	B4	Q102	*C2
C68	*C3	C311	*C1	IC3	A4	Q103	A3
C69	*A5	C312	*C1	IC4	A2	Q104	*B2
C101	B2	C313	*C1	IC5	B3	Q105	*C2
C102	*B2	C314	*C1	IC6	B3	Q201	*A3
C103	*A2	C315	C1	IC7	B4	Q202	B2
C104	*A2	C316	C1	IC8	B2	Q203	*A3
C105	*A2	C317	C1	IC9	B2	Q204	*C2
C106	*A2	C318	C1	IC10	B2	Q301	*C2
C107	*A2	C319	*C1	IC11	B2	Q302	*C2
C108	*A2	C320	*C1	IC12	C4	Q303	*C2
C109	*A2	C321	*C1	IC13	*B3	Q304	*C2
C110	*A2	C322	*B2	IC14	*B3	Q305	*C2
C111	*C2	C323	B1	IC15	*B3	Q306	*C2
C112	*A2			IC16	*B3	Q307	*C2
C113	*B2	CL1	C2	IC17	A4	R1	C3
C114	C2	CL2	A2	IC18	*A4	R2	C2
C115	*B2	CL103	A3	IC19	*A4	R3	C3
C116	*B2	CL104	A3	IC20	A4	R4	C2
C117	*B2	CL105	A3	IC21	B3	R5	C3
C118	*B2	CL301	C1	IC22	B2	R6	C3
C119	*B2	CL302	C1	IC23	C4	R7	C3
C120	B2	CL303	C1	IC24	C4	R8	B4
C121	B2	CL304	C1	IC25	C3	R9	B4
C122	*C2			IC26	C3	R10	B4
				IC27	B2	R11	B4

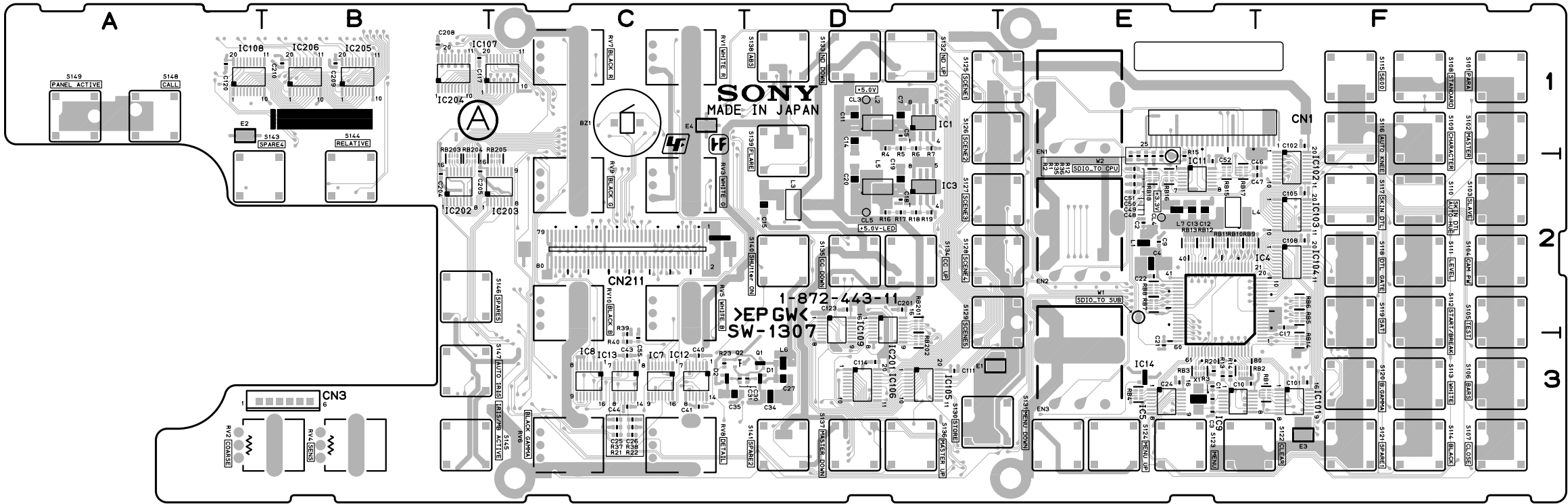


MPU-143 -A SIDE-
SUFFIX: -11



MPU-143 -B SIDE-
SUFFIX: -11

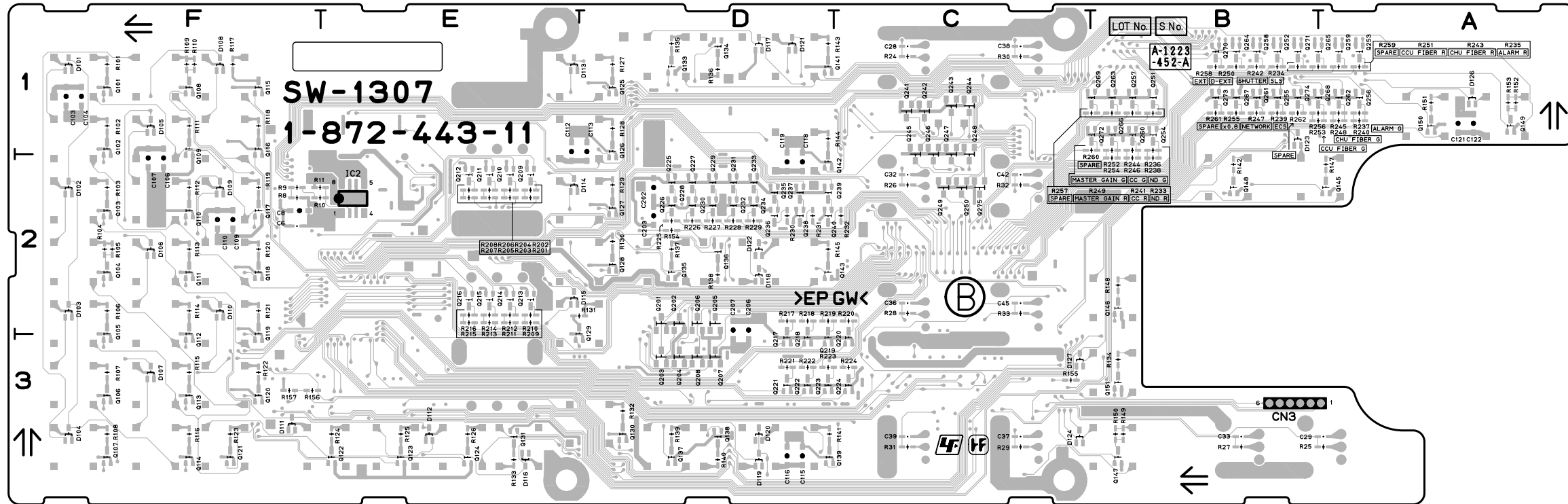
R12	*A5	R106	*A2	R233	*A3	RB1	C3
R13	*A5	R107	*A2	R234	*A3	RB2	C2
R14	*A5	R108	*A2	R235	*A4	RB3	A4
R15	B4	R109	*A2	R236	*A4	RB4	B3
R16	B4	R110	*A2	R237	*A4	RB5	B3
R17	*A5	R111	*A2	R238	*A4	RB6	B3
R18	A3	R112	*C2	R239	*A4	RB7	C3
R19	B4	R113	*C2	R240	*A4	RB8	C3
R20	B4	R114	*C2	R241	*A4	RB9	C3
R21	*A5	R115	*C2	R242	*A4	RB10	C3
R22	B3	R116	*B2	R243	*A4	RB11	C3
R23	B2	R117	*B2	R244	*A4	RB12	C3
R24	B4	R118	C2	R245	*A4	RB13	C3
R25	B2	R119	*B2	R246	*A4	RB14	C3
R26	B3	R120	*C2	R247	*A4	RB15	C2
R27	A2	R121	*C2	R248	*A4	RB16	C2
R28	A3	R122	*C2	R249	*A2	RB17	C3
R29	A3	R123	*C2	R250	*A2	RB18	C3
R30	A3	R124	*C2	R251	*A2	RB19	C3
R31	A2	R125	C2	R252	*A2	RB20	C3
R32	A4	R126	*C2	R253	*A2	RB21	C3
R33	A4	R127	A4	R254	*A2	RB101	A4
R34	B4	R128	A3	R255	*A2	RB102	A3
R35	B4	R129	A3	R256	*A2	RB103	A4
R36	A2	R130	A3	R257	*A2	RB105	A3
R37	A3	R131	A3	R258	*A2	RB106	A3
R38	A4	R132	A3	R259	*A2	RB107	A3
R39	B4	R133	*A3	R260	*A2	RB201	*A4
R40	A3	R134	*A3	R261	*A2	RB202	*A4
R41	B3	R135	A3	R262	*A2	RB203	*A4
R42	*A5	R136	A3	R263	*A3	RB204	*A4
R43	B3	R137	A3	R264	*A3	RB205	*A3
R44	B4	R138	C2	R265	*A3	RB206	*A3
R45	B3	R139	C2	R266	*A2	RB207	A3
R46	B3	R140	A4	R267	*A2	RB208	A3
R47	B3	R141	A4	R268	*A2	RB209	*A4
R48	*C4	R142	A4	R269	*A2	RB210	*A2
R49	*C4	R143	A3	R270	*A3	RB211	*A2
R50	*C4	R144	A3	R301	C1	RB212	*A2
R51	*C4	R145	A3	R302	C1	RB213	*A2
R52	B4	R146	A3	R303	C1	RB214	*A2
R53	*C4	R147	*A3	R304	C1	RB215	*A2
R54	B3	R148	A3	R305	C1	RB216	*A2
R55	B3	R149	A3	R306	C1	RB217	*A2
R56	B2	R150	A4	R307	C2	RB218	*A2
R57	B2	R151	A4	R308	C2	RB219	*A2
R58	A3	R152	A4	R309	C2	RB220	*A2
R60	B3	R153	A4	R310	C2	RB221	*A3
R61	B2	R154	A3	R311	C2	RB222	*A3
R62	B2	R155	A3	R312	C2	RB223	*A2
R63	B2	R156	A3	R313	C1	RB224	*A2
R64	A3	R157	A4	R314	C1	RB225	*A3
R65	A3	R158	A4	R315	C1	RB226	*A3
R66	B2	R159	A3	R316	C1		
R67	B3	R162	*A1	R317	C1	RY201	B2
R68	B3	R163	*A1	R318	C1		
R69	A3	R164	*B1	R319	C1	S1	*B4
R70	A3	R165	*B1	R320	C1	S2	*B2
R71	B3	R166	A3	R321	C1	S4	*B4
R72	A3	R167	A3	R322	C1	S5	*C3
R73	C4	R201	A2	R323	C1	S201	*A4
R74	A3	R202	A2	R324	*C1	S202	*A4
R75	A3	R203	A2	R325	*C1		
R76	B3	R204	A2	R326	*C1	T301	C1
R77	C4	R205	A2	R327	*C2		
R78	B3	R206	A2	R328	*C1	THP1	*A5
R79	C4	R207	A2	R329	*C1	THP101	B2
R80	B3	R208	A2	R330	*C1	THP102	B2
R81	B3	R209	A2	R331	*C1	THP104	*C2
R82	C4	R210	A2	R332	*C1	THP105	*C2
R83	C4	R211	A2	R333	*C2		
R84	C4	R212	A2	R334	*C2	TP1	C3
R85	C4	R213	A2	R335	*C2	TP101	C2
R86	*C3	R214	A2	R336	*C2	TP102	C2
R87	B2	R215	A2	R337	*C2	TP103	C2
R88	*C3	R216	A2	R338	*C2	TP104	C2
R89	*C3	R217	A2	R339	*C1		
R90	*C3	R218	A2	R340	*C1	X1	B4
R91	A3	R219	A2	R341	*B1	X301	C1
R92	B4	R220	A2	R400	A4		
R93	B3	R221	A2	R401	A4	*: B SIDE	
R94	B2	R222	*A3	R402	A4		
R95	*A5	R223	*A3	R403	A4		
R96	A4	R224	*A3	R404	*A4		
R97	A4	R225	*A3	R405	A4		
R98	A4	R226	*A3	R406	A4		
R99	A4	R227	*A3	R407	*A4		
R101	*B2	R228	*A3	R408	A4		
R102	*A2	R229	*A3	R409	A4		
R103	*A2	R230	B2	R410	A4		
R104	*A2	R231	B2	R411	A4		
R105	*A2	R232	A2				



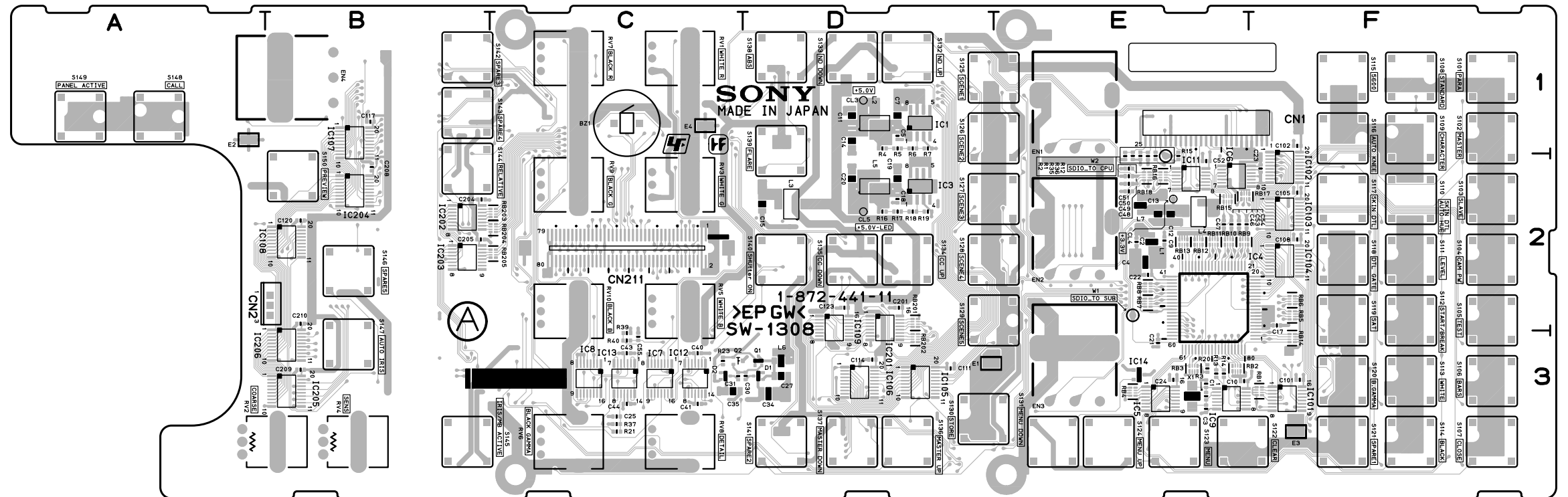
SW-1307 -A SIDE-
SUFFIX: -11

SW-1307 (1-872-443-11)

BZ1	C1	C41	C3	C205	B2	D124	*C3	L1	E2	Q131	*E3	Q223	*D3	Q263	*B1	R27	*B3	R128	*D1	R212	*E2	R252	*B1	RV5	C2	S134	D2
		C42	*C2	C206	*D2	D126	*A1	L2	D1	Q133	*D1	Q224	*C3	Q264	*B1	R28	*C2	R129	*D2	R213	*E2	R253	*A1	RV6	C3	S135	D2
C1	E3	C43	C3	C207	*D2	D127	*C3	L3	D2	Q134	*D1	Q225	*D2	Q265	*A1	R29	*C3	R130	*D2	R214	*E2	R254	*B2	RV7	C1	S136	D3
C2	E2	C44	C3	C208	B1			L4	E2	Q135	*D2	Q226	*D2	Q266	*B1	R30	*C1	R131	*D2	R215	*E2	R255	*B1	RV8	C3	S137	D3
C3	E3	C45	*C2	C209	B1	E1	D3	L5	D2	Q136	*D2	Q227	*D2	Q267	*B1	R31	*C3	R132	*D3	R216	*E2	R256	*A1	RV9	C2	S138	D1
C4	E2	C46	F2	C210	B1	E2	A1	L6	D3	Q137	*D3	Q228	*D2	Q268	*A1	R32	*C2	R133	*E3	R217	*D2	R257	*B1	RV10	C2	S139	D1
C5	D1	C47	F2			E3	F3	L7	E2	Q138	*D3	Q229	*D2	Q269	*B1	R33	*C2	R134	*B3	R218	*D2	R258	*B1			S140	D2
C6	*F2	C48	E2	CL3	D1	E4	C1			Q139	*D3	Q230	*D2	Q270	*B1	R35	E2	R135	*D1	R219	*D2	R259	*B1	S101	F1	S141	D3
C7	D1	C49	E2	CL4	E2			Q1	D3	Q141	*D1	Q231	*D2	Q271	*B1	R36	E2	R136	*D1	R220	*C2	R260	*B1	S102	F1	S143	A2
C8	*F2	C50	E2	CL5	D2	EN1	E1	Q2	C3	Q142	*D2	Q232	*D2	Q272	*B1	R37	C3	R137	*D2	R221	*D3	R261	*B1	S103	F2	S144	B2
C9	E2	C51	E2			EN2	E2	Q101	*F1	Q143	*D2	Q233	*D2	Q273	*B1	R38	C3	R138	*D2	R222	*D3	R262	*B1	S104	F2	S145	B3
C10	E3	C52	E2	CN1	E1	EN3	E3	Q102	*F1	Q145	*A2	Q234	*D2	Q274	*B1	R39	C3	R139	*D3	R223	*D3			S105	F2	S146	B2
C11	D1	C55	C3	CN3	B3			Q103	*F2	Q146	*B2	Q235	*D2	Q275	*C2	R40	C3	R140	*D3	R224	*C3	RB1	F3	S106	F3	S147	B3
C12	E2	C101	F3	CN211	C2	IC1	D1	Q104	*F2	Q147	*B3	Q236	*D2			R101	*F1	R141	*D3	R225	*D2	RB2	E3	S107	F3	S148	A1
C13	E2	C102	F1			IC2	*E2	Q105	*F3	Q148	*B2	Q237	*D2	R1	E2	R102	*F1	R142	*B2	R226	*D2	RB3	E3	S108	F1	S149	A1
C14	D1	C103	*F1	D1	D3	IC3	D2	Q106	*F3	Q149	*A1	Q238	*D2	R2	E2	R103	*F2	R143	*D1	R227	*D2	RB4	E3	S109	F1		
C15	D2	C104	*F1	D2	C3	IC4	E2	Q107	*F3	Q150	*A1	Q239	*D2	R3	E3	R104	*F2	R144	*D1	R228	*D2	RB5	F2	S110	F2	W1	E2
C17	F2	C105	F2	D101	*F1	IC5	E3	Q108	*F1	Q151	*B3	Q240	*D2	R4	D1	R105	*F2	R145	*D2	R229	*D2	RB6	F2	S111	F2	W2	E2
C18	D2	C106	*F2	D102	*F2	IC7	C3	Q109	*F1	Q201	*D2	Q241	*C1	R5	D1	R106	*F2	R147	*A2	R230	*D2	RB7	E2	S112	F2		
C19	D2	C107	*F2	D103	*F2	IC8	C3	Q110	*F2	Q202	*D2	Q242	*C1	R6	D1	R107	*F3	R148	*B2	R231	*D2	RB8	E2	S113	F3	X1	E3
C20	D2	C108	F2	D104	*F3	IC9	E3	Q111	*F2	Q203	*D3	Q243	*C1	R7	D1	R108	*F3	R149	*B3	R232	*C2	RB9	E2	S114	F3		
C21	E3	C109	*F2	D105	*F1	IC11	E2	Q112	*F3	Q204	*D3	Q244	*C1	R8	*F2	R109	*F1	R150	*B3	R233	*B1	RB10	E2	S115	F1		
C22	E2	C110	*F2	D106	*F2	IC12	C3	Q113	*F3	Q205	*D2	Q245	*C1	R9	*F2	R110	*F1	R151	*A1	R234	*B1	RB11	E2	S116	F1		
C24	E3	C111	D3	D107	*F3	IC13	C3	Q114	*F3	Q206	*D2	Q246	*C1	R10	*F2	R111	*F1	R152	*A1	R235	*A1	RB12	E2	S117	F2		
C25	C3	C112	*E1	D108	*F1	IC14	E3	Q115	*F1	Q207	*D3	Q247	*C1	R11	*F2	R112	*F2	R153	*A1	R236	*B1	RB13	E2	S118	F2		
C26	C3	C113	*D1	D109	*F2	IC101	F3	Q116	*F1	Q208	*D3	Q248	*C1	R12	E2	R113	*F2	R154	*D2	R237	*A1	RB14	F3	S119	F2		
C27	D3	C114	D3	D110	*F2	IC102	F2	Q117	*F2	Q209	*E2	Q249	*C2	R13	E3	R114	*F2	R155	*C3	R238	*B2	RB15	E2	S120	F3		
C28	*C1	C115	*D3	D111	*F3	IC103	F2	Q118	*F2	Q210	*E2	Q250	*C2	R14	E3	R115	*F3	R156	*F3	R239	*B1	RB16	E2	S121	F3		
C29	*A3	C116	*D3	D112	*E3	IC104	F2	Q119	*F3	Q211	*E2	Q251	*B1	R15	E2	R116	*F3	R157	*F3	R240	*A1	RB17	E2	S122	E3		
C30	D3	C117	B1	D113	*F1	IC105	D3	Q120	*F3	Q212	*E2	Q252	*B1	R16	D2	R117	*F1	R201	*E2	R241	*B1	RB18	E2	S123	E3		
C31	C3	C118	*D2	D114	*E2	IC106	D3	Q121	*F3	Q213	*E2	Q253	*A1	R17	D2	R118	*F1	R202	*E2	R242	*B1	RB201	D2	S124	E3		
C32	*C2	C119	*D2	D115	*E2	IC107	C1	Q122	*E3	Q214	*E2	Q254	*B1	R18	D2	R119	*F2	R203	*E2	R243	*A1	RB202	D3	S125	D1		
C33	*B3	C120	A1	D116	*E3	IC108	A1	Q123	*E3	Q215	*E2	Q255	*B1	R19	D2	R120	*F2	R204	*E2	R244	*B1	RB203	B2	S126	D1		
C34	D3	C121	*A1	D117	*D1	IC109	D2	Q124	*E3	Q216	*E2	Q256	*A1	R20	E3	R121	*F2	R205	*E2	R245	*A1	RB204	B2	S127	D2		
C35	C3	C122	*A1	D118	*D2	IC201	D2	Q125	*D1	Q217	*D3	Q257	*B1	R21	C3	R122	*F3	R206	*E2	R246	*B2	RB205	C2	S128	D2		
C36	*C2	C123	D2	D119	*D3	IC202	B2	Q126	*D1	Q218	*D3	Q258	*B1	R22	C3	R123	*F3	R207	*E2	R247	*B1			S129	D2		
C37	*C3	C201	D2	D120	*D3	IC203	C2	Q127	*D2	Q219	*D3	Q259	*A1	R23	C3	R124	*F3	R208	*E2	R248	*A1	RV1	C1	S130	D3		
C38	*C1	C202	*D2	D121	*D1	IC204	B1	Q128	*D2	Q220	*C3	Q260	*B1	R24	*C1	R125	*E3	R209	*E2	R249	*B1	RV2	B3	S131	E3		
C39	*C3	C203	*D2	D122	*D2	IC205	B1	Q129	*D2	Q221	*D3	Q261	*B1	R25	*A3	R126	*E3	R210	*E2	R250	*B1	RV3	C2	S132	D1		
C40	C3	C204	B2	D123	*B1	IC206	B1	Q130	*D3	Q222	*D3	Q262	*A1	R26	*C2	R127	*D1	R211	*E2	R251	*A1	RV4	B3	S133	D1		



SW-1307 -B SIDE-
SUFFIX: -11



SW-1308 -A SIDE-SUFFIX: -11

SW-1308 (1-872-441-11)

B21	C1	C41	C3	C203	*D2	D122	*D2	IC203	B2	Q126	*D1	Q216	*E2	Q256	*B3	R20	E3	R123	*F3	R207	*E2	R247	*B2	RV1	C1	S130	D3
		C42	*C2	C204	B2	D123	*B1	IC204	B2	Q127	*D2	Q217	*D3	Q257	*B2	R21	C3	R124	*E3	R208	*E2	R248	*B3	RV2	B3	S131	E3
C1	E3	C43	C3	C205	B2	D124	*C3	IC205	B3	Q128	*D2	Q218	*D3	Q258	*B2	R23	C3	R125	*E3	R209	*E2	R249	*B1	RV3	C2	S132	D1
C2	E2	C44	C3	C206	*D2	D126	*A1	IC206	B3	Q129	*D2	Q219	*D3	Q259	*B2	R24	*C1	R126	*E3	R210	*E2	R250	*B2	RV4	B3	S133	D1
C3	E3	C45	*C2	C207	*D2	D127	*B3			Q130	*D3	Q220	*C3	Q260	*B2	R25	*A3	R127	*D1	R211	*E2	R251	*B2	RV5	C2	S134	D2
C4	E2	C46	E2	C208	B2			L1	E2	Q131	*E3	Q221	*D3	Q261	*B2	R26	*C2	R128	*D1	R212	*E2	R252	*B2	RV6	C3	S135	D2
C5	D1	C47	E2	C209	B3	E1	D3	L2	D1	Q133	*D1	Q222	*D3	Q262	*B3	R27	*B3	R129	*D2	R213	*E2	R253	*B2	RV7	C1	S136	D3
C6	*E2	C48	E2	C210	B2	E2	A1	L3	D2	Q134	*D1	Q223	*D3	Q263	*B1	R28	*C2	R130	*D2	R214	*E2	R254	*B2	RV8	C3	S137	D3
C7	D1	C49	E2			E3	F3	L4	E2	Q135	*D2	Q224	*C3	Q264	*B2	R29	*C3	R131	*D2	R215	*E2	R255	*B2	RV9	C2	S138	D1
C8	*E2	C50	E2	CL3	D1	E4	C1	L5	D2	Q136	*D2	Q225	*C2	Q265	*B2	R30	*C1	R132	*D3	R216	*E2	R256	*B2	RV10	C2	S139	D1
C9	E2	C51	E2	CL4	E2			L6	D3	Q137	*D3	Q226	*D2	Q266	*B2	R31	*C3	R133	*E3	R217	*D2	R257	*B1			S140	D2
C10	E3	C52	E2	CL5	D2	EN1	E1	L7	E2	Q138	*D3	Q227	*D2	Q267	*B2	R32	*C2	R134	*B3	R218	*D2	R258	*B2	S101	F1	S141	D3
C11	D1	C53	E2			EN2	E2			Q139	*D3	Q228	*D2	Q268	*B2	R33	*C2	R135	*D1	R219	*D2	R259	*B2	S102	F1	S142	B1
C12	E2	C54	E2	CN1	E1	EN3	E3	Q1	D3	Q141	*D1	Q229	*D2	Q269	*B1	R35	E2	R136	*D1	R220	*C2	R260	*B2	S103	F2	S143	B1
C13	E2	C55	C3	CN2	B2	EN4	B1	Q2	C3	Q142	*D2	Q230	*D2	Q270	*B2	R36	E2	R137	*D2	R221	*D3	R261	*B2	S104	F2	S144	B2
C14	D1	C101	F3	CN211	C2			Q101	*F1	Q143	*D2	Q231	*D2	Q271	*B2	R37	C3	R138	*D2	R222	*D3	R262	*B2	S105	F2	S145	B3
C15	D2	C102	F1			IC1	D1	Q102	*F1	Q144	*B1	Q232	*D2	Q272	*B2	R39	C3	R139	*D3	R223	*D3			S106	F3	S146	B2
C17	F2	C103	*F1	D1	D3	IC2	*E2	Q103	*F2	Q145	*B1	Q233	*D2	Q273	*B2	R40	C3	R140	*D3	R224	*C3	RB1	F3	S107	F3	S147	B3
C18	D2	C104	*F1	D2	C3	IC3	D2	Q104	*F2	Q146	*B2	Q234	*D2	Q274	*B2	R101	*F1	R141	*D3	R225	*D2	RB2	E3	S108	F1	S148	A1
C19	D2	C105	*F2	D101	*F1	IC4	E2	Q105	*F2	Q147	*B3	Q235	*D2	Q275	*C2	R102	*F1	R142	*B2	R226	*D2	RB3	E3	S109	F1	S149	A1
C20	D2	C106	*F2	D102	*F2	IC5	E3	Q106	*F3	Q148	*B2	Q236	*D2			R103	*F2	R143	*D1	R227	*D2	RB4	E3	S110	F2	S150	B2
C21	E3	C107	*F2	D103	*F2	IC6	E2	Q107	*F3	Q149	*A1	Q237	*D2	R1	E2	R104	*F2	R144	*D1	R228	*D2	RB5	F2	S111	F2		
C22	E2	C108	F2	D104	*F3	IC7	C3	Q108	*F1	Q150	*A1	Q238	*D2	R2	E2	R105	*F2	R145	*D2	R229	*D2	RB6	F2	S112	F2	W1	E2
C23	F2	C109	*F2	D105	*F1	IC8	C3	Q109	*F1	Q151	*B3	Q239	*D2	R3	E3	R106	*F2	R146	*B1	R230	*D2	RB7	E2	S113	F3	W2	E2
C24	E3	C110	*F2	D106	*F2	IC9	E3	Q110	*F2	Q152	*B2	Q240	*D2	R4	D1	R107	*F3	R147	*B1	R231	*D2	RB8	E2	S114	F3		
C25	C3	C111	D3	D107	*F3	IC11	E2	Q111	*F2	Q201	*D2	Q241	*C1	R5	D1	R108	*F3	R148	*B2	R232	*C2	RB9	E2	S115	F1	X1	E3
C27	D3	C112	*E1	D108	*F1	IC12	C3	Q112	*F2	Q202	*D2	Q242	*C1	R6	D1	R109	*F1	R149	*B3	R233	*B2	RB10	E2	S116	F1		
C28	*C1	C113	*D1	D109	*F2	IC13	C3	Q113	*F3	Q203	*D3	Q243	*C1	R7	D1	R110	*F1	R150	*B3	R234	*B2	RB11	E2	S117	F2	*:B	SIDE
C29	*A3	C114	D3	D110	*F2	IC14	E3	Q114	*F3	Q204	*D3	Q244	*C1	R8	*E2	R111	*F1	R151	*A1	R235	*B2	RB12	E2	S118	F2		
C30	D3	C115	*D3	D111	*F3	IC101	F3	Q115	*F1	Q205	*D2	Q245	*C1	R9	*E2	R112	*F2	R152	*A1	R236	*B2	RB13	E2	S119	F2		
C31	C3	C116	*D3	D112	*E3	IC102	F2	Q116	*F1	Q206	*D2	Q246	*C1	R10	*E2	R113	*F2	R153	*A1	R237	*B3	RB14	F3	S120	F3		
C32	*C2	C117	B1	D113	*E1	IC103	F2	Q117	*F2	Q207	*D3	Q247	*C1	R11	*E2	R114	*F2	R155	*B2	R238	*B2	RB15	E2	S121	F3		
C33	*B3	C118	*D2	D114	*E2	IC104	F2	Q118	*F2	Q208	*D3	Q248	*C1	R12	E2	R115	*F3	R156	*F3	R239	*B2	RB16	E2	S122	E3		
C34	D3	C119	*D2	D115	*E2	IC105	D3	Q119	*F2	Q209	*E2	Q249	*C2	R13	E3	R116	*F3	R157	*F3	R240	*B3	RB17	E2	S123	E3		
C35	C3	C120	B2	D116	*E3	IC106	D3	Q120	*F3	Q210	*E2	Q250	*C2	R14	E3	R117	*F1	R201	*E2	R241	*B2	RB18	E2	S124	E3		
C36	*C2	C121	*A1	D117	*D1	IC107	B1	Q121	*F3	Q211	*E2	Q251	*B2	R15	E2	R118	*F1	R202	*E2	R242	*B2	RB201	D3	S125	D1		
C37	*C3	C122	*A1	D118	*D2	IC108	B2	Q122	*E3	Q212	*E2	Q252	*B2	R16	D2	R119	*F2	R203	*E2	R243	*B2	RB202	D3	S126	D1		
C38	*C1	C123	D2	D119	*D3	IC109	D2	Q123	*E3	Q213	*E2	Q253	*B2	R17	D2	R120	*F2	R204	*E2	R244	*B2	RB203	C2	S127	D2		
C39	*C3	C201	D2	D120	*D3	IC201	D2	Q124	*E3	Q214	*E2	Q254	*B2	R18	D2	R121	*F2	R205	*E2	R245	*B3	RB204	C2	S128	D2		
C40	C3	C202	*D2	D121	*D1	IC202	B2	Q125	*D1	Q215	*E2	Q255	*B2	R19	D2	R122	*F3	R206	*E2	R246	*B2	RB205	C2	S129	D2		

