

SONY®

HD ELECTRONIC VIEWFINDER

HDVF-C750W

HDVS

MAINTENANCE MANUAL

2nd Edition

Serial No. 11001 and Higher

警告

このマニュアルは、サービス専用です。

お客様が、このマニュアルに記載された設置や保守、点検、修理などを行うと感電や火災、人身事故につながる可能性があります。

危険をさけるため、サービストレーニングを受けた技術者のみご使用ください。

WARNING

This manual is intended for qualified service personnel only.

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

WARNUNG

Die Anleitung ist nur für qualifiziertes Fachpersonal bestimmt.

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

AVERTISSEMENT

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

Table of Contents

Manual Structure

Purpose of this manual	3 (E)
Relative manual	3 (E)
Contents	4 (E)

1. Service Overview

1-1. Location of Printed Circuit Boards	1-1 (E)
1-2. Connector Output/Input Signals	1-1 (E)
1-3. Removing/Reattaching LCD Panel	1-2 (E)
1-4. Replacement of Main Parts	1-5 (E)
1-4-1. Replacing CN-2725 Board	1-5 (E)
1-4-2. Replacing LE-293 Board/LE-294 Board	1-6 (E)
1-4-3. Replacing VR-305 Board	1-7 (E)
1-5. Function of Internal Switches	1-8 (E)
1-6. Notes on Repair Parts	1-8 (E)

2. Spare Parts

2-1. Exploded Views	2-1
2-2. Electrical Parts List	2-4
2-3. Supplied Accessories	2-8

3. Semiconductor Pin Assignments

4. Block Diagram

Overall	4-1
---------------	-----

5. Schematic Diagrams

Index	5-1
CN-2724	5-2
CN-2725	5-4
LE-293	5-5
LE-294	5-5
LE-306	5-5
VR-305	5-5

6. Board Layouts

CN-2724	6-1
CN-2725	6-2
LE-293	6-3
LE-294	6-3
LE-306	6-3
VR-305	6-3

Manual Structure

Purpose of this manual

This manual is the maintenance manual for HD Electronic Viewfinder HDVF-C750W.

This manual describes the information items necessary when the unit is supplied and installed, items that premise the service based on the components parts such as alignment, schematic diagrams, board layouts and spare parts lists, assuming use of system and service engineers.

Relative manual

Besides this maintenance manual the following manual is available for this unit.

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

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

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

This “Semiconductor Pin Assignments” CD-ROM allows you to search for semiconductors used in Communication System Solutions Network Company equipment.

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

Part number: 9-968-546-XX

Contents

The following are summaries of all the sections for understanding the contents of this manual.

Section 1 Service Overview

Describes location of printed circuit board, replacement of parts, function of internal switches and notes on service.

Section 2 Spare Parts

Describes exploded views, parts list and supplied accessories used in the unit.

Section 3 Semiconductor Pin Assignments

Contains information on semiconductors used for the unit.

It includes a complete list of the semiconductors and their ID Nos. for retrieving information on “Semiconductor Pin Assignments” CD-ROM, which is available separately.

Please refer to this section together with the “Semiconductor Pin Assignments” CD-ROM.

Section 4 Block Diagram

Describes overall block diagram of this unit.

Section 5 Schematic Diagrams

Describes schematic diagrams for every circuit board.

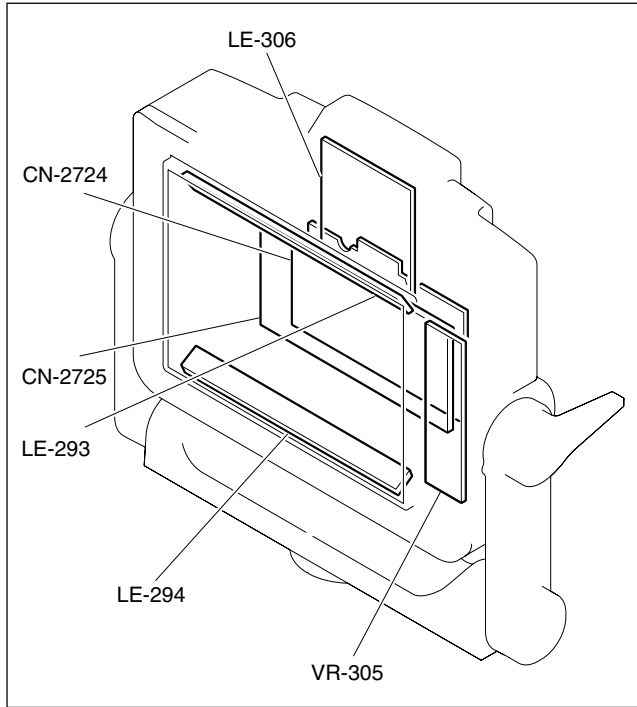
Section 6 Board Layouts

Describes board layouts for every circuit board.

Section 1

Service Overview

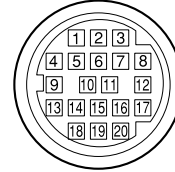
1-1. Location of Printed Circuit Boards



1-2. Connector Output/Input Signals

Output/input signals of the main connectors are as follows.

CAMERA (20P MALE)



(External view)

No.	Signal	I/O	Specifications
1	S-DATA	IN/OUT	TTL level
2	NC		No connection
3	NC		No connection
4	SCK	IN	TTL level
5	COLOR/BW	OUT	B/W : GND COLOR : OPEN
6	NC		No connection
7	NC		No connection
8	G TALLY	IN	ON : +5 V OFF : GND
9	PEAKING CTL	OUT	VF to CAM ($Z_i = 1\text{ k}\Omega$) ON: +5 V OFF: GND
10	NC		No connection
11	NC		No connection
12	Y VIDEO	IN	1.0 V p-p ($Z_i = 75\ \Omega$)
13	VIDEO GND	—	GND for VIDEO
14	P _B VIDEO	IN	0.7 V p-p, $Z_i = 75\ \Omega$
15	P _R VIDEO	IN	0.7 V p-p, $Z_i = 75\ \Omega$
16	NC		No connection
17	R TALLY	IN	ON : +5 V OFF : GND
18	NC		No connection
19	UNREG GND	—	GND for UNREG
20	UNREG	IN	+10.5 V to 17 V

1-3. Removing/Reattaching LCD Panel

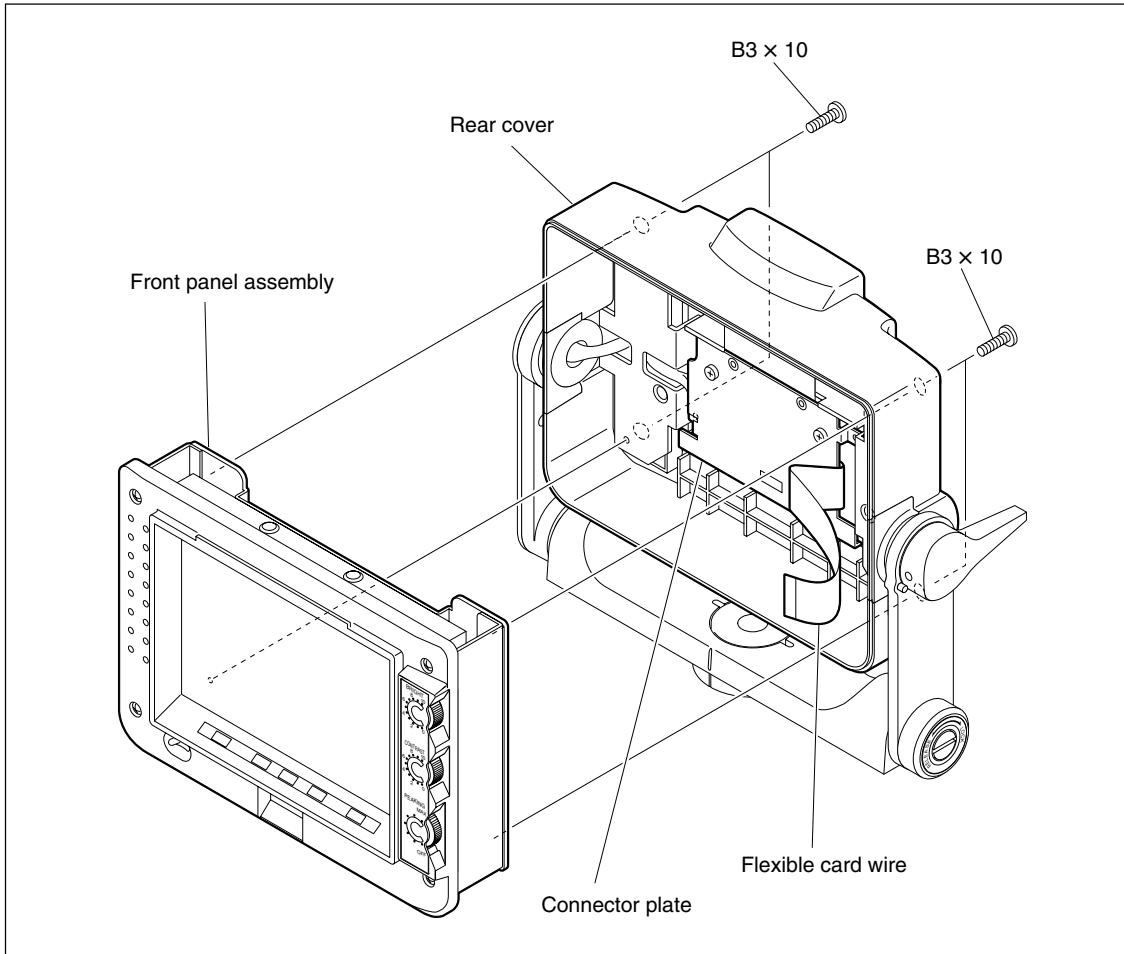
Removal

1. Remove the four screws from the rear cover.
2. Disconnect the flexible card wire, and remove the front panel assembly from the rear cover.

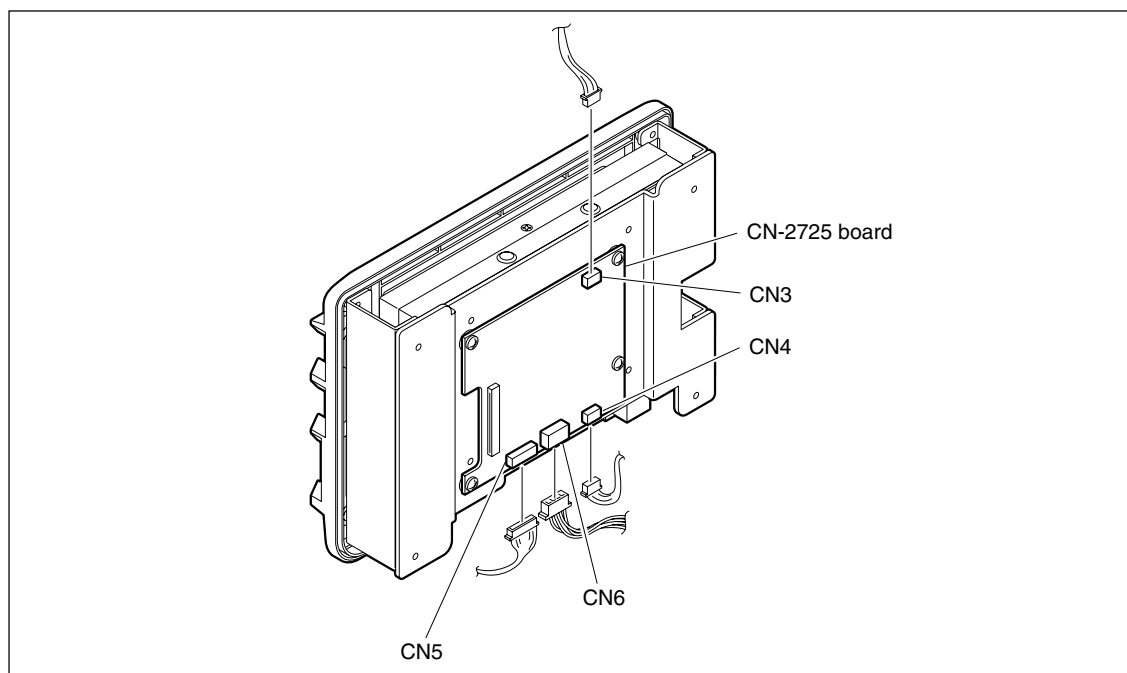
Note

Life of flexible card wire will be significantly shortened if it is folded.

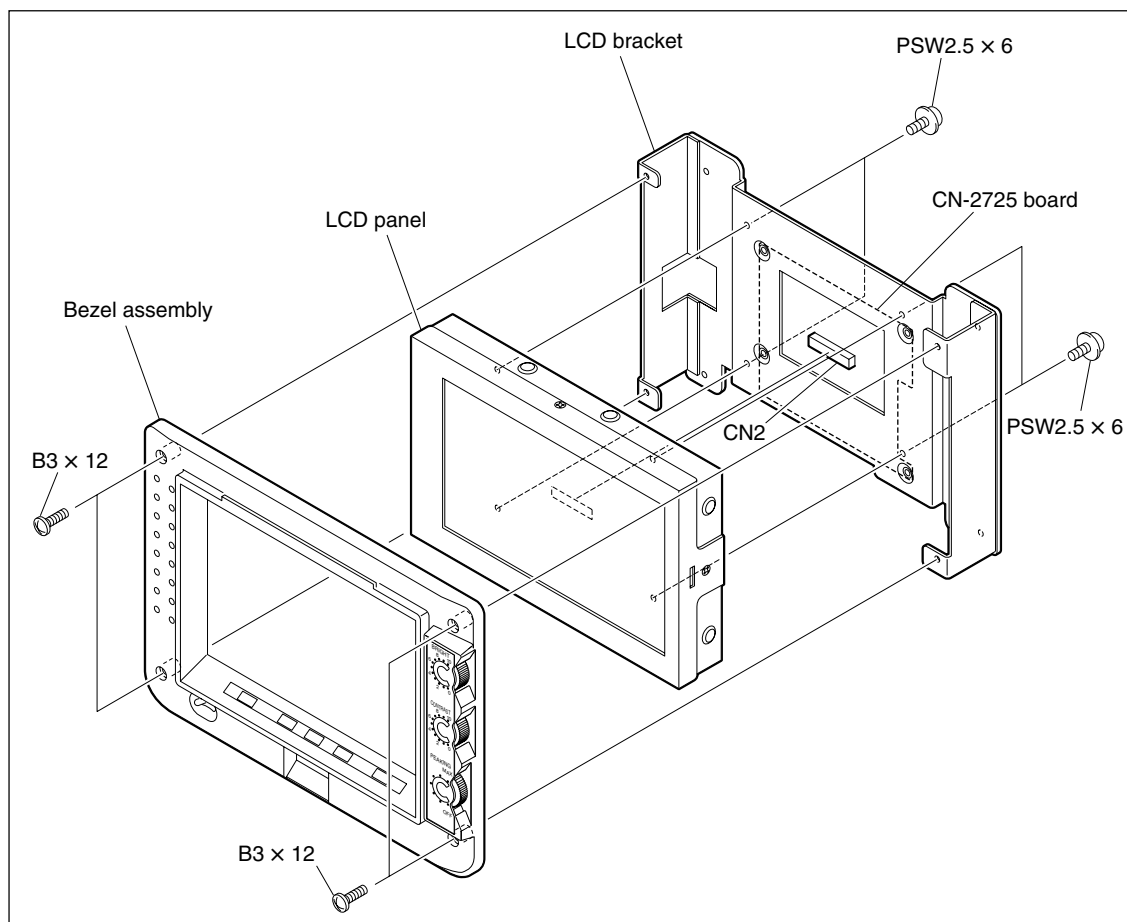
Be careful not to fold the flexible card wire.



3. Disconnect the harnesses from the connectors CN3, CN4, CN5, and CN6 on the CN-2725 board.



4. Remove the four screws (B3 × 12) to detach the bezel assembly.
5. Remove the four screws (PSW2.5 × 6) to detach the LCD panel from the connector CN2 on the CN-2725 board.



Reattaching

1. Loosen the four screws securing the CN-2725 board to the LCD bracket.
2. Connect the LCD panel to the connector CN2 on the CN-2725 board, and then secure it to the LCD bracket with the four screws (PSW2.5 × 6).

Note

Be careful not to overstress the CN-2725 board.

3. Tighten the four screws loosened in step 1.
4. Reattach the removed parts by reversing steps 1 to 4 of removal.

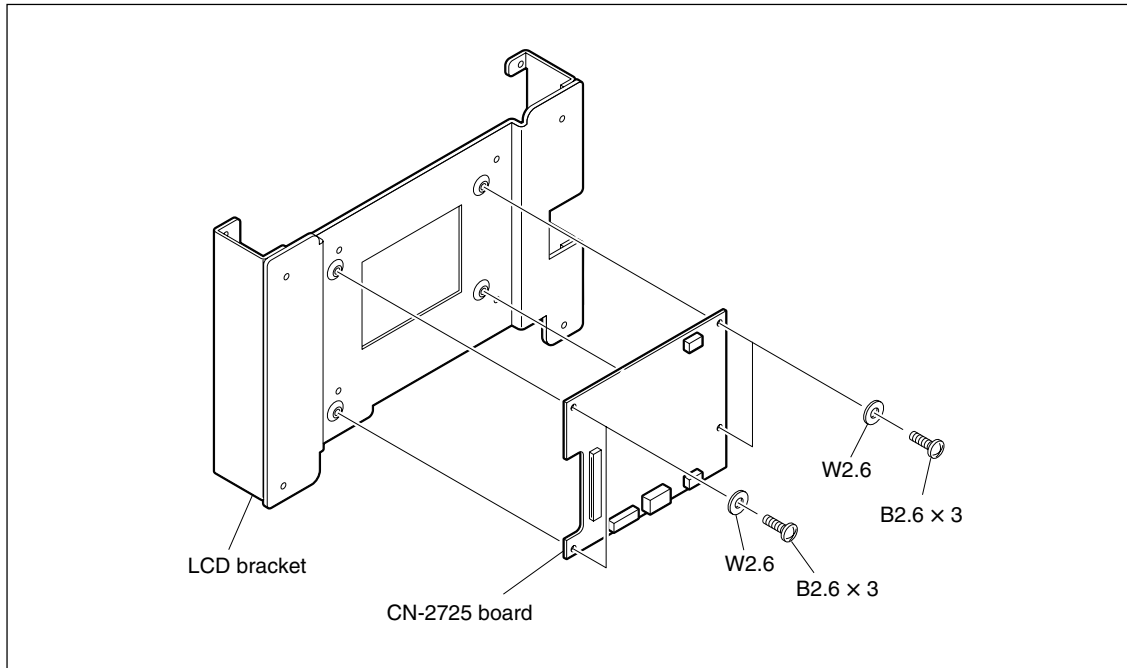
Notes

- Be sure to insert the flexible card wire straight.
- Ensure that the contact side of the flexible card wire is clean.

1-4. Replacement of Main Parts

1-4-1. Replacing CN-2725 Board

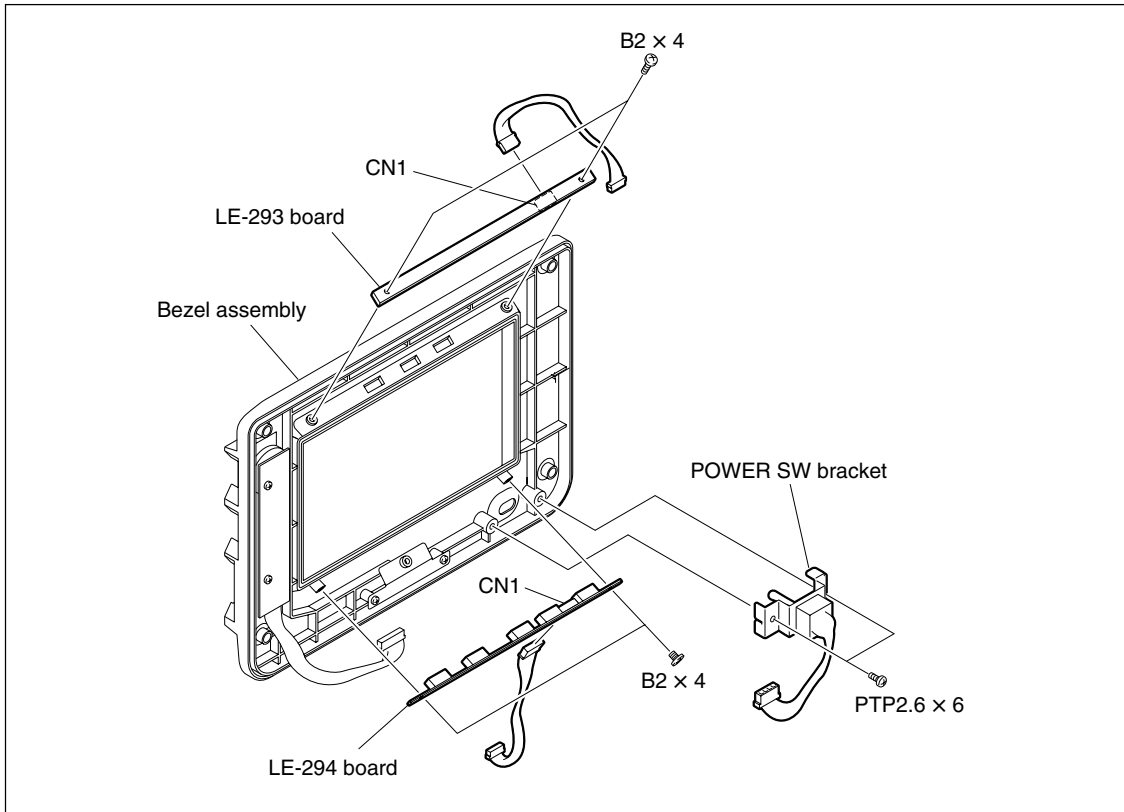
1. Remove the front panel assembly.
(Refer to Section 1-3 “Removing/Reattaching LCD Panel”, steps 1 to 3.)
2. Remove the four screws, and remove the CN-2725 board from the LCD bracket.



3. Reattach the removed parts by reversing steps of removal.

1-4-2. Replacing LE-293 Board/LE-294 Board

1. Remove the bezel assembly. (Refer to Section 1-3 “Removing/Reattaching LCD Panel”, steps 1 to 4.)
2. Remove the two screws to detach the LE-293 board from the bezel assembly.
3. Disconnect the harness from CN1 on the LE-293 board.
4. Remove the two screws (PTP2.6 × 6) to detach the POWER SW bracket from the bezel assembly.
5. Remove the two screws to detach the LE-294 board from the bezel assembly.
6. Disconnect the harness from CN1 on the LE-294 board.



7. Reattach the removed parts by reversing steps of removal.

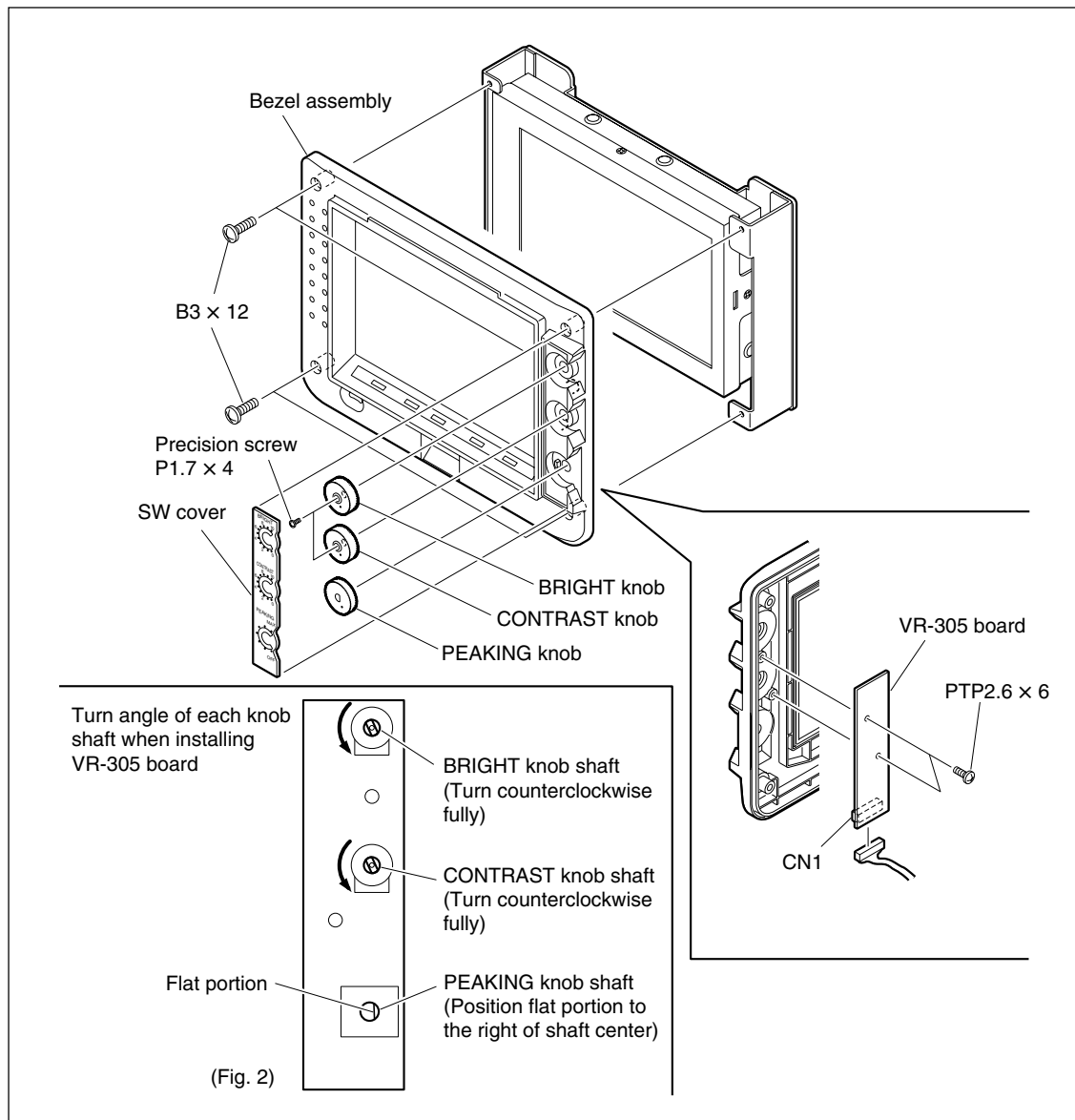
1-4-3. Replacing VR-305 Board

Note

The SW cover cannot be reused. Replace the SW cover with a new one.

SW cover: 3-625-394-0X

1. Remove the bezel assembly. (Refer to Section 1-3 “Removing/Reattaching LCD Panel”, steps 1 to 4.)
2. Detach the SW cover, and remove the two screws (Precision, P1.7 × 4).
3. Remove the BRIGHT, CONTRAST, and PEAKING knobs.
4. Remove the two screws (PTP2.6 × 6), and remove the VR-305 board from the bezel assembly.
5. Disconnect the harness from CN1 on the VR-305 board.



6. Reattach the removed parts by reversing steps of removal.

Note

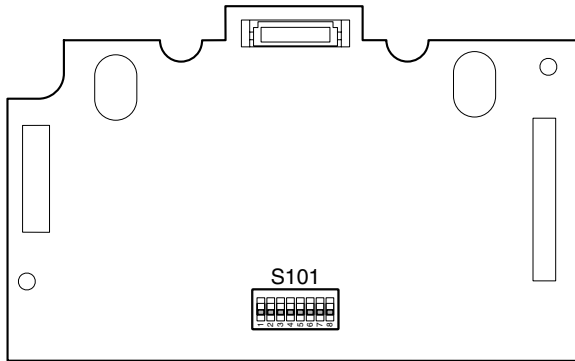
Adjust the respective knobs (BRIGHT/CONTRAST/PEAKING) in the directions shown in Fig. 2.

BRIGHT knob, CONTRAST knob: Fully counterclockwise

PEAKING knob: Flat portion to the right

1-5. Function of Internal Switches

CN-2724 board



CN-2724 BOARD (A SIDE)

Ref. No.	Bit	Description	Factory setting
S101	1	Not used	OFF
	2	Selects horizontal scan direction. OFF : ON : Mirror-reversed display	OFF Normal display
	3	Sets ON/OFF for horizontal sync display. OFF : ON : Horizontal sync display	OFF Normal display
	4 to 8	Not used	OFF

1-6. 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.

Parts list has the present standardized repair parts.

3. Stock of Parts

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

4. Harness

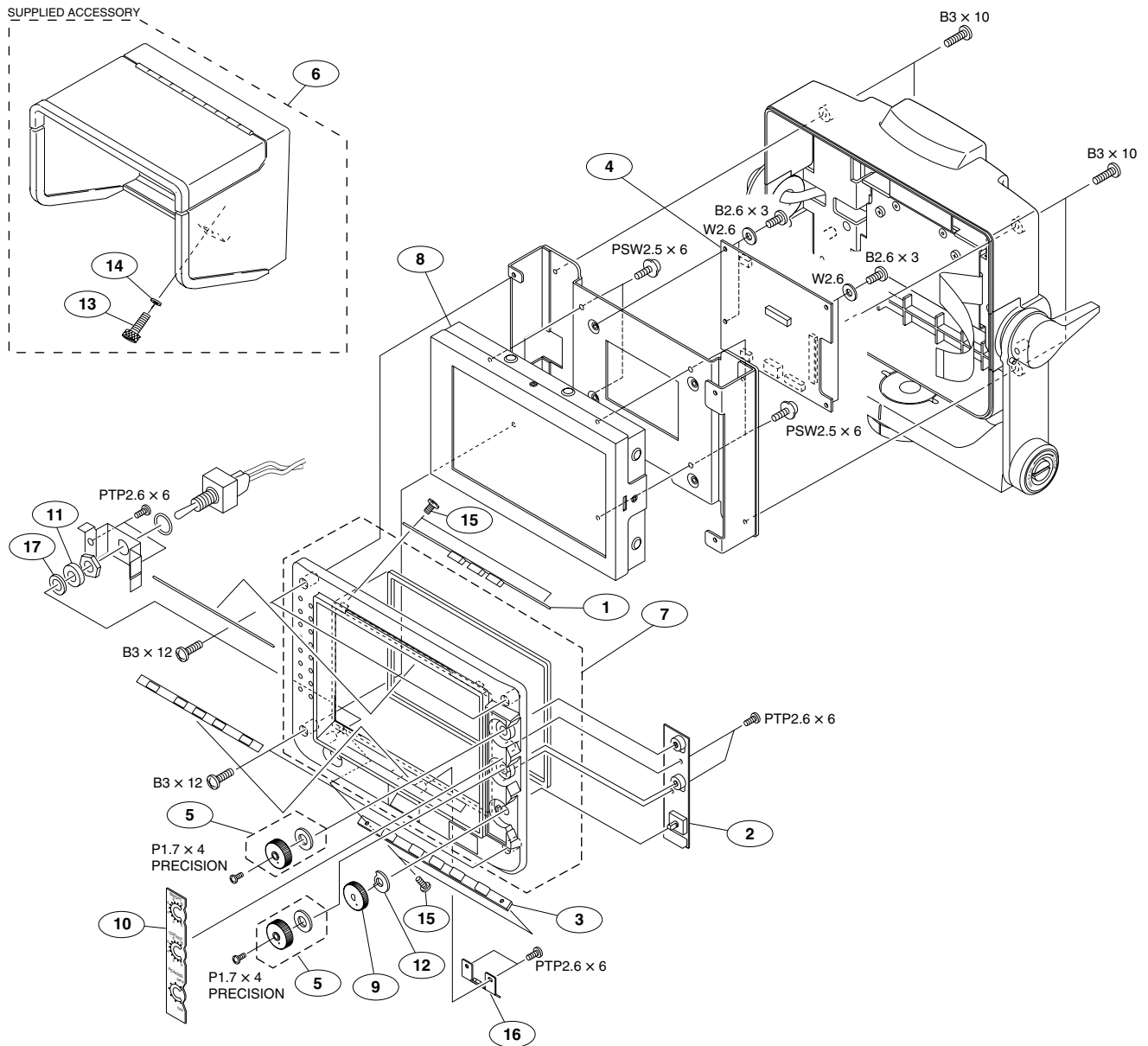
Harnesses with no part number are not registered as spare parts.

In need of repair, get components shown in the list and repair using them.

Section 2

Spare Parts

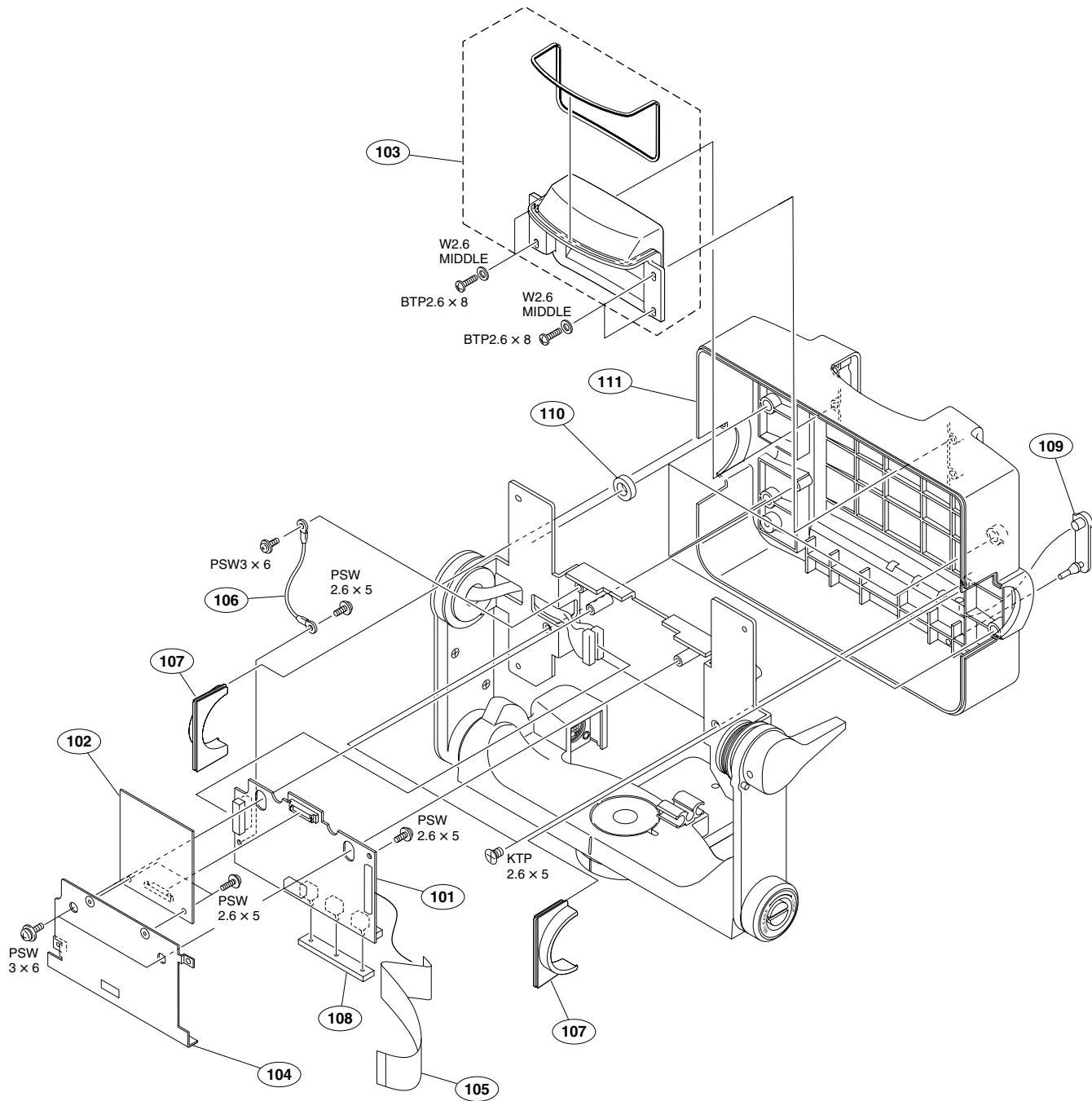
2-1. Exploded Views



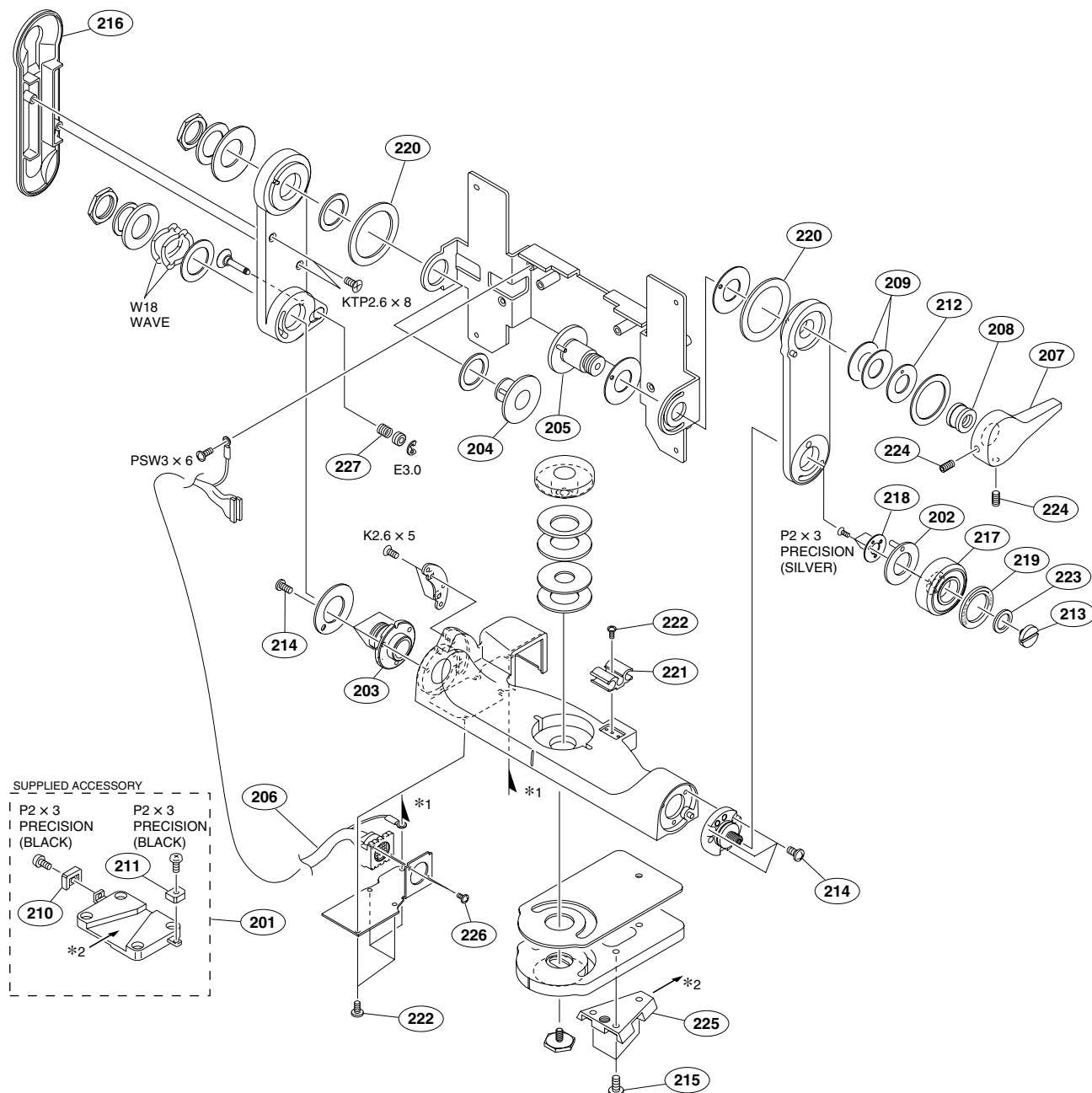
No.	Part No.	SP Description
1	A-1087-393-A	s MOUNTED CIRCUIT BOARD, LE-293
2	A-1087-394-A	s MOUNTED CIRCUIT BOARD, VR-305
3	A-1089-890-A	s MOUNTED CIRCUIT BOARD, LE-294
4	A-1123-447-A	s MOUNTED CIRCUIT BOARD, CN-2725
5	X-3605-936-1	o ASSY, BRIGHT KNOB
6	X-3166-281-6	s HOOD ASSY, INDOOR
7	X-3704-637-1	s ASSY, BEZEL (N)
8	△ 1-805-819-11	s PANEL, LCD (6INCH)
9	3-625-364-01	o KNOB, PEAKING
10	3-625-394-03	s COVER, SW
11	3-626-823-02	o CUSHION (PWR SW), DROP PROTECTION
12	3-626-825-01	o SHEET, DROP PROTECTION
13	3-680-616-13	s SCREW (M4), BINDING

No.	Part No.	SP Description
14	3-701-441-21	s WASHER PLASTIC (4.1X0.5)
15	3-729-076-11	s SCREW +B2X4 (STEEL)
16	3-869-871-01	s NUT, HOOD N
17	3-869-883-01	s RUBER, DROP PROTECTION
	7-621-763-45	s +PSW, 2.5X6
	7-621-775-08	s SCREW +B2.6X3
	7-627-552-48	s SCREW, PRECISION +P 1.7X4
	7-682-549-09	s SCREW +B 3X10
	7-682-550-09	s SCREW +B3X12
	7-685-133-19	s SCREW +PTP2.6X6 (EP-FE/ZNBK)
	7-688-002-11	s WSHR 2.6 MIDDLE

Rear Block



No.	Part No.	SP Description	No.	Part No.	SP Description
101	A-1123-445-A	s MOUNTED CIRCUIT BOARD, CN-2724	110	3-626-876-01	s CUSHION (HANDLE) ,DROPPROTECTION
102	A-1123-446-A	s MOUNTED CIRCUIT BOARD, LE-306	111	3-869-880-01	s COVER, REAR (N)
103	X-3605-938-2	s ASSY, TALLY COVER			
104	X-3704-636-1	s PLATE ASSY, CONNECTOR			
105	1-827-579-11	s WIRE, FLAT TYPE (30 CORE)			
				7-621-759-35	s SCREW +PSW 2.6X5 (EP-FE/ZN/CM2)
106	1-960-408-11	s HARNESS (GROUND WIRE)		7-682-947-01	s SCREW +PSW 3X6
107	3-625-360-02	o COVER, SHAFT		7-685-232-19	s SCREW +KTP 2.6X5 (EP-FE/ZNBK/CM
108	3-626-817-01	s CUSHION, DROP PROTECTION		7-685-534-14	s SCREW +BTP2.6X8
109	3-626-822-01	o PLUG, DROP PROTECTION		7-688-002-11	s WSHER 2.6 MIDDLE



No. Part No. SP Description

201 A-7612-405-A s SHOE ASSY, V EDGE
 202 X-3605-892-2 s PLATE ASSY, PIN
 203 X-3605-893-1 o SHAFT (LEFT) ASSY, ARM
 204 X-3605-894-3 o SHAFT (LEFT) ASSY, TILT
 205 X-3605-895-3 o SHAFT (RIGHT) ASSY, TILT

206 1-963-786-11 s SUB HARNESS (VF CONNECTION HARNESS)
 207 3-167-481-02 o TILT LOCK LEVER
 208 3-167-482-11 o SCREW, LOCK, TILT
 209 3-167-487-01 o SPRING, PLATE
 210 3-167-513-01 o KNOB, RELEASE LEVER

211 3-167-514-01 o KNOB, STOPPER
 212 3-169-580-01 s WASHER, THRUST (ST)
 213 3-173-371-02 s SCREW, PUNCHING STOPPER (ST)
 214 3-364-941-11 s SCREW (+B 2.6X5), NYLOK (STEEL)
 215 3-604-479-01 s ALOCK +B4X8

216 3-625-369-03 o COVER (L), ARM
 217 3-625-379-01 s KNOB, ARM LOCKING
 218 3-625-381-02 s RETAINER, PIN PLATE

No. Part No. SP Description

219 3-625-384-01 o LABEL, LOCKING KNOB
 220 3-626-824-01 o SPACER, DROP PROTECTION
 221 3-679-659-03 o CLAMP, CABLE (PP)
 222 3-694-181-01 s AROCK PRECISION +P2.6 TYPE 1
 223 3-701-447-21 s WASHER PLASTIC (10.2X0.5)

224 3-701-512-01 s SET-SCREW, HEX M4X8 (WP) ST
 225 3-716-391-01 o WEDGE, MOUNTING
 226 3-719-381-11 s SCREW +P M2X5 (ZNBK) (LOCK)
 227 3-951-828-01 s SPRING, COMPRESSION

7-621-559-32 s SCREW +K 2.6X5 BRASS
 7-623-710-97 s WASHER 18, WAVE TYPE
 7-624-106-04 s STOP RING, TYPE-E3 (CZN-N4)
 7-627-553-37 s SCREW, PRECISION +P 2X3 (SILVER)
 7-627-553-38 s SCREW, PRECISION +P 2X3 (BLACK)

7-682-947-01 s SCREW +PSW 3X6
 7-685-234-19 s SCREW +KTP 2.6X8 (EP-FE/ZNBK/CM)

2-2. Electrical Parts List

CN-2724 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1123-445-A	s MOUNTED CIRCUIT BOARD, CN-2724
C10	1-100-552-21	s CAPACITOR, ELECT 10MF
C11	1-164-227-11	s CAPACITOR, CERAMIC 0.022MF/25V
C12	1-135-960-91	s CAP, CHIP CERAMIC 10MF B(3225)
C13	1-115-339-11	s CAPACITOR, CERAMIC 0.1MF/50V
C14	1-135-960-91	s CAP, CHIP CERAMIC 10MF B(3225)
C15	1-115-339-11	s CAPACITOR, CERAMIC 0.1MF/50V
C16	1-125-827-11	s CAPACITOR, CERAMIC 1MF/25V
C17	1-164-315-11	s CAPACITOR, CERAMIC 470PF/50V CH
C18	1-127-760-11	s CAPACITOR, CERAMIC 4.7MF/6.3V
C19	1-165-176-11	s CAPACITOR, CERAMIC 47000PF/16V
C20	1-127-760-11	s CAPACITOR, CERAMIC 4.7MF/6.3V
C21	1-115-339-11	s CAPACITOR, CERAMIC 0.1MF/50V
C22	1-164-227-11	s CAPACITOR, CERAMIC 0.022MF/25V
C23	1-164-227-11	s CAPACITOR, CERAMIC 0.022MF/25V
C24	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C25	1-135-599-11	s CAP, ELECT 39MF / 16V
C26	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C27	1-135-599-11	s CAP, ELECT 39MF / 16V
C28	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C29	1-135-342-11	s CAPACITOR, SOLID ELECT 56MF
C57	1-125-827-11	s CAPACITOR, CERAMIC 1MF/25V
C58	1-125-889-11	s CAPACITOR, CERAMIC 2.2MF
C59	1-125-827-11	s CAPACITOR, CERAMIC 1MF/25V
C100	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C101	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C102	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C103	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C104	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C105	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C106	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
C107	1-115-339-11	s CAPACITOR, CERAMIC 0.1MF/50V
C108	1-127-760-11	s CAPACITOR, CERAMIC 4.7MF/6.3V
C118	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C119	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C200	1-127-738-11	s CAPACITOR, CERAMIC 4.7MF/25V
C203	1-115-339-11	s CAPACITOR, CERAMIC 0.1MF/50V
C204	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
C205	1-107-826-11	s CAPACITOR, CHIP CERAMIC 0.1MF
CN1	1-695-210-21	o PIN, CONNECTOR (PC BOARD) 15P
CN2	1-764-099-11	s PIN, CONNECTOR (PC BOARD) 14P
CN3	1-784-241-11	o CONNECTOR, BOARD TO BOARD 30P
CN4	1-750-161-21	o CONNECTOR, FPC 30P
D10	8-719-991-00	s DIODE DAP222
D11	8-719-938-75	s DIODE SB05-05CP (RECTI)
D12	8-719-938-75	s DIODE SB05-05CP (RECTI)
D13	8-719-991-00	s DIODE DAP222
D14	8-719-991-00	s DIODE DAP222
D15	8-719-991-00	s DIODE DAP222
D200	8-719-991-00	s DIODE DAP222
D201	8-719-017-03	s DIODE 02DZ4.7-TPH3
E1	1-535-877-22	s CHIP, CHECKER (TEST POINT)
IC10	8-759-560-89	s IC MB3761PF-ER
IC11	8-759-669-64	s IC TL1451ACPWR-12
IC12	8-759-041-46	s IC L78M05TLL-SONY-TL
IC13	6-702-217-01	s IC MAX1792EUA33+TG069
IC100	8-759-564-49	s IC TC7W53FU-TE12R

(CN-2724 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
IC101	8-759-561-69	s IC PCF8574TS/3-T
IC102	8-759-561-69	s IC PCF8574TS/3-T
IC103	8-759-678-06	s IC CAT24WC02JI-TE13
IC104	8-759-523-81	s IC TC74VHC08FT(EL)
IC105	6-706-478-01	s IC TC7SET08FU(T5RSOJF)
IC106	8-759-041-46	s IC L78M05TLL-SONY-TL
IC107	8-759-185-42	s IC LM4040AIM3-2.5
IC200	8-759-338-95	s IC NJM2903V (TE2)
L10	1-416-344-11	s COIL, CHOKE 10UH
L11	1-416-344-11	s COIL, CHOKE 10UH
L12	1-424-700-21	s COIL, CHOKE (SMD) 100UH
L13	1-416-344-11	s COIL, CHOKE 10UH
L14	1-416-344-11	s COIL, CHOKE 10UH
Q10	8-729-927-99	s TRANSISTOR 2SC4617R
Q11	8-729-928-36	s TRANSISTOR DTA114EE
Q12	8-729-928-81	s TRANSISTOR DTC144EE
Q13	8-729-929-26	s TRANSISTOR DTC114TE
Q14	8-729-012-35	s TRANSISTOR 2SK711-BL
Q15	8-729-927-99	s TRANSISTOR 2SC4617R
Q16	8-729-928-19	s TRANSISTOR 2SA1774R
Q17	8-729-054-99	s TRANSISTOR SI4559EY-T1
Q18	8-729-929-26	s TRANSISTOR DTC114TE
Q106	8-729-041-24	s TRANSISTOR NDS355AN
Q107	8-729-041-24	s TRANSISTOR NDS355AN
Q108	8-729-041-24	s TRANSISTOR NDS355AN
Q109	8-729-041-24	s TRANSISTOR NDS355AN
Q110	8-729-041-23	s TRANSISTOR NDS356AP
Q111	8-729-041-23	s TRANSISTOR NDS356AP
Q112	8-729-041-23	s TRANSISTOR NDS356AP
Q113	8-729-041-23	s TRANSISTOR NDS356AP
Q115	8-729-928-81	s TRANSISTOR DTC144EE
Q116	8-729-928-81	s TRANSISTOR DTC144EE
Q118	8-729-928-81	s TRANSISTOR DTC144EE
Q119	8-729-928-81	s TRANSISTOR DTC144EE
Q120	8-729-929-26	s TRANSISTOR DTC114TE
Q121	8-729-929-26	s TRANSISTOR DTC114TE
Q200	8-729-929-26	s TRANSISTOR DTC114TE
Q201	8-729-928-36	s TRANSISTOR DTA114EE
Q202	8-729-928-81	s TRANSISTOR DTC144EE
R10	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R11	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R12	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R13	1-208-931-11	s RESISTOR, CHIP 68K (1005)
R14	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R15	1-208-679-11	s RESISTOR CHIP 680 1/16W (1005)
R16	1-208-931-11	s RESISTOR, CHIP 68K (1005)
R17	1-218-990-11	s RESISTOR, CHIP 0 1/16W (1005)
R18	1-208-699-11	s RESISTOR, CHIP 4.7K 1/16W(1005)
R19	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R20	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R21	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R22	1-208-943-11	s RESISTOR CHIP 220K
R23	1-218-990-11	s RESISTOR, CHIP 0 1/16W (1005)
R24	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R25	1-218-990-11	s RESISTOR, CHIP 0 1/16W (1005)
R27	1-208-923-11	s RESISTOR, CHIP 33K (1005)
R28	1-218-939-11	s RESISTOR, CHIP 68 1/16W (1005)
R29	1-208-711-11	s RESISTOR CHIP 15K 1/16W (1005)

(CN-2724 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R30	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R31	1-208-855-81	s RESISTOR,CHIP 47 1/16W (1005)
R32	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R33	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R34	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R35	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R36	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R37	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R38	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R39	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R40	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R41	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R42	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R43	1-208-711-11	s RESISTOR CHIP 15K 1/16W (1005)
R44	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R45	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R100	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R101	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R102	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R103	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R104	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R105	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R106	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R107	1-208-703-11	s RESISTOR,CHIP 6.8K 1/16W(1005)
R108	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R109	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R110	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R111	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R112	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R113	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R114	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R115	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R116	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R117	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R120	1-218-818-11	s RESISTOR, CHIP 220 1/2W (4532)
R121	1-218-233-11	s RESISTOR,CHIP 47 1/2W (4532)
R122	1-220-250-11	s RESISTOR,CHIP 10 1/2W (4532)
R123	1-218-326-11	s RESISTOR,CHIP 470 1/2W(3225)
R124	1-220-221-11	s RESISTOR CHIP 100 1/2W (4532)
R126	1-218-818-11	s RESISTOR, CHIP 220 1/2W (4532)
R127	1-218-818-11	s RESISTOR, CHIP 220 1/2W (4532)
R128	1-218-818-11	s RESISTOR, CHIP 220 1/2W (4532)
R129	1-220-221-11	s RESISTOR CHIP 100 1/2W (4532)
R130	1-218-233-11	s RESISTOR,CHIP 47 1/2W (4532)
R131	1-218-282-11	s RESISTOR CHIP 22 1/2W (4532)
R132	1-218-818-11	s RESISTOR, CHIP 220 1/2W (4532)
R133	1-220-221-11	s RESISTOR CHIP 100 1/2W (4532)
R135	1-218-818-11	s RESISTOR, CHIP 220 1/2W (4532)
R136	1-220-221-11	s RESISTOR CHIP 100 1/2W (4532)
R137	1-218-282-11	s RESISTOR CHIP 22 1/2W (4532)
R138	1-220-221-11	s RESISTOR CHIP 100 1/2W (4532)
R139	1-218-326-11	s RESISTOR,CHIP 470 1/2W(3225)
R140	1-218-282-11	s RESISTOR CHIP 22 1/2W (4532)
R141	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R142	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R143	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R145	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R146	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R147	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)

(CN-2724 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R148	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R149	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R150	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R151	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R152	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R153	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R155	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R156	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R157	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R159	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R160	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R161	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R162	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R163	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R164	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R165	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R200	1-208-635-11	s RESISTOR CHIP 10 1/16W (1005)
R201	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R202	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R203	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
R204	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R205	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R206	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R207	1-208-935-11	s RESISTOR, CHIP 100K (1005)
R209	1-208-931-11	s RESISTOR, CHIP 68K (1005)
R210	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R211	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R212	1-208-675-11	s RESISTOR CHIP 470 1/16W (1005)
R213	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R214	1-208-923-11	s RESISTOR, CHIP 33K (1005)
R215	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R216	1-208-715-11	s RESISTOR,CHIP 22K 1/16W (1005)
R217	1-208-927-11	s RESISTOR, CHIP 47K 1/16W(1005)
RB101	1-234-381-21	s RES, NETWORK 100KX4 (1005)
RB102	1-234-381-21	s RES, NETWORK 100KX4 (1005)
RV100	1-241-264-11	s RESISTOR ADJ 10K (CERMET)
S100	1-692-530-11	s SWITCH,TOGGLE
S101	1-692-271-31	s SWITCH, SLIDE
S102	1-692-530-11	s SWITCH,TOGGLE
S103	1-692-530-11	s SWITCH,TOGGLE

CN-2725 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1123-447-A	s MOUNTED CIRCUIT BOARD, CN-2725
C10	1-131-992-11	s CAP, CERAMIC 100000PF F 1608
C11	1-131-992-11	s CAP, CERAMIC 100000PF F 1608
C12	1-131-992-11	s CAP, CERAMIC 100000PF F 1608
C13	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C14	1-135-599-11	s CAP, ELECT 39MF / 16V
C15	1-107-826-11	s CAPACITOR,CHIP CERAMIC 0.1MF
C16	1-135-342-11	s CAPACITOR,SOLID ELECT 56MF
C17	1-100-552-21	s CAPACITOR, ELECT 10MF
C18	1-164-227-11	s CAPACITOR,CERAMIC 0.022MF/25V
C30	1-162-911-11	s CAPACITOR,CERAMIC 6PF/50V 1608
C31	1-162-918-11	s CAPACITOR,CERAMIC 18PF/50V CH
C32	1-162-911-11	s CAPACITOR,CERAMIC 6PF/50V 1608
C33	1-162-911-11	s CAPACITOR,CERAMIC 6PF/50V 1608
C34	1-162-918-11	s CAPACITOR,CERAMIC 18PF/50V CH
C35	1-162-911-11	s CAPACITOR,CERAMIC 6PF/50V 1608
C36	1-162-911-11	s CAPACITOR,CERAMIC 6PF/50V 1608
C37	1-162-918-11	s CAPACITOR,CERAMIC 18PF/50V CH
C38	1-162-911-11	s CAPACITOR,CERAMIC 6PF/50V 1608
CN1	1-750-161-21	o CONNECTOR, FPC 30P
CN2	1-818-579-91	s CONNECTOR, BOARD TO BOARD(60P)
CN3	1-764-090-11	o PIN, CONNECTOR (PC BOARD) 5P
CN4	1-764-090-11	o PIN, CONNECTOR (PC BOARD) 5P
CN5	1-764-096-21	o PIN, CONNECTOR (PC BOARD) 11P
CN6	1-750-005-11	o PIN,CONNECTOR 4P
E1	1-535-877-22	s CHIP,CHECKER (TEST POINT)
IC10	8-759-523-81	s IC TC74VHC08FT(EL)
IC11	8-759-523-81	s IC TC74VHC08FT(EL)
IC12	6-706-484-01	s IC TC7SH04FU(T5RSOYJF)
L1	1-412-981-11	s INDUCTOR (SMALL TYPE)
L2	1-412-981-11	s INDUCTOR (SMALL TYPE)
L3	1-412-981-11	s INDUCTOR (SMALL TYPE)
L4	1-412-981-11	s INDUCTOR (SMALL TYPE)
L5	1-412-981-11	s INDUCTOR (SMALL TYPE)
L6	1-412-981-11	s INDUCTOR (SMALL TYPE)
R11	1-218-961-11	s RESISTOR, CHIP 4.7K 1/16W
R12	1-208-860-11	s RESISTOR CHIP 75 1/16W (1005)
R13	1-208-860-11	s RESISTOR CHIP 75 1/16W (1005)
R14	1-208-860-11	s RESISTOR CHIP 75 1/16W (1005)
R16	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R17	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R18	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R19	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R20	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R21	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R22	1-218-990-11	s RESISTOR,CHIP 0 1/16W (1005)
R23	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R24	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R25	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R26	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R27	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R28	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R29	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R30	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)
R31	1-218-941-81	s RESISTOR,CHIP 100,1/16W (1005)

(CN-2725 BOARD)

Ref. No. or Q'ty	Part No.	SP Description
R32	1-218-961-11	s RESISTOR, CHIP 4.7K 1/16W
R33	1-218-953-11	s RESISTOR, CHIP 1K 1/16W
RB10	1-234-381-21	s RES, NETWORK 100KX4 (1005)
RB11	1-234-381-21	s RES, NETWORK 100KX4 (1005)

LE-293 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1087-393-A	s MOUNTED CIRCUIT BOARD, LE-293
CN1	1-764-090-11	o PIN, CONNECTOR (PC BOARD) 5P
D2	6-501-094-01	s DIODE MU11-5201
D3	6-501-093-01	s DIODE MU11-2201
D4	6-501-093-01	s DIODE MU11-2201

LE-294 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1089-890-A	s MOUNTED CIRCUIT BOARD, LE-294
CN1	1-764-090-11	o PIN, CONNECTOR (PC BOARD) 5P
D1	6-501-095-01	s DIODE MU11-3201
D2	6-501-094-01	s DIODE MU11-5201
D3	6-501-093-01	s DIODE MU11-2201
D4	6-501-093-01	s DIODE MU11-2201
D6	6-501-093-01	s DIODE MU11-2201

LE-306 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1123-446-A	s MOUNTED CIRCUIT BOARD, LE-306
C1	1-126-399-11	s CAPACITOR ELECT 10MF/35V(CHIP)
C2	1-126-399-11	s CAPACITOR ELECT 10MF/35V(CHIP)
C3	1-128-590-11	s CAPACITOR ELECT 100MF/6.3V(105)
C4	1-131-992-11	s CAP, CERAMIC 100000PF F 1608
C5	1-131-992-11	s CAP, CERAMIC 100000PF F 1608
C6	1-131-992-11	s CAP, CERAMIC 100000PF F 1608
CN1	1-784-435-11	o CONNECTOR, BOARD TO BOARD 30P
D1	8-719-989-53	s LED CL-200HR-C-TSL
D2	8-719-989-53	s LED CL-200HR-C-TSL
D3	8-719-989-53	s LED CL-200HR-C-TSL
D4	8-719-989-53	s LED CL-200HR-C-TSL
D5	8-719-989-53	s LED CL-200HR-C-TSL
D6	8-719-989-53	s LED CL-200HR-C-TSL
D7	8-719-989-53	s LED CL-200HR-C-TSL
D8	8-719-989-53	s LED CL-200HR-C-TSL
D9	8-719-989-53	s LED CL-200HR-C-TSL
D10	8-719-989-53	s LED CL-200HR-C-TSL
D11	8-719-989-53	s LED CL-200HR-C-TSL
D12	8-719-989-53	s LED CL-200HR-C-TSL
D13	8-719-989-53	s LED CL-200HR-C-TSL
D14	8-719-989-53	s LED CL-200HR-C-TSL
D15	8-719-989-53	s LED CL-200HR-C-TSL
D16	8-719-989-53	s LED CL-200HR-C-TSL
D17	8-719-989-53	s LED CL-200HR-C-TSL
D18	8-719-989-53	s LED CL-200HR-C-TSL
D19	8-719-989-53	s LED CL-200HR-C-TSL
D20	8-719-989-53	s LED CL-200HR-C-TSL
D21	8-719-989-53	s LED CL-200HR-C-TSL
D22	8-719-989-53	s LED CL-200HR-C-TSL
D23	8-719-989-53	s LED CL-200HR-C-TSL
D24	8-719-989-53	s LED CL-200HR-C-TSL
Q1	8-729-807-51	s TRANSISTOR 2SD1623-S
Q2	8-729-807-51	s TRANSISTOR 2SD1623-S
Q3	8-729-807-51	s TRANSISTOR 2SD1623-S
Q4	8-729-807-51	s TRANSISTOR 2SD1623-S
Q5	8-729-807-51	s TRANSISTOR 2SD1623-S
Q6	8-729-807-51	s TRANSISTOR 2SD1623-S
Q14	8-729-928-19	s TRANSISTOR 2SA1774R
Q15	8-729-928-81	s TRANSISTOR DTC144EE
Q16	8-729-927-99	s TRANSISTOR 2SC4617R
R1	1-218-939-11	s RESISTOR, CHIP 68 1/16W (1005)
R2	1-218-939-11	s RESISTOR, CHIP 68 1/16W (1005)
R3	1-218-939-11	s RESISTOR, CHIP 68 1/16W (1005)
R4	1-218-939-11	s RESISTOR, CHIP 68 1/16W (1005)
R5	1-218-939-11	s RESISTOR, CHIP 68 1/16W (1005)
R6	1-218-939-11	s RESISTOR, CHIP 68 1/16W (1005)
R14	1-218-602-11	s RESISTOR CHIP 1/1W (6331)
R16	1-220-222-11	s RESISTOR CHIP 4.7K 1/2W (4532)
R17	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R18	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R19	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R20	1-208-687-11	s RESISTOR CHIP 1.5K 1/16W (1005)
R21	1-208-687-11	s RESISTOR CHIP 1.5K 1/16W (1005)
R22	1-220-302-11	s RESISTOR CHIP 10K 1/2W (4532)

VR-305 BOARD

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-1087-394-A	s MOUNTED CIRCUIT BOARD, VR-305
C1	1-162-970-11	s CAPACITOR CERAMIC 0.01MF/25V B
CN1	1-764-096-21	o PIN, CONNECTOR (PC BOARD) 11P
R1	1-208-923-11	s RESISTOR, CHIP 33K (1005)
R2	1-208-687-11	s RESISTOR CHIP 1.5K 1/16W (1005)
R3	1-208-691-11	s RESISTOR CHIP 2.2K 1/16W(1005)
R4	1-208-687-11	s RESISTOR CHIP 1.5K 1/16W (1005)
R5	1-208-703-11	s RESISTOR,CHIP 6.8K 1/16W(1005)
R6	1-208-683-11	s RESISTOR CHIP 1K 1/16W (1005)
R7	1-208-911-11	s RESISTOR, CHIP 10K (1005)
R8	1-208-687-11	s RESISTOR CHIP 1.5K 1/16W (1005)
RV1	1-223-958-11	s RESISTOR, VAR, CARBON 10K
RV2	1-223-958-11	s RESISTOR, VAR, CARBON 10K
S1	1-692-323-11	s SWITCH,ROTARY

FRAME		

Ref. No. or Q'ty	Part No.	SP Description
1pc	1-963-786-11	s SUB HARNESS(VF CONNECTION HARNESS)

2-3. Supplied Accessories

Ref. No. or Q'ty	Part No.	SP Description
1pc	A-7612-405-A	s SHOE ASSY, V EDGE
1pc	X-3166-281-6	s HOOD ASSY, INDOOR
1pc	1-830-631-11	s CORD, CONNECTION (VF)
1pc	3-204-412-11	s OPERATION MANUAL
1pc	4-027-937-01	s PLATE,NUMBER (PLA)
4pcs	7-683-421-04	o BOLT,HEXAGON-SOCKET 4X12
1pc	7-721-140-60	s L-SHAPED HEX. WRENCH (3.0MM)

Section 3

Semiconductor Pin Assignments

The following describes the semiconductor types used in this unit.

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

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

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

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

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

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

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

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

外観やインデックスマークの表示方法が実物と異なる場合があります。

ピン配置およびブロック図はICメーカーのデータブックに従いました。

DIODE	Page or ID No.
02DZ4.7-TPH3	DC008-04

DAP222	DC001-02
DAP222-TL	DC001-02

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

TRANSISTOR	Page or ID No.
------------	----------------

2SA1774R	TC001-01
2SC4617R	TC001-02
2SD1623-S	TC002-02
2SK711-BL(TE85L)	TC001-05
2SK711-BL	TC001-05

DTA114EE	TC001-04
DTC114TE	TC001-18
DTC114TE-TL	TC001-18
DTC144EE	TC001-03
DTC144EE-TL	TC001-03

NDS355AN	TC001-07
NDS356AP	TC001-20

SI4559EY-T1	TC012-03
-------------------	----------

IC	Page or ID No.
CAT24WC02JI-TE13	X24C02S-30

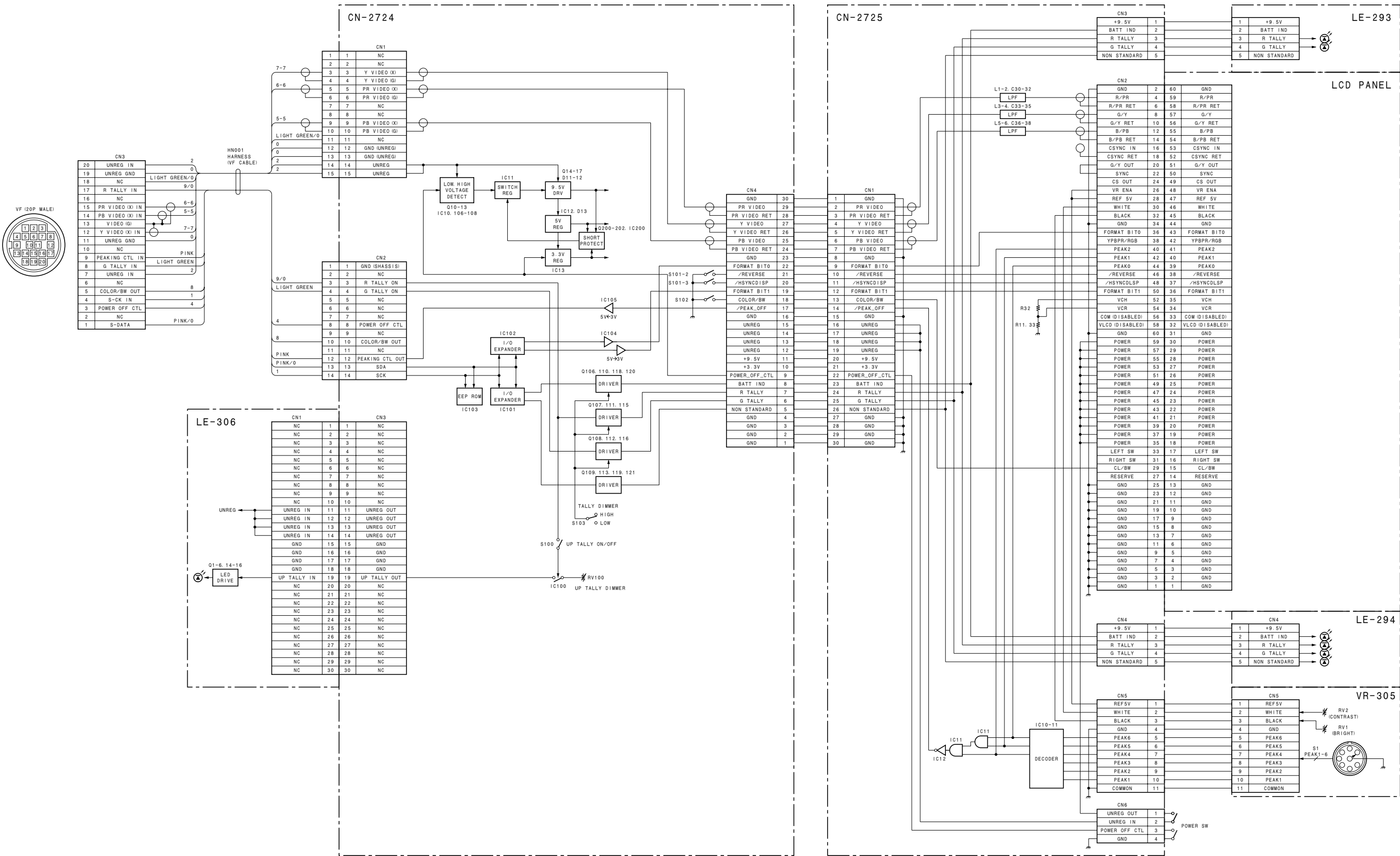
L78M05TLL-SONY-TL	L78M05T-FA
LM4040AIM3-2.5	LM4040BIM3

MB3761PF-ER	MB3761PF
-------------------	----------

NJM2903V(TE2)	UA393DC
NJM78M05DL1A-TE1	NJM78M12DLA_TE1

TC74VHC08FT(EL)	TC74HC08P
TC7W53FU(TE12R)	TC4W53FU
TC7W53FU-TE12R	TC4W53FU
TL1451ACPWR-12	TL1451CNS

Section 4
Block Diagram



Section 5

Schematic Diagrams

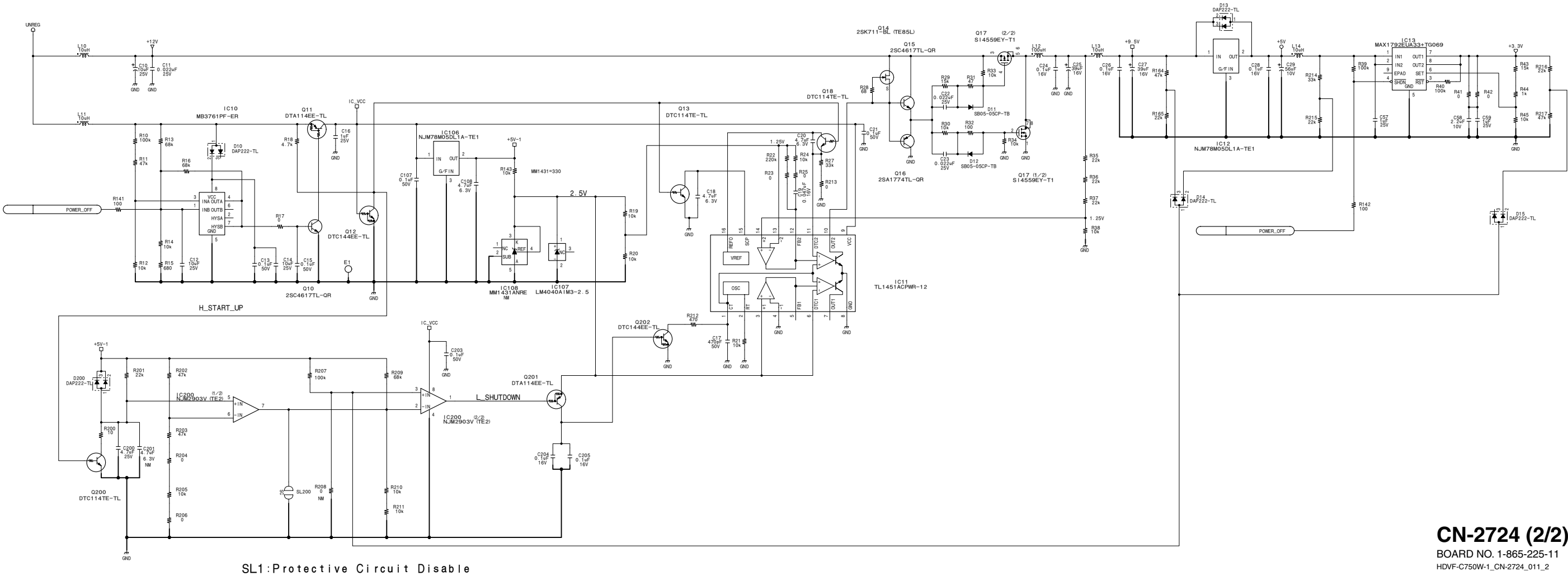
Index

	Page
C. CN-2724	5-2
CN-2725	5-4
L. LE-293	5-5
LE-294	5-5
LE-306	5-5
V. VR-305	5-5

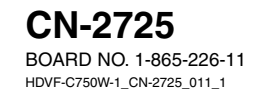


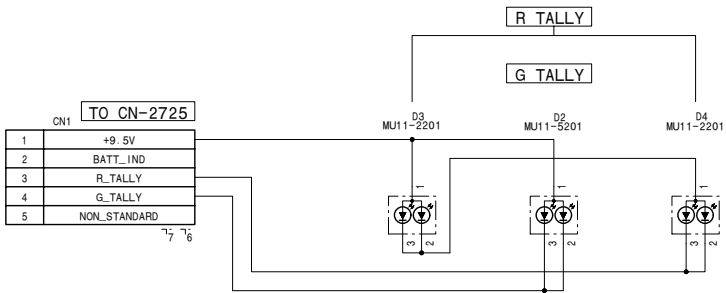
BOARD NO. 1-865-225-11

HDVF-C750W-1_CN-2724_011_1

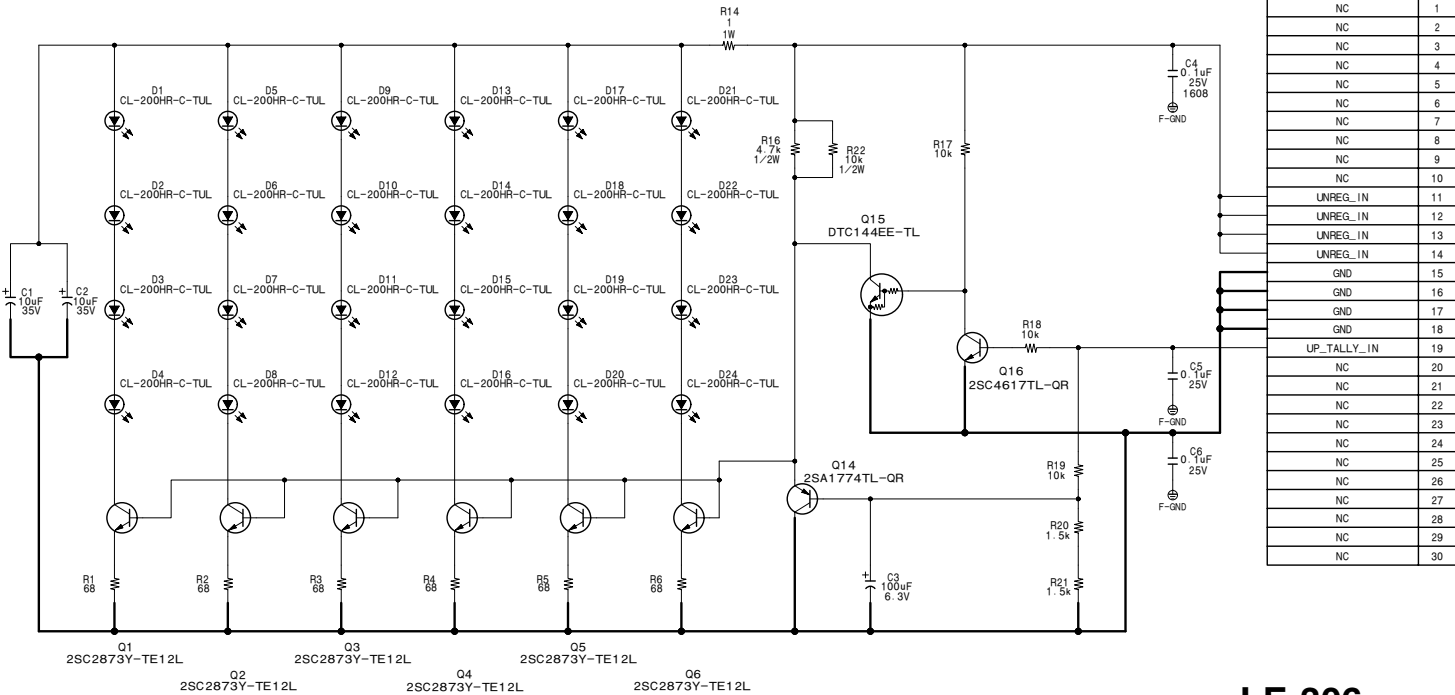


CN-2724 (2/2)
BOARD NO. 1-865-225-11
HDVF-C750W-1_CN-2724_011_2

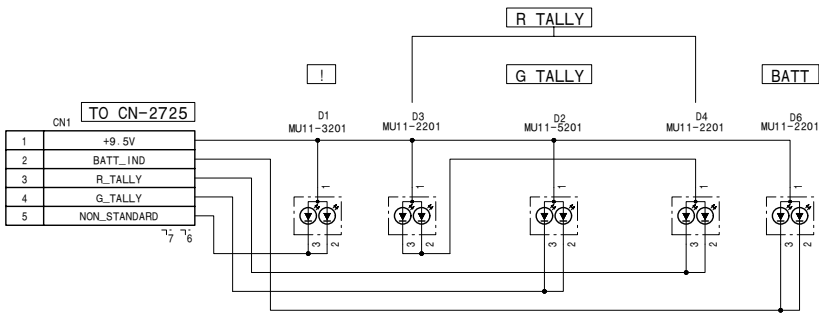




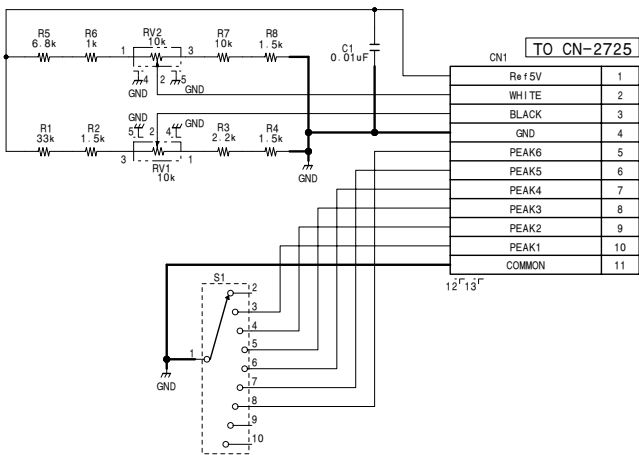
LE-293
BOARD NO. 1-865-227-11
HDVF-C750W-1_LE-293_011_1



LE-306
BOARD NO. 1-866-781-11
HDVF-C750W-1_LE-306_011_1



LE-294
BOARD NO. 1-865-424-11
HDVF-C750W-1_LE-294_011_1



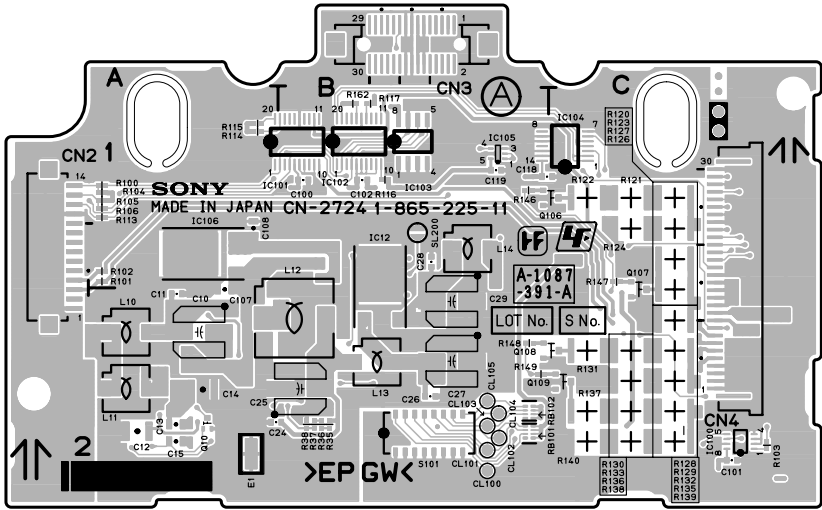
VR-305
BOARD NO. 1-865-228-11
HDVF-C750W-1_VR-305_011_1

Section 6

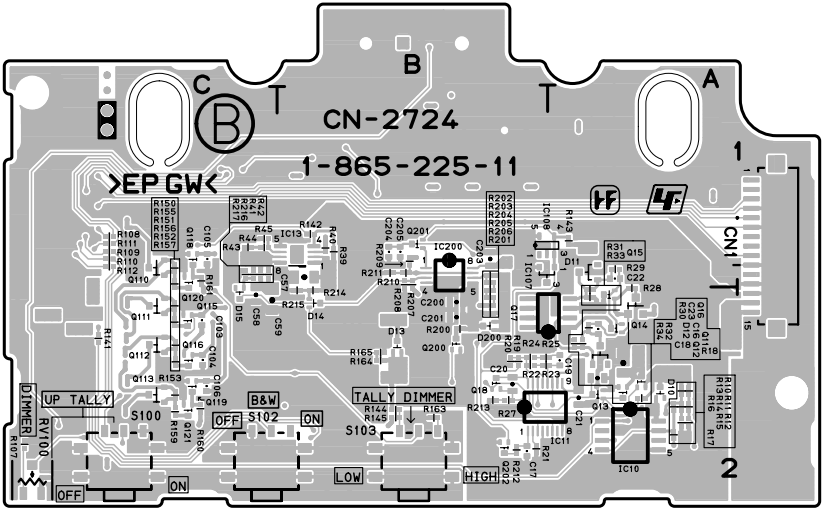
Board Layouts

CN-2724 (1-865-225-11)

C10	A2	Q15	*A2	R135	C2
C11	A2	Q16	*A2	R136	C2
C12	A2	Q17	*A2	R137	C2
C13	A2	Q18	*B2	R138	C2
C14	A2	Q106	C1	R139	C2
C15	A2	Q107	C2	R140	C2
C16	*A2	Q108	C2	R141	*C2
C17	*B2	Q109	C2	R142	*B1
C18	*A2	Q110	*C1	R143	*A1
C19	*A2	Q111	*C2	R144	*B2
C20	*B2	Q112	*C2	R145	*B2
C21	*A2	Q113	*C2	R146	B1
C22	*A1	Q115	*C2	R147	C1
C23	*A2	Q116	*C2	R148	B2
C24	A2	Q118	*C1	R149	B2
C25	B2	Q119	*C2	R150	*C1
C26	B2	Q120	*C1	R151	*C2
C27	B2	Q121	*C2	R152	*C2
C28	B1	Q200	*B2	R153	*C2
C29	B2	Q201	*B1	R155	*C1
C57	*B1	Q202	*B2	R156	*C2
C58	*C2			R157	*C2
C59	*C2			R159	*C2
C100	B1	R10	*A2	R160	*C2
C101	C2	R12	*A2	R161	*C1
C102	B1	R13	*A2	R162	B1
C103	*C2	R14	*A2	R163	*B2
C104	*C2	R15	*A2	R164	*B2
C105	*C1	R16	*A2	R165	*B2
C106	*C2	R17	*A2	R200	*B2
C107	A2	R18	*A2	R201	*B2
C108	A1	R19	*B2	R202	*B1
C118	B1	R20	*B2	R203	*B1
C119	B1	R21	*B2	R204	*B2
C200	*B2	R22	*B2	R205	*B2
C201	*B2	R23	*B2	R206	*B2
C203	*B1	R24	*B2	R207	*B1
C204	*B1	R25	*B2	R208	*B1
C205	*B1	R27	*B2	R209	*B1
		R28	*A2	R210	*B1
CL100	B2	R29	*A1	R211	*B1
CL101	B2	R30	*A2	R212	*B2
CL102	B2	R31	*A2	R213	*B2
CL103	B2	R32	*A2	R214	*B2
CL104	B2	R33	*A2	R215	*B2
CL105	B2	R34	*A2	R216	*C1
		R35	B2	R217	*C1
CN1	*A1	R36	B2		
CN2	A1	R37	B2	RB101	B2
CN3	B1	R38	B2	RB102	B2
CN4	C1	R39	*B1		
		R40	*B1	RV100	*C2
D10	*A2	R41	*C1		
D11	*A1	R42	*C1	S100	*C2
D12	*A2	R43	*C1	S101	B2
D13	*B2	R44	*C1	S102	*C2
D14	*B2	R45	*C1	S103	*B2
D15	*C2	R100	A1		
D200	*B2	R101	A1	SL200	B1
		R102	A1		
E1	A2	R103	C2	*:B SIDE	
		R104	A1		
IC10	*A2	R105	A1		
IC11	*B2	R106	A1		
IC12	B1	R107	*C2		
IC13	*B1	R108	*C1		
IC100	C2	R109	*C1		
IC101	B1	R110	*C1		
IC102	B1	R111	*C1		
IC103	B1	R112	*C1		
IC104	C1	R113	A1		
IC105	B1	R114	A1		
IC106	A1	R115	A1		
IC107	*B1	R116	B1		
IC108	*B1	R117	B1		
IC200	*B1	R120	C1		
		R121	C1		
L10	A2	R122	C1		
L11	A2	R123	C1		
L12	B2	R124	C1		
L13	B2	R126	C2		
L14	B1	R127	C1		
		R128	C2		
Q10	A2	R129	C2		
Q11	*A2	R130	C2		
Q12	*A2	R131	C2		
Q13	*A2	R132	C2		
Q14	*A2	R133	C2		



CN-2724 -A SIDE-
SUFFIX: -11



CN-2724 -B SIDE-
SUFFIX: -11

CN-2725 (1-865-226-11)

- C10

B2
- C11

B2
- C12

B2
- C13

A2
- C14

A2
- C15

A2
- C16

A2
- C17

B2
- C18

B2
- C30

A1
- C31

A1
- C32

B1
- C33

A1
- C34

A1
- C35

B1
- C36

A1
- C37

A1
- C38

B1
- C39

A1
- C40

B1
- C41

A1
- C42

B1
- C43

A1
- C44

B1
- CL10

B1
- CN1

A2
- CN2

*B1
- CN3

C1
- CN4

C2
- CN5

B2
- CN6

B2
- E1

A1
- IC10

B2
- IC11

B2
- IC12

B2
- L1

A1
- L2

B1
- L3

A1
- L4

B1
- L5

A1
- L6

B1
- R11

B1
- R12

B1
- R13

B1
- R14

B1
- R15

B1
- R16

B2
- R17

B2
- R18

A2
- R19

A2
- R20

A2
- R21

A2
- R22

A2
- R23

B1
- R24

B1
- R25

B1
- R26

B1
- R27

B1
- R28

B1
- R29

B1
- R30

B1
- R31

B2
- R32

B1
- R33

B1
- R34

A1
- R35

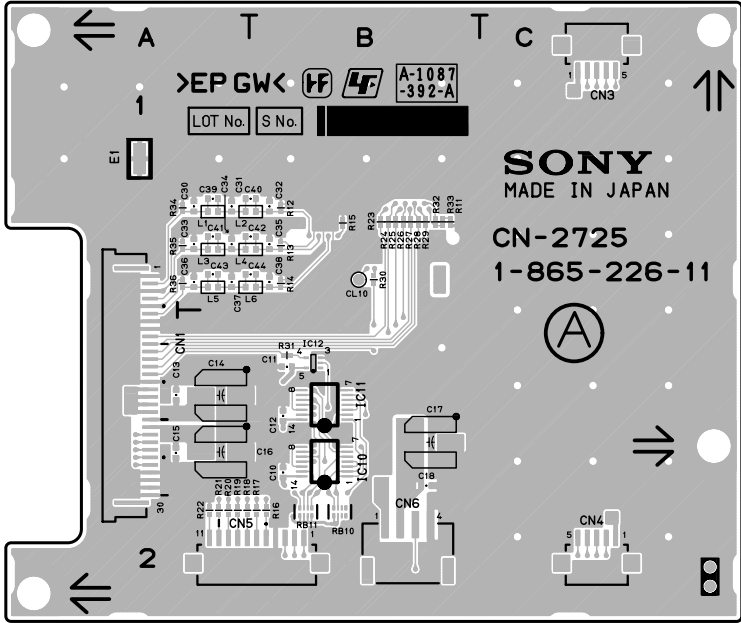
A1
- R36

A1
- RB10

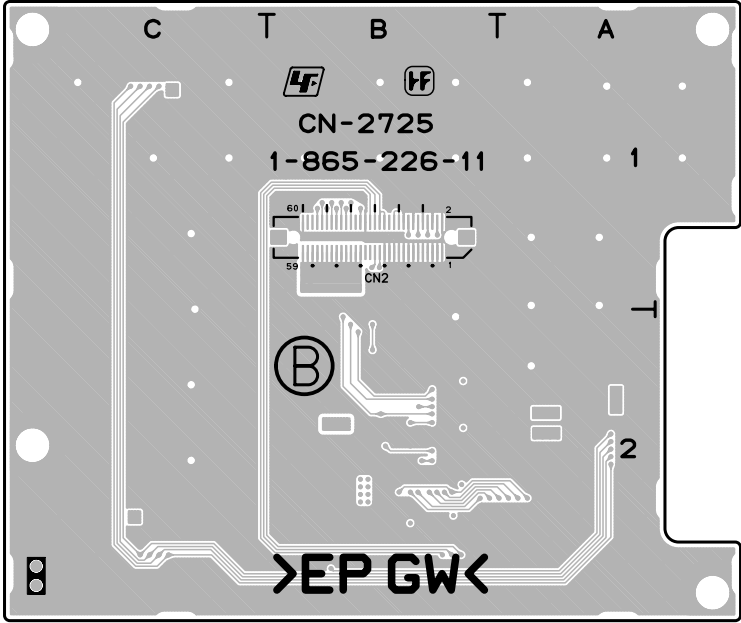
B2
- RB11

B2

*:B SIDE



CN-2725 -A SIDE-
SUFFIX: -11



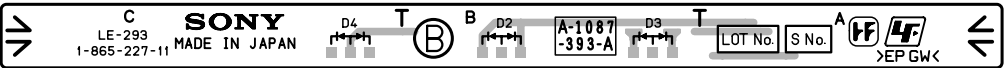
CN-2725 -B SIDE-
SUFFIX: -11

LE-293 (1-865-227-11)

CN1	A1
D2	B1
D3	B1
D4	C1



LE-293 -A SIDE-
SUFFIX: -11



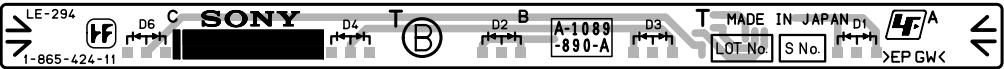
LE-293 -B SIDE-
SUFFIX: -11

LE-294 (1-865-424-11)

CN1	A1
D1	A1
D2	B1
D3	B1
D4	C1
D6	C1



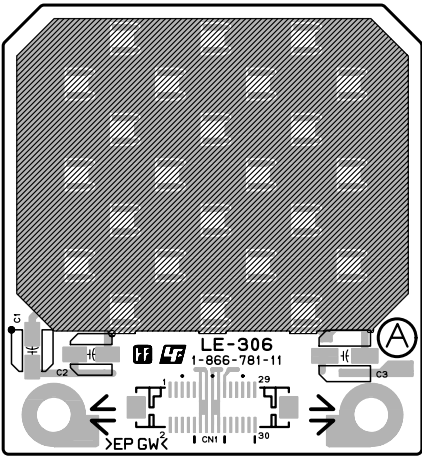
LE-294 -A SIDE-
SUFFIX: -11



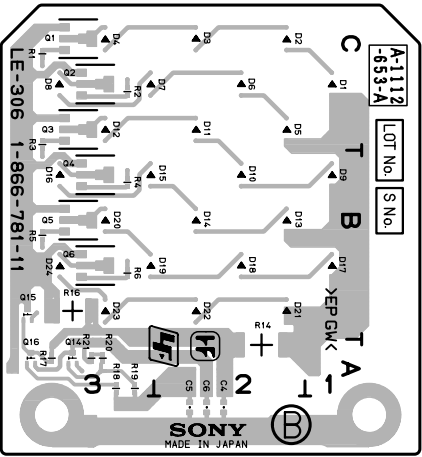
LE-294 -B SIDE-
SUFFIX: -11

LE-306 (1-866-781-11)

C1	A1	D22	B2
C2	A1	D23	B3
C3	A3	D24	B3
C4	*A2		
C5	*A2	Q1	*C3
C6	*A2	Q2	*C3
		Q3	*C3
CN1	A2	Q4	*B3
		Q5	*B3
D1	C1	Q6	*B3
D2	C2	Q14	*A3
D3	C2	Q15	*B3
D4	C3	Q16	*A3
D5	C2		
D6	C2	R1	*C3
D7	C2	R2	*C3
D8	C3	R3	*C3
D9	B1	R4	*B3
D10	B2	R5	*B3
D11	C2	R6	*B3
D12	C3	R14	*A2
D13	B2	R16	*B3
D14	B2	R17	*A3
D15	B2	R18	*A3
D16	B3	R19	*A3
D17	B1	R20	*A3
D18	B2	R21	*A3
D19	B2		
D20	B3		
D21	B2		



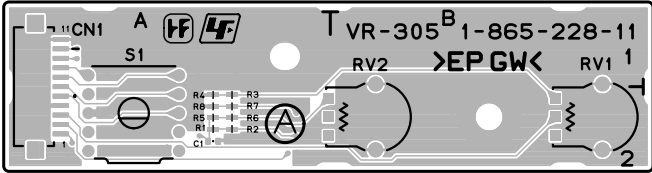
LE-306 -A SIDE-
SUFFIX: -11



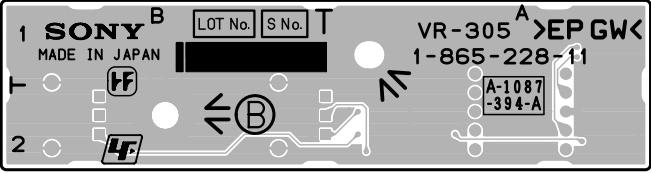
LE-306 -B SIDE-
SUFFIX: -11

VR-305 (1-865-228-11)

C1	A2
CN1	A2
R1	A2
R2	A2
R3	A2
R4	A2
R5	A2
R6	A2
R7	A2
R8	A2
RV1	B2
RV2	B2
S1	A2



VR-305 -A SIDE-
SUFFIX: -11



VR-305 -B SIDE-
SUFFIX: -11

このマニュアルに記載されている事柄の著作権は当社にあります。

従って、当社の許可なしに無断で複写したり、説明内容（操作、保守等）と異なる目的で本マニュアルを使用することを禁止します。

The material contained in this manual consists of information that is the property of Sony Corporation.

Sony Corporation expressly prohibits the duplication of any portion of this manual or the use thereof for any purpose other than the operation or maintenance of the equipment described in this manual without the express written permission of Sony Corporation.

Le matériel contenu dans ce manuel consiste en informations qui sont la propriété de Sony Corporation.

Sony Corporation interdit formellement la copie de quelque partie que ce soit de ce manuel ou son emploi pour tout autre but que des opérations ou entretiens de l'équipement à moins d'une permission écrite de Sony Corporation.

Das in dieser Anleitung enthaltene Material besteht aus Informationen, die Eigentum der Sony Corporation sind.

Die Sony Corporation untersagt ausdrücklich die Vervielfältigung jeglicher Teile dieser Anleitung oder den Gebrauch derselben für irgendeinen anderen Zweck als die Bedienung oder Wartung der in dieser Anleitung beschriebenen Ausrüstung ohne ausdrückliche schriftliche Erlaubnis der Sony Corporation.

