

SONY®

LARGE LENS ADAPTOR

HDLA1500

HDLA1503

HDLA1505

LARGE VIEWFINDER ADAPTOR

HDLA1507

MAINTENANCE MANUAL

1st Edition (Revised 4)

Serial No. 10001 and Higher: HDLA1500/1505 (JN)

Serial No. 40001 and Higher: HDLA1500/1505 (CE)

Serial No. 50001 and Higher: HDLA1503 (CN)

Serial No. 100001 and Higher: HDLA1507 (JN)

Serial No. 400001 and Higher: HDLA1507 (CE)

Serial No. 401001 and Higher: HDLA1505/1507 (CE)

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.

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Manual Structure

Purpose of this manual

This manual is the maintenance manual of Large Lens Adaptor HDLA1500/1503/1505/1507.

This manual describes the information items on maintenance, and items that premise the service based on the components parts such as installation overview, service overview, spare parts, semiconductor pin assignments, block diagrams, schematic diagrams and board layouts, assuming use of system and service engineers.

Related manuals

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

- **Operation Manual (Supplied with the HDLA1500/1503/1505/1507)**

Part No.: 3-903-904-0X

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

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

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

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

Part number: 9-968-546-06

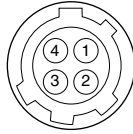
Section 1

Installation Overview

1-1. Matching Connector and Signal Inputs/Outputs

1-1-1. Signal Inputs/Outputs

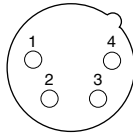
DC OUT (4-pin, Female)



– External view –

No.	Signal	I/O	Specifications
1	UNREG GND	–	GND for POWER
2	NC	–	No connection
3	NC	–	No connection
4	UNREG	O	+12 V dc 1.5 A (max)

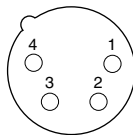
DC IN (4-pin, Male)



– External view –

No.	Signal	I/O	Specifications
1	EXT_DC (C)	–	GND for DC (+)
2	NC	–	No connection
3	NC	–	No connection
4	EXT_DC (H)	I	+10.5 to 17 V dc

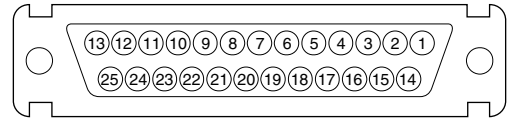
DC OUT (4-pin, Male)



– External view –

No.	Signal	I/O	Specifications
1	UNREG GND	–	
2	NC	–	No connection
3	NC	–	No connection
4	UNREG	O	+12.5 V dc 5 A

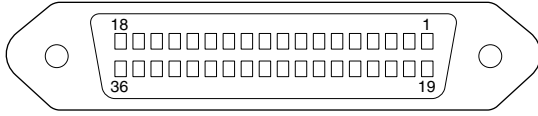
VF (25-pin, Female)



– External view –

No.	Signal	I/O	Specifications
1	VF-Y (X)	O	1.0 V p-p, $Z_o = 75 \Omega$
2	VF-GND (Pr)	–	GND for VF-Pr (X)
3	VF-Pr (X)	O	0.7 V p-p, $Z_o = 75 \Omega$
4	VF-GND (Pb)	–	GND for VF-Pb (X)
5	VF-Pb (X)	O	0.7 V p-p, $Z_o = 75 \Omega$
6	PEAKING LEVEL	I	0 to 5 V dc
7	VF-UNREG	O	+10.5 to +20 V
8	VF-UNREG		
9	NC	–	No connection
10	S-DATA	I/O	TTL level
11	TALLY (R)-VF	O	ON: +5 V OFF: 0 V
12	EFFECT	O	ON: +5 V OFF: 0 V
13	NC	–	No connection
14	VF-GND (Y)	–	GND for VF-Y (X)
15	S-CK	O	TTL level
16	BATT IND	O	ON: +5 V OFF: 0 V
17	CHASSIS GND	–	GND
18	TALLY (G)-VF	O	ON: +5 V OFF: 0 V
19	GND (UNREG)	–	GND for VF-UNREG
20	GND (UNREG)		
21	VF-SEL	I	BW: 0 V COLOR: +5 V
22	H EXPAND	O	ON: GND OFF: +5 V
23	NC	–	No connection
24	NC	–	No connection
25	V EXPAND	O	ON: GND OFF: +5 V

LENS (36-pin, Female)



– External view –

No.	Signal	I/O	Specifications
1	NC	–	No connection
2	NC	–	No connection
3	NC	–	No connection
4	LENS +12 V	O	+12 V (at 3 A)
5	GND (LENS)	–	GND for +12 V (LENS)
6	GND (SIG)	–	GND
7	NC	–	No connection
8	LENS-EXT-1 (SERIAL RXD)	I	*2 (LENS SERIAL DATA)
9	LENS-EXT-2	I	*2
10	LENS-EXT-3	I	*2
11	LENS-SERVO	O	ON: GND OFF: High impedance
12	IRIS-POSI	I	$Z_i \geq 10 \text{ k}\Omega$ 2 to 7 V "3.4 $\pm$ 0.1 V (F16)" "6.2 $\pm$ 0.1 V (F2.8)"
13	ZOOM-POSI	I	$Z_i \geq 10 \text{ k}\Omega$ 2 to 7 V "2 V (WIDE), 7 V (TELE)"
14	RET 1-ON	I	$Z_i \geq 10 \text{ k}\Omega$ ON: GND OFF: High impedance
15	RET 2-ON	I	$Z_i \geq 10 \text{ k}\Omega$ ON: GND OFF: High impedance
16	FOCUS-POSI	I	$Z_i \geq 10 \text{ k}\Omega$ 2 to 7 V "2 V (MIN), 7 V (∞)"
17	IRIS-CONT	O	2 to 7 V "3.4 $\pm$ 0.1 V (F16)" "6.2 $\pm$ 0.1 V (F2.8)" $Z_o \leq 1 \text{ k}\Omega$
18	IRIS-AUTO /MANU (SERIAL TXD)	O	AUTO: GND MANU: High impedance $Z_o \leq 1 \text{ k}\Omega$
19	NC	–	No connection
20	NC	–	No connection
21	LENS R TALLY	O	ON: GND OFF: High impedance $Z_o \leq 1 \text{ k}\Omega$
22	LENS-EXP-POSI	I	$Z_i \geq 10 \text{ k}\Omega$ 1 to 4 V 1 V: -7.5° 4 V: $+7.5^\circ$

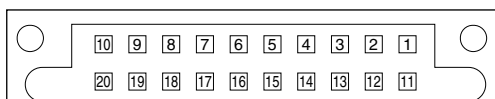
No.	Signal	I/O	Specifications
23	RET 3-ON	I	$Z_i \geq 10 \text{ k}\Omega$ ON: GND OFF: High impedance
24	LENS-ADR-0	I	*1
25	LENS-ADR-1	I	*1
26	LENS-ADR-2	I	*1
27	LENS-ADR-3	I	*1
28	EXT 1-ON	O	ON: GND OFF: High impedance
29	EXT 2-ON	O	ON: GND OFF: High impedance
30	F-DEM (FAR)	I	No connection
31	INCOM 1- ENG/PROD	I	$Z_i \geq 10 \text{ k}\Omega$ ENG: GND PRD: High impedance
32	INCOM 2- ENG/PROD	I	$Z_i \geq 10 \text{ k}\Omega$ ENG: GND PRD: High impedance
33	INCOM 1-MIC-ON	I	$Z_i \geq 10 \text{ k}\Omega$ ON: GND OFF: High impedance
34	INCOM 2-MIC-ON	I	$Z_i \geq 10 \text{ k}\Omega$ ON: GND OFF: High impedance
35	F-CONT-SIG	O	No connection
36	F-DEM (NEAR)	I	No connection

*1 $Z_i \geq 10 \text{ k}\Omega$
1: High impedance
0: $0 \pm 0.5 \text{ V}$
LENS ADRS 0 (low-order bit)
LENS ADRS 3 (high-order bit)

*2 $Z_i \geq 10 \text{ k}\Omega$
1: High impedance
0: $0 \pm 0.5 \text{ V}$

EX1	EX2	EX3	MODE
1	1	1	EXTENDER OFF
1	0	1	EXT-1 ($\times 1.5$) ON
0	1	1	EXT-2 ($\times 2$) ON
0	0	1	EXT-3 ($\times 2.5$) ON

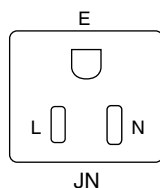
BUILT-UP (20-pin, Female)



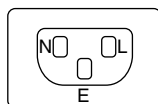
– External view –

No.	Signal	I/O
1	Y-VIDEO (X)	I
2	GND (Y)	–
3	Pb-VIDEO (X)	I
4	GND (Pb)	–
5	Pr-VIDEO (X)	I
6	GND (Pr)	–
7	RESERVE (X)	–
8	GND (RESERVE)	–
9	G-TALLY	I
10	R-TALLY	I
11	AC240 V (H)	I
12	CA-TX-IN	I
13	CA-RX-OUT	O
14	CA-SENSE-OUT	O
15	LENS-TX-IN	O
16	LENS-RX-OUT	I
17	B-SPARE	–
18	STB-INCOM1-ON	O
19	CHASSIS-GND	–
20	AC240 V (C)	I

AC OUT (HDLA1500, HDLA1505, HDLA1507) (For service personnel only)



(External view)



(External view)

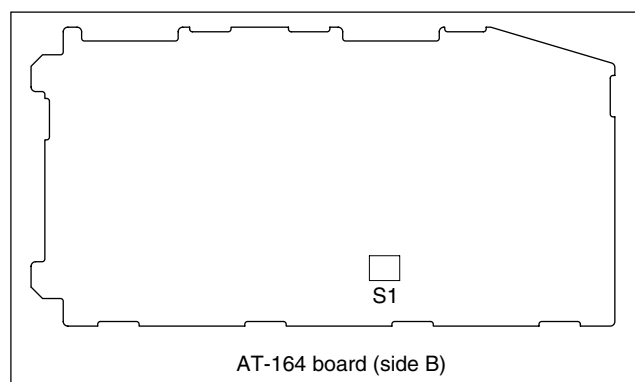
No.	Signal	I/O	Specifications
E	GND	–	CHASSIS GND
N	UTL (C)	OUT	• AC 100/120 V, 200 VA or below (JN)
L	UTL (H)	OUT	• AC 230 V (CE)

1-1-2. Connection Connectors/Cables

Connection made with the connector panels during installation or service, should be made with the connectors/complete cable assemblies specified in the following list, or equivalent parts.

Connector	Connection connectors/cables
DC OUT (4-pin, Female)	Plug, 4-pin, Male 1-566-425-11 or HIROSE HR10A-7P-4P equivalent
DC IN (4-pin, Male)	XLR, 4-pin, Female 1-508-362-11/21 or ITT Cannon XLR-4-11C equivalent Cable: 1-551-578-11 (5 m)
DC OUT (4-pin, Female)	XLR, 4-pin, Male 1-784-898-11 1-508-369-11/21 or ITT Cannon XLR-4-12C equivalent Cable: CCDD-X2 (2 m, Commercially available)

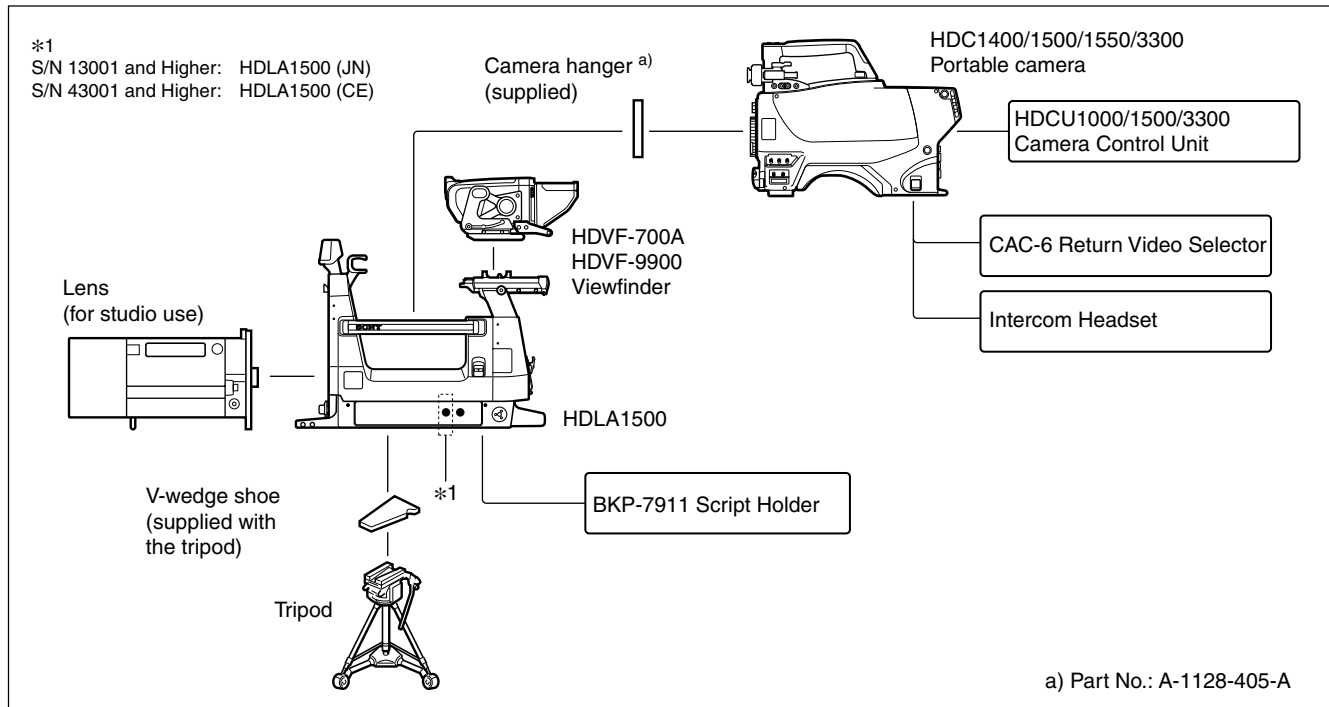
1-2. Function of Internal Switch



Ref. No.	Description
S1	Used for future extension Factory setting: All OFF

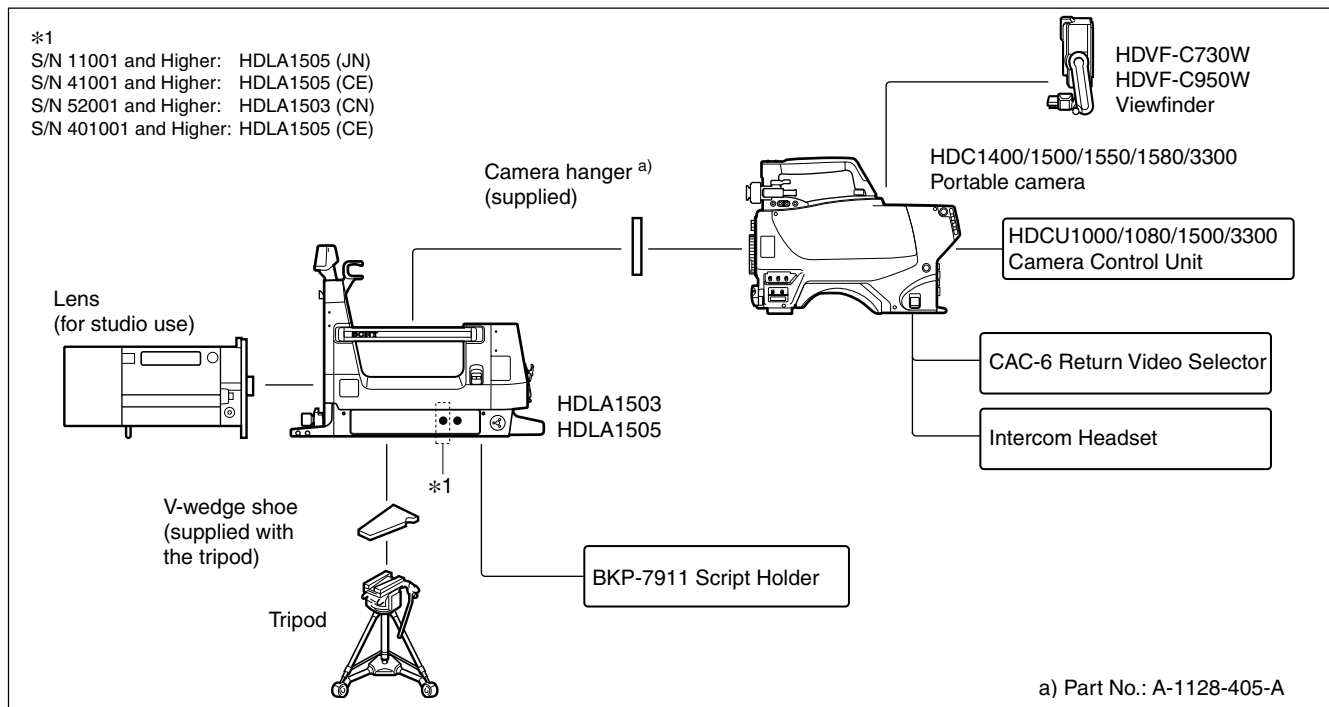
1-3. System Configuration

HDLA1500

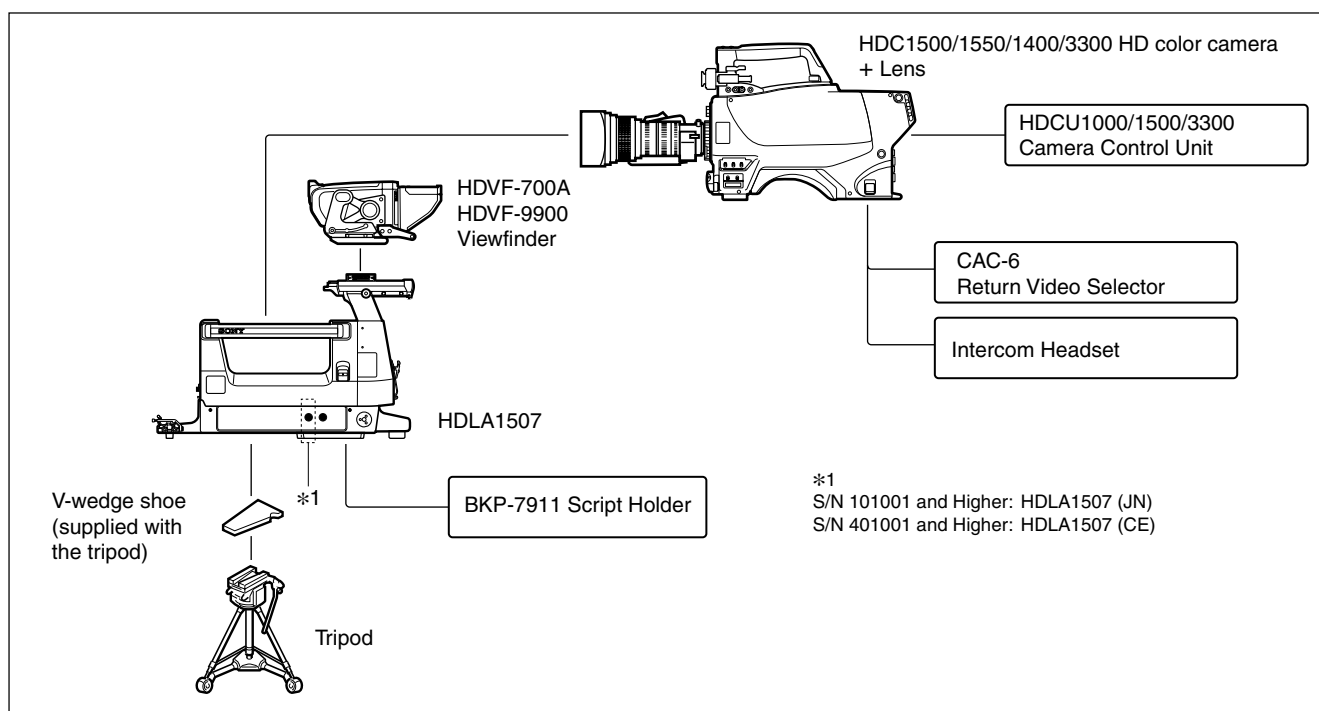


HDLA1503

HDLA1505

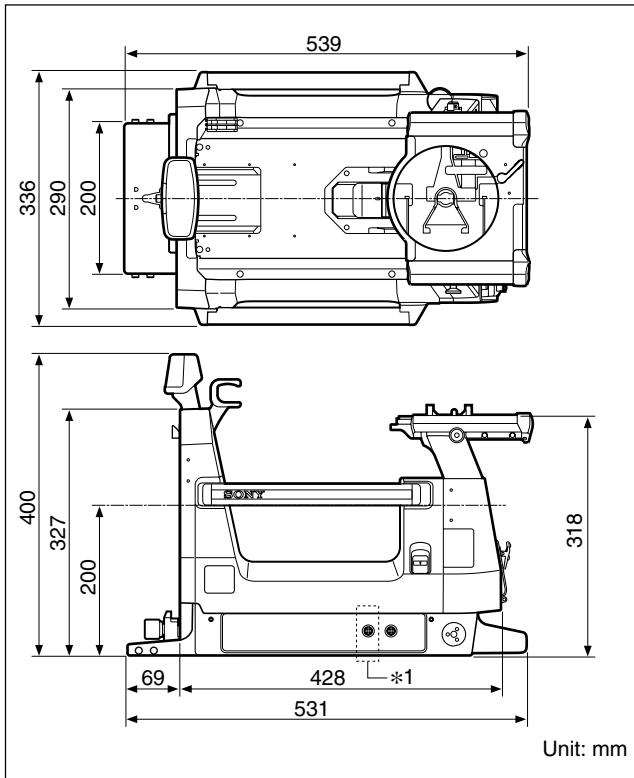


HDLA1507



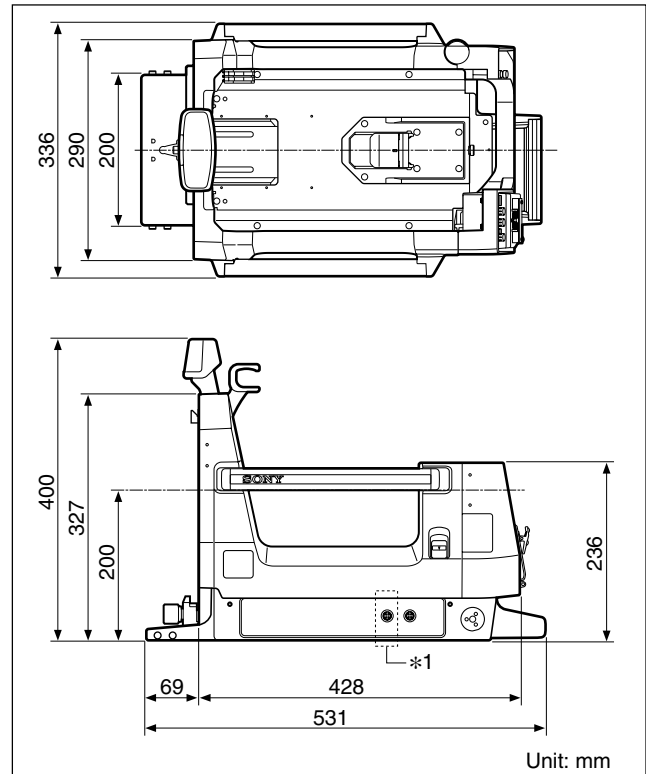
1-4. Dimensions

HDLA1500

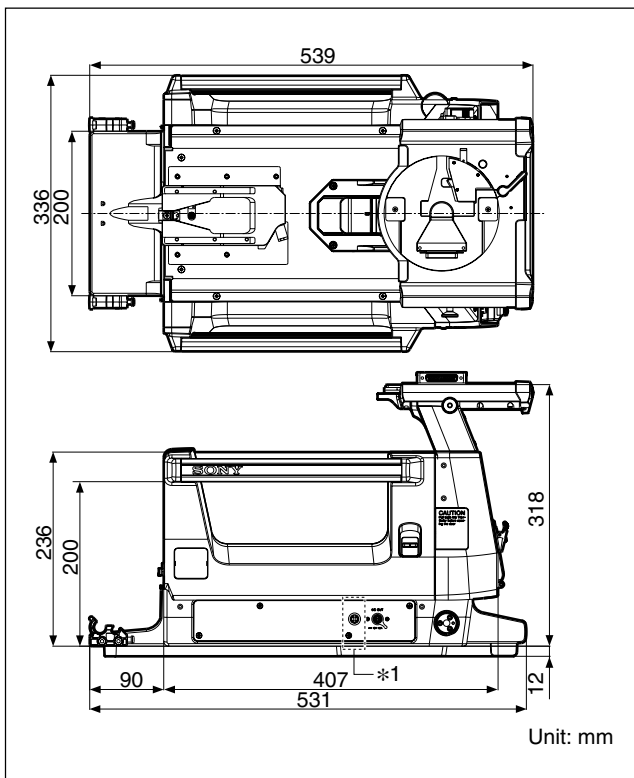


HDLA1503

HDLA1505



HDLA1507



Note

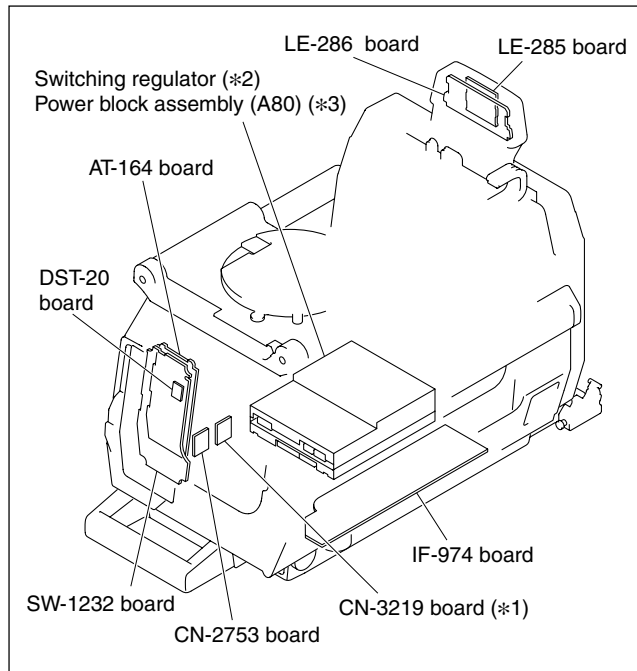
*1

- S/N 11001 and Higher: HDLA1505 (JN)
- S/N 13001 and Higher: HDLA1500 (JN)
- S/N 41001 and Higher: HDLA1505 (CE)
- S/N 43001 and Higher: HDLA1500 (JN)
- S/N 52001 and Higher: HDLA1503 (CN)
- S/N 101001 and Higher: HDLA1507 (JN)
- S/N 401001 and Higher: HDLA1505/1507 (CE)

Section 2

Service Overview

2-1. Board Layouts



*1

S/N 11001 and Higher: HDLA1505 (JN)
 S/N 13001 and Higher: HDLA1500 (JN)
 S/N 41001 and Higher: HDLA1505 (CE)
 S/N 43001 and Higher: HDLA1500 (JN)
 S/N 52001 and Higher: HDLA1503 (CN)
 S/N 101001 and Higher: HDLA1507 (JN)
 S/N 401001 and Higher: HDLA1505/1507 (CE)

*2

S/N 10001 through 11999: HDLA1505 (JN)
 S/N 10001 through 13999: HDLA1500 (JN)
 S/N 40001 through 41999: HDLA1505 (CE)
 S/N 40001 through 43999: HDLA1500 (CE)
 S/N 50001 through 52999: HDLA1503 (CN)
 S/N 100001 through 119999: HDLA1507 (JN)
 S/N 400001 through 419999: HDLA1505/1507 (CE)

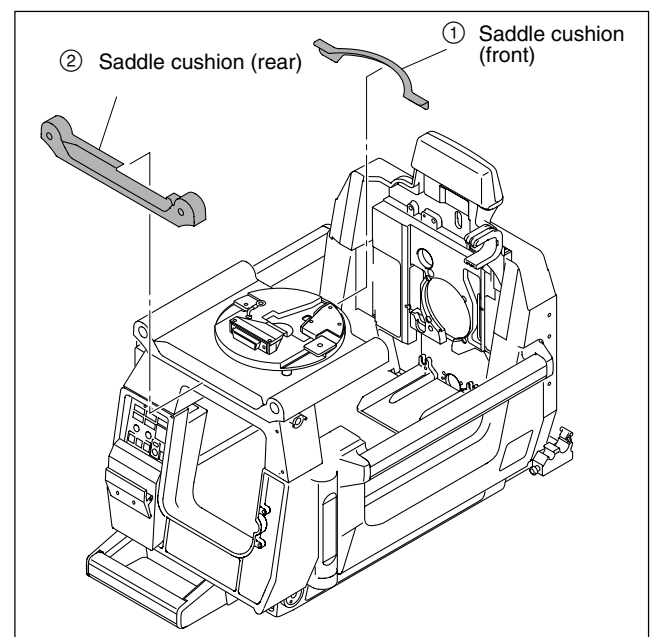
*3

S/N 12001 and Higher: HDLA1505 (JN)
 S/N 14001 and Higher: HDLA1500 (JN)
 S/N 42001 and Higher: HDLA1505 (CE)
 S/N 44001 and Higher: HDLA1500 (CE)
 S/N 53001 and Higher: HDLA1503 (CN)
 S/N 120001 and Higher: HDLA1507 (JN)
 S/N 420001 and Higher: HDLA1505/1507 (CE)

2-2. Recommended Replacing Parts (HDLA1500, HDLA1507)

Following parts are recommended replacing parts. These parts may become cracked and split with the lapse of time, therefore replace it if necessary.

No.	Parts	Sony parts No.
①	Saddle cushion (front)	3-872-575-0X
②	Saddle cushion (rear)	3-872-576-0X



2-3. Notes for Replacing Parts

There are two kinds of types (gold and silver) in the parts below used in this unit.

- Flexible card wires
- Boards
- Connectors on the board (for flexible card wires)

When replacing the parts above, be sure to follow the instructions described in “2-3-1. Notes for Replacing the Flexible Card Wire”, “2-3-2. Notes for Replacing the Board”, and “2-3-3. Notes for Replacing the Connector on the Board”. Be sure to use the specified parts. Using un-specified parts causes the change in the characteristics of this unit and the unit does not work properly.

Spare parts are listed in the spare parts list of “Spare Parts” Section. In the spare parts list, (GOLD) or (SILVER) is put after each part name to distinguish two kinds of types (gold and silver).

2-3-1. Notes for Replacing the Flexible Card Wire

When replacing the flexible card wires listed below, confirm the conductive (terminal) part color of the flexible card wires and follow the procedure below.

1. Replace the flexible card wire with a flexible card wire whose conductive part is gold when the conductive part of a flexible card wire is gold.

Note

- For the board on which a connector whose contact surface is gold is used, “G” is put after the board name by silk-screen printing or a “G” seal is attached to the empty space on the board. Example: AT-146G
2. Replace the flexible card wire with a flexible card wire whose conductive part is silver when the conductive part of a flexible card wire is silver. In this case, silk “G” or a “G” seal is not put on the board name.

When the conductive part is gold

Board	Flexible card wire		Board
	Pin	Gold: Parts No.	
AT-164G	30	1-831-132-11	SW-1232G

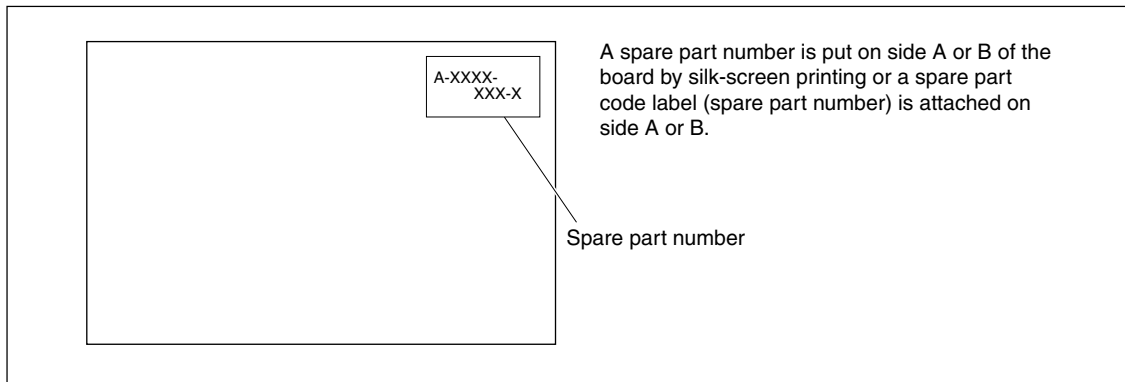
When the conductive part is silver

Board	Flexible card wire		Board
	Pin	Silver: Parts No.	
AT-164	30	1-823-558-11	SW-1232

2-3-2. Notes for Replacing the Board

Replace the board with a board of the same number as the spare part number of the board to be removed when replacing a board.

Example: A spare part number is put on the board.



2-3-3. Notes for Replacing the Connector on the Board

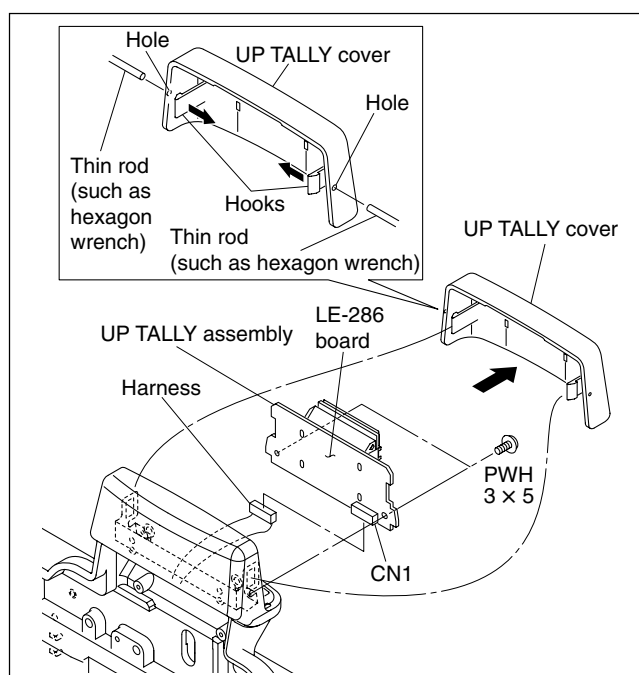
There are two types of connectors for the flexible card wire mounted on the board used in this unit. Distinguish them in the procedure below when replacing these connectors.

1. The contact surface of the connector used for a board is gold when the conductive part of a flexible card wire is gold.
In a spare parts list, (GOLD) is put after the part name.
2. The contact surface of the connector used for a board is silver when the conductive part of a flexible card wire is silver.
In a spare parts list, (SILVER) is put after the part name.

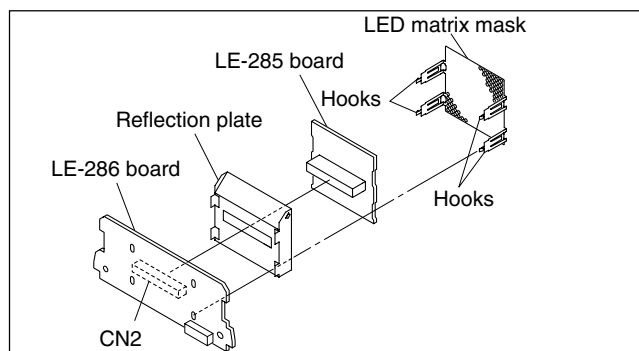
2-4. Removing/Installing the Boards

2-4-1. LE-285 Board/LE-286 Board (HDLA1500, HDLA1503, HDLA1505)

1. Remove the two hooks by inserting a thin rod (such as hexagon wrench) through the two holes of the UP TALLY cover.
2. Remove the UP TALLY cover in the direction of the arrow.
3. Remove the two screws and disconnect the harness from the connector (CN1) on the LE-286 board, then remove the UP TALLY assembly.



4. Remove the four hooks, then remove the LED matrix mask.
5. Remove the LE-285 board and reflection plate from the connector (CN2) on the LE-286 board.

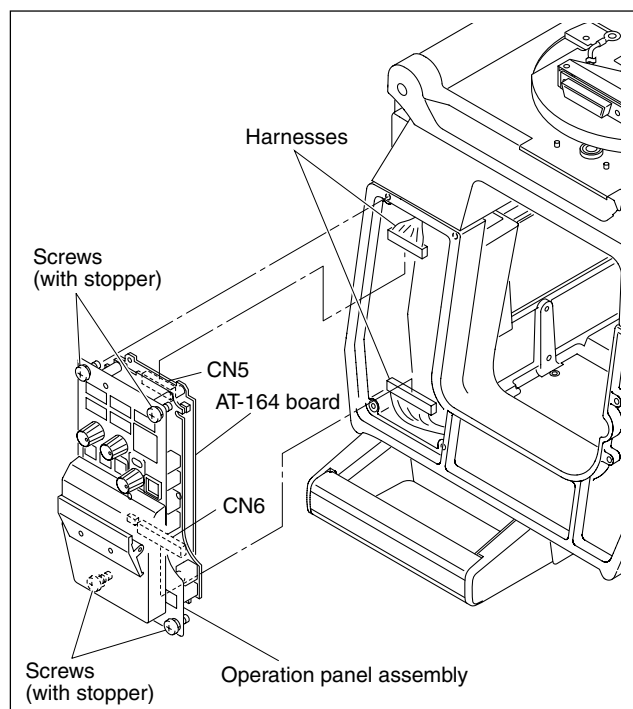


6. Install the LE-286 board and LED matrix mask in the reverse order of steps 1 to 5.

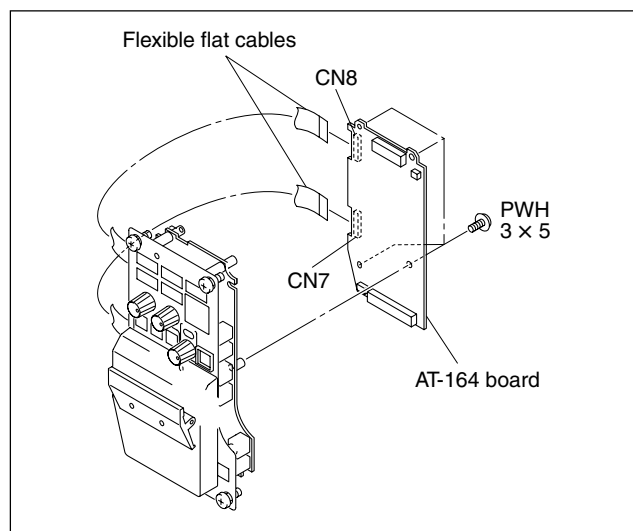
2-4 (E)

2-4-2. AT-164 Board/SW-1232 Board

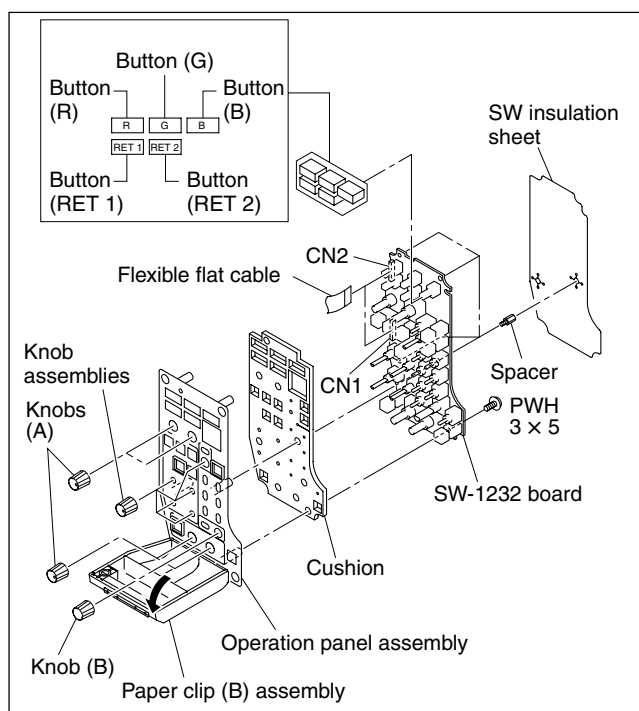
1. Loosen the four screws (with stopper), then remove the operation panel assembly.
2. Disconnect the two harnesses from the connectors (CN5 and CN6) on the AT-164 board.



3. Remove the AT-164 board.
 - (1) Remove the four screws, then remove the AT-164 board.
 - (2) Disconnect the two flexible flat cables from the connectors (CN7 and CN8) on the AT-164 board.



4. Remove the SW-1232 board.
 - (1) Remove the SW insulation sheet.
 - (2) Open the paper clip (B) assembly in the direction of the arrow.
 - (3) Remove the five knob assemblies, four knobs (A) and knob (B).
 - (4) Remove the screw and four spacers, then remove the operation panel assembly and cushion.
 - (5) Disconnect the two flexible flat cables from the connectors (CN1 and CN2) on the SW-1232 board.
 - (6) When replacing the SW-1232 board with the new board, remove the button (R), button (G), button (B), button (RET1) and button (RET2), then attach them to the new board.



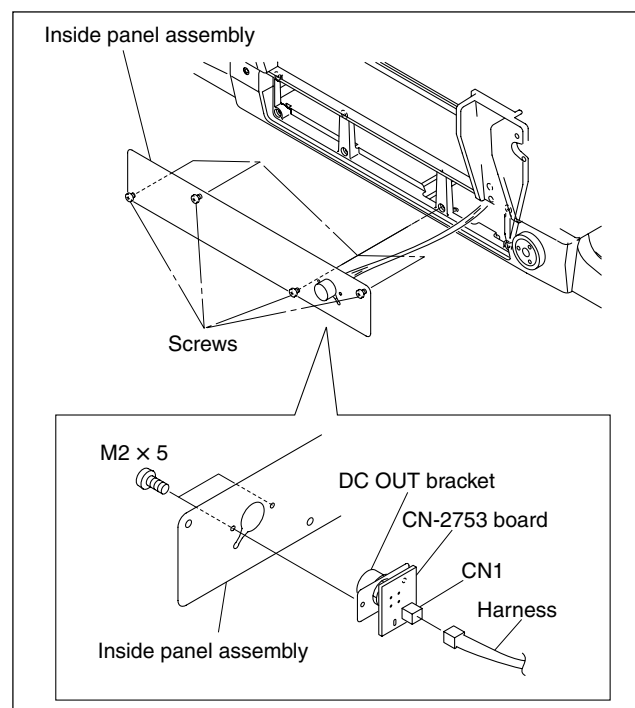
5. Install the AT-164 board and SW-1232 board in the reverse order of steps 1 to 4.

Note

When attaching the operation panel assembly, be careful not to catch the harness.

2-4-3. CN-2753 Board

1. Loosen the four screws, then pull out the inside panel assembly.
2. Remove the two screws (M2 × 5), then remove the CN-2753 board.
3. Disconnect the harness from the connector (CN1) on the CN-2753 board, then remove the DC OUT bracket.



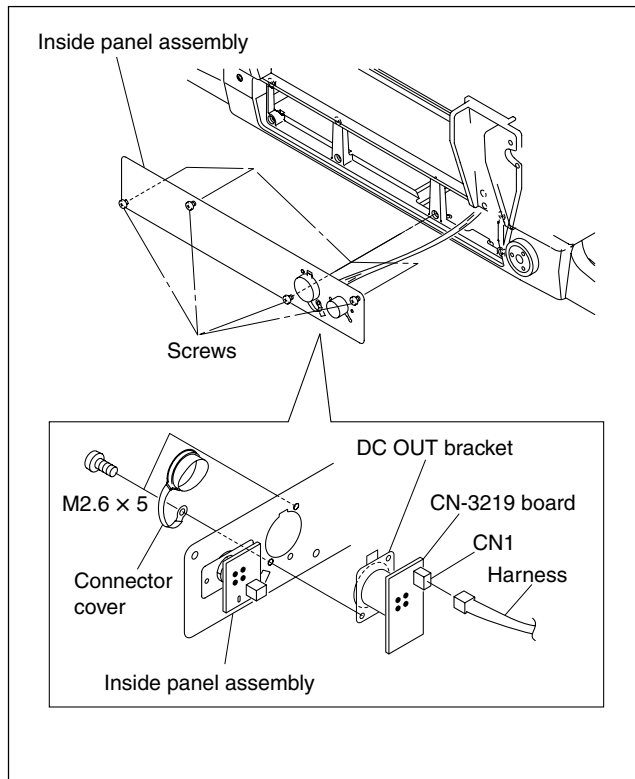
4. Install the CN-2753 board in the reverse order of steps 1 to 3.

2-4-4. CN-3219 Board

The CN-3219 board is accepted in the following serial number.

S/N 11001 and Higher:	HDLA1505 (JN)
S/N 13001 and Higher:	HDLA1500 (JN)
S/N 41001 and Higher:	HDLA1505 (CE)
S/N 43001 and Higher:	HDLA1500 (JN)
S/N 52001 and Higher:	HDLA1503 (CN)
S/N 101001 and Higher:	HDLA1507 (JN)
S/N 401001 and Higher:	HDLA1505/1507 (CE)

1. Loosen the four screws, then pull the inside panel assembly out.
2. Remove the two screws (M2.6 × 5), then remove the CN-3219 board.
3. Disconnect the harness from the connector (CN2) on the CN-3219 board.



4. Install the CN-3219 board in the reverse order of steps 1 to 3.

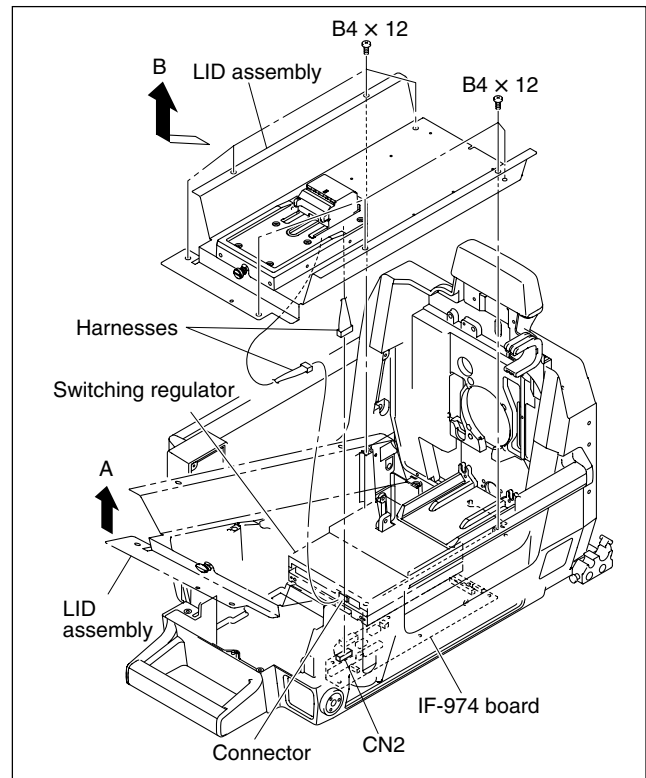
2-4-5. Replacing the Switching Regulator

The switching regulator is accepted in the following serial number.

S/N 10001 through 11999:	HDLA1505 (JN)
S/N 10001 through 13999:	HDLA1500 (JN)
S/N 40001 through 41999:	HDLA1505 (CE)
S/N 40001 through 43999:	HDLA1500 (CE)
S/N 50001 through 52999:	HDLA1503 (CN)
S/N 100001 through 119999:	HDLA1507 (JN)
S/N 400001 through 419999:	HDLA1505/1507 (CE)

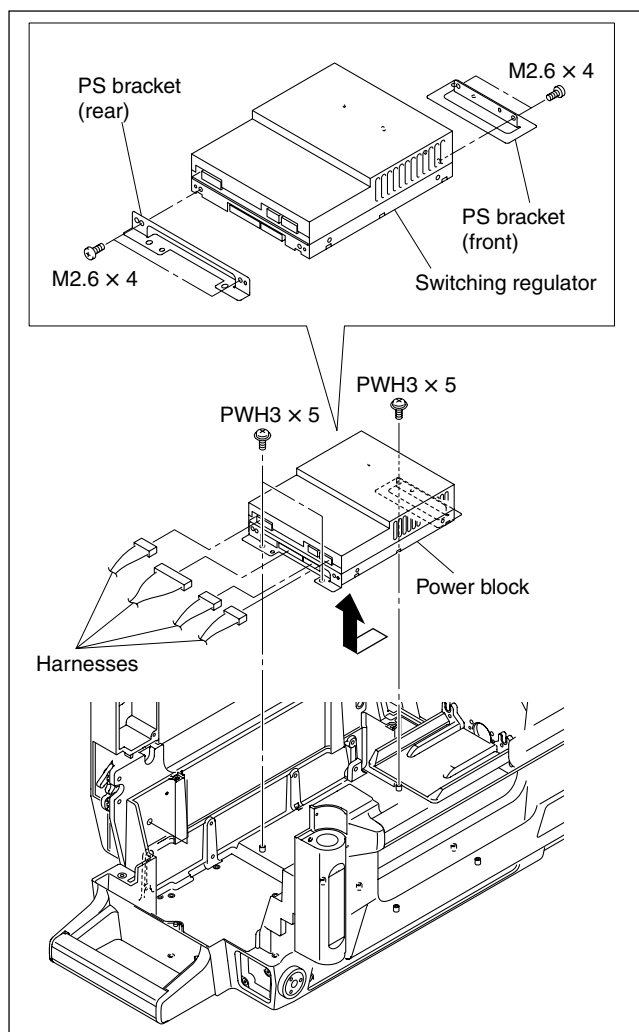
Removal

1. Remove the eight screws, then pick up the rear side of the LID assembly in the direction of the arrow A.
2. Disconnect the harness from the connector (CN2) on the IF-974 board and disconnect the harness from the connector of the switching regulator.
3. Remove the LID assembly in the direction of the arrow B.



* The illustration indicates HDLA1500/1503/1505.

4. Remove the three screws (PWH3 × 5), then remove the power block in the direction of the arrow.
5. Disconnect the four harnesses from the connector of the switching regulator.
6. Remove the four screws (M2.6 × 4), then remove the switching regulator.

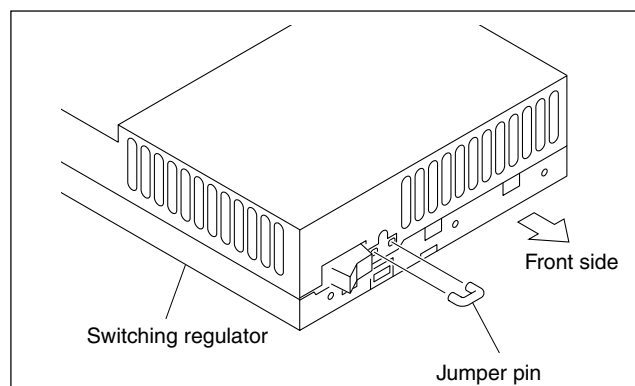


Installation

7. Remove the jumper pin from the new switching regulator.

Note

Reject the jumper pin which is removed.



8. Set the switch to the right side.
9. Attach the switching regulator in the reverse order of steps 1 to 6.

2-4-6. Replacing the Power Block Assembly (A80)

The power block assembly (A80) is accepted in the following serial number.

S/N 12001 and Higher: HDLA1505 (JN)

S/N 14001 and Higher: HDLA1500 (JN)

S/N 42001 and Higher: HDLA1505 (CE)

S/N 44001 and Higher: HDLA1500 (CE)

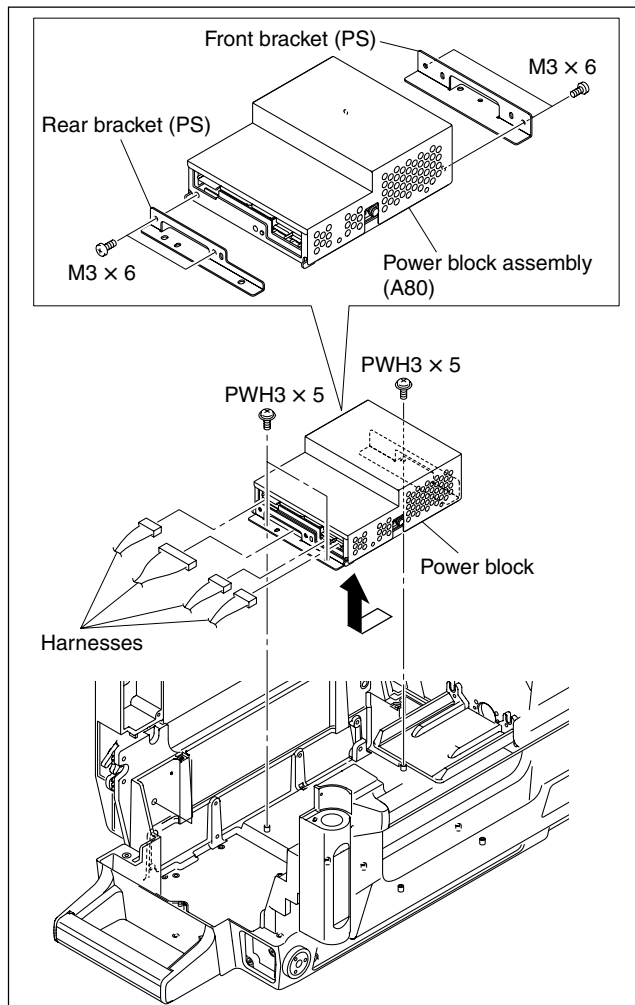
S/N 53001 and Higher: HDLA1503 (CN)

S/N 120001 and Higher: HDLA1507 (JN)

S/N 420001 and Higher: HDLA1505/1507 (CE)

Removal

1. Remove the LID assembly. (Refer to steps 1 to 3 of Section 2-4-5.)
2. Remove the three screws (PWH3 × 5), and then remove the power block in the direction of the arrow.
3. Disconnect the four harnesses from the connectors of the power block assembly (A80).
4. Remove the four screws (M3 × 6), and then remove the power block assembly (A80).

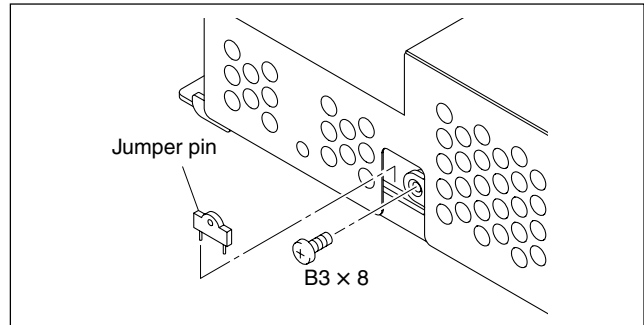


Installation

5. Remove the screw (B3 × 8), and then remove the jumper pin from the new power block assembly (A80).

Note

Reject the jumper pin which is removed.



6. Set the switch to the right side.
7. Attach the power block assembly (A80) in the reverse of steps 1 to 4.

When the switching regulator has been replaced with a power block assembly (A80)

The PS bracket (rear) and PS bracket (front) which were removed from the switching regulator cannot be installed in the power block assembly (A80).

Necessary part

- Rear bracket (PS)
Part No.: 4-191-655-01
- Front bracket (PS)
Part No.: 4-191-654-01
- Screw (M3 × 6) 4 pcs.
Part No.: 4-382-854-51

Prepare the necessary parts, and then replace the switching regulator with the power block assembly (A80) with refer to section 2-4-5 and section 2-4-6.

2-5. Removing/Installing the Flexible Card Wire

The flexible card wires are used for the connection between the AT-164 and SW-1232 boards. Take care not to bend the flexible card wires. This shortens the wire life.

Removal

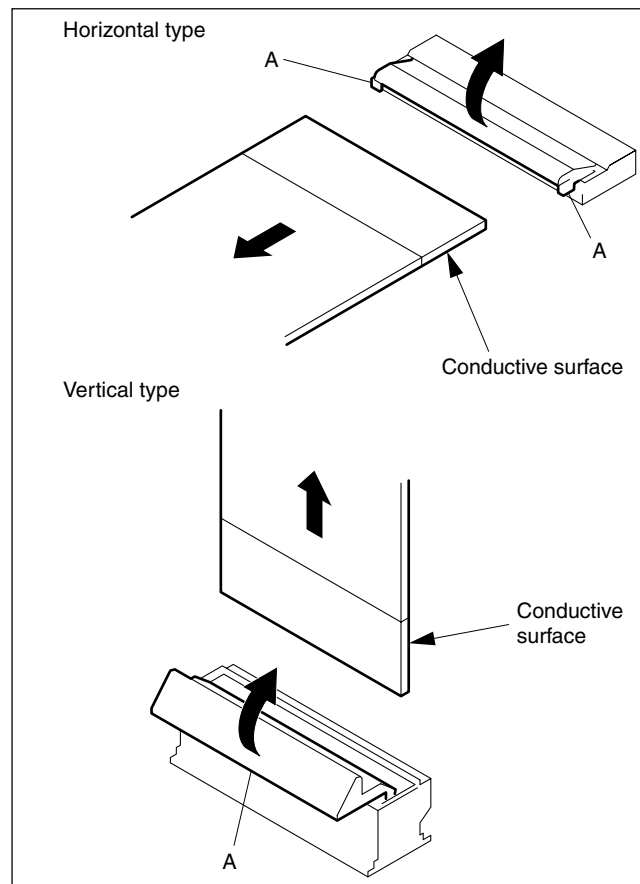
1. Turn off the power of the camera control unit or camera.
2. Slide portion A in the direction of the arrow and pull out the flexible card wire.

Installation

Caution during installation

- Be careful not to insert the flexible card wire obliquely.
- Check that the conductive surface of the flexible card wire is not soiled with dust.

1. Insert the flexible card wire firmly into a connector.
2. Pull portion A in the opposite direction to the arrow and lock the connector.



2-6. Adjustment of Camera Height (HDLA1500, HDLA1503, HDLA1505)

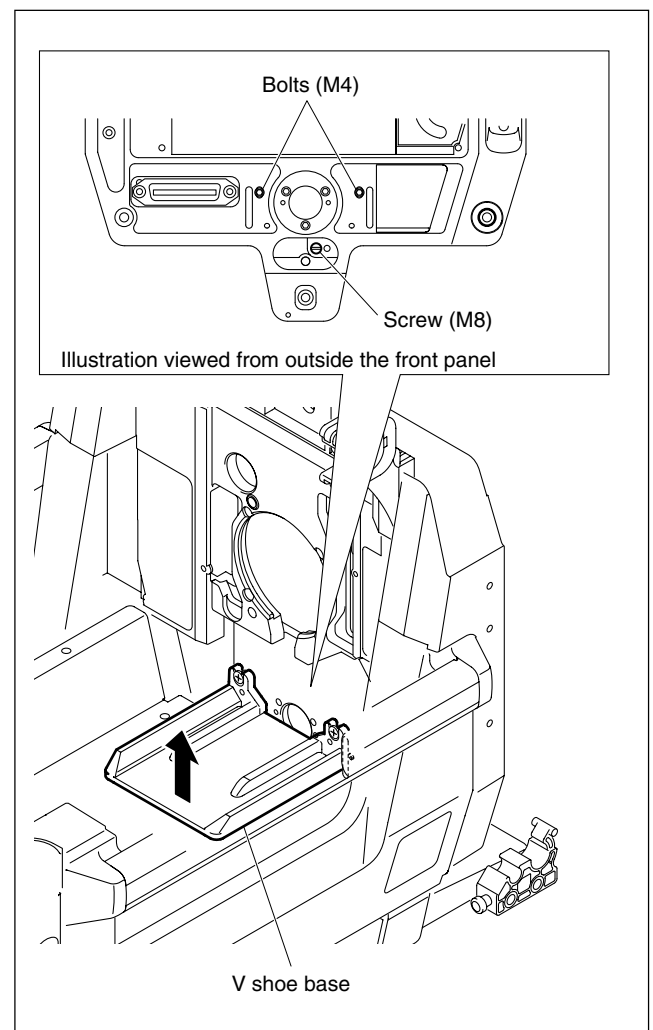
Perform the adjustment in the following procedures when the camera cannot be smoothly set to the adapter.

Front side

Perform the adjustment in the following conditions.

- The camera is attached.
- The lens is not attached.

1. Loosen the two bolts (M4).
2. Turn the screw (M8) in the clockwise direction to raise the V shoe base, then leave no space between the camera and V shoe base.
3. Turn (1/6) the screw in the counterclockwise direction.
4. Tighten the loosened two bolts (M4).
5. Check that the camera can be attached and detached smoothly.



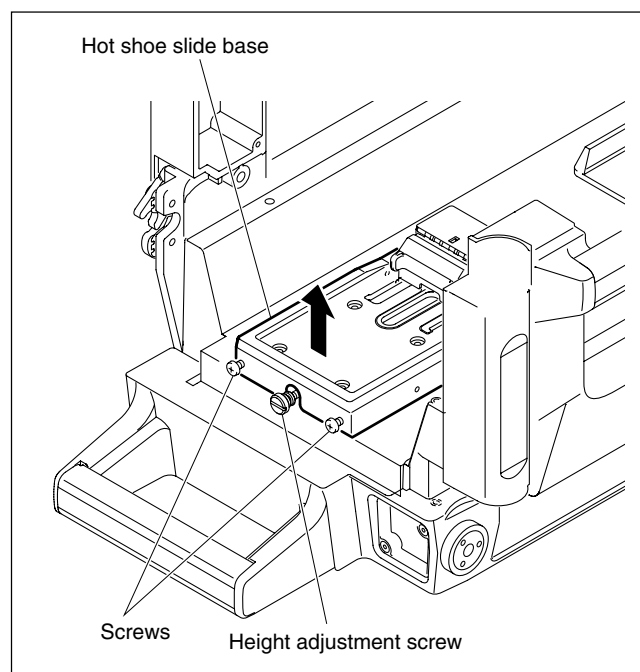
Note

Perform the adjustment on the rear panel described below when the adjustment on the front panel is not sufficient for the height adjustment. The V shoe base may be excessively raised when a camera cannot be put at first. Lower the height of the V shoe base once and perform the adjustment again.

Rear side

Perform the adjustment in the following conditions.

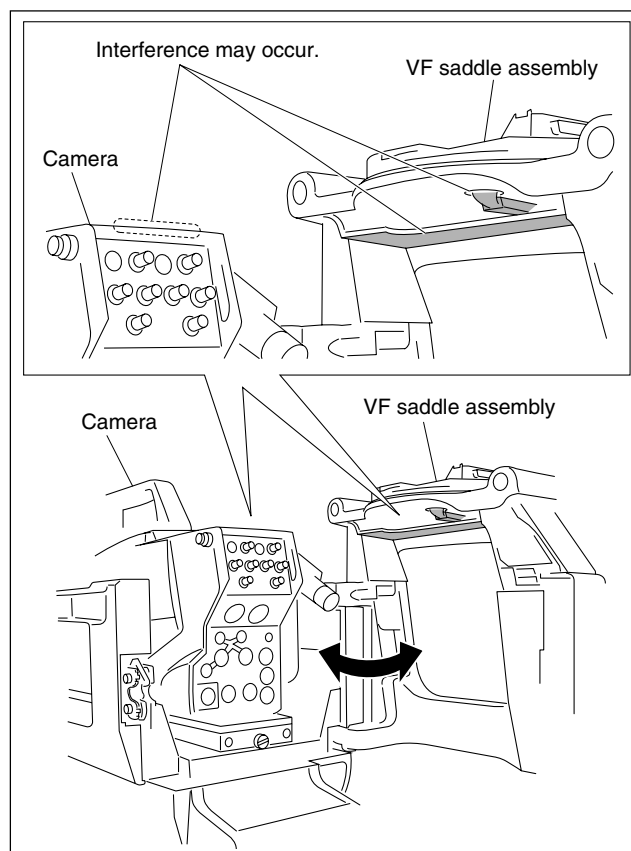
- The camera is attached.
 - The lens is attached.
1. Loosen the two screws (M5).
 2. Turn the height adjustment screw in the clockwise direction to raise the hot shoe slide base.
 3. Raise the hot shoe slide base to the point where the camera can be smoothly detached.



4. Tighten the loosened two screws.
5. Check that the saddle can be opened and closed with the camera (lens attached) attached.

Note

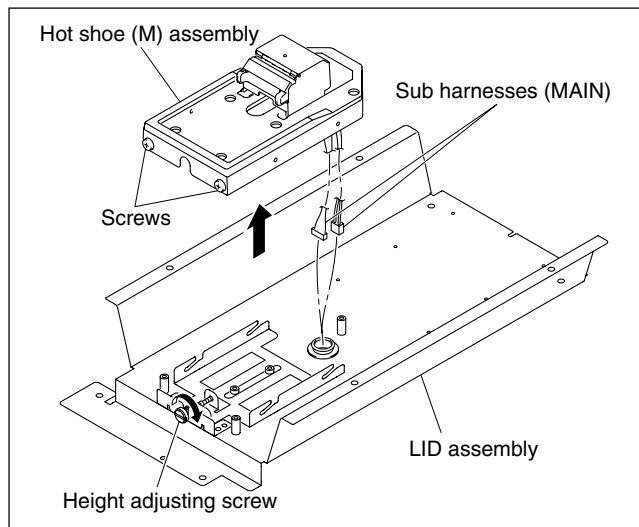
If the camera is raised excessively, it may interfere with the parts of VF saddle assembly.

**2-7. Replacing the Sub Harness (MAIN)****Note**

The smooth sheet cannot be reused once it is removed. When attaching the smooth sheet, use the new one.

Removal

1. Remove the LID assembly.
(Refer to steps 1 to 3 of Section 2-4-4.)
2. Loosen the two screws (M5).
3. Rotate the height adjusting screw fully clockwise (↻).
4. Pull out the hot shoe (M) assembly upward.



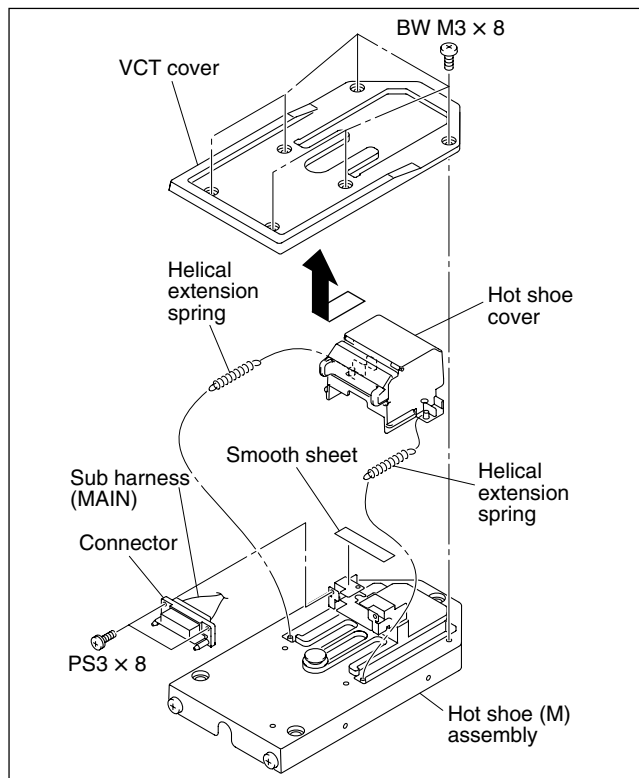
* The illustration indicates HDLA1500/1503/1505.

5. Remove the six screws of the VCT cover.

Note

When removing the VCT cover, be careful of the spring because it may pop out.

6. Remove the VCT cover by sliding it in the direction of the arrow.
7. Remove the two helical extension springs.
8. Pull out the hot shoe cover upward.
9. Remove the smooth sheet from the hot shoe (M) assembly.
10. Remove the two screws, then pull out the connector.



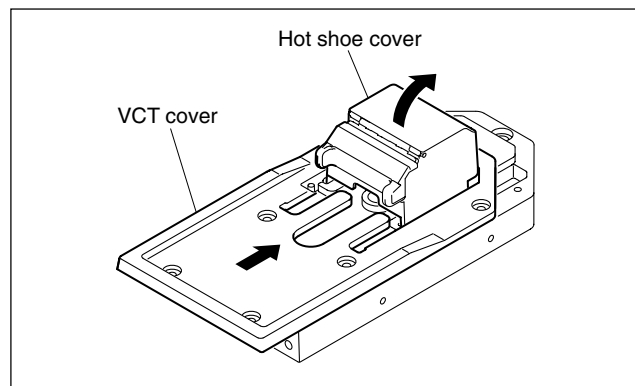
HDLA1500/1503/1505/1507

Installation

11. Assemble the unit in the reverse order of steps 4 to 10.

Note

When attaching the VCT cover, slightly raise the hot shoe cover.



12. Rotate the height adjusting screw fully counterclockwise (↺).
13. Tighten the two screws (M5).
14. Attach the LID assembly.

(Refer to steps 3 to 1 of Section 2-4-4.)

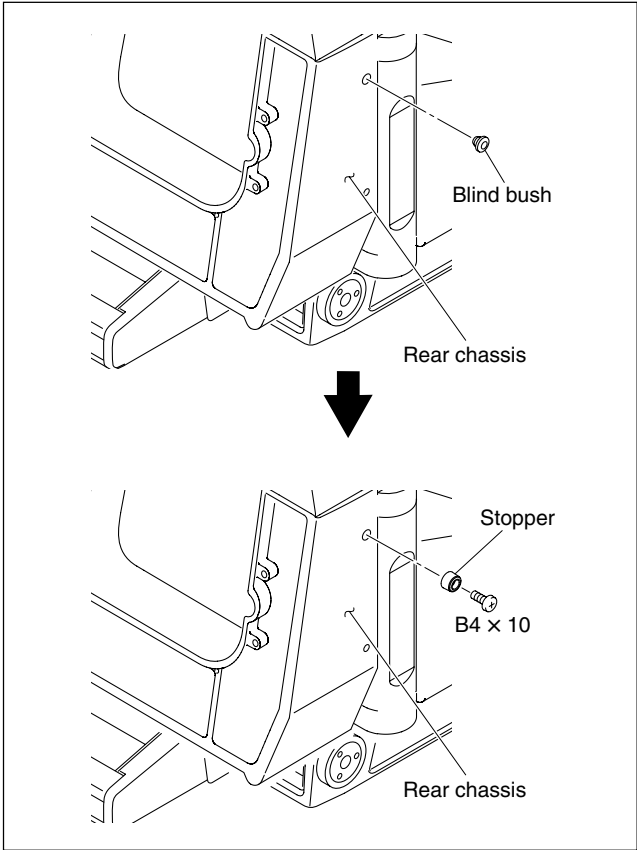
Note

When running the harness through the hole of the LID assembly, be careful not to catch the harness.

**2-8. Installing the Stopper
(HDLA1500, HDLA1507)**

When using with the viewfinder HDVF-9900, attach the supplied stopper to the rear chassis.

- 1. Remove the blind bush from the rear chassis.
- 2. Attach the stopper with the screw.



**2-9. Utility Output (AC Output Terminal)
(HDLA1500, HDLA1505, HDLA1507)**

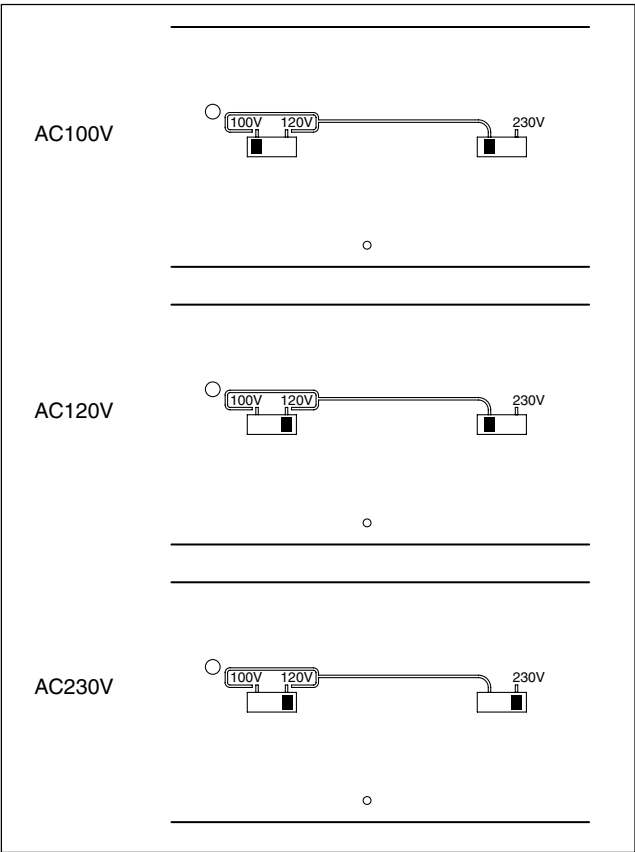
2-9-1. Voltage Setting

A utility output voltage can be set by the method below.
Set the output voltage to the voltage corresponding to the rated voltage of equipment to be connected.

Note

Use a flat-bladed screwdriver or tweezers when setting a voltage.

Set voltage



2-9-2. Precaution

Notes

- The utility output is used during maintenance service. Persons other than a service engineer must not use the utility output.
- Remove the outlet cover when using the utility output.
- The utility output varies depending on the destination.

2-10. Circuit Protective Elements

The positive characteristic thermistor (for power supply) functions as a circuit protective element on the AT-164 and IF-974 boards of the unit. The thermistor increases the internal resistance and limits the current flowing to the circuits when an overcurrent flows or when the ambient temperature increases and the element reaches the specified temperature. If the element operates, turn off the main power and inspect the internal circuit of this unit. After removing the cause of the equipment abnormality and the temperature of the element decreases, turn on the power again, and the unit operates normally. It takes about 1 minute for the elements to cool down after the main power is turned off.

Board	Sony parts No.	Ref. No.	Protective circuit/ equipment
AT-164	△ 1-804-458-21	THP1	Circuit inside the board
	△ 1-804-616-11	THP2	Circuit inside the board
IF-974	△ 1-804-616-11	THP1	Circuit inside the board
	△ 1-803-615-21	THP2	Circuit inside the board
	△ 1-803-615-21	THP3	Circuit inside the board
PS-763	△ 1-803-615-21	THP200	Circuit inside the board

2-11. Circuit Protective Parts (Fuse)

This unit has a fuse for circuit protection.

A fuse will blow when abnormality occurs and an overcurrent flows in this equipment.

Be sure to replace an old fuse with the specified fuse as shown below after removing the foreign substances that may cause the shorts.

WARNING

A fuse is critical parts to safe operation.

Replace this component with SONY parts whose part numbers appear in this manual published by SONY.

If not, this may cause a fire or electric shock. Be sure to use specified component in this manual.

Board	Part No.	Ref. No.	Part name
CN-3219	△ 1-576-232-51	F1	H.B.C fuse 5A, 250V
IF-974	△ 1-576-226-51	F101	H.B.C fuse 1.25 A/250 V
	△ 1-576-229-51	F103	H.B.C fuse 2.5 A/250 V
PS-763	△ 1-576-659-11	F100	Fuse 5 A/250 V
	△ 1-523-143-11	F101	H.B.C fuse 6.3 A/500 V AC, 400 V DC
PS-766	△ 1-576-566-21	F1400	Fuse (SMD) 15 A/65 V

2-12. Notes on Replacing the Parts and Repairing

2-12-1. Unleaded Solder

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

 : LEAD FREE MARK

Notes

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

2-12-2. Notes on Repair Parts

1. Safety Related Components Warning

WARNING

Components marked $\triangle$ 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.

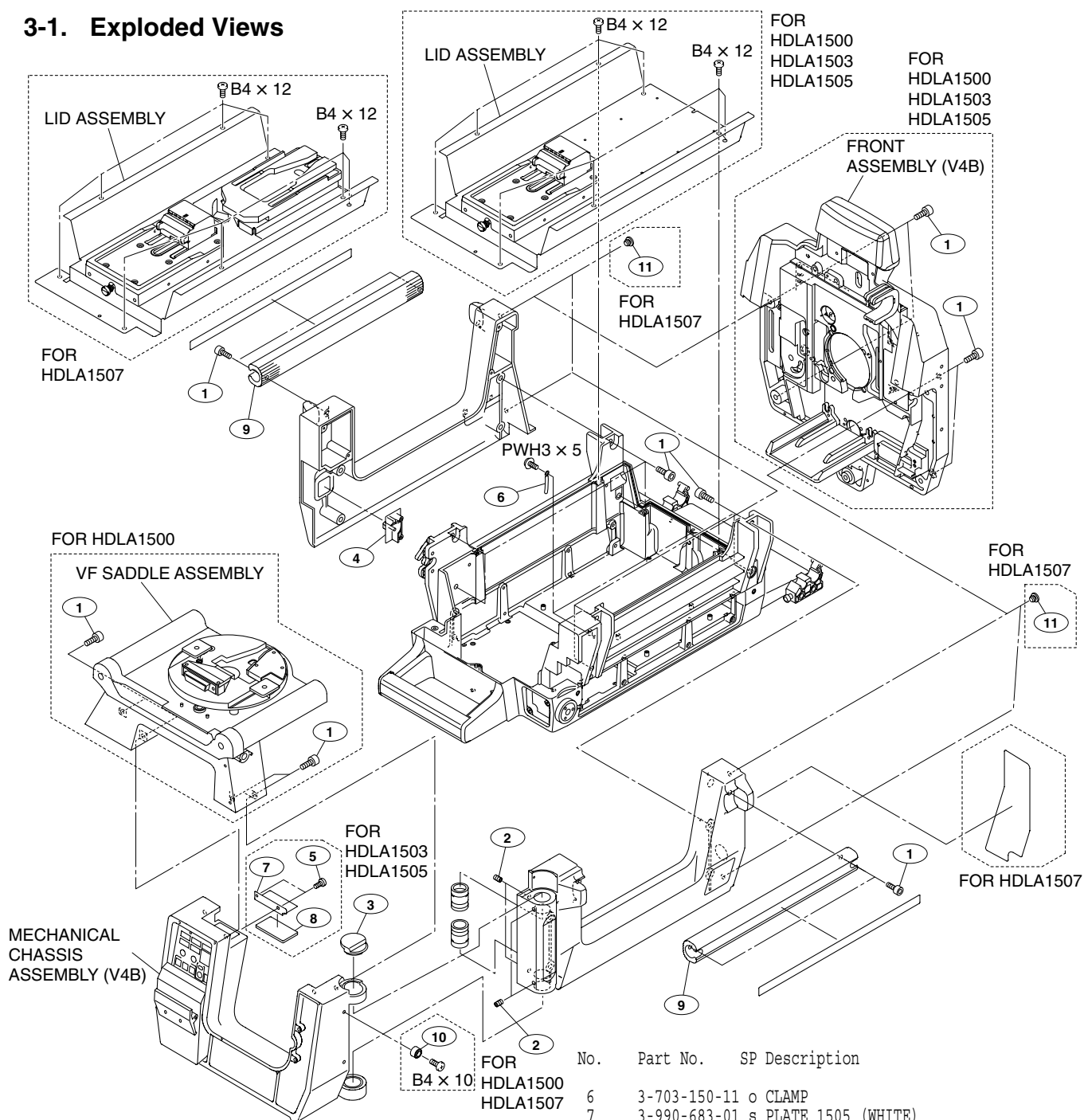
4. Harness

Harnesses with no part number are not registered as spare parts.

Section 3

Spare Parts

3-1. Exploded Views



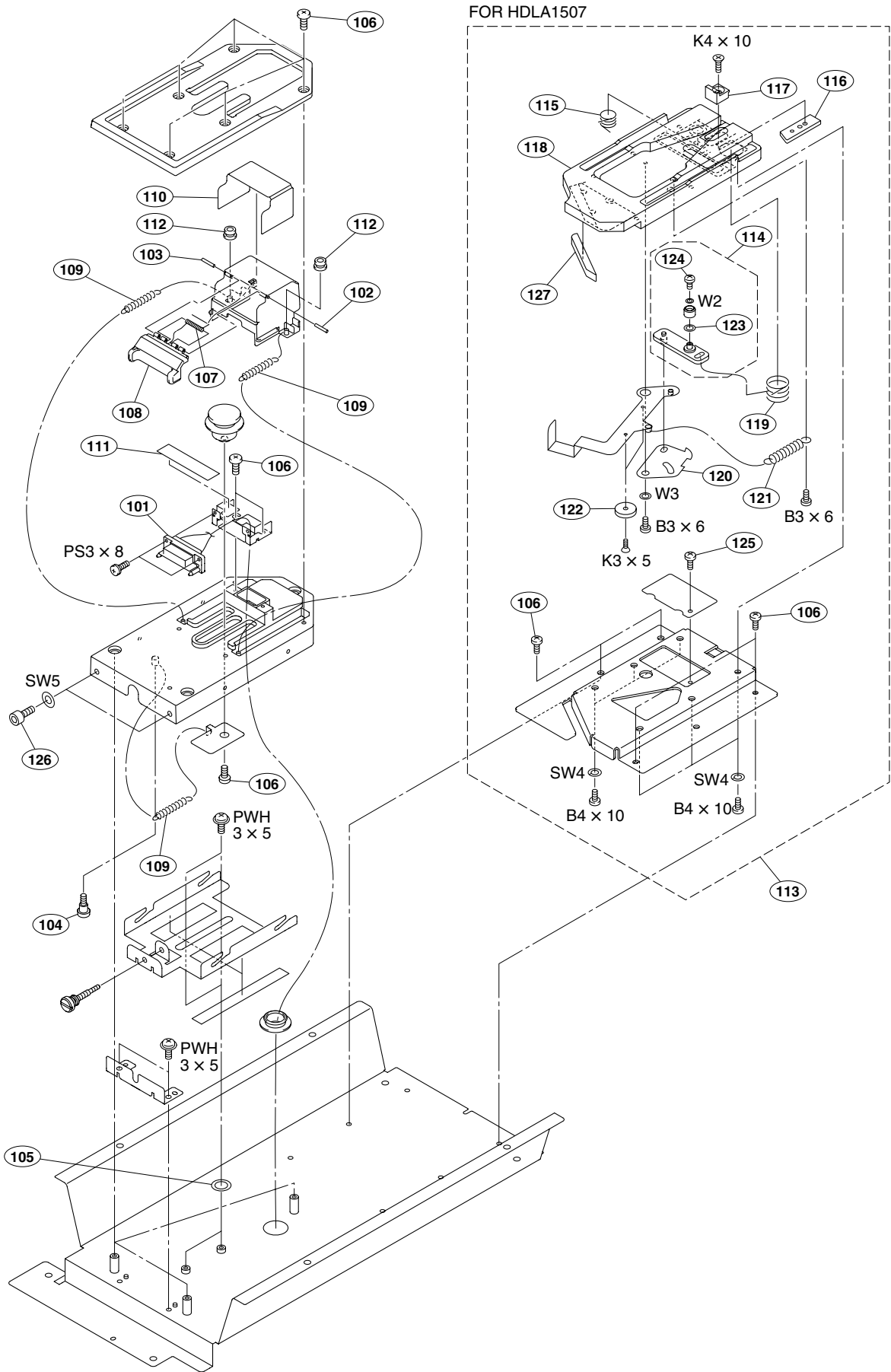
No. Part No. SP Description

1	2-391-520-21	s BOLT (M5X12), HOLE, HEXAGON (ST)
2	3-701-510-00	s SET-SCREW, HEXAGON 4X4 (WP) ST
3	3-872-425-01	s CAP UPPER (WHITE) (FOR HDLA1500/HDLA1503/HDLA1505)
	3-872-425-11	s CAP UPPER (BLACK) (FOR HDLA1500/HDLA1505/HDLA1507)
4	3-872-428-01	s SNACH KNOB (WHITE) (FOR HDLA1500/HDLA1503/HDLA1505)
	3-872-428-11	s SNACH KNOB (BLACK) (FOR HDLA1500/HDLA1505/HDLA1507)
5	3-719-159-02	s SCREW (M3), +BW (STEEL) (FOR HDLA1503/HDLA1505)

No.	Part No.	SP Description
6	3-703-150-11	o CLAMP
7	3-990-683-01	s PLATE 1505 (WHITE) (FOR HDLA1503/HDLA1505)
	3-990-683-11	s PLATE 1505 (BLACK) (FOR HDLA1503/HDLA1505)
8	3-990-684-01	s CUSHION 1505 (FOR HDLA1503/HDLA1505)
9	3-872-442-11	s HANDLE (FOR HDLA1507)
10	3-100-881-01	s STOPPER (FOR HDLA1500/HDLA1507)
11	3-673-018-11	s SCREW, BLIND (FOR HDLA1507)
	7-682-562-09	s SCREW +B 4X10 (FOR HDLA1500/HDLA1507)
	7-682-563-09	s SCREW +B4X12
	7-682-903-01	s SCREW +PWH 3X5

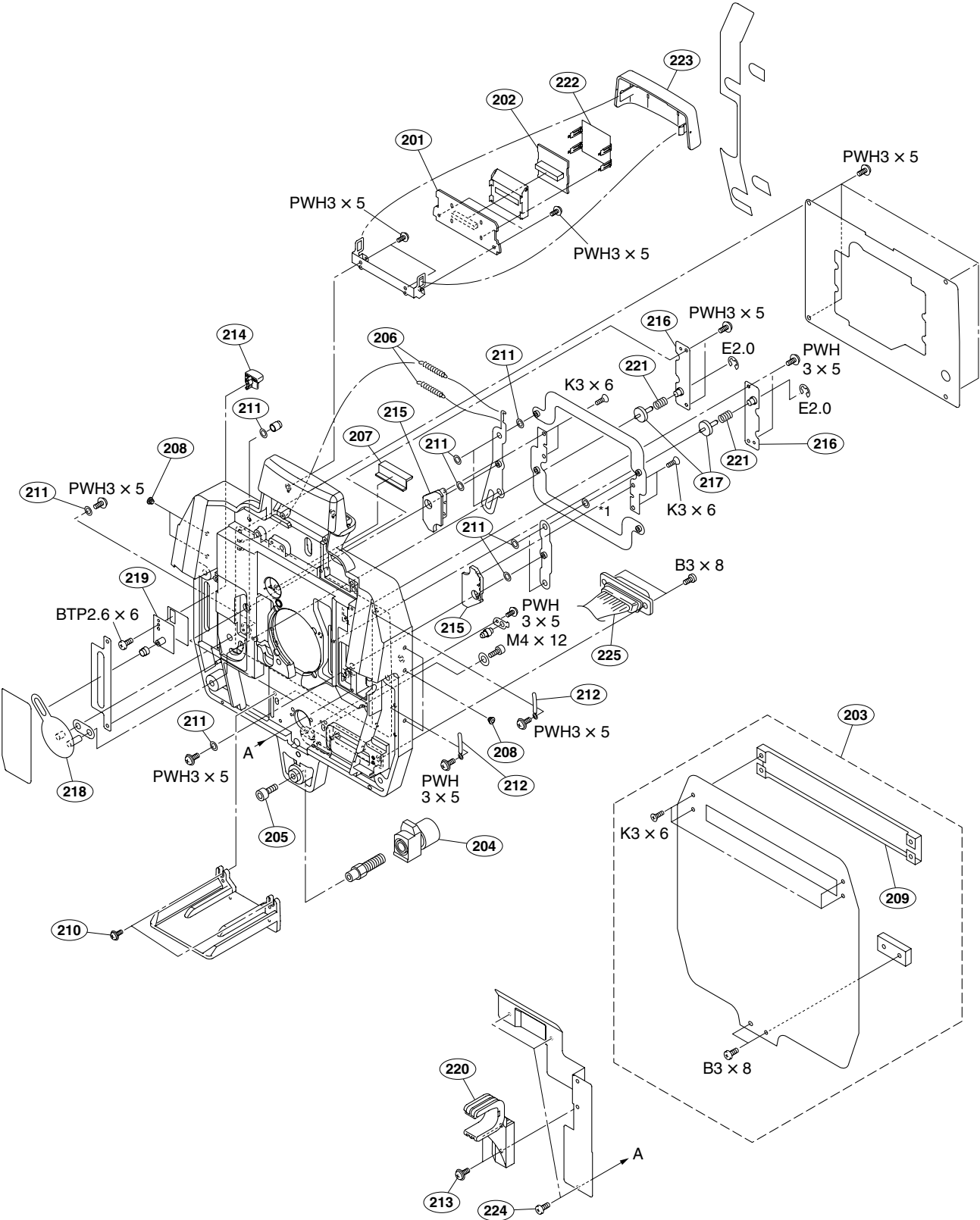
Lid Block

FOR HDLA1507



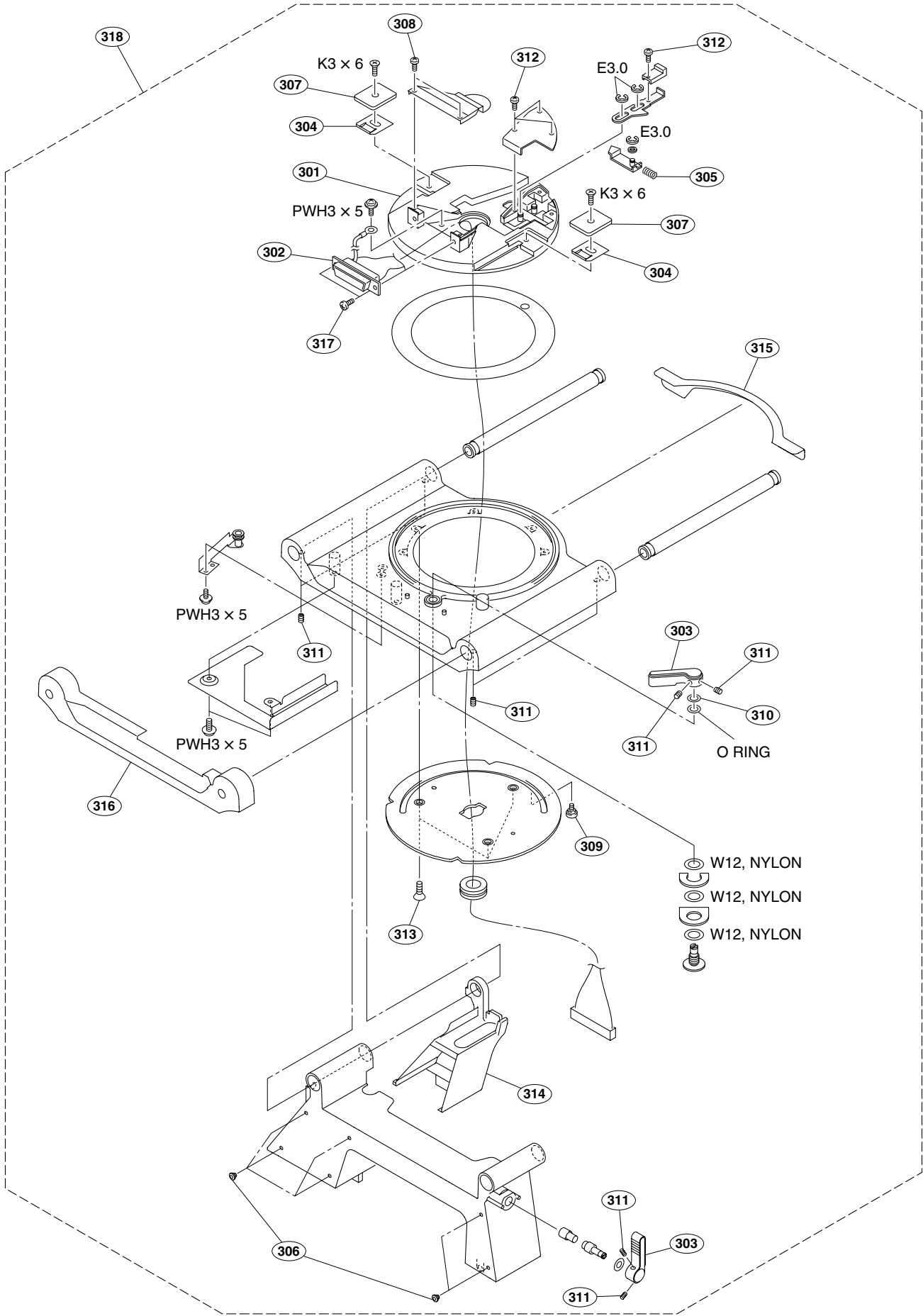
No.	Part No.	SP Description
101	1-963-933-11	s HARNESS, SUB (MAIN)
102	3-669-481-04	s PIN PARALLEL (1X12)
103	3-669-481-05	s PIN (DIA. 1X15), PARALLEL
104	3-694-825-12	s SCREW M3 STEP,SPECIAL HEAD ST
105	3-701-444-01	s WASHER PLASTIC (6.2X9.5X0.13)
106	3-719-159-02	s SCREW (M3), +BW (STEEL)
107	3-872-421-01	s SPRING,TORSION(M)
108	3-872-438-01	s HOT SHOE DOOR
109	3-872-444-01	s SPRING,EXTENSION
110	3-872-487-01	s SHEET,PROTECT HOT SHOE
111	3-903-994-01	s SHEET,SMOOTH
112	3-993-634-01	s FLANGE-SPACER
113	A-1248-343-A	s VCT1507 ASSY (FOR HDLA1507)
114	A-8277-622-A	o ARM ASSY, SLIDE (FOR HDLA1507)
115	2-381-638-03	o SPRING (FOR HDLA1507)
116	2-381-640-03	o DOG (FOR HDLA1507)
117	2-381-641-01	o COLLAR (FOR HDLA1507)
118	2-381-642-02	o MOUNT (FOR HDLA1507)
119	2-381-637-02	o SPRING (FOR HDLA1507)
120	2-381-632-02	o ARM, LOCKER (FOR HDLA1507)
121	2-381-652-01	o SPRING, TENSION (FOR HDLA1507)
122	2-382-110-01	o LEG (FOR HDLA1507)
123	3-701-443-01	s WASHER, 5 (FOR HDLA1507)
124	3-713-786-51	s SCREW +P 2X3 (FOR HDLA1507)
125	4-654-273-02	s ACE (M2), LOCK (FOR HDLA1507)
126	2-391-520-21	s BOLT (M5X12), HOLE, HEXAGON
127	2-381-648-11	o INSULATOR, KNOB (FOR HDLA1507)
	7-623-212-22	s SPRING WASHER (5MM)
	7-623-210-22	s SW 4,TYPE 2
	7-682-246-04	s SCREW +K 3X5
	7-682-262-04	s SCREW +K 4X10
	7-682-547-09	s SCREW +B 3X6
	7-682-562-04	s SCREW +B 4X10
	7-682-648-01	s SCREW +PS 3X8
	7-682-903-01	s SCREW +PWH 3X5
	7-688-001-11	s W 2, MIDDLE
	7-688-003-11	s W 3, MIDDLE

Front Block (For HDLA1500/1503/1505)



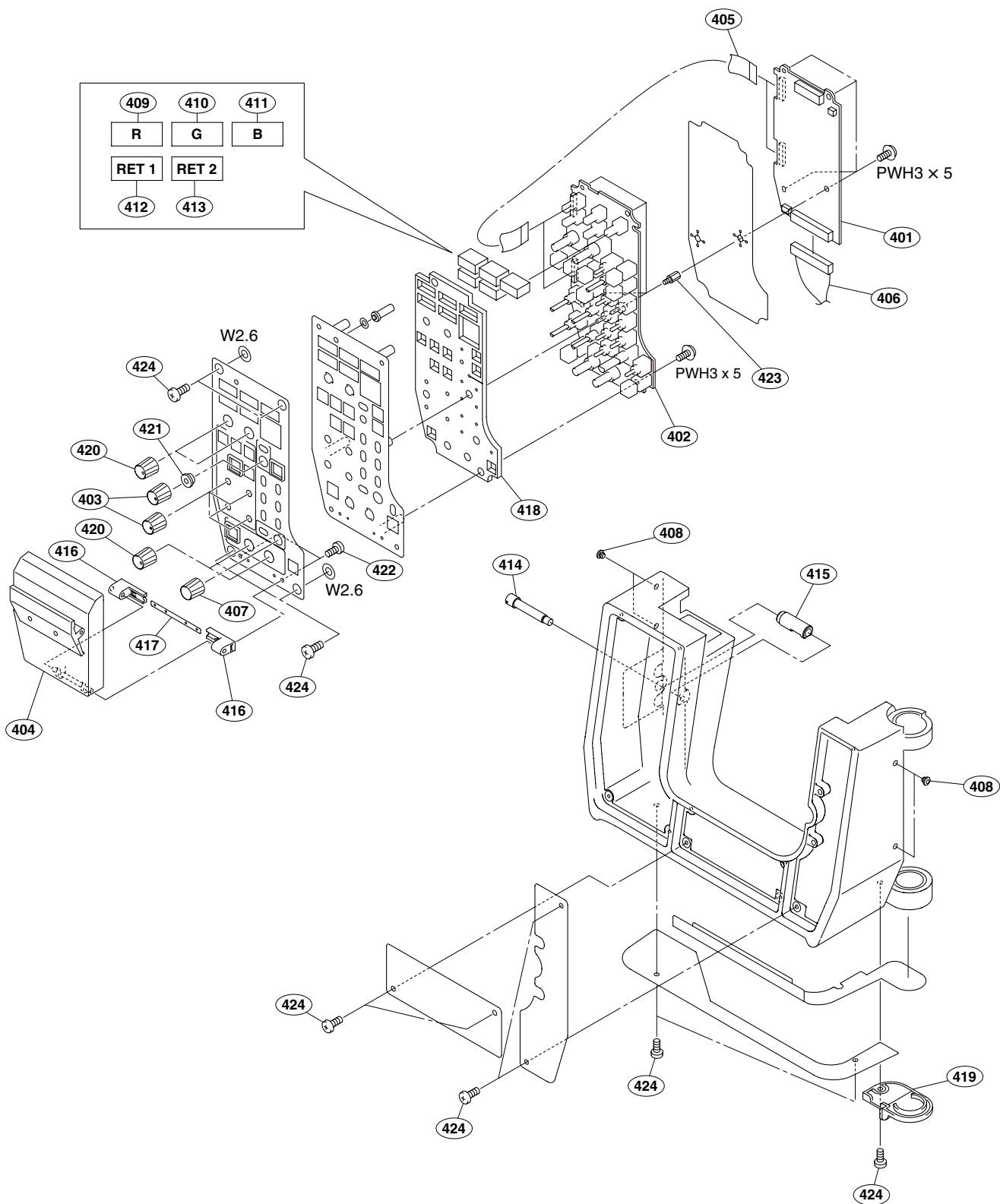
No.	Part No.	SP Description
201	A-1101-929-A	s MOUNTED CIRCUIT BOARD, LE-286
202	A-1126-979-A	s MOUNTED CIRCUIT BOARD, LE-285
203	A-7612-327-E	s COVER ASSY, FRONT
204	X-3692-305-3	o RETAINER ASSY, LENS
205	2-391-520-21	s BOLT (M5X12), HOLE, HEXAGON (ST)
206	3-437-289-01	s SPRING, TENSION
207	3-622-558-01	o RUBBER, PROTECTION
208	3-673-018-01	s SCREW, BLIND (WHITE) (PLA)
	3-673-018-11	s SCREW, BLIND (BLACK) (PLA)
209	3-692-573-04	s COVER, EDGE
210	3-694-825-12	s SCREW M3 STEP, SPECIAL HEAD ST
211	3-701-444-11	s WASHER PLASTIC (6.2X9.5X0.25)
212	3-703-150-11	o CLAMP
213	3-719-159-01	s SCREW (M3), +BW (STEEL) (WHITE) (FOR HDLA1500/HDLA1503/HDLA1505)
	3-719-159-02	s SCREW (M3), +BW (STEEL) (BLACK) (FOR HDLA1500/HDLA1505)
214	3-872-426-03	s LOCK KONB (WHITE)
	3-872-426-13	s LOCK KONB (BLACK)
215	3-872-427-02	s SLIDE HANGER
216	3-872-449-02	s PLUNGER PLATE
217	3-872-453-01	s PLUNGER
218	3-872-458-01	s LOCK LEVER
219	3-872-459-01	s LOCK LEVER PLATE
220	3-872-480-01	s CLAMP, HANDLE
221	3-872-493-01	s SPRING, COMPRESSION
222	3-872-517-01	s LED MATRIX MASK
223	3-872-521-01	s UP TALLY COVER
224	3-729-076-11	s SCREW (+B) (2X4) (WHITE) (FOR HDLA1500/HDLA1503/HDLA1505)
	4-654-273-02	s ACE (M2) LOCK (BLACK) (FOR HDLA1500/HDLA1505)
225	1-963-931-11	s HARNESS, SUB (LENS)
	7-623-210-22	s SPRING WASHER (4MM)
	7-624-104-04	o STOP RING, E-2
	7-682-247-04	s SCREW +K 3X6
	7-682-548-04	s SCREW +B3X8
	7-682-903-01	s SCREW +PWH 3X5
	7-685-533-14	s SCREW +BTP2.6X6

VF Saddle Block (FOR HDLA1500/1507)



No.	Part No.	SP Description
301	X-3605-552-2	s RETAINER ASSY,PAN BASE
302	1-963-936-11	s HARNESS, SUB (VF)
303	3-185-886-04	s LEVER, PAN LOCK
304	3-613-969-02	o SPRING,EMC
305	3-634-355-02	s SPRING,COMPRESSION (STEEL)
306	3-673-018-11	s SCREW, BLIND (PLA)
307	3-692-332-01	o PLATE (A)
308	3-694-181-03	s AROCK PRECISION +P2.6 TYPE 1
309	3-694-825-11	s SCREW M3 STEP,SPECIAL HEAD ST
310	3-701-444-11	s WASHER PLASTIC (6.2X9.5X0.25)
311	3-701-510-00	s SET-SCREW,HEXGON 4X4 (WP) ST
312	3-719-381-01	s SCREW +P M2X4 (ZNBK) (LOCK)
313	3-729-072-01	s SCREW +K4X8 (STEEL)
314	3-872-432-01	s VF CABLE COVER
315	3-872-575-02	s CUSHION,SADDLE FRONT
316	3-872-576-02	s CUSHION,SADDLE REAR
317	4-654-273-02	s ACE (M2), LOCK
318	A-1128-416-A	s SADDLE ASSY, VF
	7-623-930-11	s WASHER 12, NYLON (PLASTIC)
	7-624-106-04	s STOP RING, TYPE-E3 (CZN-N4)
	7-624-209-00	s RING,O P-5
	7-682-247-04	s SCREW +K 3X6
	7-682-903-01	s SCREW +PWH 3X5

Control Panel Block



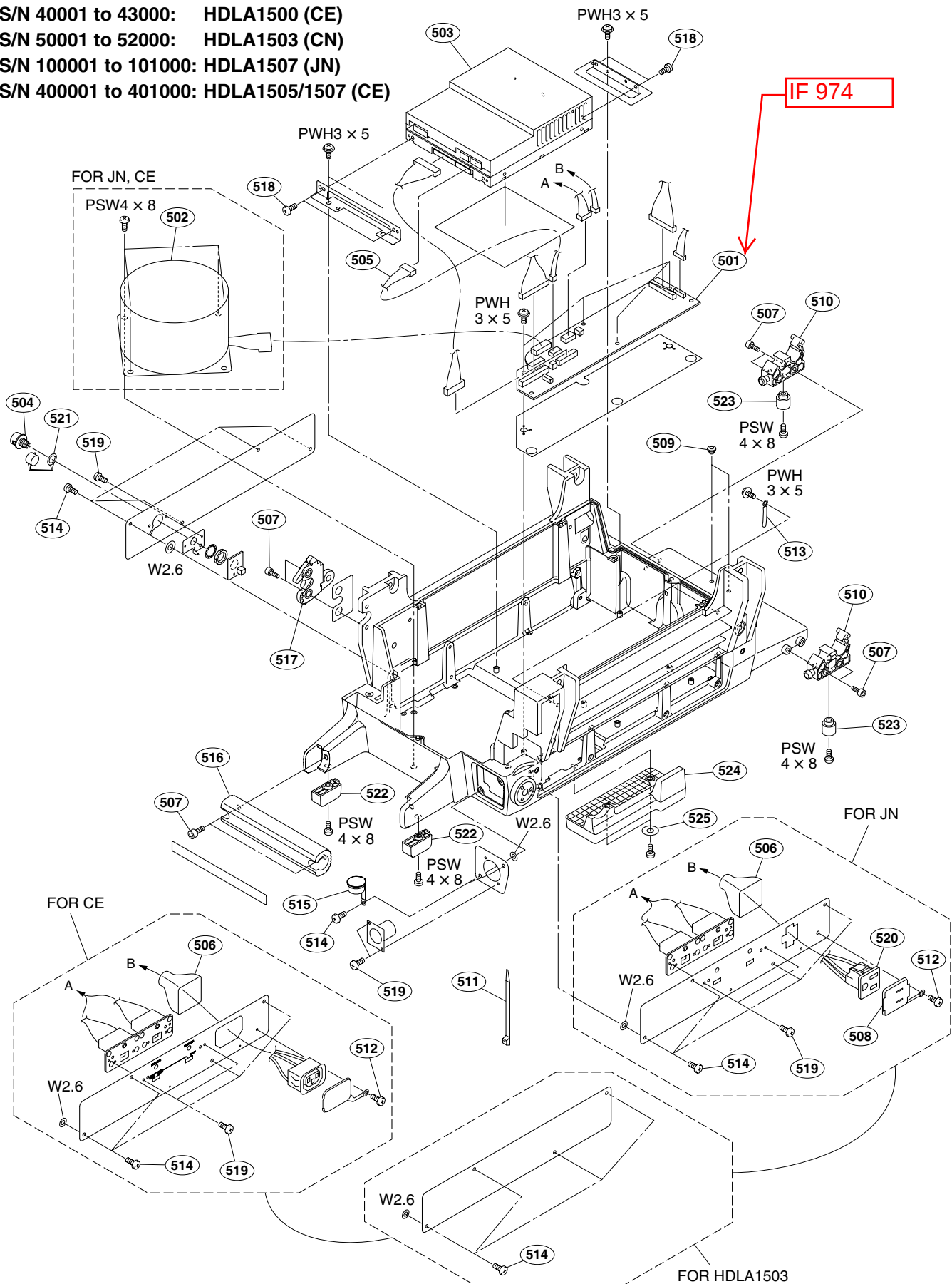
Note

When replacing the parts of numbers 401, 402, and 405, refer to Section 2-3.

No.	Part No.	SP Description
401	A-1159-997-A	s MOUNTED CIRCUIT BOARD, AT-164G (GOLD) (FOR HDLA1500/HDLA1503/HDLA1505)
	A-1101-930-A	s MOUNTED CIRCUIT BOARD, AT-164 (SILVER) (FOR HDLA1500/HDLA1505)
	A-1179-368-A	s MOUNTED CIRCUIT BOARD, AT-164GP (FOR HDLA1507)
402	A-1163-071-A	s MOUNTED CIRCUIT BOARD, SW-1232G (GOLD) (FOR HDLA1500/HDLA1503/HDLA1505)
	A-1101-931-A	s MOUNTED CIRCUIT BOARD, SW-1232 (SILVER) (FOR HDLA1500/HDLA1505)
	A-1179-370-A	s MOUNTED CIRCUIT BOARD, SW-1232GP (FOR HDLA1507)
403	X-3167-563-2	s KNOB (DIA.3) ASSY, VOLUME
404	X-3704-667-1	s PAPER CLIP ASSY (WHITE) (FOR HDLA1500/HDLA1503/HDLA1505)
	X-3704-700-1	s PAPER CLIP(B)ASSY (BLACK) (FOR HDLA1500/HDLA1505/HDLA1507)
405	1-831-132-11	s CABLE, FLEXIBLE FLAT (30 CORE) (GOLD) (FOR HDLA1500/HDLA1503/HDLA1505/HDLA1507)
	1-823-558-11	s CABLE, FLEXIBLE FLAT (30 CORE) (SILVER) (FOR HDLA1500/HDLA1505)
406	1-963-934-12	s HARNESS, SUB (PANEL-AT)
407	3-602-483-01	s KNOB,VOLUME 6
408	3-673-018-01	s SCREW, BLIND (WHITE) (PLA) (FOR HDLA1500/HDLA1503/HDLA1505)
	3-673-018-11	s SCREW, BLIND (BLACK) (PLA) (FOR HDLA1500/HDLA1505/HDLA1507)
409	3-692-320-02	o BUTTON (R)
410	3-692-321-02	o BUTTON (G)
411	3-692-322-02	o BUTTON (B)
412	3-692-324-02	o BUTTON (RET 1)
413	3-692-325-02	o BUTTON (RET 2)
414	3-872-461-02	s ROD
415	3-872-479-01	s SPACER,D CUT
416	3-872-484-01	s HINGE,REAR PANEL LID (WHITE) (FOR HDLA1500/HDLA1503/HDLA1505)
	3-872-484-11	s HINGE,REAR PANEL LID (BLACK) (FOR HDLA1500/HDLA1505/HDLA1507)
417	3-872-485-01	s BRACKET,HINGE
418	3-872-489-02	s CUSHION,DROP PROTECT REAR
419	3-872-506-02	s CAP LOWER (WHITE) (FOR HDLA1500/HDLA1503/HDLA1505)
	3-872-506-12	s CAP LOWER (BLACK) (FOR HDLA1500/HDLA1505/HDLA1507)
420	3-872-577-01	s KNOB,VOLUME DIA.6
421	3-872-699-01	s VR SLEEVE
422	4-654-273-02	s ACE (M2), LOCK
423	4-700-011-01	s SPACER, HEXAGON(SQ-3)
424	3-719-159-01	s SCREW (M3), +BW (STEEL) (WHITE) (FOR HDLA1500/HDLA1503/HDLA1505)
	3-719-159-02	s SCREW (M3), +BW (STEEL) (BLACK) (FOR HDLA1500/HDLA1505)
	7-623-923-01	s WASHER,POLYETHYLENE 2.6
	7-682-547-04	s SCREW +B3X6
	7-682-903-01	s SCREW +PWH 3X5

Chassis Block

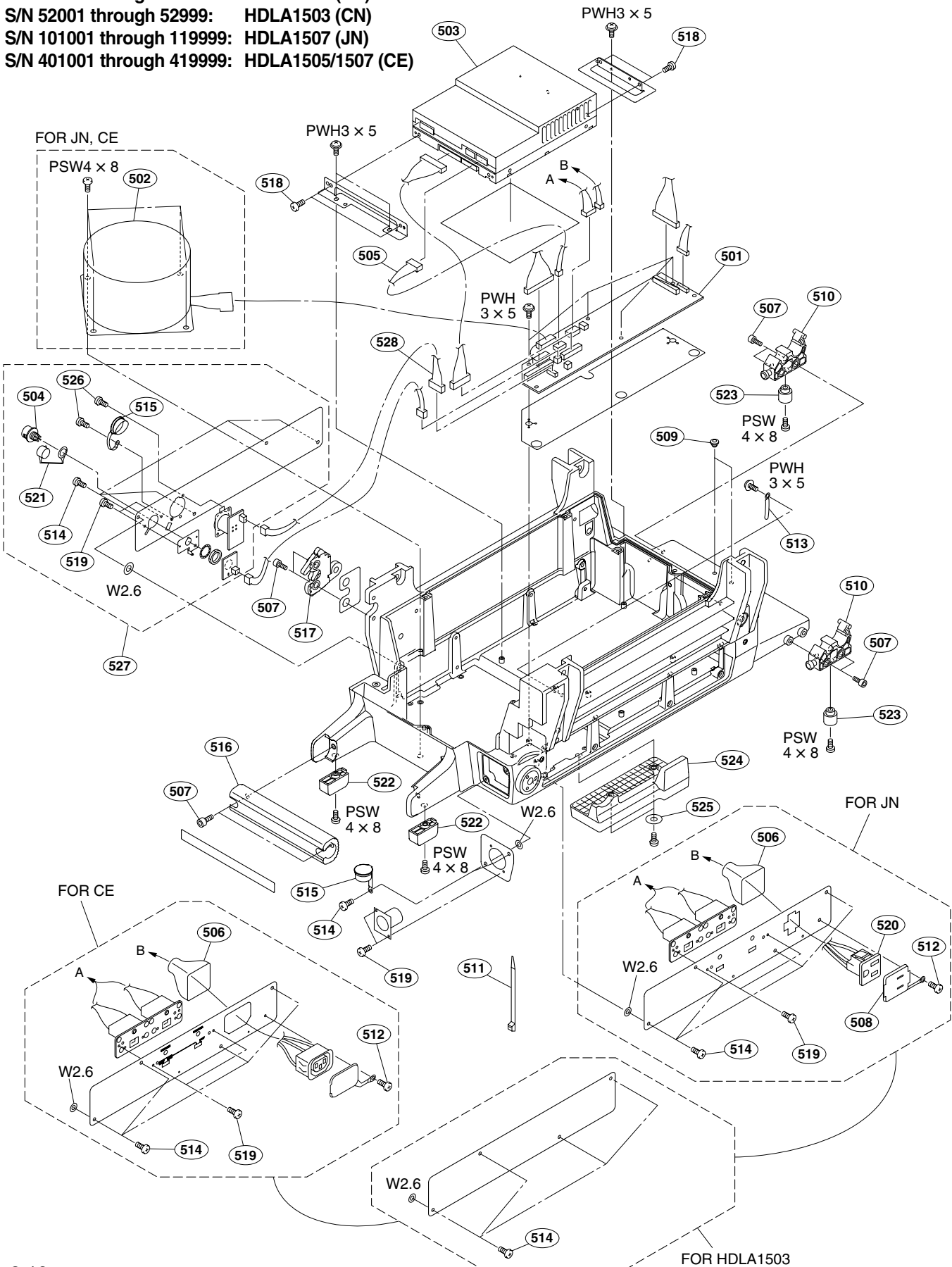
S/N 10001 to 11000: HDLA1505 (JN)
 S/N 10001 to 13000: HDLA1500 (JN)
 S/N 40001 to 41000: HDLA1505 (CE)
 S/N 40001 to 43000: HDLA1500 (CE)
 S/N 50001 to 52000: HDLA1503 (CN)
 S/N 100001 to 101000: HDLA1507 (JN)
 S/N 400001 to 401000: HDLA1505/1507 (CE)



No.	Part No.	SP	Description
501	A-1101-932-A	s	MOUNTED CIRCUIT BOARD, IF-974 (FOR HDLA1500/1503/1505)
	A-1179-365-A	s	MOUNTED CIRCUIT BOARD, IF-974P (FOR HDLA1507)
502	△ 1-443-820-11	s	TRANSFORMER, POWER (FOR JN, CE)
503	△ 1-468-861-12	s	REGULATOR, SWITCHING
504	1-563-929-11	s	CONNECTOR,ROUND TYPE (RF) 4P
505	△ 1-963-587-11	s	HARNESS (AC) (FOR JN, CE)
506	2-254-842-02	s	COVER,SWITCH INSULATING (FOR JN, CE)
507	2-391-520-21	s	BOLT (M5X12),HOLE, HEXAGON(ST)
508	3-186-500-02	s	LID (N), OUTLET (FOR JN)
509	3-545-657-11	s	BUSHING(BLACK) (PLA)
510	3-612-710-02	o	CLAMP,CABLE
511	3-671-893-00	s	CLAMP
512	3-694-825-12	s	SCREW M3 STEP,SPECIAL HEAD ST (FOR JN, CE)
513	3-703-150-11	o	CLAMP
514	3-719-159-02	s	SCREW (M3), +BW (STEEL)
515	3-748-142-01	s	COVER,CONNECTOR
516	3-872-443-01	s	HANDLE BOTTOM
517	3-872-473-01	s	SNACH LOCK
518	4-644-493-11	s	SCREW(M2.6X4), LOCK ACE
519	4-654-273-02	s	ACE (M2), LOCK
520	△ 1-819-791-11	s	OUTLET,AC (3P) (FOR JN)
521	3-685-115-11	s	CAP(6P),DROP PROTECTION
522	3-992-866-01	s	FOOT,REAT
523	3-992-867-01	s	FOOT,FRONT
524	3-992-868-01	s	CABLE HANGER
525	3-607-677-01	s	WASHER(D5)
	7-623-923-01	s	WASHER,POLYETHYLENE 2.6
	7-682-903-01	s	SCREW +PWH 3X5
	7-682-961-01	s	SCREW +PSW 4X8
	7-683-440-04	o	BOLT,HEXAGON-SOCKET 5X20

Chassis Block

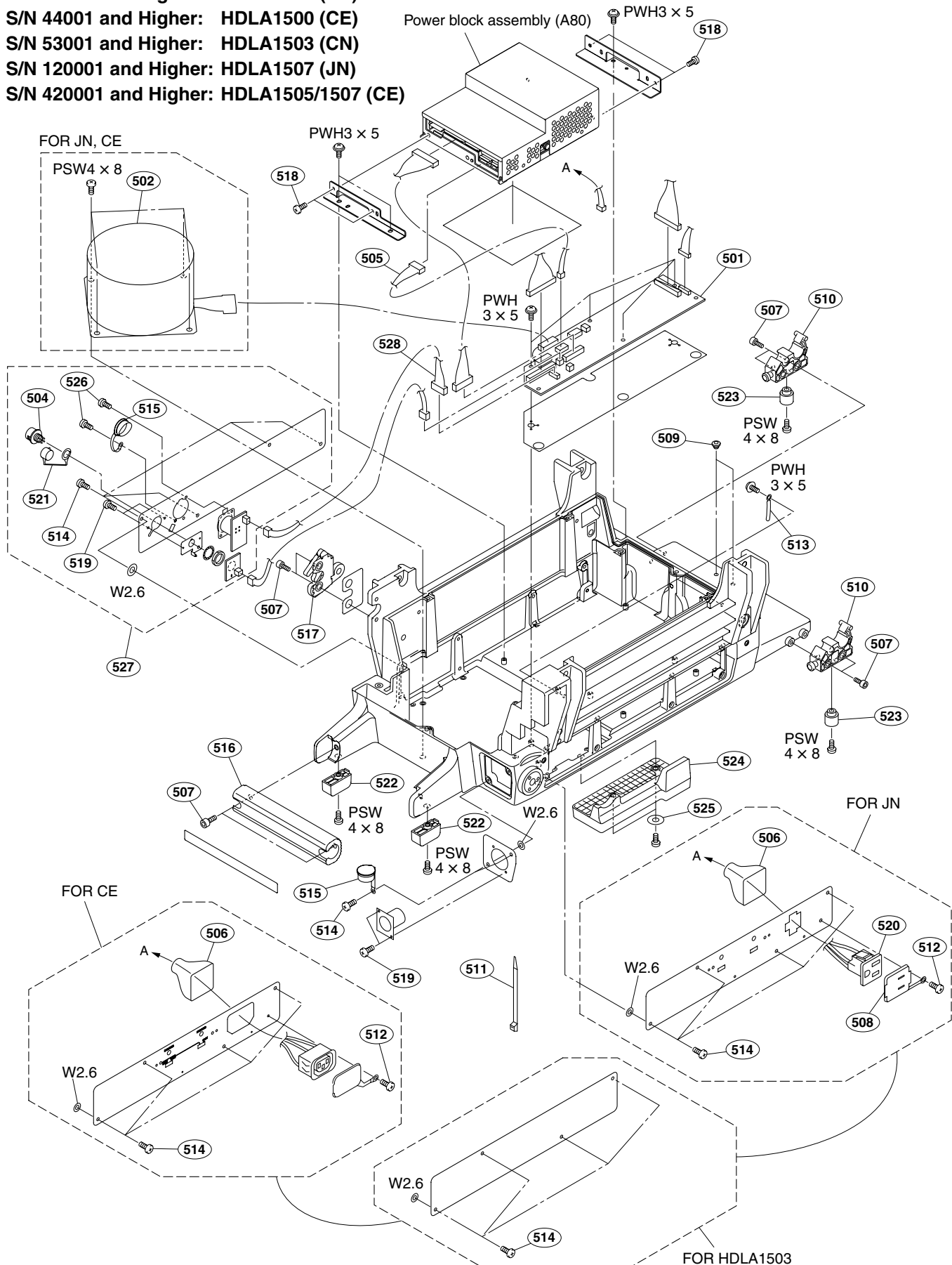
S/N 11001 through 11999: HDLA1505 (JN)
 S/N 13001 through 13999: HDLA1500 (JN)
 S/N 41001 through 41999: HDLA1505 (CE)
 S/N 43001 through 43999: HDLA1500 (CE)
 S/N 52001 through 52999: HDLA1503 (CN)
 S/N 101001 through 119999: HDLA1507 (JN)
 S/N 401001 through 419999: HDLA1505/1507 (CE)



No.	Part No.	SP Description
501	A-1101-932-B	s MOUNTED CIRCUIT BOARD, IF-974 (FOR HDLA1500/1503/1505)
	A-1179-365-B	s MOUNTED CIRCUIT BOARD, IF-974P (FOR HDLA1507)
502	△ 1-443-820-11	s TRANSFORMER, POWER (FOR JN, CE)
503	△ 1-468-861-12	s REGULATOR, SWITCHING
504	1-563-929-11	s CONNECTOR,ROUND TYPE (RF) 4P
505	△ 1-963-587-11	s HARNESS (AC) (FOR JN, CE)
506	2-254-842-02	s COVER,SWITCH INSULATING (FOR JN, CE)
507	2-391-520-21	s BOLT (M5X12),HOLE, HEXAGON(ST)
508	3-186-500-02	s LID (N), OUTLET (FOR JN)
509	3-545-657-11	s BUSHING(BLACK) (PLA)
510	3-612-710-02	o CLAMP,CABLE
511	3-671-893-00	s CLAMP
512	3-694-825-12	s SCREW M3 STEP,SPECIAL HEAD ST (FOR JN, CE)
513	3-703-150-11	o CLAMP
514	3-719-159-02	s SCREW (M3), +BW (STEEL)
515	3-748-142-01	s COVER,CONNECTOR
516	3-872-443-01	s HANDLE BOTTOM
517	3-872-473-01	s SNACH LOCK
518	4-644-493-11	s SCREW(M2.6X4), LOCK ACE
519	4-654-273-02	s ACE (M2), LOCK
520	△ 1-819-791-11	s OUTLET,AC (3P)(FOR JN)
521	3-685-115-11	s CAP(6P),DROP PROTECTION
522	3-992-866-01	s FOOT,REAT
523	3-992-867-01	s FOOT,FRONT
524	3-992-868-01	s CABLE HANGER
525	3-607-677-01	s WASHER(D5)
526	3-637-901-11	s SCREW M2.6X5
527	A-1128-400-B	s PANEL ASSY, IN SIDE CONNECTOR
528	1-966-637-11	s HARNESS, SUB (DC-UTILITY)
	7-623-923-01	s WASHER,POLYETHYLENE 2.6
	7-682-903-01	s SCREW +PWH 3X5
	7-682-961-01	s SCREW +PSW 4X8
	7-683-440-04	o BOLT,HEXAGON-SOCKET 5X20

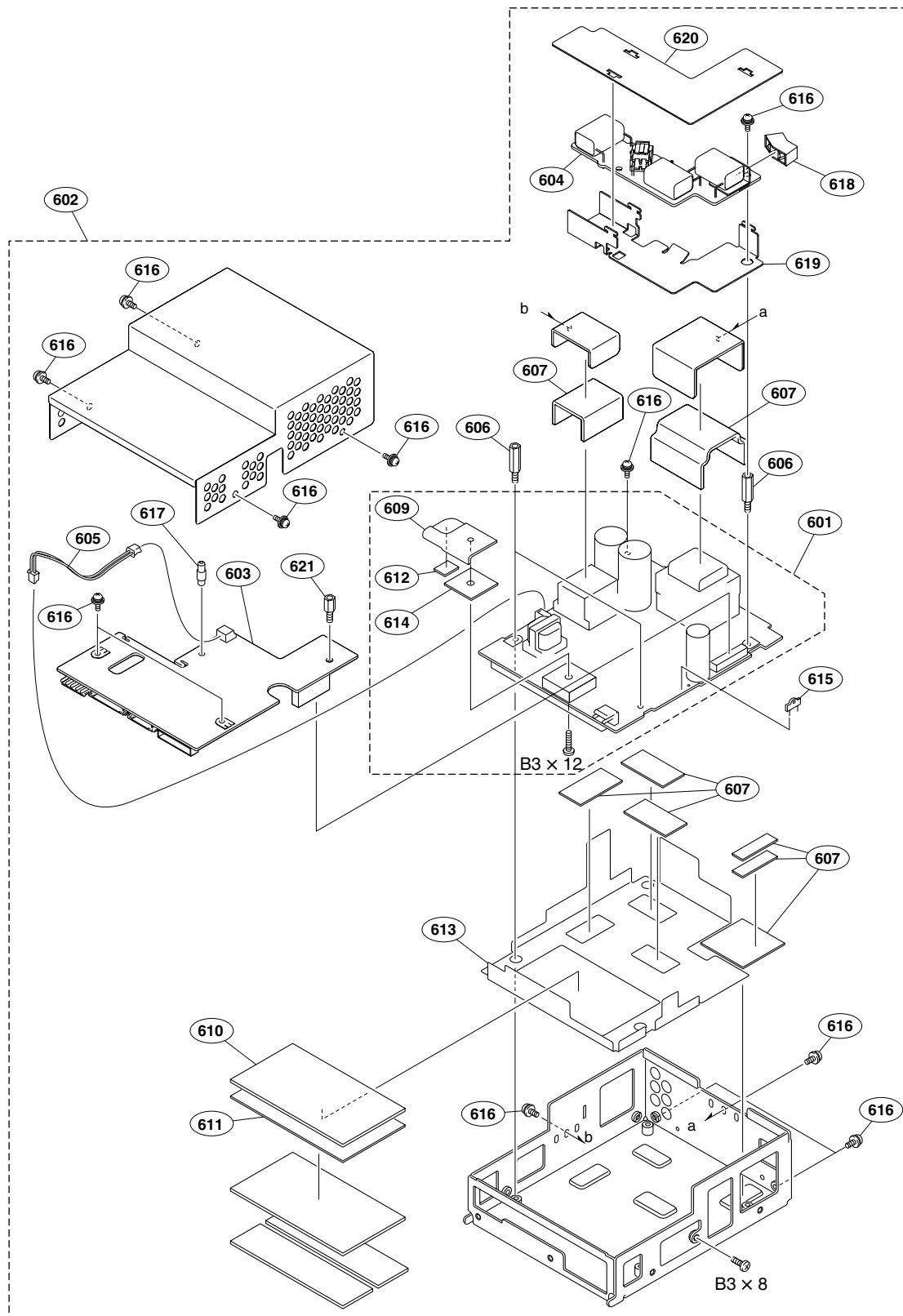
Chassis Block

S/N 12001 and Higher: HDLA1505 (JN)
 S/N 14001 and Higher: HDLA1500 (JN)
 S/N 42001 and Higher: HDLA1505 (CE)
 S/N 44001 and Higher: HDLA1500 (CE)
 S/N 53001 and Higher: HDLA1503 (CN)
 S/N 120001 and Higher: HDLA1507 (JN)
 S/N 420001 and Higher: HDLA1505/1507 (CE)



No.	Part No.	SP	Description
501	A-1101-932-C	s	MOUNTED CIRCUIT BOARD, IF-974 (FOR HDLA1500/1503/1505)
	A-1179-365-C	s	MOUNTED CIRCUIT BOARD, IF-974P (FOR HDLA1507)
502	△ 1-443-820-11	s	TRANSFORMER, POWER (FOR JN, CE)
504	1-563-929-11	s	CONNECTOR,ROUND TYPE (RF) 4P
505	△ 1-963-587-11	s	HARNESS (AC) (FOR JN, CE)
506	2-254-842-02	s	COVER,SWITCH INSULATING (FOR JN, CE)
507	2-391-520-21	s	BOLT (M5X12),HOLE, HEXAGON(ST)
508	3-186-500-02	s	LID (N), OUTLET (FOR JN)
509	3-545-657-11	s	BUSHING(BLACK) (PLA)
510	3-612-710-02	o	CLAMP,CABLE
511	3-671-893-00	s	CLAMP
512	3-694-825-12	s	SCREW M3 STEP,SPECIAL HEAD ST (FOR JN, CE)
513	3-703-150-11	o	CLAMP
514	3-719-159-02	s	SCREW (M3), +BW (STEEL)
515	3-748-142-01	s	COVER,CONNECTOR
516	3-872-443-01	s	HANDLE BOTTOM
517	3-872-473-01	s	SNACH LOCK
518	4-382-854-51	s	SCREW (M3X6), P, SW (+)
519	4-654-273-02	s	ACE (M2), LOCK
520	△ 1-819-791-11	s	OUTLET,AC (3P) (FOR JN)
521	3-685-115-11	s	CAP (6P),DROP PROTECTION
522	3-992-866-01	s	FOOT,REAT
523	3-992-867-01	s	FOOT,FRONT
524	3-992-868-01	s	CABLE HANGER
525	3-607-677-01	s	WASHER(D5)
526	3-637-901-11	s	SCREW M2.6X5
527	A-1128-400-B	s	PANEL ASSY, IN SIDE CONNECTOR
528	1-966-637-11	s	HARNESS, SUB (DC-UTILITY)
	7-623-923-01	s	WASHER,POLYETHYLENE 2.6
	7-682-903-01	s	SCREW +PWH 3X5
	7-682-961-01	s	SCREW +PSW 4X8
	7-683-440-04	o	BOLT,HEXAGON-SOCKET 5X20

Power Block Assembly (A80)



No.	Part No.	SP Description
601	A-1761-689-A	s MOUNTED CIRCUIT BOARD, PS-763
602	A-1764-936-A	s POWER BLOCK ASSY (A80)
603	A-1765-785-A	s MOUNTED CIRCUIT BOARD, PS-766
604	A-1792-468-A	s MOUNTED CIRCUIT BOARD, DU-566
605	1-967-154-11	s HARNESS, SUB (STANDBY-POWER)
606	4-191-640-01	s SUPPORT, HEXAGON (M3-17.5)
607	△ 4-191-644-02	s SHEET (A80-T2), PS THERMAL
608	4-191-645-01	s CLAMP (JDW-1S), WAVE
609	△ 4-191-647-01	s HEATSINK (A80), DIODE
610	△ 4-191-649-01	s SHEET (A80-T3), PS THERMAL
611	△ 4-191-650-01	s SHEET (A80-T1), PS THERMAL
612	△ 4-191-651-01	s SHEET (A80-T2), DIODE THERMAL
613	△ 4-191-652-01	s SHEET (A80), INSULATING PS
614	△ 4-191-653-01	s SHEET (A80-T0.5), DIODE THERMAL
615	1-780-834-11	s PIN, JUMPER
616	4-382-854-51	s SCREW (M3X6), P, SW (+)
617	2-668-318-01	o SPACER, CIRCUIT BOARD
618	4-191-646-01	s BUTTON, ROCKER SWITCH
619	4-199-669-01	s SHEET (A80), INSULATING DU556
620	4-199-670-01	s SHEET (A80), INSULATING COVER
621	4-199-672-01	s SUPPORT, HEXAGON (M3.6)
	7-682-548-04	s SCREW +B 3X8

3-2. Electrical Parts List

AT-164 BOARD

*a: [HDLA1500/HDLA1505]
 *b: [HDLA1500/HDLA1503/HDLA1505]
 *c: [HDLA1505 (UB)/HDLA1507]

Ref. No. or Q'ty	Part No.	SP	Description
1pc	*c A-1179-368-A	s	MOUNTED CIRCUIT BOARD, AT-164GP (GOLD)
1pc	*b A-1159-997-A	s	MOUNTED CIRCUIT BOARD, AT-164G (GOLD)
1pc	*a A-1101-930-A	s	MOUNTED CIRCUIT BOARD, AT-164 (SILVER)
C2	1-164-937-81	s	CAP, CHIP CERAMIC 1000PF B 1005
C3	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C4	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C5	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C14	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C15	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C17	1-164-937-81	s	CAP, CHIP CERAMIC 1000PF B 1005
C18	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C19	1-128-451-21	s	CAP, CHIP CELECT 22MF
C20	1-100-567-81	s	CAP, CHIP CERAMIC 0.01MF B 1005
C21	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C23	1-128-451-21	s	CAP, CHIP CELECT 22MF
C26	1-100-567-81	s	CAP, CHIP CERAMIC 0.01MF B 1005
C29	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C32	1-100-567-81	s	CAP, CHIP CERAMIC 0.01MF B 1005
C35	1-100-055-21	s	CAP, CHIP CERAMIC 22MF B 3225
C44	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C55	1-164-850-81	s	CAP, CHIP CERAMIC 10PF CH 1005
C56	1-164-850-81	s	CAP, CHIP CERAMIC 10PF CH 1005
C63	1-100-567-81	s	CAP, CHIP CERAMIC 0.01MF B 1005
C65	1-100-567-81	s	CAP, CHIP CERAMIC 0.01MF B 1005
C71	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C72	1-164-858-81	s	CAP, CHIP CERAMIC 22PF CH 1005
C73	1-164-937-81	s	CAP, CHIP CERAMIC 1000PF B 1005
CN1	1-770-621-21	s	PIN, CONNECTOR 4P
CN2	1-580-057-21	s	PIN, CONNECTOR (SMD) 4P
CN3	1-770-627-21	s	PIN, CONNECTOR 10P
CN4	1-695-479-21	o	PIN, CONNECTOR (PC BOARD) 2P
CN5	1-580-567-11	s	PIN, CONNECTOR (PC BOARD) 24P
CN6	1-580-573-11	s	PIN, CONNECTOR (PC BOARD) 36P
CN7	*b*c 1-784-625-31	s	CONNECTOR, FFC/FPC(ZIF) AN 30P (GOLD)
	*a 1-784-625-21	s	CONNECTOR, FFC/FPC(ZIF) AN 30P (SILVER)
CN8	*b*c 1-784-625-31	s	CONNECTOR, FFC/FPC(ZIF) AN 30P (GOLD)
	*a 1-784-625-21	s	CONNECTOR, FFC/FPC(ZIF) AN 30P (SILVER)
D1	8-719-017-03	s	DIODE 02DZ4.7-TPH3
D2	8-719-820-42	s	DIODE 1SS302-TE85L
D3	8-719-820-42	s	DIODE 1SS302-TE85L
D4	8-719-820-42	s	DIODE 1SS302-TE85L
D5	8-719-820-42	s	DIODE 1SS302-TE85L
D6	8-719-820-42	s	DIODE 1SS302-TE85L
D7	8-719-820-42	s	DIODE 1SS302-TE85L
D8	8-719-820-42	s	DIODE 1SS302-TE85L
D9	8-719-820-42	s	DIODE 1SS302-TE85L
D10	8-719-820-42	s	DIODE 1SS302-TE85L

(AT-164 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
D11	8-719-820-42	s	DIODE 1SS302-TE85L
D12	8-719-820-42	s	DIODE 1SS302-TE85L
D13	8-719-820-42	s	DIODE 1SS302-TE85L
D14	8-719-820-42	s	DIODE 1SS302-TE85L
D15	8-719-820-42	s	DIODE 1SS302-TE85L
D16	8-719-820-42	s	DIODE 1SS302-TE85L
E1	1-535-877-22	s	CHIP, CHECKER
E2	1-535-877-22	s	CHIP, CHECKER
FB1	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB2	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB3	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB4	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB5	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB6	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB7	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FB8	1-469-094-21	s	FERRITE, EMI (SMD) (1608)
FL1	1-234-851-11	s	FILTER, EMI REMOVAL
FL2	1-234-851-11	s	FILTER, EMI REMOVAL
FL3	1-234-851-11	s	FILTER, EMI REMOVAL
FL4	1-234-851-11	s	FILTER, EMI REMOVAL
FL5	1-239-896-31	s	FILTER, EMI (SMD)
FL6	1-239-896-31	s	FILTER, EMI (SMD)
FL7	1-239-896-31	s	FILTER, EMI (SMD)
FL8	1-239-896-31	s	FILTER, EMI (SMD)
FL9	1-239-896-31	s	FILTER, EMI (SMD)
FL10	1-239-896-31	s	FILTER, EMI (SMD)
FL11	1-239-896-31	s	FILTER, EMI (SMD)
FL12	1-239-896-31	s	FILTER, EMI (SMD)
FL13	1-239-896-31	s	FILTER, EMI (SMD)
FL14	1-239-896-31	s	FILTER, EMI (SMD)
IC1	6-704-976-01	s	IC ADR381ARTZ-REEL7
IC2	8-759-327-01	s	IC NJM062V (TE2)
IC3	6-708-346-01	s	IC DAC7512N
IC4	8-759-327-01	s	IC NJM062V (TE2)
IC6	6-702-624-01	s	IC HD64F2377VFQ33V
IC7	8-759-363-26	s	IC RN5VD28AA-TL-FA
IC8	8-759-491-50	s	IC TC74VHCT244AFT (EL)
IC9	8-759-327-01	s	IC NJM062V (TE2)
IC10	8-759-491-50	s	IC TC74VHCT244AFT (EL)
IC11	8-759-598-44	s	IC TC7WH08FK (TE85R)
IC12	8-759-598-44	s	IC TC7WH08FK (TE85R)
IC13	8-759-598-44	s	IC TC7WH08FK (TE85R)
IC14	8-759-327-01	s	IC NJM062V (TE2)
IC15	8-759-598-43	s	IC TC7WH04FK (TE85R)
IC16	8-759-592-10	s	IC TC7WH00FU (TE12R)
IC17	8-759-491-50	s	IC TC74VHCT244AFT (EL)
IC18	8-759-598-44	s	IC TC7WH08FK (TE85R)
IC20	8-759-523-84	s	IC TC74VHC14FT (EL)
IC21	8-759-491-50	s	IC TC74VHCT244AFT (EL)
IC22	8-759-491-50	s	IC TC74VHCT244AFT (EL)
IC23	8-759-491-50	s	IC TC74VHCT244AFT (EL)
IC24	8-759-491-50	s	IC TC74VHCT244AFT (EL)
IC25	8-759-327-01	s	IC NJM062V (TE2)
L1	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L2	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L3	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
L4	1-414-392-41	s	INDUCTOR (SMD) 1.0UH

(AT-164 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
L5	1-424-700-21	s COIL, CHOKE (SMD) 100UH
L6	1-414-398-41	s INDUCTOR (SMD) 10.0UH
Q1	8-729-209-73	s TRANSISTOR 2SA1213Y-TE12L
Q2	8-729-209-73	s TRANSISTOR 2SA1213Y-TE12L
Q3	8-729-928-82	s TRANSISTOR DTC144EE-TL
Q4	8-729-928-82	s TRANSISTOR DTC144EE-TL
R1	1-208-915-81	s RES, CHIP 15K (1005)
R2	1-208-903-81	s RES, CHIP 4.7K (1005)
R6	1-220-221-91	s RES, SQUARE TYPE CHIP 100 (4532)
R7	1-208-935-81	s RES, CHIP 100K (1005)
R8	1-208-927-81	s RES, CHIP 47K (1005)
R9	1-208-887-81	s RES, CHIP 1.0K (1005)
R10	1-208-871-81	s RES, CHIP 220 (1005)
R11	1-208-871-81	s RES, CHIP 220 (1005)
R12	1-208-927-81	s RES, CHIP 47K (1005)
R13	1-208-919-81	s RES, CHIP 22K (1005)
R14	1-208-923-81	s RES, CHIP 33K (1005)
R15	1-208-863-81	s RES, CHIP 100 (1005)
R16	1-208-863-81	s RES, CHIP 100 (1005)
R17	1-208-907-81	s RES, CHIP 6.8K (1005)
R18	1-208-887-81	s RES, CHIP 1.0K (1005)
R19	1-208-919-81	s RES, CHIP 22K (1005)
R20	1-208-915-81	s RES, CHIP 15K (1005)
R21	1-208-923-81	s RES, CHIP 33K (1005)
R22	1-208-923-81	s RES, CHIP 33K (1005)
R23	1-208-899-81	s RES, CHIP 3.3K (1005)
R24	1-208-863-81	s RES, CHIP 100 (1005)
R25	1-208-863-81	s RES, CHIP 100 (1005)
R26	1-208-863-81	s RES, CHIP 100 (1005)
R27	1-208-863-81	s RES, CHIP 100 (1005)
R28	1-208-887-81	s RES, CHIP 1.0K (1005)
R29	1-208-887-81	s RES, CHIP 1.0K (1005)
R30	1-208-863-81	s RES, CHIP 100 (1005)
R31	1-208-863-81	s RES, CHIP 100 (1005)
R32	1-218-990-81	s CONDUCTOR, CHIP (1005)
R34	1-208-927-81	s RES, CHIP 47K (1005)
R35	1-218-990-81	s CONDUCTOR, CHIP (1005)
R36	1-208-887-81	s RES, CHIP 1.0K (1005)
R37	1-208-923-81	s RES, CHIP 33K (1005)
R38	1-208-923-81	s RES, CHIP 33K (1005)
R39	1-208-887-81	s RES, CHIP 1.0K (1005)
R41	1-208-891-81	s RES, CHIP 1.5K (1005)
R42	1-208-927-81	s RES, CHIP 47K (1005)
R43	1-208-919-81	s RES, CHIP 22K (1005)
R44	1-208-887-81	s RES, CHIP 1.0K (1005)
R45	1-208-927-81	s RES, CHIP 47K (1005)
R46	1-208-863-81	s RES, CHIP 100 (1005)
R47	1-208-927-81	s RES, CHIP 47K (1005)
R48	1-208-923-81	s RES, CHIP 33K (1005)
R49	1-208-911-81	s RES, CHIP 10K (1005)
R50	1-208-911-81	s RES, CHIP 10K (1005)
R51	1-208-887-81	s RES, CHIP 1.0K (1005)
R52	1-208-887-81	s RES, CHIP 1.0K (1005)
R53	1-208-887-81	s RES, CHIP 1.0K (1005)
R54	1-208-887-81	s RES, CHIP 1.0K (1005)
R55	1-208-863-81	s RES, CHIP 100 (1005)
R56	1-208-927-81	s RES, CHIP 47K (1005)
R57	1-208-935-81	s RES, CHIP 100K (1005)

(AT-164 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R58	1-208-863-81	s RES, CHIP 100 (1005)
R59	1-208-887-81	s RES, CHIP 1.0K (1005)
R60	1-208-887-81	s RES, CHIP 1.0K (1005)
R61	1-208-907-81	s RES, CHIP 6.8K (1005)
R62	1-208-895-81	s RES, CHIP 2.2K (1005)
R63	1-208-855-81	s RES, CHIP 47 (1005)
R64	1-208-855-81	s RES, CHIP 47 (1005)
R65	1-208-855-81	s RES, CHIP 47 (1005)
R66	1-208-855-81	s RES, CHIP 47 (1005)
R67	1-208-915-81	s RES, CHIP 15K (1005)
R68	1-218-990-81	s CONDUCTOR, CHIP (1005)
R69	1-208-863-81	s RES, CHIP 100 (1005)
R70	1-208-863-81	s RES, CHIP 100 (1005)
R71	1-208-863-81	s RES, CHIP 100 (1005)
R72	1-208-863-81	s RES, CHIP 100 (1005)
R73	1-208-863-81	s RES, CHIP 100 (1005)
R74	1-208-863-81	s RES, CHIP 100 (1005)
R75	1-208-863-81	s RES, CHIP 100 (1005)
R76	1-208-935-81	s RES, CHIP 100K (1005)
R81	1-208-887-81	s RES, CHIP 1.0K (1005)
R82	1-208-887-81	s RES, CHIP 1.0K (1005)
R83	1-208-891-81	s RES, CHIP 1.5K (1005)
R84	1-208-891-81	s RES, CHIP 1.5K (1005)
R85	1-208-911-81	s RES, CHIP 10K (1005)
R86	1-208-911-81	s RES, CHIP 10K (1005)
R95	1-208-911-81	s RES, CHIP 10K (1005)
R98	1-208-863-81	s RES, CHIP 100 (1005)
R99	1-208-911-81	s RES, CHIP 10K (1005)
R100	1-208-887-81	s RES, CHIP 1.0K (1005)
R101	1-208-911-81	s RES, CHIP 10K (1005)
R102	1-208-911-81	s RES, CHIP 10K (1005)
R103	1-208-911-81	s RES, CHIP 10K (1005)
R104	1-208-887-81	s RES, CHIP 1.0K (1005)
R106	1-208-935-81	s RES, CHIP 100K (1005)
R107	1-208-887-81	s RES, CHIP 1.0K (1005)
R108	1-208-887-81	s RES, CHIP 1.0K (1005)
R109	1-208-911-81	s RES, CHIP 10K (1005)
R110	1-208-911-81	s RES, CHIP 10K (1005)
R111	1-208-911-81	s RES, CHIP 10K (1005)
R112	1-208-911-81	s RES, CHIP 10K (1005)
R113	1-208-911-81	s RES, CHIP 10K (1005)
R114	1-208-911-81	s RES, CHIP 10K (1005)
R115	1-208-911-81	s RES, CHIP 10K (1005)
R116	1-208-911-81	s RES, CHIP 10K (1005)
R117	1-208-911-81	s RES, CHIP 10K (1005)
R118	1-208-935-81	s RES, CHIP 100K (1005)
R119	1-208-911-81	s RES, CHIP 10K (1005)
R120	1-208-935-81	s RES, CHIP 100K (1005)
R121	1-208-911-81	s RES, CHIP 10K (1005)
R122	1-208-935-81	s RES, CHIP 100K (1005)
R123	1-208-911-81	s RES, CHIP 10K (1005)
R124	1-208-935-81	s RES, CHIP 100K (1005)
R125	1-208-935-81	s RES, CHIP 100K (1005)
R126	1-208-935-81	s RES, CHIP 100K (1005)
R127	1-208-911-81	s RES, CHIP 10K (1005)
R128	1-208-911-81	s RES, CHIP 10K (1005)
R130	1-208-911-81	s RES, CHIP 10K (1005)
R131	1-208-911-81	s RES, CHIP 10K (1005)
R132	1-208-911-81	s RES, CHIP 10K (1005)

(AT-164 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R133	1-208-911-81 s	RES, CHIP 10K (1005)
R134	1-208-911-81 s	RES, CHIP 10K (1005)
R135	1-208-911-81 s	RES, CHIP 10K (1005)
R136	1-208-911-81 s	RES, CHIP 10K (1005)
R137	1-208-935-81 s	RES, CHIP 100K (1005)
R138	1-208-935-81 s	RES, CHIP 100K (1005)
R139	1-208-935-81 s	RES, CHIP 100K (1005)
R140	1-208-935-81 s	RES, CHIP 100K (1005)
R141	1-208-911-81 s	RES, CHIP 10K (1005)
R142	1-208-911-81 s	RES, CHIP 10K (1005)
R143	1-208-887-81 s	RES, CHIP 1.0K (1005)
R144	1-208-887-81 s	RES, CHIP 1.0K (1005)
R145	1-208-911-81 s	RES, CHIP 10K (1005)
R146	1-208-887-81 s	RES, CHIP 1.0K (1005)
R147	1-208-935-81 s	RES, CHIP 100K (1005)
R148	1-208-935-81 s	RES, CHIP 100K (1005)
R149	1-208-923-81 s	RES, CHIP 33K (1005)
R150	1-208-915-81 s	RES, CHIP 15K (1005)
R151	1-208-899-81 s	RES, CHIP 3.3K (1005)
R152	1-208-935-81 s	RES, CHIP 100K (1005)
R153	1-208-887-81 s	RES, CHIP 1.0K (1005)
R154	1-208-911-81 s	RES, CHIP 10K (1005)
R155	1-208-911-81 s	RES, CHIP 10K (1005)
R156	1-220-870-81 s	RES, CHIP 10 (1005)
R157	1-208-863-81 s	RES, CHIP 100 (1005)
RB1	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB2	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB3	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB4	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB5	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB6	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB7	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB8	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB9	1-234-381-21 s	RES, NETWORK 100K (1005X4)
RB10	1-234-375-21 s	RES, NETWORK 1K (1005X4)
RB11	1-234-375-21 s	RES, NETWORK 1K (1005X4)
RB12	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB13	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB14	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB15	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB16	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB17	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB18	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB19	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB20	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB21	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB22	1-234-380-21 s	RES, NETWORK 47K (1005X4)
RB23	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB24	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB25	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB26	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB27	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB28	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB29	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB30	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB31	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB32	1-234-372-21 s	RES, NETWORK 100 (1005X4)
RB33	1-234-380-21 s	RES, NETWORK 47K (1005X4)

(AT-164 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
S1	1-692-270-41 s	SWITCH, SLIDE
THP1	△ 1-804-458-21 s	THERMISTOR, POSITIVE
THP2	△ 1-804-616-21 s	THERMISTOR, POSITIVE
X1	1-813-287-11 s	VIBRATOR, CRYSTAL (18 MHz)

CN-2753 BOARD		

Ref. No. or Q'ty	Part No.	SP Description
C1	1-125-827-91 s	CAP, CHIP CERAMIC 1MF B
C2	1-164-937-81 s	CAP, CHIP CERAMIC 1000PF B 1005
CN1	1-580-531-11 s	PIN, CONNECTOR (PC BOARD) 4P
FB1	1-414-772-21 s	FERRITE. EMI (SMD) (2012)
FB2	1-414-772-21 s	FERRITE. EMI (SMD) (2012)

CN-3219 BOARD		

Ref. No. or Q'ty	Part No.	SP Description
C1	1-114-236-21 s	CAP, CERAMIC 22MF B (3225)
C2	1-115-339-91 s	CAP, CERAMIC 0.1MF B (2012)
C3	1-115-339-91 s	CAP, CERAMIC 0.1MF B (2012)
CN1	1-820-886-11 s	CONNECTOR (RECEPTACLE), XLR
CN2	1-580-532-11 o	PIN, CONNECTOR (PC BOARD) 6P
F1	△ 1-576-232-51 s	FUSE (H.B.C.) (5A/250V)
FB1	1-414-772-21 s	FERRITE. EMI (SMD) (2012)
FB2	1-414-772-21 s	FERRITE. EMI (SMD) (2012)
FB3	1-414-772-21 s	FERRITE. EMI (SMD) (2012)
FB4	1-414-772-21 s	FERRITE. EMI (SMD) (2012)
FB5	1-414-772-21 s	FERRITE. EMI (SMD) (2012)
FB6	1-414-772-21 s	FERRITE. EMI (SMD) (2012)
FH1	1-533-189-11 s	HOLDER, FUSE (5A/14V)
FH2	1-533-189-11 s	HOLDER, FUSE (5A/14V)

DU-566 BOARD		

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1792-468-A s	MOUNTED CIRCUIT BOARD, DU-566
1pc	4-199-671-01 s	SHEET, INSULATING CAPACITOR
C500	1-116-753-21 s	CAP, METALIZED PP FILM 4.7MF
C501	1-116-753-21 s	CAP, METALIZED PP FILM 4.7MF
C502	1-116-753-21 s	CAP, METALIZED PP FILM 4.7MF
CN500	△ 1-691-961-11 s	PIN, CONNECTOR (PC BOARD) 3P

IF-974 BOARD FOR [BOARD NO. SUFFIX: -12, 13, 14]

*1:[BOARD No. SUFFIX 12]
*2:[BOARD No. SUFFIX 13,14]

*a:[HDLA1500/HDLA1503/HDLA1505]
*b:[HDLA1505(UB)/HDLA1507]

Ref. No. or Q'ty	Part No.	SP Description
1pc	*b A-1179-365-A s	MOUNTED CIRCUIT BOARD, IF-974P
	*a A-1101-932-A s	MOUNTED CIRCUIT BOARD, IF-974
C1	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 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
C4	1-165-989-91 s	CAP, CERAMIC 10MF (2012)
C5	1-125-777-81 s	CAP, CHIP CERAMIC 0.1MF B 1005
C6	1-126-400-21 s	CAP, CHIP ELECT 22MF(6.3X5.7)
C7	1-135-960-91 s	CAP, CHIP CERAMIC 10MF B(3225)
C8	1-126-402-21 s	CAP, CHIP ELECT 2.2MF (4X5.7)
C9	1-115-339-91 s	CAP, CERAMIC 0.1MF B (2012)
C10	1-126-400-21 s	CAP, CHIP ELECT 22MF(6.3X5.7)
C11	1-100-581-81 s	CAP,CHIP CERAMIC0.0047MF B1005
C12	1-125-898-91 s	CAP, CERAMIC 0.22MF B (3216)
C13	1-164-935-81 s	CAP, CHIP CERAMIC 470PF B 1005
C14	1-164-882-81 s	CAP,CHIP CERAMIC 220PF CH 1005
C15	1-126-400-21 s	CAP, CHIP ELECT 22MF(6.3X5.7)
C16	*1 1-135-346-21 s	CAP, ELECT 39MF (6.3X6)
	*2 1-126-396-21 s	CAP, CHIP ELECT 47MF (6.3X5.7)
C17	1-128-414-21 s	CAP, CHIP ELECT 220MF
C18	*2 1-125-827-91 s	CAP, CHIP CERAMIC 1MF B
C19	*2 1-164-937-81 s	CAP, CHIPCERAMIC 1000PF B 1005
C20	*2 1-164-937-81 s	CAP, CHIPCERAMIC 1000PF B 1005
CN1	1-784-254-21 s	CONNECTOR 10P
CN2	1-778-551-21 o	PIN, CONNECTOR 20P
CN3	1-784-254-21 s	CONNECTOR 10P
CN4	1-580-547-11 o	PIN, CONNECTOR (PC BOARD) 36P
CN5	1-580-545-11 o	PIN, CONNECTOR (PC BOARD) 32P
CN6	1-580-541-11 s	PIN, CONNECTOR (PC BOARD) 24P
CN7	1-580-837-11 o	PIN, CONNECTOR (PC BOARD) 3P
CN8	1-691-756-11 o	PIN, CONNECTOR (PC BOARD) 2P
CN9	1-691-959-11 s	PIN, CONNECTOR (PC BOARD) 4P
CN10	1-691-095-11 o	PIN, CONNECTOR (PC BOARD) 6P
CN11	1-580-531-11 s	PIN, CONNECTOR (PC BOARD) 4P
D1	8-719-024-83 s	DIODE 1SS301-TE85L
D2	8-719-124-09 s	DIODE 1S2836-T1
D3	8-719-048-40 s	DIODE MBR5140T3
D4	8-719-072-83 s	DIODE MBR5340T3
D5	8-719-124-09 s	DIODE 1S2836-T1
D6	8-719-024-83 s	DIODE 1SS301-TE85L
D7	8-719-024-83 s	DIODE 1SS301-TE85L
E1	1-535-877-22 s	CHIP, CHECKER
FB1	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB2	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB3	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB4	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB5	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB6	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB7	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB8	1-469-094-21 s	FERRITE, EMI (SMD) (1608)
FB9	1-469-094-21 s	FERRITE, EMI (SMD) (1608)

(IF-974 BOARD FOR [BOARD NO. SUFFIX: -12, 13, 14])

Ref. No. or Q'ty	Part No.	SP Description
FB10	*2 1-414-772-21 s	FERRITE, EMI (SMD) (2012)
FB11	*2 1-414-772-21 s	FERRITE, EMI (SMD) (2012)
FL2	1-234-851-11 s	FILTER, EMI REMOVAL
FL3	1-234-851-11 s	FILTER, EMI REMOVAL
FL4	1-239-896-31 s	FILTER, EMI (SMD)
FL5	1-239-896-31 s	FILTER, EMI (SMD)
FL6	1-234-851-11 s	FILTER, EMI REMOVAL
FL7	1-234-851-11 s	FILTER, EMI REMOVAL
FL8	1-239-896-31 s	FILTER, EMI (SMD)
FL9	1-239-896-31 s	FILTER, EMI (SMD)
FL10	1-239-896-31 s	FILTER, EMI (SMD)
FL11	1-239-896-31 s	FILTER, EMI (SMD)
FL12	1-239-896-31 s	FILTER, EMI (SMD)
FL13	1-239-896-31 s	FILTER, EMI (SMD)
FL14	1-239-896-31 s	FILTER, EMI (SMD)
FL15	1-239-896-31 s	FILTER, EMI (SMD)
FL16	1-234-851-11 s	FILTER, EMI REMOVAL
FL17	1-234-851-11 s	FILTER, EMI REMOVAL
FL18	1-239-896-31 s	FILTER, EMI (SMD)
FL19	1-239-896-31 s	FILTER, EMI (SMD)
FL20	1-239-896-31 s	FILTER, EMI (SMD)
FL21	1-239-896-31 s	FILTER, EMI (SMD)
FL22	1-239-896-31 s	FILTER, EMI (SMD)
FL23	1-239-896-31 s	FILTER, EMI (SMD)
FL24	1-239-896-31 s	FILTER, EMI (SMD)
FL25	1-239-896-31 s	FILTER, EMI (SMD)
FL26	1-239-896-31 s	FILTER, EMI (SMD)
FL27	1-239-896-31 s	FILTER, EMI (SMD)
FL28	1-239-896-31 s	FILTER, EMI (SMD)
FL29	1-239-896-31 s	FILTER, EMI (SMD)
FL30	1-239-896-31 s	FILTER, EMI (SMD)
FL31	1-239-896-31 s	FILTER, EMI (SMD)
FL32	1-239-896-31 s	FILTER, EMI (SMD)
FL33	1-239-896-31 s	FILTER, EMI (SMD)
IC1	6-706-483-01 s	IC TC7SH02FU(T5RSOYJF)
IC2	6-702-481-01 s	IC PCA9555DB-118
IC3	6-702-481-01 s	IC PCA9555DB-118
IC4	6-706-483-01 s	IC TC7SH02FU(T5RSOYJF)
IC5	6-705-481-01 s	IC LT1931ES5#TR
IC6	6-702-713-01 s	IC LT1765EFE
IC7	8-759-433-74 s	IC TA7809F(TE16L)
IC8	6-706-483-01 s	IC TC7SH02FU(T5RSOYJF)
L1	1-424-700-21 s	COIL, CHOKE (SMD) 100UH
L2	1-414-397-21 s	INDUCTOR (SMD) 6.8UH
L3	1-414-397-21 s	INDUCTOR (SMD) 6.8UH
L4	1-416-948-21 s	COIL, CHOKE 10UH
L5	1-416-948-21 s	COIL, CHOKE 10UH
Q1	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q2	8-729-928-82 s	TRANSISTOR DTC144EE-TL
Q3	8-729-928-82 s	TRANSISTOR DTC144EE-TL
R1	1-208-871-81 s	RES, CHIP 220 (1005)
R2	1-208-871-81 s	RES, CHIP 220 (1005)
R3	1-208-871-81 s	RES, CHIP 220 (1005)
R5	1-208-855-81 s	RES, CHIP 47 (1005)
R6	1-208-855-81 s	RES, CHIP 47 (1005)
R7	1-208-863-81 s	RES, CHIP 100 (1005)
R8	1-208-927-81 s	RES, CHIP 47K (1005)

(IF-974 BOARD FOR [BOARD NO. SUFFIX: -12, 13, 14])

Ref. No. or Q'ty	Part No.	SP Description
R9	1-208-927-81	s RES, CHIP 47K (1005)
R10	1-208-863-81	s RES, CHIP 100 (1005)
R11	1-208-863-81	s RES, CHIP 100 (1005)
R12	1-208-887-81	s RES, CHIP 1.0K (1005)
R13	1-208-919-81	s RES, CHIP 22K (1005)
R14	1-208-903-81	s RES, CHIP 4.7K (1005)
R15	1-208-911-81	s RES, CHIP 10K (1005)
R16	1-208-919-81	s RES, CHIP 22K (1005)
R17	1-208-911-81	s RES, CHIP 10K (1005)
R18	1-208-863-81	s RES, CHIP 100 (1005)
RB1	1-234-380-21	s RES, NETWORK 47K (1005X4)
RB2	1-234-380-21	s RES, NETWORK 47K (1005X4)
RB3	1-234-380-21	s RES, NETWORK 47K (1005X4)
RB4	1-234-380-21	s RES, NETWORK 47K (1005X4)
RB5	1-234-380-21	s RES, NETWORK 47K (1005X4)
RB6	1-234-380-21	s RES, NETWORK 47K (1005X4)
RB7	1-234-372-21	s RES, NETWORK 100 (1005X4)
RB8	1-234-372-21	s RES, NETWORK 100 (1005X4)
RB9	1-234-372-21	s RES, NETWORK 100 (1005X4)
RB10	1-234-372-21	s RES, NETWORK 100 (1005X4)
RB11	1-234-372-21	s RES, NETWORK 100 (1005X4)
RB12	1-234-372-21	s RES, NETWORK 100 (1005X4)
THP1	△ 1-804-616-21	s THERMISTOR, POSITIVE
THP2	*2△ 1-803-615-21	s THERMISTOR, POSITIVE
THP3	*2△ 1-803-615-21	s THERMISTOR, POSITIVE

IF-974 BOARD FOR [BOARD NO. SUFFIX: -15, 16]

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1101-932-B	s MOUNTED CIRCUIT BOARD, IF-974
C1	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 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
C4	1-165-989-91	s CAP, CERAMIC 10MF (2012)
C5	1-125-777-81	s CAP, CHIP CERAMIC 0.1MF B 1005
C6	1-126-400-21	s CAP, CHIP ELECT 22MF (6.3X5.7)
C7	1-135-960-91	s CAP, CHIP CERAMIC 10MF B (3225)
C8	1-126-402-21	s CAP, CHIP ELECT 2.2MF (4X5.7)
C9	1-115-339-91	s CAP, CERAMIC 0.1MF B (2012)
C10	1-126-400-21	s CAP, CHIP ELECT 22MF (6.3X5.7)
C11	1-100-581-81	s CAP, CHIP CERAMIC 0.0047MF B 1005
C12	1-125-898-91	s CAP, CERAMIC 0.22MF B (3216)
C13	1-164-935-81	s CAP, CHIP CERAMIC 470PF B 1005
C14	1-164-882-81	s CAP, CHIP CERAMIC 220PF CH 1005
C15	1-126-400-21	s CAP, CHIP ELECT 22MF (6.3X5.7)
C16	1-126-396-21	s CAP, CHIP ELECT 47MF (6.3X5.7)
C17	1-128-414-21	s CAP, CHIP ELECT 220MF
C18	1-125-827-91	s CAP, CHIP CERAMIC 1MF B
C19	1-164-937-81	s CAP, CHIP CERAMIC 1000PF B 1005
C20	1-164-937-81	s CAP, CHIP CERAMIC 1000PF B 1005
CN1	1-784-254-21	s CONNECTOR 10P
CN2	1-778-551-21	o PIN, CONNECTOR 20P
CN3	1-784-254-21	s CONNECTOR 10P
CN4	1-580-547-11	o PIN, CONNECTOR (PC BOARD) 36P
CN5	1-580-545-11	o PIN, CONNECTOR (PC BOARD) 32P
CN6	1-580-541-11	s PIN, CONNECTOR (PC BOARD) 24P
CN7	1-580-837-11	o PIN, CONNECTOR (PC BOARD) 3P
CN8	1-691-756-11	o PIN, CONNECTOR (PC BOARD) 2P
CN9	1-691-959-11	s PIN, CONNECTOR (PC BOARD) 4P
CN10	1-691-095-11	o PIN, CONNECTOR (PC BOARD) 6P
CN11	1-580-531-11	s PIN, CONNECTOR (PC BOARD) 4P
CN12	1-580-532-11	o PIN, CONNECTOR (PC BOARD) 6P
D1	8-719-024-83	s DIODE 1SS301-TE85L
D2	8-719-104-34	s DIODE 1S2836-T1
D3	8-719-048-40	s DIODE MBRS140T3
D4	8-719-072-83	s DIODE MBRS340T3
D5	8-719-104-34	s DIODE 1S2836-T1
D6	8-719-024-83	s DIODE 1SS301-TE85L
D7	8-719-024-83	s DIODE 1SS301-TE85L
E1	1-535-877-22	s CHIP, CHECKER
FB1	1-469-094-21	s FERRITE, EMI (SMD) (1608)
FB2	1-469-094-21	s FERRITE, EMI (SMD) (1608)
FB3	1-469-094-21	s FERRITE, EMI (SMD) (1608)
FB4	1-469-094-21	s FERRITE, EMI (SMD) (1608)
FB5	1-469-094-21	s FERRITE, EMI (SMD) (1608)
FB6	1-469-094-21	s FERRITE, EMI (SMD) (1608)
FB7	1-469-094-21	s FERRITE, EMI (SMD) (1608)
FB8	1-469-094-21	s FERRITE, EMI (SMD) (1608)
FB9	1-469-094-21	s FERRITE, EMI (SMD) (1608)
FB10	1-414-772-21	s FERRITE, EMI (SMD) (2012)
FB11	1-414-772-21	s FERRITE, EMI (SMD) (2012)
FL2	1-234-851-11	s FILTER, EMI REMOVAL
FL3	1-234-851-11	s FILTER, EMI REMOVAL
FL4	1-239-896-31	s FILTER, EMI (SMD)
FL5	1-239-896-31	s FILTER, EMI (SMD)

(IF-974 BOARD FOR [BOARD NO. SUFFIX: -15, 16])

Ref. No. or Q'ty	Part No.	SP Description
FL6	1-234-851-11	s FILTER, EMI REMOVAL
FL7	1-234-851-11	s FILTER, EMI REMOVAL
FL8	1-239-896-31	s FILTER, EMI (SMD)
FL9	1-239-896-31	s FILTER, EMI (SMD)
FL10	1-239-896-31	s FILTER, EMI (SMD)
FL11	1-239-896-31	s FILTER, EMI (SMD)
FL12	1-239-896-31	s FILTER, EMI (SMD)
FL13	1-239-896-31	s FILTER, EMI (SMD)
FL14	1-239-896-31	s FILTER, EMI (SMD)
FL15	1-239-896-31	s FILTER, EMI (SMD)
FL16	1-234-851-11	s FILTER, EMI REMOVAL
FL17	1-234-851-11	s FILTER, EMI REMOVAL
FL18	1-239-896-31	s FILTER, EMI (SMD)
FL19	1-239-896-31	s FILTER, EMI (SMD)
FL20	1-239-896-31	s FILTER, EMI (SMD)
FL21	1-239-896-31	s FILTER, EMI (SMD)
FL22	1-239-896-31	s FILTER, EMI (SMD)
FL23	1-239-896-31	s FILTER, EMI (SMD)
FL24	1-239-896-31	s FILTER, EMI (SMD)
FL25	1-239-896-31	s FILTER, EMI (SMD)
FL26	1-239-896-31	s FILTER, EMI (SMD)
FL27	1-239-896-31	s FILTER, EMI (SMD)
FL28	1-239-896-31	s FILTER, EMI (SMD)
FL29	1-239-896-31	s FILTER, EMI (SMD)
FL30	1-239-896-31	s FILTER, EMI (SMD)
FL31	1-239-896-31	s FILTER, EMI (SMD)
FL32	1-239-896-31	s FILTER, EMI (SMD)
FL33	1-239-896-31	s FILTER, EMI (SMD)
IC1	6-706-483-01	s IC TC7SH02FU(T5RSOYJF)
IC2	6-702-481-01	s IC PCA9555DB-118
IC3	6-702-481-01	s IC PCA9555DB-118
IC4	6-706-483-01	s IC TC7SH02FU(T5RSOYJF)
IC5	6-705-481-01	s IC LT1931ES5#TR
IC6	6-702-713-01	s IC LT1765EFE
IC7	8-759-433-74	s IC TA7809F(TE16L)
IC8	6-706-483-01	s IC TC7SH02FU(T5RSOYJF)
L1	1-424-700-21	s COIL, CHOKE (SMD) 100UH
L2	1-412-949-21	s INDUCTOR 6.8UH (2520)
L3	1-412-949-21	s INDUCTOR 6.8UH (2520)
L4	1-416-948-21	s COIL, CHOKE (SMD) 10UH
L5	1-416-948-21	s COIL, CHOKE (SMD) 10UH
Q1	8-729-928-82	s TRANSISTOR DTC144EE-TL
Q2	8-729-928-82	s TRANSISTOR DTC144EE-TL
Q3	8-729-928-82	s TRANSISTOR DTC144EE-TL
R1	1-208-871-81	s RES, CHIP 220 (1005)
R2	1-208-871-81	s RES, CHIP 220 (1005)
R3	1-208-871-81	s RES, CHIP 220 (1005)
R5	1-208-855-81	s RES, CHIP 47 (1005)
R6	1-208-855-81	s RES, CHIP 47 (1005)
R7	1-208-863-81	s RES, CHIP 100 (1005)
R8	1-208-927-81	s RES, CHIP 47K (1005)
R9	1-208-927-81	s RES, CHIP 47K (1005)
R10	1-208-863-81	s RES, CHIP 100 (1005)
R11	1-208-863-81	s RES, CHIP 100 (1005)
R12	1-208-887-81	s RES, CHIP 1.0K (1005)
R13	1-208-715-11	s RES, CHIP 22K (1005)
R14	1-208-903-81	s RES, CHIP 4.7K (1005)
R15	1-208-911-81	s RES, CHIP 10K (1005)

(IF-974 BOARD FOR [BOARD NO. SUFFIX: -15, 16])

Ref. No. or Q'ty	Part No.	SP Description
R16	1-208-715-11	s RES, CHIP 22K (1005)
R17	1-208-911-81	s RES, CHIP 10K (1005)
R18	1-208-863-81	s RES, CHIP 100 (1005)
RB1	1-234-380-21	s RES, NETWORK 47K (1005X4)
RB2	1-234-380-21	s RES, NETWORK 47K (1005X4)
RB3	1-234-380-21	s RES, NETWORK 47K (1005X4)
RB4	1-234-380-21	s RES, NETWORK 47K (1005X4)
RB5	1-234-380-21	s RES, NETWORK 47K (1005X4)
RB6	1-234-380-21	s RES, NETWORK 47K (1005X4)
RB7	1-234-372-21	s RES, NETWORK 100 (1005X4)
RB8	1-234-372-21	s RES, NETWORK 100 (1005X4)
RB9	1-234-372-21	s RES, NETWORK 100 (1005X4)
RB10	1-234-372-21	s RES, NETWORK 100 (1005X4)
RB11	1-234-372-21	s RES, NETWORK 100 (1005X4)
RB12	1-234-372-21	s RES, NETWORK 100 (1005X4)
THP1	△ 1-804-616-21	s THERMISTOR, POSITIVE
THP2	△ 1-803-615-21	s THERMISTOR, POSITIVE
THP3	△ 1-803-615-21	s THERMISTOR, POSITIVE

IF-974 BOARD FOR [BOARD NO. SUFFIX: -17]

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1101-932-C	s MOUNTED CIRCUIT BOARD, IF-974
C1	1-114-582-91	o CAP, CERAMIC 0.1MF B 1005
C2	1-114-582-91	o CAP, CERAMIC 0.1MF B 1005
C3	1-114-582-91	o CAP, CERAMIC 0.1MF B 1005
C4	1-165-989-91	s CAP, CERAMIC 10MF (2012)
C5	1-114-582-91	o CAP, CERAMIC 0.1MF B 1005
C6	1-126-400-21	s CAP, CHIP ELECT 22MF(6.3X5.7)
C7	1-115-339-91	s CAP, CERAMIC 0.1MF B (2012)
C8	1-165-629-91	s CAP, CERAMIC 1000000PF B(3225)
C9	1-114-582-91	o CAP, CERAMIC 0.1MF B 1005
C10	1-126-400-21	s CAP, CHIP ELECT 22MF(6.3X5.7)
C11	1-100-581-81	s CAP,CHIP CERAMIC0.0047MF B1005
C12	1-115-339-91	s CAP, CERAMIC 0.1MF B (2012)
C13	1-164-935-81	s CAP, CHIP CERAMIC 470PF B 1005
C14	1-164-882-81	s CAP,CHIP CERAMIC 220PF CH 1005
C15	1-114-236-21	s CAP, CERAMIC 22MF B (3225)
C16	1-114-236-21	s CAP, CERAMIC 22MF B (3225)
C17	1-128-414-21	s CAP, CHIP ELECT 220MF
C18	1-100-591-91	s CAP, CHIP CERAMIC 1MF B 2012
C19	1-164-937-81	s CAP, CHIPCERAMIC 1000PF B 1005
C20	1-164-937-81	s CAP, CHIPCERAMIC 1000PF B 1005
C21	1-114-236-21	s CAP, CERAMIC 22MF B (3225)
C22	1-115-339-91	s CAP, CERAMIC 0.1MF B (2012)
CN2	1-778-551-21	o PIN, CONNECTOR 20P
CN3	1-784-254-21	s CONNECTOR 10P
CN4	1-580-547-11	o PIN, CONNECTOR (PC BOARD) 36P
CN5	1-580-545-11	o PIN, CONNECTOR (PC BOARD) 32P
CN6	1-580-541-11	s PIN, CONNECTOR (PC BOARD) 24P
CN7	1-580-837-11	o PIN, CONNECTOR (PC BOARD) 3P
CN8	1-764-101-11	s PIN, CONNECTOR (PC BOARD) 2P
CN10	1-691-095-11	o PIN, CONNECTOR (PC BOARD) 6P
CN11	1-580-531-11	s PIN, CONNECTOR (PC BOARD) 4P
CN12	1-580-532-11	o PIN, CONNECTOR (PC BOARD) 6P
D1	8-719-024-83	s DIODE 1SS301-TE85L
D2	8-719-024-81	s DIODE 1SS300-TE85L
D3	8-719-072-43	s DIODE RB050L-40TE25
D4	8-719-072-43	s DIODE RB050L-40TE25
D5	8-719-024-81	s DIODE 1SS300-TE85L
D6	8-719-024-83	s DIODE 1SS301-TE85L
D7	8-719-024-83	s DIODE 1SS301-TE85L
D8	8-719-024-83	s DIODE 1SS301-TE85L
E1	1-535-877-22	s CHIP, CHECKER
F101	△ 1-576-226-51	s FUSE (H.B.C.) (1.25A/250V)
F102	△ 1-576-229-51	s FUSE (H.B.C.) (2.5A/250V)
FB1	1-469-094-21	s FERRITE, EMI (SMD) (1608)
FB2	1-469-094-21	s FERRITE, EMI (SMD) (1608)
FB3	1-469-094-21	s FERRITE, EMI (SMD) (1608)
FB4	1-469-094-21	s FERRITE, EMI (SMD) (1608)
FB5	1-469-094-21	s FERRITE, EMI (SMD) (1608)
FB6	1-469-094-21	s FERRITE, EMI (SMD) (1608)
FB7	1-469-094-21	s FERRITE, EMI (SMD) (1608)
FB8	1-469-094-21	s FERRITE, EMI (SMD) (1608)
FB9	1-469-094-21	s FERRITE, EMI (SMD) (1608)
FB10	1-414-772-21	s FERRITE. EMI (SMD) (2012)
FB11	1-414-772-21	s FERRITE. EMI (SMD) (2012)

(IF-974 BOARD FOR [BOARD NO. SUFFIX: -17])

Ref. No. or Q'ty	Part No.	SP Description
FH101	1-533-189-11	s HOLDER, FUSE (0A/0V)
FH102	1-533-189-11	s HOLDER, FUSE (0A/0V)
FH103	1-533-189-11	s HOLDER, FUSE (0A/0V)
FH104	1-533-189-11	s HOLDER, FUSE (0A/0V)
FL2	1-234-851-11	s FILTER, EMI REMOVAL
FL3	1-234-851-11	s FILTER, EMI REMOVAL
FL4	1-239-896-31	s FILTER, EMI (SMD)
FL5	1-239-896-31	s FILTER, EMI (SMD)
FL6	1-234-851-11	s FILTER, EMI REMOVAL
FL7	1-234-851-11	s FILTER, EMI REMOVAL
FL8	1-239-896-31	s FILTER, EMI (SMD)
FL9	1-239-896-31	s FILTER, EMI (SMD)
FL10	1-239-896-31	s FILTER, EMI (SMD)
FL11	1-239-896-31	s FILTER, EMI (SMD)
FL12	1-239-896-31	s FILTER, EMI (SMD)
FL13	1-239-896-31	s FILTER, EMI (SMD)
FL14	1-239-896-31	s FILTER, EMI (SMD)
FL15	1-239-896-31	s FILTER, EMI (SMD)
FL16	1-234-851-11	s FILTER, EMI REMOVAL
FL17	1-234-851-11	s FILTER, EMI REMOVAL
FL18	1-239-896-31	s FILTER, EMI (SMD)
FL19	1-239-896-31	s FILTER, EMI (SMD)
FL20	1-239-896-31	s FILTER, EMI (SMD)
FL21	1-239-896-31	s FILTER, EMI (SMD)
FL22	1-239-896-31	s FILTER, EMI (SMD)
FL23	1-239-896-31	s FILTER, EMI (SMD)
FL24	1-239-896-31	s FILTER, EMI (SMD)
FL25	1-239-896-31	s FILTER, EMI (SMD)
FL26	1-239-896-31	s FILTER, EMI (SMD)
FL27	1-239-896-31	s FILTER, EMI (SMD)
FL28	1-239-896-31	s FILTER, EMI (SMD)
FL29	1-239-896-31	s FILTER, EMI (SMD)
FL30	1-239-896-31	s FILTER, EMI (SMD)
FL31	1-239-896-31	s FILTER, EMI (SMD)
FL32	1-239-896-31	s FILTER, EMI (SMD)
FL33	1-239-896-31	s FILTER, EMI (SMD)
IC1	6-706-483-01	s IC TC7SH02FU
IC2	6-702-481-01	s IC PCA9555DB-118
IC3	6-702-481-01	s IC PCA9555DB-118
IC4	6-706-483-01	s IC TC7SH02FU
IC5	6-705-481-01	s IC LT1931ES5#TR
IC6	6-702-713-01	s IC LT1765EFE
IC7	6-709-213-01	s IC NJM2387ADL3 (TE2)
IC8	6-706-483-01	s IC TC7SH02FU
L1	1-424-700-21	s COIL, CHOKE (SMD) 100UH
L2	1-416-344-21	s COIL, CHOKE 10UH
L3	1-416-344-21	s COIL, CHOKE 10UH
L4	1-416-948-21	s COIL, CHOKE (SMD) 10UH
L5	1-416-948-21	s COIL, CHOKE (SMD) 10UH
Q1	8-729-928-82	s TRANSISTOR DTC144EE-TL
Q2	8-729-928-82	s TRANSISTOR DTC144EE-TL
Q3	8-729-928-82	s TRANSISTOR DTC144EE-TL
R1	1-208-871-81	s RES, CHIP 220 (1005)
R2	1-208-871-81	s RES, CHIP 220 (1005)
R3	1-208-871-81	s RES, CHIP 220 (1005)
R5	1-208-855-81	s RES, CHIP 47 (1005)
R6	1-208-855-81	s RES, CHIP 47 (1005)

(IF-974 BOARD FOR [BOARD NO. SUFFIX: -17])

Ref. No. or Q'ty	Part No.	SP	Description
R7	1-208-863-81	s	RES, CHIP 100 (1005)
R8	1-208-927-81	s	RES, CHIP 47K (1005)
R9	1-208-927-81	s	RES, CHIP 47K (1005)
R10	1-208-863-81	s	RES, CHIP 100 (1005)
R11	1-208-863-81	s	RES, CHIP 100 (1005)
R12	1-208-887-81	s	RES, CHIP 1.0K (1005)
R13	1-208-715-11	s	RES, CHIP 22K (1005)
R14	1-208-903-81	s	RES, CHIP 4.7K (1005)
R15	1-208-911-81	s	RES, CHIP 10K (1005)
R16	1-208-715-11	s	RES, CHIP 22K (1005)
R17	1-208-911-81	s	RES, CHIP 10K (1005)
R18	1-208-863-81	s	RES, CHIP 100 (1005)
R19	1-208-891-81	s	RES, CHIP 1.5K (1005)
R20	1-208-903-81	s	RES, CHIP 4.7K (1005)
R21	1-208-903-81	s	RES, CHIP 4.7K (1005)
RB1	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB2	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB3	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB4	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB5	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB6	1-234-380-21	s	RES, NETWORK 47K (1005X4)
RB7	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB8	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB9	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB10	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB11	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB12	1-234-372-21	s	RES, NETWORK 100 (1005X4)
S101	1-798-301-11	s	SWITCH, VOLTAGE SELECTION
S102	1-798-301-11	s	SWITCH, VOLTAGE SELECTION
THP1	△ 1-804-616-21	s	THERMISTOR, POSITIVE
THP2	△ 1-803-615-21	s	THERMISTOR, POSITIVE
THP3	△ 1-803-615-21	s	THERMISTOR, POSITIVE

LE-285 BOARD

*a:[HDLA1500/HDLA1503/HDLA1505]
*b:[HDLA1505(UB)]

Ref. No. or Q'ty	Part No.	SP	Description
1pc	*b A-1179-374-A	s	MOUNTED CIRCUIT BOARD, LE-285P
	*a A-1126-979-A	s	MOUNTED CIRCUIT BOARD, LE-285
D1	6-501-355-01	s	DIODE CL-197TD2-CD-T
D2	6-501-355-01	s	DIODE CL-197TD2-CD-T
D3	6-501-355-01	s	DIODE CL-197TD2-CD-T
D4	6-501-355-01	s	DIODE CL-197TD2-CD-T
D5	6-501-355-01	s	DIODE CL-197TD2-CD-T
D6	6-501-355-01	s	DIODE CL-197TD2-CD-T
D7	6-501-355-01	s	DIODE CL-197TD2-CD-T
D8	6-501-355-01	s	DIODE CL-197TD2-CD-T
D9	6-501-355-01	s	DIODE CL-197TD2-CD-T
D10	6-501-355-01	s	DIODE CL-197TD2-CD-T
D11	6-501-355-01	s	DIODE CL-197TD2-CD-T
D12	6-501-355-01	s	DIODE CL-197TD2-CD-T
D13	6-501-355-01	s	DIODE CL-197TD2-CD-T
D14	6-501-355-01	s	DIODE CL-197TD2-CD-T
D15	6-501-355-01	s	DIODE CL-197TD2-CD-T
D16	6-501-355-01	s	DIODE CL-197TD2-CD-T
D17	6-501-355-01	s	DIODE CL-197TD2-CD-T
D18	6-501-355-01	s	DIODE CL-197TD2-CD-T
D19	6-501-355-01	s	DIODE CL-197TD2-CD-T
D20	6-501-355-01	s	DIODE CL-197TD2-CD-T
D21	6-501-355-01	s	DIODE CL-197TD2-CD-T
D22	6-501-355-01	s	DIODE CL-197TD2-CD-T
D23	6-501-355-01	s	DIODE CL-197TD2-CD-T
D24	6-501-355-01	s	DIODE CL-197TD2-CD-T
D25	6-501-355-01	s	DIODE CL-197TD2-CD-T
D26	6-501-355-01	s	DIODE CL-197TD2-CD-T
D27	6-501-355-01	s	DIODE CL-197TD2-CD-T
D28	6-501-355-01	s	DIODE CL-197TD2-CD-T
D29	6-501-355-01	s	DIODE CL-197TD2-CD-T
D30	6-501-355-01	s	DIODE CL-197TD2-CD-T
D31	6-501-355-01	s	DIODE CL-197TD2-CD-T
D32	6-501-355-01	s	DIODE CL-197TD2-CD-T
D33	6-501-355-01	s	DIODE CL-197TD2-CD-T
D34	6-501-355-01	s	DIODE CL-197TD2-CD-T
D35	6-501-355-01	s	DIODE CL-197TD2-CD-T
D36	6-501-355-01	s	DIODE CL-197TD2-CD-T
D37	6-501-355-01	s	DIODE CL-197TD2-CD-T
D38	6-501-355-01	s	DIODE CL-197TD2-CD-T
D39	6-501-355-01	s	DIODE CL-197TD2-CD-T
D40	6-501-355-01	s	DIODE CL-197TD2-CD-T
D41	6-501-355-01	s	DIODE CL-197TD2-CD-T
D42	6-501-355-01	s	DIODE CL-197TD2-CD-T
D43	6-501-355-01	s	DIODE CL-197TD2-CD-T
D44	6-501-355-01	s	DIODE CL-197TD2-CD-T
D45	6-501-355-01	s	DIODE CL-197TD2-CD-T
D46	6-501-355-01	s	DIODE CL-197TD2-CD-T
D47	6-501-355-01	s	DIODE CL-197TD2-CD-T
D48	6-501-355-01	s	DIODE CL-197TD2-CD-T
D49	6-501-355-01	s	DIODE CL-197TD2-CD-T
D50	6-501-355-01	s	DIODE CL-197TD2-CD-T
D51	6-501-355-01	s	DIODE CL-197TD2-CD-T
D52	6-501-355-01	s	DIODE CL-197TD2-CD-T
D53	6-501-355-01	s	DIODE CL-197TD2-CD-T

Ref. No. or Q'ty	Part No.	SP	Description
D54	6-501-355-01	s	DIODE CL-197TD2-CD-T
D55	6-501-355-01	s	DIODE CL-197TD2-CD-T
D56	6-501-355-01	s	DIODE CL-197TD2-CD-T
D57	6-501-355-01	s	DIODE CL-197TD2-CD-T
D58	6-501-355-01	s	DIODE CL-197TD2-CD-T
D59	6-501-355-01	s	DIODE CL-197TD2-CD-T
D60	6-501-355-01	s	DIODE CL-197TD2-CD-T
D61	6-501-355-01	s	DIODE CL-197TD2-CD-T
D62	6-501-355-01	s	DIODE CL-197TD2-CD-T
D63	6-501-355-01	s	DIODE CL-197TD2-CD-T
D64	6-501-355-01	s	DIODE CL-197TD2-CD-T
D65	6-501-355-01	s	DIODE CL-197TD2-CD-T
D66	6-501-355-01	s	DIODE CL-197TD2-CD-T
D67	6-501-355-01	s	DIODE CL-197TD2-CD-T
D68	6-501-355-01	s	DIODE CL-197TD2-CD-T
D69	6-501-355-01	s	DIODE CL-197TD2-CD-T
D70	6-501-355-01	s	DIODE CL-197TD2-CD-T
D71	6-501-355-01	s	DIODE CL-197TD2-CD-T
D72	6-501-355-01	s	DIODE CL-197TD2-CD-T
D73	6-501-355-01	s	DIODE CL-197TD2-CD-T
D74	6-501-355-01	s	DIODE CL-197TD2-CD-T
D75	6-501-355-01	s	DIODE CL-197TD2-CD-T
D76	6-501-355-01	s	DIODE CL-197TD2-CD-T
D77	6-501-355-01	s	DIODE CL-197TD2-CD-T
D78	6-501-355-01	s	DIODE CL-197TD2-CD-T
D79	6-501-355-01	s	DIODE CL-197TD2-CD-T
D80	6-501-355-01	s	DIODE CL-197TD2-CD-T
D81	6-501-355-01	s	DIODE CL-197TD2-CD-T
D82	6-501-355-01	s	DIODE CL-197TD2-CD-T
D83	6-501-355-01	s	DIODE CL-197TD2-CD-T
D84	6-501-355-01	s	DIODE CL-197TD2-CD-T
D85	6-501-355-01	s	DIODE CL-197TD2-CD-T
D86	6-501-355-01	s	DIODE CL-197TD2-CD-T
D87	6-501-355-01	s	DIODE CL-197TD2-CD-T
D88	6-501-355-01	s	DIODE CL-197TD2-CD-T
D89	6-501-355-01	s	DIODE CL-197TD2-CD-T
D90	6-501-355-01	s	DIODE CL-197TD2-CD-T
D91	6-501-355-01	s	DIODE CL-197TD2-CD-T
D92	6-501-355-01	s	DIODE CL-197TD2-CD-T
D93	6-501-355-01	s	DIODE CL-197TD2-CD-T
D94	6-501-355-01	s	DIODE CL-197TD2-CD-T
D95	6-501-355-01	s	DIODE CL-197TD2-CD-T
D96	6-501-355-01	s	DIODE CL-197TD2-CD-T
D97	6-501-355-01	s	DIODE CL-197TD2-CD-T
D98	6-501-355-01	s	DIODE CL-197TD2-CD-T
D99	6-501-355-01	s	DIODE CL-197TD2-CD-T
D100	6-501-355-01	s	DIODE CL-197TD2-CD-T
D101	6-501-355-01	s	DIODE CL-197TD2-CD-T
D102	6-501-355-01	s	DIODE CL-197TD2-CD-T
D103	6-501-355-01	s	DIODE CL-197TD2-CD-T
D104	6-501-355-01	s	DIODE CL-197TD2-CD-T
D105	6-501-355-01	s	DIODE CL-197TD2-CD-T
D106	6-501-355-01	s	DIODE CL-197TD2-CD-T
D107	6-501-355-01	s	DIODE CL-197TD2-CD-T
D108	6-501-355-01	s	DIODE CL-197TD2-CD-T
D109	6-501-355-01	s	DIODE CL-197TD2-CD-T
D110	6-501-355-01	s	DIODE CL-197TD2-CD-T
D111	6-501-355-01	s	DIODE CL-197TD2-CD-T
D112	6-501-355-01	s	DIODE CL-197TD2-CD-T

[illegible]

(LE-285 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
D231	6-501-355-01	s	DIODE CL-197TD2-CD-T
D232	6-501-355-01	s	DIODE CL-197TD2-CD-T
D233	6-501-355-01	s	DIODE CL-197TD2-CD-T
D234	6-501-355-01	s	DIODE CL-197TD2-CD-T
D235	6-501-355-01	s	DIODE CL-197TD2-CD-T
D236	6-501-355-01	s	DIODE CL-197TD2-CD-T
D237	6-501-355-01	s	DIODE CL-197TD2-CD-T
D238	6-501-355-01	s	DIODE CL-197TD2-CD-T
D239	6-501-355-01	s	DIODE CL-197TD2-CD-T
D240	6-501-355-01	s	DIODE CL-197TD2-CD-T
D241	6-501-355-01	s	DIODE CL-197TD2-CD-T
D242	6-501-355-01	s	DIODE CL-197TD2-CD-T
D243	6-501-355-01	s	DIODE CL-197TD2-CD-T
D244	6-501-355-01	s	DIODE CL-197TD2-CD-T
D245	6-501-355-01	s	DIODE CL-197TD2-CD-T
D246	6-501-355-01	s	DIODE CL-197TD2-CD-T
D247	6-501-355-01	s	DIODE CL-197TD2-CD-T
D248	6-501-355-01	s	DIODE CL-197TD2-CD-T
D249	6-501-355-01	s	DIODE CL-197TD2-CD-T
D250	6-501-355-01	s	DIODE CL-197TD2-CD-T
D251	6-501-355-01	s	DIODE CL-197TD2-CD-T
D252	6-501-355-01	s	DIODE CL-197TD2-CD-T
D253	6-501-355-01	s	DIODE CL-197TD2-CD-T
D254	6-501-355-01	s	DIODE CL-197TD2-CD-T
D255	6-501-355-01	s	DIODE CL-197TD2-CD-T
D256	6-501-355-01	s	DIODE CL-197TD2-CD-T

LE-286 BOARD

*a: [HDLA1500/HDLA1503/HDLA1505]

*b: [HDLA1505 (UB)]

Ref. No. or Q'ty	Part No.	SP	Description
1pc	*b A-1179-372-A	s	MOUNTED CIRCUIT BOARD, LE-286P
	*a A-1101-929-A	s	MOUNTED CIRCUIT BOARD, LE-286
C2	1-107-420-21	s	CAP, CHIP ELECT 47MF
C4	1-128-414-21	s	CAP, CHIP ELECT 220MF
C9	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C11	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C13	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C15	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C17	1-126-399-21	s	CAP, CHIP ELECT 10MF (5X5.7)
C18	1-126-399-21	s	CAP, CHIP ELECT 10MF (5X5.7)
C19	1-100-352-91	s	CAP, CERAMIC 1MF C (1608)
CN1	1-784-254-21	s	CONNECTOR 10P
D1	8-719-820-42	s	DIODE 1SS302-TE85L
D2	8-719-053-96	s	DIODE CL-200HR-C-TUL
D3	8-719-053-96	s	DIODE CL-200HR-C-TUL
D4	8-719-053-96	s	DIODE CL-200HR-C-TUL
D5	8-719-053-96	s	DIODE CL-200HR-C-TUL
D6	8-719-053-96	s	DIODE CL-200HR-C-TUL
D7	8-719-053-96	s	DIODE CL-200HR-C-TUL
D8	8-719-053-96	s	DIODE CL-200HR-C-TUL
D9	8-719-053-96	s	DIODE CL-200HR-C-TUL
D10	8-719-053-96	s	DIODE CL-200HR-C-TUL
D11	8-719-053-96	s	DIODE CL-200HR-C-TUL
D12	8-719-053-96	s	DIODE CL-200HR-C-TUL
D13	8-719-053-96	s	DIODE CL-200HR-C-TUL
D14	8-719-053-96	s	DIODE CL-200HR-C-TUL
D15	8-719-053-96	s	DIODE CL-200HR-C-TUL
D16	8-719-053-96	s	DIODE CL-200HR-C-TUL
D17	8-719-053-96	s	DIODE CL-200HR-C-TUL
D18	8-719-053-96	s	DIODE CL-200HR-C-TUL
D19	8-719-053-96	s	DIODE CL-200HR-C-TUL
D20	8-719-053-96	s	DIODE CL-200HR-C-TUL
D21	8-719-053-96	s	DIODE CL-200HR-C-TUL
D22	8-719-053-96	s	DIODE CL-200HR-C-TUL
D23	8-719-053-96	s	DIODE CL-200HR-C-TUL
D24	8-719-053-96	s	DIODE CL-200HR-C-TUL
D25	8-719-053-96	s	DIODE CL-200HR-C-TUL
D26	8-719-053-96	s	DIODE CL-200HR-C-TUL
D27	8-719-053-96	s	DIODE CL-200HR-C-TUL
D28	8-719-053-96	s	DIODE CL-200HR-C-TUL
D29	8-719-053-96	s	DIODE CL-200HR-C-TUL
D30	8-719-053-96	s	DIODE CL-200HR-C-TUL
D31	8-719-053-96	s	DIODE CL-200HR-C-TUL
D32	8-719-053-96	s	DIODE CL-200HR-C-TUL
D33	8-719-053-96	s	DIODE CL-200HR-C-TUL
D34	8-719-053-96	s	DIODE CL-200HR-C-TUL
D35	8-719-053-96	s	DIODE CL-200HR-C-TUL
D36	8-719-053-96	s	DIODE CL-200HR-C-TUL
D37	8-719-053-96	s	DIODE CL-200HR-C-TUL
D38	8-719-053-96	s	DIODE CL-200HR-C-TUL
D39	8-719-053-96	s	DIODE CL-200HR-C-TUL
D40	8-719-053-96	s	DIODE CL-200HR-C-TUL
D41	8-719-053-96	s	DIODE CL-200HR-C-TUL
D42	8-719-053-96	s	DIODE CL-200HR-C-TUL

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Ref. No. or Q'ty	Part No.	SP	Description
D43	8-719-053-96	s	DIODE CL-200HR-C-TUL
D44	8-719-053-96	s	DIODE CL-200HR-C-TUL
D45	8-719-053-96	s	DIODE CL-200HR-C-TUL
D46	8-719-053-96	s	DIODE CL-200HR-C-TUL
D47	8-719-053-96	s	DIODE CL-200HR-C-TUL
D48	8-719-053-96	s	DIODE CL-200HR-C-TUL
D49	8-719-053-96	s	DIODE CL-200HR-C-TUL
D50	8-719-053-96	s	DIODE CL-200HR-C-TUL
D51	8-719-053-96	s	DIODE CL-200HR-C-TUL
D52	8-719-053-96	s	DIODE CL-200HR-C-TUL
D53	8-719-053-96	s	DIODE CL-200HR-C-TUL
D54	8-719-053-96	s	DIODE CL-200HR-C-TUL
D55	8-719-053-96	s	DIODE CL-200HR-C-TUL
D56	8-719-053-96	s	DIODE CL-200HR-C-TUL
D57	8-719-053-96	s	DIODE CL-200HR-C-TUL
D58	8-719-053-96	s	DIODE CL-200HR-C-TUL
D59	8-719-053-96	s	DIODE CL-200HR-C-TUL
D60	8-719-053-96	s	DIODE CL-200HR-C-TUL
D61	8-719-053-96	s	DIODE CL-200HR-C-TUL
IC1	8-759-529-76	s	IC TC74VHC595FT (EL)
IC2	8-759-529-76	s	IC TC74VHC595FT (EL)
IC3	8-759-529-76	s	IC TC74VHC595FT (EL)
IC4	8-759-529-76	s	IC TC74VHC595FT (EL)
L1	1-416-510-21	s	COIL, CHOKE 100UH
L2	1-424-700-21	s	COIL, CHOKE (SMD) 100UH
Q1	8-729-928-55	s	TRANSISTOR DTA123JE-TL
Q2	8-729-928-55	s	TRANSISTOR DTA123JE-TL
Q3	8-729-928-55	s	TRANSISTOR DTA123JE-TL
Q4	8-729-928-55	s	TRANSISTOR DTA123JE-TL
Q5	8-729-928-55	s	TRANSISTOR DTA123JE-TL
Q6	8-729-928-55	s	TRANSISTOR DTA123JE-TL
Q7	8-729-928-55	s	TRANSISTOR DTA123JE-TL
Q8	8-729-928-55	s	TRANSISTOR DTA123JE-TL
Q9	8-729-928-55	s	TRANSISTOR DTA123JE-TL
Q10	8-729-928-55	s	TRANSISTOR DTA123JE-TL
Q11	8-729-928-55	s	TRANSISTOR DTA123JE-TL
Q12	8-729-928-55	s	TRANSISTOR DTA123JE-TL
Q13	8-729-928-55	s	TRANSISTOR DTA123JE-TL
Q14	8-729-928-55	s	TRANSISTOR DTA123JE-TL
Q15	8-729-928-55	s	TRANSISTOR DTA123JE-TL
Q16	8-729-928-55	s	TRANSISTOR DTA123JE-TL
Q17	8-729-928-55	s	TRANSISTOR DTA123JE-TL
Q18	8-729-928-55	s	TRANSISTOR DTA123JE-TL
Q19	8-729-928-55	s	TRANSISTOR DTA123JE-TL
Q20	8-729-928-55	s	TRANSISTOR DTA123JE-TL
Q21	8-729-928-55	s	TRANSISTOR DTA123JE-TL
Q22	8-729-928-55	s	TRANSISTOR DTA123JE-TL
Q23	8-729-928-55	s	TRANSISTOR DTA123JE-TL
Q24	8-729-928-55	s	TRANSISTOR DTA123JE-TL
Q25	8-729-928-55	s	TRANSISTOR DTA123JE-TL
Q26	8-729-928-55	s	TRANSISTOR DTA123JE-TL
Q27	8-729-928-55	s	TRANSISTOR DTA123JE-TL
Q28	8-729-928-55	s	TRANSISTOR DTA123JE-TL
Q29	8-729-928-55	s	TRANSISTOR DTA123JE-TL
Q30	8-729-928-55	s	TRANSISTOR DTA123JE-TL
Q31	8-729-928-55	s	TRANSISTOR DTA123JE-TL
Q32	8-729-928-55	s	TRANSISTOR DTA123JE-TL
Q33	8-729-209-77	s	TRANSISTOR 2SC2873Y-TE12L

(LE-286 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
Q34	8-729-209-77	s	TRANSISTOR 2SC2873Y-TE12L
Q35	8-729-209-77	s	TRANSISTOR 2SC2873Y-TE12L
Q36	8-729-209-77	s	TRANSISTOR 2SC2873Y-TE12L
Q37	8-729-209-77	s	TRANSISTOR 2SC2873Y-TE12L
Q38	8-729-209-77	s	TRANSISTOR 2SC2873Y-TE12L
Q39	8-729-209-77	s	TRANSISTOR 2SC2873Y-TE12L
Q40	8-729-209-77	s	TRANSISTOR 2SC2873Y-TE12L
Q41	8-729-209-77	s	TRANSISTOR 2SC2873Y-TE12L
Q42	8-729-209-77	s	TRANSISTOR 2SC2873Y-TE12L
Q43	8-729-209-77	s	TRANSISTOR 2SC2873Y-TE12L
Q44	8-729-209-77	s	TRANSISTOR 2SC2873Y-TE12L
Q45	8-729-209-77	s	TRANSISTOR 2SC2873Y-TE12L
Q46	8-729-209-77	s	TRANSISTOR 2SC2873Y-TE12L
Q47	8-729-209-77	s	TRANSISTOR 2SC2873Y-TE12L
Q48	8-729-209-77	s	TRANSISTOR 2SC2873Y-TE12L
Q49	8-729-209-77	s	TRANSISTOR 2SC2873Y-TE12L
Q50	8-729-209-77	s	TRANSISTOR 2SC2873Y-TE12L
Q51	8-729-209-77	s	TRANSISTOR 2SC2873Y-TE12L
Q52	8-729-209-77	s	TRANSISTOR 2SC2873Y-TE12L
Q53	8-729-209-77	s	TRANSISTOR 2SC2873Y-TE12L
Q54	8-729-209-77	s	TRANSISTOR 2SC2873Y-TE12L
Q55	8-729-209-77	s	TRANSISTOR 2SC2873Y-TE12L
Q56	8-729-209-77	s	TRANSISTOR 2SC2873Y-TE12L
Q57	8-729-209-77	s	TRANSISTOR 2SC2873Y-TE12L
Q58	8-729-209-77	s	TRANSISTOR 2SC2873Y-TE12L
Q59	8-729-209-77	s	TRANSISTOR 2SC2873Y-TE12L
Q60	8-729-209-77	s	TRANSISTOR 2SC2873Y-TE12L
Q61	8-729-928-05	s	TRANSISTOR 2SC4617TL-QR
Q62	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q63	8-729-928-82	s	TRANSISTOR DTC144EE-TL
R1	1-208-863-81	s	RES, CHIP 100 (1005)
R2	1-208-863-81	s	RES, CHIP 100 (1005)
R3	1-208-863-81	s	RES, CHIP 100 (1005)
R4	1-208-863-81	s	RES, CHIP 100 (1005)
R5	1-208-927-81	s	RES, CHIP 47K (1005)
R6	1-208-927-81	s	RES, CHIP 47K (1005)
R7	1-208-927-81	s	RES, CHIP 47K (1005)
R8	1-208-927-81	s	RES, CHIP 47K (1005)
R9	1-208-911-81	s	RES, CHIP 10K (1005)
R10	1-208-911-81	s	RES, CHIP 10K (1005)
R11	1-208-911-81	s	RES, CHIP 10K (1005)
R12	1-208-911-81	s	RES, CHIP 10K (1005)
R13	1-211-977-91	s	RES, CHIP 22 (1608)
R14	1-211-977-91	s	RES, CHIP 22 (1608)
R15	1-211-977-91	s	RES, CHIP 22 (1608)
R16	1-211-977-91	s	RES, CHIP 22 (1608)
R17	1-211-977-91	s	RES, CHIP 22 (1608)
R18	1-211-977-91	s	RES, CHIP 22 (1608)
R19	1-211-977-91	s	RES, CHIP 22 (1608)
R20	1-211-977-91	s	RES, CHIP 22 (1608)
R21	1-211-977-91	s	RES, CHIP 22 (1608)
R22	1-211-977-91	s	RES, CHIP 22 (1608)
R23	1-211-977-91	s	RES, CHIP 22 (1608)
R24	1-211-977-91	s	RES, CHIP 22 (1608)
R25	1-211-977-91	s	RES, CHIP 22 (1608)
R26	1-211-977-91	s	RES, CHIP 22 (1608)
R27	1-211-977-91	s	RES, CHIP 22 (1608)
R28	1-211-977-91	s	RES, CHIP 22 (1608)
R29	1-208-871-81	s	RES, CHIP 220 (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R30	1-208-871-81	s	RES, CHIP 220 (1005)
R31	1-208-871-81	s	RES, CHIP 220 (1005)
R32	1-208-871-81	s	RES, CHIP 220 (1005)
R33	1-208-871-81	s	RES, CHIP 220 (1005)
R34	1-208-871-81	s	RES, CHIP 220 (1005)
R35	1-208-871-81	s	RES, CHIP 220 (1005)
R36	1-208-871-81	s	RES, CHIP 220 (1005)
R37	1-208-871-81	s	RES, CHIP 220 (1005)
R38	1-208-871-81	s	RES, CHIP 220 (1005)
R39	1-208-871-81	s	RES, CHIP 220 (1005)
R40	1-208-871-81	s	RES, CHIP 220 (1005)
R41	1-208-871-81	s	RES, CHIP 220 (1005)
R42	1-208-871-81	s	RES, CHIP 220 (1005)
R43	1-208-871-81	s	RES, CHIP 220 (1005)
R44	1-208-871-81	s	RES, CHIP 220 (1005)
R45	1-208-911-81	s	RES, CHIP 10K (1005)
R46	1-208-911-81	s	RES, CHIP 10K (1005)
R47	1-208-911-81	s	RES, CHIP 10K (1005)
R48	1-208-911-81	s	RES, CHIP 10K (1005)
R49	1-208-911-81	s	RES, CHIP 10K (1005)
R50	1-208-911-81	s	RES, CHIP 10K (1005)
R51	1-208-911-81	s	RES, CHIP 10K (1005)
R52	1-208-911-81	s	RES, CHIP 10K (1005)
R53	1-208-911-81	s	RES, CHIP 10K (1005)
R54	1-208-911-81	s	RES, CHIP 10K (1005)
R55	1-208-911-81	s	RES, CHIP 10K (1005)
R56	1-208-911-81	s	RES, CHIP 10K (1005)
R57	1-208-911-81	s	RES, CHIP 10K (1005)
R58	1-208-911-81	s	RES, CHIP 10K (1005)
R59	1-208-911-81	s	RES, CHIP 10K (1005)
R60	1-208-911-81	s	RES, CHIP 10K (1005)
R61	1-208-859-81	s	RES, CHIP 68 (1005)
R62	1-208-859-81	s	RES, CHIP 68 (1005)
R63	1-208-859-81	s	RES, CHIP 68 (1005)
R64	1-208-859-81	s	RES, CHIP 68 (1005)
R65	1-208-859-81	s	RES, CHIP 68 (1005)
R66	1-208-859-81	s	RES, CHIP 68 (1005)
R67	1-208-859-81	s	RES, CHIP 68 (1005)
R68	1-208-859-81	s	RES, CHIP 68 (1005)
R69	1-208-859-81	s	RES, CHIP 68 (1005)
R70	1-208-859-81	s	RES, CHIP 68 (1005)
R71	1-208-859-81	s	RES, CHIP 68 (1005)
R72	1-208-859-81	s	RES, CHIP 68 (1005)
R73	1-218-236-91	s	RES, SQUARE TYPE CHIP 1.0 (3225)
R74	1-208-863-81	s	RES, CHIP 100 (1005)
R75	1-208-911-81	s	RES, CHIP 10K (1005)
R76	1-208-911-81	s	RES, CHIP 10K (1005)
R77	1-208-911-81	s	RES, CHIP 10K (1005)
R78	1-208-911-81	s	RES, CHIP 10K (1005)

PS-763 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1761-689-A	s MOUNTED CIRCUIT BOARD, PS-763
1pc	1-562-211-11	o HOUSING, CONNECTOR 3P
1pc	1-967-479-11	s HARNESS, SUB (DU-POWER)
1pc	4-153-406-23	s TUBE (DIA. 8.2 L10)
1pc	4-191-647-01	s HEATSINK(A80), DIODE
1pc	4-191-651-01	s SHEET(A80-T2),DIODE THERMAL
1pc	4-191-653-01	s SHEET(A80-T0.5), DIODE THERMAL
1pc	7-682-550-04	s SCREW +B 3X12
C100	Δ 1-100-862-11	s CAP, FILM 0.22MF
C101	Δ 1-100-862-11	s CAP, FILM 0.22MF
C103	1-116-381-11	s CAP, CERAMIC X7R 0.47MF
C104	1-115-416-91	s CAP,CHIP CERAMIC1000PF CH 1608
C201	1-115-416-91	s CAP,CHIP CERAMIC1000PF CH 1608
C203	1-115-339-91	s CAP, CERAMIC 0.1MF B (2012)
C204	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C205	1-112-298-91	o CAP, CERAMIC 1MF B (1608)
C206	1-115-416-91	s CAP,CHIP CERAMIC1000PF CH 1608
C207	1-116-296-11	s CAP, ELECT 150MF
C210	1-115-339-91	s CAP, CERAMIC 0.1MF B (2012)
C211	1-115-416-91	s CAP,CHIP CERAMIC1000PF CH 1608
C212	1-114-503-21	s CAP, CERAMIC 10MF C 5750
C213	1-135-960-91	s CAP, CHIP CERAMIC 10MF B(3225)
C214	1-114-921-21	s CAP, CERAMIC 0.22MF X7R (5750)
C215	Δ 1-116-445-11	s CAP, ELECT 100MF
C217	1-135-960-91	s CAP, CHIP CERAMIC 10MF B(3225)
C219	1-115-412-91	s CAP,CHIP CERAMIC 680PF CH 1608
C220	1-114-921-21	s CAP, CERAMIC 0.22MF X7R (5750)
C221	1-127-715-91	s CAP,CHIP CERAMIC 0.22MF B 1608
C222	1-114-983-91	s CAP, CHIP CERAMIC 2.2MF B 1608
C301	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C302	1-162-970-91	s CAP, CERAMIC 0.01MF B 1608
C303	1-114-564-11	o CAP, CERAMIC 4.7MF C 3225
C304	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C306	1-115-416-91	s CAP,CHIP CERAMIC1000PF CH 1608
C307	1-115-412-91	s CAP,CHIP CERAMIC 680PF CH 1608
C308	1-135-960-91	s CAP, CHIP CERAMIC 10MF B(3225)
C309	1-112-015-91	s CAP, CHIP CERAMIC 47MF B 3225
C310	1-116-296-11	s CAP, ELECT 150MF
C311	1-115-412-91	s CAP,CHIP CERAMIC 680PF CH 1608
C312	1-135-960-91	s CAP, CHIP CERAMIC 10MF B(3225)
C314	1-135-960-91	s CAP, CHIP CERAMIC 10MF B(3225)
C317	1-114-921-21	s CAP, CERAMIC 0.22MF X7R (5750)
C318	Δ 1-116-445-11	s CAP, ELECT 100MF
C319	1-137-798-22	s CAP, METALIZED PP FILM 82000PF
C321	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C322	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C400	1-100-880-91	s CAP, CERAMIC 100MF C (3225)
C401	1-100-880-91	s CAP, CERAMIC 100MF C (3225)
C402	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C403	1-114-503-21	s CAP, CERAMIC 10MF C 5750
C1100	Δ 1-113-903-51	s CAP, CERAMIC 1000PF E
C1101	Δ 1-113-903-51	s CAP, CERAMIC 1000PF E
C1102	Δ 1-113-907-51	s CAP, CERAMIC 2200PF E
C1113	1-115-339-91	s CAP, CERAMIC 0.1MF B (2012)
C1200	1-115-339-91	s CAP, CERAMIC 0.1MF B (2012)
C1201	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C1202	1-164-230-91	s CAP,CERAMIC 220PF CH 1608
C1203	1-116-296-11	s CAP, ELECT 150MF

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Ref. No. or Q'ty	Part No.	SP Description
C1215	1-115-416-91	s CAP,CHIP CERAMIC1000PF CH 1608
C1216	1-115-339-91	s CAP, CERAMIC 0.1MF B (2012)
C1300	1-115-416-91	s CAP,CHIP CERAMIC1000PF CH 1608
C1301	1-115-416-91	s CAP,CHIP CERAMIC1000PF CH 1608
C1302	1-115-339-91	s CAP, CERAMIC 0.1MF B (2012)
C1304	1-115-339-91	s CAP, CERAMIC 0.1MF B (2012)
C1305	1-165-629-91	s CAP, CERAMIC 1000000PF B(3225)
C1306	1-165-629-91	s CAP, CERAMIC 1000000PF B(3225)
C1308	1-165-629-91	s CAP, CERAMIC 1000000PF B(3225)
C1315	1-135-960-91	s CAP, CHIP CERAMIC 10MF B(3225)
C1316	1-135-960-91	s CAP, CHIP CERAMIC 10MF B(3225)
C1318	1-116-296-11	s CAP, ELECT 150MF
C1320	1-112-244-11	s CAP, ELECT 2200MF 105
C1322	1-162-966-91	s CAP, CERAMIC 2200PF B 1608
C1323	1-135-960-91	s CAP, CHIP CERAMIC 10MF B(3225)
C1325	1-116-296-11	s CAP, ELECT 150MF
C1327	1-112-687-11	s CAP, CERAMIC 1000PF U2J (3216)
C1328	1-112-687-11	s CAP, CERAMIC 1000PF U2J (3216)
CN100	Δ 1-691-961-11	s PIN, CONNECTOR (PC BOARD) 3P
CN101	Δ 1-580-690-11	o PIN, CONNECTOR (PC BOARD) 4P
CN1103	1-770-469-21	s PIN, CONNECTOR (PC BOARD) 2P
D101	Δ 6-503-073-01	s DI S10WB60
D102	Δ 6-500-839-01	s DIODE D1UBA80
D202	8-719-069-28	s DI 1SS400FJTE61
D203	8-719-083-66	s DI UDZSUSTE-1718B
D204	6-501-658-01	s DIODE D1FK60
D205	6-502-768-01	s DI DE5L60U
D206	8-719-069-28	s DI 1SS400FJTE61
D207	8-719-069-55	s DI UDZSUSTE-175.6B
D209	6-501-658-01	s DIODE D1FK60
D210	6-501-439-01	s DIODE ST02D-170F2
D211	8-719-069-28	s DI 1SS400FJTE61
D212	8-719-069-60	s DI UDZSUSTE-179.1B
D300	8-719-069-28	s DI 1SS400FJTE61
D302	8-719-069-28	s DI 1SS400FJTE61
D307	8-719-080-69	s DIODE M1FS4-4063
D308	8-719-083-66	s DI UDZSUSTE-1718B
D309	6-501-658-01	s DIODE D1FK60
D310	8-719-056-48	s DIODE 1SS388(TPL3)
D311	8-719-080-69	s DIODE M1FS4-4063
D312	6-501-658-01	s DIODE D1FK60
D313	8-719-080-69	s DIODE M1FS4-4063
D314	8-719-083-66	s DI UDZSUSTE-1718B
D315	8-719-083-66	s DI UDZSUSTE-1718B
D318	6-501-658-01	s DIODE D1FK60
D400	6-501-658-01	s DIODE D1FK60
D401	8-719-069-28	s DI 1SS400FJTE61
D402	8-719-069-28	s DI 1SS400FJTE61
D403	6-501-124-01	s DIODE RSX101VA-30TR
D1100	6-501-124-01	s DIODE RSX101VA-30TR
D1200	8-719-027-63	s DIODE D2FL20U-TA
E1100	1-780-318-11	s TERMINAL, LUG
E1104	1-780-318-11	s TERMINAL, LUG
F100	Δ 1-576-659-11	s FUSE (5A 250V) (5A/250V)
F101	Δ 1-523-143-11	s FUSE (TIME-LAG) 6.3A (6.3A/500V)
FB200	1-400-150-21	s FERRITE, EMI (SMD) (4516)
FB300	1-400-150-21	s FERRITE, EMI (SMD) (4516)

(PS-763 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
FB301	1-400-150-21	s	FERRITE, EMI (SMD) (4516)
IC200	6-716-177-01	s	IC UCC28050DR
IC201	8-759-175-30	s	IC NJM78L12UA-TE1
IC202	△ 6-713-051-01	s	IC STR-A6153E
IC300	8-759-338-95	s	IC NJM2903V(TE2)
IC301	6-706-852-01	s	IC CXD9841M
IC302	6-711-947-01	s	IC MM1431CURE
IC400	8-759-681-48	s	IC NJM317DL1
IC1200	6-711-947-01	s	IC MM1431CURE
IC1300	6-711-947-01	s	IC MM1431CURE
IC1302	6-714-755-01	s	IC IR1168STRPBF
L100	△ 1-424-598-11	s	COIL, CHOKE
L200	1-481-603-11	s	BEAD, AMORPHOUS AB-SN 3X2X3SM
L1300	1-481-602-11	s	BEAD, AMORPHOUS AB-SN 4X2X6SM
L1301	1-481-602-11	s	BEAD, AMORPHOUS AB-SN 4X2X6SM
PH1100	△ 8-749-016-82	s	PHOTO COUPLER PC123GY2J00F
PH1200	△ 6-600-753-01	s	PHOTO COUPLER TLP719F
PH1300	△ 8-749-016-82	s	PHOTO COUPLER PC123GY2J00F
PH1301	△ 6-600-753-01	s	PHOTO COUPLER TLP719F
Q200	6-552-266-01	s	TR 2SK3398 (T4LSONY,Q)
Q201	6-552-494-01	s	TR SI2307CDS-T1-GE3
Q202	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q301	△ 6-552-266-01	s	TR 2SK3398 (T4LSONY,Q)
Q302	△ 6-552-266-01	s	TR 2SK3398 (T4LSONY,Q)
Q303	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q400	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q401	6-550-750-01	s	TRANSISTOR SSM3K15FS-TE85L
Q402	6-550-750-01	s	TRANSISTOR SSM3K15FS-TE85L
Q403	6-550-750-01	s	TRANSISTOR SSM3K15FS-TE85L
Q1300	6-552-039-01	s	TR SUD50N06-09L
Q1301	6-552-039-01	s	TR SUD50N06-09L
R100	△ 1-250-300-11	s	RES, CHIP 1M 6332 5%
R101	△ 1-250-300-11	s	RES, CHIP 1M 6332 5%
R102	△ 1-250-300-11	s	RES, CHIP 1M 6332 5%
R103	△ 1-250-300-11	s	RES, CHIP 1M 6332 5%
R104	1-220-305-91	o	RES,SQUARE TYPE CHIP 22K(4532)
R105	1-220-305-91	o	RES,SQUARE TYPE CHIP 22K(4532)
R106	1-220-305-91	o	RES,SQUARE TYPE CHIP 22K(4532)
R107	1-220-305-91	o	RES,SQUARE TYPE CHIP 22K(4532)
R108	1-220-305-91	o	RES,SQUARE TYPE CHIP 22K(4532)
R109	1-220-281-91	s	RES,SQUARE TYPE CHIP 4.7K 3225
R110	1-218-895-91	s	RES, CHIP 100K (1608)
R200	1-220-323-91	s	RES,SQUARE TYPE CHIP 680K 3225
R201	1-220-323-91	s	RES,SQUARE TYPE CHIP 680K 3225
R202	1-220-319-91	s	RES,SQUARE TYPE CHIP 330K 3225
R203	1-218-875-91	s	RES, CHIP 15K (1608)
R206	1-218-859-91	s	RES, CHIP 3.3K (1608)
R208	1-218-879-91	s	RES, CHIP 22K (1608)
R209	1-220-250-91	s	RES, SQUARE TYPE CHIP 10(4532)
R210	1-218-839-91	s	RES, CHIP 470 (1608)
R211	1-218-895-91	s	RES, CHIP 100K (1608)
R212	1-219-611-21	s	RES, CHIP (SQUARE TYPE) 0.047
R213	1-219-611-21	s	RES, CHIP (SQUARE TYPE) 0.047
R214	1-220-323-91	s	RES,SQUARE TYPE CHIP 680K 3225
R215	1-220-323-91	s	RES,SQUARE TYPE CHIP 680K 3225
R216	1-218-895-91	s	RES, CHIP 100K (1608)
R218	1-218-871-91	s	RES, CHIP 10K (1608)

(PS-763 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R223	1-218-236-91	s	RES,SQUARE TYPE CHIP 1.0(3225)
R224	1-218-236-91	s	RES,SQUARE TYPE CHIP 1.0(3225)
R225	1-220-230-91	s	RES,SQUARE TYPE CHIP 2.2(3225)
R226	1-211-977-91	s	RES, CHIP 22 (1608)
R227	1-220-238-91	s	RES, SQUARE TYPE CHIP 10(3225)
R229	1-218-879-91	s	RES, CHIP 22K (1608)
R230	1-218-871-91	s	RES, CHIP 10K (1608)
R231	1-218-823-91	s	RES, CHIP 100 (1608)
R300	1-220-319-91	s	RES,SQUARE TYPE CHIP 330K 3225
R301	1-220-319-91	s	RES,SQUARE TYPE CHIP 330K 3225
R302	1-220-319-91	s	RES,SQUARE TYPE CHIP 330K 3225
R303	1-218-867-91	s	RES, CHIP 6.8K (1608)
R304	1-220-319-91	s	RES,SQUARE TYPE CHIP 330K 3225
R305	1-220-319-91	s	RES,SQUARE TYPE CHIP 330K 3225
R306	1-218-847-91	s	RES, CHIP 1.0K (1608)
R307	1-218-863-91	s	RES, CHIP 4.7K (1608)
R308	1-218-871-91	s	RES, CHIP 10K (1608)
R309	1-218-867-91	s	RES, CHIP 6.8K (1608)
R310	1-218-851-91	s	RES, CHIP 1.5K (1608)
R311	1-218-899-91	s	RES, CHIP 150K (1608)
R314	1-218-899-91	s	RES, CHIP 150K (1608)
R315	1-218-871-91	s	RES, CHIP 10K (1608)
R316	1-218-871-91	s	RES, CHIP 10K (1608)
R317	1-218-879-91	s	RES, CHIP 22K (1608)
R318	1-218-863-91	s	RES, CHIP 4.7K (1608)
R319	1-218-875-91	s	RES, CHIP 15K (1608)
R320	1-211-977-91	s	RES, CHIP 22 (1608)
R321	1-218-875-91	s	RES, CHIP 15K (1608)
R323	1-218-823-91	s	RES, CHIP 100 (1608)
R324	1-220-319-91	s	RES,SQUARE TYPE CHIP 330K 3225
R325	1-218-843-91	s	RES, CHIP 680 (1608)
R326	1-220-319-91	s	RES,SQUARE TYPE CHIP 330K 3225
R327	1-220-242-91	s	RES, SQUARE TYPE CHIP 22(3225)
R329	1-220-242-91	s	RES, SQUARE TYPE CHIP 22(3225)
R330	1-220-319-91	s	RES,SQUARE TYPE CHIP 330K 3225
R332	1-218-895-91	s	RES, CHIP 100K (1608)
R333	1-218-895-91	s	RES, CHIP 100K (1608)
R334	1-220-264-91	s	RES,SQUARE TYPE CHIP 1.0K 3225
R336	1-219-611-21	s	RES, CHIP (SQUARE TYPE) 0.047
R337	1-219-611-21	s	RES, CHIP (SQUARE TYPE) 0.047
R338	1-218-232-91	s	RES,SQUARE TYPE CHIP 4.7(4532)
R339	1-218-855-91	s	RES, CHIP 2.2K (1608)
R340	1-218-895-91	s	RES, CHIP 100K (1608)
R343	1-220-230-91	s	RES,SQUARE TYPE CHIP 2.2(3225)
R400	1-218-871-91	s	RES, CHIP 10K (1608)
R401	1-218-839-91	s	RES, CHIP 470 (1608)
R402	1-218-839-91	s	RES, CHIP 470 (1608)
R403	1-218-871-91	s	RES, CHIP 10K (1608)
R404	1-218-887-91	s	RES, CHIP 47K (1608)
R405	1-218-835-91	s	RES, CHIP 330 (1608)
R406	1-218-847-91	s	RES, CHIP 1.0K (1608)
R407	1-218-851-91	s	RES, CHIP 1.5K (1608)
R408	1-218-831-91	s	RES, CHIP 220 (1608)
R1200	1-218-847-91	s	RES, CHIP 1.0K (1608)
R1201	1-218-895-91	s	RES, CHIP 100K (1608)
R1202	1-218-843-91	s	RES, CHIP 680 (1608)
R1203	1-218-823-91	s	RES, CHIP 100 (1608)
R1204	1-218-851-91	s	RES, CHIP 1.5K (1608)
R1205	1-218-891-91	s	RES, CHIP 68K (1608)

(PS-763 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R1206	1-218-875-91	s RES, CHIP 15K (1608)
R1302	1-218-847-91	s RES, CHIP 1.0K (1608)
R1303	1-218-895-91	s RES, CHIP 100K (1608)
R1304	1-218-887-91	s RES, CHIP 47K (1608)
R1305	1-220-234-91	s RES,SQUARE TYPE CHIP 4.7(3225)
R1307	1-220-234-91	s RES,SQUARE TYPE CHIP 4.7(3225)
R1318	1-220-242-91	s RES, SQUARE TYPE CHIP 22(3225)
R1324	1-218-823-91	s RES, CHIP 100 (1608)
R1325	1-218-863-91	s RES, CHIP 4.7K (1608)
R1326	1-218-891-91	s RES, CHIP 68K (1608)
R1327	1-218-875-91	s RES, CHIP 15K (1608)
R1331	1-220-258-91	s RES,SQUARE TYPE CHIP 100(3225)
R1332	1-220-258-91	s RES,SQUARE TYPE CHIP 100(3225)
RY1100	△ 1-755-651-11	s RELAY
T200	△ 1-457-879-11	s COIL, CHOK 150UH
T1200	△ 1-445-805-11	s TRANSFORMER, DC-DC CONVERTER
T1300	△ 1-445-789-11	s TRANSFORMER, DC-DC CONVERTER
THP200	△ 1-803-615-21	s THERMISTOR, POSITIVE
TP1103	1-458-218-11	s SOCKET (FOR THROUGH HALL)
TP1104	1-458-218-11	s SOCKET (FOR THROUGH HALL)

PS-766 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1765-785-A	s MOUNTED CIRCUIT BOARD, PS-766
C1107	1-112-298-91	o CAP, CERAMIC 1MF B (1608)
C1111	1-135-960-91	s CAP, CHIP CERAMIC 10MF B(3225)
C1112	1-135-960-91	s CAP, CHIP CERAMIC 10MF B(3225)
C1205	1-135-960-91	s CAP, CHIP CERAMIC 10MF B(3225)
C1208	1-114-564-11	o CAP, CERAMIC 4.7MF C 3225
C1214	1-135-960-91	s CAP, CHIP CERAMIC 10MF B(3225)
C1324	1-116-296-11	s CAP, ELECT 150MF
C1326	1-135-960-91	s CAP, CHIP CERAMIC 10MF B(3225)
C1334	1-116-296-11	s CAP, ELECT 150MF
C1335	1-116-296-11	s CAP, ELECT 150MF
C1336	1-116-296-11	s CAP, ELECT 150MF
C1401	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C1402	1-115-339-91	s CAP, CERAMIC 0.1MF B (2012)
C1404	1-114-503-21	s CAP, CERAMIC 10MF C 5750
C1405	1-135-960-91	s CAP, CHIP CERAMIC 10MF B(3225)
C1406	1-162-970-91	s CAP, CERAMIC 0.01MF B 1608
C1408	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C1409	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C1410	1-135-960-91	s CAP, CHIP CERAMIC 10MF B(3225)
C1411	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C1412	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C1413	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C1414	1-114-983-91	s CAP, CHIP CERAMIC 2.2MF B 1608
C1415	1-114-983-91	s CAP, CHIP CERAMIC 2.2MF B 1608
C1416	1-114-983-91	s CAP, CHIP CERAMIC 2.2MF B 1608
C1417	1-114-564-11	o CAP, CERAMIC 4.7MF C 3225
C1418	1-135-960-91	s CAP, CHIP CERAMIC 10MF B(3225)
C1419	1-135-960-91	s CAP, CHIP CERAMIC 10MF B(3225)
C1420	1-135-960-91	s CAP, CHIP CERAMIC 10MF B(3225)
C1421	1-135-960-91	s CAP, CHIP CERAMIC 10MF B(3225)
C1422	1-164-230-91	s CAP,CERAMIC 220PF CH 1608
C1423	1-135-960-91	s CAP, CHIP CERAMIC 10MF B(3225)
C1424	1-135-960-91	s CAP, CHIP CERAMIC 10MF B(3225)
C1425	1-164-230-91	s CAP,CERAMIC 220PF CH 1608
C1432	1-135-960-91	s CAP, CHIP CERAMIC 10MF B(3225)
C1433	1-115-339-91	s CAP, CERAMIC 0.1MF B (2012)
C1435	1-115-339-91	s CAP, CERAMIC 0.1MF B (2012)
C1436	1-115-339-91	s CAP, CERAMIC 0.1MF B (2012)
C1437	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C1438	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C1439	1-164-230-91	s CAP,CERAMIC 220PF CH 1608
C1440	1-135-960-91	s CAP, CHIP CERAMIC 10MF B(3225)
C1441	1-162-970-91	s CAP, CERAMIC 0.01MF B 1608
C2000	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C2001	1-100-880-91	s CAP, CERAMIC 100MF C (3225)
C2002	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C2003	1-112-298-91	o CAP, CERAMIC 1MF B (1608)
C2004	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C2005	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C2006	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C2007	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C2008	1-112-298-91	o CAP, CERAMIC 1MF B (1608)
C2009	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608
C2010	1-135-960-91	s CAP, CHIP CERAMIC 10MF B(3225)
C2011	1-115-416-91	s CAP,CHIP CERAMIC1000PF CH 1608
C2012	1-162-970-91	s CAP, CERAMIC 0.01MF B 1608
C2013	1-100-597-91	s CAP, CHIP CERAMIC 0.1MF B 1608

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Ref. No. or Q'ty	Part No.	SP	Description
C2014	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C2015	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C2016	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C2017	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C3000	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C3001	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C3002	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C3003	1-162-970-91	s	CAP, CERAMIC 0.01MF B 1608
C3004	1-164-230-91	s	CAP, CERAMIC 220PF CH 1608
C3006	1-162-970-91	s	CAP, CERAMIC 0.01MF B 1608
C3007	1-162-970-91	s	CAP, CERAMIC 0.01MF B 1608
C3009	1-162-970-91	s	CAP, CERAMIC 0.01MF B 1608
C3010	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C3020	1-164-230-91	s	CAP, CERAMIC 220PF CH 1608
C3021	1-164-230-91	s	CAP, CERAMIC 220PF CH 1608
C3022	1-164-230-91	s	CAP, CERAMIC 220PF CH 1608
C3023	1-164-230-91	s	CAP, CERAMIC 220PF CH 1608
C3024	1-164-230-91	s	CAP, CERAMIC 220PF CH 1608
C3025	1-164-230-91	s	CAP, CERAMIC 220PF CH 1608
C4000	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C4001	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C4002	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C4003	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C4004	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
C4005	1-100-597-91	s	CAP, CHIP CERAMIC 0.1MF B 1608
CN1104	1-770-160-21	s	PIN, CONNECTOR (PC BOARD) 2P
CN1401	1-766-178-11	o	PIN, CONNECTOR (PC BOARD) 5P
CN1402	1-778-616-21	o	PIN, CONNECTOR (PC BOARD) 13P
CN1403	1-778-795-21	s	PIN, CONNECTOR (PC BOARD) 9P
CN2000	1-784-254-21	s	CONNECTOR 10P
D1101	8-719-069-28	s	DI 1SS400FJTE61
D1400	8-719-069-28	s	DI 1SS400FJTE61
D1402	8-719-073-52	s	DIODE D2FS6-TA
D1403	8-719-073-52	s	DIODE D2FS6-TA
D1404	8-719-073-52	s	DIODE D2FS6-TA
D1407	8-719-069-54	s	DI UDZSUSTE-175.1B
D1408	8-719-069-28	s	DI 1SS400FJTE61
D1409	8-719-069-28	s	DI 1SS400FJTE61
D1410	8-719-069-28	s	DI 1SS400FJTE61
D1412	8-719-083-52	s	DI UDZSUSTE-1716B
D1431	8-719-073-52	s	DIODE D2FS6-TA
D1434	8-719-083-66	s	DI UDZSUSTE-1718B
D1435	8-719-069-60	s	DI UDZSUSTE-179.1B
D2000	8-719-069-28	s	DI 1SS400FJTE61
D2001	8-719-083-57	s	DI UDZSUSTE-173.6B
D2002	8-719-083-60	s	DI UDZSUSTE-174.7B
D2003	8-719-083-60	s	DI UDZSUSTE-174.7B
D2004	8-719-083-60	s	DI UDZSUSTE-174.7B
D2005	8-719-083-60	s	DI UDZSUSTE-174.7B
D2008	8-719-069-28	s	DI 1SS400FJTE61
D4001	8-719-069-28	s	DI 1SS400FJTE61
D4007	8-719-069-28	s	DI 1SS400FJTE61
D4008	8-719-069-60	s	DI UDZSUSTE-179.1B
E1101	1-780-318-11	s	TERMINAL, LUG
E1102	1-780-318-11	s	TERMINAL, LUG
E1103	1-780-318-11	s	TERMINAL, LUG
F1400	△ 1-576-566-21	s	FUSE (SMD) (15A/65V)

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Ref. No. or Q'ty	Part No.	SP	Description
IC1102	8-759-711-59	s	IC NJM78L05UA-TE1
IC1400	8-759-338-95	s	IC NJM2903V (TE2)
IC1401	8-759-175-30	s	IC NJM78L12UA-TE1
IC1402	6-701-652-01	s	IC MAX4374TEUB+TG069
IC1403	6-701-652-01	s	IC MAX4374TEUB+TG069
IC1404	6-701-652-01	s	IC MAX4374TEUB+TG069
IC1405	6-701-652-01	s	IC MAX4374TEUB+TG069
IC1406	6-701-652-01	s	IC MAX4374TEUB+TG069
IC1410	8-759-337-40	s	IC NJM2904V (TE2)
IC1411	6-711-947-01	s	IC MM1431CURE
IC1412	6-714-938-01	s	IC LM61BIM3X
IC1413	6-715-188-01	s	IC LTM8020EV
IC2000	6-709-014-01	s	IC UPC2933BT-E2-AZ
IC2001	6-715-320-01	s	IC EP570T100ISN
IC2002	6-708-324-01	s	IC R3112N301A-TR-FA
IC2003	6-707-888-01	s	IC TC74VHCT14AFT (EKJ)
IC2004	6-707-888-01	s	IC TC74VHCT14AFT (EKJ)
IC2005	6-707-862-01	s	IC TC74VHC05FT (EKJ)
IC2006	6-707-862-01	s	IC TC74VHC05FT (EKJ)
IC3000	6-713-278-01	s	IC MAX4374HEUB+TG069
IC3001	6-713-278-01	s	IC MAX4374HEUB+TG069
IC3002	6-713-278-01	s	IC MAX4374HEUB+TG069
IC3003	6-713-278-01	s	IC MAX4374HEUB+TG069
IC4000	6-712-383-01	s	IC TC74VHC4051AFT (EK)
IC4001	6-707-862-01	s	IC TC74VHC05FT (EKJ)
IC4002	6-707-862-01	s	IC TC74VHC05FT (EKJ)
IC4003	6-707-888-01	s	IC TC74VHCT14AFT (EKJ)
L1401	1-414-398-41	s	INDUCTOR (SMD) 10.0UH
Q1101	6-552-494-01	s	TR SI2307CDS-T1-GE3
Q1203	6-550-750-01	s	TRANSISTOR SSM3K15FS-TE85L
Q1204	6-552-494-01	s	TR SI2307CDS-T1-GE3
Q1400	6-551-090-01	s	TRANSISTOR FET HAT1125H-EL-E
Q1401	6-550-750-01	s	TRANSISTOR SSM3K15FS-TE85L
Q1402	6-551-090-01	s	TRANSISTOR FET HAT1125H-EL-E
Q1404	6-550-750-01	s	TRANSISTOR SSM3K15FS-TE85L
Q1405	6-551-090-01	s	TRANSISTOR FET HAT1125H-EL-E
Q1407	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q1408	6-551-090-01	s	TRANSISTOR FET HAT1125H-EL-E
Q1409	6-550-750-01	s	TRANSISTOR SSM3K15FS-TE85L
Q1410	6-551-090-01	s	TRANSISTOR FET HAT1125H-EL-E
Q1411	6-550-750-01	s	TRANSISTOR SSM3K15FS-TE85L
Q1412	6-551-090-01	s	TRANSISTOR FET HAT1125H-EL-E
Q1418	6-550-750-01	s	TRANSISTOR SSM3K15FS-TE85L
Q1419	6-550-750-01	s	TRANSISTOR SSM3K15FS-TE85L
Q1420	6-550-750-01	s	TRANSISTOR SSM3K15FS-TE85L
Q1422	6-551-090-01	s	TRANSISTOR FET HAT1125H-EL-E
Q1423	6-551-090-01	s	TRANSISTOR FET HAT1125H-EL-E
Q1424	6-551-090-01	s	TRANSISTOR FET HAT1125H-EL-E
Q1427	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q1436	6-551-090-01	s	TRANSISTOR FET HAT1125H-EL-E
Q1448	6-550-750-01	s	TRANSISTOR SSM3K15FS-TE85L
Q1449	6-551-090-01	s	TRANSISTOR FET HAT1125H-EL-E
Q1451	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q1453	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q1454	6-552-494-01	s	TR SI2307CDS-T1-GE3
Q2022	6-550-750-01	s	TRANSISTOR SSM3K15FS-TE85L
Q2023	8-729-928-82	s	TRANSISTOR DTC144EE-TL
Q4000	6-550-750-01	s	TRANSISTOR SSM3K15FS-TE85L

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Ref. No. or Q'ty	Part No.	SP Description
Q4001	8-729-928-82	s TRANSISTOR DTC144EE-TL
R1101	1-218-879-91	s RES, CHIP 22K (1608)
R1102	1-216-801-91	s RES, CHIP 22 (1608)
R1103	1-218-879-91	s RES, CHIP 22K (1608)
R1207	1-218-879-91	s RES, CHIP 22K (1608)
R1212	1-218-847-91	s RES, CHIP 1.0K (1608)
R1218	1-218-879-91	s RES, CHIP 22K (1608)
R1221	1-218-839-91	s RES, CHIP 470 (1608)
R1222	1-218-871-91	s RES, CHIP 10K (1608)
R1223	1-218-895-91	s RES, CHIP 100K (1608)
R1225	1-218-883-91	s RES, CHIP 33K (1608)
R1400	1-218-851-91	s RES, CHIP 1.5K (1608)
R1402	1-218-879-91	s RES, CHIP 22K (1608)
R1403	1-218-855-91	s RES, CHIP 2.2K (1608)
R1404	1-218-879-91	s RES, CHIP 22K (1608)
R1405	1-218-863-91	s RES, CHIP 4.7K (1608)
R1407	1-218-871-91	s RES, CHIP 10K (1608)
R1408	1-218-863-91	s RES, CHIP 4.7K (1608)
R1410	1-218-847-91	s RES, CHIP 1.0K (1608)
R1411	1-218-863-91	s RES, CHIP 4.7K (1608)
R1412	1-218-879-91	s RES, CHIP 22K (1608)
R1413	1-218-891-91	s RES, CHIP 68K (1608)
R1414	1-218-887-91	s RES, CHIP 47K (1608)
R1415	1-218-895-91	s RES, CHIP 100K (1608)
R1416	1-218-863-91	s RES, CHIP 4.7K (1608)
R1417	1-218-879-91	s RES, CHIP 22K (1608)
R1421	1-218-839-91	s RES, CHIP 470 (1608)
R1422	1-218-879-91	s RES, CHIP 22K (1608)
R1424	1-218-847-91	s RES, CHIP 1.0K (1608)
R1427	1-218-839-91	s RES, CHIP 470 (1608)
R1428	1-218-879-91	s RES, CHIP 22K (1608)
R1429	1-218-847-91	s RES, CHIP 1.0K (1608)
R1431	1-218-839-91	s RES, CHIP 470 (1608)
R1432	1-218-879-91	s RES, CHIP 22K (1608)
R1433	1-218-847-91	s RES, CHIP 1.0K (1608)
R1434	1-218-871-91	s RES, CHIP 10K (1608)
R1435	1-211-737-91	s RES, SQUARE TYPE CHIP 0.47 3225
R1436	1-218-839-91	s RES, CHIP 470 (1608)
R1437	1-218-839-91	s RES, CHIP 470 (1608)
R1438	1-218-839-91	s RES, CHIP 470 (1608)
R1439	1-218-859-91	s RES, CHIP 3.3K (1608)
R1440	1-218-879-91	s RES, CHIP 22K (1608)
R1441	1-218-871-91	s RES, CHIP 10K (1608)
R1442	1-218-879-91	s RES, CHIP 22K (1608)
R1443	1-218-871-91	s RES, CHIP 10K (1608)
R1444	1-218-879-91	s RES, CHIP 22K (1608)
R1445	1-218-871-91	s RES, CHIP 10K (1608)
R1446	1-218-871-91	s RES, CHIP 10K (1608)
R1447	1-218-871-91	s RES, CHIP 10K (1608)
R1448	1-218-867-91	s RES, CHIP 6.8K (1608)
R1449	1-218-867-91	s RES, CHIP 6.8K (1608)
R1450	1-218-847-91	s RES, CHIP 1.0K (1608)
R1452	1-218-847-91	s RES, CHIP 1.0K (1608)
R1453	1-218-847-91	s RES, CHIP 1.0K (1608)
R1454	1-257-078-11	s RES, CHIP 0.01 (3164)
R1455	1-219-610-21	s RES, CHIP (SQUARE TYPE) 0.022
R1456	1-257-078-11	s RES, CHIP 0.01 (3164)
R1457	1-218-839-91	s RES, CHIP 470 (1608)

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Ref. No. or Q'ty	Part No.	SP Description
R1458	1-257-078-11	s RES, CHIP 0.01 (3164)
R1459	1-218-871-91	s RES, CHIP 10K (1608)
R1460	1-218-859-91	s RES, CHIP 3.3K (1608)
R1461	1-218-871-91	s RES, CHIP 10K (1608)
R1462	1-218-847-91	s RES, CHIP 1.0K (1608)
R1463	1-218-839-91	s RES, CHIP 470 (1608)
R1464	1-218-839-91	s RES, CHIP 470 (1608)
R1465	1-218-871-91	s RES, CHIP 10K (1608)
R1466	1-218-871-91	s RES, CHIP 10K (1608)
R1467	1-218-863-91	s RES, CHIP 4.7K (1608)
R1468	1-218-871-91	s RES, CHIP 10K (1608)
R1469	1-218-863-91	s RES, CHIP 4.7K (1608)
R1471	1-218-871-91	s RES, CHIP 10K (1608)
R1472	1-218-879-91	s RES, CHIP 22K (1608)
R1473	1-218-871-91	s RES, CHIP 10K (1608)
R1486	1-211-737-91	s RES, SQUARE TYPE CHIP 0.47 3225
R1489	1-218-879-91	s RES, CHIP 22K (1608)
R1490	1-218-847-91	s RES, CHIP 1.0K (1608)
R1492	1-218-871-91	s RES, CHIP 10K (1608)
R1493	1-218-871-91	s RES, CHIP 10K (1608)
R1494	1-218-871-91	s RES, CHIP 10K (1608)
R1495	1-218-871-91	s RES, CHIP 10K (1608)
R1496	1-218-871-91	s RES, CHIP 10K (1608)
R1519	1-218-839-91	s RES, CHIP 470 (1608)
R1520	1-218-839-91	s RES, CHIP 470 (1608)
R1521	1-218-859-91	s RES, CHIP 3.3K (1608)
R1522	1-218-863-91	s RES, CHIP 4.7K (1608)
R1523	1-218-851-91	s RES, CHIP 1.5K (1608)
R1524	1-218-879-91	s RES, CHIP 22K (1608)
R1525	1-218-879-91	s RES, CHIP 22K (1608)
R1526	1-211-981-91	s RES, CHIP 33 (1608)
R1527	1-218-879-91	s RES, CHIP 22K (1608)
R1528	1-216-809-91	s RES, CHIP 100 (1608)
R2008	1-218-871-91	s RES, CHIP 10K (1608)
R2015	1-240-247-91	s RES, SQUARE TYPE CHIP 0.1
R2020	1-216-809-91	s RES, CHIP 100 (1608)
R2021	1-218-871-91	s RES, CHIP 10K (1608)
R2022	1-218-871-91	s RES, CHIP 10K (1608)
R2023	1-216-801-91	s RES, CHIP 22 (1608)
R2024	1-216-801-91	s RES, CHIP 22 (1608)
R2025	1-218-871-91	s RES, CHIP 10K (1608)
R2034	1-218-839-91	s RES, CHIP 470 (1608)
R2038	1-216-809-91	s RES, CHIP 100 (1608)
R2039	1-218-871-91	s RES, CHIP 10K (1608)
R2046	1-218-847-91	s RES, CHIP 1.0K (1608)
R2047	1-216-809-91	s RES, CHIP 100 (1608)
R2048	1-218-871-91	s RES, CHIP 10K (1608)
R3000	1-257-078-11	s RES, CHIP 0.01 (3164)
R3001	1-257-078-11	s RES, CHIP 0.01 (3164)
R3002	1-218-871-91	s RES, CHIP 10K (1608)
R3003	1-218-871-91	s RES, CHIP 10K (1608)
R3004	1-218-871-91	s RES, CHIP 10K (1608)
R3005	1-218-879-91	s RES, CHIP 22K (1608)
R3006	1-216-809-91	s RES, CHIP 100 (1608)
R3007	1-218-879-91	s RES, CHIP 22K (1608)
R3009	1-218-871-91	s RES, CHIP 10K (1608)
R3010	1-218-871-91	s RES, CHIP 10K (1608)
R3011	1-218-859-91	s RES, CHIP 3.3K (1608)
R3012	1-218-883-91	s RES, CHIP 33K (1608)

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Ref. No. or Q'ty	Part No.	SP	Description
R3013	1-218-871-91	s	RES, CHIP 10K (1608)
R3014	1-218-871-91	s	RES, CHIP 10K (1608)
R3015	1-218-879-91	s	RES, CHIP 22K (1608)
R3016	1-218-847-91	s	RES, CHIP 1.0K (1608)
R3017	1-218-883-91	s	RES, CHIP 33K (1608)
R3018	1-218-871-91	s	RES, CHIP 10K (1608)
R3019	1-218-871-91	s	RES, CHIP 10K (1608)
R3020	1-218-859-91	s	RES, CHIP 3.3K (1608)
R3021	1-218-855-91	s	RES, CHIP 2.2K (1608)
R3022	1-218-855-91	s	RES, CHIP 2.2K (1608)
R3023	1-218-859-91	s	RES, CHIP 3.3K (1608)
R3024	1-218-883-91	s	RES, CHIP 33K (1608)
R3025	1-257-078-11	s	RES, CHIP 0.01 (3164)
R3026	1-257-078-11	s	RES, CHIP 0.01 (3164)
R3027	1-257-078-11	s	RES, CHIP 0.01 (3164)
R3028	1-257-078-11	s	RES, CHIP 0.01 (3164)
R3029	1-257-078-11	s	RES, CHIP 0.01 (3164)
R3030	1-218-871-91	s	RES, CHIP 10K (1608)
R3031	1-218-871-91	s	RES, CHIP 10K (1608)
R3032	1-257-078-11	s	RES, CHIP 0.01 (3164)
R4000	1-216-809-91	s	RES, CHIP 100 (1608)
R4001	1-218-871-91	s	RES, CHIP 10K (1608)
R4002	1-218-871-91	s	RES, CHIP 10K (1608)
R4003	1-218-871-91	s	RES, CHIP 10K (1608)
R4004	1-218-871-91	s	RES, CHIP 10K (1608)
R4006	1-216-809-91	s	RES, CHIP 100 (1608)
R4007	1-218-839-91	s	RES, CHIP 470 (1608)
R4008	1-216-801-91	s	RES, CHIP 22 (1608)
R4009	1-218-871-91	s	RES, CHIP 10K (1608)
RB2000	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB2001	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB2002	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB2003	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB4000	1-233-414-21	s	RES, CHIP NETWORK 4.7K (3216)
RB4001	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB4002	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB4003	1-233-414-21	s	RES, CHIP NETWORK 4.7K (3216)
RB4004	1-234-376-21	s	RES, NETWORK 2.2K (1005X4)
RB4005	1-234-376-21	s	RES, NETWORK 2.2K (1005X4)
RB4006	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB4007	1-234-372-21	s	RES, NETWORK 100 (1005X4)
RB4008	1-234-378-21	s	RES, NETWORK 10K (1005X4)
RB4009	1-234-378-21	s	RES, NETWORK 10K (1005X4)
S1100	1-798-247-11	s	SWITCH, LOCKER
X2000	1-813-329-11	s	OSCILLATOR, CRYSTAL

SW-1232 BOARD

*a: [HDLA1500/HDLA1505]
*b: [HDLA1500/HDLA1503/HDLA1505]
*c: [HDLA1505 (UB)/HDLA1507]

Ref. No. or Q'ty	Part No.	SP	Description
1pc	*c A-1179-370-A	s	MOUNTED CIRCUIT BOARD, SW-1232GP (GOLD)
	*b A-1163-071-A	s	MOUNTED CIRCUIT BOARD, SW-1232G (GOLD)
	*a A-1101-931-A	s	MOUNTED CIRCUIT BOARD, SW-1232 (SILVER)
1pc	3-708-877-01	s	CAP
1pc	3-708-930-01	s	CAP
1pc	3-708-930-21	s	CAP
1pc	3-708-933-01	s	CAP
1pc	3-708-933-11	s	CAP
1pc	3-708-934-01	s	CAP
1pc	8-719-050-78	s	DIODE MD0708C-RG
C1	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
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
C4	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C5	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C6	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C7	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C8	1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C9	*b*c 1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C10	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C11	*b*c 1-100-159-91	s	CAP, CERAMIC 22MF B (SMD) 3216
C14	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C100	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C101	1-125-777-81	s	CAP, CHIP CERAMIC 0.1MF B 1005
C102	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
C103	1-165-989-91	s	CAP, CERAMIC 10MF (2012)
CN1	*b*c 1-778-650-31	s	CONNECTOR, FFC/FPC(ZIF) ST 30P
	*a 1-778-650-11	o	CONNECTOR, FFC (ZIF) 30P
CN2	*b*c 1-778-650-31	s	CONNECTOR, FFC/FPC(ZIF) ST 30P
	*a 1-778-650-11	o	CONNECTOR, FFC (ZIF) 30P
CN3	1-251-222-21	s	SOCKET, SIL 7P
CN4	1-573-201-21	s	SOCKET, SIL 5P
CN5	1-573-201-21	s	SOCKET, SIL 5P
CN6	1-251-222-21	s	SOCKET, SIL 7P
D1	8-719-991-78	s	DIODE HSM88WK-TL
D2	8-719-017-44	s	DIODE HSM88WA-TL
D3	8-719-078-90	s	DIODE CL-165HR/G1-D-T
D4	8-719-024-81	s	DIODE 1SS300-TE85L
D5	8-719-024-81	s	DIODE 1SS300-TE85L
D6	8-719-024-81	s	DIODE 1SS300-TE85L
D7	8-719-024-81	s	DIODE 1SS300-TE85L
D8	8-719-024-81	s	DIODE 1SS300-TE85L
D9	8-719-024-81	s	DIODE 1SS300-TE85L
D10	8-719-024-81	s	DIODE 1SS300-TE85L
D11	8-719-024-81	s	DIODE 1SS300-TE85L
D12	8-719-024-81	s	DIODE 1SS300-TE85L
D13	8-719-024-81	s	DIODE 1SS300-TE85L
D14	8-719-024-81	s	DIODE 1SS300-TE85L
D15	8-719-024-81	s	DIODE 1SS300-TE85L
D16	8-719-024-81	s	DIODE 1SS300-TE85L
D17	8-719-024-81	s	DIODE 1SS300-TE85L

(SW-1232 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
D18	8-719-024-81	s DIODE 1SS300-TE85L
D19	8-719-024-81	s DIODE 1SS300-TE85L
D20	8-719-024-81	s DIODE 1SS300-TE85L
D21	8-719-024-81	s DIODE 1SS300-TE85L
D22	8-719-024-81	s DIODE 1SS300-TE85L
D23	8-719-024-81	s DIODE 1SS300-TE85L
D24	8-719-024-81	s DIODE 1SS300-TE85L
D25	8-719-024-81	s DIODE 1SS300-TE85L
D26	8-719-024-81	s DIODE 1SS300-TE85L
D27	8-719-024-81	s DIODE 1SS300-TE85L
D28	8-719-024-81	s DIODE 1SS300-TE85L
D29	8-719-024-81	s DIODE 1SS300-TE85L
D30	8-719-024-81	s DIODE 1SS300-TE85L
D31	8-719-024-81	s DIODE 1SS300-TE85L
D32	8-719-024-81	s DIODE 1SS300-TE85L
EN1	1-473-435-11	s ENCODER, ROTARY
IC1	8-759-524-40	s IC TC74VHC373FT(EL)
IC2	8-759-524-40	s IC TC74VHC373FT(EL)
IC3	8-759-531-92	s IC TC7WH04FU(TE12R)
IC4	6-704-238-01	s IC S-812C30AUA-C2KT2G
IC5 *b*c	6-704-238-01	s IC S-812C30AUA-C2KT2G
Q1	8-729-928-91	s TRANSISTOR DTC114EE-TL
Q2	8-729-928-91	s TRANSISTOR DTC114EE-TL
Q3	8-729-928-91	s TRANSISTOR DTC114EE-TL
Q4	8-729-928-91	s TRANSISTOR DTC114EE-TL
Q5	8-729-928-91	s TRANSISTOR DTC114EE-TL
Q6	8-729-928-91	s TRANSISTOR DTC114EE-TL
Q7	8-729-928-91	s TRANSISTOR DTC114EE-TL
Q8	8-729-928-91	s TRANSISTOR DTC114EE-TL
Q9	8-729-928-91	s TRANSISTOR DTC114EE-TL
Q100	8-729-929-09	s TRANSISTOR DTC123JE-TL
Q101	8-729-929-09	s TRANSISTOR DTC123JE-TL
Q102	8-729-929-09	s TRANSISTOR DTC123JE-TL
Q103	8-729-929-09	s TRANSISTOR DTC123JE-TL
Q104	8-729-929-09	s TRANSISTOR DTC123JE-TL
Q105	8-729-929-09	s TRANSISTOR DTC123JE-TL
Q106	8-729-929-09	s TRANSISTOR DTC123JE-TL
Q107	8-729-929-09	s TRANSISTOR DTC123JE-TL
Q108	8-729-102-84	s TRANSISTOR 2SB624-T1BV5
Q109	8-729-102-84	s TRANSISTOR 2SB624-T1BV5
Q110	8-729-102-84	s TRANSISTOR 2SB624-T1BV5
Q111	8-729-102-84	s TRANSISTOR 2SB624-T1BV5
Q112	8-729-929-09	s TRANSISTOR DTC123JE-TL
Q113	8-729-929-09	s TRANSISTOR DTC123JE-TL
Q114	8-729-929-09	s TRANSISTOR DTC123JE-TL
Q115	8-729-929-09	s TRANSISTOR DTC123JE-TL
Q116	8-729-929-09	s TRANSISTOR DTC123JE-TL
Q117	8-729-929-09	s TRANSISTOR DTC123JE-TL
Q118	8-729-929-09	s TRANSISTOR DTC123JE-TL
Q119	8-729-929-09	s TRANSISTOR DTC123JE-TL
Q120	8-729-102-84	s TRANSISTOR 2SB624-T1BV5
Q121	8-729-102-84	s TRANSISTOR 2SB624-T1BV5
Q122	8-729-102-84	s TRANSISTOR 2SB624-T1BV5
Q123	8-729-102-84	s TRANSISTOR 2SB624-T1BV5
R1	1-208-879-81	s RES, CHIP 470 (1005)
R3	1-218-990-81	s CONDUCTOR, CHIP (1005)
R4	1-208-863-81	s RES, CHIP 100 (1005)
R5	1-208-871-81	s RES, CHIP 220 (1005)

(SW-1232 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R6	1-208-875-81	s RES, CHIP 330 (1005)
R11	1-218-990-81	s CONDUCTOR, CHIP (1005)
R12	1-218-990-81	s CONDUCTOR, CHIP (1005)
R13	1-218-990-81	s CONDUCTOR, CHIP (1005)
R14	1-218-990-81	s CONDUCTOR, CHIP (1005)
R16	1-218-990-81	s CONDUCTOR, CHIP (1005)
R18	1-218-990-81	s CONDUCTOR, CHIP (1005)
R20	1-218-990-81	s CONDUCTOR, CHIP (1005)
R22	1-218-990-81	s CONDUCTOR, CHIP (1005)
R23	1-218-823-91	s RES, CHIP 100 (1608)
R24	1-218-823-91	s RES, CHIP 100 (1608)
R25	1-218-823-91	s RES, CHIP 100 (1608)
R26	1-218-823-91	s RES, CHIP 100 (1608)
R27	1-218-831-91	s RES, CHIP 220 (1608)
R29	1-216-864-91	s CONDUCTOR, CHIP (1608)
R30	1-208-863-81	s RES, CHIP 100 (1005)
R31	1-216-864-91	s CONDUCTOR, CHIP (1608)
R33	1-208-863-81	s RES, CHIP 100 (1005)
R34	1-218-831-91	s RES, CHIP 220 (1608)
R35	1-218-823-91	s RES, CHIP 100 (1608)
R36	1-218-823-91	s RES, CHIP 100 (1608)
R37	1-218-823-91	s RES, CHIP 100 (1608)
R38 *b*c	1-216-864-91	s CONDUCTOR, CHIP (1608)
R100	1-208-871-81	s RES, CHIP 220 (1005)
R101	1-208-871-81	s RES, CHIP 220 (1005)
R102	1-208-871-81	s RES, CHIP 220 (1005)
R103	1-208-871-81	s RES, CHIP 220 (1005)
R104	1-208-871-81	s RES, CHIP 220 (1005)
R105	1-208-871-81	s RES, CHIP 220 (1005)
R106	1-208-871-81	s RES, CHIP 220 (1005)
R107	1-208-871-81	s RES, CHIP 220 (1005)
R108	1-211-989-91	s RES, CHIP 68 (1608)
R109	1-211-989-91	s RES, CHIP 68 (1608)
R110	1-211-989-91	s RES, CHIP 68 (1608)
R111	1-211-989-91	s RES, CHIP 68 (1608)
R112	1-211-989-91	s RES, CHIP 68 (1608)
R113	1-211-989-91	s RES, CHIP 68 (1608)
R114	1-211-989-91	s RES, CHIP 68 (1608)
R115	1-211-989-91	s RES, CHIP 68 (1608)
R116	1-211-977-91	s RES, CHIP 22 (1608)
R117	1-211-977-91	s RES, CHIP 22 (1608)
R118	1-211-977-91	s RES, CHIP 22 (1608)
R119	1-211-977-91	s RES, CHIP 22 (1608)
R120	1-211-977-91	s RES, CHIP 22 (1608)
R121	1-211-977-91	s RES, CHIP 22 (1608)
R122	1-211-977-91	s RES, CHIP 22 (1608)
R123	1-211-977-91	s RES, CHIP 22 (1608)
RB1	1-234-372-21	s RES, NETWORK 100 (1005X4)
RB2	1-234-372-21	s RES, NETWORK 100 (1005X4)
RV1	1-223-741-11	s RES, METAL CARBON VAR 50K
RV2	1-223-741-11	s RES, METAL CARBON VAR 50K
RV3	1-223-741-11	s RES, METAL CARBON VAR 50K
RV4	1-223-741-11	s RES, METAL CARBON VAR 50K
RV5	1-223-741-11	s RES, METAL CARBON VAR 50K
S1	1-786-840-11	s SWITCH, ROTARY
S2	1-786-840-11	s SWITCH, ROTARY
S3	1-786-840-11	s SWITCH, ROTARY
S4	1-786-840-11	s SWITCH, ROTARY

(SW-1232 BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
S5	1-762-122-11	s	SWITCH, TOGGLE
S6	1-762-122-11	s	SWITCH, TOGGLE
S7	1-762-122-11	s	SWITCH, TOGGLE
S8	1-762-122-11	s	SWITCH, TOGGLE
S9	1-762-123-11	s	SWITCH, TOGGLE
S10	1-762-531-11	s	SWITCH, TOGGLE
S11	1-762-129-11	s	SWITCH, TACTILE (ILLUMINATED)
S12	1-762-129-21	s	SWITCH, TACTILE (ILLUMINATED)
S13	1-762-129-31	s	SWITCH, TACTILE (ILLUMINATED)
S14	1-762-131-11	s	SWITCH, TACTILE (ILLUMINATED)
S15	1-762-132-11	s	SWITCH, TACTILE (ILLUMINATED)
S20	1-762-132-21	s	SWITCH, TACTILE (ILLUMINATED)
S21	1-762-133-11	s	SWITCH, TACTILE (ILLUMINATED)
S23	1-692-994-11	s	SWITCH, TACTILE (ILLUMINATED)
S24	1-762-122-11	s	SWITCH, TOGGLE
S25	1-762-123-11	s	SWITCH, TOGGLE
S26	1-786-839-11	s	SWITCH, PUSH
S27	1-786-839-11	s	SWITCH, PUSH
S29	1-786-839-11	s	SWITCH, PUSH
S30	1-786-839-11	s	SWITCH, PUSH
S31	1-786-839-11	s	SWITCH, PUSH

3-3. Packing Materials & Supplied Accessories

PACKING MATERIALS & SUPPLIED ACCESSORIES

*a:[HDLA1500/1503/1505]

*b:[HDLA1500/1507]

*c:[HDLA1503]

*d:[HDLA1500/1503/1505]

*e:[HDLA1500/1503]

*f:[HDLA1500(JN)/1505(JN)/1507(JN)]

*g:[HDLA1500/1505/1507]

*h:[HDLA1507]

Ref. No. or Q'ty	Part No.	SP	Description
1pc	*a	A-1128-405-A	s HANGER ASSY, CAMERA
2pcs		2-280-511-02	o BRACKET, ADJUSTMENT, ANGLE
1pc	*b	3-100-881-01	s STOPPER
2pcs		3-612-712-01	s BAND, CLAMP
2pcs	*h	3-622-537-02	s PLATE, NUMBER (LLA)
4pcs	*d	3-687-116-01	o WASHER (4), STOPPER
1pc	*e	3-903-904-05	s OPERATION MANUAL
1pc	*d	3-992-267-01	s PLATE, NUMBER
1pc	*c	3-992-286-03	s OPERATION MANUAL
1pc	*f	4-145-590-01	s MANUAL OPERATION
1pc	*g	4-145-591-01	s MANUAL OPERATION
1pc	*b	7-682-562-09	s SCREW +B 4X10
4pcs	*d	7-682-562-09	s SCREW +B 4X10

Section 4

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.
02DZ4.7-TPH3	DC008-04
1S2836	DC001-02
1SS184	DC001-03
1SS300-TE85L	DC001-02
1SS301-TE85L	DC001-03
1SS302	DC001-01
1SS302-TE85L	DC001-01
HSM88WA	DC001-02
HSM88WK	DC001-03
HSM88WK-TL	DC001-03
MBRS140T3	DC013-02
MBRS340T3	DC013-01

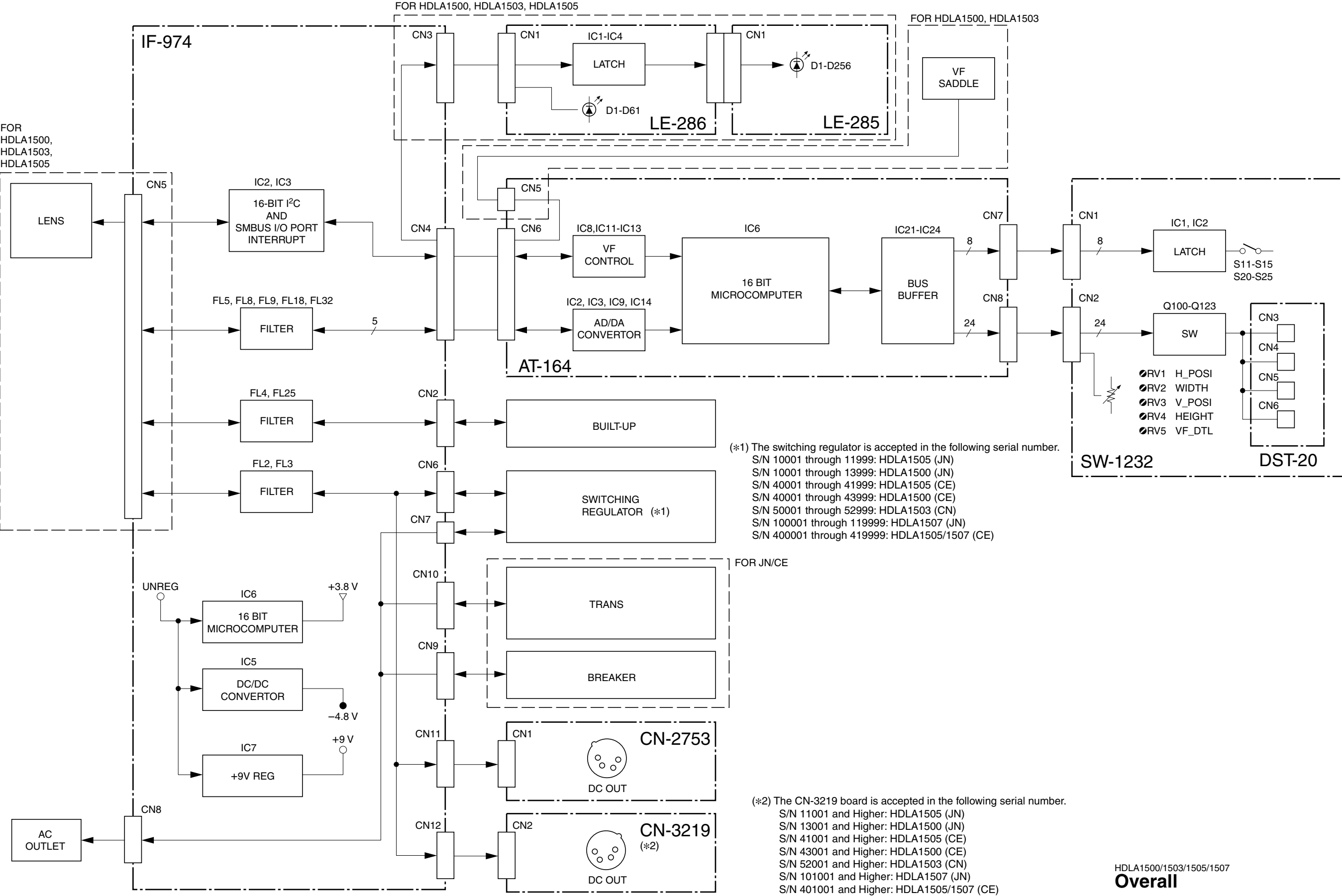
LED	Page or ID No.
CL-200HR-C-TSL	LC008-04
MD0708C-RG	LR083-04

TRANSISTOR	Page or ID No.
2SA1213Y-TE12L	TC002-01
2SB624-BV5	TC001-01
2SB624-T1BV5	TC001-01
2SC4617R	TC001-02
2SD1623-S	TC002-02
DTA123JE-TL	TC001-04
DTC114EE	TC001-03
DTC123JE	TC001-03

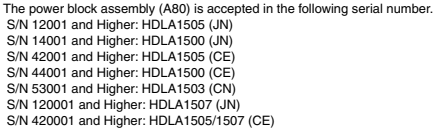
TRANSISTOR	Page or ID No.
DTC123JE-TL	TC001-03
DTC144EE	TC001-03
DTC144EE-TL	TC001-03

IC	Page or ID No.
ADR381ART-REEL7	MAX6066BEUR-T
HD64F2377VFQ33V	HD64F2377VFQ33V
NJM062V(TE2)	RC4558
NJM062V-TE2	RC4558
PCA9555DB-118	PCA9555DB-118
RN5VD28AA-TL	S-80928ANMP-DDR-T2
S-812C30AUA-C2KT2G	S-81225AG-RH
TC74VHC14FT(EL)	TC74HC14P
TC74VHC373FT(EL)	TC74HC373P
TC74VHC595FT(EL)	TC74HC595P
TC74VHCT244AFT(EL)	TC74HC244P
TC7WH00FU(TE12R)	TC7W00F
TC7WH00FU-TE12R	TC7W00F
TC7WH04FK(TE85R)	TC7W04F
TC7WH04FU(TE12R)	TC7W04F
TC7WH08FK(TE85R)	TC7W08F

Section 5
Block Diagrams



Overall

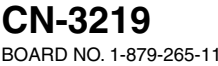


Overall

CN-2753, CN-3219
SUFFIX: -11 SUFFIX: -11

DC OUT CN

CN-2753
BOARD NO. 1-865-926-11



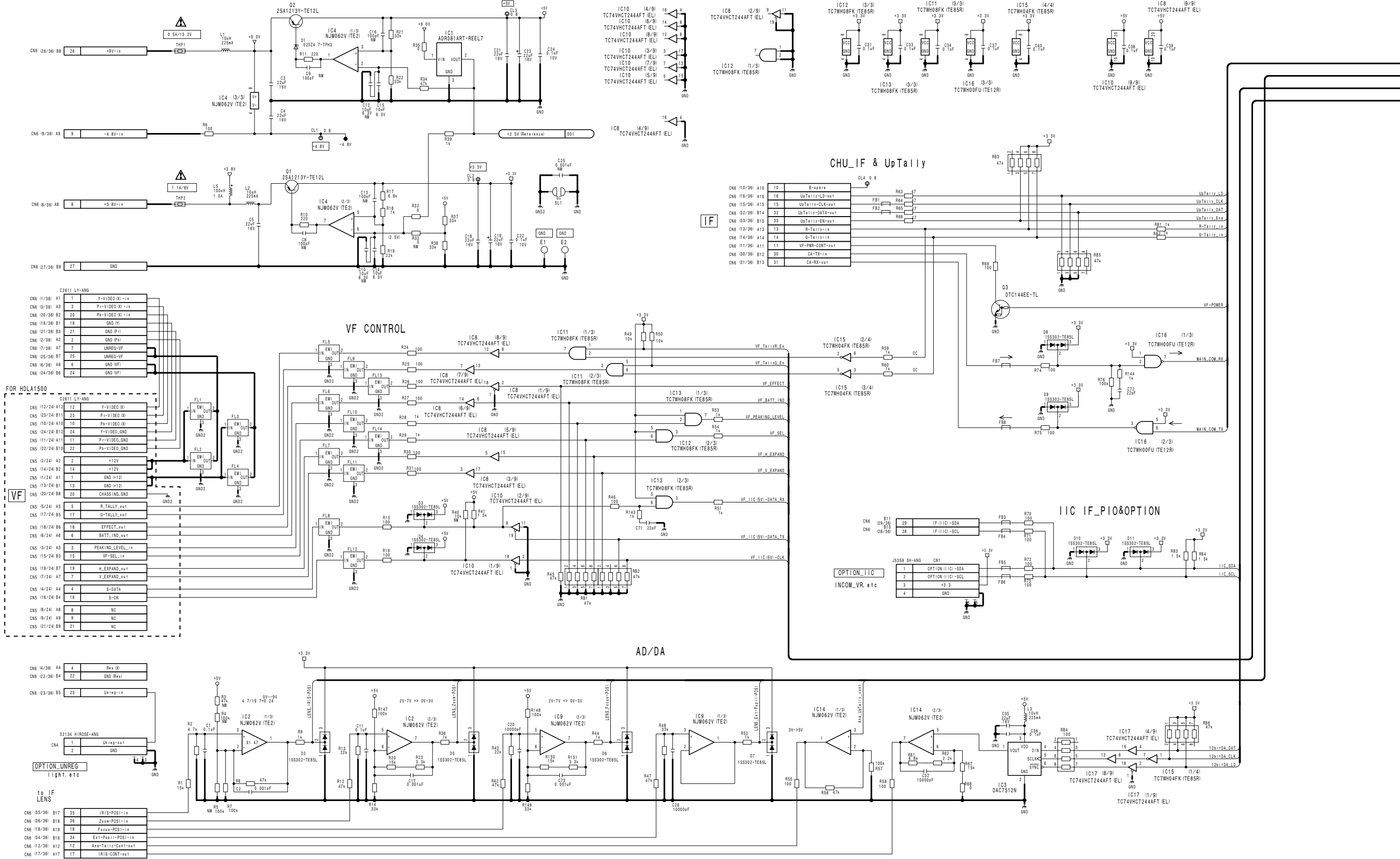
1

2

3

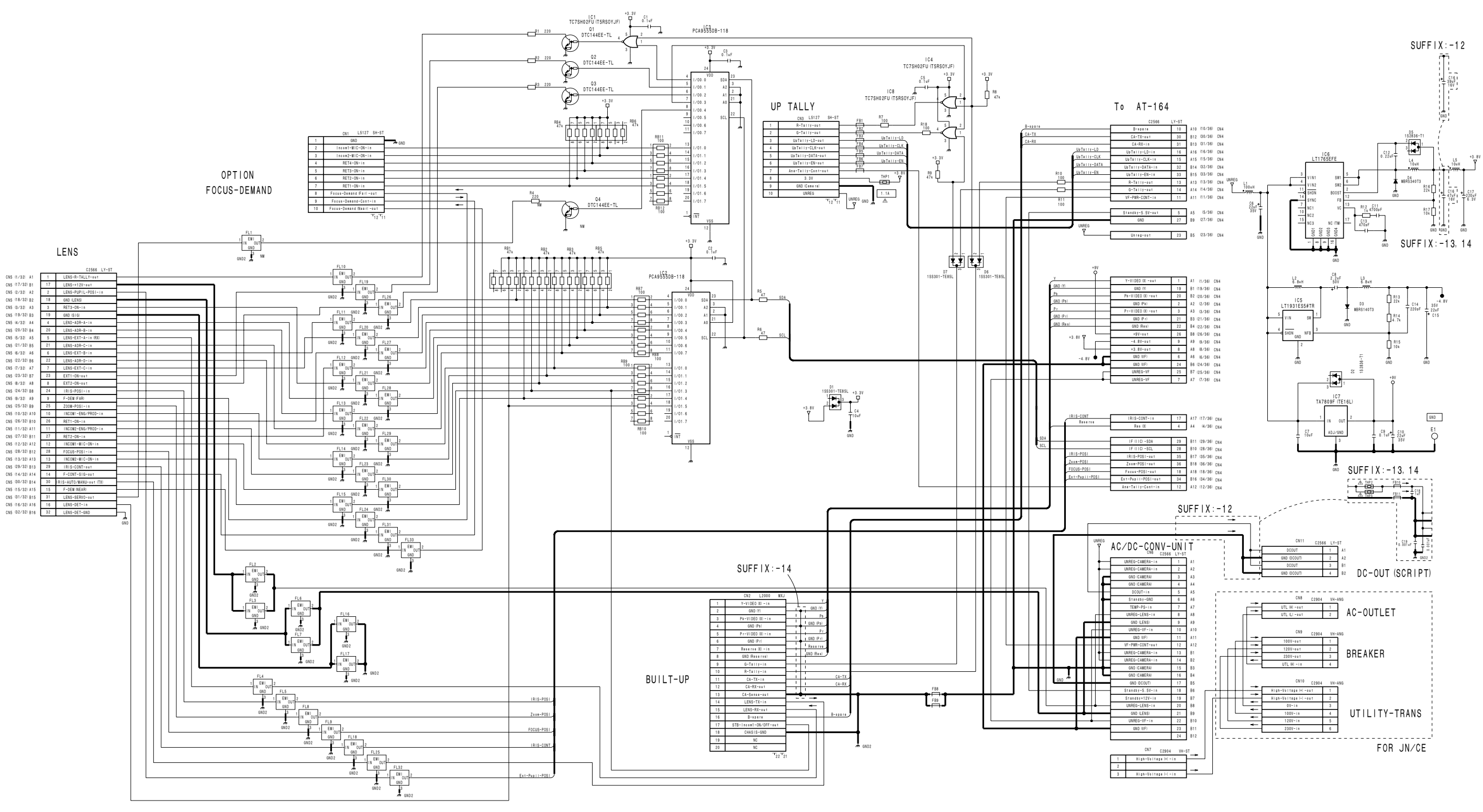
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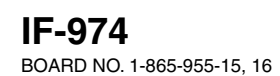


AT-164
SUFFIX: -13



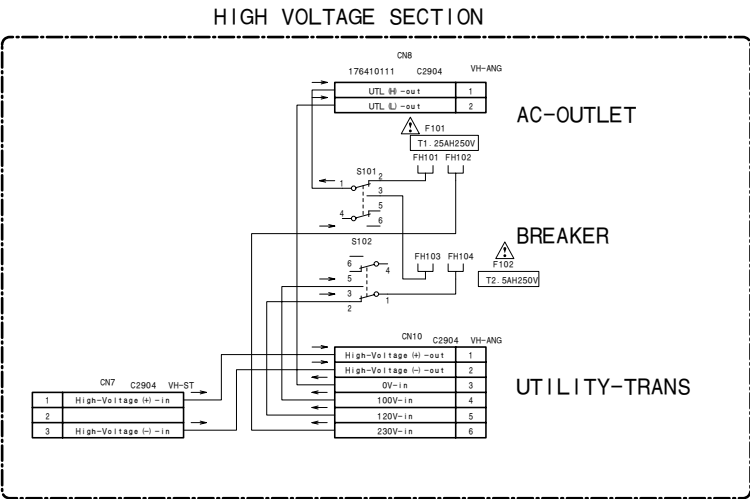
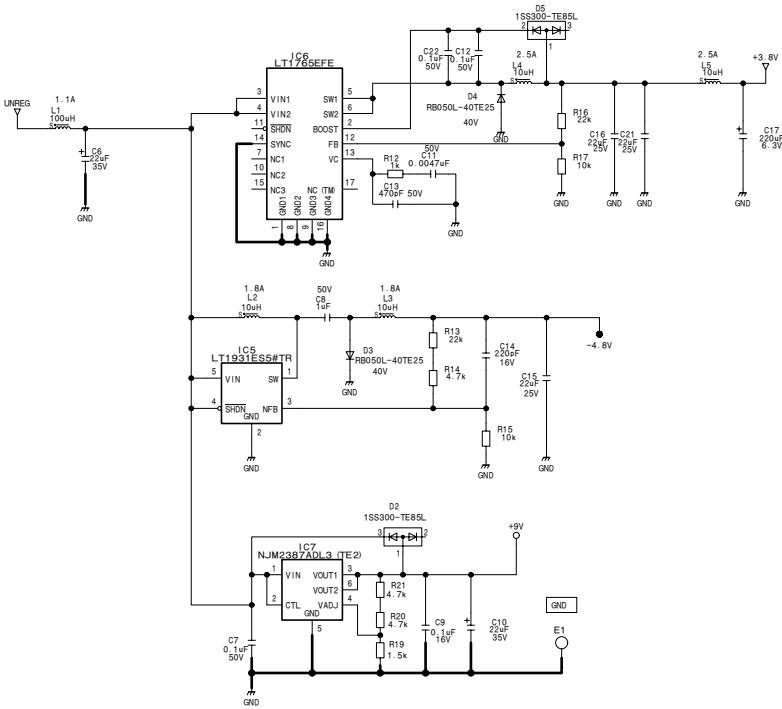


IF-974
SUFFIX: -15, 16



IF-974
SUFFIX: -17



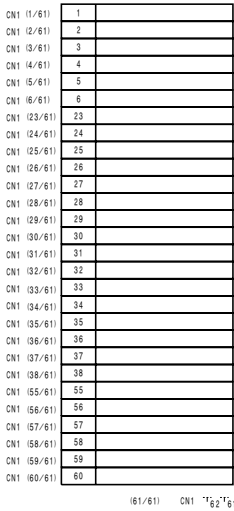


IF-974
BOARD NO. 1-865-955-17

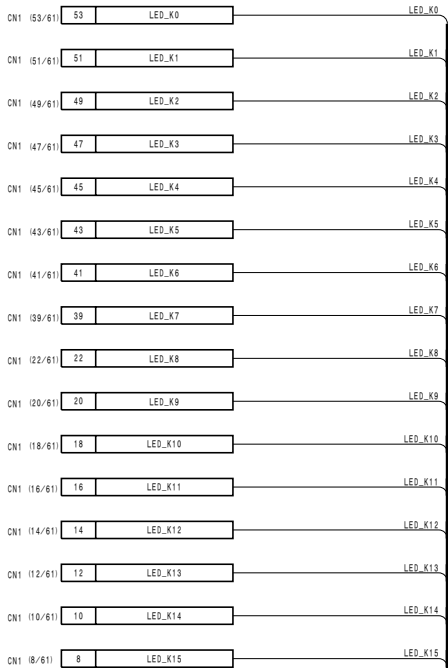
LE-285
SUFFIX: -11, 13

LE-285
SUFFIX: -11, 13

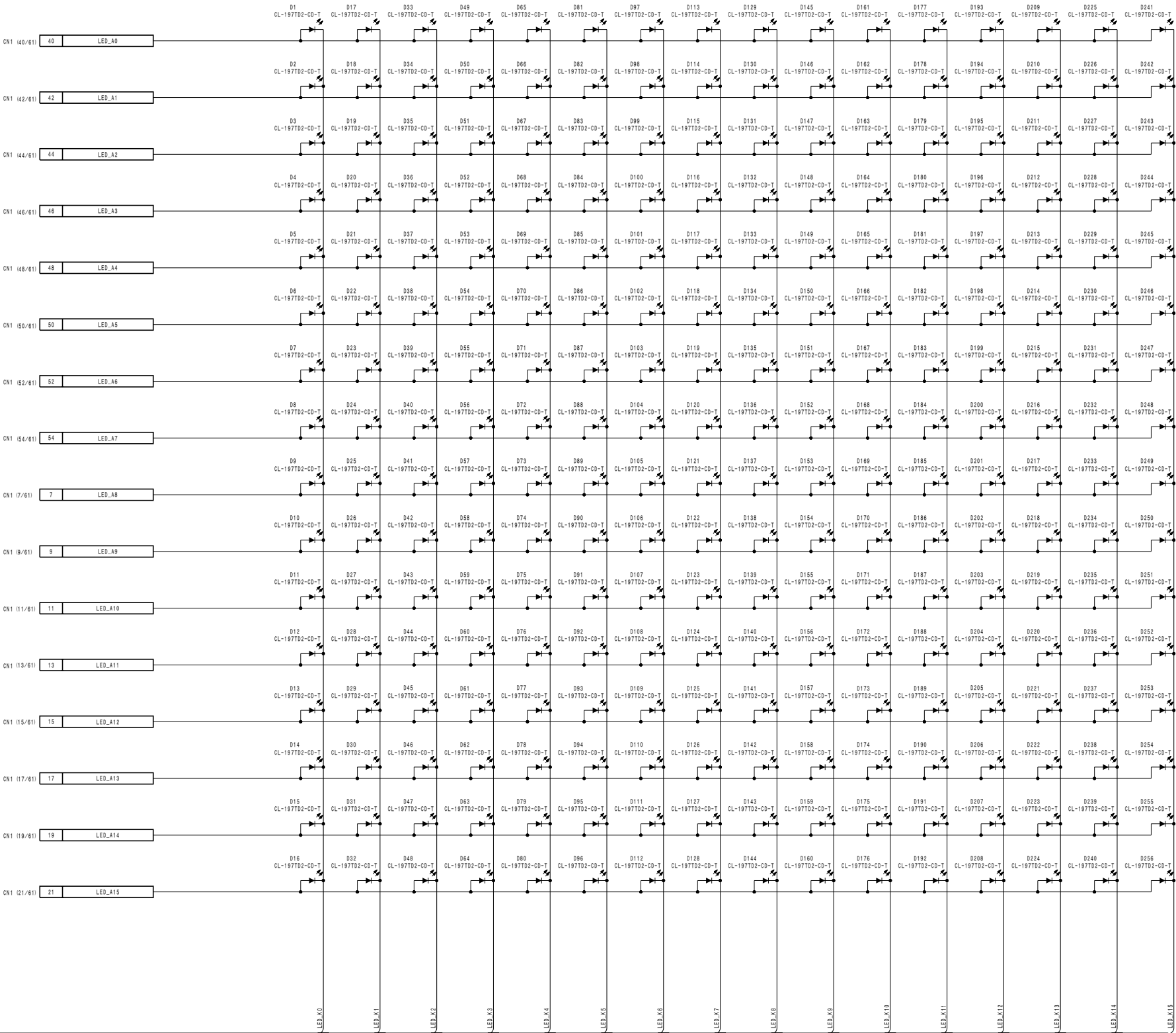
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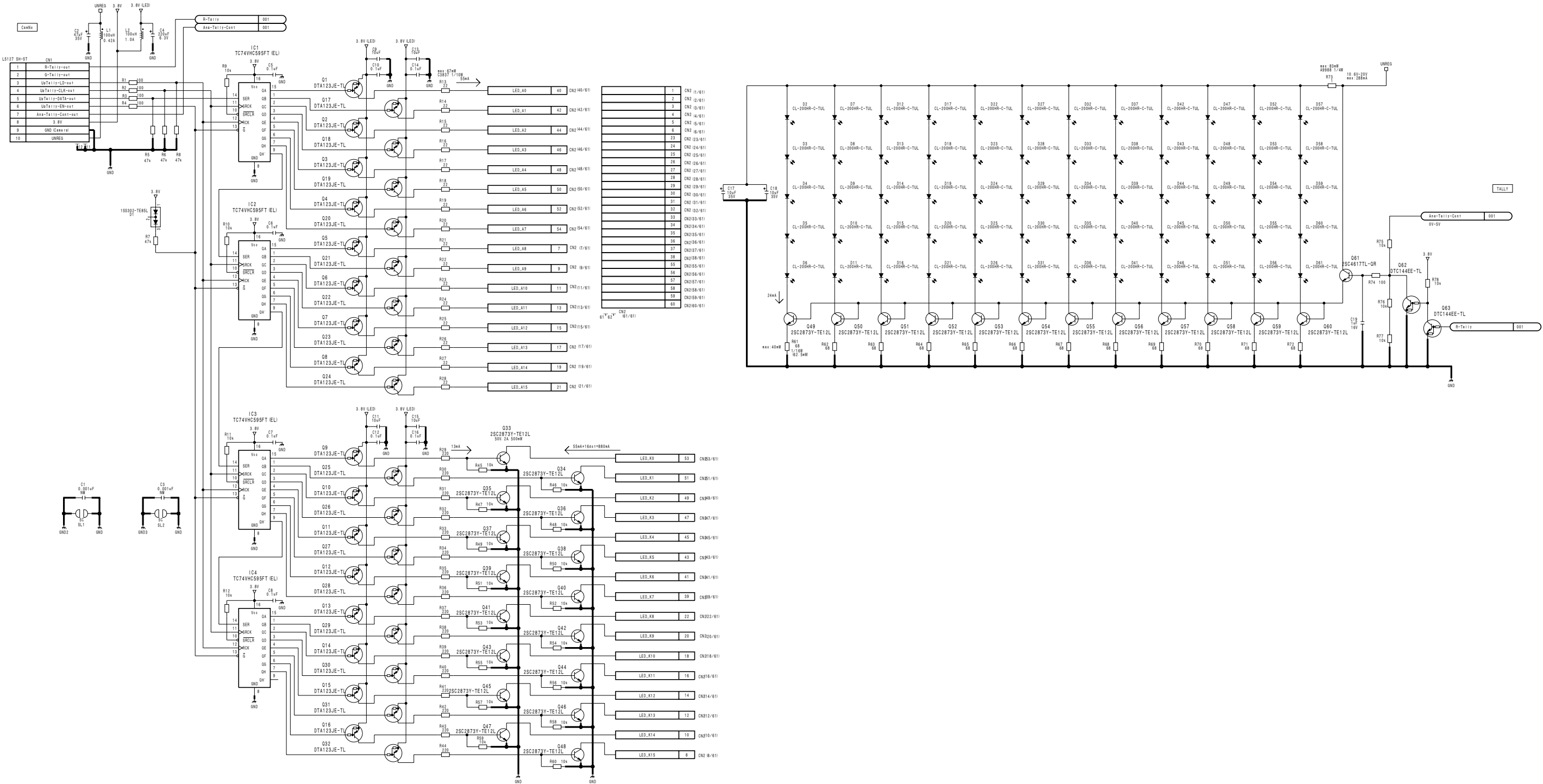


2



5





SUFFIX:-21

SUFFIX:-14

DST-20

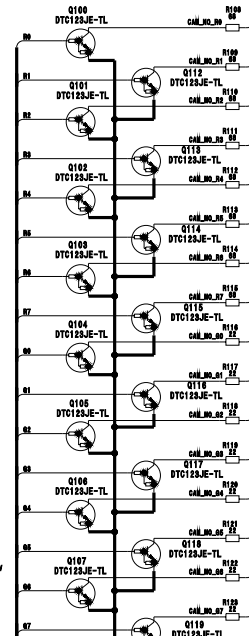
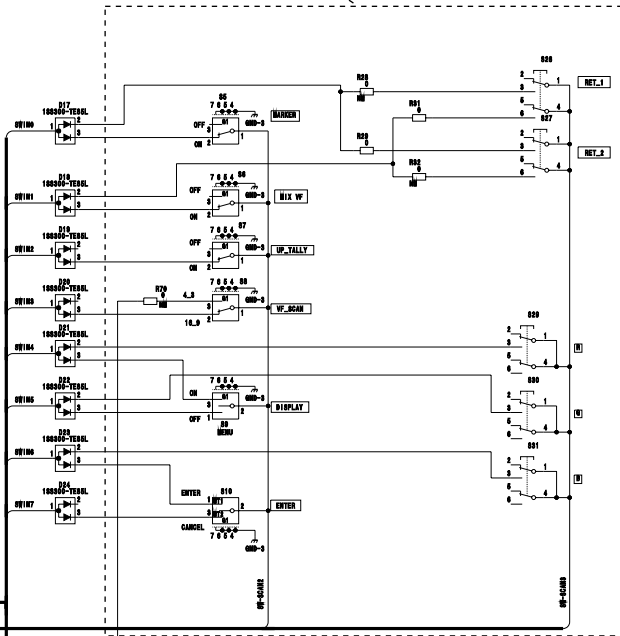
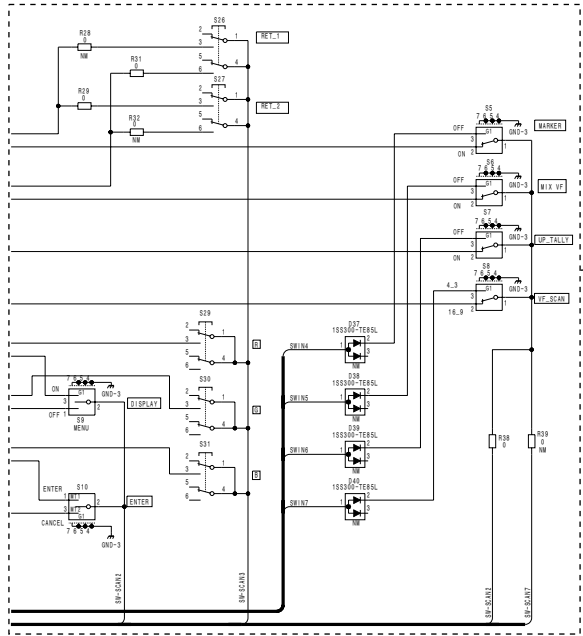
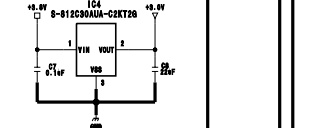
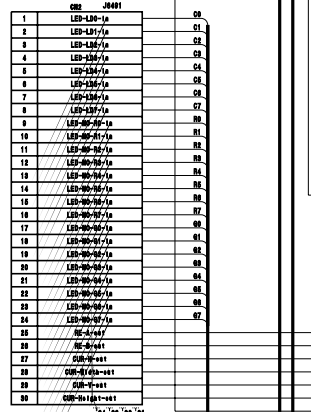
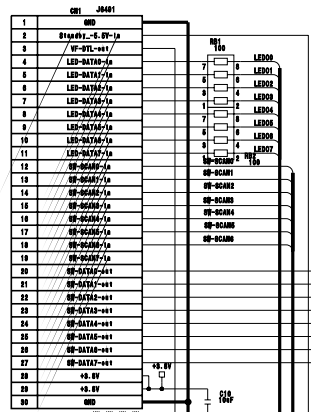
1

2

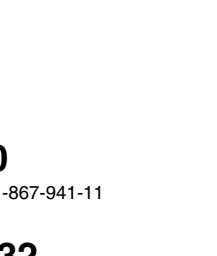
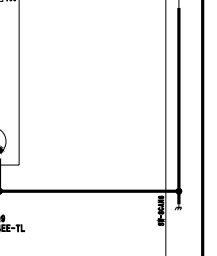
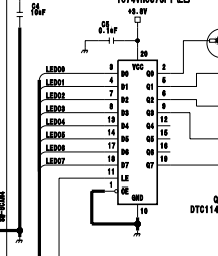
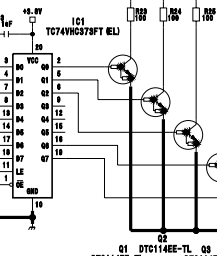
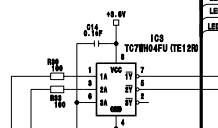
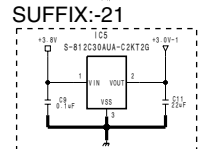
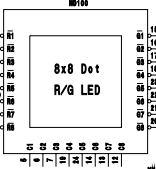
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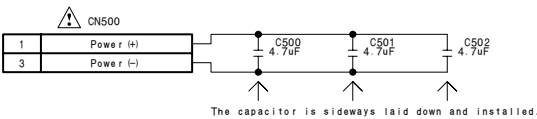
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5



CH0				CH1				CH2				CH3			
CH0_00	00	1		CH1_00	00	1		CH2_00	00	1		CH3_00	00	1	
CH0_01	01	2		CH1_01	01	2		CH2_01	01	2		CH3_01	01	2	
CH0_02	02	3		CH1_02	02	3		CH2_02	02	3		CH3_02	02	3	
CH0_03	03	4		CH1_03	03	4		CH2_03	03	4		CH3_03	03	4	
CH0_04	04	5		CH1_04	04	5		CH2_04	04	5		CH3_04	04	5	
CH0_05	05	6		CH1_05	05	6		CH2_05	05	6		CH3_05	05	6	
CH0_06	06	7		CH1_06	06	7		CH2_06	06	7		CH3_06	06	7	





DU-566
BOARD NO. 1-883-221-12
CAX-181-A80_DU-566_12S_1

1

2

3

4

5

A

B

C

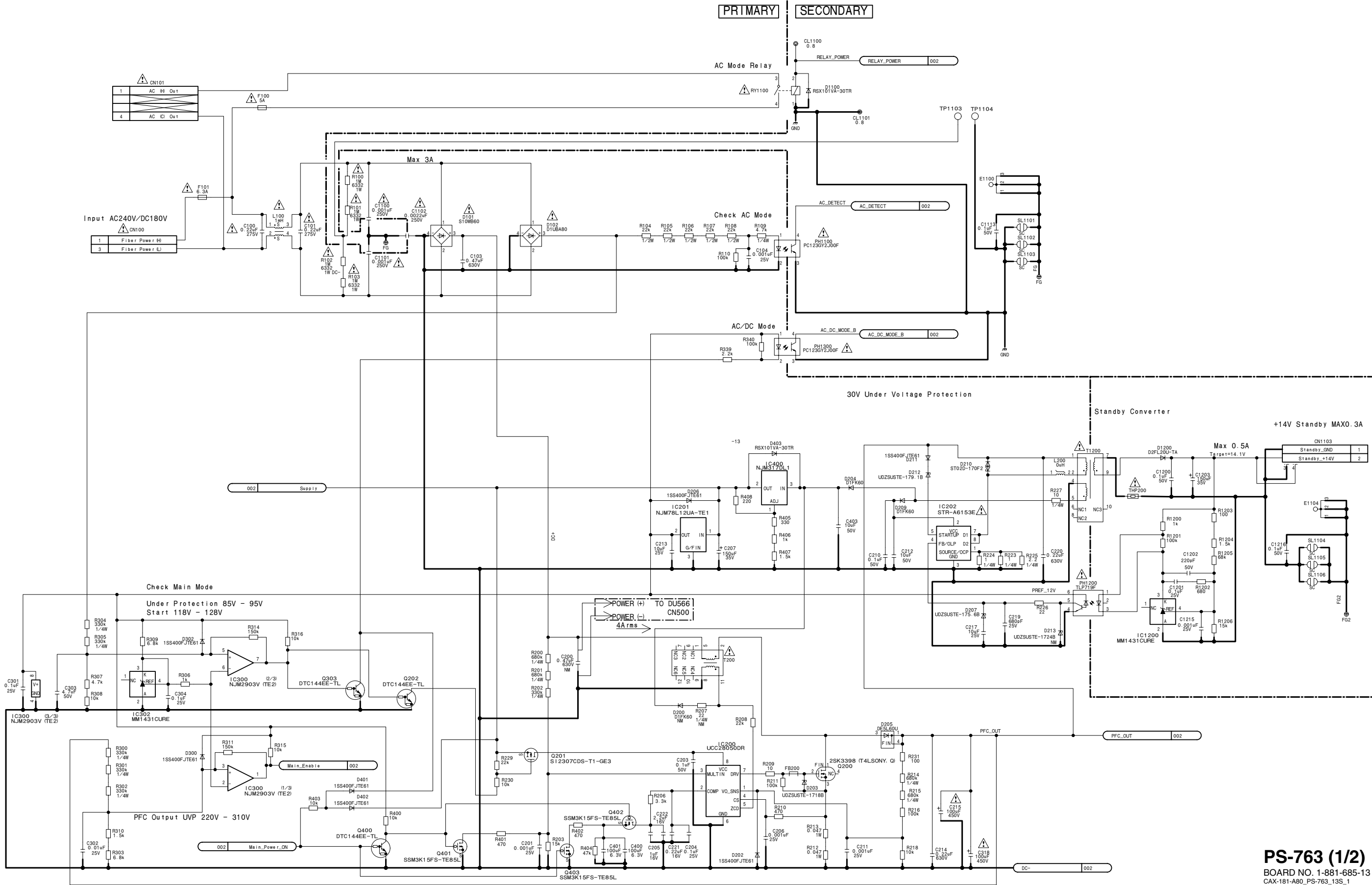
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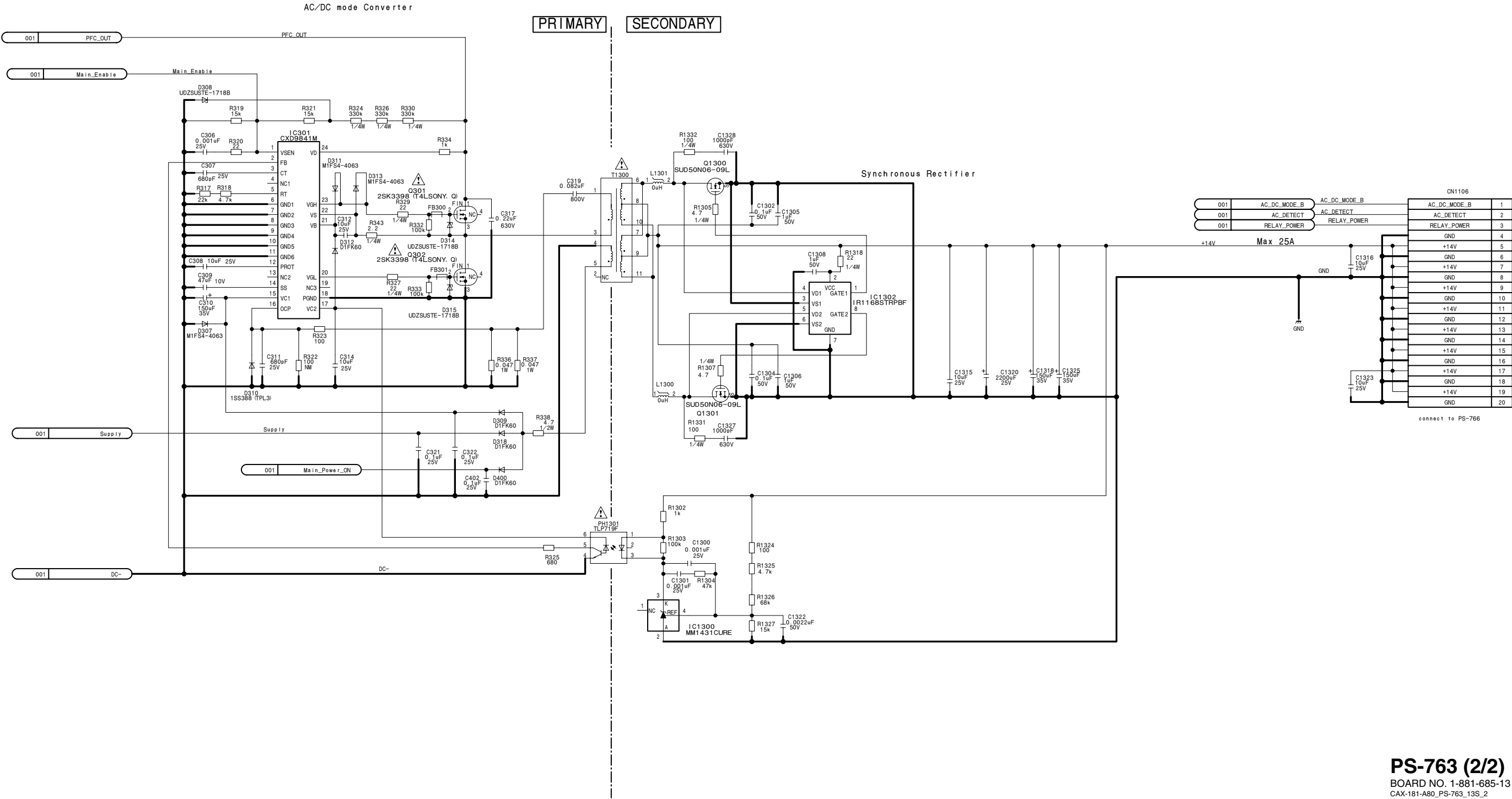
E

F

G

H





1

2

3

4

5

A

B

C

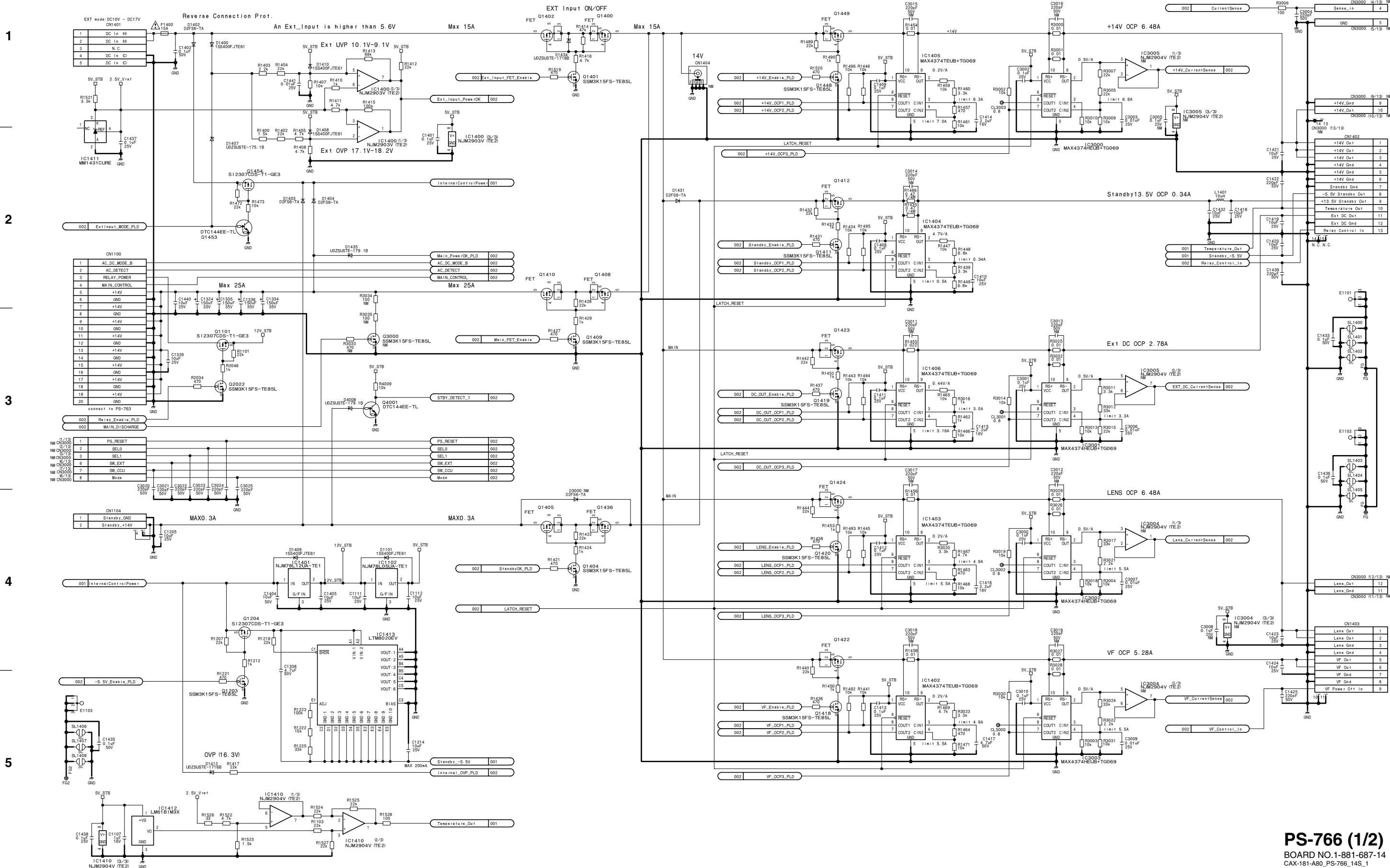
D

E

F

G

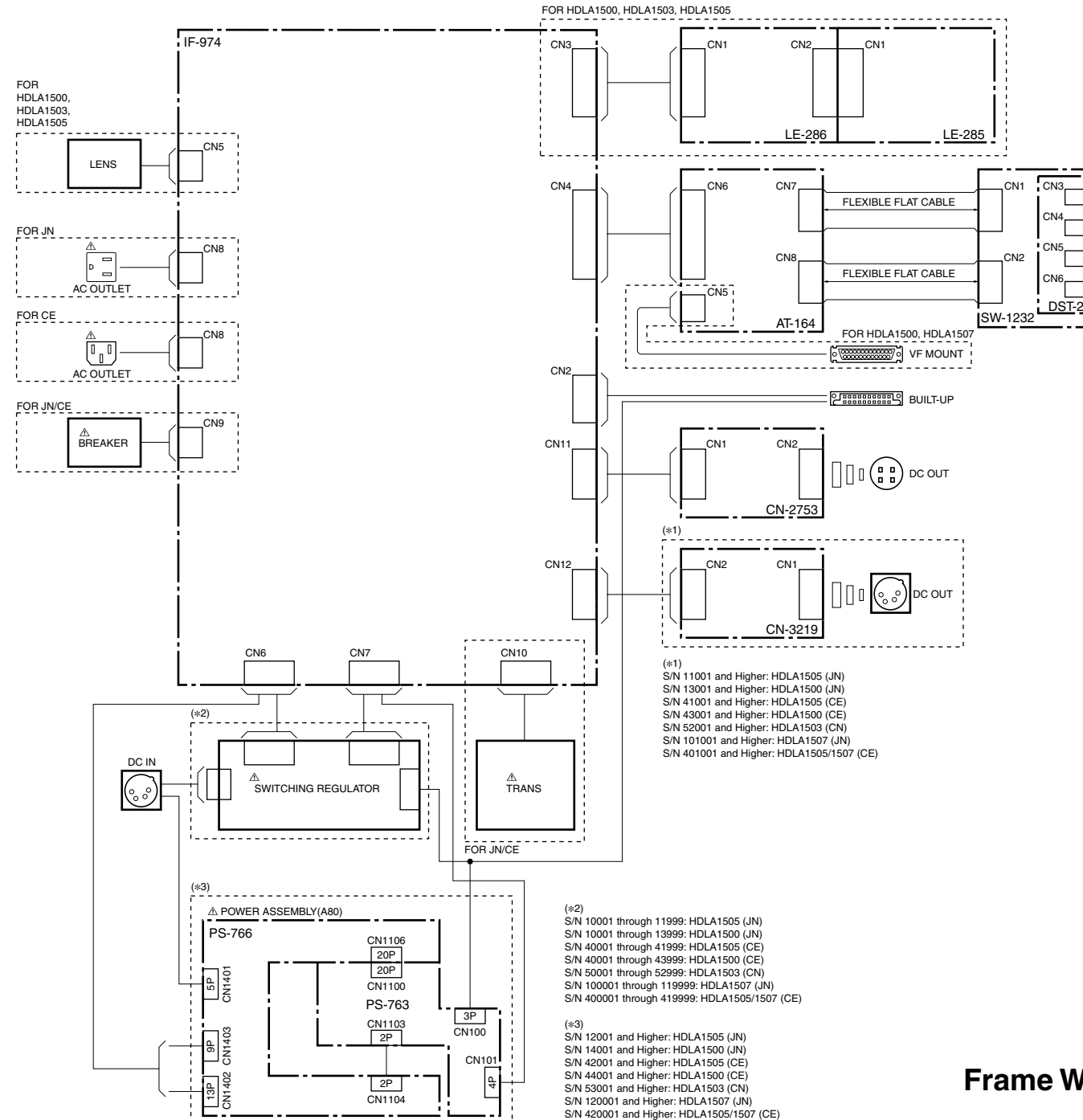
H





Frame Wiring

Frame Wiring

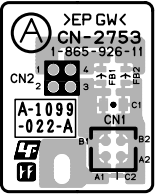


Frame Wiring

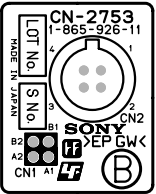
Section 7
Board Layouts

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CN-2753 -A SIDE-
SUFFIX: -11



CN-2753 -B SIDE-
SUFFIX: -11

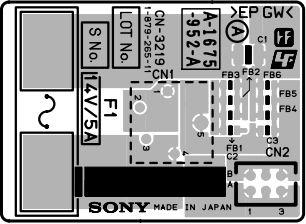
CN-2753 (1-865-926-11)

*:B SIDE

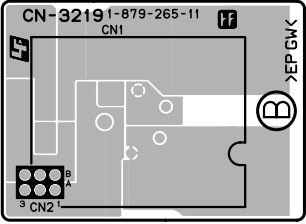
C1 B2
C2 B2

CN1 B2

FB1 B2
FB2 B2



CN-3219 -A SIDE-
SUFFIX: -11



CN-3219 -B SIDE-
SUFFIX: -11

CN-3219 (1-879-265-11)

*:B SIDE

C1 A1 FB4 A1
C2 A1 FB5 A1
C3 A1 FB6 A1

CN1 *A1 FH1 A1
CN2 A1 FH2 A1

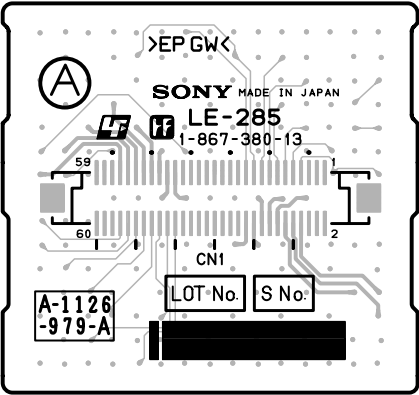
FB1 A1
FB2 A1
FB3 A1



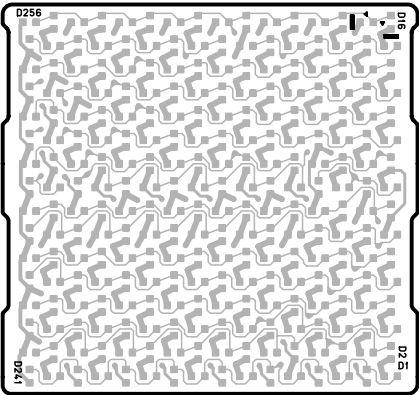
DST-20 -A SIDE-
SUFFIX: -11



DST-20 -B SIDE-
SUFFIX: -11



LE-285 -A SIDE-
SUFFIX: -11, 13
HDLA1500, HDLA1503, HDLA1505

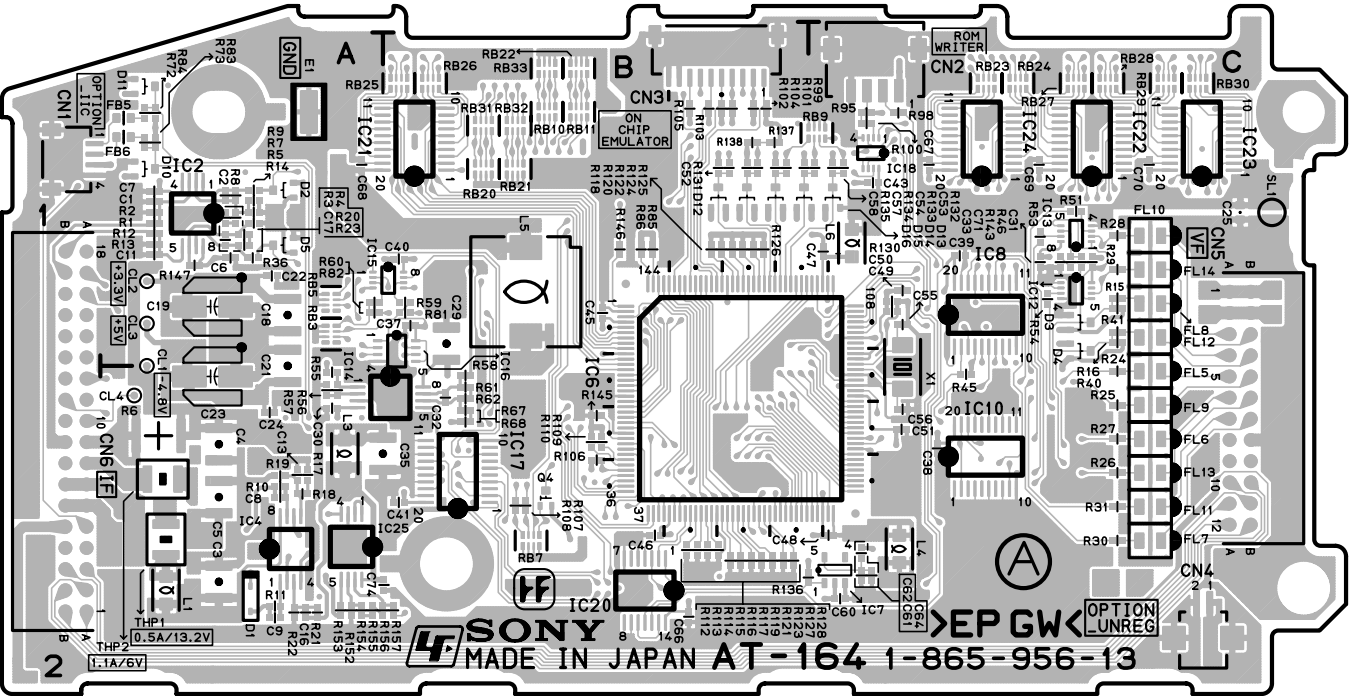


LE-285 -B SIDE-
SUFFIX: -11, 13
HDLA1500, HDLA1503, HDLA1505

AT-164 (1-865-956-13)

*:B SIDE

C1	A1	D5	A1	R16	C1	R121	B2
C2	A1	D6	*A1	R17	A2	R122	B1
C3	A2	D7	*A1	R18	A2	R123	B2
C4	A2	D8	*A2	R19	A2	R124	B1
C5	A2	D9	*A2	R20	A1	R125	B1
C6	A1	D10	A1	R21	A2	R126	B1
C7	A1	D11	A1	R22	A2	R127	B2
C8	A2	D12	B1	R23	A1	R128	B2
C9	A2	D13	C1	R24	C2	R130	C1
C10	*A2	D14	B1	R25	C2	R131	B1
C11	A1	D15	B1	R26	C2	R132	C1
C12	*A2	D16	B1	R27	C2	R133	C1
C13	A2			R28	C1	R134	B1
C14	*A2	E1	A1	R29	C1	R135	B1
C15	*A2	E2	*C2	R30	C2	R136	B2
C16	A2			R31	C2	R137	B1
C17	A1	FB1	*A1	R32	*A2	R138	B1
C18	A1	FB2	*A1	R33	*A2	R139	*B2
C19	A1	FB3	*A2	R34	*A2	R140	*B2
C20	*A1	FB4	*A2	R35	*A2	R141	*B2
C21	A2	FB5	A1	R36	A1	R142	*B2
C22	A1	FB6	A1	R37	*A2	R143	C1
C23	A2	FB7	*A2	R38	*A2	R144	*A2
C24	A2	FB8	*A2	R39	*A2	R145	B2
C25	C1			R40	C1	R146	B1
C26	*A1	FL1	*C2	R41	C1	R147	A1
C27	*A1	FL2	*C1	R42	*A1	R148	*A1
C28	*A1	FL3	*C1	R43	*A1	R149	*A1
C29	B1	FL4	*C1	R44	*A1	R150	*A1
C30	A2	FL5	C2	R45	C2	R151	*A1
C31	C1	FL6	C2	R46	C1	R152	A2
C32	B2	FL7	C2	R47	*A1	R153	A2
C33	C1	FL8	C1	R48	*A1	R154	A2
C34	*C1	FL9	C2	R49	*C1	R155	A2
C35	A2	FL10	C1	R50	*C1	R156	A2
C36	*A2	FL11	C2	R51	C1	R157	B2
C37	B1	FL12	C1	R52	*A1		
C38	C2	FL13	C2	R53	C1	RB1	*C2
C39	C1	FL14	C1	R54	C1	RB2	*C2
C40	B1			R55	A2	RB3	A1
C41	B2	IC1	*A2	R56	A2	RB4	*B2
C43	C1	IC2	A1	R57	A2	RB5	A1
C44	*C2	IC3	*A2	R58	B2	RB6	*B2
C45	B1	IC4	A2	R59	B1	RB7	B2
C46	B2	IC6	B2	R60	A1	RB8	*C1
C47	C1	IC7	C2	R61	B2	RB9	C1
C48	C2	IC8	C1	R62	B2	RB10	B1
C49	C1	IC9	*A1	R63	*A1	RB11	B1
C50	C1	IC10	C2	R64	*A1	RB12	*B1
C51	C2	IC11	*C1	R65	*A1	RB13	*B1
C52	B1	IC12	C1	R66	*A1	RB14	*C1
C53	C1	IC13	C1	R67	B2	RB15	*C1
C54	B1	IC14	A2	R68	B2	RB16	*C1
C55	C1	IC15	B1	R69	*A2	RB17	*C1
C56	C2	IC16	B1	R70	*A2	RB18	*C1
C57	B1	IC17	B2	R71	*A2	RB19	*C1
C58	B1	IC18	C1	R72	A1	RB20	B1
C60	C2	IC20	B2	R73	A1	RB21	B1
C61	C2	IC21	B1	R74	*A2	RB22	B1
C62	C2	IC22	C1	R75	*A2	RB23	C1
C63	*B2	IC23	C1	R76	*A2	RB24	C1
C64	C2	IC24	C1	R81	B1	RB25	B1
C65	*B2	IC25	A2	R82	A1	RB26	B1
C66	B2			R83	A1	RB27	C1
C67	C1	L1	A2	R84	A1	RB28	C1
C68	A1	L2	*A2	R85	B1	RB29	C1
C69	C1	L3	A2	R86	B1	RB30	C1
C70	C1	L4	C2	R95	C1	RB31	B1
C71	C1	L5	B1	R98	C1	RB32	B1
C72	*A2	L6	C1	R99	B1	RB33	B1
C73	*A1			R100	C1		
C74	B2	Q1	*A2	R101	B1	S1	*B2
		Q2	*A2	R102	B1		
CL1	A2	Q3	*A2	R103	B1	THP1	A2
CL2	A1	Q4	B2	R104	B1	THP2	A2
CL3	A1			R105	B1		
CL4	A2	R1	A1	R106	B2	X1	C2
		R2	A1	R107	B2		
CN1	A1	R3	A1	R108	B2		
CN2	C1	R4	A1	R109	B2		
CN3	B1	R5	A1	R110	B2		
CN4	C2	R6	A2	R111	*B2		
CN5	C2	R7	A1	R112	B2		
CN6	A2	R8	A1	R113	B2		
CN7	*B1	R9	A1	R114	B2		
CN8	*C1	R10	A2	R115	B2		
		R11	A2	R116	B2		
D1	A2	R12	A1	R117	B2		
D2	A1	R13	A1	R118	B1		
D3	C1	R14	A1	R119	B2		
D4	C1	R15	C1	R120	B1		



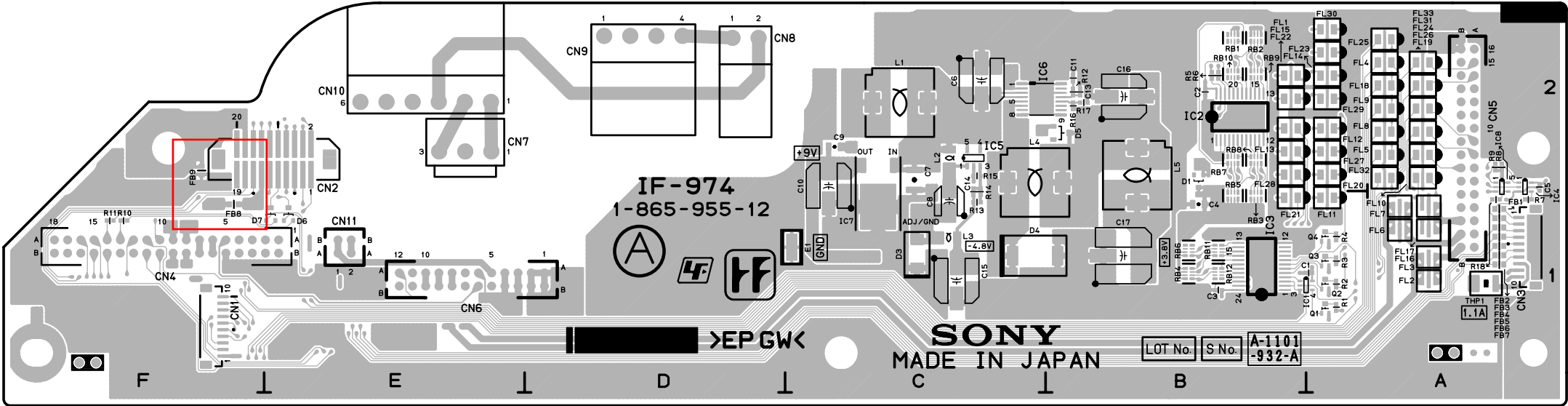
IF-974 (1-865-955-12)

*:B SIDE

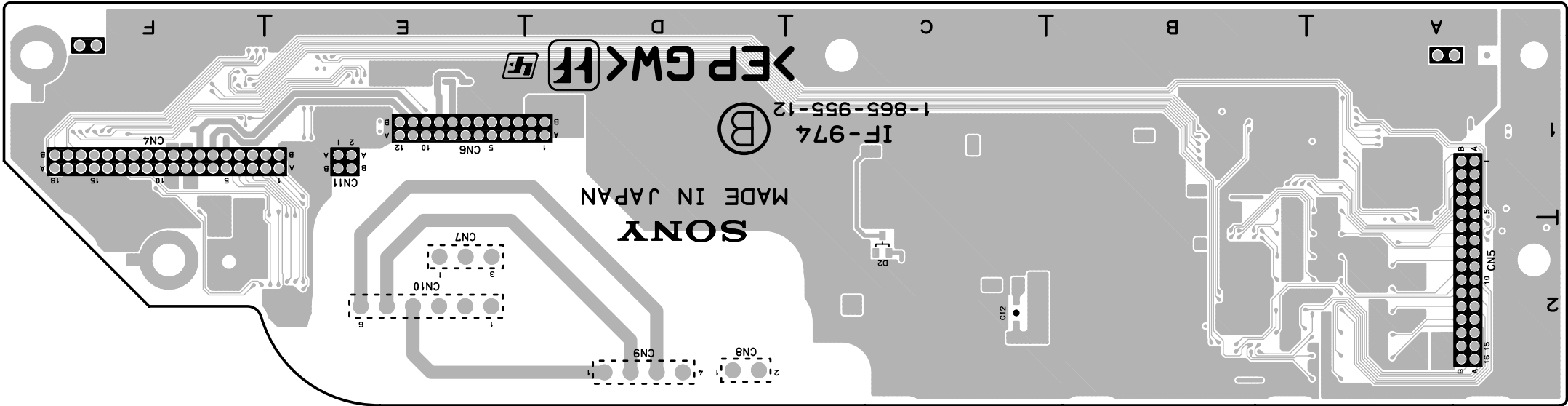
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C2	B2		
C3	B1	L1	C2
C4	B1	L2	C2
C5	A2	L3	C1
C6	C2	L4	C2
C7	C2	L5	B2
C8	C1		
C9	C2	Q1	A1
C10	C2	Q2	A1
C11	B2	Q3	A1
C12	*C2	Q4	A1
C13	B2		
C14	C1	R1	A1
C15	C1	R2	A1
C16	B2	R3	A1
C17	B1	R4	A1
		R5	B2
CN1	F1	R6	B2
CN2	E2	R7	A1
CN3	A1	R8	A2
CN4	E1	R9	A2
CN5	A2	R10	F1
CN6	E1	R11	F1
CN7	E2	R12	B2
CN8	D2	R13	C1
CN9	D2	R14	C1
CN10	E2	R15	C2
CN11	E1	R16	B2
		R17	B2
D1	B2	R18	A1
D2	*C2		
D3	C1	RB1	B2
D4	C1	RB2	B2
D5	B2	RB3	B1
D6	E1	RB4	B1
D7	E1	RB5	B1
		RB6	B1
E1	C1	RB7	B2
		RB8	B2
FB1	A1	RB9	B2
FB2	A1	RB10	B2
FB3	A1	RB11	B1
FB4	A1	RB12	B1
FB5	A1		
FB6	A1	THP1	A1
FB7	A1		
FB8	F1		
FB9	F2		

FL1	B2
FL2	A1
FL3	A1
FL4	A2
FL5	A2
FL6	A1
FL7	A1
FL8	A2
FL9	A2
FL10	A2
FL11	A1
FL12	A2
FL13	B2
FL14	A2
FL15	B2
FL16	A1
FL17	A1
FL18	A2
FL19	A2
FL20	A2
FL21	B1
FL22	B2
FL23	A2
FL24	A2
FL25	A2
FL26	A2
FL27	A2
FL28	B2
FL29	A2
FL30	A2
FL31	A2
FL32	A2
FL33	A2

IC1	A1
IC2	B2
IC3	B1
IC4	A2
IC5	C2
IC6	C2
IC7	C1



IF-974 -A SIDE-
SUFFIX: -12

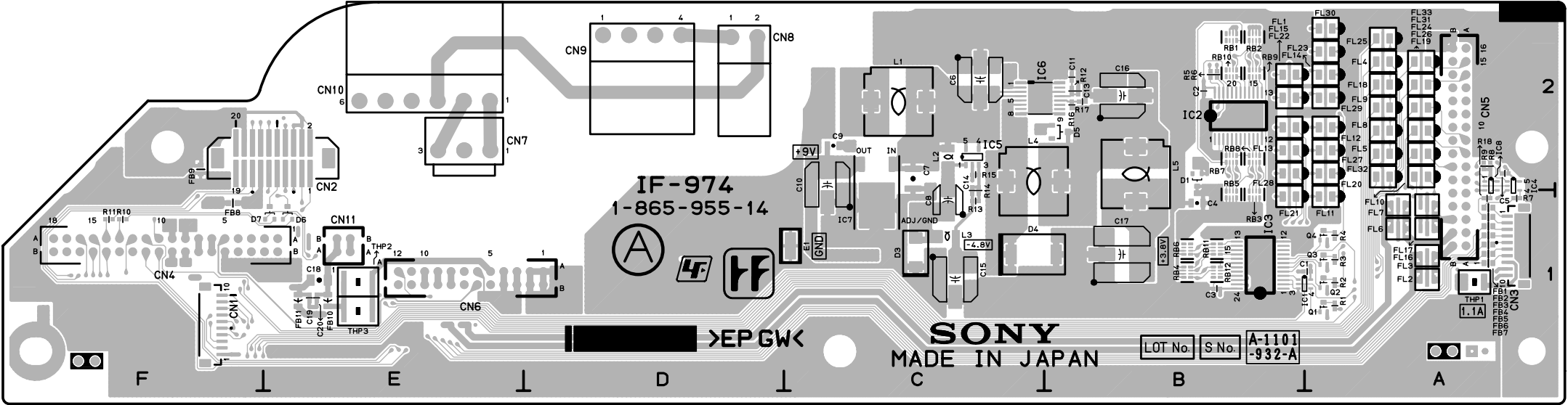


IF-974 -B SIDE-
SUFFIX: -12

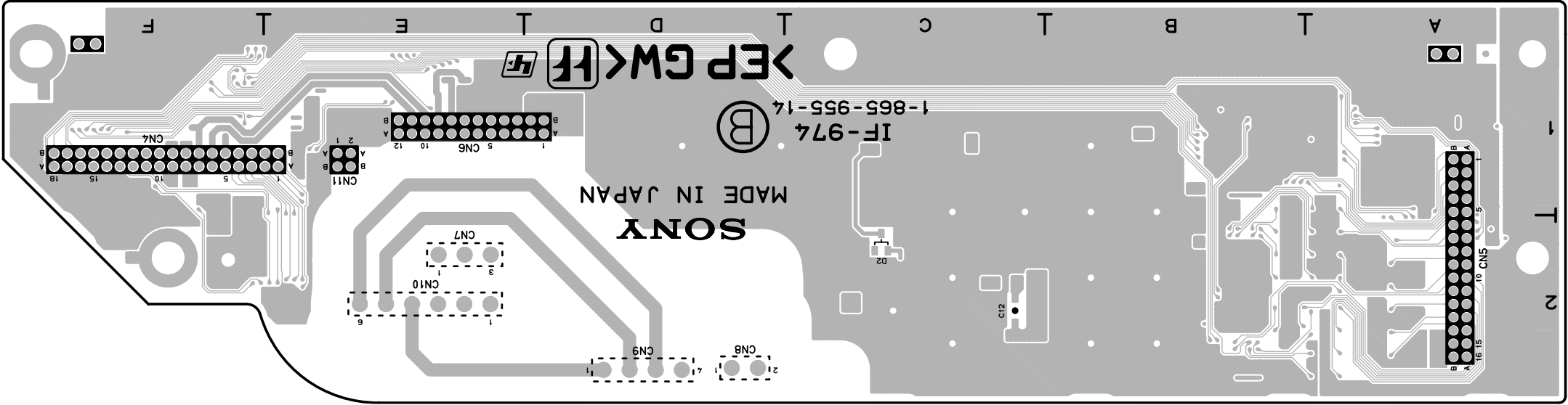
IF-974 (1-865-955-13,14)

*:B SIDE

C1	A1	IC3	B1
C2	B2	IC4	A2
C3	B1	IC5	C2
C4	B1	IC6	C2
C5	A2	IC7	C1
C6	C2	IC8	A2
C7	C2		
C8	C1	L1	C2
C9	C2	L2	C2
C10	C2	L3	C1
C11	B2	L4	C2
C12	*C2	L5	B2
C13	B2		
C14	C1	Q1	A1
C15	C1	Q2	A1
C16	B2	Q3	A1
C17	B1	Q4	A1
C18	E1		
C19	E1	R1	A1
C20	E1	R2	A1
CN1	F1	R4	A1
CN2	E2	R5	B2
CN3	A1	R6	B2
CN4	E1	R7	A1
CN5	A2	R8	A2
CN6	E1	R9	A2
CN7	E2	R10	F1
CN8	D2	R11	F1
CN9	D2	R12	B2
CN10	E2	R13	C1
CN11	E1	R14	C1
		R15	C2
D1	B2	R16	B2
D2	*C2	R17	B2
D3	C1	R18	A1
D4	C1		
D5	B2	RB1	B2
D6	E1	RB2	B2
D7	E1	RB3	B1
		RB4	B1
E1	C1	RB5	B1
		RB6	B1
FB1	A1	RB7	B2
FB2	A1	RB8	B2
FB3	A1	RB9	B2
FB4	A1	RB10	B2
FB5	A1	RB11	B1
FB6	A1	RB12	B1
FB7	A1		
FB8	F1	THP1	A1
FB9	F2	THP2	E1
FB10	E1	THP3	E1
FB11	E1		
FL1	B2		
FL2	A1		
FL3	A1		
FL4	A2		
FL5	A2		
FL6	A1		
FL7	A1		
FL8	A2		
FL9	A2		
FL10	A2		
FL11	A1		
FL12	A2		
FL13	B2		
FL14	A2		
FL15	B2		
FL16	A1		
FL17	A1		
FL18	A2		
FL19	A2		
FL20	A2		
FL21	B1		
FL22	B2		
FL23	A2		
FL24	A2		
FL25	A2		
FL26	A2		
FL27	A2		
FL28	B2		
FL29	A2		
FL30	A2		
FL31	A2		
FL32	A2		
FL33	A2		
IC1	A1		
IC2	B2		



IF-974 -A SIDE-
SUFFIX: -13, 14

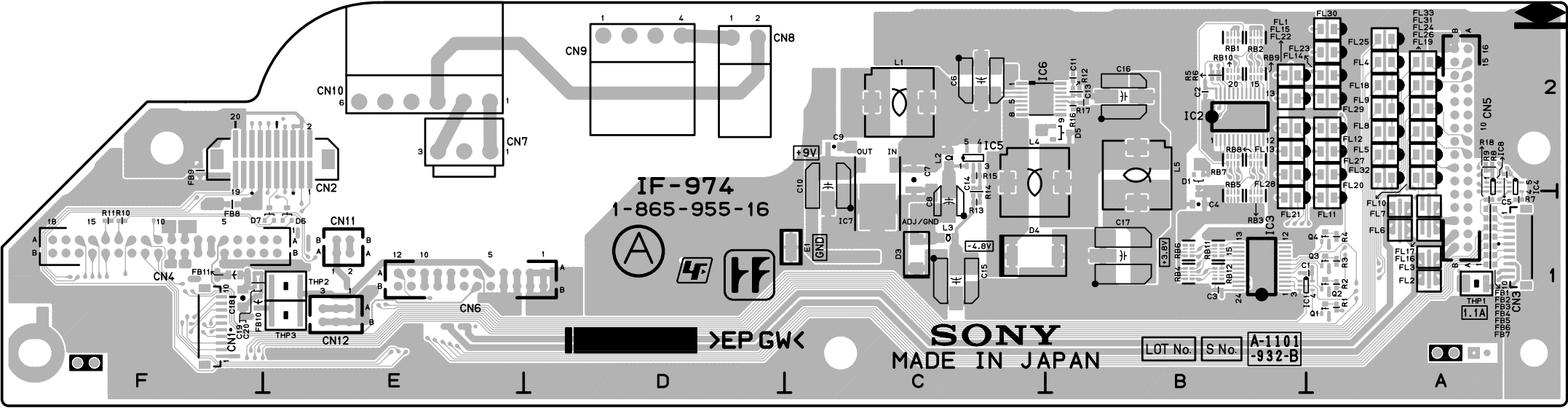


IF-974 -B SIDE-
SUFFIX: -13, 14

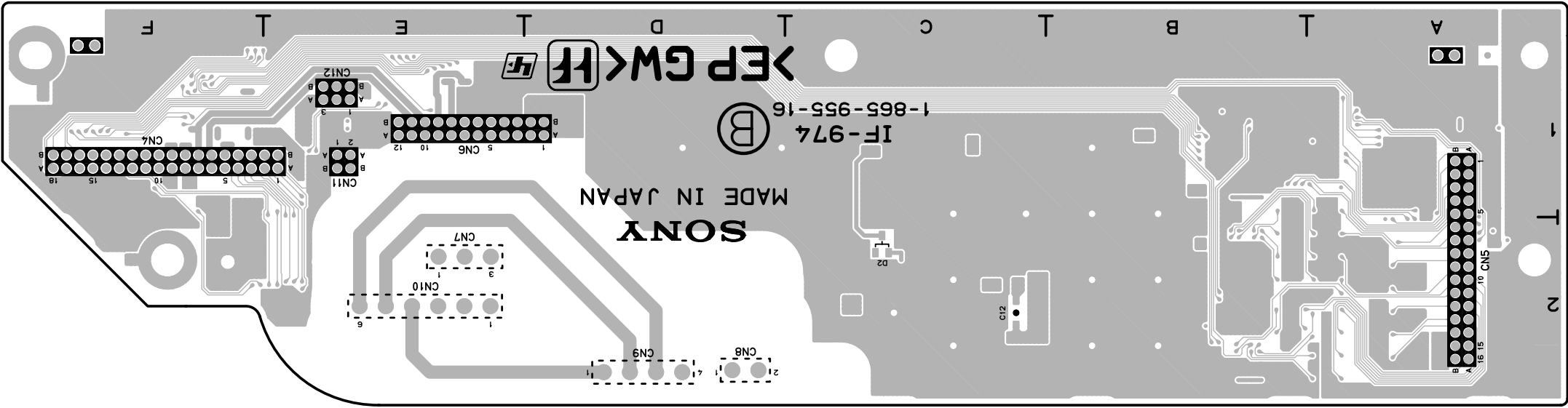
IF-974 (1-865-955-15,16)

*:B SIDE

C1	A1	IC1	A1
C2	B2	IC2	B2
C3	B1	IC3	B1
C4	B1	IC4	A2
C5	A2	IC5	C2
C6	C2	IC6	C2
C7	C2	IC7	C1
C8	C1	IC8	A2
C9	C2		
C10	C2	KA001	A1
C11	B2		
C12	*C2	KB001	*A1
C13	B2		
C14	C1	L1	C2
C15	C1	L2	C2
C16	B2	L3	C1
C17	B1	L4	C2
C18	F1	L5	B2
C19	F1		
C20	F1	Q1	A1
		Q2	A1
		Q3	A1
CN1	F1	Q4	A1
CN2	E2		
CN3	A1		
CN4	E1	R1	A1
CN5	A2	R2	A1
CN6	E1	R3	A1
CN7	E2	R4	A1
CN8	D2	R5	B2
CN9	D2	R6	B2
CN10	E2	R7	A1
CN11	E1	R8	A2
CN12	E1	R9	A2
		R10	F1
D1	B2	R11	F1
D2	*C2	R12	B2
D3	C1	R13	C1
D4	C1	R14	C1
D5	B2	R15	C2
D6	E1	R16	B2
D7	E1	R17	B2
		R18	A1
E1	C1		
FB1	A1	RB1	B2
FB2	A1	RB2	B2
FB3	A1	RB3	B1
FB4	A1	RB4	B1
FB5	A1	RB5	B1
FB6	A1	RB6	B1
FB7	A1	RB7	B2
FB8	A1	RB8	B2
FB9	F1	RB9	B2
FB10	F2	RB10	B2
FB11	F1	RB11	B1
FB12	F1	RB12	B1
FL1	B2	THP1	A1
FL2	A1	THP2	E1
FL3	A1	THP3	E1
FL4	A2		
FL5	A2		
FL6	A1		
FL7	A1		
FL8	A2		
FL9	A2		
FL10	A2		
FL11	A1		
FL12	A2		
FL13	B2		
FL14	A2		
FL15	B2		
FL16	A1		
FL17	A1		
FL18	A2		
FL19	A2		
FL20	A2		
FL21	B1		
FL22	B2		
FL23	A2		
FL24	A2		
FL25	A2		
FL26	A2		
FL27	A2		
FL28	B2		
FL29	A2		
FL30	A2		
FL31	A2		
FL32	A2		
FL33	A2		
HA001	A1		



IF-974 -A SIDE-
SUFFIX: -15, 16

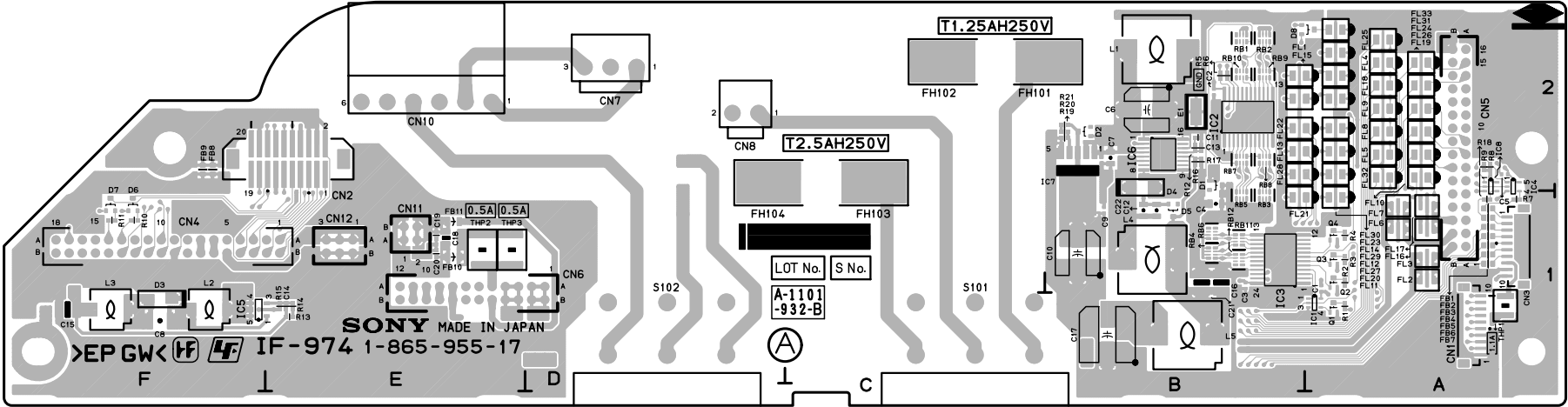


IF-974 -B SIDE-
SUFFIX: -15, 16

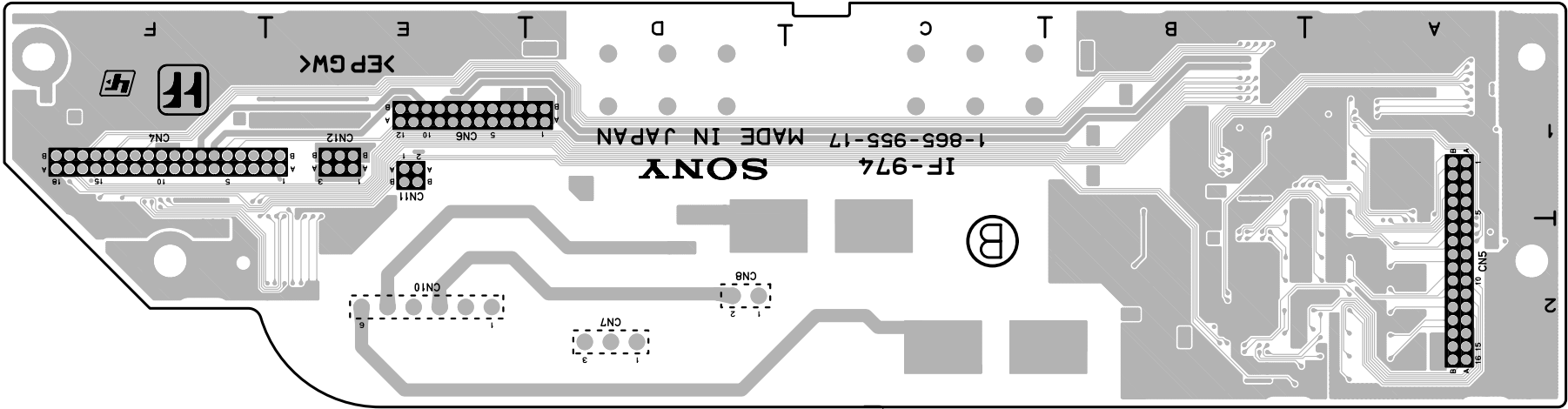
IF-974 (1-865-955-17)

*:B SIDE

C1	A1	FL30	A2
C2	B2	FL31	A2
C3	B1	FL32	A2
C4	B1	FL33	A2
C5	A2		
C6	B2	IC1	A1
C7	B2	IC2	B2
C8	F1	IC3	B1
C9	B1	IC4	A2
C10	B1	IC5	F1
C11	B2	IC6	B2
C12	B1	IC7	B2
C13	B2	IC8	A2
C14	E1		
C15	F1	L1	B2
C16	B1	L2	F1
C17	B1	L3	F1
C18	E1	L4	B1
C19	E1	L5	B1
C20	E1		
C21	B1	Q1	A1
C22	B1	Q2	A1
		Q3	A1
		Q4	A1
CN1	A1		
CN2	E2		
CN3	A1	R1	A1
CN4	E1	R2	A1
CN5	A2	R3	A1
CN6	E1	R4	A1
CN7	D2	R5	B2
CN8	D2	R6	B2
CN10	E2	R7	A1
CN11	E1	R8	A2
CN12	E1	R9	A2
		R10	F1
D1	B2	R11	F1
D2	B2	R12	B2
D3	F1	R13	E1
D4	B2	R14	E1
D5	B1	R15	E1
D6	F1	R16	B2
D7	F1	R17	B2
D8	A2	R18	A1
		R19	B2
E1	B2	R20	B2
		R21	B2
FB1	A1		
FB2	A1	RB1	B2
FB3	A1	RB2	B2
FB4	A1	RB3	B1
FB5	A1	RB4	B1
FB6	A1	RB5	B1
FB7	A1	RB6	B1
FB8	F2	RB7	B2
FB9	F2	RB8	B2
FB10	E1	RB9	B2
FB11	E1	RB10	B2
		RB11	B1
		RB12	B1
FH101	B2		
FH102	C2		
FH103	C2	S101	C1
FH104	D2	S102	D1
FL1	B2	SORI01	A2
FL2	A1		
FL3	A1	THP1	A1
FL4	A2	THP2	E1
FL5	A2	THP3	E1
FL6	A1		
FL7	A1		
FL8	A2		
FL9	A2		
FL10	A2		
FL11	A1		
FL12	A2		
FL13	B2		
FL14	A2		
FL15	B2		
FL16	A1		
FL17	A1		
FL18	A2		
FL19	A2		
FL20	A2		
FL21	B1		
FL22	B2		
FL23	A2		
FL24	A2		
FL25	A2		
FL26	A2		
FL27	A2		
FL28	B2		
FL29	A2		



IF-974 -A SIDE-
SUFFIX: -17



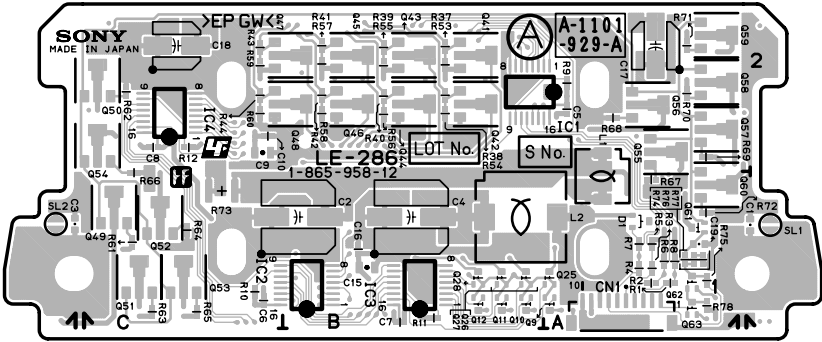
IF-974 -B SIDE-
SUFFIX: -17

LE-286

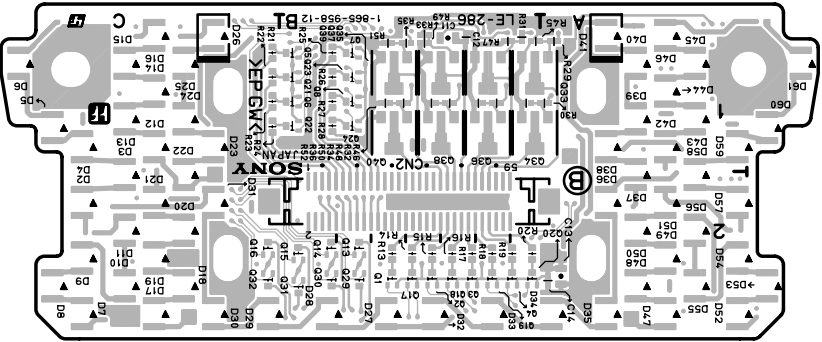
LE-286 (1-865-958-12)

*:B SIDE

C1	A1	L2	B1	R26	*B1
C2	B1			R27	*B1
C3	C1	Q1	*B2	R28	*B1
C4	B1	Q2	*B2	R29	*A1
C5	A2	Q3	*B2	R30	*A1
C6	C1	Q4	*B2	R31	*B1
C7	B1	Q5	*B1	R32	*B1
C8	C2	Q6	*B1	R33	*B1
C9	C2	Q7	*B1	R34	*B1
C10	C2	Q8	*B1	R35	*B1
C11	*B1	Q9	A1	R36	*B1
C12	*B1	Q10	B1	R37	B2
C13	*A2	Q11	B1	R38	B2
C14	*A2	Q12	B1	R39	B2
C15	B1	Q13	*B2	R40	B2
C16	B1	Q14	*B2	R41	B2
C17	A2	Q15	*B2	R42	B2
C18	C2	Q16	*C2	R43	C2
C19	A1	Q17	*B2	R44	C2
		Q18	*B2	R45	*B1
CN1	A1	Q19	*B2	R46	*B1
CN2	*B2	Q20	*B2	R47	*B1
		Q21	*B1	R48	*B1
D1	A1	Q22	*B1	R49	*B1
D2	*C2	Q23	*B1	R50	*B1
D3	*C2	Q24	*B1	R51	*B1
D4	*C1	Q25	A1	R52	*B1
D5	*C1	Q26	B1	R53	B2
D6	*C1	Q27	B1	R54	B2
D7	*C2	Q28	B1	R55	B2
D8	*C2	Q29	*B2	R56	B2
D9	*C2	Q30	*B2	R57	B2
D10	*C2	Q31	*B2	R58	B2
D11	*C2	Q32	*C2	R59	C2
D12	*C1	Q33	*B1	R60	C2
D13	*C1	Q34	*B1	R61	C1
D14	*C1	Q35	*B1	R62	C2
D15	*C1	Q36	*B1	R63	C1
D16	*C1	Q37	*B1	R64	C1
D17	*C2	Q38	*B1	R65	C1
D18	*C2	Q39	*B1	R66	C1
D19	*C2	Q40	*B1	R67	A1
D20	*C2	Q41	B2	R68	A2
D21	*C2	Q42	B2	R69	A2
D22	*C2	Q43	B2	R70	A2
D23	*C1	Q44	B2	R71	A2
D24	*C1	Q45	B2	R72	A1
D25	*C1	Q46	B2	R73	C1
D26	*C1	Q47	B2	R74	A1
D27	*B2	Q48	B2	R75	A1
D28	*B2	Q49	C1	R76	A1
D29	*C2	Q50	C2	R77	A1
D30	*C2	Q51	C1	R78	A1
D31	*C2	Q52	C1		
D32	*B2	Q53	C1		
D33	*B2	Q54	C2		
D34	*A2	Q55	A2		
D35	*A2	Q56	A2		
D36	*A2	Q57	A2		
D37	*A2	Q58	A2		
D38	*A1	Q59	A2		
D39	*A1	Q60	A1		
D40	*A1	Q61	A1		
D41	*A1	Q62	A1		
D42	*A1	Q63	A1		
D43	*A1				
D44	*A1	R1	A1		
D45	*A1	R2	A1		
D46	*A1	R3	A1		
D47	*A2	R4	A1		
D48	*A2	R5	A1		
D49	*A2	R6	A1		
D50	*A2	R7	A1		
D51	*A2	R8	A1		
D52	*A2	R9	A2		
D53	*A2	R10	C1		
D54	*A2	R11	B1		
D55	*A2	R12	C2		
D56	*A2	R13	*B2		
D57	*A2	R14	*B2		
D58	*A2	R15	*B2		
D59	*A1	R16	*B2		
D60	*A1	R17	*B2		
D61	*A1	R18	*B2		
		R19	*B2		
IC1	A2	R20	*B2		
IC2	B1	R21	*C1		
IC3	B1	R22	*C1		
IC4	C2	R23	*C1		
		R24	*C1		
L1	A1	R25	*B1		



LE-286 -A SIDE-
SUFFIX: -12

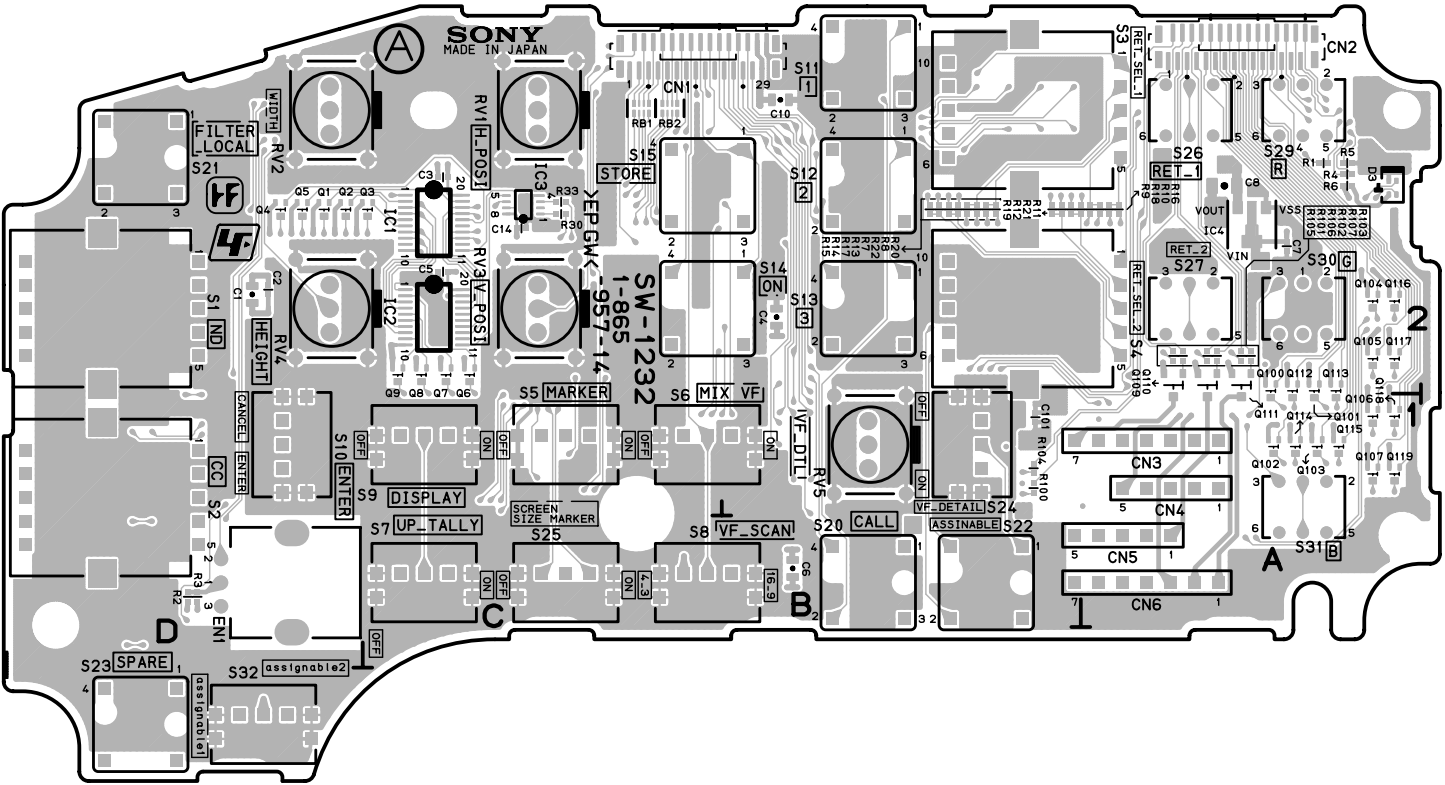


LE-286 -B SIDE-
SUFFIX: -12

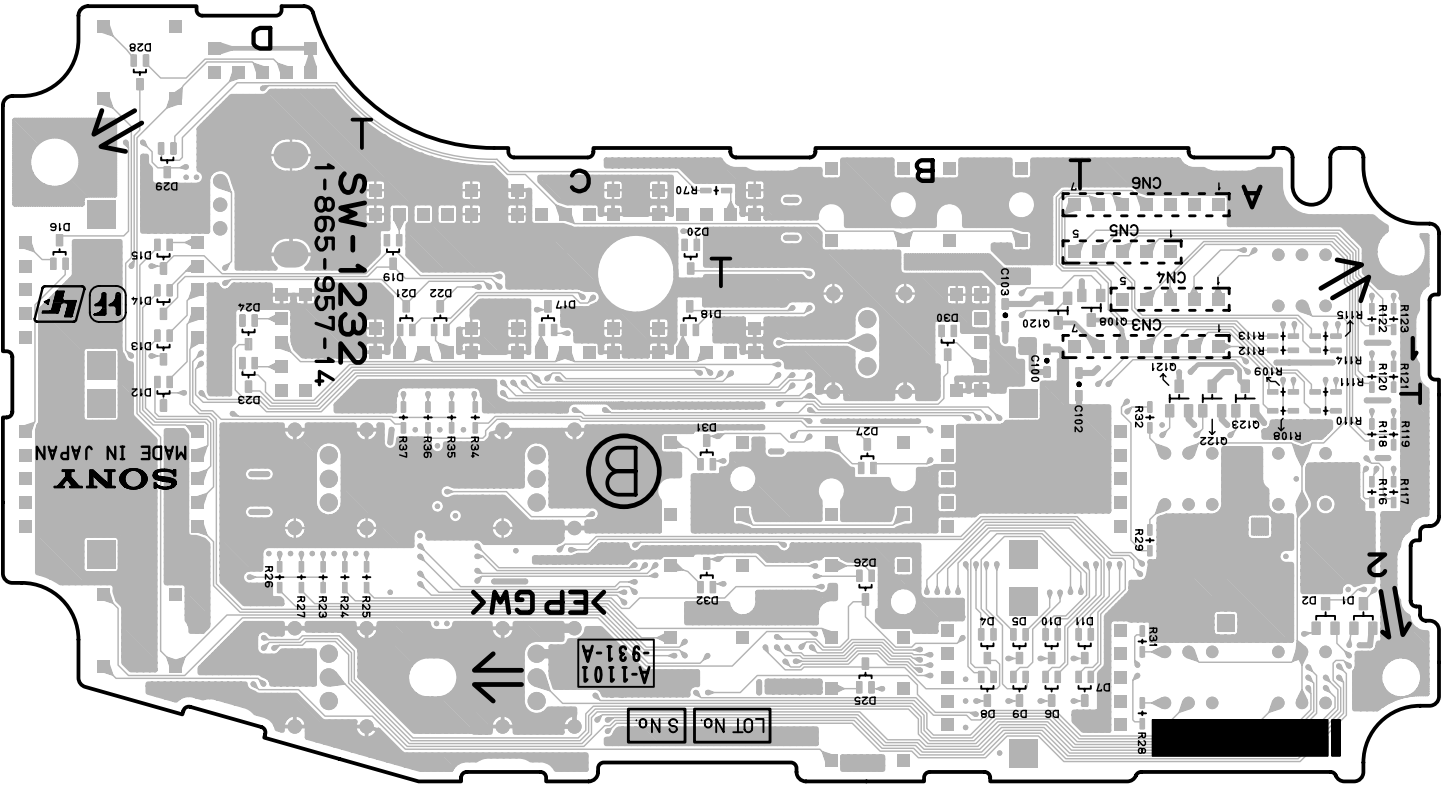
SW-1232 (1-865-957-14)

*:B SIDE

C1	D2	Q120	*B1	S15	C2
C2	D2	Q121	*A2	S20	B1
C3	C2	Q122	*A2	S21	D2
C4	B2	Q123	*A2	S22	B1
C5	C2			S23	D1
C6	B1	R1	A2	S24	B1
C7	A2	R2	D1	S25	C1
C8	A2	R3	D1	S26	A2
C10	B2	R4	A2	S27	A2
C14	C2	R5	A2	S29	A2
C100	*B1	R6	A2	S30	A2
C101	B1	R7	B2	S31	A1
C102	*B1	R8	B2	S32	D1
C103	*B1	R9	A2		
		R10	A2		
CN1	C2	R11	A2		
CN2	A2	R12	B2		
CN3	A1	R13	B2		
CN4	A1	R14	B2		
CN5	A1	R15	B2		
CN6	A1	R16	A2		
		R17	B2		
D1	*A2	R18	A2		
D2	*A2	R19	B2		
D3	A2	R20	B2		
D4	*B2	R21	B2		
D5	*B2	R22	B2		
D6	*B2	R23	*D2		
D7	*A2	R24	*D2		
D8	*B2	R25	*C2		
D9	*B2	R26	*D2		
D10	*B2	R27	*D2		
D11	*A2	R28	*A2		
D12	*D2	R29	*A2		
D13	*D1	R30	C2		
D14	*D1	R31	*A2		
D15	*D1	R32	*A2		
D16	*D1	R33	C2		
D17	*C1	R34	*C2		
D18	*C1	R35	*C2		
D19	*C1	R36	*C2		
D20	*C1	R37	*C2		
D21	*C1	R70	*C1		
D22	*C1	R100	B1		
D23	*D1	R101	A2		
D24	*D1	R102	A2		
D25	*B2	R103	A2		
D26	*B2	R104	B1		
D27	*B2	R105	A2		
D28	*D1	R106	A2		
D29	*D1	R107	A2		
D30	*B1	R108	*A2		
D31	*C2	R109	*A1		
D32	*C2	R110	*A2		
		R111	*A1		
EN1	D1	R112	*A1		
		R113	*A1		
IC1	C2	R114	*A1		
IC2	C2	R115	*A1		
IC3	C2	R116	*A2		
IC4	A2	R117	*A2		
		R118	*A2		
Q1	D2	R119	*A2		
Q2	D2	R120	*A1		
Q3	C2	R121	*A1		
Q4	D2	R122	*A1		
Q5	D2	R123	*A1		
Q6	C2				
Q7	C2	RB1	C2		
Q8	C2	RB2	C2		
Q9	C2				
Q100	A2	RV1	C2		
Q101	A2	RV2	D2		
Q102	A1	RV3	C2		
Q103	A1	RV4	D2		
Q104	A2	RV5	B1		
Q105	A2				
Q106	A1	S1	D2		
Q107	A1	S2	D1		
Q108	*A1	S3	B2		
Q109	A2	S4	B2		
Q110	A2	S5	C1		
Q111	A2	S6	C1		
Q112	A2	S7	C1		
Q113	A2	S8	C1		
Q114	A1	S9	C1		
Q115	A1	S10	D1		
Q116	A2	S11	B2		
Q117	A2	S12	B2		
Q118	A1	S13	B2		
Q119	A1	S14	C2		



SW-1232 -A SIDE-
SUFFIX: -14

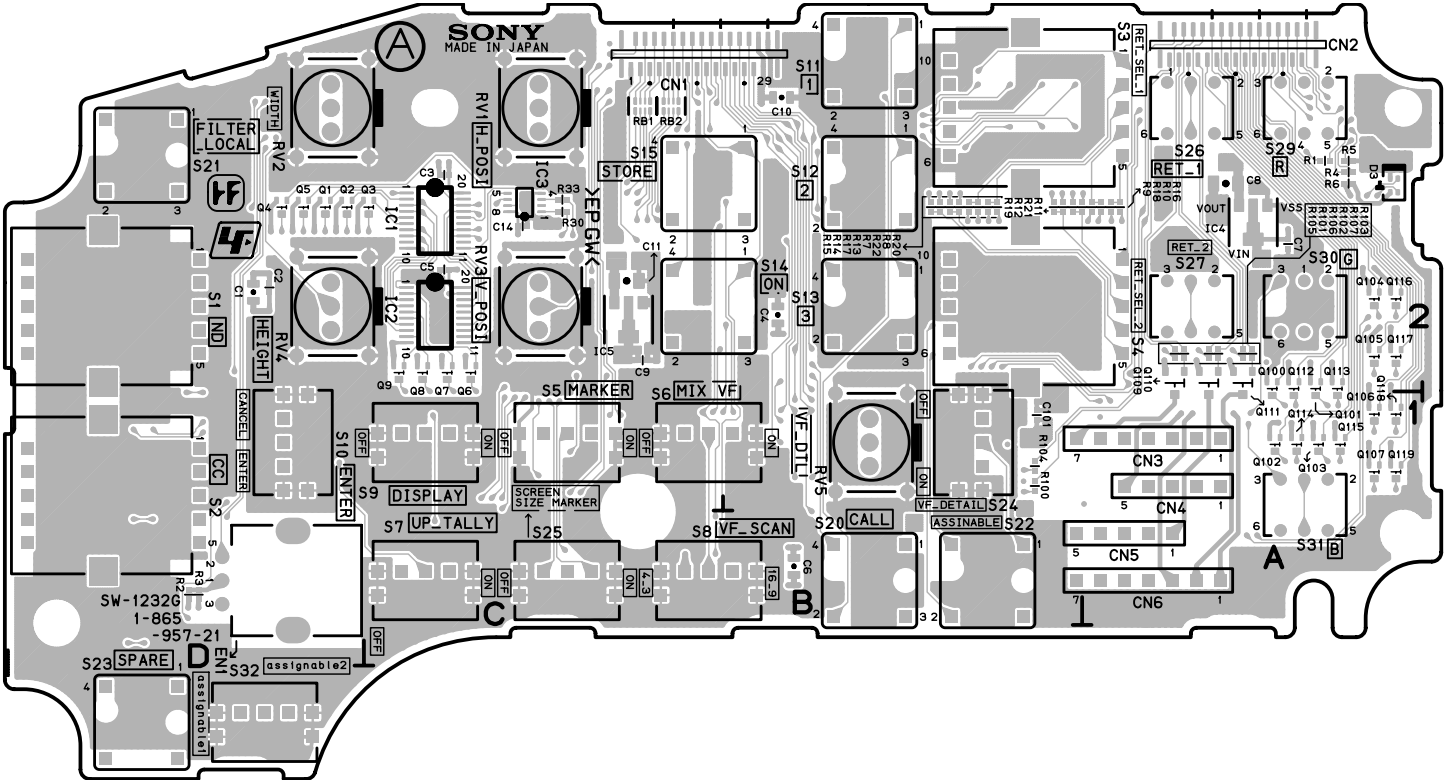


SW-1232 -B SIDE-
SUFFIX: -14

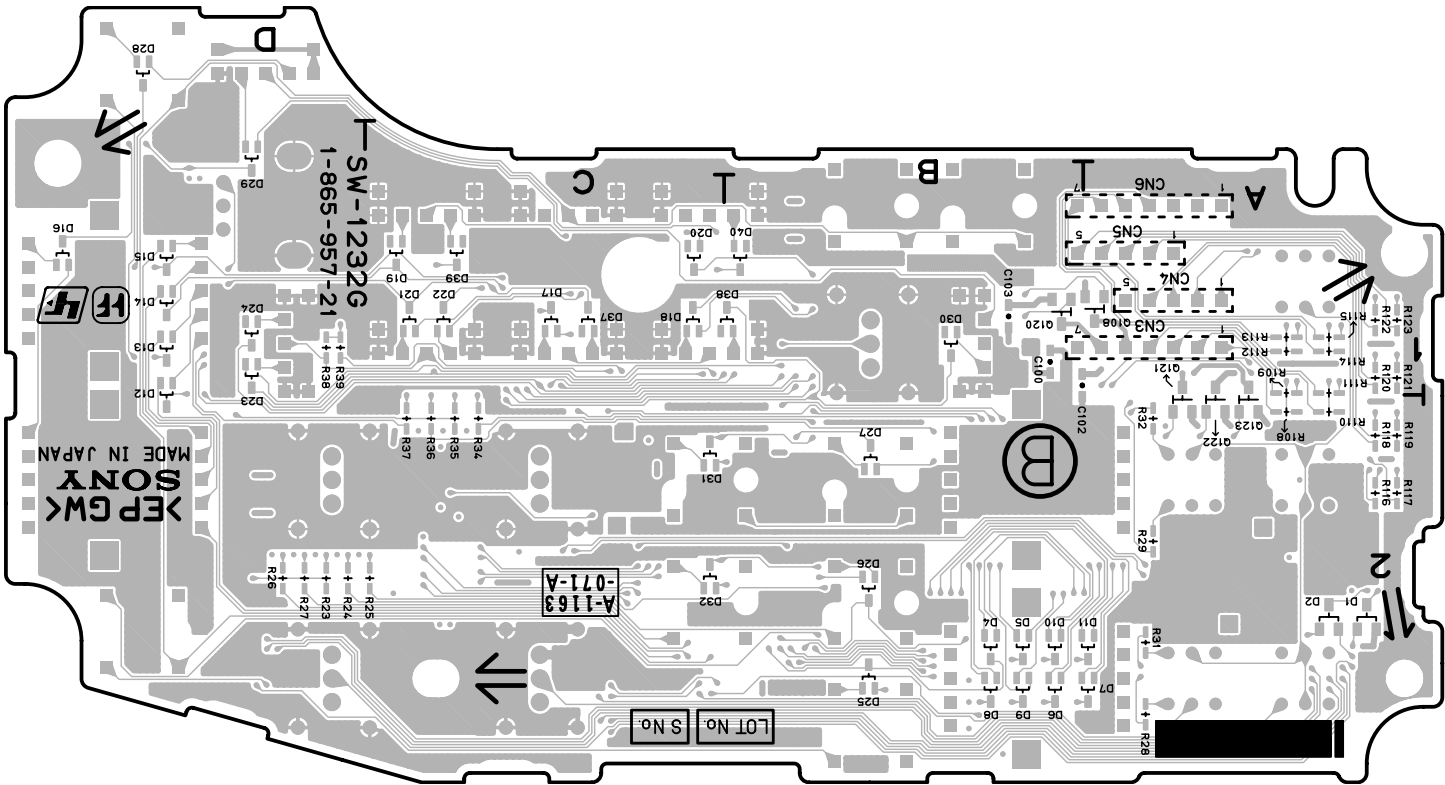
SW-1232 (1-865-957-21)

*:B SIDE

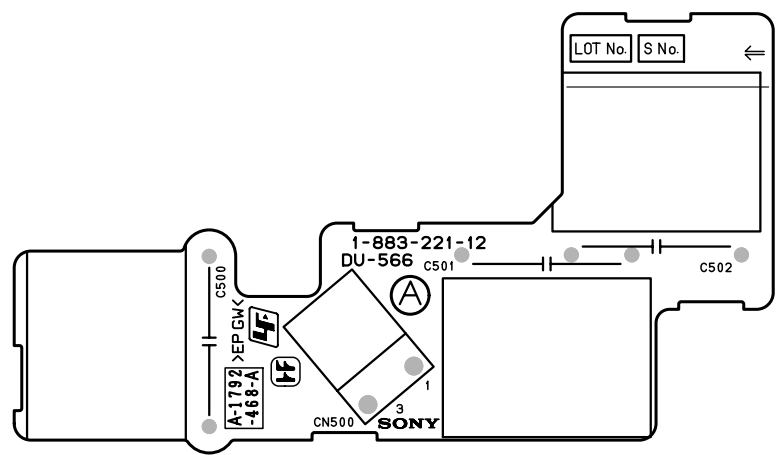
C1	D2	Q114	A1	S8	C1
C2	D2	Q115	A1	S9	C1
C3	C2	Q116	A2	S10	D1
C4	B2	Q117	A2	S11	B2
C5	C2	Q118	A1	S12	B2
C6	B1	Q119	A1	S13	B2
C7	A2	Q120	*B1	S14	C2
C8	A2	Q121	*A2	S15	C2
C9	C2	Q122	*A2	S20	B1
C10	B2	Q123	*A2	S21	D2
C11	C2			S22	B1
C14	C2	R1	A2	S23	D1
C100	*B1	R2	D1	S24	B1
C101	B1	R3	D1	S25	C1
C102	*B1	R4	A2	S26	A2
C103	*B1	R5	A2	S27	A2
		R6	A2	S29	A2
CN1	C2	R7	B2	S30	A2
CN2	A2	R8	B2	S31	A1
CN3	A1	R9	A2	S32	D1
CN4	A1	R10	A2		
CN5	A1	R11	A2		
CN6	A1	R12	B2		
		R13	B2		
D1	*A2	R14	B2		
D2	*A2	R15	B2		
D3	A2	R16	A2		
D4	*B2	R17	B2		
D5	*B2	R18	A2		
D6	*B2	R19	B2		
D7	*A2	R20	B2		
D8	*B2	R21	B2		
D9	*B2	R22	B2		
D11	*A2	R23	*D2		
D12	*D2	R24	*D2		
D13	*D1	R25	*C2		
D14	*D1	R26	*D2		
D15	*D1	R27	*D2		
D16	*D1	R28	*A2		
D17	*C1	R29	*A2		
D18	*C1	R30	C2		
D19	*C1	R31	*A2		
D20	*C1	R32	*A2		
D21	*C1	R33	C2		
D22	*C1	R34	*C2		
D23	*D1	R35	*C2		
D24	*D1	R36	*C2		
D25	*B2	R37	*C2		
D26	*B2	R38	*D1		
D27	*B2	R39	*D1		
D28	*D1	R100	B1		
D29	*D1	R101	A2		
D30	*B1	R102	A2		
D31	*C2	R103	A2		
D32	*C2	R104	B1		
D37	*C1	R105	A2		
D38	*B1	R106	A2		
D39	*C1	R107	A2		
D40	*B1	R108	*A2		
		R109	*A1		
EN1	D1	R110	*A2		
		R111	*A1		
IC1	C2	R112	*A1		
IC2	C2	R113	*A1		
IC3	C2	R114	*A1		
IC4	A2	R115	*A1		
IC5	C2	R116	*A2		
		R117	*A2		
Q1	D2	R118	*A2		
Q2	D2	R119	*A2		
Q3	C2	R120	*A1		
Q4	D2	R121	*A1		
Q5	D2	R122	*A1		
Q6	C2	R123	*A1		
Q7	C2				
Q8	C2	RB1	C2		
Q9	C2	RB2	C2		
Q100	A2				
Q101	A2	RV1	C2		
Q102	A1	RV2	D2		
Q103	A1	RV3	C2		
Q104	A2	RV4	D2		
Q105	A2	RV5	B1		
Q106	A1				
Q107	A1	S1	D2		
Q108	*A1	S2	D1		
Q109	A2	S3	B2		
Q110	A2	S4	B2		
Q111	A2	S5	C1		
Q112	A2	S6	C1		
Q113	A2	S7	C1		



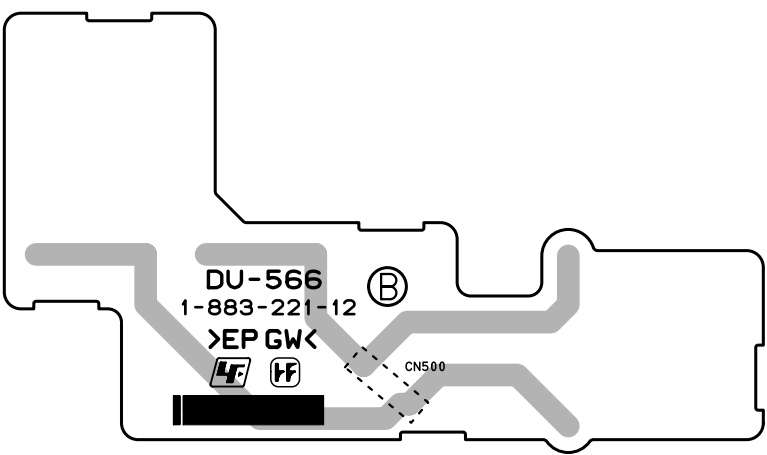
SW-1232 -A SIDE-
SUFFIX: -21



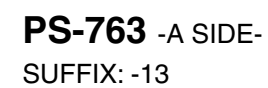
SW-1232 -B SIDE-
SUFFIX: -21



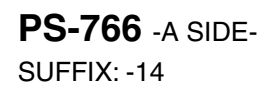
DU-566 -A SIDE-
SUFFIX: -12



DU-566 -B SIDE-
SUFFIX: -12



R407	A3	SL1103	C1
R408	A3	SL1104	A4
R1200	A4	SL1105	A4
R1201	A4	SL1106	A4
R1202	A4		
R1203	A4	T200	A3
R1204	A4	T1200	A4
R1205	A4	T1300	B1
R1206	A4		
R1302	C2	THP200	A4
R1303	C2		
R1304	C2	TP1103	C3
R1305	*C1	TP1104	C3
R1307	*C1		
R1318	C1	*:B	SIDE
R1324	C2		
R1325	C2		
R1326	C2		
R1327	C2		
R1331	*C1		
R1332	*C1		
RY1100	C3		
SL1101	C1		
SL1102	C1		



R1404	B2	R1439	B4	R1466	C4	R2015	*B3	R3014	C4	R4004	*A4	SL1402	A4
R1405	*B3	R1440	*A4	R1467	A4	R2020	A3	R3015	C4	R4005	*A3	SL1403	*A4
R1407	*B2	R1441	A4	R1468	A4	R2021	*B2	R3016	C4	R4006	*B3	SL1404	*A4
R1408	*B3	R1442	*C4	R1469	A4	R2022	*B2	R3017	A4	R4007	*B3	SL1405	*A4
R1410	B3	R1443	C4	R1471	A4	R2023	B3	R3018	A4	R4008	B4	SL1406	*D4
R1411	C3	R1444	*A4	R1472	*C3	R2024	B3	R3019	A4	R4009	*A3	SL1407	*D4
R1412	B2	R1445	A4	R1473	*C3	R2025	*B3	R3020	A4			SL1408	*D4
R1413	B2	R1446	B4	R1486	*B4	R2034	A1	R3021	A4	RB2000	*B3		
R1414	*D4	R1447	B4	R1489	*B4	R2038	A3	R3022	A4	RB2001	*B4	X2000	B3
R1415	B3	R1448	B4	R1490	*B4	R2039	B3	R3023	A4	RB2002	*B3		
R1416	*D3	R1449	B4	R1492	A4	R2046	A1	R3024	A4	RB2003	*B3	*:B	SIDE
R1417	*B2	R1450	*A4	R1493	A4	R2047	A3	R3025	*C4	RB4000	*C4		
R1421	*B1	R1452	*C4	R1494	C4	R2048	A3	R3026	*A4	RB4001	A3		
R1422	*B1	R1453	*A4	R1495	B4	R3000	*B4	R3027	*A4	RB4002	A3		
R1424	*B1	R1454	*B4	R1496	B4	R3001	*B4	R3028	*A4	RB4003	*A3		
R1427	*A3	R1455	*C4	R1519	*D3	R3002	B4	R3029	*A4	RB4004	*A3		
R1428	*A3	R1456	*A4	R1520	*B4	R3003	A4	R3030	A4	RB4005	*C4		
R1429	*A3	R1457	B4	R1521	*B3	R3004	A4	R3031	A4	RB4006	*A4		
R1431	*B4	R1458	*A4	R1522	B3	R3005	B4	R3032	*C4	RB4007	*B4		
R1432	*B4	R1459	B4	R1523	B3	R3006	*A4	R3033	*B2	RB4008	*A3		
R1433	*B4	R1460	B4	R1524	B3	R3007	B4	R3034	*A4	RB4009	*B3		
R1434	B4	R1461	B4	R1525	B3	R3009	C4	R3035	*B2				
R1435	*B4	R1462	C4	R1526	B3	R3010	B4	R4000	*A3	S1100	A1		
R1436	*A4	R1463	A4	R1527	*B3	R3011	C4	R4001	*A4				
R1437	*C4	R1464	A4	R1528	B3	R3012	C4	R4002	*A4	SL1400	A4		
R1438	*A4	R1465	C4	R2008	B3	R3013	C4	R4003	*A4	SL1401	A4		

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