



SCPH-30000  
SCPH-30001  
SCPH-30002  
SCPH-30003  
SCPH-30004

# SCPH-30000 series

## SERVICE MANUAL

6th Edition

PlayStation®2



SONY  
COMPUTER  
ENTERTAINMENT

Sony Computer Entertainment Inc.  
Customer Service Department  
Published in Japan c 5. 2000 9-927-084-06

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**REVISIONS.**

This manual compiled by first edition of SCPH-30000, 30001, 30002, 30003, 30004 B, B', C, C', D type design data. Design and Specification will be subject to changed without notice. The latest versions of service manual, Technical memo, Technical information should be used together.

**SAFETY-RELATED COMPONENT WARNING !!**

COMPONENTS IDENTIFIED BY MARK  $\triangle$  OR DOTTED LINE WITH MARK  $\triangle$  ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.

**ATTENTION AU COMPOSANT AYANT RAPPORT À LA SÉCURITÉ !**

LES COMPOSANTS IDENTIFIÉS PAR UNE MARQUE  $\triangle$  SUR LES DIAGRAMMES SCHÉMATIQUES ET LA LISTE DES PIÈCES SONT CRITIQUES POUR LA SÉCURITÉ DE FONCTIONNEMENT. NE REMPLACER CES COMPOSANTS QUE PAR DES PIÈCES SONY DONT LES NUMÉROS SONT DONNÉS DANS CE MANUEL OU DANS LES SUPPLÉMENTSUBLIÉS PAR SONY.

**CAUTION**

Replace the battery with a Sony CR2032 battery. Use of any other type of battery may present the risk of fire or explosion. The battery may explode if mistreated. Do not recharge, disassemble, or dispose of in fire.

**CAUTION**

The use of optical instruments with this product will increase eye hazard. As the laser beam used in this CD/DVD player is harmful to eyes, do not attempt to disassemble the cabinet. Refer servicing to qualified personnel only.

**WARNING !!**

WHEN SERVICING, DO NOT APPROACH THE LASER EXIT WITH THE EYE TOO CLOSELY. IN CASE IT IS NECESSARY TO CONFIRM LASER BEAM EMISSION, BE SURE TO OBSERVE FROM A DISTANCE OF MORE THAN 25cm FROM THE SURFACE OF THE OBJECTIVE LENS ON THE OPTICAL PICK-UP BLOCK.

**CAUTION**

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

**CAUTION for electric shock**

When power is ON, Don't touch to Power supply block, AC-inlet, Power switch and so on, not to get an electric shock at repair.

**CAUTION for burning**

When current is supplied, Some of part surface temperature like EE, GS, Regulator-IC, power supply, Optical device and so on. These part surface is become high temperature condition. When it repair, Don't touch them at a time during it surface is high temperature condition to take prevent against burning. Do repair after it is cooled down enough.

**CAUTION**

Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Discard used batteries according to the manufacturer's instructions.

**ADVARSEL!**

Lithiumbatteri - Eksplorationsfare ved fejlagtig håndtering. Udskiftning må kun ske med batteri af samme fabrikat og type. Lever det brugte batteri til leverandøren.

**ADVARSEL**

Eksplorationsfare ved fejlagtig skifte af batteri. Benytt samme batteritype eller en tilsvarende type anbefalt av apparatfabrikanten. Brukte batterier kasseres i henhold til fabrikantens instruksjoner.

**VARNING**

Explosionsfara vid felaktigt batteribyte. Använd samma batterityp eller en ekvivalent typ som rekommenderas av apparattillverkaren. Kassera använd batteri enligt fabrikantens instruktion.

**VAROITUS**

Paristo voi räjähtää, jos se on virheellisesti asennettu. Vaihda paristo ainoastaan valmistajan suosittelemaan tyypin. Hävitä käytetty paristo valmistajan ohjeiden mukaisesti.

**SAFETY CHECK-OUT**

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

1. Check the area of your repair for unsoldered or cold-soldered connections. Check the entire board surface for solder splashes and bridges.
2. Check the inter board wiring to ensure that no wires are "pinched" or contact high-wattage resistors.
3. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
4. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
5. Check the line cord for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
6. Check the b+ voltage to see it is at the values specified.
7. Check the antenna terminals, metal trim, "metalized" knobs, screws, and all other exposed metal parts for ac leakage. Check leakage as described below.

**LEAKAGE**

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a Return to chassis, must not exceed 0.5 mA (500 micro-amperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the SIMPSON 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instruments.
2. A battery-operated AC milli-ammeter. The Data Precision 245 digital multi-meter is suitable for this job
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated ac voltmeter. The "limit" indication is 0.75V, so analog meters must have an accurate low-voltage scale. The SIMPSON 250 and SANWA SH-63TRD are examples of a passive VOM that is suitable. Nearly all battery operated digital multi-meters that have a 2V AC range are suitable.

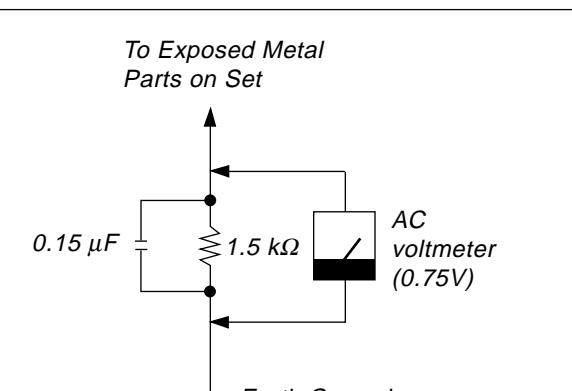


Fig A. Using AC voltmeter to check AC leakage

**NOTIFICATION for environmental assessment**

This model is CR2032 lithium battery onboard inside on the GD MOUNT as Timer backup power. CR2032 life may be about 5 to 8 years so you have very few need for changing to new one. But if you have necessary to replaced to new one or disassemble for scrapping, you have to keep your country low, regulation, standard, etc. of environmental assessment and safty.

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### SCPH-30002/30003/30004 (D, D')

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## SECTION 1 SPECIFICATIONS

### General

Power requirements	220-240 V AC, 50/60 Hz
Power consumption	50 W
Dimensions	301 × 78 × 182 mm (w/h/d)
Mass	2.4 kg

### Inputs/Outputs on the rear

HDD bay slot (1)
AV Multi out port (1)
RGB, Ycbcr, Y/C, Composite-video,
Audio-L/R, XGA
Digital out port (1)
Optical audio

### Inputs/ Outputs on the front

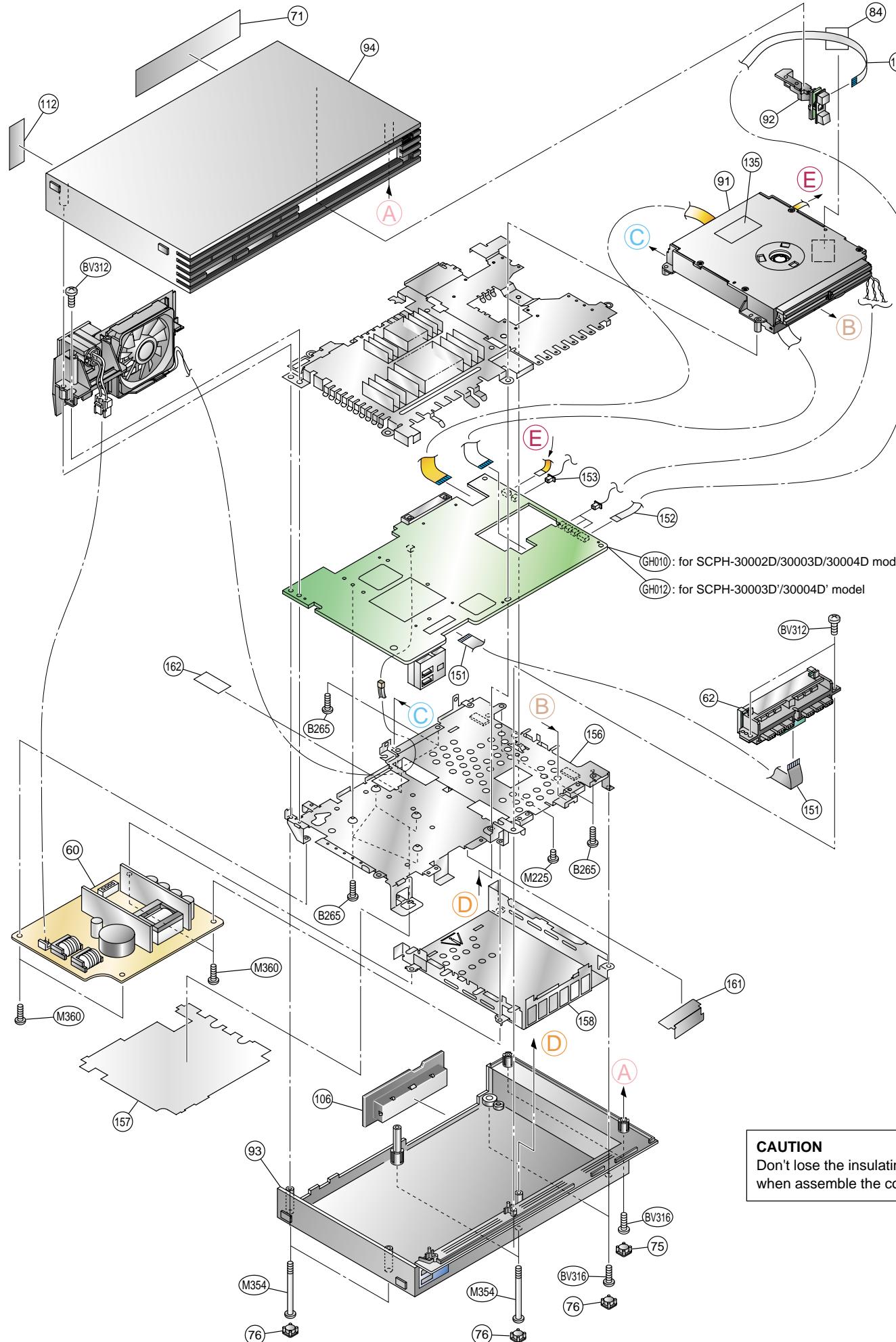
Controller ports (2)
Memory card slots (2)
USB ports (2)
S400 (i-Link) port (1)

### Supplied accessories

AC power cord (1)
Euro-AV connector (1)
(for SCPH-30003, 30004)
A/V connecting cable (1)
Dualshock2 Analog controller (1)

## SECTION 2 EXPLODED VIEWS

### Overall and Main Block



### CAUTION

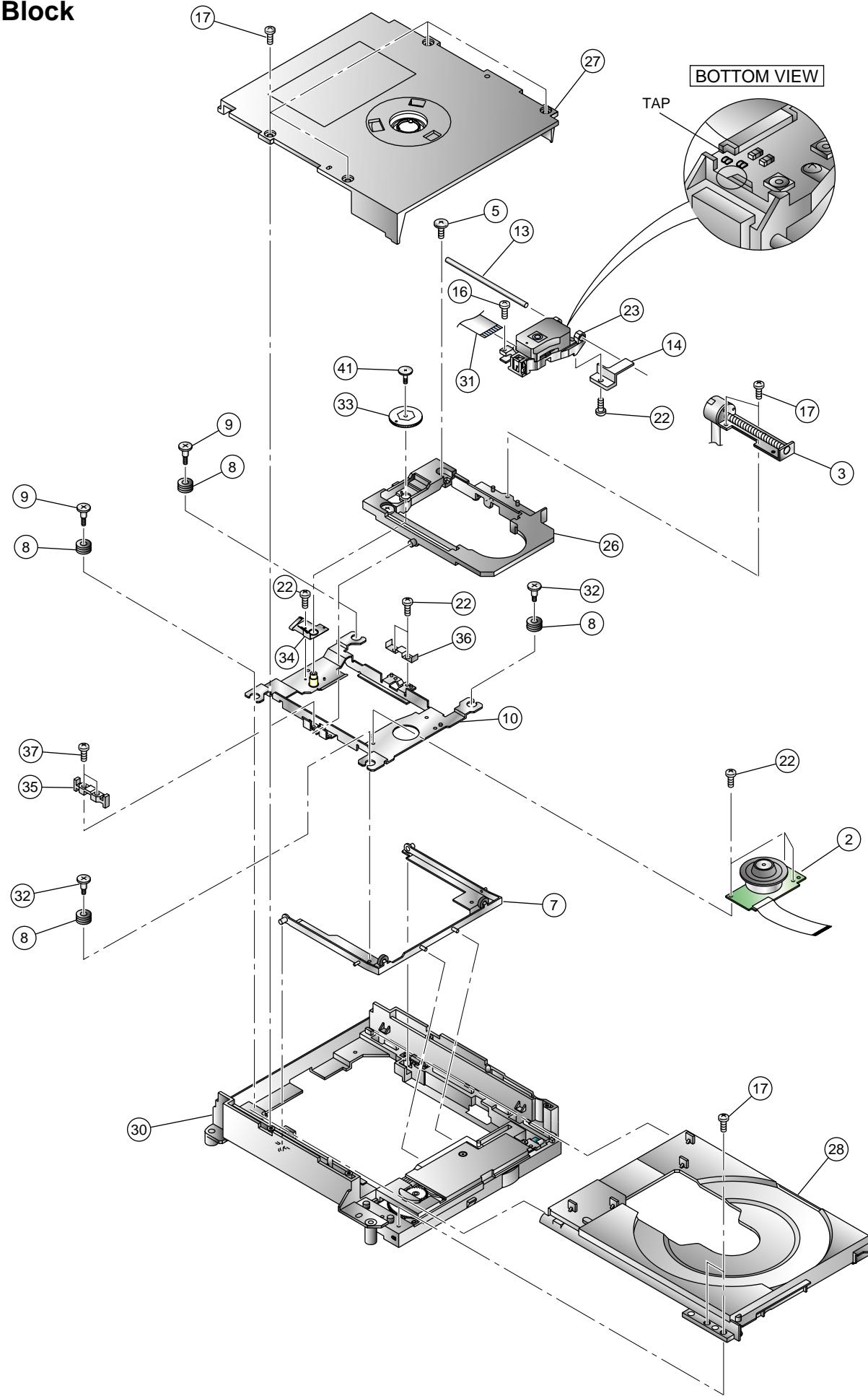
The components identified by mark  $\triangle$  or dotted line with mark  $\triangle$  are critical for safety.  
Replace only with part number specified.

**CAUTION :**  
Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

### OVERALL AND MAIN BLOCK

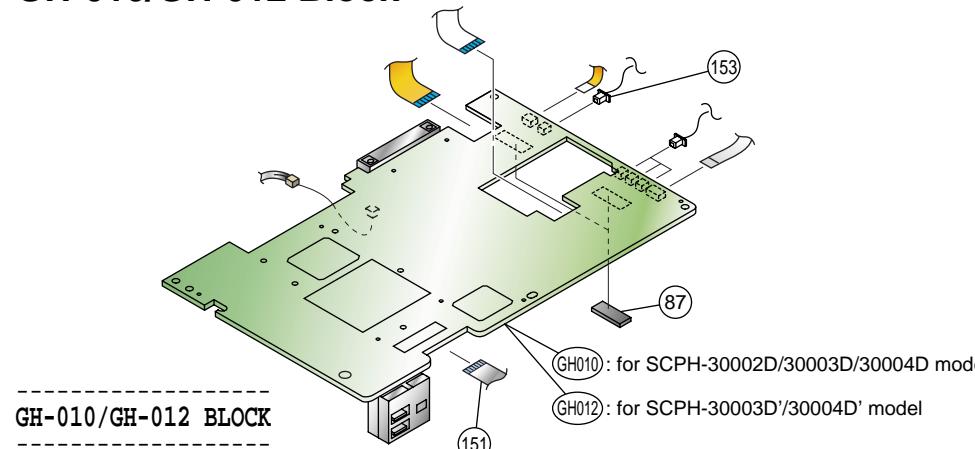
Ref-No.	Part No.	Description	Remark	Place code
$\triangle$	60	POWER BLOCK	for SCPH-30002D for SCPH-30003D/30003D' for SCPH-30004D/30004D'	#00
	62	TERMINAL BOARD (FRONT)		#17
	71	LABEL, MODEL NUMBER (AU)		#87
	71	LABEL, MODEL NUMBER (CEK)		#87
71	3-069-121-01	LABEL, MODEL NUMBER (CEL)		#87
75	3-059-626-03	COVER, SCREW		#22
76	3-059-627-01	CAP		#22
84	3-067-170-01	TAPE (20X20), HARNESS STOPPER		#87
91	A-6705-342-A	MD BLOCK ASSY		#10
92	A-6705-401-A	SWITCH BLOCK ASSY		#87
93	X-3951-722-1	COVER ASSY, LOWER		#87
94	X-3951-721-1	COVER ASSY, UPPER		#87
106	X-3951-317-1	LID ASSY		#87
112	3-066-498-01	TAPE, VOID		#87
$\triangle$	135	LABEL, LASER CAUTION		#87
	151	CABLE, FLAT (FFC-011)		#12
	152	CABLE, FLAT (FFC-012)		#12
	153	HARNESS (HS-059)		#12
	156	SHIELD B		#16
157	3-068-674-01	SHEET, INSULATING		#16
158	3-068-675-02	SHIELD HDD		#87
161	3-070-120-01	SHEET, INTERCEPTION		#87
162	3-069-212-01	TAPE, HARNESS STOPPER		#16
B265	3-069-170-01	TAPPING (B2X6.5)		#87
BV312	3-325-679-21	SCREW, TAPPING +BV 3X12		#87
BV316	3-325-679-91	SCREW (2 LOCK), +BV TAPPING		#87
GH010	A-6712-954-A	GH-010 MOUNT (32M M) Block	for SCPH-30003D/30004D for SCPH-30002D for SCPH-30003D/30004D for SCPH-30002D for SCPH-30003D/30004D	#25GB
GH010	A-6712-957-A	GH-010 MOUNT (64M M) Block		#25GB
GH010	A-6712-955-A	GH-010 MOUNT (64M M) Block		#25GB
GH010	A-6712-958-A	GH-010 MOUNT (64M R) Block		#25GB
GH010	A-6712-956-A	GH-010 MOUNT (64M R) Block		#25GB
GH012	A-6712-985-A	GH-012 MOUNT (32M R) Block	for SCPH-30003D'/30004D' for SCPH-30003D'/30004D'	#25GH
GH012	A-6712-986-A	GH-012 MOUNT (64M R) Block		#25GH
M225	3-069-169-01	SCREW (M2X2.5)		#87
M354	3-059-622-02	SCREW (M3X54), HEAD TAPPING		#87
M360	3-069-168-01	TITE (CZN), M3X6 +BV S		#87

for details  
Click here.

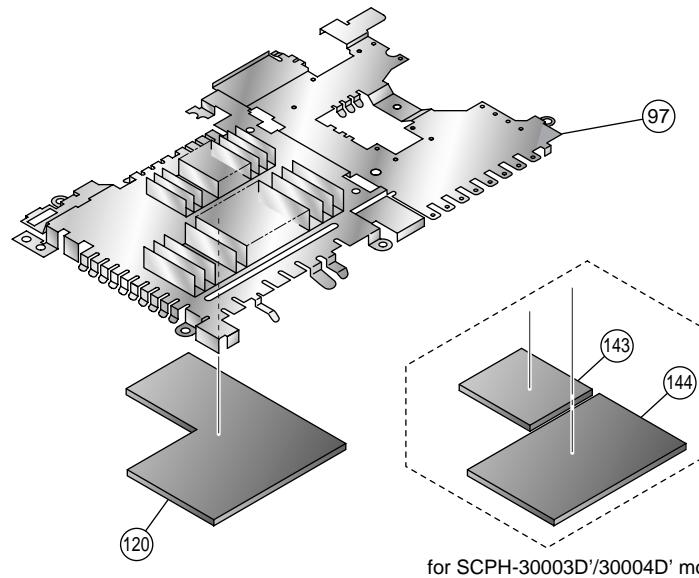
**MD Block****MD BLOCK**

Ref-No.	Part No.	Description	Remark	Place code
2	8-835-733-01	MOTOR, DC SSC28C/C-NP		#10SP
2	1-763-700-12	MOTOR, DC (SPINDLE)		#10SP
3	1-763-639-21	MOTOR, DC		#10
5	3-059-845-01	SCREW (B2X6.5), SHAFT RETAINER		#10
7	X-3951-637-1	FRAME ASSY, SUB		#10
8	3-065-277-01	INSULATOR		#10
9	3-065-276-01	SCREW, STEP		#10
10	X-3951-606-1	CHASSIS ASSY, MAIN		#10
13	3-059-854-02	SHAFT, MAIN		#10
14	3-059-855-02	RACK		#10
16	3-060-399-01	SCREW, SKEW		#10
17	3-060-400-01	TAPPING (B2X6.5)		#10
22	3-062-728-01	O PLATE 3, MAIN M3X3.2		#10
23	8-820-141-10	DEVICE, OPTICAL KHS-400B		#100P
26	X-3951-607-2	CHASSIS ASSY, SUB		#10
27	X-3951-609-2	BRACKET ASSY, PULLEY		#10
28	X-3951-608-2	TRAY ASSY		#10TR
30	X-3951-610-2	FRAME ASSY, MAIN		#10
31	1-680-370-12	PWB, FLEXIBLE		#10
32	3-068-075-02	SCREW (SUB), STEP		#10
33	3-065-278-02	CAM, TILT		#10
34	3-068-076-01	SPRING (TILT), LEAF		#10
35	3-065-282-01	GUIDE (L)		#10
36	3-065-283-01	GUIDE (R)		#10
37	3-065-557-01	SCREW (M2X6.0)		#10
41	3-065-279-02	SCREW, CAM RETAINER		#10

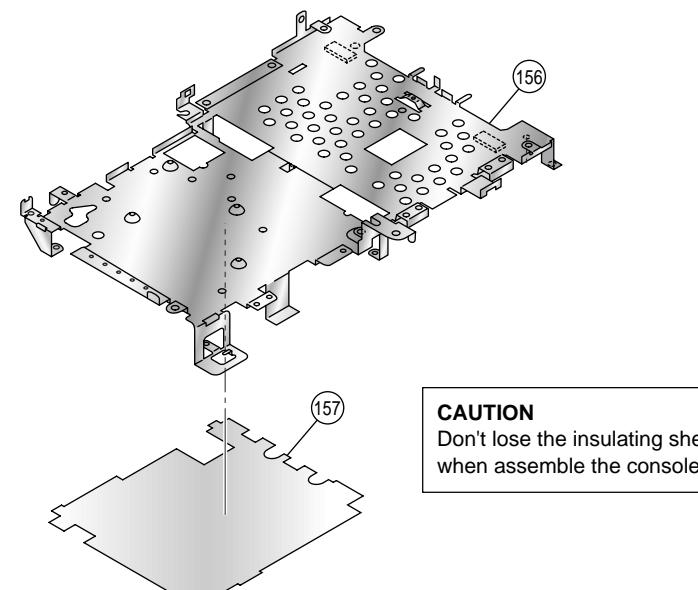
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**GH-010/GH-012 Block****GH-010/GH-012 BLOCK**

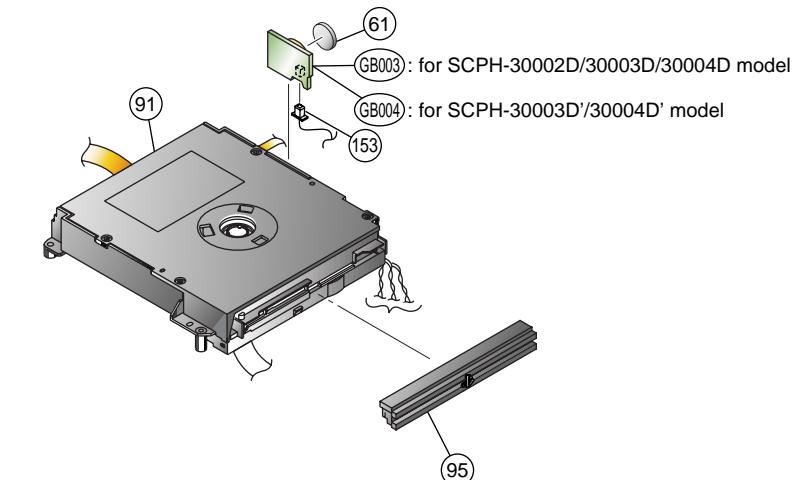
<u>Ref-No.</u>	<u>Part No.</u>	<u>Description</u>	<u>place code</u>
87	3-068-806-01	SHEET (DRIVER), ELECTRIC HEAT	#25GH
151	1-757-934-11	CABLE, FLAT (FFC-011)	#12
153	1-961-160-21	HARNESS (HS-059)	#12
GH010	A-6712-954-A	GH-010 MOUNT (32M M) for SCPH-30003D/30004D	#25GH
GH010	A-6712-957-A	GH-010 MOUNT (64M M) for SCPH-30002D	#25GH
GH010	A-6712-955-A	GH-010 MOUNT (64M M) for SCPH-30003D/30004D	#25GH
GH010	A-6712-958-A	GH-010 MOUNT (64M R) for SCPH-30002D	#25GH
GH010	A-6712-956-A	GH-010 MOUNT (64M R) for SCPH-30003D/30004D	#25GH
GH012	A-6712-985-A	GH-012 MOUNT (32M R) for SCPH-30003D'/30004D'	#25GH
GH012	A-6712-986-A	GH-012 MOUNT (64M R) for SCPH-30003D'/30004D'	#25GH

**Shield (A) Assy Block****SHIELD (A) ASSY BLOCK**

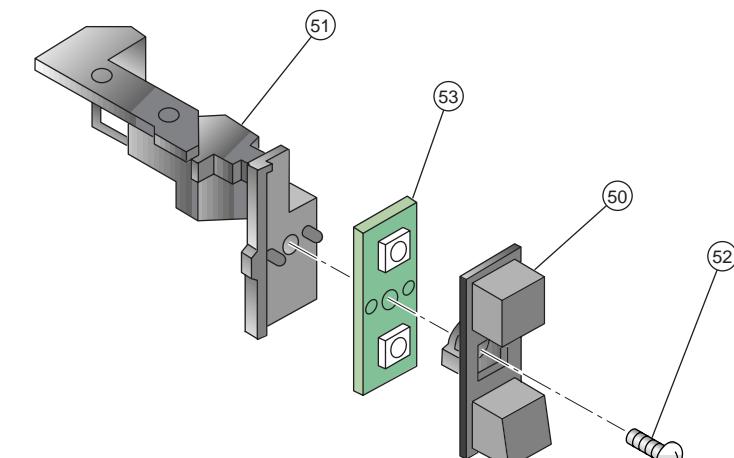
<u>Ref-No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Place code</u>
97	X-3951-707-2	SHIELD (A) ASSY	#87
120	3-059-652-01	SHEET (A), ELECTRIC HEAT for SCPH-30002D/30003D/30004D	#16
143	3-066-277-01	SHEET (P), ELECTRIC HEAT for SCPH-30003D'/30004D'	#16
144	3-066-278-01	SHEET (Q), ELECTRIC HEAT for SCPH-30003D'/30004D'	#16

**Shield (B) Block****SHIELD (B) BLOCK**

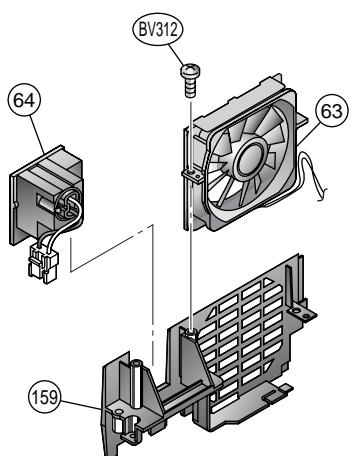
<u>Ref-No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Place code</u>
63	1-763-480-22	DC. FAN	#74
64	1-771-995-31	SWITCH, POWER (WITH AC INLET)	#00
159	3-068-676-11	PANEL, REAR	#87
BV312	3-325-679-21	SCREW, TAPPING +BV 3X12	#87

**GB-003/GB-004 and Plate Assy Block****GB-003/GB-004 AND PLATE ASSY BLOCK**

<u>Ref-No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Place code</u>
△ 61	1-528-174-41	BATTERY, LITHIUM (CR2032 TYPE)	#25GB
91	A-6705-342-A	MD BLOCK ASSY	#10
95	X-3951-099-1	PLATE ASSY, ORNAMENTAL	#87
153	1-961-160-21	HARNESS (HS-059)	#12
GB003	A-6712-923-A	GB-003 MOUNT for SCPH-30002D/30003D/30004D	#25GB
GB004	A-6712-984-A	GB-004 MOUNT for SCPH-30003D'/30004D'	#25GB

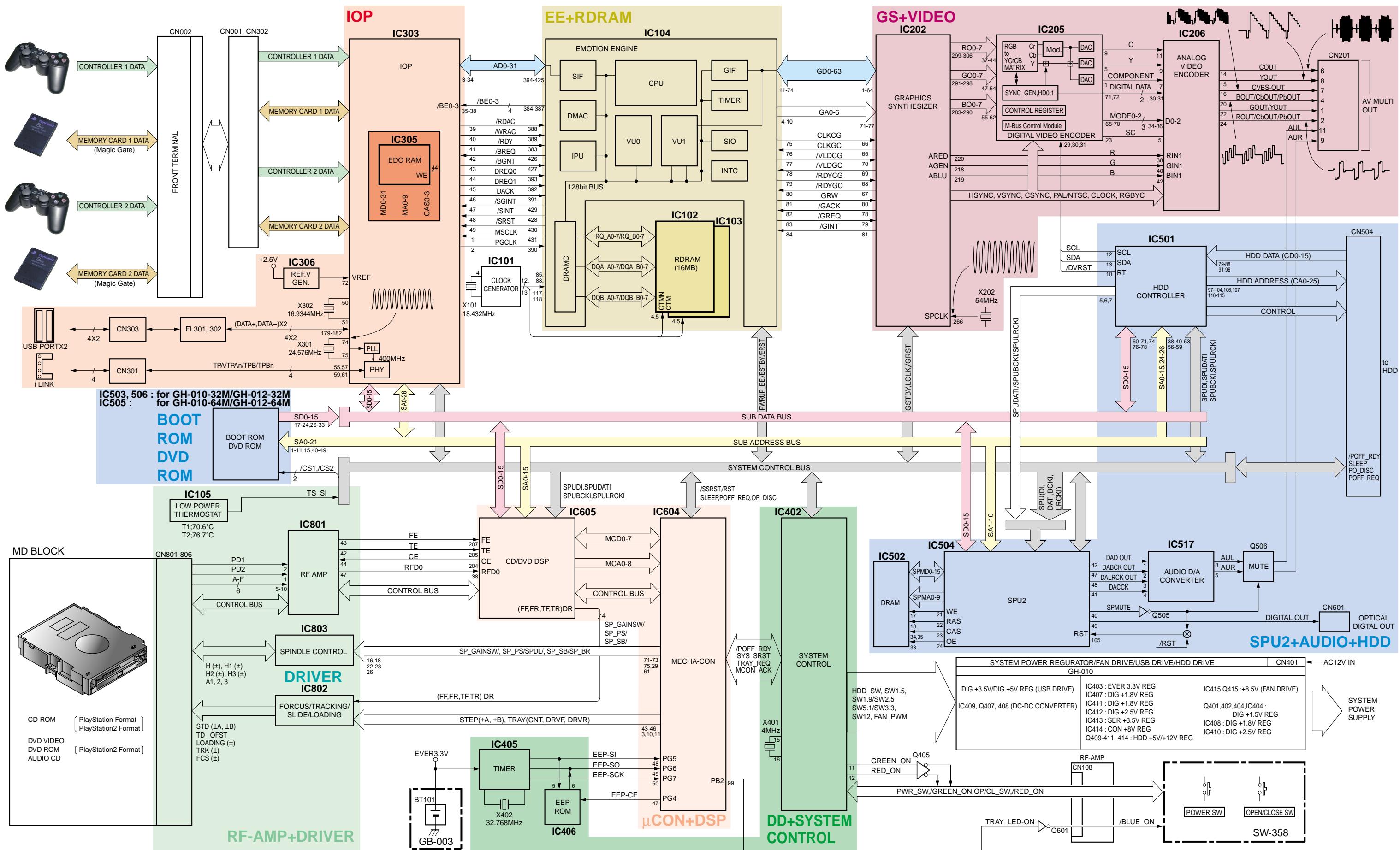
**Switch Block****SWITCH BLOCK**

<u>Ref-No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Place code</u>
50	3-059-665-03	BUTTON, SWITCH	#25SW
51	3-059-666-05	BRACKET, SWITCH	#25SW
52	7-685-105-11	TPG +P 2X8, TYPE 2, NON-SLIT	#25SW
53	A-6712-922-A	SW-358 MOUNT for SCPH-30002D/30003D/30004D	#25SW
53	A-6712-983-A	SW-363 MOUNT for SCPH-30003D'/30004D'	#25SW

**Fan and Rear Panel Block****FAN AND REAR PANEL BLOCK**

<u>Ref-No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Place code</u>
63	1-763-480-22	DC. FAN	#74
64	1-771-995-31	SWITCH, POWER (WITH AC INLET)	#00
159	3-068-676-11	PANEL, REAR	#87
BV312	3-325-679-21	SCREW, TAPPING +BV 3X12	#87

## SECTION 3 BLOCK DIAGRAM for D type



## SECTION 4

### PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS for SCPH-30002D/30003D/30004D

#### THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.

##### Note on Printed Wiring Boards :

- Through hole is omitted.
-  : Pattern on the side which is seen.

##### Note on Schematic Diagram :

- Use caution when replacing chip parts.  
New parts must be attached after removal of chip.  
Be careful not to heat the minus side of tantalum capacitor,  
because it is damaged by the heat.
- All capacitors are in  $\mu\text{F}$  unless otherwise noted. pF :  $\mu\mu\text{F}$  50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in  $\Omega$  and 1/4 W (Chip resistors : 1/10W) unless otherwise specified.
- Chip resistors are 1/8 W or 1/10 W unless otherwise noted.  
 $\text{k}\Omega$  : 1000 $\Omega$ ,  $\text{M}\Omega$  : 1000 k $\Omega$ .

##### Note :

The components identified by mark  $\triangle$  or dotted line with mark  $\triangle$  are critical for safety.  
Replace only with part number specified.

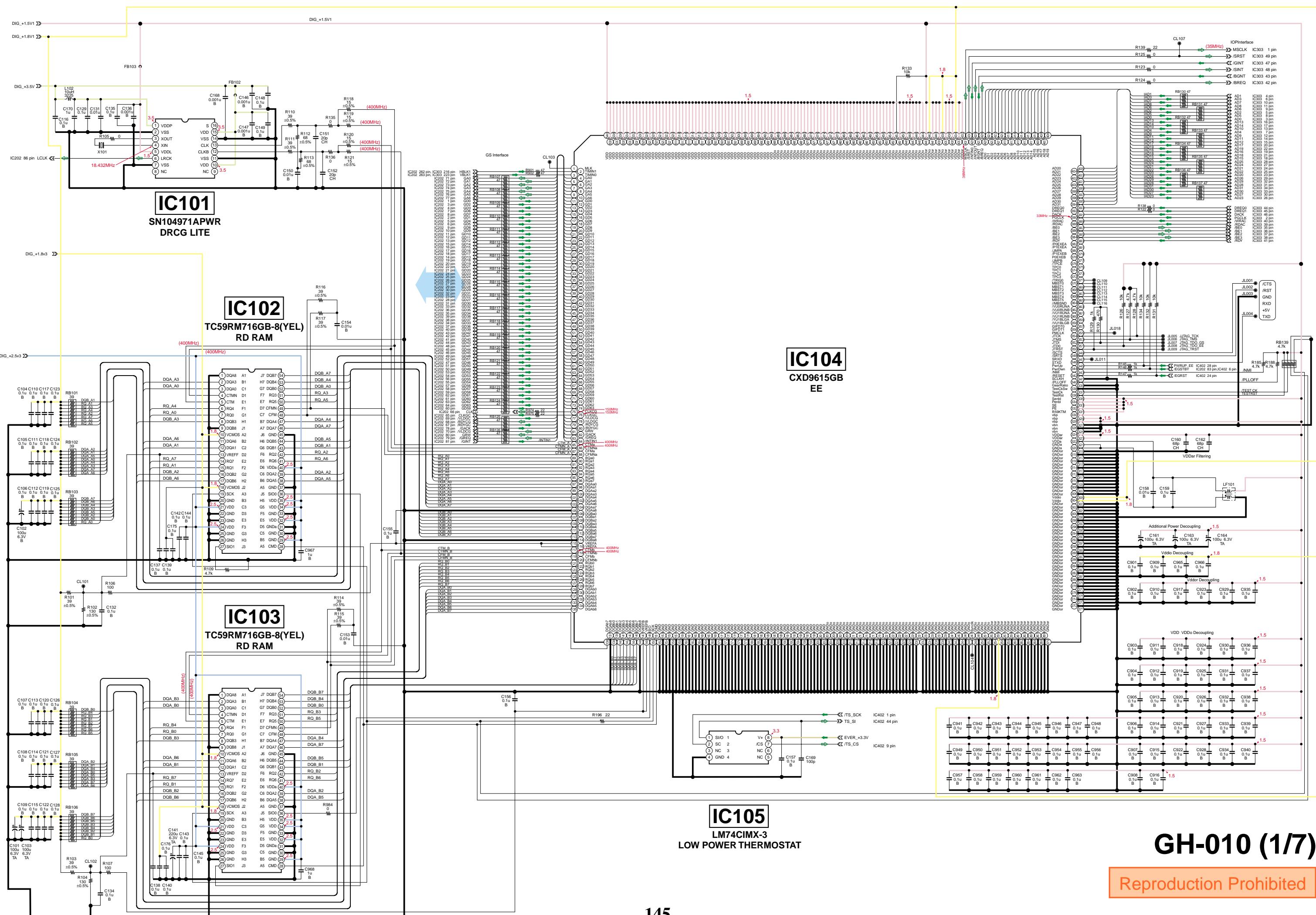
##### Note :

Les composants identifiés par une marque  $\triangle$  sont critiques pour la sécurité.  
Ne les remplacer que par une pièce portant le numéro spécifié.

##### Note on DC Power line :

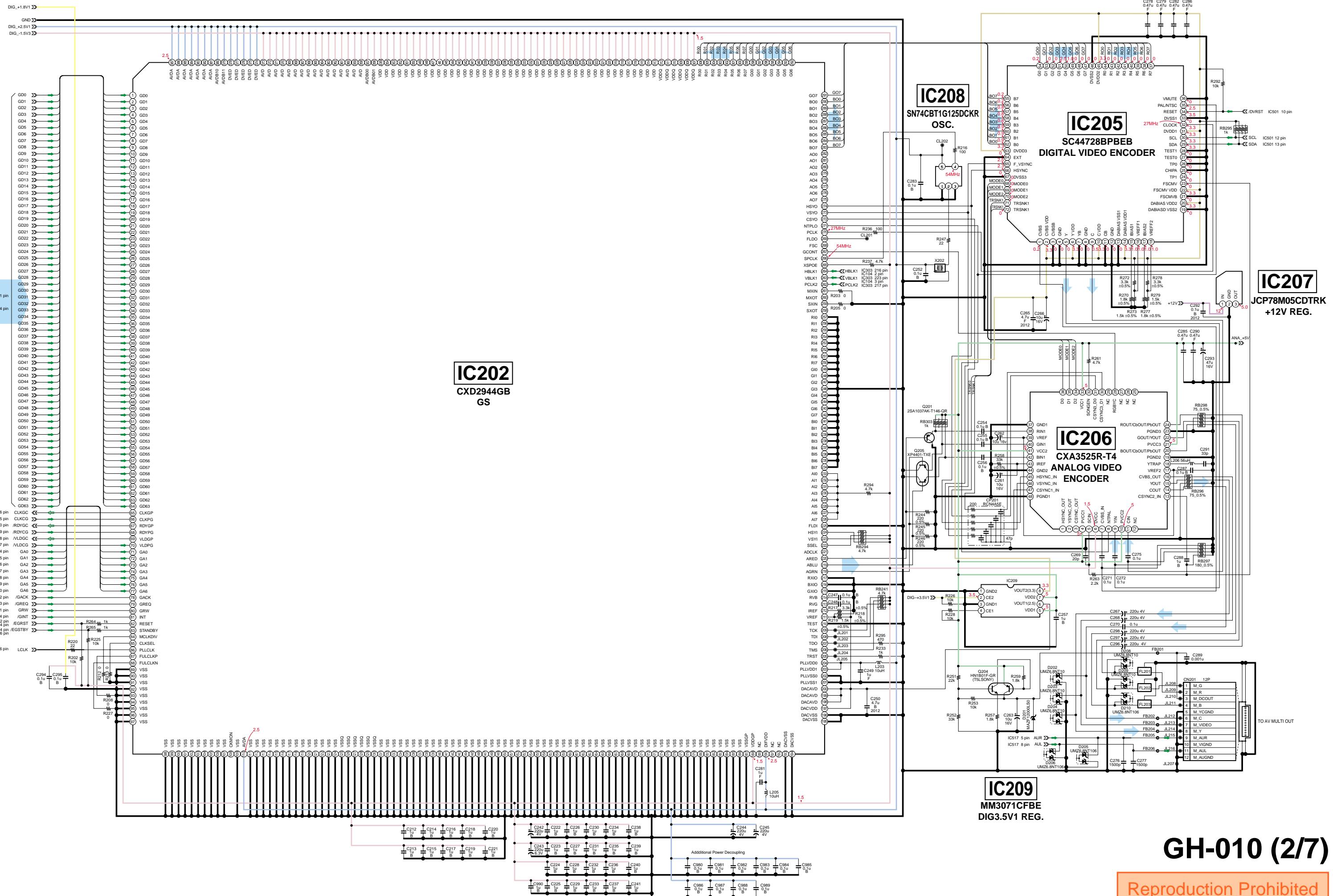
Unit of voltage is V (volt)

- |           |   |                      |   |
|-----------|---|----------------------|---|
| • +12V :  |  | • +3.3V :            |  |
| • +8.0V : |  | • +2.5V :            |  |
| • +5.0V : |  | • +1.8V :            |  |
| • +3.5V : |  | • +1.7V :            |  |
| • +3.4V : |  | • +1.5V :            |  |
| • IN :    |  | • Main Signal Line : |  |
| • OUT :   |  |                      |   |



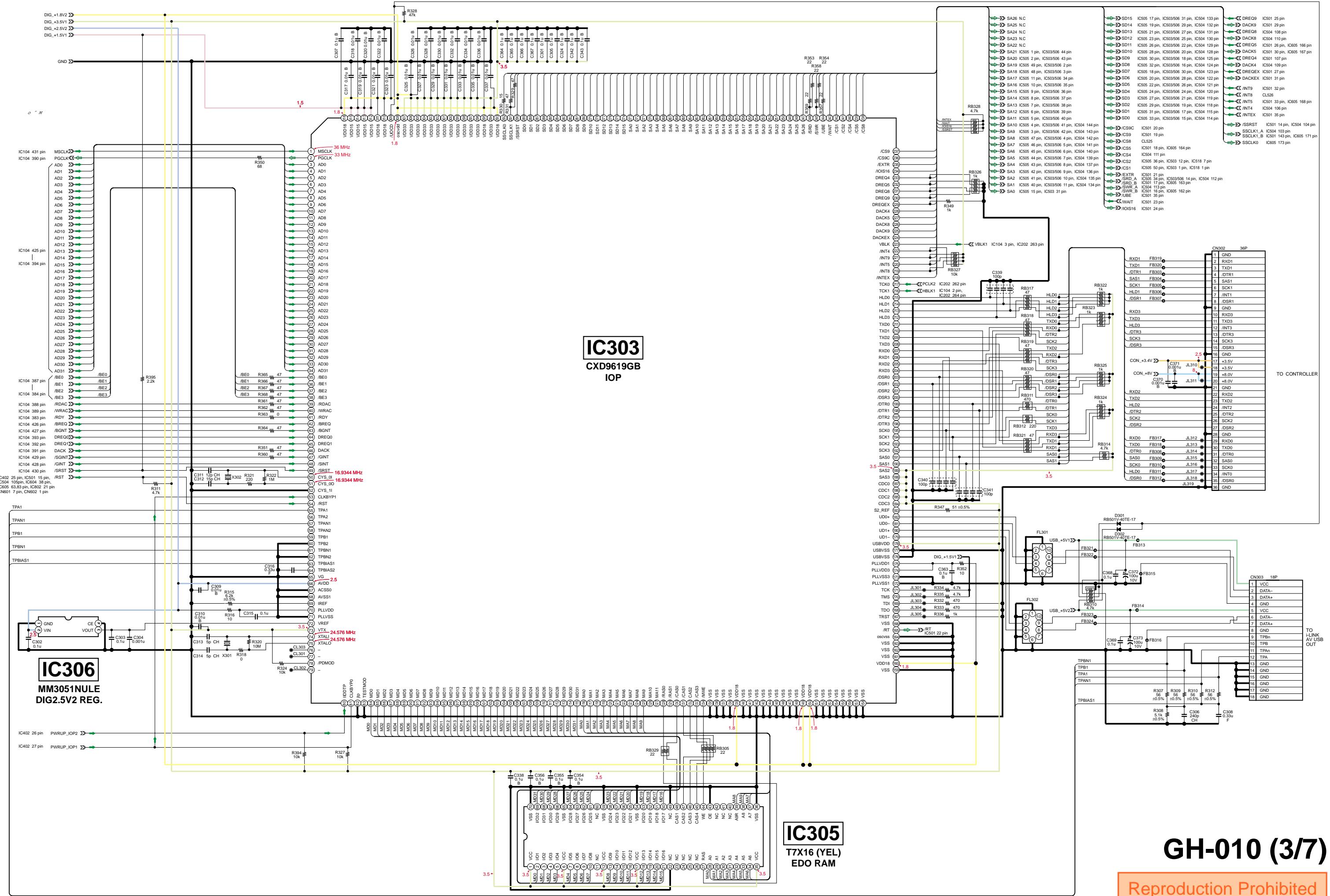
**GH-010 (1/7)**

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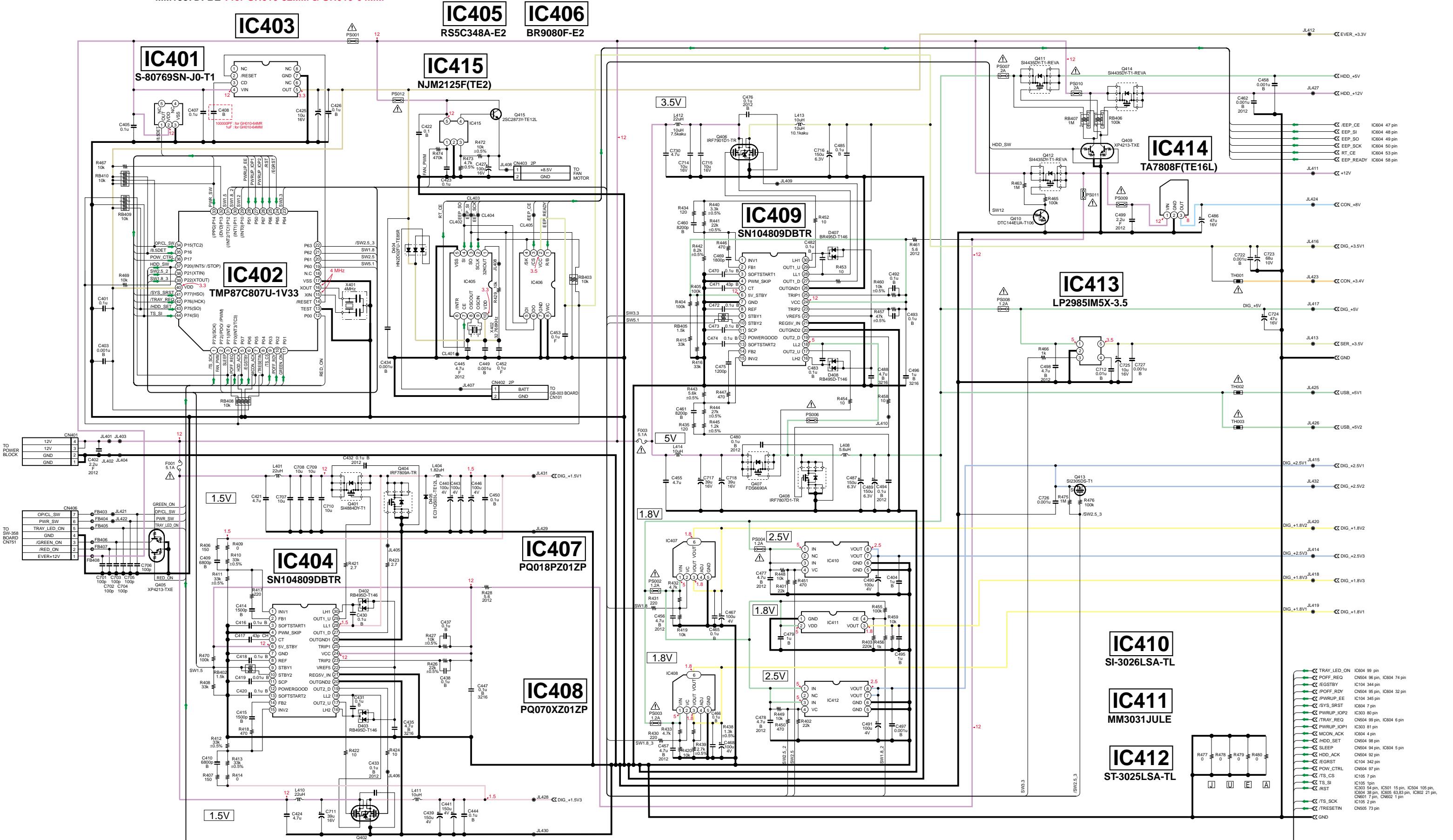


GH-010 (2/7)

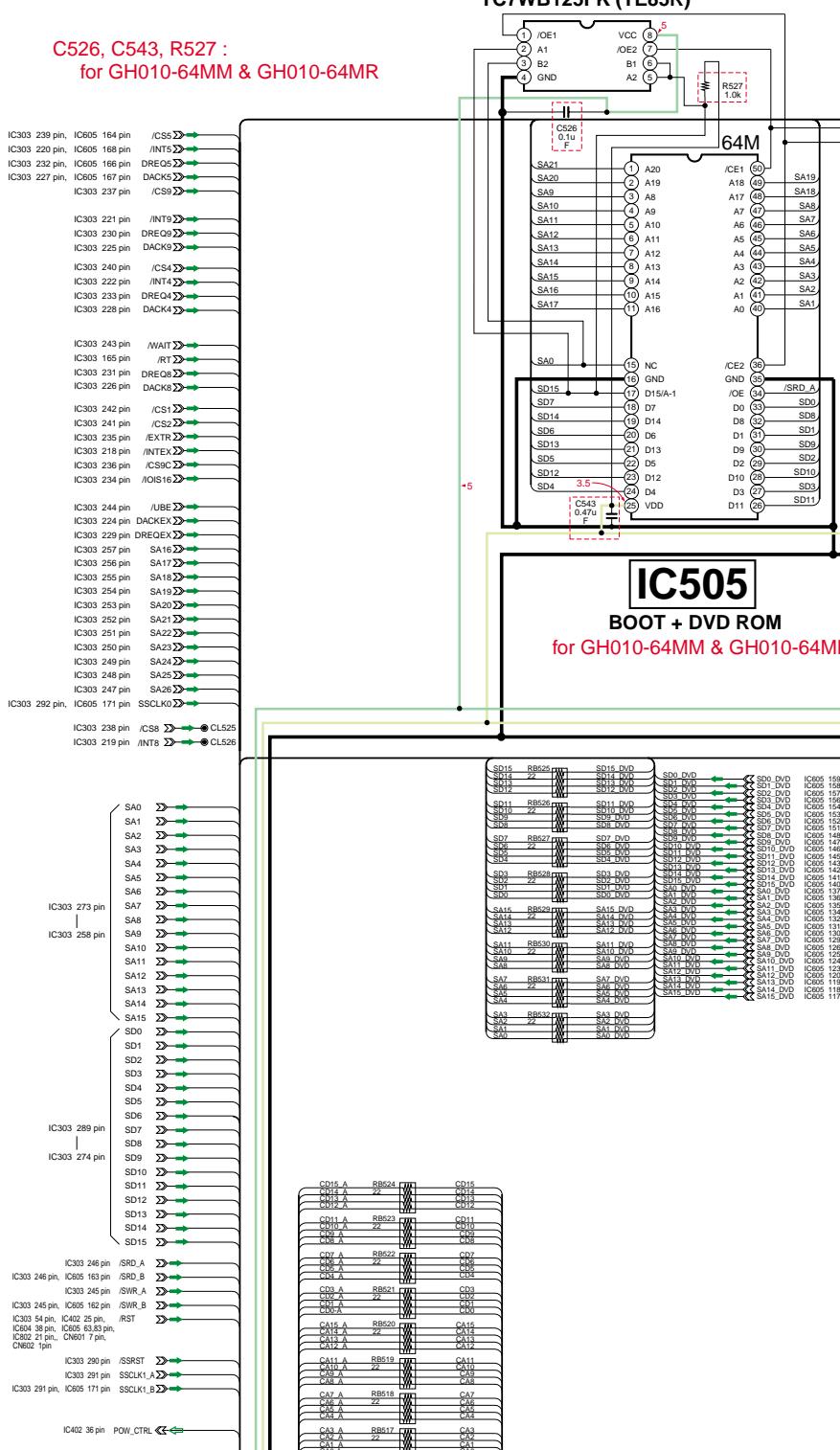
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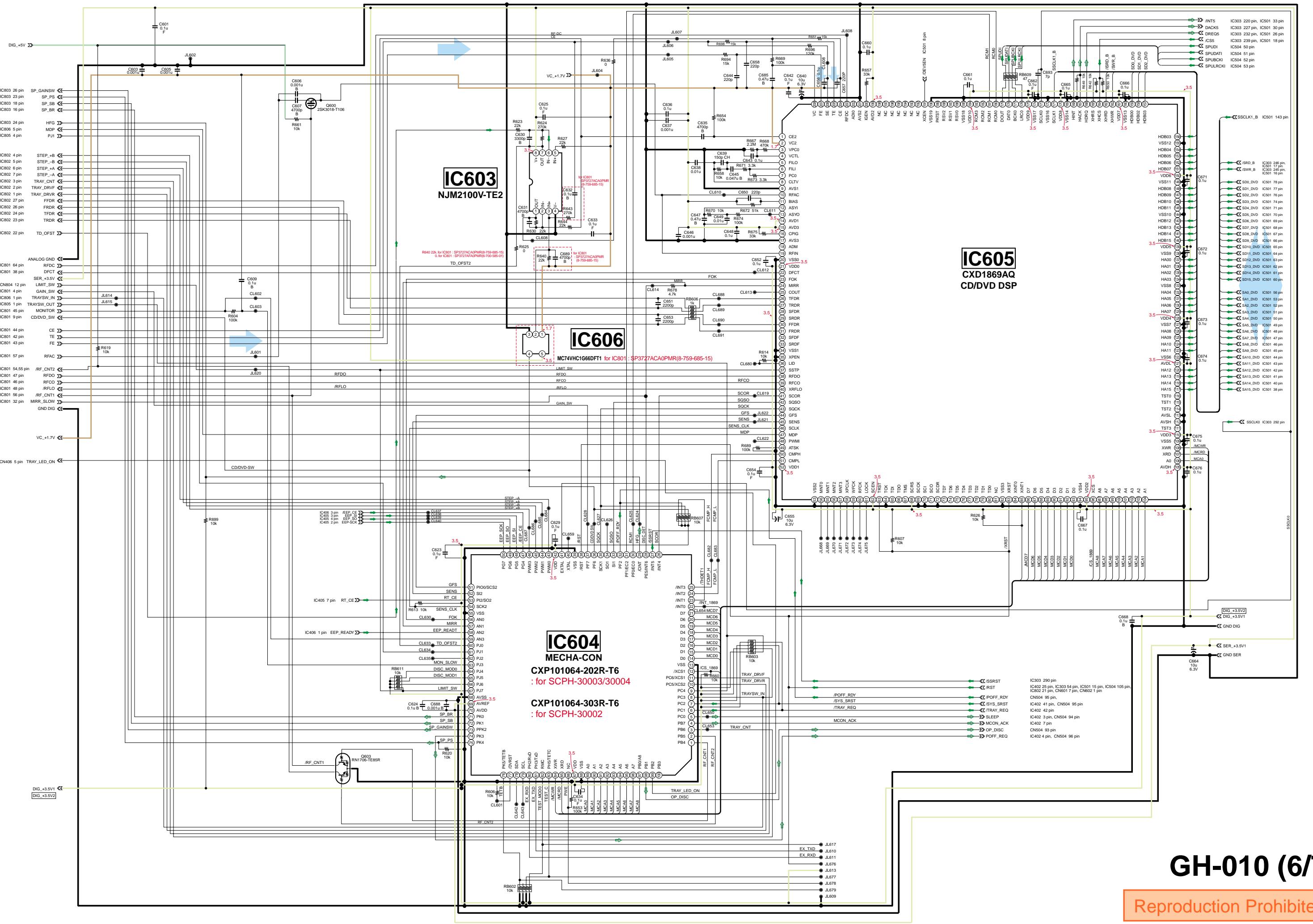
**BD3992F-E2** : for GH010-64MR  
**MM1537DFBE** : for GH010-32MM & GH010-64MM

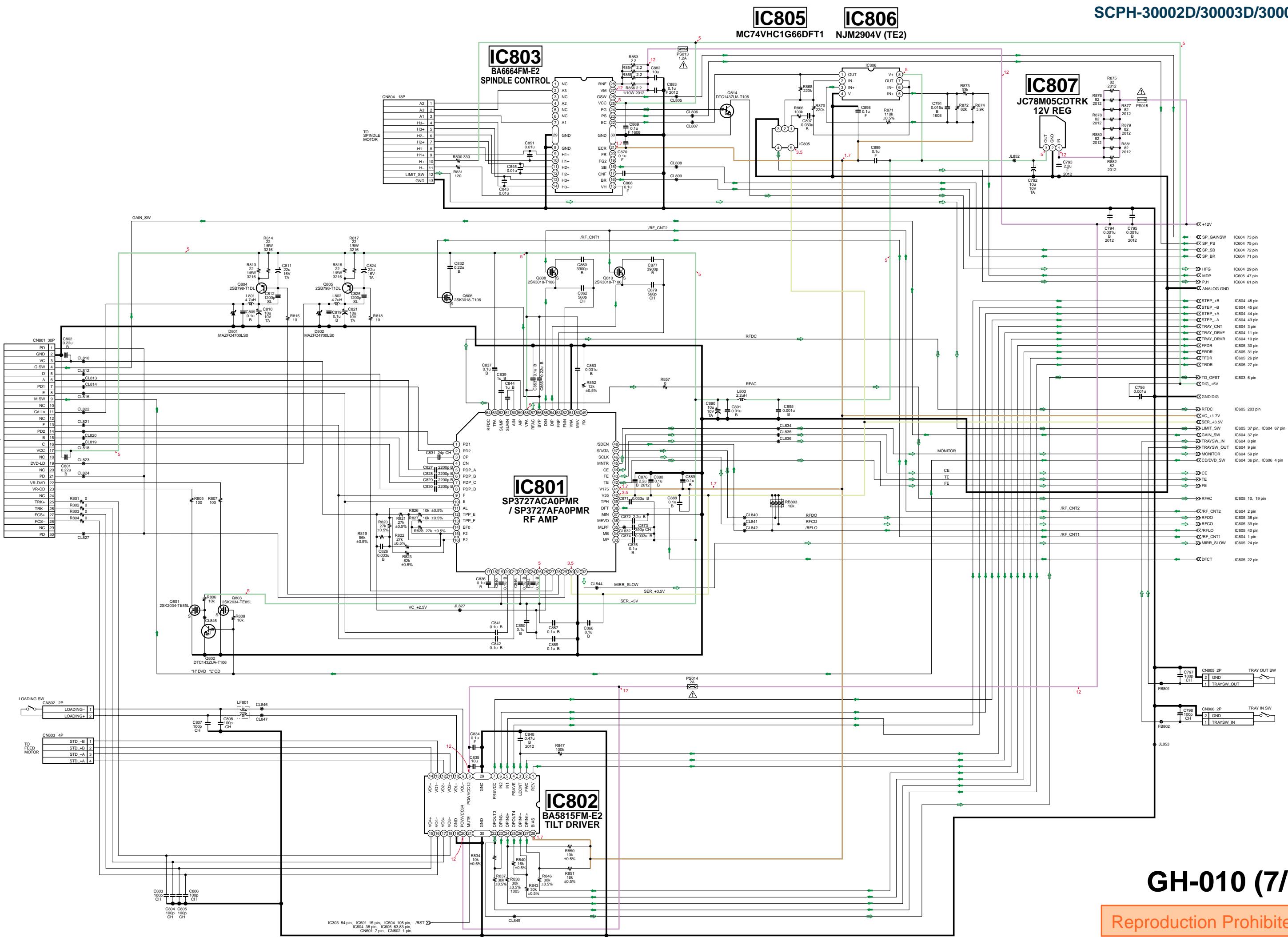


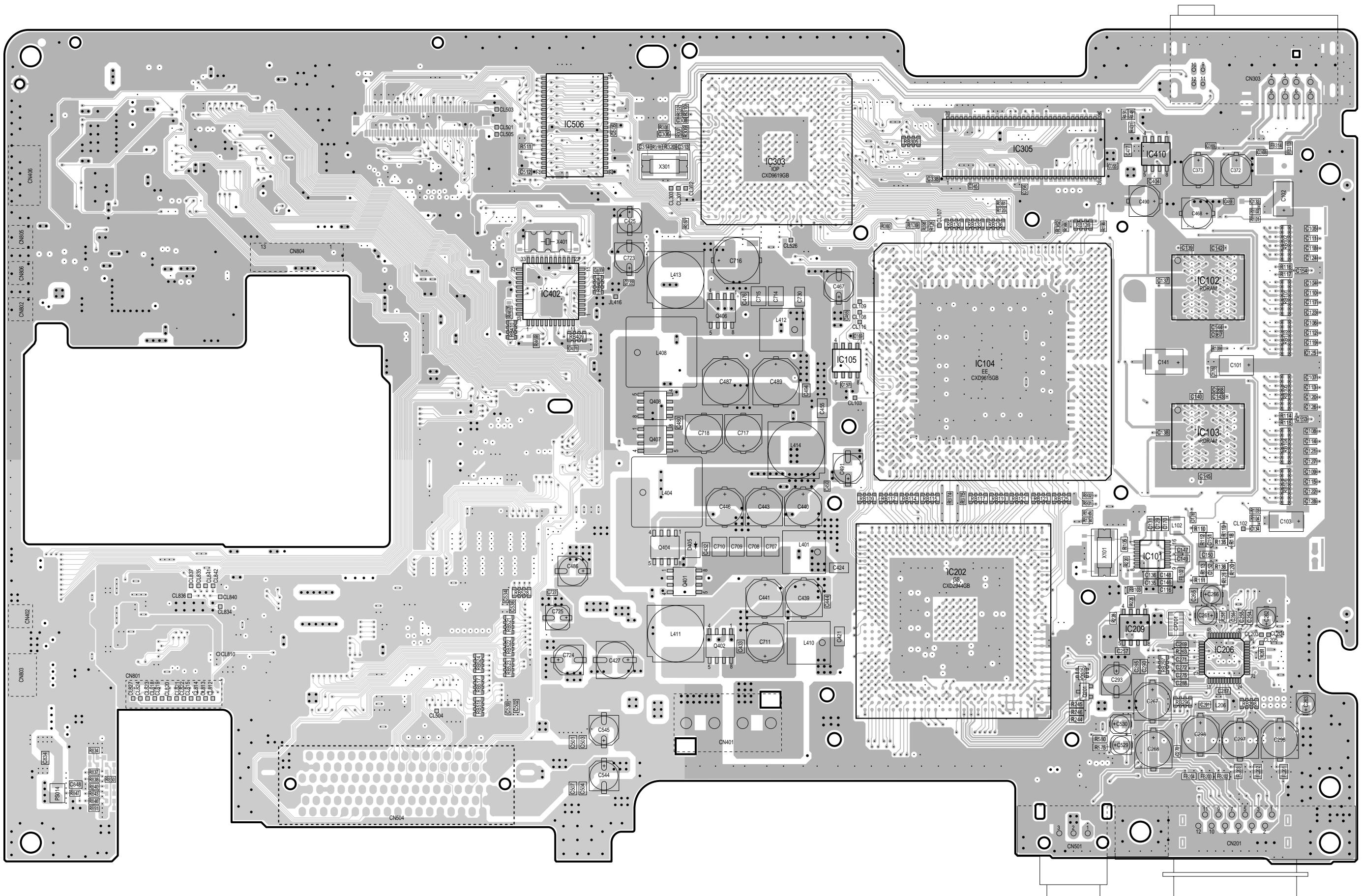
# GH-010 (4/7)

C526, C543, R527 :  
for GH010-64MM & GH010-64MR**IC503**  
BOOT ROM**IC506**  
DVD ROM**IC502**  
SDMN18165CTM6S  
DRAM**IC504**  
CXD2942AR  
SPU2**IC505**  
BOOT + DVD ROM  
for GH010-64MM & GH010-64MRC505, C512, R510, R511 :  
for GH010-32MM & GH010-32MR**IC501**  
CXD9611AR  
HDD CONTROLLER**IC517**  
CS4335-KS  
AUDIO DUC**GH-010 (5/7)**

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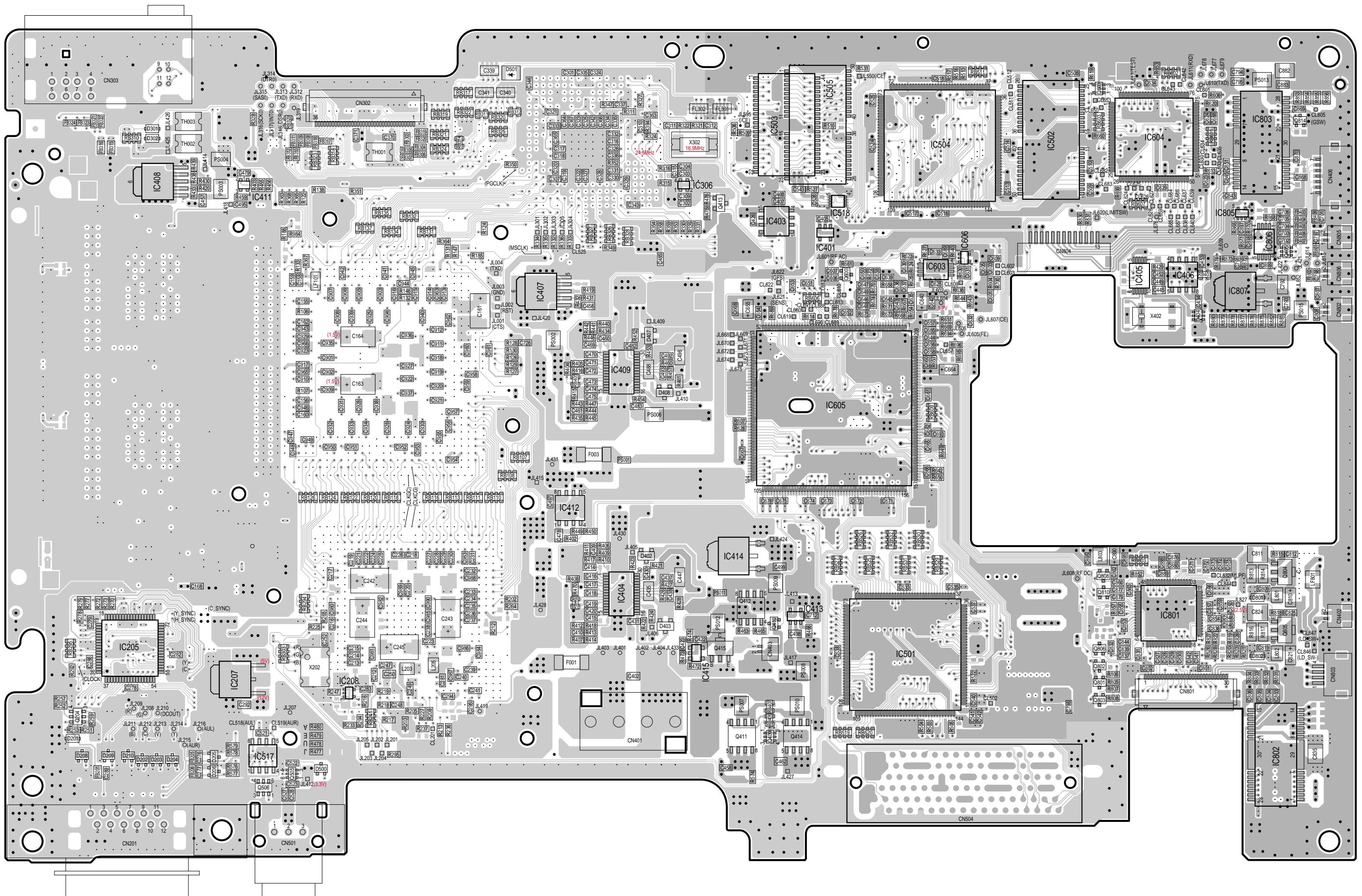


**GH-010**

A side

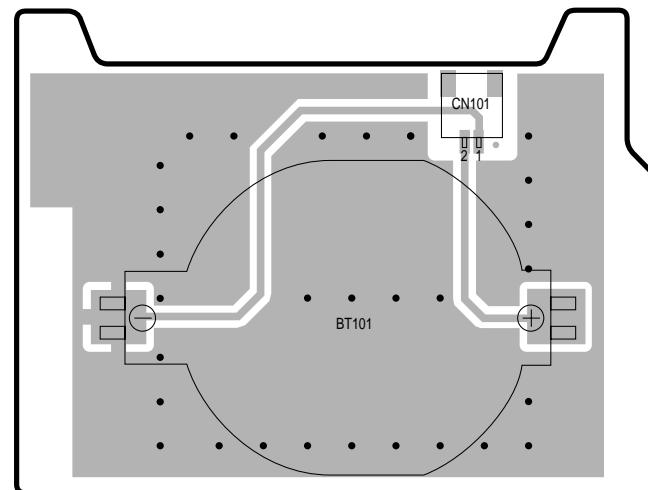
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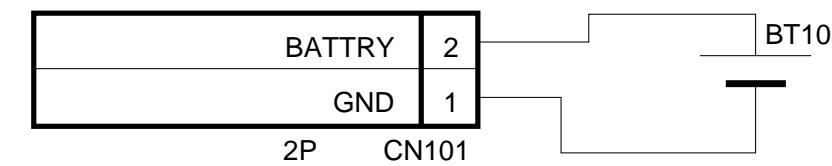


GH-010

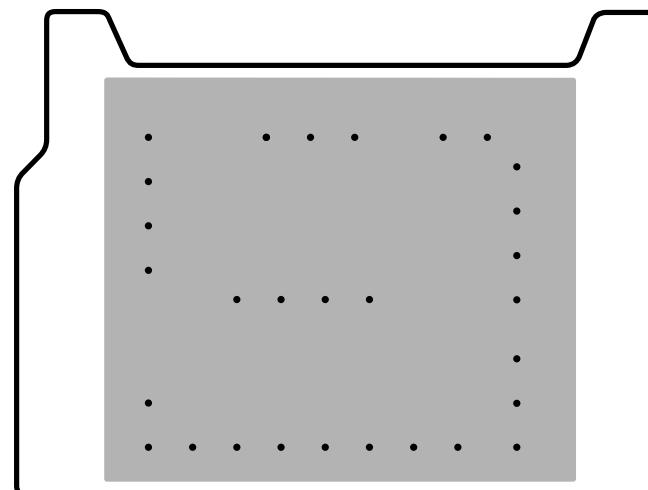
B side



**GB-003**  
A side

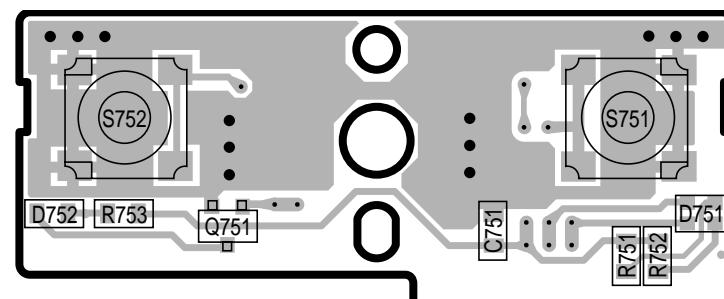


**GB-003**  
A side

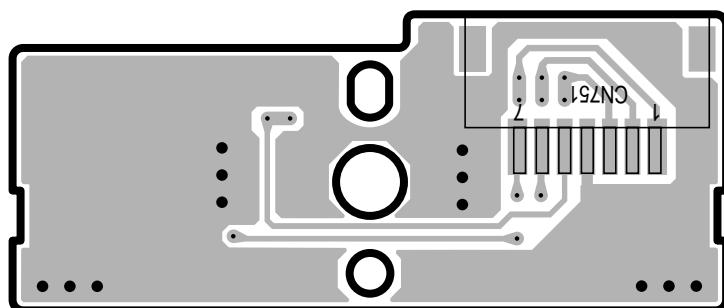


**GB-003**  
B side

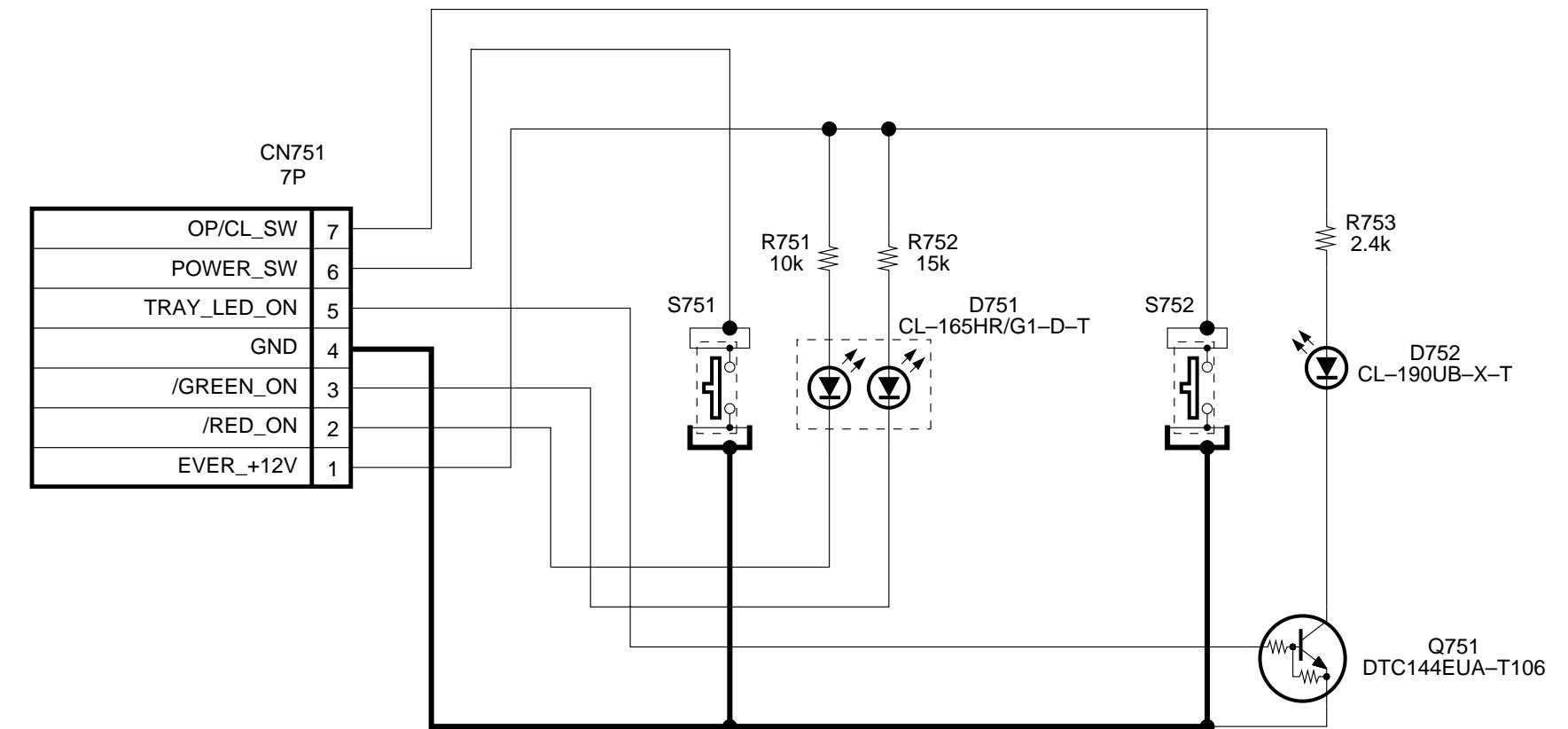
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**SW-358**  
A side



**SW-358**  
B side



**SW-358**

## SECTION 5 ELECTRICAL PARTS LIST for SCPH-30002D/30003D/30004D GH010 MOUNT

**NOTE :**  
 • Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.  
 • -XX and -X mean standardized parts, so they may have some difference from the original one.

METAL : Metal-film resistor.  
 F : nonflammable  
 Unit is  $\Omega$ .

- SEMICONDUCTORS  
 In each case, u :  $\mu$ , for example :  
 uA ... :  $\mu$ A ... uPA ... :  $\mu$ PA ...  
 uPB ... :  $\mu$ PB ... uPC ... :  $\mu$ PC ... uPD ... :  $\mu$ PD ...
- CAPACITORS  
 uF :  $\mu$ F
- COILS  
 uH :  $\mu$ H

The components identified by mark  $\triangle$  or dotted line with mark.  $\triangle$  are critical for safety.  
 Replace only with part number specified.

When indicating parts by reference number, please include the board.

### Ref. Part No. Description

#### Dissimilarity Parts

for SCPH-30002 GH010-64MM	*****
C408 1-125-837-91	CAP, CHIP CERAMIC 1MF B (1608)
C526 1-164-156-91	CAP, CHIP CERAMIC 0.1MF F (1608)
C543 1-113-619-91	CAP, CERAMIC 470000PF F (1608)
IC403 8-759-688-08	IC MM1537DFBE
IC505 6-800-199-01	IC TC5364200FT-PA07
IC518 8-759-680-49	IC TC7WB125FK(TE85R)
IC604 8-752-922-01	IC CXP101064-303R-T6
R527 1-216-821-91	RES, CHIP 1.0K (1608)

for SCPH-30002 GH010-64MR	*****
C408 1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C526 1-164-156-91	CAP, CHIP CERAMIC 0.1MF F (1608)
C543 1-113-619-91	CAP, CERAMIC 470000PF F (1608)
IC403 6-700-234-01	IC BD3992F-E2
IC505 6-800-199-01	IC TC5364200FT-PA07
IC518 8-759-680-49	IC TC7WB125FK(TE85R)
IC604 8-752-922-02	IC CXP101064-303R-T7
R527 1-216-821-91	RES, CHIP 1.0K (1608)

for SCPH-30003/-30004 GH010-32MM	*****
C408 1-125-837-91	CAP, CHIP CERAMIC 1MF B (1608)
C505 1-113-619-91	CAP, CERAMIC 470000PF F (1608)
C512 1-113-619-91	CAP, CERAMIC 470000PF F (1608)
IC403 8-759-688-08	IC MM1537DFBE
IC503 6-800-197-01	IC MR27V3202F-A7TPZ
IC506 6-800-198-01	IC MR27V1602E-74TPZ
IC604 8-752-921-99	IC CXP101064-202R-T6

R510 1-216-864-91	CONDUCTOR, CHIP (1608)
R511 1-216-864-91	CONDUCTOR, CHIP (1608)
for SCPH-30003/-30004 GH010-64MM	*****
C408 1-125-837-91	CAP, CHIP CERAMIC 1MF B (1608)
C526 1-164-156-91	CAP, CHIP CERAMIC 0.1MF F (1608)
C543 1-113-619-91	CAP, CERAMIC 470000PF F (1608)
IC403 8-759-688-08	IC MM1537DFBE
IC505 6-800-196-01	IC TC5364200FT-PA06
IC518 8-759-680-49	IC TC7WB125FK(TE85R)
IC604 8-752-921-99	IC CXP101064-202R-T6
R527 1-216-821-91	RES, CHIP 1.0K (1608)

### Ref. Part No. Description

#### for SCPH-30003/-30004 GH010-64MR

*****
C408 1-107-826-91
C526 1-164-156-91
C543 1-113-619-91
IC403 6-700-234-01

#### for IC801 : SP3727ACA0PMR(8-7529-685-15)

#### \*\*\*\*\*

C632 1-107-826-91	CAP, CHIP CERAMIC 100000PF
C689 1-162-968-91	CAP, CHIP CERAMIC 100000PF
IC606 8-759-712-38	IC HD74HC1G66CME
IC606 8-759-712-63	IC MC74VHC1G66DFT1
IC801 8-7529-685-15	IC SP3727ACA0PMR
R640 1-216-837-91	RES, CHIP 22K (1608)
R643 1-216-850-91	RES, CHIP 270K (1608)

#### for IC801:SP3727AFA0PMR(6-700-585-01)

#### \*\*\*\*\*

IC801 6-700-585-01	IC SP3727AFA0PMR
R640 1-216-864-91	CONDUCTOR, CHIP(1608)

#### Common Parts

#### <CAPACITOR>

C101 1-128-964-91	CAP, CHIP TANTALUM ELECT 100MF
C102 1-128-964-91	CAP, CHIP TANTALUM ELECT 100MF
C103 1-128-964-91	CAP, CHIP TANTALUM ELECT 100MF
C104 1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C105 1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C106 1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C107 1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C108 1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C109 1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C110 1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C111 1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C112 1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C113 1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C114 1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C115 1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C116 1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C117 1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C118 1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C119 1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C120 1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C121 1-107-826-91	CAP, CHIP CERAMIC 100000PF B

### Ref. Part No. Description

C122 1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C123 1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C124 1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C125 1-107-826-91	CAP, CHIP CERAMIC 100000PF B

C126 1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C127 1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C128 1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C129 1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C131 1-162-970-91	CAP, CERAMIC 100000PF B

C132 1-125-777-81	CAP, CHIP CERAMIC 0.1MF B
C134 1-125-777-81	CAP, CHIP CERAMIC 0.1MF B
C135 1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C136 1-162-964-91	CAP, CHIP CERAMIC 100000PF B
C137 1-107-826-91	CAP, CHIP CERAMIC 100000PF B

C138 1-107-826-91	CAP, CHIP CERAMIC 100000PF B




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Ref.	Part No.	Description	Ref.	Part No.	Description	Ref.	Part No.	Description	Ref.	Part No.	Description				
C311	1-162-916-91	CAP, CERAMIC 12PF CH	(1608)	C424	1-127-820-91	CAP, SQUARE TYPE CHIP 4.7MF	C504	1-164-346-91	CAP, CHIP CERAMIC 1MF F	(2012)	C657	1-164-230-91	CAP, CERAMIC 220PF CH	(1608)	
C312	1-162-917-91	CAP, CERAMIC 15PF CH	(1608)	C425	1-124-779-21	CAP, ELECT 10MF	C507	1-163-009-91	CAP, CHIP CERAMIC 1000PF B	(2012)	C658	1-164-230-91	CAP, CERAMIC 220PF CH	(1608)	
C313	1-162-910-91	CAP, CERAMIC 5.0PF CH	(1608)	C426	1-107-826-91	CAP, CHIP CERAMIC 10000PF B	C508	1-113-619-91	CAP, CERAMIC 470000PF F	(1608)	C660	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	(1608)	
C314	1-162-910-91	CAP, CERAMIC 5.0PF CH	(1608)	C430	1-107-826-91	CAP, CHIP CERAMIC 10000PF B	C509	1-113-619-91	CAP, CERAMIC 470000PF F	(1608)	C661	1-164-360-91	CAP, CERAMIC 0.1MF F	(1608)	
C315	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	(1608)	C431	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C510	1-113-619-91	CAP, CERAMIC 470000PF F	(1608)	C662	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F	(1608)	
C316	1-165-112-91	CAP, CERAMIC 330000PF F	(1608)	C432	1-115-339-91	CAP, CERAMIC 0.1MF B	(2012)	C513	1-113-619-91	CAP, CERAMIC 470000PF F	(1608)	C664	1-135-259-91	CAP, CHIP TANTALUM ELECT 10MF	
C317	1-162-970-91	CAP, CERAMIC 10000PF B	(1608)	C433	1-115-339-91	CAP, CERAMIC 0.1MF B	(2012)	C514	1-113-619-91	CAP, CERAMIC 470000PF F	(1608)	C665	1-164-360-91	CAP, CERAMIC 0.1MF F	(1608)
C318	1-162-970-91	CAP, CERAMIC 10000PF B	(1608)	C434	1-162-964-91	CAP, CHIP CERAMIC 1000PF B	(1608)	C516	1-113-619-91	CAP, CERAMIC 470000PF F	(1608)	C666	1-164-360-91	CAP, CERAMIC 0.1MF F	(1608)
C319	1-162-970-91	CAP, CERAMIC 10000PF B	(1608)	C435	1-115-566-91	CAP, CERAMIC 4.7MF B	C517	1-113-619-91	CAP, CERAMIC 470000PF F	(1608)	C667	1-164-360-91	CAP, CERAMIC 0.1MF F	(1608)	
C320	1-162-970-91	CAP, CERAMIC 10000PF B	(1608)	C437	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C518	1-113-619-91	CAP, CERAMIC 470000PF F	(1608)	C668	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		
C321	1-162-970-91	CAP, CERAMIC 10000PF B	(1608)	C438	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C521	1-125-837-91	CAP, CHIP CERAMIC 1MF B	(1608)	C671	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F	(1608)	
C322	1-162-970-91	CAP, CERAMIC 10000PF B	(1608)	C439	1-135-593-21	CAP, ELECT 150MF	C522	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F	(1608)	C672	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F	(1608)	
C323	1-162-970-91	CAP, CERAMIC 10000PF B	(1608)	C440	1-135-592-21	CAP, ELECT 100MF	C523	1-107-726-91	CAP, CHIP CERAMIC 10000PF B	(1608)	C673	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F	(1608)	
C324	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	(1608)	C441	1-135-593-21	CAP, ELECT 150MF	C524	1-113-619-91	CAP, CERAMIC 470000PF F	(1608)	C674	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F	(1608)	
C325	1-162-970-91	CAP, CERAMIC 10000PF B	(1608)	C443	1-135-592-21	CAP, ELECT 100MF	C527	1-162-964-91	CAP, CHIP CERAMIC 1000PF B	(1608)	C675	1-164-360-91	CAP, CERAMIC 0.1MF F	(1608)	
C326	1-162-970-91	CAP, CERAMIC 10000PF B	(1608)	C444	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C528	1-128-008-21	CAP, ELECT (CHIP) 3.3MF	(1608)	C676	1-164-360-91	CAP, CERAMIC 0.1MF F	(1608)	
C327	1-162-970-91	CAP, CERAMIC 10000PF B	(1608)	C445	1-117-720-91	CAP, CERAMIC 4.7MF F	(2012)	C530	1-128-008-21	CAP, ELECT (CHIP) 3.3MF	(1608)	C685	1-117-863-91	CAP, CHIP CERAMIC 0.47MF B	(1608)
C328	1-162-970-91	CAP, CERAMIC 10000PF B	(1608)	C446	1-135-592-21	CAP, ELECT 100MF	C533	1-113-619-91	CAP, CERAMIC 470000PF F	(1608)	C688	1-162-964-91	CAP, CHIP CERAMIC 1000PF B	(1608)	
C329	1-162-970-91	CAP, CERAMIC 10000PF B	(1608)	C447	1-107-682-91	CAP, CERAMIC 1000000PF B	(3216)	C534	1-113-619-91	CAP, CERAMIC 470000PF F	(1608)	C693	1-162-912-91	CAP, CERAMIC 7.0PF CH	(1608)
C330	1-162-970-91	CAP, CERAMIC 10000PF B	(1608)	C449	1-162-964-91	CAP, CHIP CERAMIC 1000PF B	(1608)	C535	1-113-619-91	CAP, CERAMIC 470000PF F	(1608)	C701	1-162-927-91	CAP, CERAMIC 100PF CH	(1608)
C331	1-162-970-91	CAP, CERAMIC 10000PF B	(1608)	C450	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C536	1-113-619-91	CAP, CERAMIC 470000PF F	(1608)	C702	1-162-927-91	CAP, CERAMIC 100PF CH	(1608)	
C332	1-162-970-91	CAP, CERAMIC 10000PF B	(1608)	C452	1-164-360-91	CAP, CERAMIC 0.1MF F	(1608)	C537	1-113-619-91	CAP, CERAMIC 470000PF F	(1608)	C703	1-162-927-91	CAP, CERAMIC 100PF CH	(1608)
C333	1-162-970-91	CAP, CERAMIC 10000PF B	(1608)	C453	1-164-360-91	CAP, CERAMIC 0.1MF F	(1608)	C538	1-113-619-91	CAP, CERAMIC 470000PF F	(1608)	C704	1-162-927-91	CAP, CERAMIC 100PF CH	(1608)
C334	1-162-970-91	CAP, CERAMIC 10000PF B	(1608)	C455	1-127-820-91	CAP, SQUARE TYPE CHIP 4.7MF	C539	1-113-619-91	CAP, CERAMIC 470000PF F	(1608)	C705	1-162-927-91	CAP, CERAMIC 100PF CH	(1608)	
C335	1-162-970-91	CAP, CERAMIC 10000PF B	(1608)	C456	1-127-760-91	CAP, CERAMIC 4.7MF	(2012)	C540	1-113-619-91	CAP, CERAMIC 470000PF F	(1608)	C706	1-162-927-91	CAP, CERAMIC 100PF CH	(1608)
C336	1-162-970-91	CAP, CERAMIC 10000PF B	(1608)	C457	1-127-760-91	CAP, CERAMIC 4.7MF	(2012)	C541	1-113-619-91	CAP, CERAMIC 470000PF F	(1608)	C707	1-127-692-91	CAP, CHIP CERAMIC 10MF B	(3225)
C337	1-162-970-91	CAP, CERAMIC 10000PF B	(1608)	C458	1-162-964-91	CAP, CHIP CERAMIC 1000PF B	(1608)	C542	1-162-927-91	CAP, CERAMIC 100PF CH	(1608)	C708	1-127-692-91	CAP, CHIP CERAMIC 10MF B	(3225)
C338	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C460	1-164-174-91	CAP, CERAMIC 8200PF B	(1608)	C544	1-137-765-21	CAP, ELECT 47MF		C709	1-127-692-91	CAP, CHIP CERAMIC 10MF B	(3225)
C339	1-125-764-61	CAP, CHIP CERAMIC 100PF CH		C461	1-164-174-91	CAP, CERAMIC 8200PF B	(1608)	C545	1-137-765-21	CAP, ELECT 47MF		C710	1-127-692-91	CAP, CHIP CERAMIC 10MF B	(3225)
C340	1-125-764-61	CAP, CHIP CERAMIC 100PF CH		C462	1-163-009-91	CAP, CHIP CERAMIC 1000PF B	(2012)	C601	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F	(1608)	C711	1-135-346-21	CAP, SOLID ELECT 39MF	
C341	1-125-764-61	CAP, CHIP CERAMIC 100PF CH		C465	1-125-777-81	CAP, CHIP CERAMIC 0.1MF B	(1005)	C603	1-162-964-91	CAP, CHIP CERAMIC 1000PF B	(1608)	C712	1-162-970-91	CAP, CERAMIC 10000PF B	(1608)
C342	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C466	1-125-777-81	CAP, CHIP CERAMIC 0.1MF B	(1005)	C605	1-162-964-91	CAP, CHIP CERAMIC 1000PF B	(1608)	C714	1-127-692-91	CAP, CHIP CERAMIC 10MF B	(3225)
C343	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C467	1-126-209-21	CAP, ELECT 100MF	C606	1-162-964-91	CAP, CHIP CERAMIC 1000PF B	(1608)	C715	1-127-692-91	CAP, CHIP CERAMIC 10MF B	(3225)	
C344	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C468	1-126-209-21	CAP, ELECT 100MF	C607	1-162-968-91	CAP, CHIP CERAMIC 4700PF B	(1608)	C716	1-131-999-21	CAP, SOLID ELECT 150MF		
C345	1-125-777-81	CAP, CHIP CERAMIC 0.1MF B	(1005)	C469	1-162-977-91	CAP, CERAMIC 1800PF B	C609	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C717	1-135-346-21	CAP, SOLID ELECT 39MF		
C346	1-125-777-81	CAP, CHIP CERAMIC 0.1MF B	(1005)	C470	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C623	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F	(160					

Ref.	Part No.	Description	Ref.	Part No.	Description	Ref.	Part No.	Description	Ref.	Part No.	Description	
C826	1-164-677-91	CAP, CERAMIC 33000PF B	(1608)	C914	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	CN201	1-815-631-11	CONNECTOR, SQUARE TYPE 12P	FB312	1-414-555-21	FERRITE, EMI (SMD)
C827	1-162-966-91	CAP, CERAMIC 2200PF B	(1608)	C915	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	CN302	1-794-206-21	CONNECTOR, FFC/FPC (ZIF) 36P	FB313	1-469-324-21	FERRITE, EMI (SMD)
C828	1-162-966-91	CAP, CERAMIC 2200PF B	(1608)	C916	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	CN303	1-694-822-11	TERMINAL BOARD (ILINK/USB)	FB314	1-469-324-21	FERRITE, EMI (SMD)
C829	1-162-966-91	CAP, CERAMIC 2200PF B	(1608)	C917	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	CN401	1-815-630-11	PIN, CONNECTOR 4P	FB315	1-469-324-21	FERRITE, EMI (SMD)
C830	1-162-966-91	CAP, CERAMIC 2200PF B	(1608)	C918	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	CN402	1-815-648-21	PIN, CONNECTOR (PC BOARD)	FB316	1-469-324-21	FERRITE, EMI (SMD)
C831	1-162-975-91	CAP, CERAMIC 24PF CH	(1608)	C919	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	CN403	1-784-650-21	CONNECTOR 2P	FB317	1-469-110-21	FERRITE, EMI (SMD)
C832	1-115-467-91	CAP, CHIP CERAMICO.22MF B	(1608)	C920	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	CN406	1-815-653-21	CONNECTOR, FFC/FPC (ZIF) 7P	FB318	1-469-110-21	FERRITE, EMI (SMD)
C834	1-163-038-91	CAP, CERAMIC 100000PF F	(2012)	C921	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	CN501	1-476-736-11	TRANSMITTER UNIT, LIGHT	FB319	1-469-110-21	FERRITE, EMI (SMD)
C835	1-127-692-91	CAP, CHIP CERAMIC 10MF B	(3225)	C922	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	CN504	1-815-632-11	CONNECTOR BOARD TO BOARD 110P	FB320	1-469-110-21	FERRITE, EMI (SMD)
C836	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C923	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	CN801	1-794-237-21	CONNECTOR, FFC/FPC 30P	FB321	1-469-110-21	FERRITE, EMI (SMD)
C837	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C924	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	CN802	1-770-619-41	PIN, CONNECTOR 2P	FB322	1-469-110-21	FERRITE, EMI (SMD)
C839	1-125-837-91	CAP, CHIP CERAMIC 1MF B	(1608)	C925	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	CN803	1-779-206-21	CONNECTOR, FFC (LIF(NON-ZIF)) 4P	FB323	1-469-110-21	FERRITE, EMI (SMD)
C840	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C926	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	CN804	1-794-194-21	CONNECTOR, FFC/FPC 13P	FB324	1-469-110-21	FERRITE, EMI (SMD)
C841	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C927	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	CN805	1-770-619-21	PIN, CONNECTOR 2P	FB403	1-469-667-21	FERRITE, EMI (SMD)
C842	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C928	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	CN806	1-770-619-81	PIN, CONNECTOR 2P	FB404	1-469-667-21	FERRITE, EMI (SMD)
C843	1-162-970-91	CAP, CERAMIC 10000PF B	(1608)	C929	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	CP201	1-234-605-21	NETWORK, RC	FB405	1-469-667-21	FERRITE, EMI (SMD)
C844	1-125-837-91	CAP, CHIP CERAMIC 1MF B	(1608)	C930	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	<DIODE>	FB406	1-469-667-21	FERRITE, EMI (SMD)		
C845	1-162-970-91	CAP, CERAMIC 10000PF B	(1608)	C931	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D201	8-719-065-78	DIODE MAZF12000LS0	FB407	1-469-667-21	FERRITE, EMI (SMD)
C846	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C932	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D202	8-719-064-61	DIODE 01BZA8.2 (TE85L)	FB408	1-469-667-21	FERRITE, EMI (SMD)
C848	1-107-823-91	CAP, CERAMIC 470000PF B	(2012)	C933	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D203	8-719-064-61	DIODE 01BZA8.2 (TE85L)	FB801	1-469-562-21	FERRITE, EMI (SMD)
C850	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C934	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D204	8-719-064-61	DIODE 01BZA8.2 (TE85L)	FB802	1-469-562-21	FERRITE, EMI (SMD)
C851	1-162-970-91	CAP, CERAMIC 10000PF B	(1608)	C935	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D205	8-719-064-61	DIODE 01BZA8.2 (TE85L)	<FILTER>		
C853	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C936	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D206	8-719-064-61	DIODE 01BZA8.2 (TE85L)	FL201	1-469-991-21	EMI FILTER (SMD)
C854	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C937	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D207	8-719-064-61	DIODE 01BZA8.2 (TE85L)	FL202	1-469-991-21	EMI FILTER (SMD)
C855	1-115-467-91	CAP, CHIP CERAMICO.22MF B	(1608)	C938	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D208	8-719-064-61	DIODE 01BZA8.2 (TE85L)	FL203	1-469-991-21	EMI FILTER (SMD)
C857	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C939	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D209	8-719-064-61	DIODE 01BZA8.2 (TE85L)	FL301	1-234-601-21	NETWORK, RC (USB)
C859	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C940	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D210	8-719-064-61	DIODE 01BZA8.2 (TE85L)	FL302	1-234-601-21	NETWORK, RC (USB)
C860	1-164-173-91	CAP, CERAMIC 3900PF B	(1608)	C941	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D211	8-719-071-87	DIODE MA785-(TX),SO	(3216)		
C862	1-164-739-91	CAP, CERAMIC 560PF CH	(1608)	C942	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D212	8-719-071-87	DIODE MA785-(TX),SO	<IC>		
C863	1-162-964-91	CAP, CHIP CERAMIC 1000PF B	(1608)	C943	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D213	8-719-071-87	DIODE MA785-(TX),SO	IC101	8-759-831-20	IC CY2212ZC-2T
C866	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C944	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D214	8-719-071-87	DIODE MA785-(TX),SO	IC101	8-759-834-04	IC SN104971APWR
C868	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F	(1608)	C945	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D215	8-719-071-87	DIODE MA785-(TX),SO	IC102	6-800-080-01	IC TC59RM716GB-8DYELZ
C869	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F	(1608)	C946	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D216	8-719-071-87	DIODE MA785-(TX),SO	IC102	8-759-666-89	IC TC59RM716GB-8(YEL)
C870	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F	(1608)	C947	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D217	8-719-074-34	DIODE RB495D-T146	IC102	8-759-837-33	IC K4R271669A-SCK8T00
C871	1-164-677-91	CAP, CERAMIC 33000PF B	(1608)	C948	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D218	8-719-074-34	DIODE RB495D-T146	IC103	6-800-080-01	IC TC59RM716GB-8DYELZ
C872	1-115-467-91	CAP, CHIP CERAMICO.22MF B	(1608)	C949	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D219	8-719-033-15	DIODE HN2D02F2U-TE85R	IC103	8-759-666-89	IC TC59RM716GB-8(YEL)
C873	1-164-392-91	CAP, CERAMIC 3900PF CH	(1608)	C950	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D220	8-719-078-04	DIODE EC31QS03L-TE12L	IC103	8-759-837-33	IC K4R271669A-SCK8T00
C874	1-164-677-91	CAP, CERAMIC 33000PF B	(1608)	C951	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D221	8-719-074-34	DIODE RB495D-T146	IC104	6-800-080-01	IC CXD9615GB
C875	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C952	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D222	8-719-074-34	DIODE RB495D-T146	IC104	8-759-699-09	IC CXD9615GB
C876	1-125-838-91	CAP, CHIP CERAMIC 2.2MF B	(2012)	C953	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D223	8-719-941-21	DIODE DAP202UT106	IC105	8-759-689-90	IC LM74CIMX-3
C877	1-164-173-91	CAP, CERAMIC 3900PF B	(1608)	C954	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D224	8-71				

Ref.	Part No.	Description	Ref.	Part No.	Description	Ref.	Part No.	Description	Ref.	Part No.	Description	
IC413	6-700-233-01	IC MM1573ZNLE	Q204	8-729-049-77	TRANSISTOR HN1B01F-GR (T5LSONY)	R138	1-216-864-91	CONDUCTOR, CHIP	(1608)	R331	1-216-805-91	RES, CHIP 47
IC413	8-759-598-12	IC LP2985IM5X-3.5	Q205	8-729-013-22	TRANSISTOR HN1A01FU-TE85R	R139	1-216-801-91	RES, CHIP 22	(1608)	R332	1-216-817-91	RES, CHIP 470
IC414	8-759-069-41	IC TA7808F(TE16L)	Q401	8-729-055-58	TRANSISTOR SI4894DY-T1	R145	1-218-953-81	RES, CHIP 1.0K	(1608)	R333	1-216-817-91	RES, CHIP 470
IC414	8-759-473-16	IC BA17808FP-E2	Q402	8-729-053-80	TRANSISTOR SI4830DY-T1	R146	1-216-821-91	RES, CHIP 1.0K	(1608)	R334	1-216-829-91	RES, CHIP 4.7K
IC414	8-759-697-62	IC NJM7808DL1A(TE1)	Q404	8-729-052-07	TRANSISTOR HAT2064R-EL	R147	1-216-821-91	RES, CHIP 1.0K	(1608)	R335	1-216-829-91	RES, CHIP 4.7K
IC415	8-759-581-11	IC NJM2125F(TE2)	Q405	8-729-427-47	TRANSISTOR XP4213-TXE	R185	1-216-829-91	RES, CHIP 4.7K	(1608)	R336	1-216-821-91	RES, CHIP 1.0K
IC501	6-700-231-01	IC CXD9611AR	Q406	8-729-053-80	TRANSISTOR SI4830DY-T1	R188	1-216-829-91	RES, CHIP 4.7K	(1608)	R347	1-211-986-91	RES, CHIP 51
IC501	8-759-699-10	IC CXD9611R	Q407	8-729-046-04	TRANSISTOR FDS6690A	R196	1-218-933-81	RES, CHIP 22	(1608)	R349	1-216-821-91	RES, CHIP 1.0K
IC502	8-759-712-79	IC K4E151612D-TL50T00	Q408	8-729-051-61	TRANSISTOR IRF7807D1-TR	R202	1-216-833-91	RES, CHIP 10K	(1608)	R350	1-216-807-91	RES, CHIP 68
IC502	8-759-712-80	IC MT4LC1M16E5TG-5TR	Q409	8-729-427-47	TRANSISTOR XP4213-TXE	R203	1-216-864-91	CONDUCTOR, CHIP	(1608)	R351	1-216-805-91	RES, CHIP 47
IC502	8-759-712-81	IC GM71V18163CT-5	Q410	8-729-013-97	TRANSISTOR RN1304-TE85L	R205	1-216-864-91	CONDUCTOR, CHIP	(1608)	R352	1-216-797-91	RES, CHIP 10
IC502	8-759-712-82	IC SDMV18165CTM6S	Q411	8-729-043-74	TRANSISTOR SI4435DY-T1-REVA	R208	1-216-864-91	CONDUCTOR, CHIP	(1608)	R353	1-216-801-91	RES, CHIP 22
IC503	6-800-197-01	IC MR27V3202F-A7TPZ	Q412	8-729-043-74	TRANSISTOR SI4435DY-T1-REVA	R212	1-216-864-91	CONDUCTOR, CHIP	(1608)	R354	1-216-801-91	RES, CHIP 22
IC504	8-752-408-53	IC CXD2942AR	Q413	8-729-054-34	TRANSISTOR FDN304P	R213	1-216-864-91	CONDUCTOR, CHIP	(1608)	R357	1-218-933-81	RES, CHIP 22
IC504	8-752-410-55	IC CXD2942BR	Q414	8-729-043-74	TRANSISTOR SI4435DY-T1-REVA	R216	1-216-809-91	RES, CHIP 100	(1608)	R358	1-216-801-91	RES, CHIP 22
IC517	8-759-667-10	IC CS4335-KS	Q415	8-729-052-41	TRANSISTOR 2SC4541 (2TL SONY1)	R217	1-218-859-91	RES, CHIP 3.3K	(1608)	R359	1-216-801-91	RES, CHIP 22
IC603	8-759-370-11	IC NJM2100V-TE2	Q505	8-729-021-09	TRANSISTOR RN4904 (TE85R)	R218	1-218-847-91	RES, CHIP 1.0K	(1608)	R360	1-218-937-81	RES, CHIP 47
IC605	8-752-413-11	IC CXD1869BQ	Q506	8-729-056-15	TRANSISTOR IMH20T108	R219	1-218-851-91	RES, CHIP 1.5K	(1608)	R361	1-218-937-81	RES, CHIP 47
IC802	8-759-697-65	IC BA5815FM-E2	Q600	8-729-016-26	TRANSISTOR 2SK1958-T1	R220	1-218-933-81	RES, CHIP 22	(1608)	R362	1-216-805-91	RES, CHIP 47
IC803	8-759-588-60	IC BA6664FM-E2	Q603	8-729-017-33	TRANSISTOR RN1706-TE85R	R225	1-216-833-91	RES, CHIP 10K	(1608)	R363	1-216-864-91	CONDUCTOR, CHIP
IC805	8-759-712-38	IC HD74HC1G66CME	Q801	8-729-031-35	TRANSISTOR 2SK2034-TE85L	R226	1-218-965-81	RES, CHIP 10K	(1608)	R364	1-216-805-91	RES, CHIP 47
IC805	8-759-712-63	IC MC74VHC1G66DFT1	Q802	8-729-029-13	TRANSISTOR DTC143ZUA-T106	R227	1-216-864-91	CONDUCTOR, CHIP	(1608)	R365	1-216-805-91	RES, CHIP 47
IC806	8-759-337-40	IC NJM2904V(TE2)	Q803	8-729-031-35	TRANSISTOR 2SK2034-TE85L	R228	1-218-965-81	RES, CHIP 10K	(1608)	R366	1-218-937-81	RES, CHIP 47
IC807	8-759-391-69	IC MC78M05CDTRK	Q804	8-729-103-96	TRANSISTOR 2SB798-T1DL	R233	1-216-821-91	RES, CHIP 1.0K	(1608)	R367	1-216-805-91	RES, CHIP 47
IC807	8-759-691-00	IC JCP78M05CDTRK	Q805	8-729-103-96	TRANSISTOR 2SB798-T1DL	R236	1-216-809-91	RES, CHIP 100	(1608)	R368	1-216-805-91	RES, CHIP 47
IC807	8-759-697-61	IC L78M05CDT-TR(P)	Q806	8-729-048-50	TRANSISTOR 2SK3018-T106	R237	1-216-829-91	RES, CHIP 4.7K	(1608)	R394	1-216-833-91	RES, CHIP 10K
	<INDUCTOR>		Q808	8-729-048-50	TRANSISTOR 2SK3018-T106	R244	1-218-831-91	RES, CHIP 220	(1608)	R395	1-218-957-81	RES, CHIP 2.2K
	<INDUCTOR>		Q810	8-729-048-50	TRANSISTOR 2SK3018-T106	R245	1-218-831-91	RES, CHIP 220	(1608)	R401	1-218-969-81	RES, CHIP 22K
	<INDUCTOR>		Q814	8-729-029-13	TRANSISTOR DTC143ZUA-T106	R246	1-218-831-91	RES, CHIP 220	(1608)	R402	1-216-837-91	RES, CHIP 22K
L102	1-414-398-41	INDUCTOR (SMD) 10.0UH	R105	1-216-864-91	CONDUCTOR, CHIP	R247	1-216-801-91	RES, CHIP 22	(1608)	R403	1-216-849-91	RES, CHIP 220K
L203	1-469-967-21	INDUCTOR, CHIP 10UH	(2518)		<RESISTOR>	R251	1-216-837-91	RES, CHIP 22K	(1608)	R404	1-216-845-91	RES, CHIP 100K
L205	1-469-967-21	INDUCTOR, CHIP 10UH	(2518)		<RESISTOR>	R252	1-216-839-91	RES, CHIP 33K	(1608)	R405	1-216-845-91	RES, CHIP 100K
L206	1-412-960-21	INDUCTOR, SMALL TYPE 56UH	(2518)		<RESISTOR>	R253	1-216-833-91	RES, CHIP 10K	(1608)	R406	1-216-811-91	RES, CHIP 150
L401	1-411-197-21	COIL, DD CONVERTER			<RESISTOR>	R257	1-216-824-91	RES, CHIP 1.8K	(1608)	R407	1-216-811-91	RES, CHIP 150
L404	1-419-905-21	COIL, CHOKE (SMD) 1.82UH			<RESISTOR>	R258	1-208-923-81	RES, CHIP 33K	(1608)	R408	1-216-839-91	RES, CHIP 33K
L408	1-419-898-21	COIL, CHOKE 5.6UH			<RESISTOR>	R259	1-216-824-91	RES, CHIP 1.8K	(1608)	R409	1-216-864-91	CONDUCTOR, CHIP
L410	1-411-197-21	COIL, DD CONVERTER			<RESISTOR>	R261	1-218-961-81	RES, CHIP 4.7K	(1608)	R410	1-218-883-91	RES, CHIP 33K
L411	1-424-789-21	COIL, CHOKE (SMD) 10UH			<RESISTOR>	R263	1-216-825-91	RES, CHIP 2.2K	(1608)	R411	1-218-883-91	RES, CHIP 33K
L412	1-411-197-21	COIL, DD CONVERTER			<RESISTOR>	R264	1-216-821-91	RES, CHIP 1.0K	(1608)	R412	1-218-883-91	RES, CHIP 33K
L413	1-424-789-21	COIL, CHOKE (SMD) 10UH			<RESISTOR>	R265	1-216-821-91	RES, CHIP 1.0K	(1608)	R413	1-218-883-91	RES, CHIP 33K
L414	1-424-789-21	COIL, CHOKE (SMD) 10UH			<RESISTOR>	R270	1-218-853-91	RES, CHIP 1.8K	(1608)	R414	1-216-864-91	CONDUCTOR, CHIP
L801	1-469-524-91	INDUCTOR 4.7UH (NLVF25)			<RESISTOR>	R272	1-218-859-91	RES, CHIP 3.3K	(1608)	R415	1-216-839-91	RES, CHIP 33K
L802	1-469-524-91	INDUCTOR 4.7UH (NLVF25)			<RESISTOR>	R273	1-218-851-91	RES, CHIP 1.5K	(1608)	R416	1-216-839-91	RES, CHIP 33K
L803	1-414-394-41	INDUCTOR (SMD) 2.2UH			<RESISTOR>	R277	1-218-853-91	RES, CHIP 1.8K	(1608)	R417	1-216-813-91	RES, CHIP 220
	<COIL>				<RESISTOR>	R278	1-218-859-91	RES, CHIP 3.3K	(1608)	R418	1-216-817-91	RES, CHIP 470
LF101	1-419-100-21											

Ref.	Part No.	Description		Ref.	Part No.	Description		Ref.	Part No.	Description		Ref.	Part No.	Description	
R443	1-218-865-91	RES, CHIP 5.6K	(1608)	R649	1-216-833-91	RES, CHIP 10K	(1608)	R870	1-216-849-91	RES, CHIP 220K	(1608)	RB318	1-233-423-21	RES, CHIP NETWORK 47	(3216)
R444	1-218-881-91	RES, CHIP 27K	(1608)	R650	1-216-833-91	RES, CHIP 10K	(1608)	R871	1-218-896-91	RES, CHIP 110K	(1608)	RB319	1-233-423-21	RES, CHIP NETWORK 47	(3216)
R445	1-218-849-91	RES, CHIP 1.2K	(1608)	R651	1-216-835-91	RES, CHIP 15K	(1608)	R872	1-216-844-91	RES, CHIP 82K	(1608)	RB320	1-233-423-21	RES, CHIP NETWORK 47	(3216)
R446	1-216-817-91	RES, CHIP 470	(1608)	R653	1-216-845-91	RES, CHIP 100K	(1608)	R873	1-216-839-91	RES, CHIP 33K	(1608)	RB321	1-233-423-21	RES, CHIP NETWORK 47	(3216)
R447	1-216-817-91	RES, CHIP 470	(1608)	R654	1-216-845-91	RES, CHIP 100K	(1608)	R874	1-216-828-91	RES, CHIP 3.9K	(1608)	RB322	1-233-412-21	RES, CHIP NETWORK 1.0K	(3216)
R448	1-218-965-81	RES, CHIP 10K	(1608)	R657	1-216-839-91	RES, CHIP 33K	(1608)	R875	1-216-023-91	RES, CHIP 82	(2012)	RB323	1-233-412-21	RES, CHIP NETWORK 1.0K	(3216)
R449	1-216-833-91	RES, CHIP 10K	(1608)	R658	1-216-833-91	RES, CHIP 10K	(1608)	R876	1-216-023-91	RES, CHIP 82	(2012)	RB324	1-233-412-21	RES, CHIP NETWORK 1.0K	(3216)
R450	1-216-817-91	RES, CHIP 470	(1608)	R660	1-216-833-91	RES, CHIP 10K	(1608)	R877	1-216-023-91	RES, CHIP 82	(2012)	RB325	1-233-412-21	RES, CHIP NETWORK 1.0K	(3216)
R451	1-218-949-81	RES, CHIP 470	(1608)	R661	1-216-833-91	RES, CHIP 10K	(1608)	R878	1-216-023-91	RES, CHIP 82	(2012)	RB326	1-233-412-21	RES, CHIP NETWORK 1.0K	(3216)
R452	1-216-797-91	RES, CHIP 10	(1608)	R667	1-216-861-91	RES, CHIP 2.2M	(1608)	R879	1-216-023-91	RES, CHIP 82	(2012)	RB327	1-233-415-21	RES, CHIP NETWORK 10K	(3216)
R453	1-216-797-91	RES, CHIP 10	(1608)	R668	1-216-853-91	RES, CHIP 470K	(1608)	R880	1-216-023-91	RES, CHIP 82	(2012)	RB328	1-233-414-21	RES, CHIP NETWORK 4.7K	(3216)
R454	1-216-797-91	RES, CHIP 10	(1608)	R669	1-216-845-91	RES, CHIP 100K	(1608)	R881	1-216-023-91	RES, CHIP 82	(2012)	RB329	1-233-783-91	RES, NETWORK 22	(1608)
R455	1-216-845-91	RES, CHIP 100K	(1608)	R670	1-216-833-91	RES, CHIP 10K	(1608)	R882	1-216-023-91	RES, CHIP 82	(2012)	RB402	1-233-803-91	RES, NETWORK 1.5K	(1608)
R456	1-216-821-91	RES, CHIP 1.0K	(1608)	R671	1-216-827-91	RES, CHIP 3.3K	(1608)	R901	1-218-937-81	RES, CHIP 47		RB403	1-233-789-91	RES, NETWORK 10K	(1608)
R457	1-218-887-91	RES, CHIP 47K	(1608)	R672	1-218-888-91	RES, CHIP 51K	(1608)	R902	1-218-937-81	RES, CHIP 47		RB405	1-233-803-91	RES, NETWORK 1.5K	(1608)
R458	1-216-797-91	RES, CHIP 10	(1608)	R673	1-216-827-91	RES, CHIP 3.3K	(1608)	R974	1-216-801-91	RES, CHIP 22	(1608)	RB406	1-233-792-91	RES, NETWORK 100K	(1608)
R459	1-216-833-91	RES, CHIP 10K	(1608)	R674	1-216-845-91	RES, CHIP 100K	(1608)	R975	1-216-801-91	RES, CHIP 22	(1608)	RB407	1-233-795-91	RES, NETWORK 1.0M	(1608)
R460	1-218-871-91	RES, CHIP 10K	(1608)	R675	1-216-839-91	RES, CHIP 33K	(1608)	R984	1-216-864-91	CONDUCTOR, CHIP	(1608)	RB408	1-233-415-21	RES, CHIP NETWORK 10K	(3216)
R461	1-216-309-91	RES, CHIP 5.6	(2012)	R678	1-216-829-91	RES, CHIP 4.7K	(1608)	RB101	1-234-496-21	ARRAY, RESISTOR 39		RB409	1-233-415-21	RES, CHIP NETWORK 10K	(3216)
R463	1-216-857-91	RES, CHIP 1.0M	(1608)	R689	1-216-845-91	RES, CHIP 100K	(1608)	RB102	1-234-496-21	ARRAY, RESISTOR 39		RB410	1-233-415-21	RES, CHIP NETWORK 10K	(3216)
R465	1-216-845-91	RES, CHIP 100K	(1608)	R694	1-216-835-91	RES, CHIP 15K	(1608)	RB103	1-234-496-21	ARRAY, RESISTOR 39		RB511	1-233-423-21	RES, CHIP NETWORK 47	(3216)
R466	1-216-821-91	RES, CHIP 1.0K	(1608)	R696	1-216-846-91	RES, CHIP 120K	(1608)	RB104	1-234-496-21	ARRAY, RESISTOR 39		RB517	1-233-575-21	RES, CHIP NETWORK 22	
R467	1-216-833-91	RES, CHIP 10K	(1608)	R698	1-216-835-91	RES, CHIP 15K	(1608)	RB105	1-234-496-21	ARRAY, RESISTOR 39		RB518	1-233-575-21	RES, CHIP NETWORK 22	
R469	1-216-833-91	RES, CHIP 10K	(1608)	R699	1-216-833-91	RES, CHIP 10K	(1608)	RB106	1-234-496-21	ARRAY, RESISTOR 39		RB519	1-233-575-21	RES, CHIP NETWORK 22	
R470	1-216-845-91	RES, CHIP 100K	(1608)	R700	1-216-864-91	CONDUCTOR, CHIP	(1608)	RB107	1-233-423-21	RES, CHIP NETWORK 47	(3216)	RB520	1-233-575-21	RES, CHIP NETWORK 22	
R472	1-218-871-91	RES, CHIP 10K	(1608)	R801	1-216-864-91	CONDUCTOR, CHIP	(1608)	RB108	1-233-423-21	RES, CHIP NETWORK 47	(3216)	RB521	1-233-575-21	RES, CHIP NETWORK 22	
R473	1-218-863-91	RES, CHIP 4.7K	(1608)	R802	1-216-864-91	CONDUCTOR, CHIP	(1608)	RB109	1-233-423-21	RES, CHIP NETWORK 47	(3216)	RB522	1-233-575-21	RES, CHIP NETWORK 22	
R474	1-216-853-91	RES, CHIP 470K	(1608)	R803	1-216-864-91	CONDUCTOR, CHIP	(1608)	RB110	1-233-423-21	RES, CHIP NETWORK 47	(3216)	RB523	1-233-575-21	RES, CHIP NETWORK 22	
R475	1-216-857-91	RES, CHIP 1.0M	(1608)	R804	1-216-864-91	CONDUCTOR, CHIP	(1608)	RB111	1-233-423-21	RES, CHIP NETWORK 47	(3216)	RB524	1-233-575-21	RES, CHIP NETWORK 22	
R476	1-216-845-91	RES, CHIP 100K	(1608)	R805	1-216-809-91	RES, CHIP 100	(1608)	RB112	1-233-423-21	RES, CHIP NETWORK 47	(3216)	RB525	1-233-575-21	RES, CHIP NETWORK 22	
R479	1-216-864-91	CONDUCTOR, CHIP	(1608)	R806	1-216-833-91	RES, CHIP 10K	(1608)	RB113	1-233-423-21	RES, CHIP NETWORK 47	(3216)	RB526	1-233-575-21	RES, CHIP NETWORK 22	
R503	1-216-803-91	RES, CHIP 33	(1608)	R807	1-216-809-91	RES, CHIP 100	(1608)	RB114	1-233-423-21	RES, CHIP NETWORK 47	(3216)	RB527	1-233-575-21	RES, CHIP NETWORK 22	
R504	1-216-803-91	RES, CHIP 33	(1608)	R808	1-216-833-91	RES, CHIP 10K	(1608)	RB116	1-233-423-21	RES, CHIP NETWORK 47	(3216)	RB528	1-233-575-21	RES, CHIP NETWORK 22	
R505	1-216-803-91	RES, CHIP 33	(1608)	R813	1-216-158-91	RES, CHIP 22	(3216)	RB117	1-233-423-21	RES, CHIP NETWORK 47	(3216)	RB529	1-233-575-21	RES, CHIP NETWORK 22	
R506	1-216-809-91	RES, CHIP 100	(1608)	R814	1-216-158-91	RES, CHIP 22	(3216)	RB118	1-233-423-21	RES, CHIP NETWORK 47	(3216)	RB530	1-233-575-21	RES, CHIP NETWORK 22	
R509	1-216-821-91	RES, CHIP 1.0K	(1608)	R815	1-216-797-91	RES, CHIP 10	(1608)	RB119	1-233-423-21	RES, CHIP NETWORK 47	(3216)	RB531	1-233-575-21	RES, CHIP NETWORK 22	
R513	1-216-805-91	RES, CHIP 47	(1608)	R816	1-216-158-91	RES, CHIP 22	(3216)	RB120	1-233-423-21	RES, CHIP NETWORK 47	(3216)	RB532	1-233-575-21	RES, CHIP NETWORK 22	
R516	1-216-809-91	RES, CHIP 100	(1608)	R817	1-216-158-91	RES, CHIP 22	(3216)	RB121	1-233-423-21	RES, CHIP NETWORK 47	(3216)	RB602	1-233-415-21	RES, CHIP NETWORK 10K	(3216)
R517	1-216-809-91	RES, CHIP 100	(1608)	R818	1-216-797-91	RES, CHIP 10	(1608)	RB122	1-233-423-21	RES, CHIP NETWORK 47	(3216)	RB603	1-233-415-21	RES, CHIP NETWORK 10K	(3216)
R522	1-216														

<u>Ref.</u>	<u>Part No.</u>	<u>Description</u>	<u>Ref.</u>	<u>Part No.</u>	<u>Description</u>	<u>Ref.</u>	<u>Part No.</u>	<u>Description</u>	<u>Ref.</u>	<u>Part No.</u>	<u>Description</u>
	A-6712-923-A	MOUNTED CIRCUIT BOARD, GB-003 ***** PLACE CODE #25BG		SUPPLIED ACCESSORIES *****	PLACE CODE #23						
		<BATTERY>		A-6785-242-A	ACCESSORY & PACKING GROUP						
BT101	1-756-076-21	HOLDER, LITHIUM BATTERY	△ AC	1-555-074-51	CORD, POWER for SCPH-30002						
		<CONNECTOR>	△ AC	1-751-115-21	CORD, POWER for SCPH-30003						
CN101	1-815-648-21	PIN, CONNECTOR (PC BOARD)	△ AC	1-575-131-82	CORD, POWER for SCPH-30004						
		*****	CONV	1-573-291-12	CONNECTOR, CONVERSION for SCPH-30003/-30004						
	A-6712-922-A	MOUNTED CIRCUIT BOARD, SW-358 ***** PLACE CODE #25BG	AV	1-792-028-11	CORD, CONNECTION						
		<CONNECTOR>	CONT	1-792-238-72	DS2 ANALOG CONTROLLER						
CN751	1-785-470-21	CONNECTOR, FPC(LIF(NON-ZIF))7P	SH	3-060-494-01	SHEET, PROTECTION						
		<DIODE>	CU	3-064-714-01	CUSHION						
D751	8-719-078-90	DIODE CL-165HR/G1-D-T	PA	3-065-172-01	PAD, TOGETHER PACKING for SCPH-30003/-30004						
D752	8-719-080-04	DIODE CL-190UB-X-T	CA	3-066-440-12	INDIVIDUAL CARTON for SCPH-30002						
		<TRANSISTOR>	CA	3-066-440-02	INDIVIDUAL CARTON for SCPH-30003						
Q751	8-729-013-97	TRANSISTOR RN1304-TE85L	CA	3-066-446-02	INDIVIDUAL CARTON for SCPH-30004						
		<RESISTOR>	MC	3-066-441-21	MASTER CARTON, 3 SETS						
R751	1-216-833-91	RES, CHIP 10K (1608)	A-6785-208-A		ACCESSORY & PACKING GROUP						
R752	1-216-835-91	RES, CHIP 15K (1608)									
R753	1-216-993-91	RES, CHIP 2.4K (1608)									
		<SWITCH>									
S751	1-771-917-21	SWITCH, TACTILE	MANUAL BLOCK ASSY *****	PLACE CODE #23							
S752	1-771-917-21	SWITCH, TACTILE	A-6785-243-A		MANUAL BLOCK ASSY, INSTRUCTION for SCPH-30002						
		*****	A-6785-245-A		MANUAL BLOCK ASSY, INSTRUCTION for SCPH-30003						
			A-6785-241-A		MANUAL BLOCK ASSY, INSTRUCTION for SCPH-30004						
RE	3-066-158-02	CARD (A), OWNER REGISTRATION									
DISC	3-066-725-02	DISK, DEMONSTRATION									
IN	3-068-128-11	INSTRUCTION for SCPH-30002									
IN	3-068-129-12	INSTRUCTION for SCPH-30003									
IN	3-068-130-13	INSTRUCTION for SCPH-30004									
IM	3-068-537-21	MANUAL, INSTRUCTION for SCPH-30002									
IM	3-068-537-31	MANUAL, INSTRUCTION for SCPH-30003									
IM	3-068-537-41	MANUAL, INSTRUCTION for SCPH-30004									
SE	3-987-375-02	SEAL, SEAL									
		*****									

## SECTION 6

### PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS for SCPH-30003D'30004D'

#### THIS NOTE IS COMMON FOR PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS.

##### Note on Printed Wiring Boards :

- Through hole is omitted.
-  : Pattern on the side which is seen.

##### Note on Schematic Diagram :

- Use caution when replacing chip parts.  
New parts must be attached after removal of chip.  
Be careful not to heat the minus side of tantalum capacitor,  
because it is damaged by the heat.
- All capacitors are in  $\mu\text{F}$  unless otherwise noted. pF :  $\mu\mu\text{F}$  50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in  $\Omega$  and 1/4 W (Chip resistors : 1/10W) unless otherwise specified.
- Chip resistors are 1/8 W or 1/10 W unless otherwise noted.  
 $\text{k}\Omega$  : 1000 $\Omega$ ,  $\text{M}\Omega$  : 1000 k $\Omega$ .

##### Note :

The components identified by mark  $\triangle$  or dotted line with mark  $\triangle$  are critical for safety.  
Replace only with part number specified.

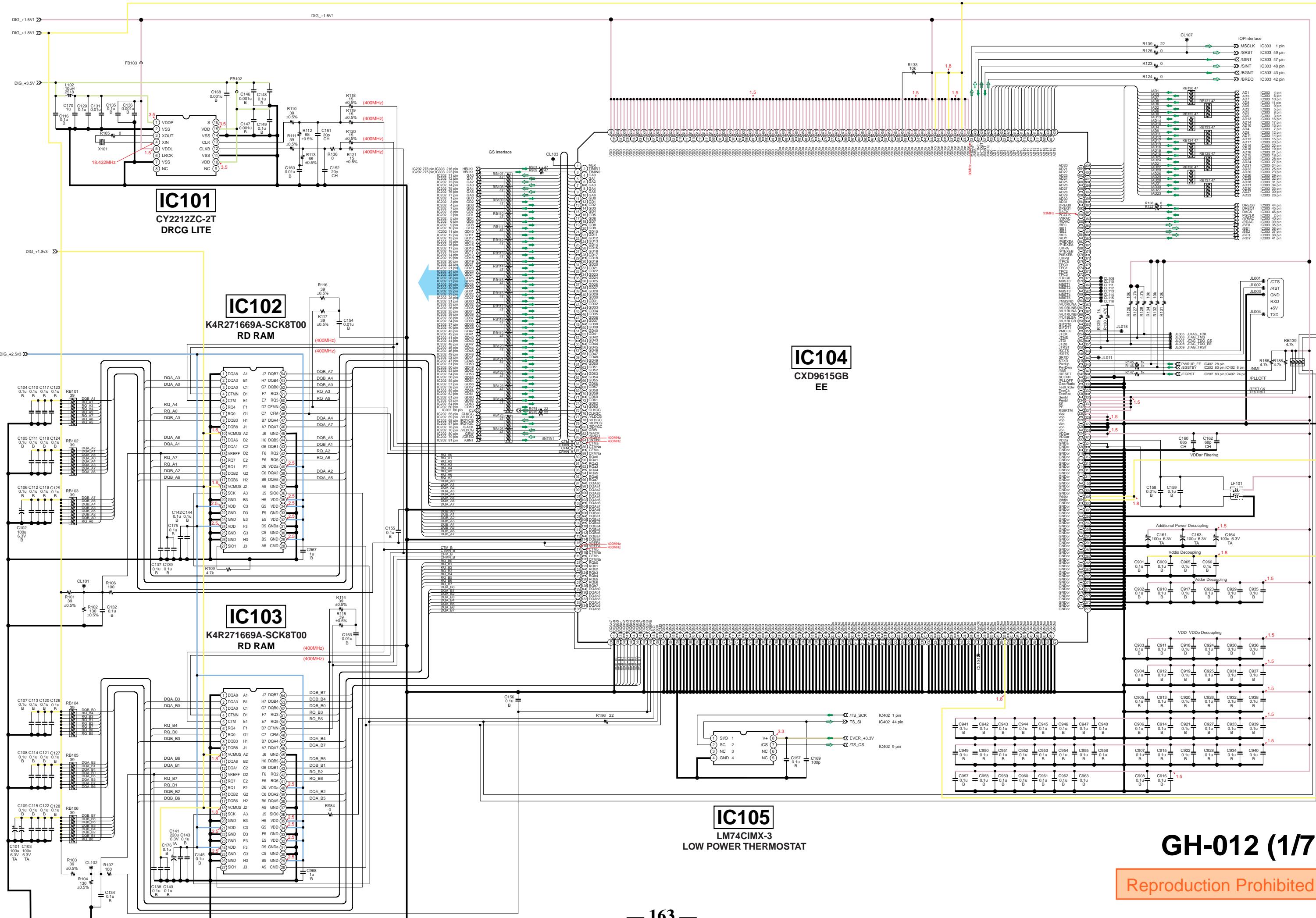
##### Note :

Les composants identifiés par une marque  $\triangle$  sont critiques pour la sécurité.  
Ne les remplacer que par une pièce portant le numéro spécifié.

##### Note on DC Power line :

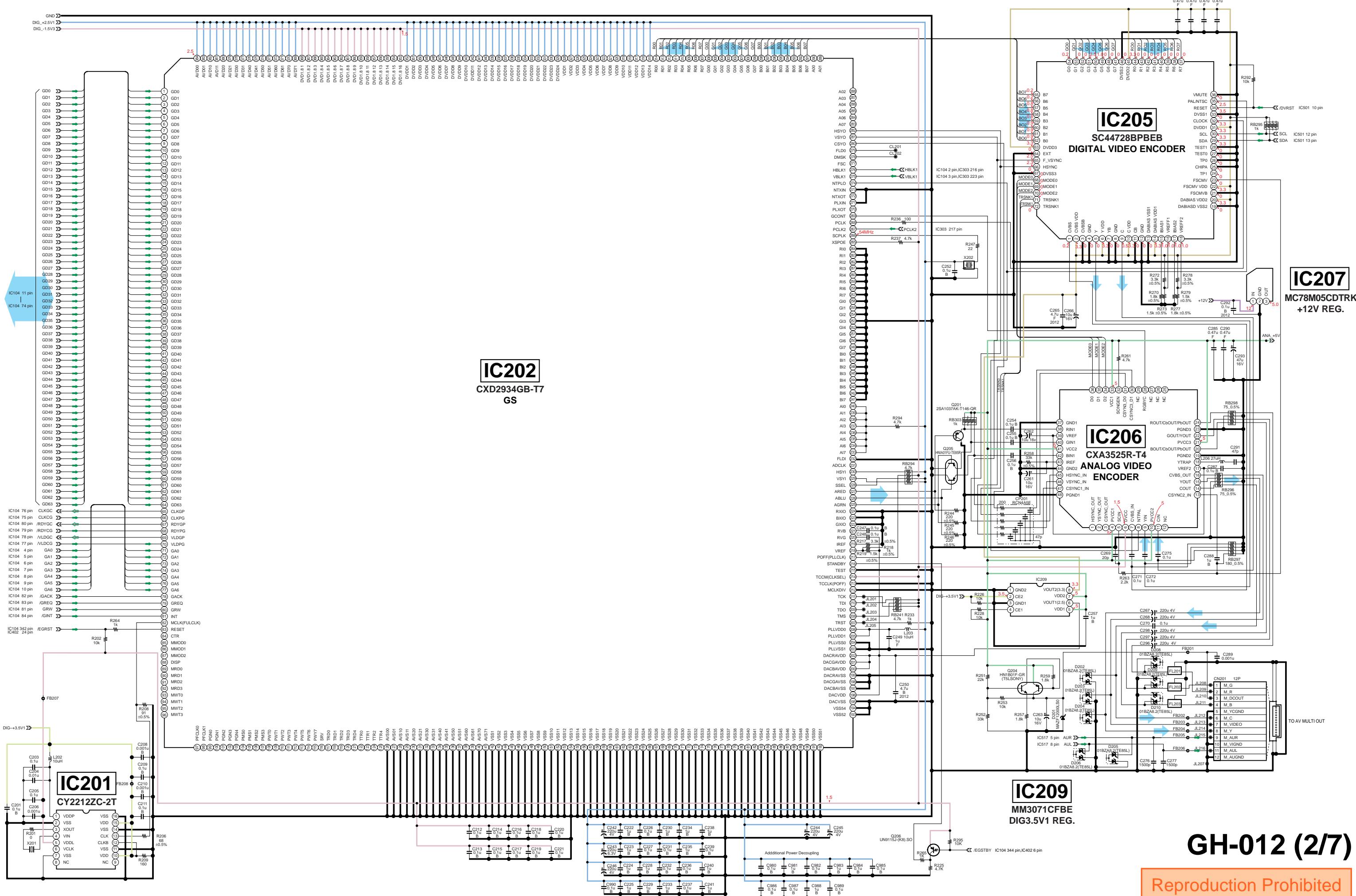
Unit of voltage is V (volt)

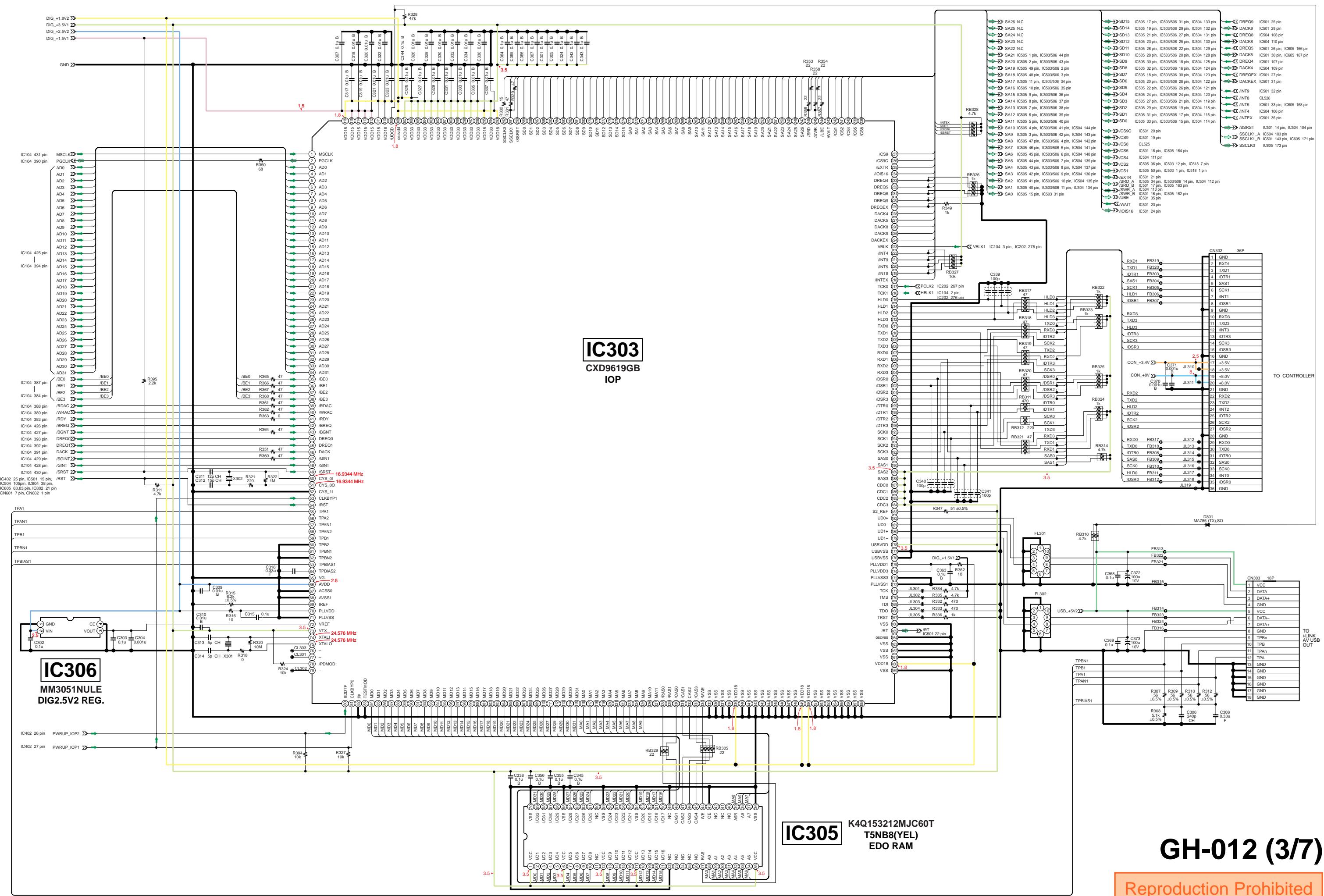
- |           |   |                      |   |
|-----------|---|----------------------|---|
| • +12V :  |  | • +3.3V :            |  |
| • +8.0V : |  | • +2.5V :            |  |
| • +5.0V : |  | • +1.8V :            |  |
| • +3.5V : |  | • +1.7V :            |  |
| • +3.4V : |  | • +1.5V :            |  |
| • IN :    |  | • Main Signal Line : |  |
| • OUT :   |  |                      |   |

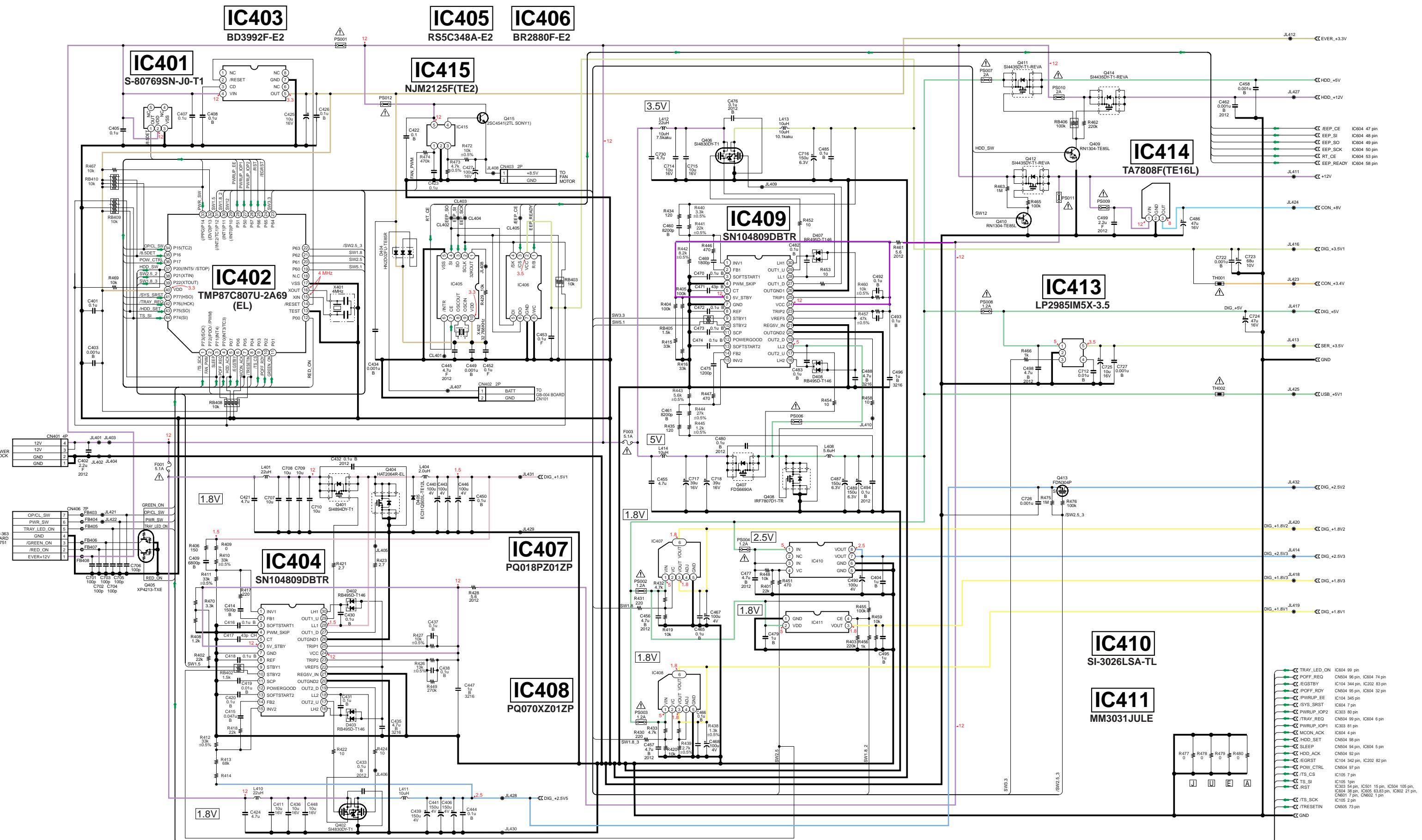


**GH-012 (1/7)**

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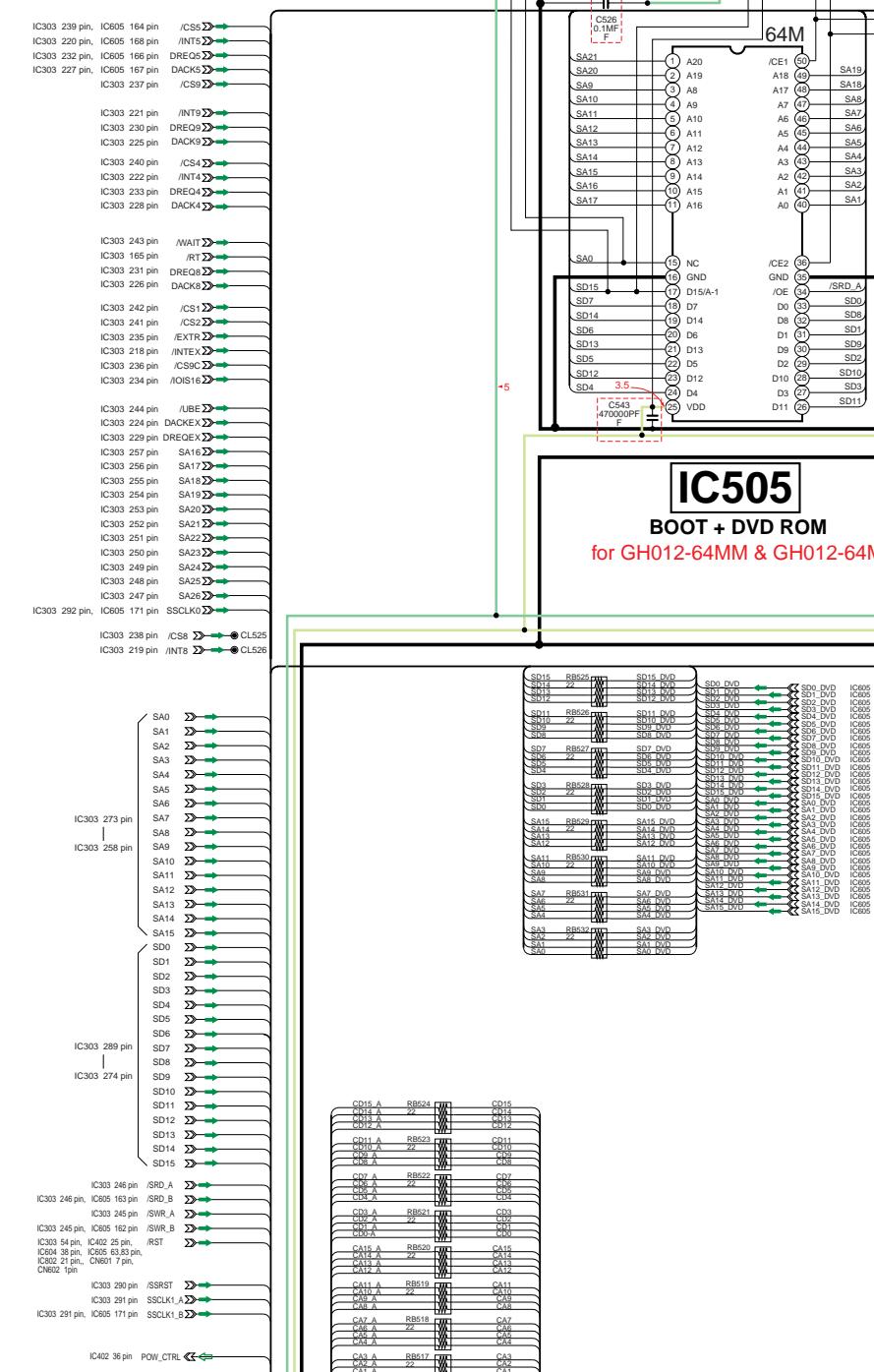


GH-012 (4/7)

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**IC518**

TC7WB125FK (TE85R)

C526, C543, R527 :  
for GH012-64MM & GH012-64MRIC503, IC506 :  
for GH012-32MM & GH012-32MR**IC503**

BOOT ROM

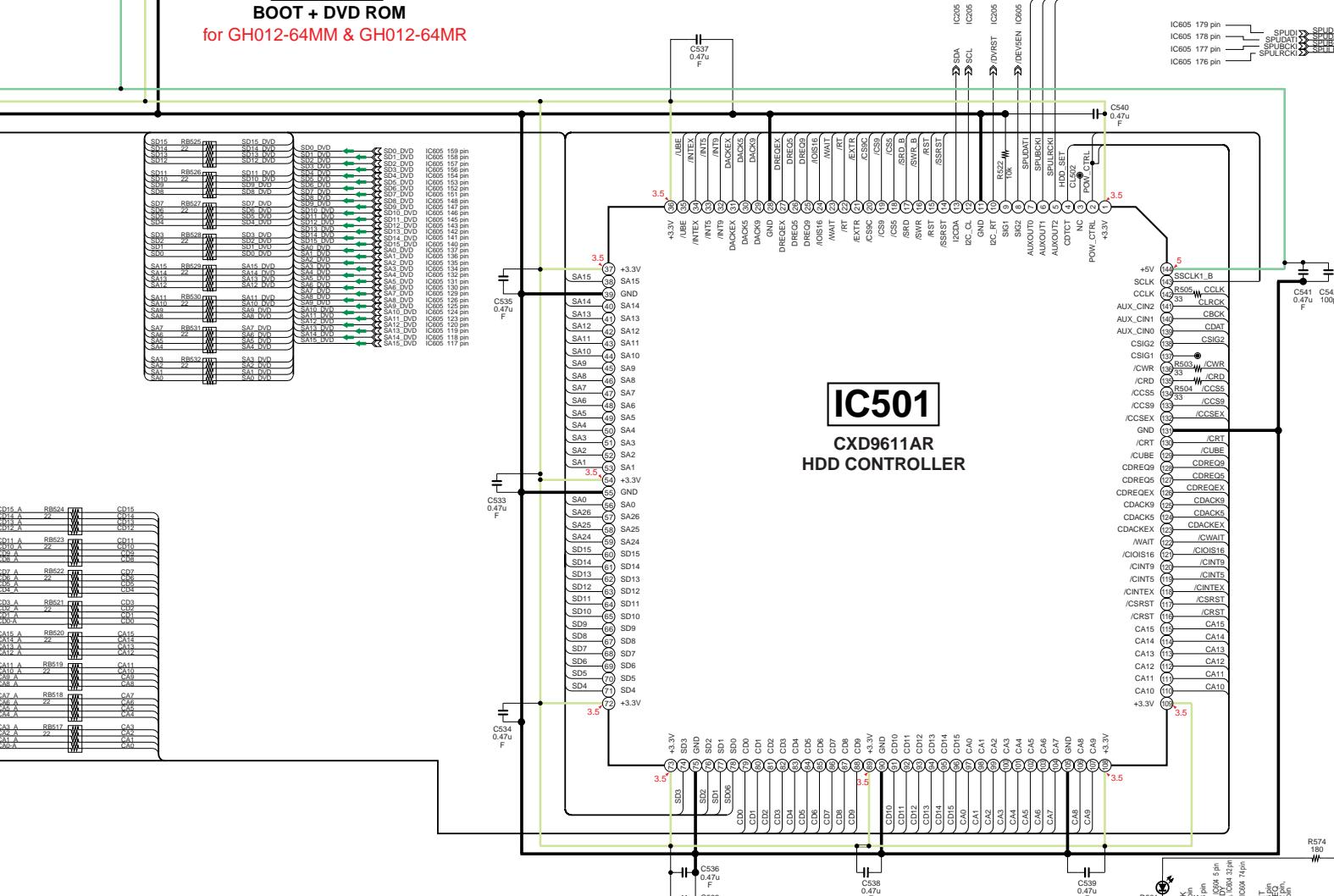
**IC506**

DVD ROM

**IC502**SDMV18165CTM6S  
DRAMC505, C512, R510, R511 :  
for GH012-32MM & GH012-32MR**IC505**

BOOT + DVD ROM

for GH012-64MM &amp; GH012-64MR

**IC501**CXD9611AR  
HDD CONTROLLER**IC517**CS4335-KS  
AUDIO DUC**IC517**

DAP202U106

**IC517**

RN4904 (TE85R)

**IC517**

IMR20T108

**IC517**

D500

**IC517**

LRC1

**IC517**

Y54

**IC517**

D500

**IC517**

C501

**IC517**

C503

**IC517**

C504

**IC517**

C507

**IC517**

C508

**IC517**

C509

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C580

**IC517**

C581

**IC517**

C582

**IC517**

C583

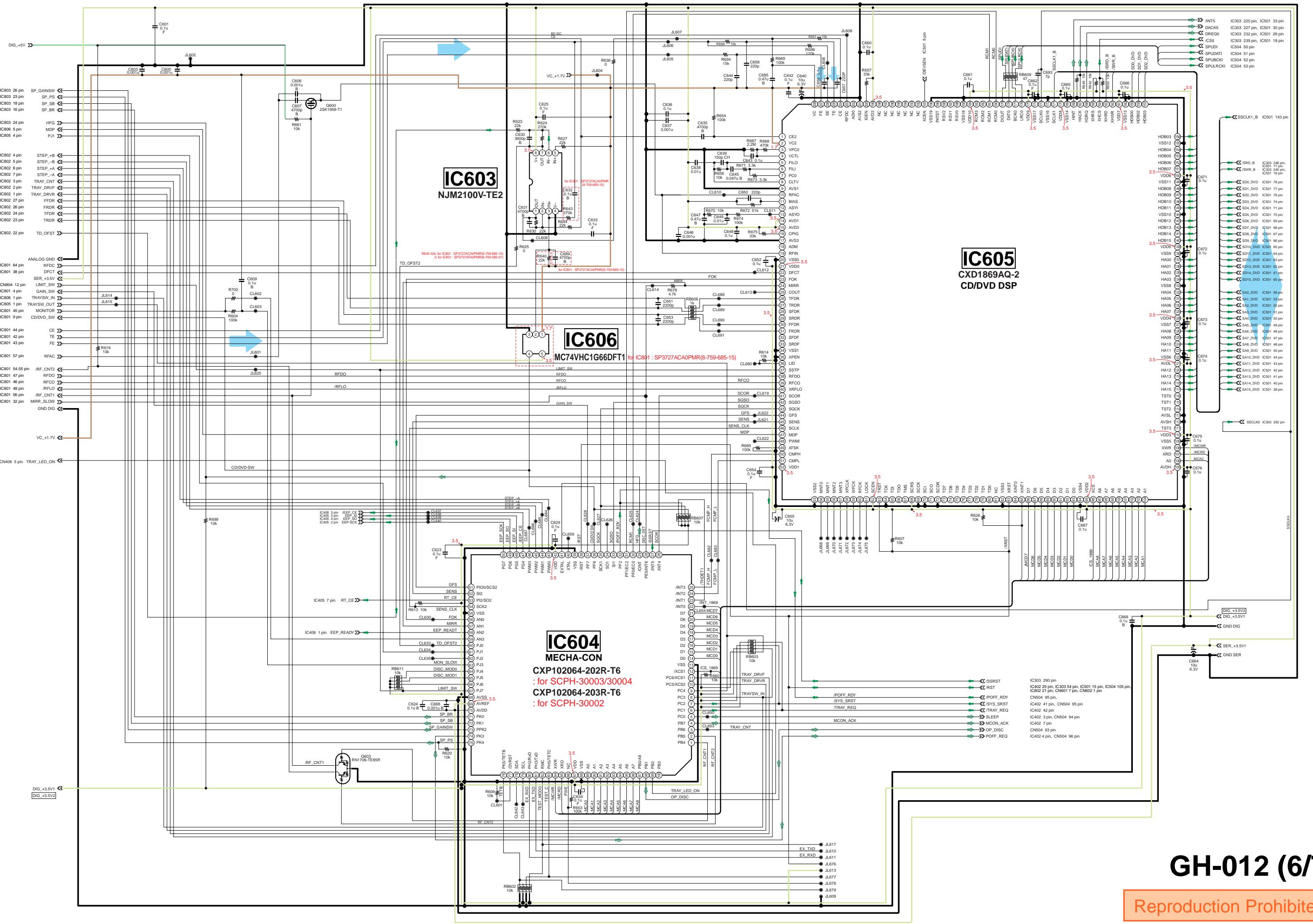
**IC517**

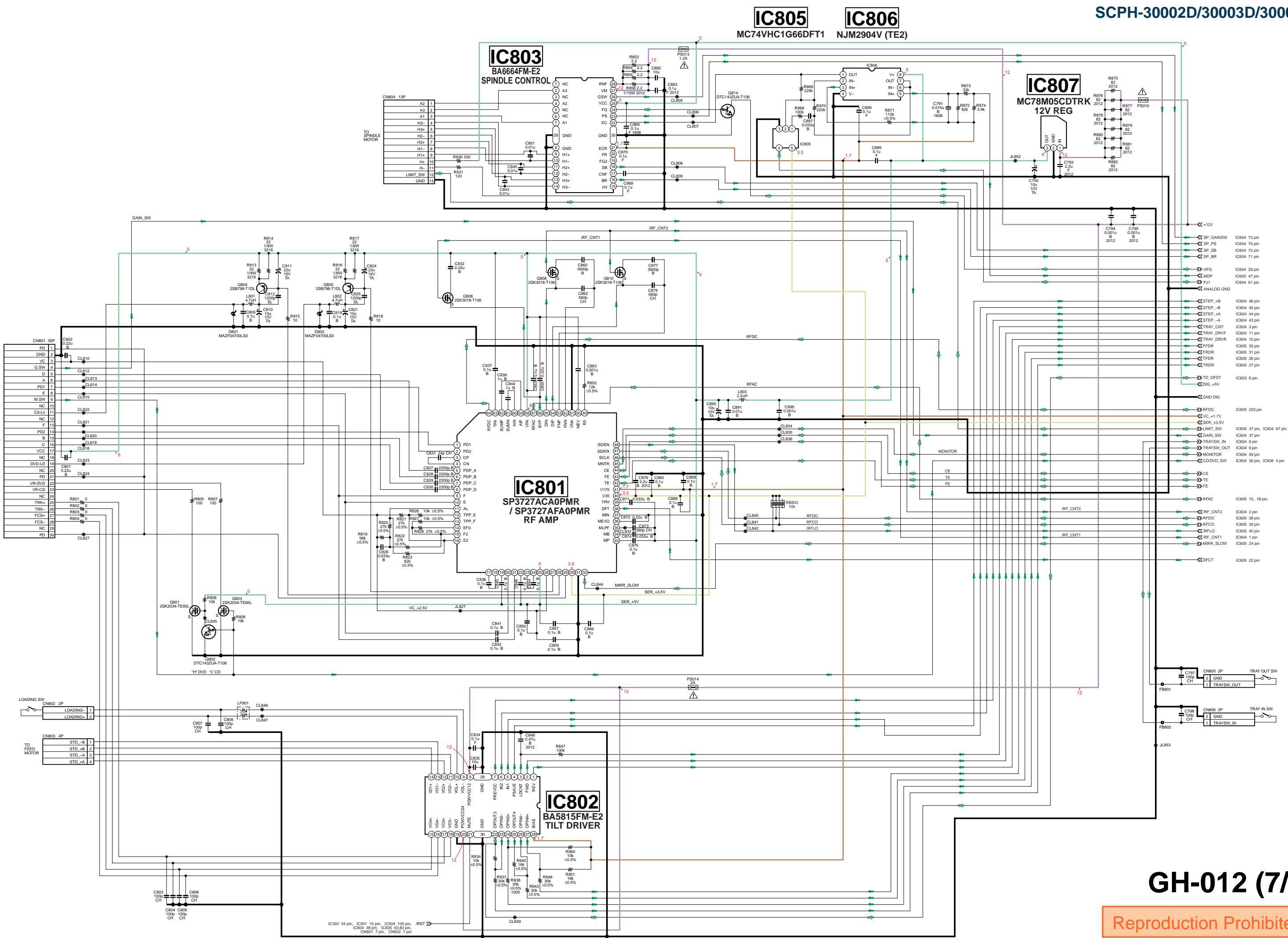
C584

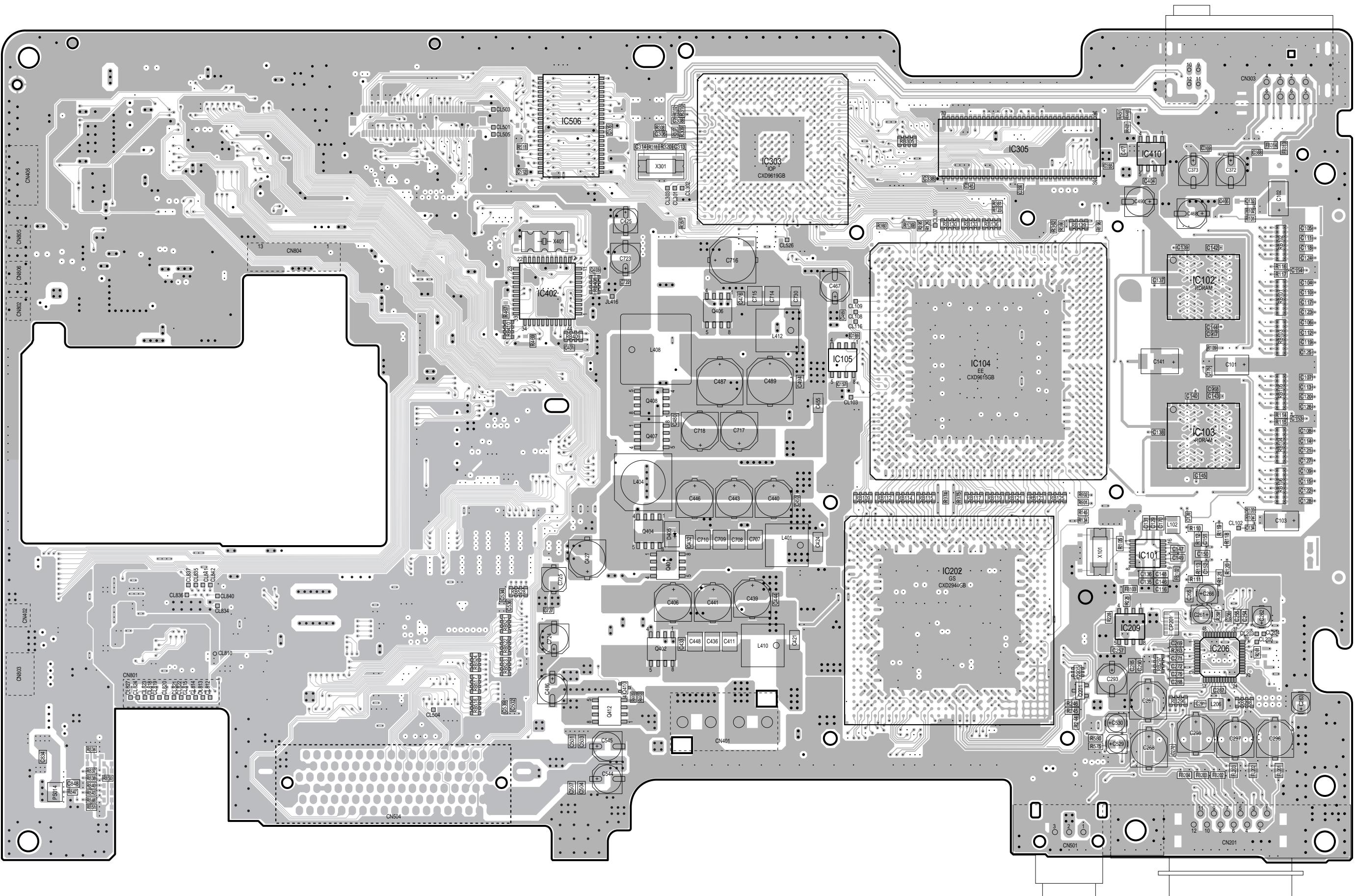
**IC517**

C585

**IC517**



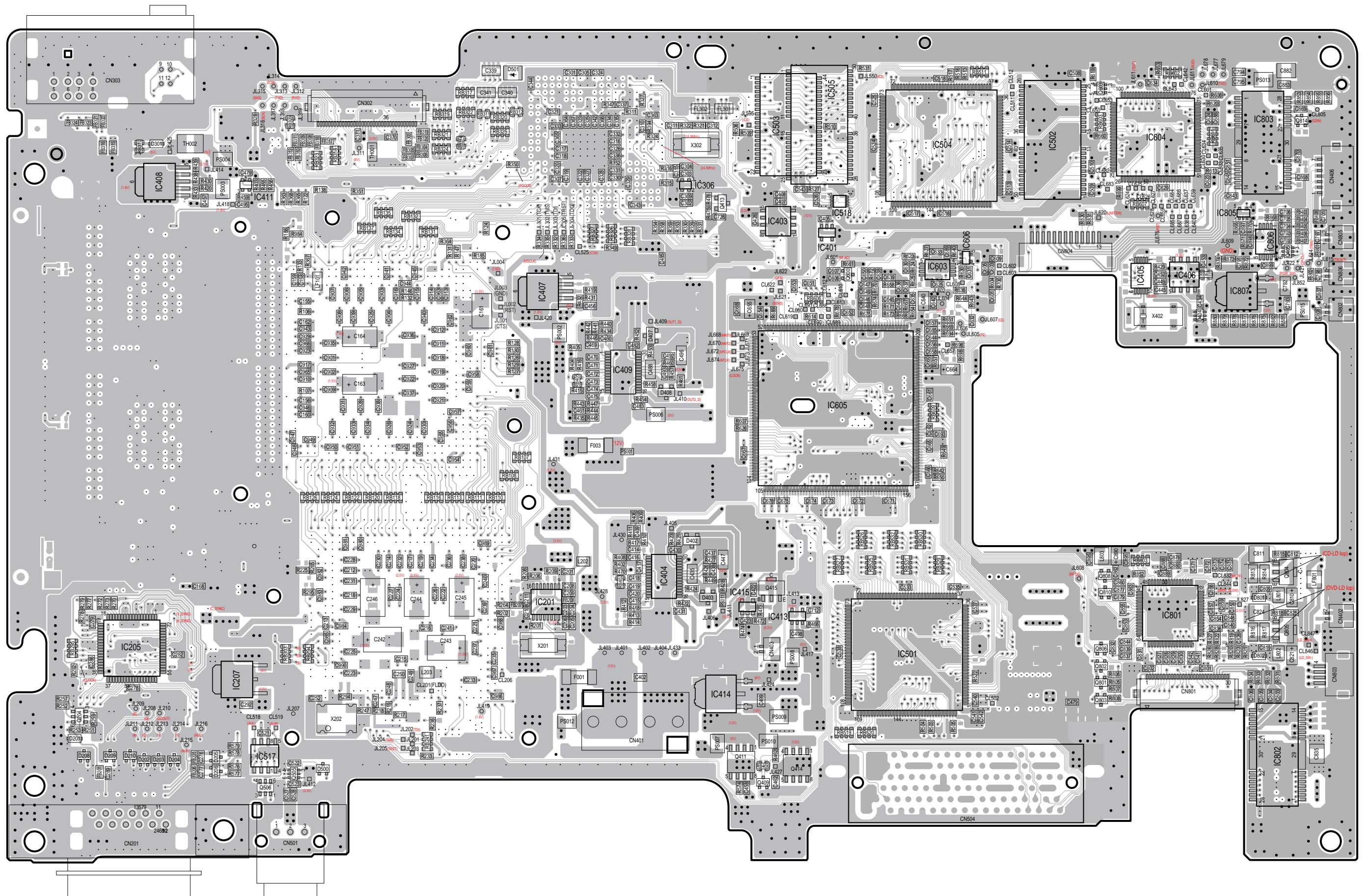




GH-012

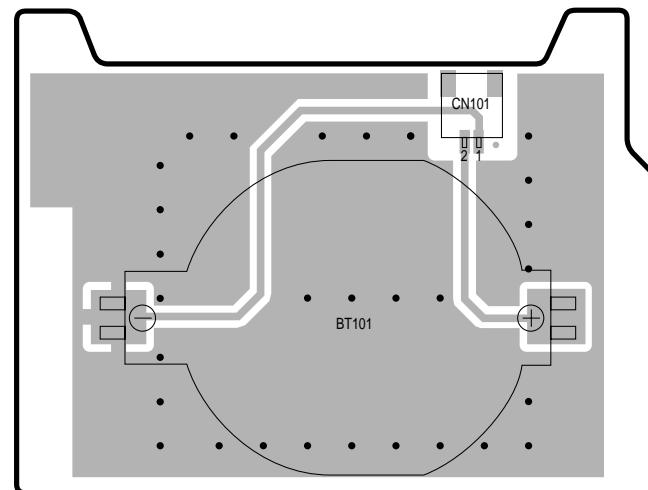
## A side

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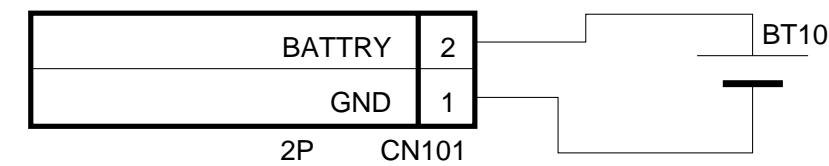


GH-012

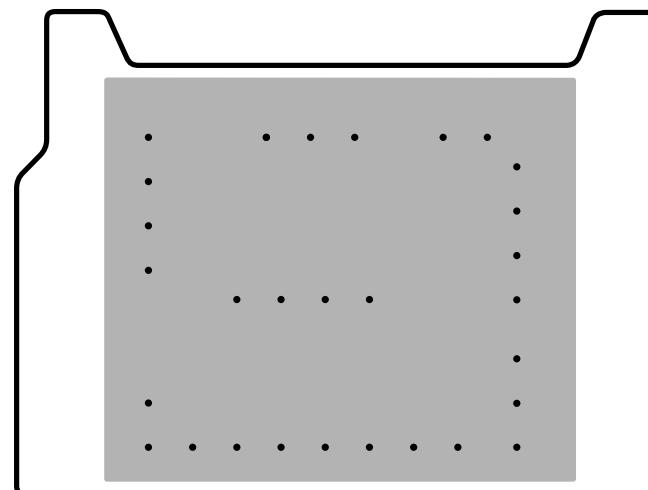
B side



**GB-004**  
A side

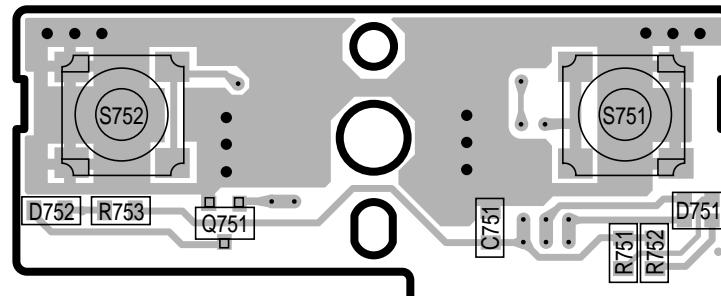


**GB-004**  
A side

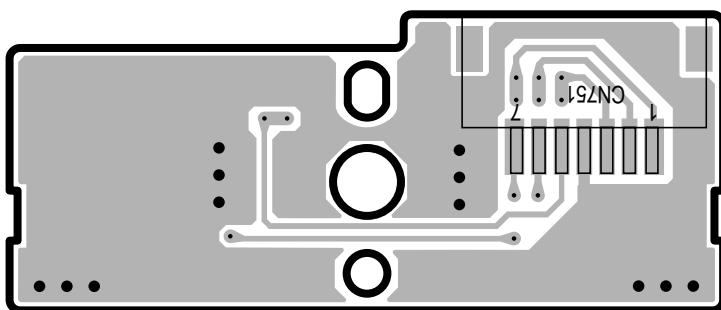


**GB-004**  
B side

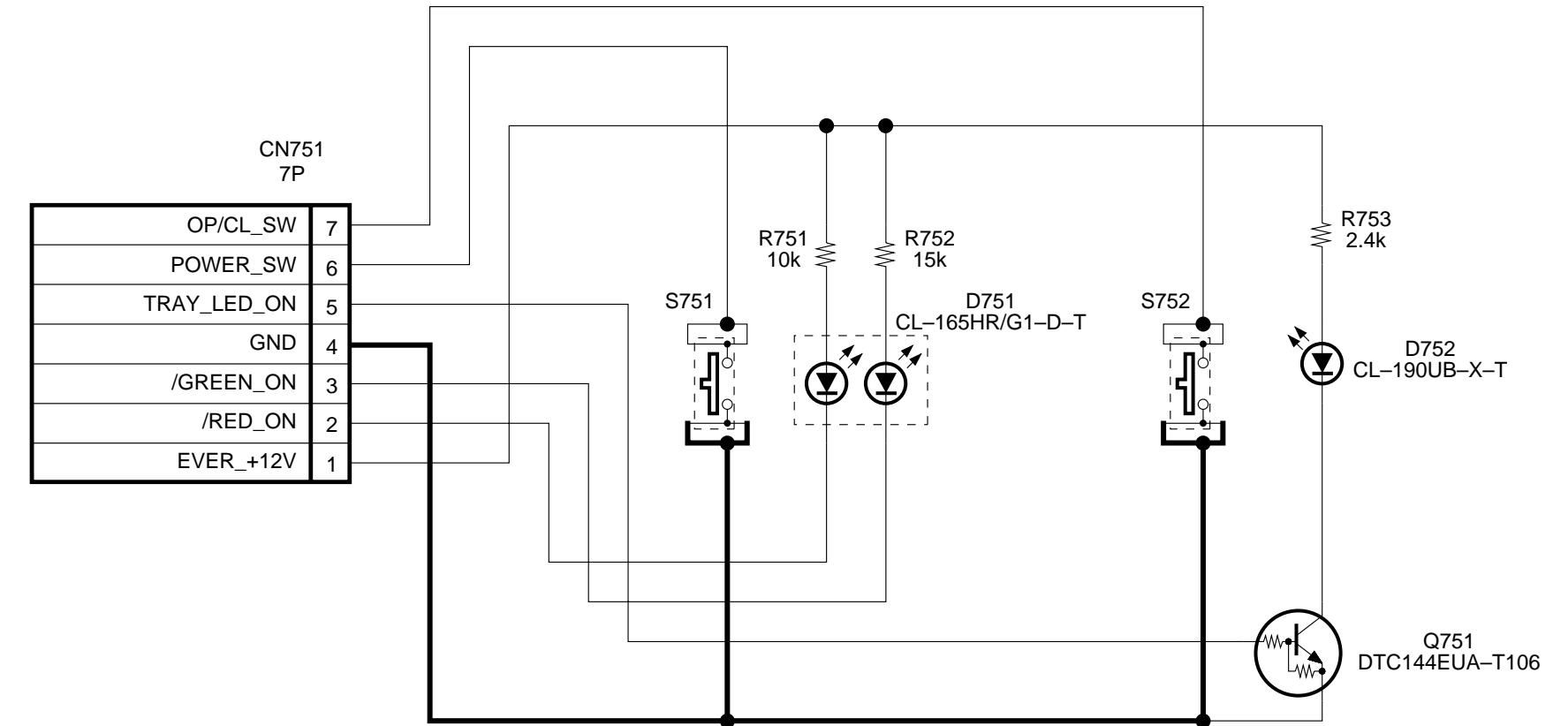
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**SW-363**  
A side



**SW-363**  
B side



**SW-363**

Reproduction Prohibited

## SECTION 7

### ELECTRICAL PARTS LIST

#### for SCPH-30003D'30004D' GH012 MOUNT

**NOTE :**  
 • Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.

• -XX and -X mean standardized parts, so they may have some difference from the original one.

• RESISTORS

METAL : Metal-film resistor.

F : nonflammable

Unit is  $\Omega$ .

• SEMICONDUCTORS

In each case, u :  $\mu$ , for example :  
 uA ... :  $\mu$ A ... uPA ... :  $\mu$ PA ...  
 uPB ... :  $\mu$ PB ... uPC ... :  $\mu$ PC ... uPD ... :  $\mu$ PD ...

• CAPACITORS

$\mu$ F :  $\mu$ F

• COILS

$\mu$ H :  $\mu$ H

When indicating parts by reference number, please include the board.

The components identified by mark  $\triangle$  or dotted line with mark.  $\triangle$  are critical for safety.  
 Replace only with part number specified.

Ref. Part No. Description

A-6712-985-A GH-012 MOUNT (32M R)  
 for SCPH-30003D' & 30004D' GH-012-32MR  
 A-6712-986-A GH-012 MOUNT (64M R)  
 for SCPH-30003D' & 30004D' GH-012-64MR

**Dissimilarity Parts**

for SCPH-30003D' & 30004D' GH-012-32MR  
 \*\*\*\*\*

C505 1-113-619-91 CAP, CERAMIC 470000PF F (1608)  
 C512 1-113-619-91 CAP, CERAMIC 470000PF F (1608)

IC503 6-800-197-01 IC MR27V3202F-A7TPZ  
 IC504 8-752-408-53 IC CXD2942AR  
 IC506 6-800-198-01 IC MR27V1602E-74TPZ

R510 1-216-864-91 CONDUCTOR, CHIP (1608)  
 R511 1-216-864-91 CONDUCTOR, CHIP (1608)

for SCPH-30003D' & 30004D' GH-012-64MR  
 \*\*\*\*\*

C526 1-164-156-91 CAP, CHIP CERAMIC 0.1MF F (1608)  
 C543 1-113-619-91 CAP, CERAMIC 470000PF F (1608)

IC504 8-752-410-55 IC CXD2942BR  
 IC505 6-800-196-01 IC TC5364200FT-PA06  
 IC518 8-759-680-49 IC TC7WB125FK(TE85R)

R527 1-216-821-91 RES, CHIP 1.0K (1608)

for IC801 : SP3727ACA0PMR(8-7529-685-15)  
 \*\*\*\*\*

C632 1-107-826-91 CAP, CHIP CERAMIC 100000PF  
 C689 1-162-968-91 CAP, CHIP CERAMIC 100000PF

IC606 8-759-712-38 IC HD74HC1G66CME  
 IC606 8-759-712-63 IC MC74VHC1G66DFT1  
 IC801 8-7529-685-15 IC SP3727ACA0PMR

R640 1-216-837-91 RES, CHIP 22K (1608)  
 R643 1-216-850-91 RES, CHIP 270K (1608)

for IC801:SP3727AFA0PMR(6-700-585-01)

\*\*\*\*\*

IC801 6-700-585-01 IC SP3727AFA0PMR

R640 1-216-864-91 CONDUCTOR, CHIP(1608)

**Common Parts**

<CAPACITOR>

C101 1-128-964-91 CAP, CHIP TANTALUM ELECT 100MF  
 C102 1-128-964-91 CAP, CHIP TANTALUM ELECT 100MF  
 C103 1-128-964-91 CAP, CHIP TANTALUM ELECT 100MF  
 C104 1-107-826-91 CAP, CHIP CERAMIC 100000PF B  
 C105 1-107-826-91 CAP, CHIP CERAMIC 100000PF B

<u>Ref.</u>	<u>Part No.</u>	<u>Description</u>	<u>Ref.</u>	<u>Part No.</u>	<u>Description</u>
C159	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C263	1-128-004-21	CAP, ELECT (CHIP) 10MF
C160	1-162-925-91	CAP, CERAMIC 68PF CH (1608)	C265	1-117-720-91	CAP, CERAMIC 4.7MF F (2012)
C161	1-128-964-91	CAP, CHIP TANTALUM ELECT 100MF	C266	1-128-004-21	CAP, ELECT (CHIP) 10MF
C162	1-162-925-91	CAP, CERAMIC 68PF CH (1608)	C267	1-126-210-21	CAP, ELECT 220MF
C163	1-128-964-91	CAP, CHIP TANTALUM ELECT 100MF	C268	1-126-210-21	CAP, ELECT 220MF
C164	1-128-964-91	CAP, CHIP TANTALUM ELECT 100MF	C269	1-164-160-91	CAP, CERAMIC 20PF CH (1608)
C168	1-162-964-91	CAP, CHIP CERAMIC 1000PF B (1608)	C270	1-125-777-81	CAP, CHIP CERAMIC 0.1MF B (1005)
C169	1-164-874-81	CAP, CHIP CERAMIC 100PF CH (1005)	C271	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C170	1-125-837-91	CAP, CHIP CERAMIC 1MF B (1608)	C272	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C175	1-125-777-81	CAP, CHIP CERAMIC 0.1MF B (1005)	C275	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C176	1-125-777-81	CAP, CHIP CERAMIC 0.1MF B (1005)	C276	1-162-965-91	CAP, CERAMIC 1500PF B (1608)
C201	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C277	1-162-965-91	CAP, CERAMIC 1500PF B (1608)
C203	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C278	1-113-619-91	CAP, CERAMIC 470000PF F (1608)
C204	1-162-970-91	CAP, CERAMIC 100000PF B (1608)	C279	1-113-619-91	CAP, CERAMIC 470000PF F (1608)
C205	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C280	1-113-619-91	CAP, CERAMIC 470000PF F (1608)
C206	1-162-964-91	CAP, CHIP CERAMIC 1000PF B (1608)	C281	1-113-619-91	CAP, CERAMIC 470000PF F (1608)
C208	1-162-964-91	CAP, CHIP CERAMIC 1000PF B (1608)	C282	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C209	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C283	1-125-837-91	CAP, CHIP CERAMIC 1MF B (1608)
C210	1-162-964-91	CAP, CHIP CERAMIC 100000PF B (1608)	C284	1-162-964-91	CAP, CHIP CERAMIC 1000PF B (1608)
C211	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C285	1-113-619-91	CAP, CERAMIC 470000PF F (1608)
C212	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C286	1-113-619-91	CAP, CERAMIC 470000PF F (1608)
C213	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C287	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C214	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C288	1-125-837-91	CAP, CHIP CERAMIC 1MF B (1608)
C215	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C289	1-162-964-91	CAP, CHIP CERAMIC 1000PF B (1608)
C216	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C290	1-113-619-91	CAP, CERAMIC 470000PF F (1608)
C217	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C291	1-164-866-81	CAP, CHIP CERAMIC 47PF CH (1005)
C218	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C292	1-107-725-91	CAP, CERAMIC 100000PF B (2012)
C219	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C293	1-137-765-21	CAP, ELECT 47MF
C220	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C294	1-126-210-21	CAP, ELECT 220MF
C221	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C295	1-126-210-21	CAP, ELECT 220MF
C222	1-125-837-91	CAP, CHIP CERAMIC 1MF B (1608)	C296	1-126-210-21	CAP, ELECT 220MF
C223	1-125-837-91	CAP, CHIP CERAMIC 1MF B (1608)	C297	1-126-210-21	CAP, ELECT 220MF
C224	1-125-837-91	CAP, CHIP CERAMIC 1MF B (1608)	C298	1-126-210-21	CAP, ELECT 220MF
C225	1-125-837-91	CAP, CHIP CERAMIC 1MF B (1608)	C301	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C226	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C302	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C227	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C303	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C228	1-125-837-91	CAP, CHIP CERAMIC 1MF B (1608)	C304	1-162-964-91	CAP, CHIP CERAMIC 1000PF B (1608)
C229	1-125-837-91	CAP, CHIP CERAMIC 1MF B (1608)	C305	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C230	1-125-837-91	CAP, CHIP CERAMIC 1MF B (1608)	C306	1-164-387-91	CAP, CERAMIC 240PF CH (1608)
C231	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C307	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C232	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C308	1-165-112-91	CAP, CERAMIC 330000PF F (1608)
C233	1-125-837-91	CAP, CHIP CERAMIC 1MF B (1608)	C309	1-162-970-91	CAP, CERAMIC 1000PF B (1608)
C234	1-125-837-91	CAP, CHIP CERAMIC 1MF B (1608)	C310	1-162-970-91	CAP, CERAMIC 1000PF B (1608)
C235	1-125-837-91	CAP, CHIP CERAMIC 1MF B (1608)	C311	1-162-916-91	CAP, CERAMIC 12PF CH (1608)
C236	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C312	1-162-917-91	CAP, CERAMIC 15PF CH (1608)
C237	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C313	1-162-910-91	CAP, CERAMIC 5.0PF CH (1608)
C238	1-125-837-91	CAP, CHIP CERAMIC 1MF B (1608)	C314	1-162-910-91	CAP, CERAMIC 5.0PF CH (1608)
C239	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C315	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C240	1-125-837-91	CAP			

Ref.	Part No.	Description	Ref.	Part No.	Description	Ref.	Part No.	Description	Ref.	Part No.	Description				
C340	1-125-764-61	CAP, CHIP CERAMIC 100PF CH	C456	1-127-760-91	CAP, CERAMIC 4.7MF	(2012)	C541	1-113-619-91	CAP, CERAMIC 470000PF F	(1608)	C709	1-127-692-91	CAP, CHIP CERAMIC 10MF B	(3225)	
C341	1-125-764-61	CAP, CHIP CERAMIC 100PF CH	C457	1-127-760-91	CAP, CERAMIC 4.7MF	(2012)	C542	1-162-927-91	CAP, CERAMIC 100PF CH	(1608)	C710	1-127-692-91	CAP, CHIP CERAMIC 10MF B	(3225)	
C342	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C458	1-162-964-91	CAP, CHIP CERAMIC 100000PF B	(1608)	C544	1-137-765-21	CAP, ELECT 47MF		C712	1-162-970-91	CAP, CERAMIC 10000PF B	(1608)	
C343	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C460	1-164-174-91	CAP, CERAMIC 8200PF B	(1608)	C545	1-137-765-21	CAP, ELECT 47MF		C714	1-127-692-91	CAP, CHIP CERAMIC 10MF B	(3225)	
C344	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C461	1-164-174-91	CAP, CERAMIC 8200PF B	(1608)	C601	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F	(1608)	C715	1-127-692-91	CAP, CHIP CERAMIC 10MF B	(3225)	
C345	1-125-777-81	CAP, CHIP CERAMIC 0.1MF B	(1005)	C462	1-163-009-91	CAP, CHIP CERAMIC 10000PF B	(2012)	C603	1-162-964-91	CAP, CHIP CERAMIC 1000PF B	(1608)	C716	1-131-999-21	CAP, SOLID ELECT 150MF	
C355	1-125-777-81	CAP, CHIP CERAMIC 0.1MF B	(1005)	C465	1-125-777-81	CAP, CHIP CERAMIC 0.1MF B	(1005)	C605	1-162-964-91	CAP, CHIP CERAMIC 1000PF B	(1608)	C717	1-135-346-21	CAP, SOLID ELECT 39MF	
C356	1-125-777-81	CAP, CHIP CERAMIC 0.1MF B	(1005)	C466	1-125-777-81	CAP, CHIP CERAMIC 0.1MF B	(1005)	C607	1-162-968-91	CAP, CHIP CERAMIC 4700PF B	(1608)	C718	1-135-346-21	CAP, SOLID ELECT 39MF	
C363	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C467	1-126-209-21	CAP, ELECT 100MF		C609	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C722	1-164-937-81	CAP, CHIP CERAMIC 1000PF B	(1005)	
C364	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C468	1-126-209-21	CAP, ELECT 100MF		C623	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F	(1608)	C723	1-137-766-21	CAP, ELECT 68MF		
C365	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C469	1-162-977-91	CAP, CERAMIC 1800PF B	(1608)	C624	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C724	1-137-765-21	CAP, ELECT 47MF		
C366	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C470	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C625	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F	(1608)	C725	1-124-779-21	CAP, ELECT 10MF		
C367	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C471	1-164-379-91	CAP, CERAMIC 43PF CH	(1608)	C629	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F	(1608)	C726	1-162-964-91	CAP, CHIP CERAMIC 1000PF B	(1608)	
C368	1-125-777-81	CAP, CHIP CERAMIC 0.1MF B	(1005)	C472	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C630	1-164-173-91	CAP, CERAMIC 3900PF B	(1608)	C727	1-164-937-81	CAP, CHIP CERAMIC 1000PF B	(1005)
C369	1-125-777-81	CAP, CHIP CERAMIC 0.1MF B	(1005)	C473	1-162-970-91	CAP, CERAMIC 10000PF B	(1608)	C631	1-162-968-91	CAP, CHIP CERAMIC 4700PF B	(1608)	C730	1-127-820-91	CAP, SQUARE TYPE CHIP 4.7MF	
C370	1-162-964-91	CAP, CHIP CERAMIC 1000PF B	(1608)	C474	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C633	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F	(1608)	C791	1-164-245-91	CAP, CERAMIC 15000PF B	(1608)
C371	1-162-964-91	CAP, CHIP CERAMIC 1000PF B	(1608)	C475	1-164-730-91	CAP, CERAMIC 1200PF B	(1608)	C634	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F	(1608)	C792	1-104-851-91	CAP, CHIP TANTALUM ELECT 10MF	
C372	1-165-492-21	CAP, ELECT 100MF	C476	1-115-339-91	CAP, CERAMIC 0.1MF B	(2012)	C635	1-162-968-91	CAP, CHIP CERAMIC 4700PF B	(1608)	C793	1-164-505-91	CAP, CHIP CERAMIC 2.2MF F	(2012)	
C373	1-165-492-21	CAP, ELECT 100MF	C477	1-127-760-91	CAP, CERAMIC 4.7MF	(2012)	C636	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C794	1-163-009-91	CAP, CHIP CERAMIC 1000PF B	(2012)	
C401	1-125-777-81	CAP, CHIP CERAMIC 0.1MF B	(1005)	C479	1-125-837-91	CAP, CHIP CERAMIC 1MF B	(1608)	C637	1-162-964-91	CAP, CHIP CERAMIC 1000PF B	(1608)	C795	1-163-009-91	CAP, CHIP CERAMIC 1000PF B	(2012)
C402	1-164-505-91	CAP, CHIP CERAMIC 2.2MF F	(2012)	C480	1-115-339-91	CAP, CERAMIC 0.1MF B	(2012)	C638	1-107-726-91	CAP, CHIP CERAMIC 10000PF B	(1608)	C797	1-162-927-91	CAP, CERAMIC 100PF CH	(1608)
C403	1-164-937-81	CAP, CHIP CERAMIC 1000PF B	(1005)	C482	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C639	1-164-217-91	CAP, CERAMIC 150PF CH	(1608)	C798	1-162-927-91	CAP, CERAMIC 100PF CH	(1608)
C404	1-125-837-91	CAP, CHIP CERAMIC 1MF B	(1608)	C483	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C640	1-135-259-91	CAP, CHIP TANTALUM ELECT 10MF		C801	1-115-467-91	CAP, CHIP CERAMIC 0.22MF B	(1608)
C405	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C485	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C642	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F	(1608)	C802	1-115-467-91	CAP, CHIP CERAMIC 0.22MF B	(1608)
C406	1-135-593-21	CAP, ELECT 150MF	C486	1-137-765-21	CAP, ELECT 47MF		C643	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C803	1-162-927-91	CAP, CERAMIC 100PF CH	(1608)	
C407	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C487	1-131-999-21	CAP, SOLID ELECT 150MF		C644	1-164-230-91	CAP, CERAMIC 220PF CH	(1608)	C804	1-162-927-91	CAP, CERAMIC 100PF CH	(1608)
C408	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C488	1-115-566-91	CAP, CERAMIC 4.7MF B		C645	1-165-176-91	CAP, CERAMIC 47000PF B	(1608)	C805	1-162-927-91	CAP, CERAMIC 100PF CH	(1608)
C409	1-162-969-91	CAP, CERAMIC 6800PF B	(1608)	C489	1-131-999-21	CAP, SOLID ELECT 150MF		C646	1-162-964-91	CAP, CHIP CERAMIC 1000PF B	(1608)	C806	1-162-927-91	CAP, CERAMIC 100PF CH	(1608)
C411	1-127-692-91	CAP, CHIP CERAMIC 10MF B	(3225)	C490	1-126-209-21	CAP, ELECT 100MF		C647	1-117-863-91	CAP, CHIP CERAMIC 0.47MF B	(1608)	C807	1-162-927-91	CAP, CERAMIC 100PF CH	(1608)
C414	1-162-965-91	CAP, CERAMIC 1500PF B	(1608)	C492	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C648	1-164-360-91	CAP, CERAMIC 0.1MF F	(1608)	C808	1-162-927-91	CAP, CERAMIC 100PF CH	(1608)
C415	1-165-176-91	CAP, CERAMIC 47000PF B	(1608)	C493	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C649	1-107-726-91	CAP, CHIP CERAMIC 10000PF B	(1608)	C809	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	
C416	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C494	1-107-725-91	CAP, CERAMIC 100000PF B	(2012)	C650	1-164-230-91	CAP, CERAMIC 220PF CH	(1608)	C810	1-104-851-91	CAP, CHIP TANTALUM ELECT 10MF	
C417	1-164-379-91	CAP, CERAMIC 43PF CH	(1608)	C495	1-125-837-91	CAP, CHIP CERAMIC 1MF B	(1608)	C651	1-162-966-91	CAP, CERAMIC 2200PF B	(1608)	C811	1-135-900-21	CAP, TANTALUM ELECT 22MF	
C418	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	(1608)	C496	1-107-682-91	CAP, CERAMIC 100000PF B	(3216)	C652	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C812	1-164-730-91	CAP, CERAMIC 1200PF B	(1608)
C419	1-162-970-91	CAP, CERAMIC 10000PF B	(1608)	C498	1-127-760-91	CAP, CERAMIC 4.7MF	(2012)	C653	1-162-966-91	CAP, CERAMIC 2200PF B	(1608)	C819	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	
C420	1-107-826-91	CAP, CHIP CERAMIC 100000PF B		C499	1-164-505-91	CAP, CHIP CERAMIC 2.2MF F	(2012)	C654	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F	(1608)	C821	1-104-851-91	CAP, CHIP TANTALUM ELECT 10MF	
C421	1-127-820-														

Ref.	Part No.	Description	Ref.	Part No.	Description	Ref.	Part No.	Description	Ref.	Part No.	Description
C862	1-164-739-91	CAP, CERAMIC 560PF CH (1608)	C942	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D209	8-719-064-61	DIODE 01BZA8.2(TE85L)	FL302	1-234-601-21	NETWORK, RC (USB) (3216)
C863	1-162-964-91	CAP, CHIP CERAMIC 10000PF B (1608)	C943	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D210	8-719-064-61	DIODE 01BZA8.2(TE85L)			<IC>
C866	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C944	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D301	8-719-071-87	DIODE MA785-(TX),SO	IC101	8-759-831-20	IC CY2212ZC-2T
C868	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F (1608)	C945	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D402	8-719-074-34	DIODE RB495D-T146	IC102	8-759-837-33	IC K4R271669A-SCK8T00
C869	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F (1608)	C946	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D403	8-719-074-34	DIODE RB495D-T146	IC103	8-759-837-33	IC K4R271669A-SCK8T00
C870	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F (1608)	C947	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D404	8-719-033-15	DIODE HN2D02FU-TE85R	IC104	8-759-699-09	IC CXD9615GB
C871	1-164-677-91	CAP, CERAMIC 33000PF B (1608)	C948	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D405	8-719-078-04	DIODE EC31QS03L-TE12L	IC105	8-759-689-90	IC LM74CIMX-3
C872	1-115-467-91	CAP, CHIP CERAMIC 0.22MF B (1608)	C949	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D407	8-719-074-34	DIODE RB495D-T146	IC201	8-759-831-20	IC CY2212ZC-2T
C873	1-164-392-91	CAP, CERAMIC 390PF CH (1608)	C950	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D408	8-719-074-34	DIODE RB495D-T146	IC202	8-752-404-01	IC CXD2934GB-T7
C874	1-164-677-91	CAP, CERAMIC 33000PF B (1608)	C951	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D500	8-719-941-21	DIODE DAP202UT106			for CEX-DA10002B/C model only
C875	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C952	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D501	8-719-082-76	DIODE CL-201TLY-C-TU	IC205	6-700-230-01	IC SC44728BPBEB
C876	1-125-838-91	CAP, CHIP CERAMIC 2.2MF B (2012)	C953	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D801	8-719-065-68	DIODE MAZF04700LS0	IC206	8-752-093-56	IC CXA3525R-T4
C877	1-164-173-91	CAP, CERAMIC 3900PF B (1608)	C954	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	D802	8-719-065-68	DIODE MAZF04700LS0	IC206	8-752-099-53	IC CXA3525BR-T4
C879	1-164-739-91	CAP, CERAMIC 560PF CH (1608)	C955	1-107-826-91	CAP, CHIP CERAMIC 100000PF B			<FUSE>	IC207	8-759-391-69	IC MC78M05CDTRK
C880	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C956	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	△ F001	1-576-434-21	FUSE, CHIP	IC207	8-759-691-00	IC JCP78M05CDTRK
C882	1-127-692-91	CAP, CHIP CERAMIC 10MF B (3225)	C957	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	△ F003	1-576-434-21	FUSE, CHIP	IC207	8-759-697-61	IC L78M05CDT-TR(P)
C883	1-163-038-91	CAP, CERAMIC 100000PF F (2012)	C958	1-107-826-91	CAP, CHIP CERAMIC 100000PF B			<FERRITE BEAD>	IC209	8-759-697-60	IC MM3071CFBE
C888	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C959	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	FB102	1-469-667-21	FERRITE, EMI (SMD)	IC303	8-759-699-11	IC CXD9619GB
C889	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C960	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	FB103	1-469-667-21	FERRITE, EMI (SMD)	IC305	6-700-549-01	IC K4Q153212MJC60T
C890	1-104-851-91	CAP, CHIP TANTALUM ELECT 10MF	C961	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	FB201	1-414-813-21	FERRITE, EMI (SMD)	IC305	6-700-119-01	IC T5NB8(YEL)
C891	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C962	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	FB202	1-500-113-22	BEAD, FERRITE (CHIP)	IC306	8-759-688-07	IC MM3051NULE
C895	1-162-964-91	CAP, CHIP CERAMIC 1000PF B (1608)	C963	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	FB203	1-500-113-22	BEAD, FERRITE (CHIP)	IC306	8-759-697-24	IC S-817A12ANB-CUB-T2
C897	1-164-677-91	CAP, CERAMIC 33000PF B (1608)	C965	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	FB204	1-500-113-22	BEAD, FERRITE (CHIP)	IC401	8-759-661-25	IC S-80769SN-J0-T1
C898	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F (1608)	C966	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	FB205	1-500-113-22	BEAD, FERRITE (CHIP)	IC402	8-759-837-34	IC TMP87C807U-2A69(EL)
C899	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F (1608)	C967	1-125-837-91	CAP, CHIP CERAMIC 1MF B (1608)	FB206	1-500-113-22	BEAD, FERRITE (CHIP)	IC403	6-700-234-01	IC BD3992F-E2
C901	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C968	1-125-837-91	CAP, CHIP CERAMIC 1MF B (1608)	FB207	1-469-667-21	FERRITE, EMI (SMD)	IC403	6-700-234-01	IC BD3992F-E2
C902	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C980	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	FB208	1-469-667-21	FERRITE, EMI (SMD)	IC404	8-759-689-89	IC SN104809DBTR
C903	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C981	1-125-837-91	CAP, CHIP CERAMIC 1MF B (1608)	FB303	1-414-555-21	FERRITE, EMI (SMD)	IC405	8-759-560-17	IC RS5C348A-E2
C904	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C982	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	FB304	1-414-555-21	FERRITE, EMI (SMD)	IC406	8-759-698-67	IC BR2880F-E2
C905	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C983	1-125-837-91	CAP, CHIP CERAMIC 1MF B (1608)	FB305	1-414-555-21	FERRITE, EMI (SMD)	IC407	8-759-712-66	IC PQ018PZ01ZP
C906	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C984	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	FB306	1-414-555-21	FERRITE, EMI (SMD)	IC408	8-759-712-65	IC PQ070XZ01ZP
C907	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C985	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	FB307	1-414-555-21	FERRITE, EMI (SMD)	IC409	8-759-689-89	IC SN104809DBTR
C908	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C986	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	FB308	1-414-555-21	FERRITE, EMI (SMD)	IC410	8-749-018-42	IC SI-3026LSA-TL
C909	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C987	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	FB309	1-414-555-21	FERRITE, EMI (SMD)	IC411	8-759-688-06	IC MM3031JULE
C910	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C988	1-125-837-91	CAP, CHIP CERAMIC 1MF B (1608)	FB310	1-414-555-21	FERRITE, EMI (SMD)	IC413	6-700-233-01	IC MM1573ZNLE
C911	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C989	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	FB311	1-414-555-21	FERRITE, EMI (SMD)	IC413	8-759-598-12	IC LP2985IM5X-3.5
C912	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C990	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	FB312	1-414-555-21	FERRITE, EMI (SMD)	IC414	8-759-069-41	IC TA7808F(TE16L)
C913	1-107-826-91	CAP, CHIP CERAMIC 100000PF B			<CONNECTOR>	FB313	1-469-324-21	FERRITE, EMI (SMD)	IC414	8-759-473-16	IC BA17808FP-E2
C914	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	CN201	1-815-631-11	CONNECTOR, SQUARE TYPE 12P	FB314	1-469-324-21	FERRITE, EMI (SMD)	IC414	8-759-697-62	IC NJM7808DL1A(TE1)
C915	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	CN302	1-794-206-21	CONNECTOR, FFC/FPC (ZIF) 36P	FB315	1-469-324-21	FERRITE, EMI (SMD)	IC415	8-759-581-11	IC NJM2125F(TE2)
C916	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	CN303	1-694-822-11	TERMINAL BOARD (ILINK/USB)	FB316	1-469-324-21	FERRITE, EMI (SMD)	IC501	6-700-231-01	IC CXD9611AR
C917	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	CN401	1-815-630-11	PIN, CONNECTOR 4P	FB317	1-469-110-21	FERRITE, EMI (SMD)	IC5		

Ref.	Part No.	Description	Ref.	Part No.	Description	Ref.	Part No.	Description	Ref.	Part No.	Description
		<INDUCTOR>			<RESISTOR>						
L102	1-469-967-21	INDUCTOR, CHIP 10UH (2518)	R101	1-220-884-81	RES, CHIP 39 (1005)	R258	1-208-923-81	RES, CHIP 33K (1005)	R409	1-216-864-91	CONDUCTOR, CHIP (1608)
L202	1-469-967-21	INDUCTOR, CHIP 10UH (2518)	R102	1-208-866-81	RES, CHIP 130 (1005)	R259	1-216-824-91	RES, CHIP 1.8K (1608)	R410	1-218-883-91	RES, CHIP 33K (1608)
L203	1-469-967-21	INDUCTOR, CHIP 10UH (2518)	R103	1-220-884-81	RES, CHIP 39 (1005)	R261	1-218-961-81	RES, CHIP 4.7K (1608)	R411	1-218-883-91	RES, CHIP 33K (1608)
L206	1-412-956-21	INDUCTOR, SMALL TYPE 27UH (2518)	R104	1-208-866-81	RES, CHIP 130 (1005)	R263	1-216-825-91	RES, CHIP 2.2K (1608)	R412	1-218-883-91	RES, CHIP 33K (1608)
L401	1-411-197-21	COIL, DD CONVERTER	R105	1-216-864-91	CONDUCTOR, CHIP (1608)	R264	1-216-821-91	RES, CHIP 1.0K (1608)	R413	1-218-891-91	RES, CHIP 68K (1608)
L404	1-424-854-21	COIL (SMD), CHOKE 2.0UH	R106	1-216-809-91	RES, CHIP 100 (1608)	R265	1-216-821-91	RES, CHIP 1.0K (1608)	R414	1-218-859-91	RES, CHIP 3.3K (1608)
L408	1-419-898-21	COIL, CHOKE 5.6UH	R107	1-216-809-91	RES, CHIP 100 (1608)	R270	1-218-853-91	RES, CHIP 1.8K (1608)	R415	1-216-839-91	RES, CHIP 33K (1608)
L410	1-411-197-21	COIL, DD CONVERTER	R109	1-218-961-81	RES, CHIP 4.7K (1608)	R272	1-218-859-91	RES, CHIP 3.3K (1608)	R416	1-216-839-91	RES, CHIP 33K (1608)
L412	1-411-197-21	COIL, DD CONVERTER	R110	1-211-983-91	RES, CHIP 39 (1608)	R273	1-218-851-91	RES, CHIP 1.5K (1608)	R417	1-216-813-91	RES, CHIP 220 (1608)
L801	1-469-524-91	INDUCTOR 4.7UH (NLFV25)	R111	1-211-983-91	RES, CHIP 39 (1608)	R277	1-218-853-91	RES, CHIP 1.8K (1608)	R418	1-216-837-91	RES, CHIP 22K (1608)
L802	1-469-524-91	INDUCTOR 4.7UH (NLFV25)	R112	1-211-989-91	RES, CHIP 68 (1608)	R278	1-218-859-91	RES, CHIP 3.3K (1608)	R419	1-216-833-91	RES, CHIP 10K (1608)
L803	1-414-394-41	INDUCTOR (SMD) 2.2UH	R113	1-211-989-91	RES, CHIP 68 (1608)	R279	1-218-851-91	RES, CHIP 1.5K (1608)	R420	1-216-833-91	RES, CHIP 10K (1608)
		<COIL>	R114	1-211-983-91	RES, CHIP 39 (1608)	R292	1-216-833-91	RES, CHIP 10K (1608)	R421	1-216-790-91	RES, CHIP 2.7 (1608)
LF101	1-419-100-21	COIL, COMMON-MODE CHOKE	R115	1-211-983-91	RES, CHIP 39 (1608)	R294	1-216-829-91	RES, CHIP 4.7K (1608)	R422	1-216-797-91	RES, CHIP 10 (1608)
LF801	1-416-405-21	FILTER, CHIP EMI (COMMON MODE)	R116	1-211-983-91	RES, CHIP 39 (1608)	R295	1-216-833-91	RES, CHIP 10K (1608)	R423	1-216-790-91	RES, CHIP 2.7 (1608)
		<LINK>	R117	1-211-983-91	RES, CHIP 39 (1608)	R307	1-208-857-81	RES, CHIP 56 (1005)	R424	1-216-797-91	RES, CHIP 10 (1608)
△ PS001	1-576-519-21	FUSE, MICRO (1608) TYPE	R118	1-211-973-91	RES, CHIP 15 (1608)	R308	1-208-904-81	RES, CHIP 5.1K (1005)	R426	1-218-874-91	RES, CHIP 13K (1608)
△ PS002	1-533-940-21	RINK, CHIP IC	R119	1-211-973-91	RES, CHIP 15 (1608)	R309	1-211-987-91	RES, CHIP 56 (1608)	R427	1-218-871-91	RES, CHIP 10K (1608)
△ PS003	1-533-940-21	RINK, CHIP IC	R120	1-211-973-91	RES, CHIP 15 (1608)	R310	1-211-987-91	RES, CHIP 56 (1608)	R428	1-216-309-91	RES, CHIP 5.6 (2012)
△ PS004	1-533-940-21	RINK, CHIP IC	R121	1-211-973-91	RES, CHIP 15 (1608)	R311	1-216-829-91	RES, CHIP 4.7K (1608)	R429	1-216-833-91	RES, CHIP 10K (1608)
△ PS006	1-533-915-41	RINK, CHIP IC	R122	1-216-864-91	CONDUCTOR, CHIP (1608)	R312	1-208-857-81	RES, CHIP 56 (1005)	R430	1-216-813-91	RES, CHIP 220 (1608)
△ PS007	1-533-282-21	LINK, IC	R123	1-218-990-81	CONDUCTOR, CHIP (1005)	R315	1-218-866-91	RES, CHIP 6.2K (1608)	R431	1-216-813-91	RES, CHIP 220 (1608)
△ PS008	1-533-940-21	RINK, CHIP IC	R124	1-216-864-91	CONDUCTOR, CHIP (1608)	R316	1-216-797-91	RES, CHIP 10 (1608)	R432	1-216-829-91	RES, CHIP 4.7K (1608)
△ PS009	1-533-915-41	RINK, CHIP IC	R125	1-218-990-81	CONDUCTOR, CHIP (1005)	R318	1-218-990-81	CONDUCTOR, CHIP (1005)	R433	1-216-829-91	RES, CHIP 4.7K (1608)
△ PS010	1-533-282-21	LINK, IC	R126	1-216-833-91	RES, CHIP 10K (1608)	R320	1-219-570-91	RES, CHIP 10M (1608)	R434	1-216-810-91	RES, CHIP 120 (1608)
△ PS011	1-576-519-21	FUSE, MICRO (1608) TYPE	R127	1-216-829-91	RES, CHIP 4.7K (1608)	R321	1-216-813-91	RES, CHIP 220 (1608)	R435	1-216-810-91	RES, CHIP 120 (1608)
△ PS012	1-533-915-41	RINK, CHIP IC	R128	1-216-829-91	RES, CHIP 4.7K (1608)	R322	1-216-857-91	RES, CHIP 1.0M (1608)	R438	1-218-850-91	RES, CHIP 1.3K (1608)
△ PS013	1-533-940-21	RINK, CHIP IC	R129	1-216-821-91	RES, CHIP 1.0K (1608)	R324	1-216-833-91	RES, CHIP 10K (1608)	R439	1-218-857-91	RES, CHIP 2.7K (1608)
△ PS014	1-533-282-21	LINK, IC	R130	1-216-817-91	RES, CHIP 470 (1608)	R327	1-216-833-91	RES, CHIP 10K (1608)	R440	1-218-859-91	RES, CHIP 3.3K (1608)
△ PS015	1-533-915-41	RINK, CHIP IC	R131	1-216-833-91	RES, CHIP 10K (1608)	R328	1-216-841-91	RES, CHIP 47K (1608)	R441	1-218-879-91	RES, CHIP 22K (1608)
		<TRANSISTOR>	R132	1-216-833-91	RES, CHIP 10K (1608)	R329	1-216-805-91	RES, CHIP 47 (1608)	R442	1-218-869-91	RES, CHIP 8.2K (1608)
Q201	8-729-026-50	TRANSISTOR 2SA1037AK-T146-QR	R133	1-216-833-91	RES, CHIP 10K (1608)	R330	1-211-973-91	RES, CHIP 15 (1608)	R443	1-218-865-91	RES, CHIP 5.6K (1608)
Q204	8-729-049-77	TRANSISTOR HN1B01F-GR(T5LSONY)	R134	1-218-965-81	RES, CHIP 10K (1608)	R331	1-216-805-91	RES, CHIP 47 (1608)	R444	1-218-881-91	RES, CHIP 27K (1608)
Q205	8-729-013-22	TRANSISTOR HN1A01FU-TE85R	R135	1-216-864-91	CONDUCTOR, CHIP (1608)	R332	1-216-817-91	RES, CHIP 470 (1608)	R445	1-218-849-91	RES, CHIP 1.2K (1608)
Q206	8-729-037-63	TRANSISTOR UN9115J-(TX).SO for SCPH-30003D'/-30004D'	R136	1-216-801-91	RES, CHIP 22 (1608)	R333	1-216-817-91	RES, CHIP 470 (1608)	R446	1-216-817-91	RES, CHIP 470 (1608)
Q401	8-729-055-58	TRANSISTOR SI4894DY-T1	R137	1-218-953-81	RES, CHIP 1.0K (1608)	R334	1-216-829-91	RES, CHIP 4.7K (1608)	R447	1-216-817-91	RES, CHIP 470 (1608)
Q402	8-729-053-80	TRANSISTOR SI4830DY-T1	R138	1-216-864-91	CONDUCTOR, CHIP (1608)	R335	1-216-829-91	RES, CHIP 4.7K (1608)	R448	1-218-965-81	RES, CHIP 10K (1608)
Q404	8-729-052-07	TRANSISTOR HAT2064R-EL	R139	1-216-801-91	RES, CHIP 22 (1608)	R336	1-216-821-91	RES, CHIP 1.0K (1608)	R449	1-216-850-91	RES, CHIP 270K (1608)
Q405	8-729-427-47	TRANSISTOR XP4213-TXE	R140	1-216-821-91	RES, CHIP 1.0K (1608)	R347	1-211-986-91	RES, CHIP 51 (1608)	R451	1-218-949-81	RES, CHIP 470 (1608)
Q406	8-729-053-80	TRANSISTOR SI4830DY-T1	R141	1-216-821-91	RES, CHIP 1.0K (1608)	R349	1-216-821-91	RES, CHIP 1.0K (1608)	R452	1-216-797-91	RES, CHIP 10 (1608)
Q407	8-729-046-04	TRANSISTOR FDS6690A	R142	1-216-829-91	RES, CHIP 4.7K (1608)	R350	1-216-807-91	RES, CHIP 68 (1608)	R453	1-216-797-91	RES, CHIP 10 (1608)
Q408	8-729-051-61	TRANSISTOR IRF7807D1-TR	R143	1-216-829-91	RES, CHIP 91 (1608)	R351	1-216-805-91	RES, CHIP 47 (1608)	R454	1-216-797-91	RES, CHIP 10 (1608)
Q409	8-729-013-97	TRANSISTOR RN1304-TE85L	R144	1-218-828-91	RES, CHIP 22 (1608)	R352	1-216-797-91	RES, CHIP 10 (1608)	R455	1-216-845-91	RES, CHIP 10

Ref.	Part No.	Description	Ref.	Part No.	Description	Ref.	Part No.	Description	Ref.	Part No.	Description		
R509	1-216-821-91	RES, CHIP 1.0K	(1608)	R817	1-216-158-91	RES, CHIP 22	(3216)	RB121	1-233-575-21	RES, CHIP NETWORK 22	RB603	1-233-415-21	RES, CHIP NETWORK 10K
R513	1-216-805-91	RES, CHIP 47	(1608)	R818	1-216-797-91	RES, CHIP 10	(1608)	RB122	1-233-575-21	RES, CHIP NETWORK 22	RB606	1-233-412-21	RES, CHIP NETWORK 1.0K
R516	1-216-809-91	RES, CHIP 100	(1608)	R819	1-218-889-91	RES, CHIP 56K	(1608)	RB123	1-233-575-21	RES, CHIP NETWORK 22	RB607	1-233-415-21	RES, CHIP NETWORK 10K
R517	1-216-809-91	RES, CHIP 100	(1608)	R820	1-218-881-91	RES, CHIP 27K	(1608)	RB124	1-233-575-21	RES, CHIP NETWORK 22	RB609	1-233-423-21	RES, CHIP NETWORK 47
R522	1-216-833-91	RES, CHIP 10K	(1608)	R821	1-218-881-91	RES, CHIP 27K	(1608)	RB125	1-233-575-21	RES, CHIP NETWORK 22	RB611	1-233-415-21	RES, CHIP NETWORK 10K
R531	1-216-809-91	RES, CHIP 100	(1608)	R822	1-218-881-91	RES, CHIP 27K	(1608)	RB126	1-233-575-21	RES, CHIP NETWORK 22	RB803	1-233-415-21	RES, CHIP NETWORK 10K
R574	1-216-812-91	RES, CHIP 180	(1608)	R823	1-218-890-91	RES, CHIP 62K	(1608)	RB130	1-233-423-21	RES, CHIP NETWORK 47	<THERMISTOR>		
R575	1-216-850-91	RES, CHIP 270K	(1608)	R826	1-218-871-91	RES, CHIP 10K	(1608)	RB131	1-233-423-21	RES, CHIP NETWORK 47	△ TH001	1-804-479-21	THERMISTOR, POSITIVE
R576	1-216-833-91	RES, CHIP 10K	(1608)	R827	1-218-871-91	RES, CHIP 10K	(1608)	RB132	1-233-423-21	RES, CHIP NETWORK 47	△ TH002	1-804-478-21	THERMISTOR, POSITIVE
R577	1-216-818-91	RES, CHIP 560	(1608)	R828	1-218-881-91	RES, CHIP 27K	(1608)	RB133	1-233-423-21	RES, CHIP NETWORK 47	<CRYSTAL>		
R578	1-216-818-91	RES, CHIP 560	(1608)	R830	1-216-815-91	RES, CHIP 330	(1608)	RB134	1-233-423-21	RES, CHIP NETWORK 47	X101	1-781-640-21	VIBRATOR, CRYSTAL
R579	1-216-833-91	RES, CHIP 10K	(1608)	R831	1-216-810-91	RES, CHIP 120	(1608)	RB135	1-233-423-21	RES, CHIP NETWORK 47	X201	1-781-640-21	VIBRATOR, CRYSTAL
R580	1-216-850-91	RES, CHIP 270K	(1608)	R834	1-208-911-81	RES, CHIP 10K	(1005)	RB136	1-233-423-21	RES, CHIP NETWORK 47	X202	1-781-857-21	OSCILLATOR, CRYSTAL
R604	1-216-845-91	RES, CHIP 100K	(1608)	R837	1-208-922-81	RES, CHIP 30K	(1005)	RB137	1-233-423-21	RES, CHIP NETWORK 47	X301	1-781-856-21	VIBRATOR, CRYSTAL
R606	1-216-833-91	RES, CHIP 10K	(1608)	R838	1-208-922-81	RES, CHIP 30K	(1005)	RB139	1-233-414-21	RES, CHIP NETWORK 4.7K	X302	1-781-768-21	VIBRATOR, CRYSTAL
R607	1-216-833-91	RES, CHIP 10K	(1608)	R840	1-208-916-81	RES, CHIP 16K	(1005)	RB241	1-233-414-21	RES, CHIP NETWORK 4.7K	A-6712-984-A	MOUNTED CIRCUIT BOARD, GB-004	
R613	1-216-833-91	RES, CHIP 10K	(1608)	R843	1-208-922-81	RES, CHIP 30K	(1005)	RB294	1-233-414-21	RES, CHIP NETWORK 4.7K	*****		
R614	1-216-833-91	RES, CHIP 10K	(1608)	R846	1-208-922-81	RES, CHIP 30K	(1005)	RB295	1-233-412-21	RES, CHIP NETWORK 1.0K	PLACE CODE #25BG		
R619	1-216-833-91	RES, CHIP 10K	(1608)	R847	1-218-977-81	RES, CHIP 100K		RB296	1-234-598-21	RES, CHIP NETWORK 75X4	X401	1-760-496-22	VIBRATOR, LITHIUM NIOBATE
R620	1-216-833-91	RES, CHIP 10K	(1608)	R850	1-208-911-81	RES, CHIP 10K	(1005)	RB297	1-234-599-21	RES, CHIP NETWORK 180X4	X402	1-767-300-21	VIBRATOR, CRYSTAL
R623	1-216-837-91	RES, CHIP 22K	(1608)	R851	1-208-916-81	RES, CHIP 16K	(1005)	RB298	1-234-598-21	RES, CHIP NETWORK 75X4	*****		
R624	1-216-850-91	RES, CHIP 270K	(1608)	R852	1-218-873-91	RES, CHIP 12K	(1608)	RB303	1-233-412-21	RES, CHIP NETWORK 1.0K	A-6712-984-A		
R625	1-216-864-91	CONDUCTOR, CHIP	(1608)	R853	1-216-298-91	RES, CHIP 2.2	(2012)	RB305	1-233-575-21	RES, CHIP NETWORK 22	*****		
R626	1-216-833-91	RES, CHIP 10K	(1608)	R854	1-216-298-91	RES, CHIP 2.2	(2012)	RB310	1-233-681-91	RES, NETWORK 4.7K	PLACE CODE #25BG		
R627	1-216-837-91	RES, CHIP 22K	(1608)	R855	1-216-298-91	RES, CHIP 2.2	(2012)	RB311	1-233-679-91	RES, NETWORK 470	<BATTERY>		
R630	1-216-837-91	RES, CHIP 22K	(1608)	R856	1-216-298-91	RES, CHIP 2.2	(2012)	RB312	1-233-786-91	RES, NETWORK 220	BT101	1-756-076-21	HOLDER, LITHIUM BATTERY
R636	1-216-864-91	CONDUCTOR, CHIP	(1608)	R866	1-216-845-91	RES, CHIP 100K	(1608)	RB314	1-233-681-91	RES, NETWORK 4.7K	<CONNECTOR>		
R642	1-216-833-91	RES, CHIP 10K	(1608)	R868	1-216-849-91	RES, CHIP 220K	(1608)	RB317	1-233-423-21	RES, CHIP NETWORK 47	CN101	1-815-648-21	PIN, CONNECTOR (PC BOARD) 2P
R644	1-216-837-91	RES, CHIP 22K	(1608)	R870	1-216-849-91	RES, CHIP 220K	(1608)	RB318	1-233-423-21	RES, CHIP NETWORK 47	*****		
R649	1-216-833-91	RES, CHIP 10K	(1608)	R871	1-218-896-91	RES, CHIP 110K	(1608)	RB319	1-233-423-21	RES, CHIP NETWORK 47	A-6712-983-A		
R650	1-216-833-91	RES, CHIP 10K	(1608)	R872	1-216-844-91	RES, CHIP 82K	(1608)	RB320	1-233-423-21	RES, CHIP NETWORK 47	*****		
R651	1-216-835-91	RES, CHIP 15K	(1608)	R873	1-216-839-91	RES, CHIP 33K	(1608)	RB321	1-233-423-21	RES, CHIP NETWORK 47	PLACE CODE #25SW		
R653	1-216-845-91	RES, CHIP 100K	(1608)	R874	1-216-828-91	RES, CHIP 3.9K	(1608)	RB322	1-233-412-21	RES, CHIP NETWORK 1.0K	<CONNECTOR>		
R654	1-216-845-91	RES, CHIP 100K	(1608)	R875	1-216-023-91	RES, CHIP 82	(2012)	RB323	1-233-412-21	RES, CHIP NETWORK 1.0K	CN751	1-785-470-21	CONNECTOR, FPC(LIF(NON-ZIF))7P
R657	1-216-839-91	RES, CHIP 33K	(1608)	R876	1-216-023-91	RES, CHIP 82	(2012)	RB324	1-233-412-21	RES, CHIP NETWORK 1.0K	<DIODE>		
R658	1-216-833-91	RES, CHIP 10K	(1608)	R877	1-216-023-91	RES, CHIP 82	(2012)	RB325	1-233-412-21	RES, CHIP NETWORK 1.0K	D751	8-719-078-90	DIODE CL-165HR/G1-D-T
R660	1-216-833-91	RES, CHIP 10K	(1608)	R878	1-216-023-91	RES, CHIP 82	(2012)	RB326	1-233-412-21	RES, CHIP NETWORK 1.0K	D752	8-719-080-04	DIODE CL-190UB-X-T
R661	1-216-833-91	RES, CHIP 10K	(1608)	R879	1-216-023-91	RES, CHIP 82	(2012)	RB327	1-233-415-21	RES, CHIP NETWORK 10K	<TRANSISTOR>		
R667	1-216-861-91	RES, CHIP 2.2M	(1608)	R880	1-216-023-91	RES, CHIP 82	(2012)	RB328	1-233-414-21	RES, CHIP NETWORK 4.7K	Q751	8-729-013-97	TRANSISTOR RN1304-TE85L
R668	1-216-853-91	RES, CHIP 470K	(1608)	R881	1-216-023-91	RES, CHIP 82	(2012)	RB329	1-233-783-91	RES, NETWORK 22	Q751	8-729-029-14	TRANSISTOR DTC144EUA-T106
R669	1-216-845-91	RES, CHIP 100K	(1608)	R882	1-216-023-91	RES, CHIP 82	(2012)	RB402	1-233-803-91	RES, NETWORK 1.5K	<RESISTOR>		
R670	1-216-833-91	RES, CHIP 10K	(1608)	R901	1-218-937-81	RES, CHIP 47		RB403	1-233-789-91	RES, NETWORK 10K	R751	1-216-833-81	RES, CHIP 10K
R671	1-216-827-91	RES, CHIP 3.3K	(1608)	R902	1-218-937-81	RES, CHIP 47		RB405	1-233-803-91	RES, NETWORK 1.5K	R751	1-216-833-91	RES, CHIP 10K
R672	1-216-888-91	RES, CHIP 51K	(1608)	R974	1-216-801-91	RES, CHIP 22	(1608)	RB406	1-233-792-91	RES, NETWORK 100K	R751	1-220-740-51	RES, METAL FILM 10K
R673	1-216-827-91	RES, CHIP 3.3K	(1608)	R975	1-216-801-91	RES, CHIP 22	(1608)	RB408	1-233-415-21	RES, CHIP NETWORK 10K	R752	1-216-835-91	RES, CHIP 15K
R674	1-216-845-91	RES, CHIP 100K											

<u>Ref.</u>	<u>Part No.</u>	<u>Description</u>	
	SUPPLIED ACCESSORIES		PLACE CODE #23
	*****	*****	*****
△ AC	1-751-115-21	CORD, POWER	SCPH-30003D'
MC	3-066-441-11	MASTER CARTON, 3 SETS	SCPH-30003D'
△ AC	1-575-131-82	CORD, POWER	SCPH-30004D'
MC	3-066-441-01	MASTER CARTON, 3 SETS	SCPH-30004D'
CONV	1-573-291-12	CONNECTOR, CONVERSION	
AV	1-792-028-11	CORD, CONNECTION	
CONT	1-792-238-72	CORD, CONNECTION	
SH	3-060-494-01	SHEET, PROTECTION	
CU	3-064-714-01	CUSHION	
PA	3-065-172-01	PAD, TOGETHER PACKING	
CA	3-066-440-12	INDIVIDUAL CARTON	
	MANUAL BLOCK ASSY		PLACE CODE #23
	*****	*****	*****
RE	3-066-159-02	CARD (B), OWNER REGISTRATION	for SCPH-30003D'
DISC	3-066-725-02	DISK, DEMONSTRATION	for SCPH-30003D'
IN	3-068-129-12	INSTRUCTION	for SCPH-30003D'
IM	3-068-537-32	MANUAL, INSTRUCTION	for SCPH-30003D'
SE	3-987-375-02	SEAL, SEAL	for SCPH-30003D'
RE	3-066-160-03	CARD (C), OWNER REGISTRATION	for SCPH-30004D'
IN	3-068-130-13	INSTRUCTION	for SCPH-30004D'
IM	3-068-537-42	MANUAL, INSTRUCTION	for SCPH-30004D'
IM	3-068-537-52	MANUAL, INSTRUCTION	for SCPH-30004D'
	*****	*****	*****

<u>Ref.</u>	<u>Part No.</u>	<u>Description</u>
	PLACE CODE #23	

<u>Ref.</u>	<u>Part No.</u>	<u>Description</u>

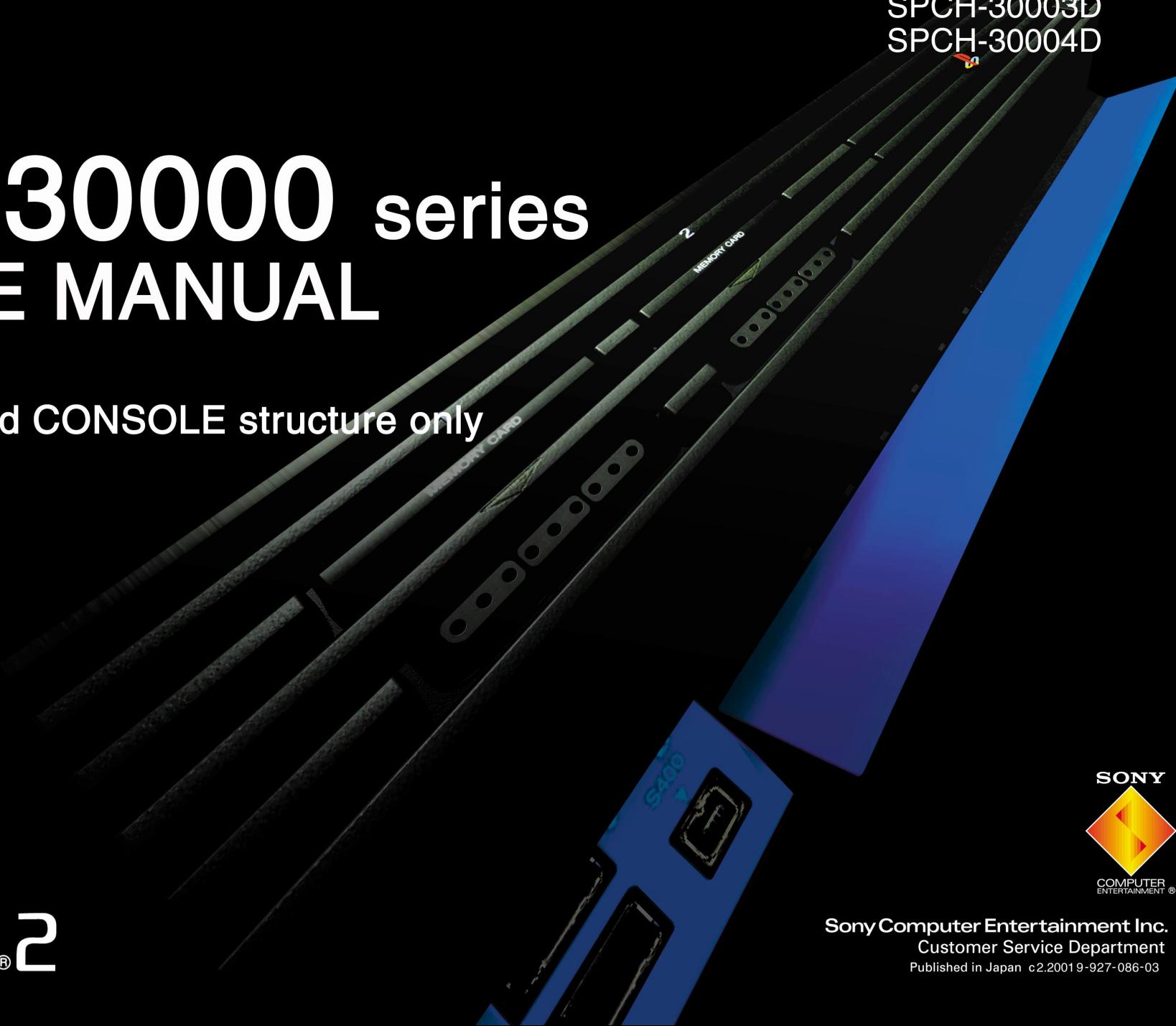


SCPH-30001D  
SCPH-30002D  
SPCH-30003D  
SPCH-30004D

# SCPH30000 series SERVICE MANUAL

3rd edition  
for D type MD and CONSOLE structure only

PlayStation®2



Sony Computer Entertainment Inc.  
Customer Service Department  
Published in Japan c2.20019-927-086-03

## NOTICE

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## REVISIONS

Design and Specification are subject to change without notice.

## CAUTION

This use of optical instruments with this product will increase eye Hazard. As the laser beam used in this PlayStation®2 is harmful to eyes do not attempt to disassemble the cabinet. Refer servicing to qualified personnel only.

## WARNING!!

WHEN SERVICING, DO NOT APPROACH THE LASER EXIT WITH THE EYE TOO CLOSELY. IN CASE IT IS NECESSARY TO CONFIRM LASER BEAM EMISSION, BE SURE TO OBSERVE FROM A DISTANCE OF MORE THAN 25 CM FROM THE SURFACE OF THE OBJECTIVE LENS ON THE OPTICAL PICK-UP BLOCK.

## CAUTION for electric shock

When power is ON, Don't touch to Power block, AC-inlet, Power switch and so on, not to get an electric shock at repair.

## CAUTION for burning

When current is supplied, Some of part surface temperature like EE, GS, Regulator-IC, Power supply, Optical device and so on. These part surface is become high temperature condition. When it repair, Don't touch them at a time during it surface is high temperature condition to take prevent against burning. Do repair after it is cooled down enough.

## NOTIFICATION for environmental assessment

This model is CR2032 lithium battery on board inside on the GB003 as timer back-up power. CR2032 life may be about 5-8 years so you have very few need for changing to new one. But if you have necessary to new one or disassemble for scrapping, you have to keep your to country low, regulation, stndard, etc. of environmentl assess-ment and safety.

## CAUTION

Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type recommended by the manufacturer. Discard used batteries according to the manufacturer's instruction.

## ADVARSEL!

Lithiumbatteri-Eksplorationsfare ved fejlagtig håndtering. Udskiftning må kun ske med batteri af samme fabrikat og type. lever det brugte batteri tilbage til leverandøren.

## ADVARSEL

Eksplorationsfare ved feilaktig skifte av batteri. Benytt samme batteritype eller en tilsvarende type anbefalt av apparatfabrikanten. Brukte batterier kasseres i henhold til fabrikantens instruksjoner.

## VARNING

Explosionsfara vid felaktigt batteribyte. använt samme batterityp eller en ekvivalent typ som rekommenderas av apparattillverkaren. Kassera använt batteri enligt fabrikantens instruktion.

## VAROITUS

Paristo voi räjähää, jos se on virheellisesti asennettu. Vaihda paristo ainoastaan valmistajan suosittelemaan tyyppiin. Hävitä käytetty paristo valmistajan ohjeiden mukaisesti.

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## Table of contents

• CONSOLE .....	3
• MD BLOCK .....	23

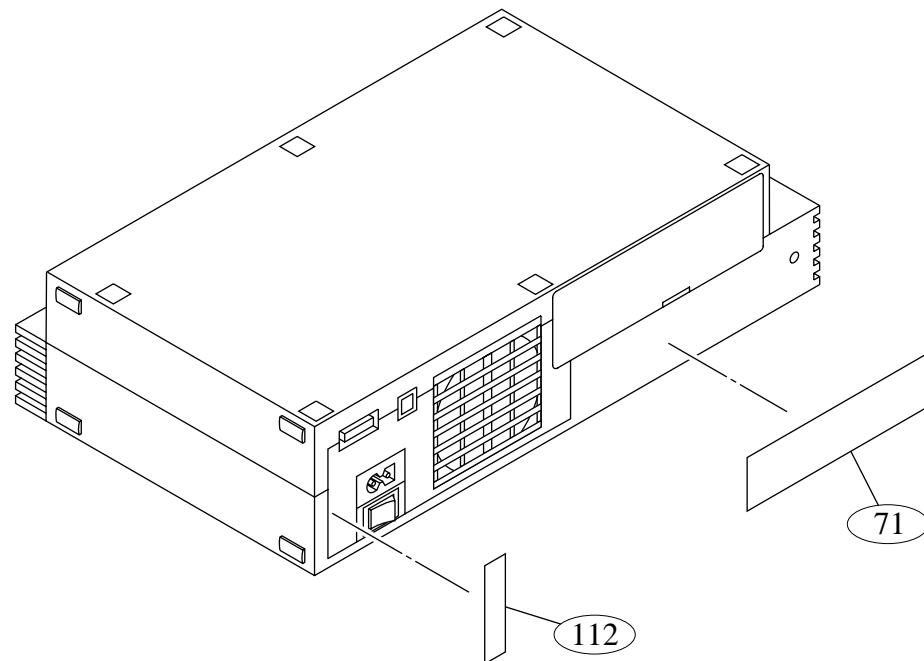
## CAUTION for static electricity

For disassemble and assemble the console, Don' t charge static electricity on your body and around equipment. Get rid static electricity by grounding your body and around equipment.

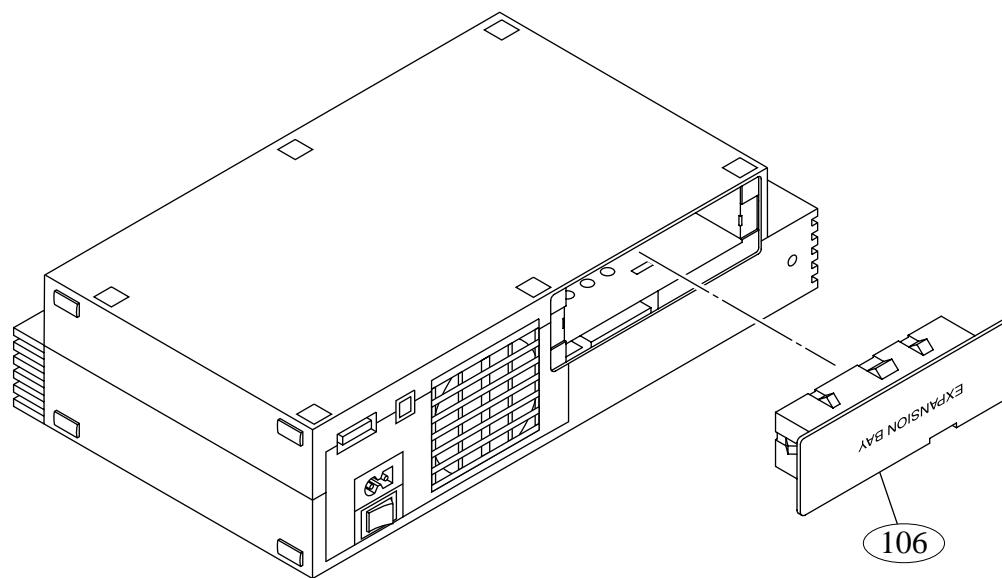
Static electricity will be destroyed key devives like ICs, OPT and etc.

71 LABEL, MODEL NUMBER

112 TAPE, VOID



106 LID ASSY



106

## CAUTION

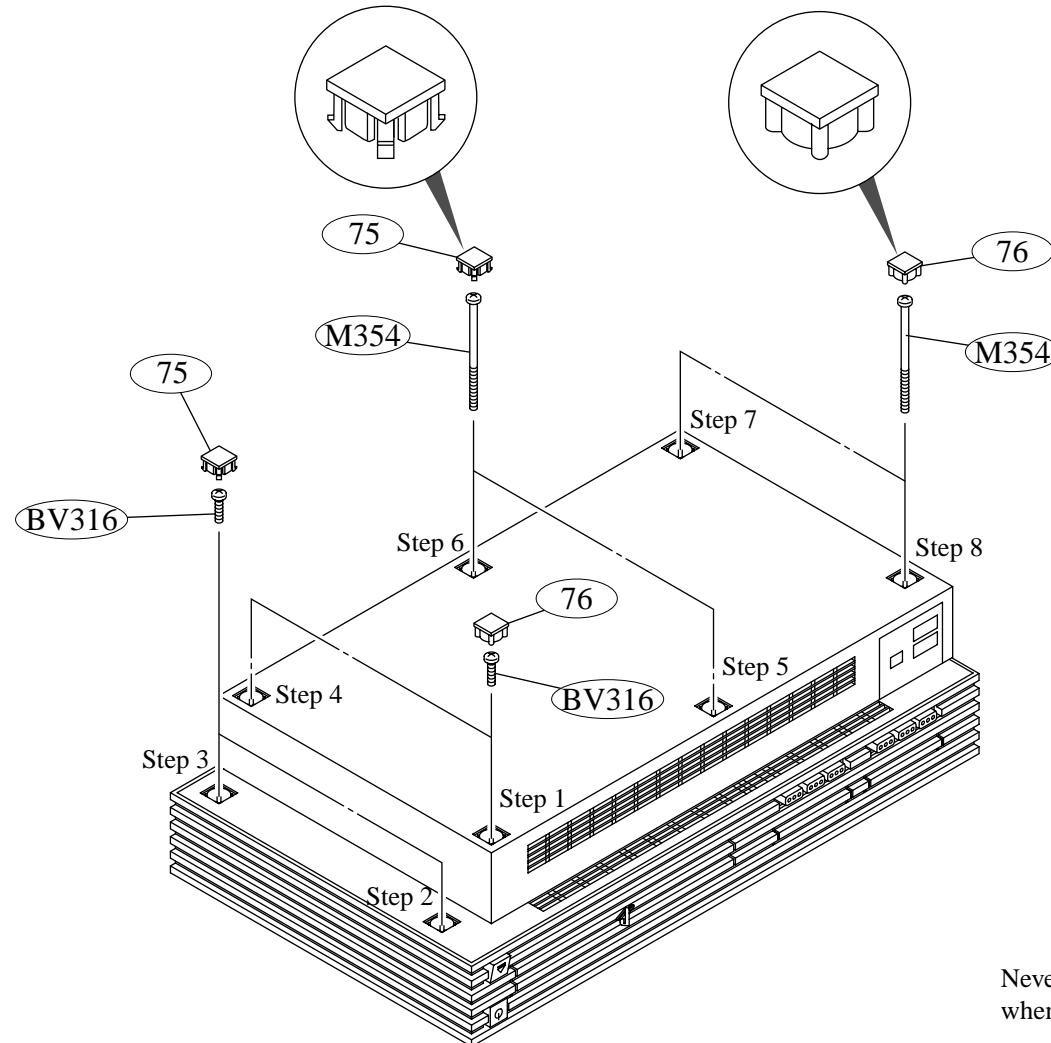
When tighten the BV316 and M354 screws,  
Tighten them in order to the steps shown figure.

75 COVER, SCREW

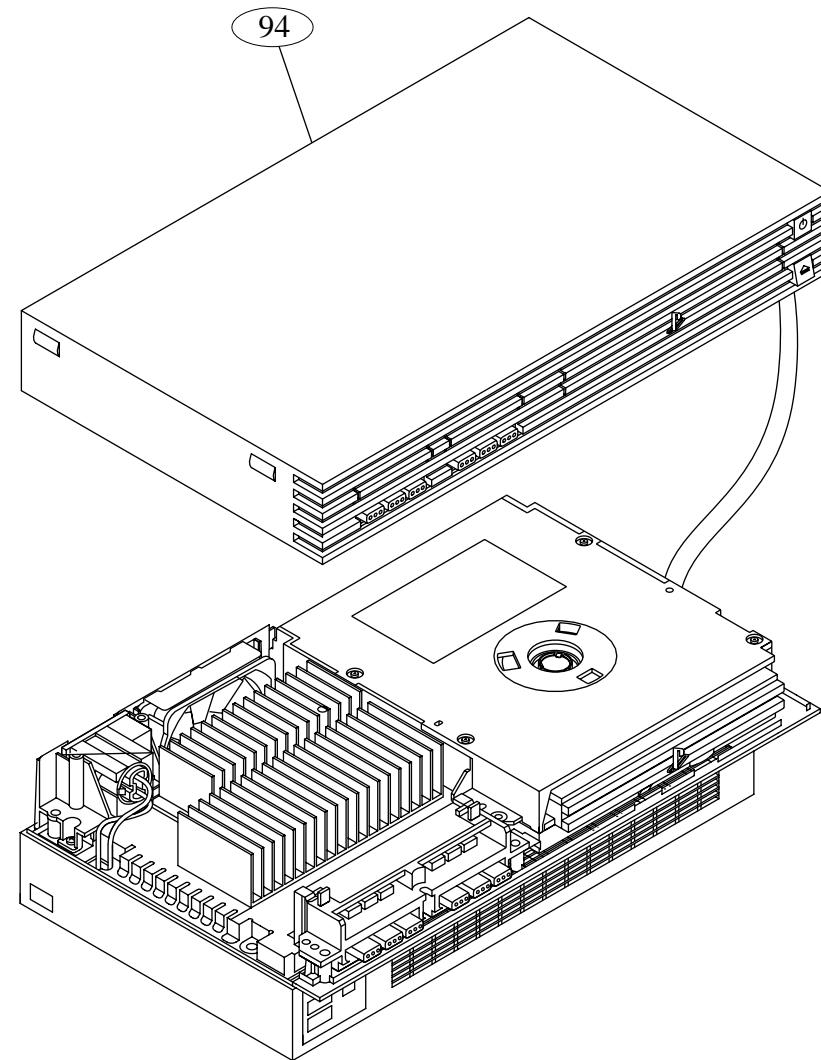
76 CAP

BV316 SCREW (2 LOCK),  
+BV TAPPING

M354 SCREW (M3 X 54),  
HEAD TAPPING

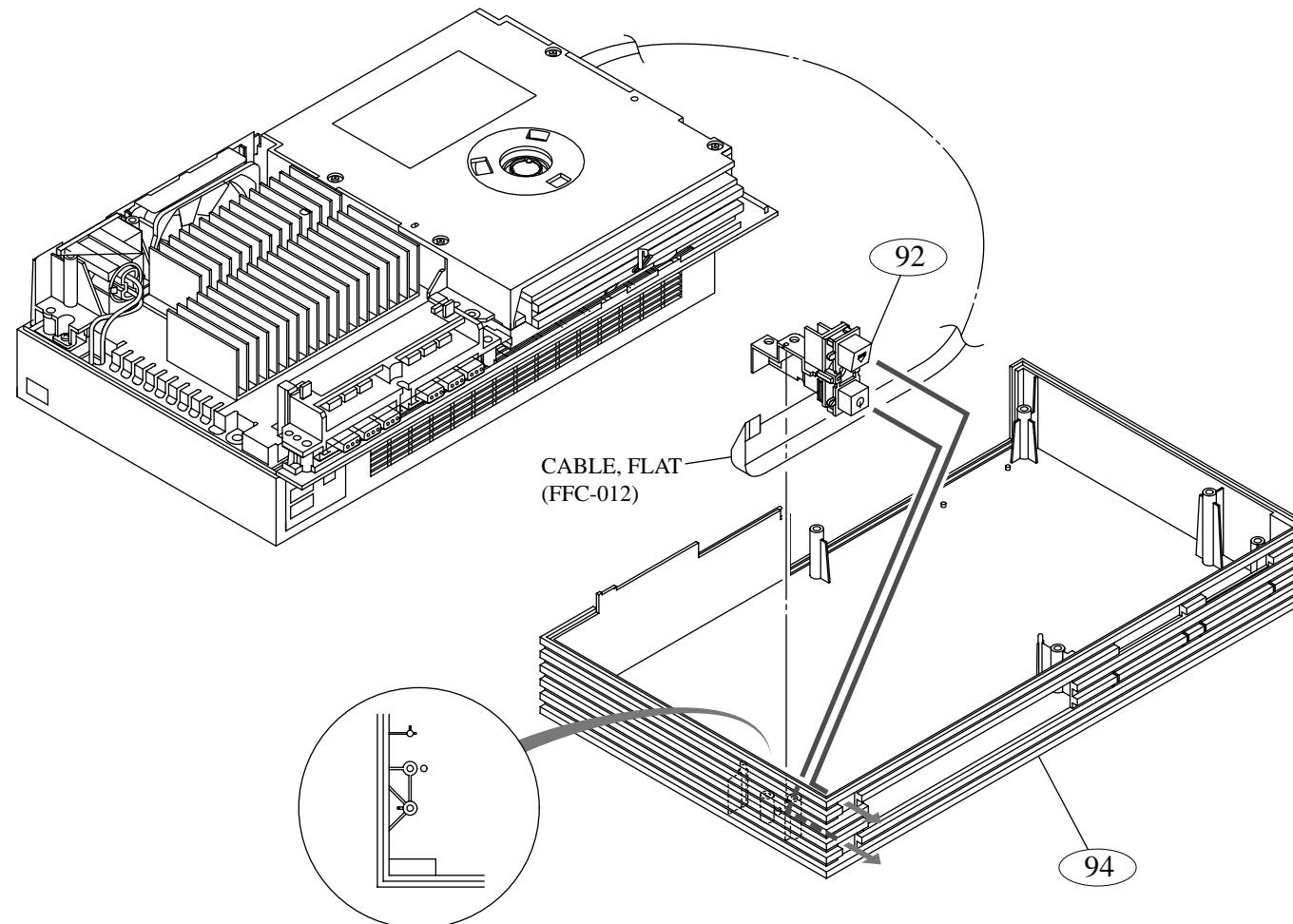


Never scratch for CAPs and SCREW COVERS  
when removing them.



92 SWITCH BLOCK ASSY

94 UPPER COVER ASSY

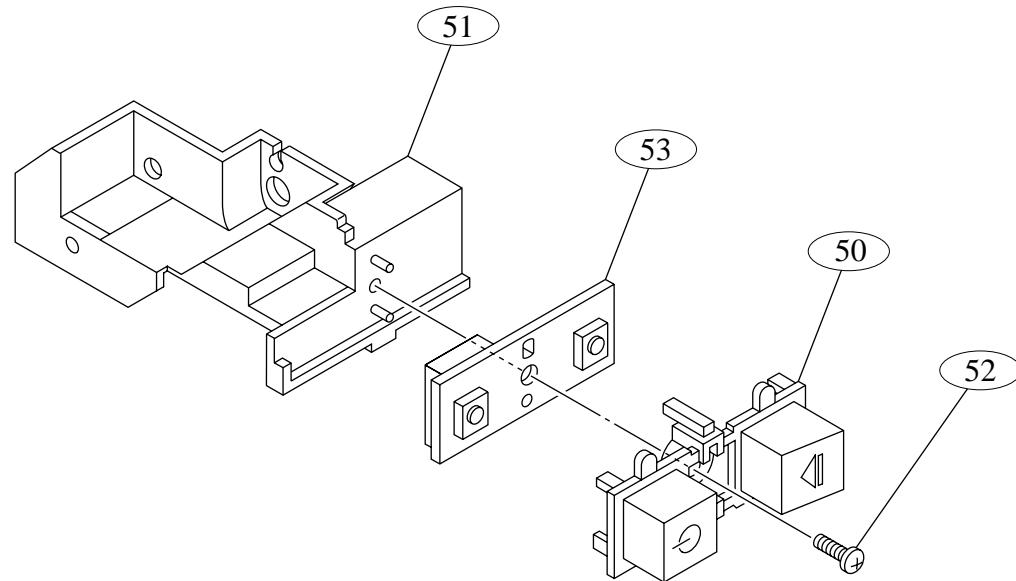


(50) BUTTON, SWITCH

(51) BRACKET, SWITCH

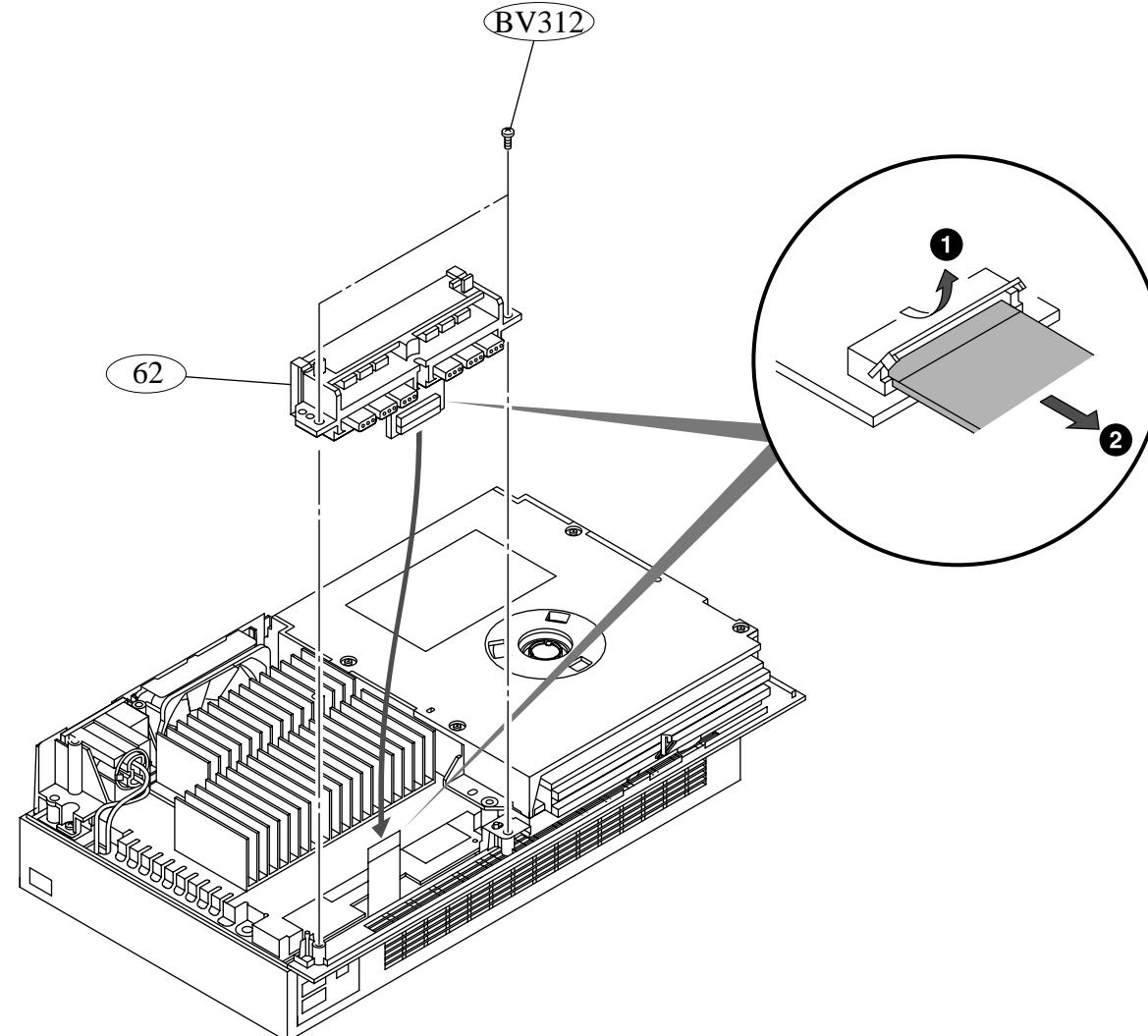
(52) TPG +P 2 X 8,  
TYPE 2, NON-SLIT

(53) SW-358 MOUNT  
SW-363 MOUNT



62 TERMINAL BOARD  
(FRONT)

BV312 SCREW,  
TAPPING +BV 3 x 12

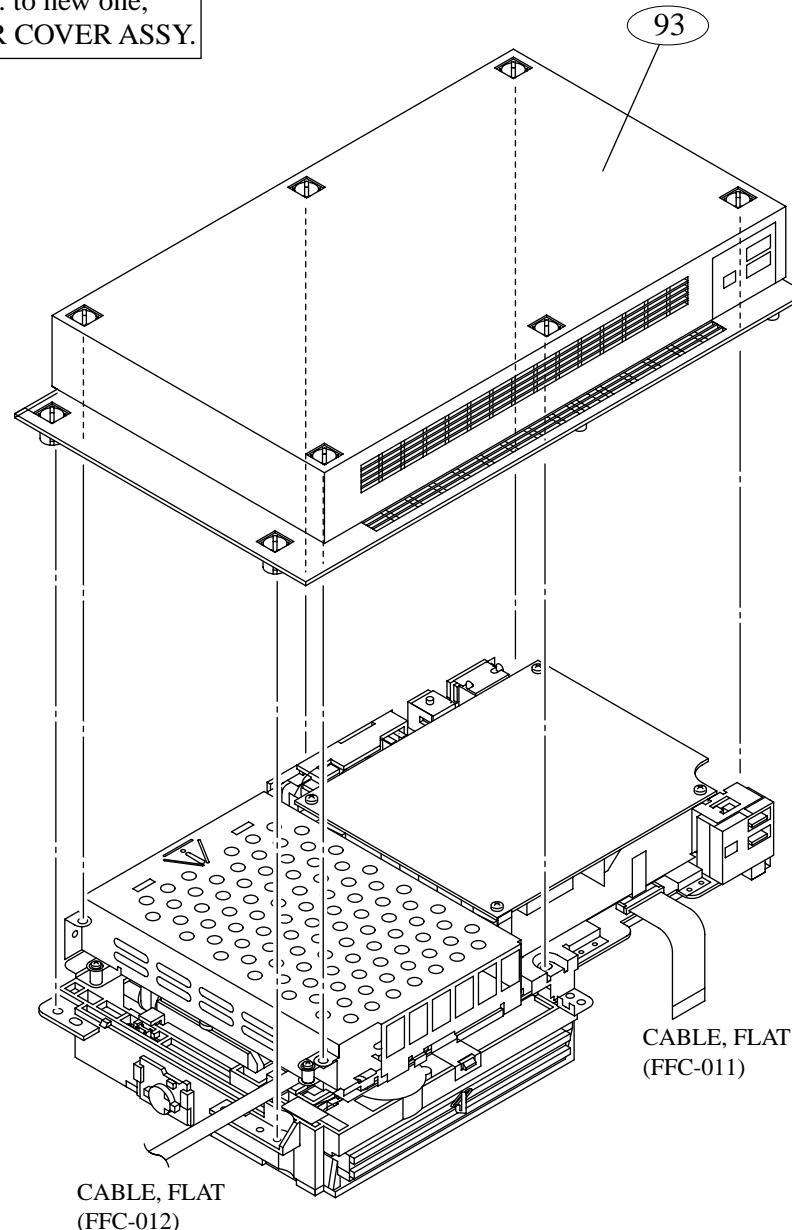


TOOLS : SCREW DRIVER (#3)

**CAUTION**

For exchanging the LOWER COVER ASSY. to new one,  
Check the carved seal on surface of LOWER COVER ASSY.

93 COVER ASSY,LOWER

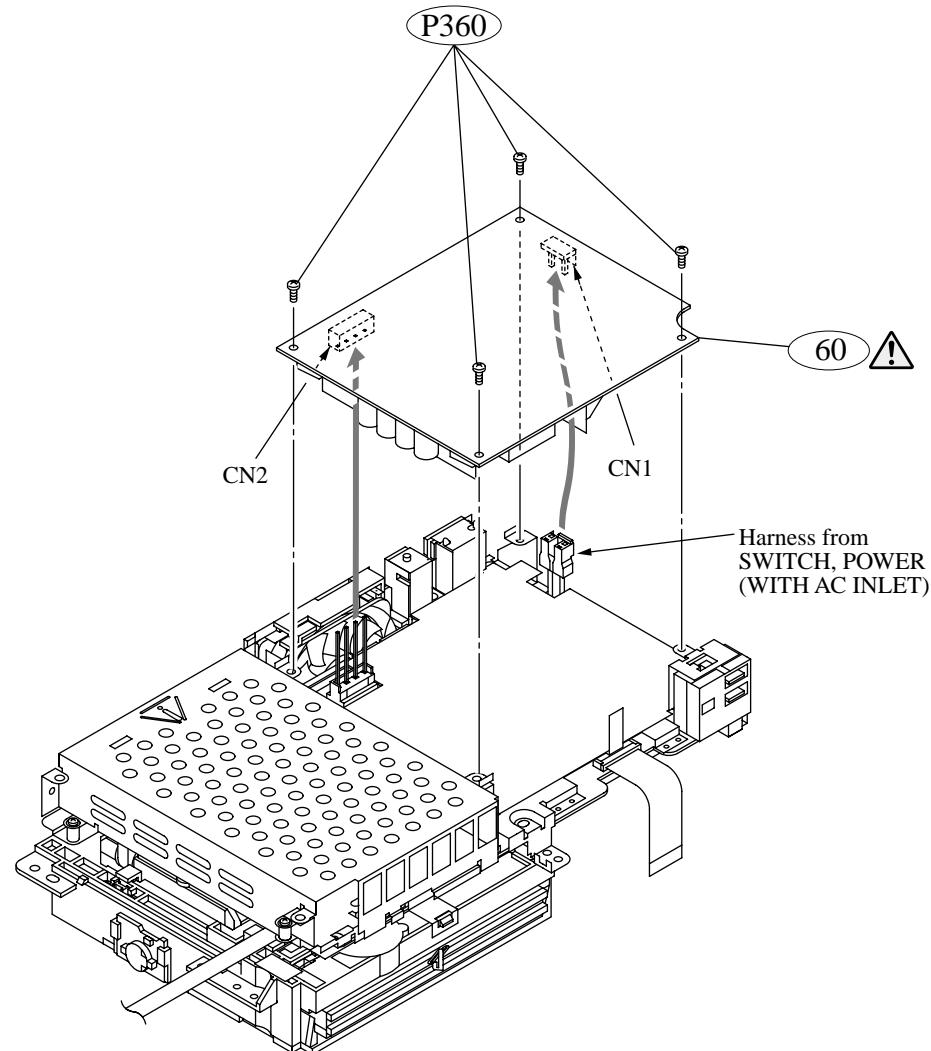


**CAUTION**

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

⚠ 60 POWER BLOCK

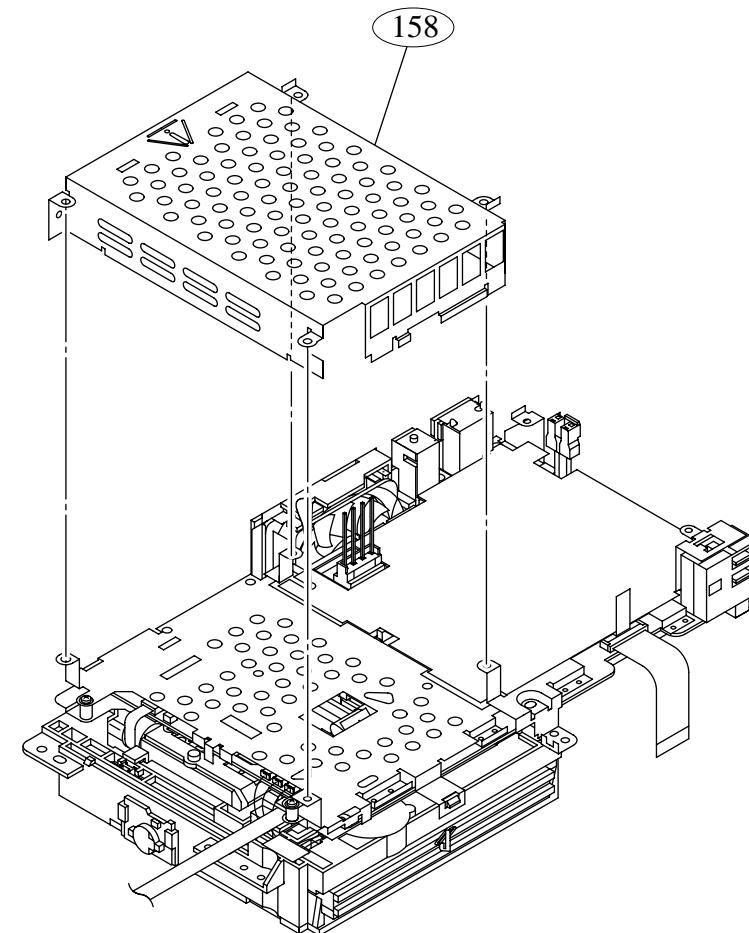
60 ⚠ SCREW +P 3 X 6

**CAUTION**

The components identified by mark ⚠ or dotted line with mark.

⚠ are critical for safety. Replace only with part number specified.

TOOLS : SCREW DRIVER (+#3)



### CAUTION

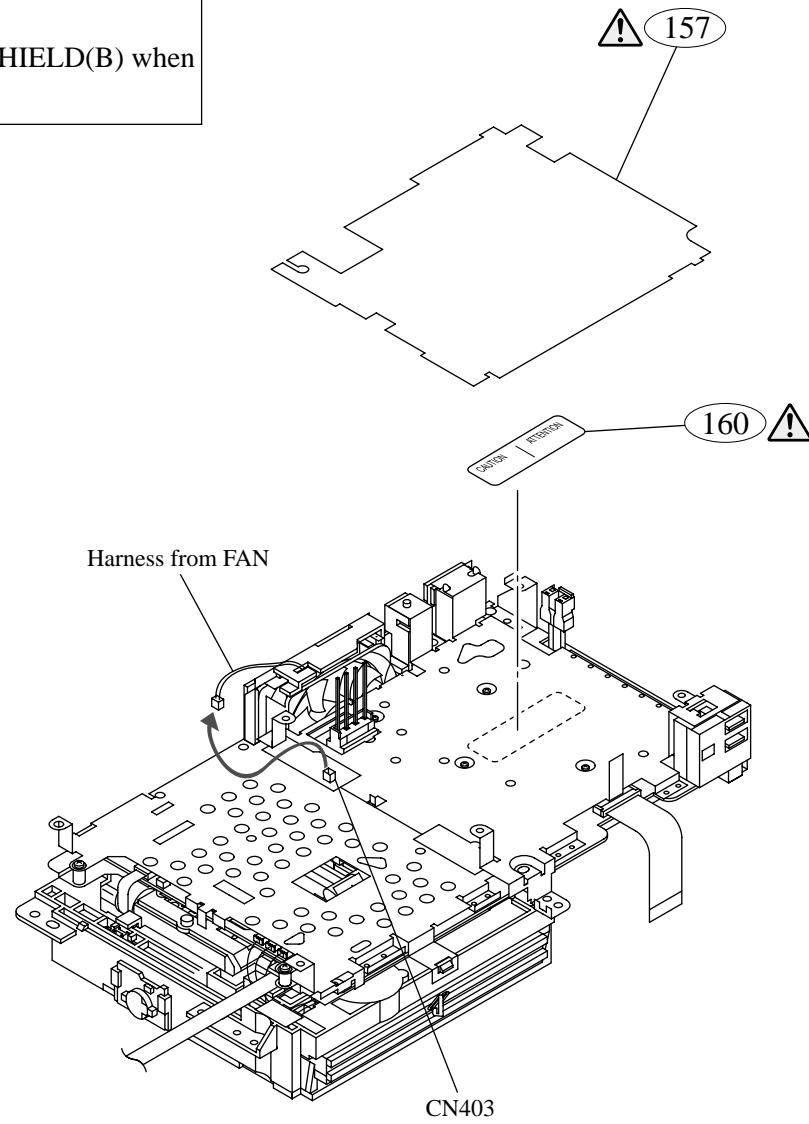
Never lose the fitting of INSULATING SHEET put on the SHIELD(B) when assemble the console.

### CAUTION

Never lose the fitting of LABELs put on the SHIELD(B) when assemble the console.

⚠ 157 SHEET, INSULATING

⚠ 160 LABEL, CUTION,  
BARRIER  
for SCPH-30001

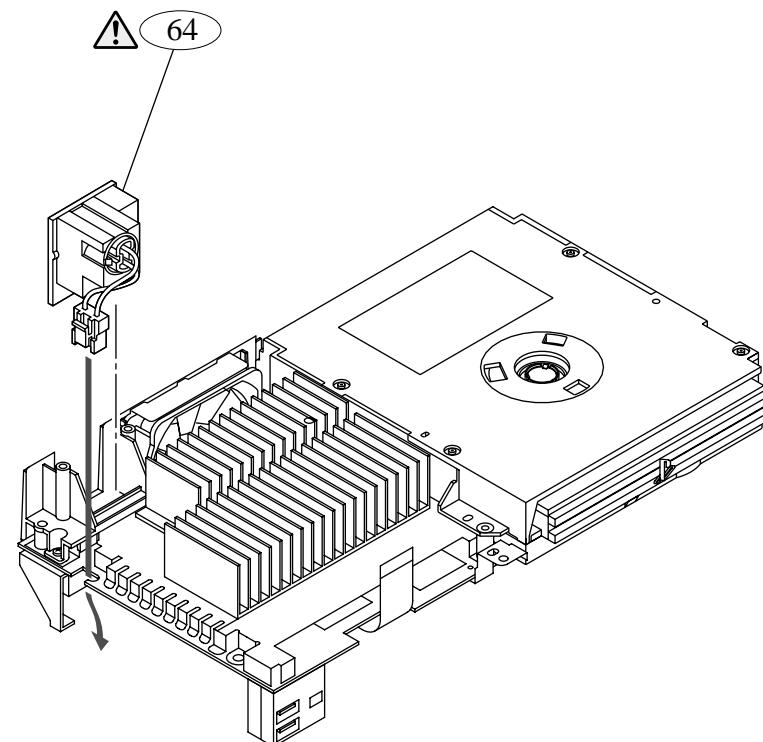


### CAUTION

The components identified by mark  $\Delta$  or dotted line with mark.

$\Delta$  are critical for safety. Replace only with part number specified.

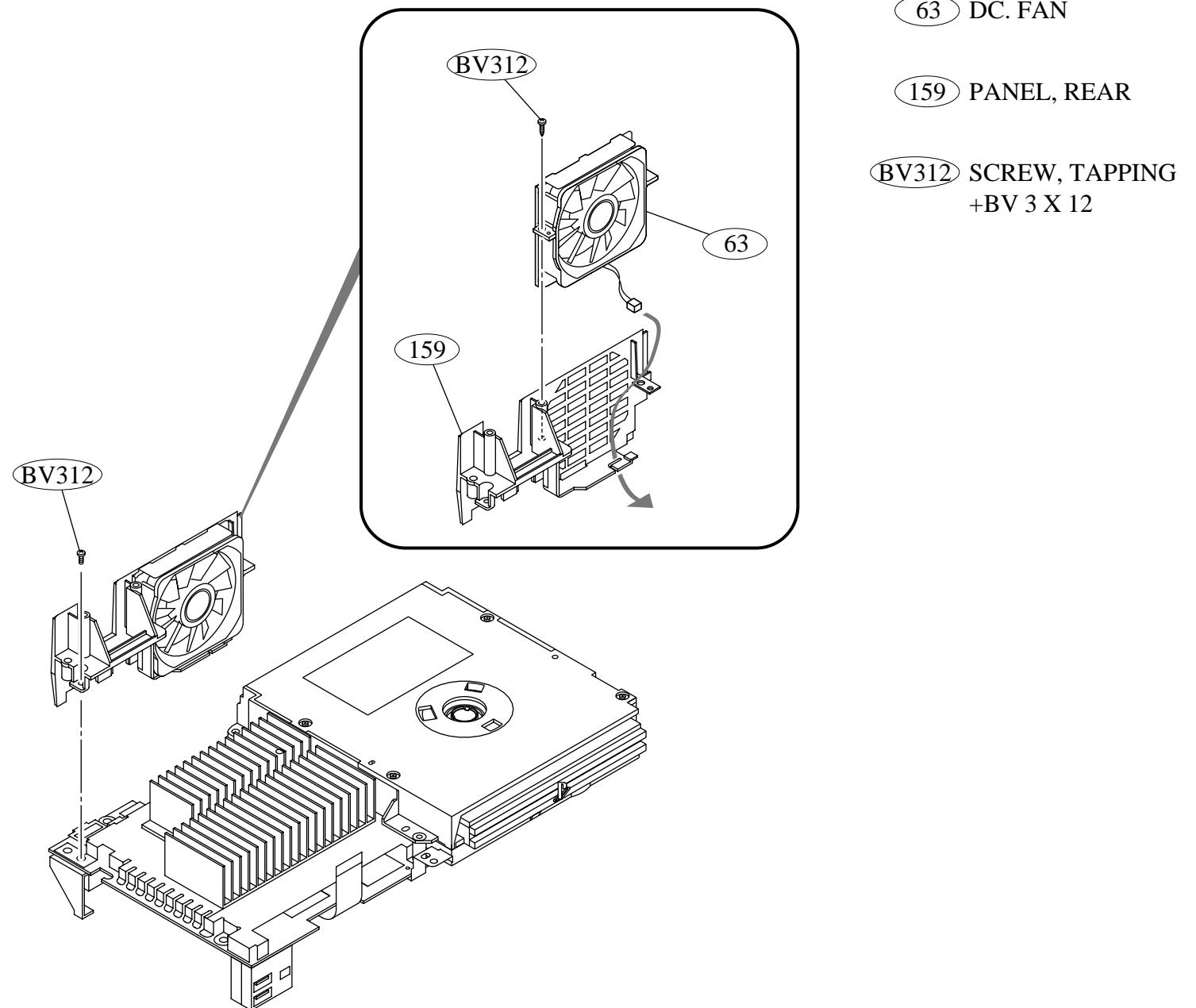
⚠ 64 SWITCH, POWER  
(WITH AC INLET)



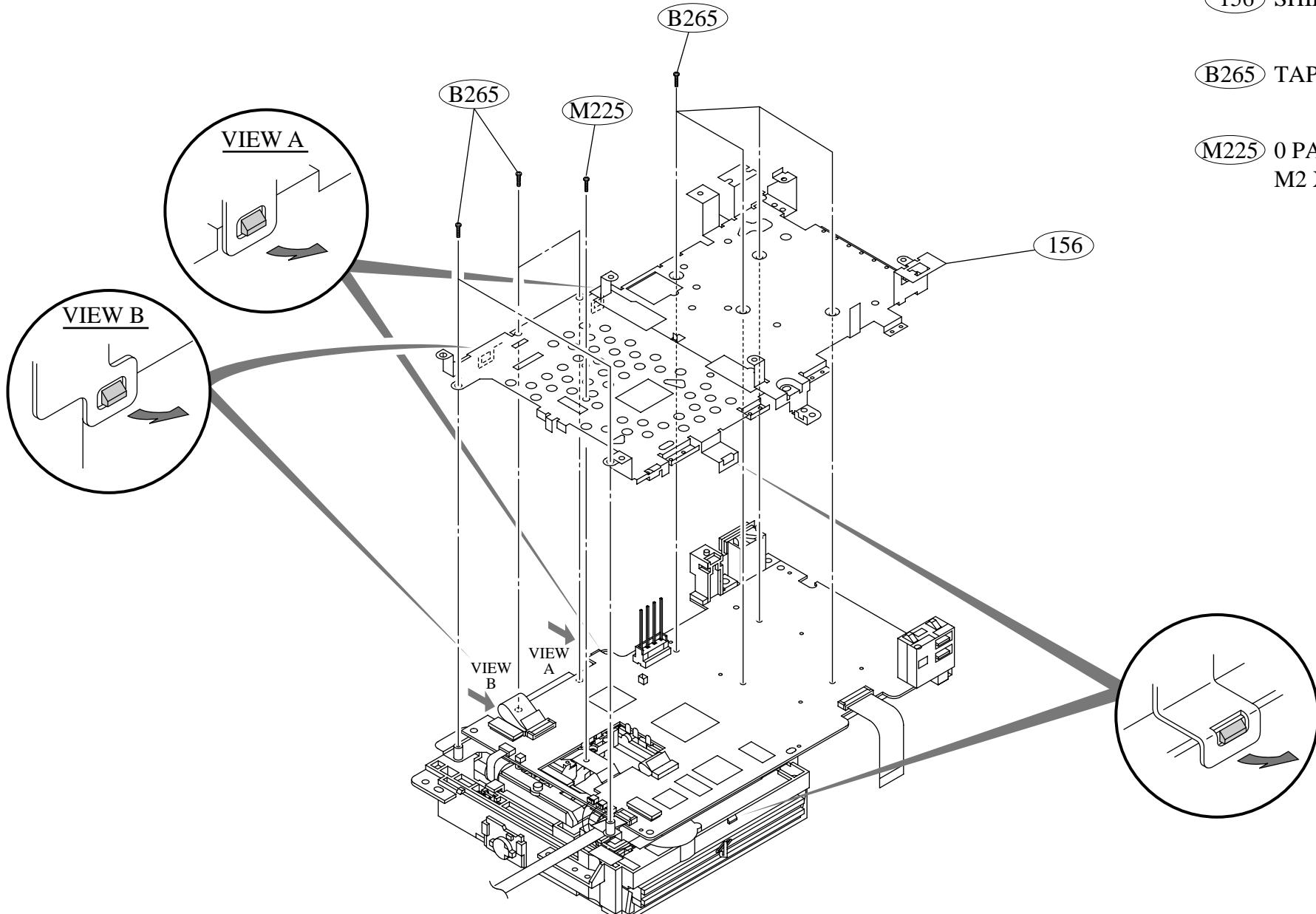
**CAUTION**

The components identified by mark ⚠ or dotted line with mark.

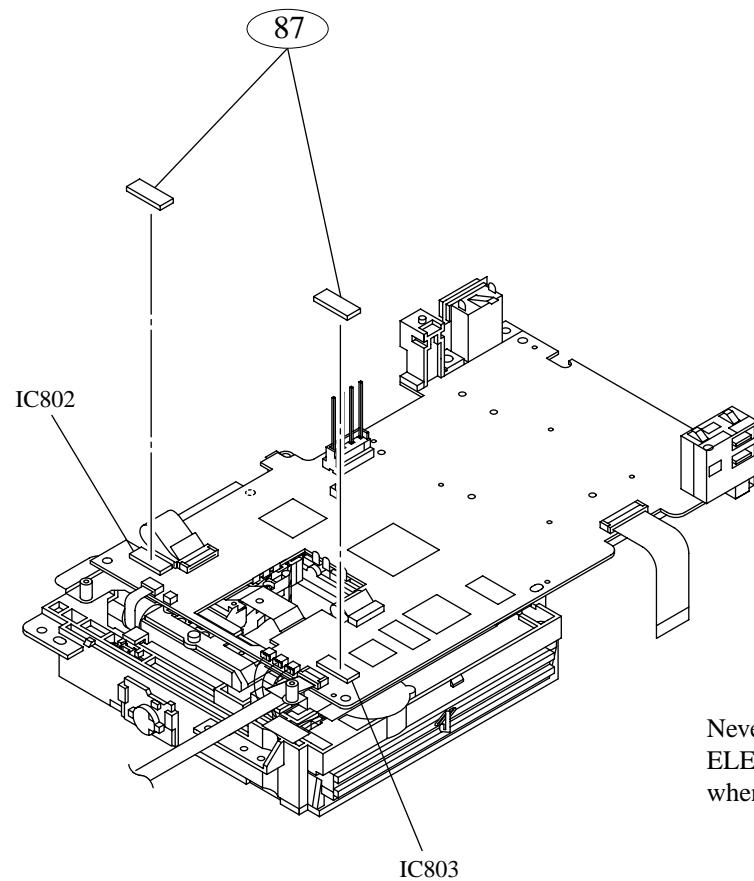
⚠ are critical for safety. Replace only with part number specified.



TOOLS : SCREW DRIVER (+#3)

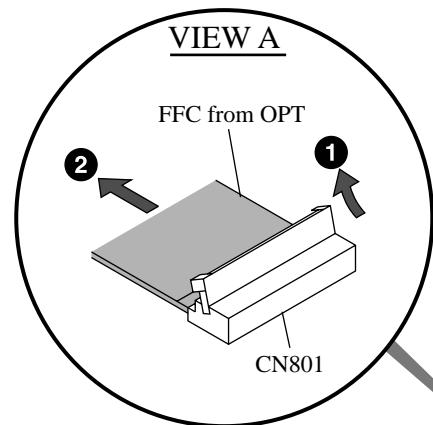


TOOLS : SCREW DRIVER (+#0)



Never lose the fitting of SHEET(DRIVER),  
ELECTRIC HEAT put on the IC802 and IC803  
when assemble the console.

① 151 CABLE, FLAT  
(FFC-011)



② 152 CABLE, FLAT  
(FFC-012)

FFC from Spindle motor

GH010 MOUNT

CN302

CN801

CN402

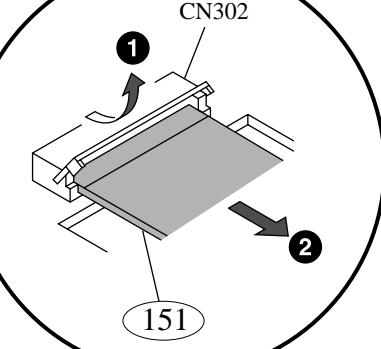
CN803

VIEW A

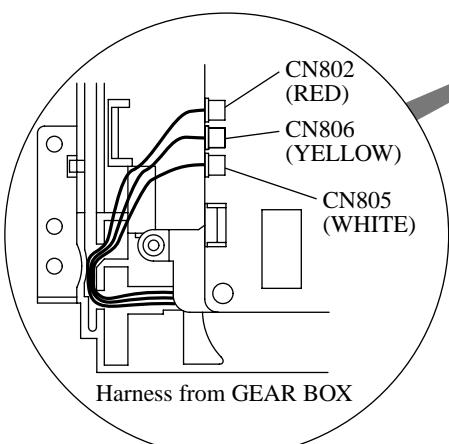
FFC from  
Sled motor

CN804

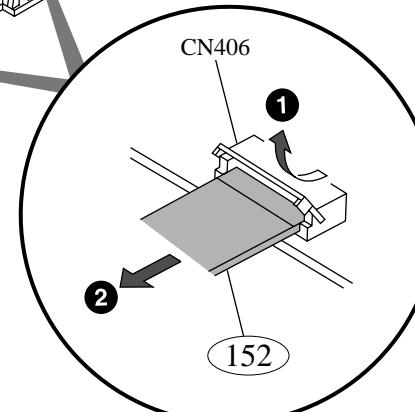
CN406

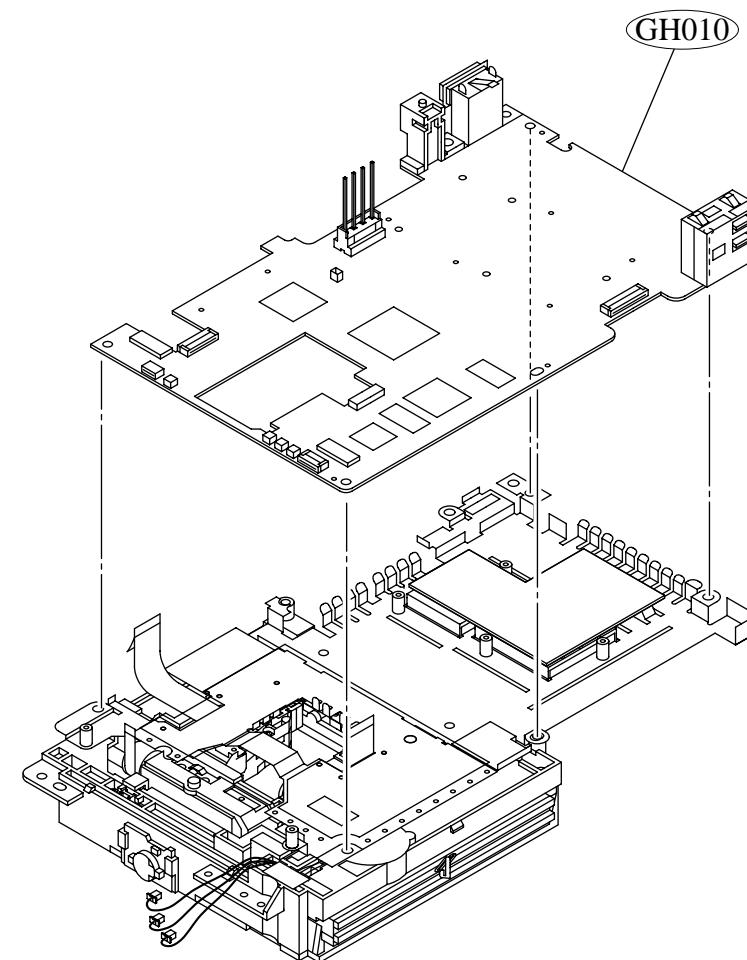


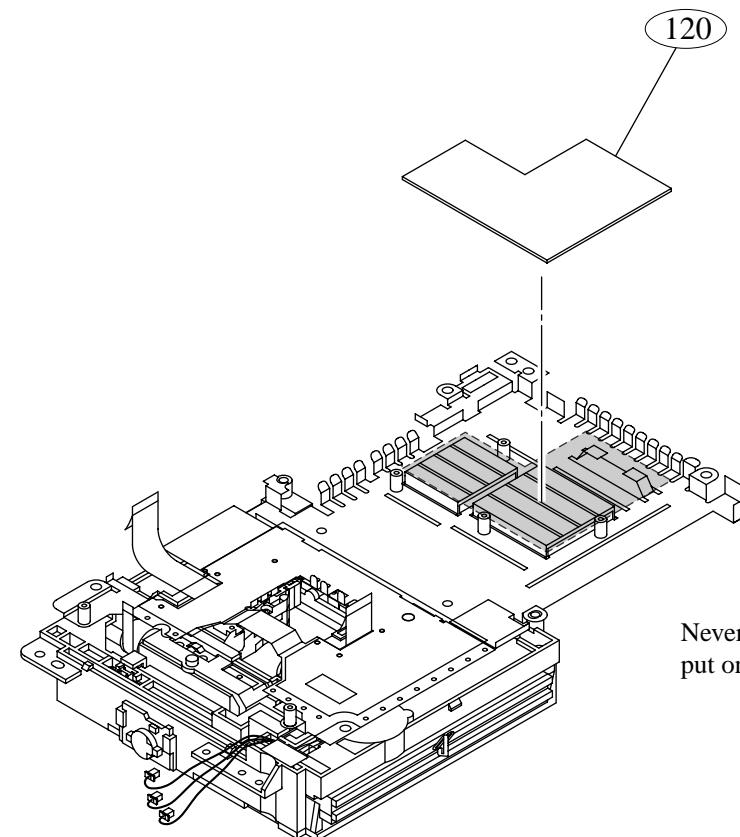
③ 153 HARNESS (HS-059)



Join the FFC and the Harness into connector surely,  
Loose connection of FFC and Harness will be caused the  
many troubles and some times broken the key device like  
OPT, EE, etc.





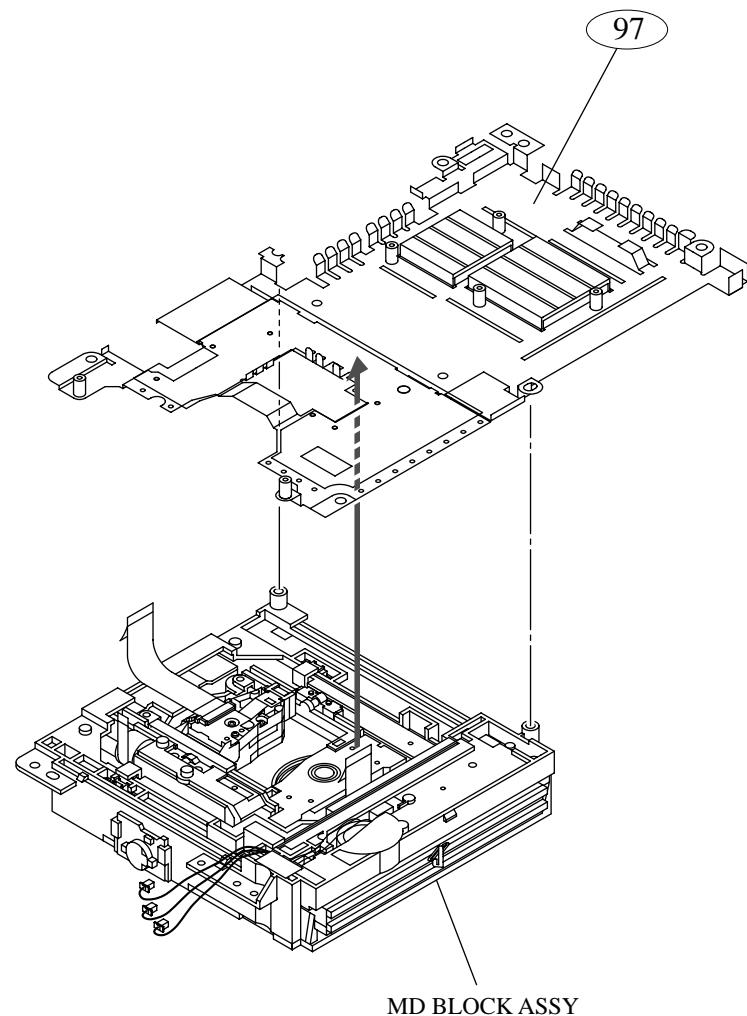


Never lose the fitting SHEET(A) ELECTRIC HEAT  
put on SHIELD(A) ASSY. when assemble the console.

**CAUTION**

Don't touch the OPTICAL DEVICE not to brocken it.

97. SHIELD (A) ASSY

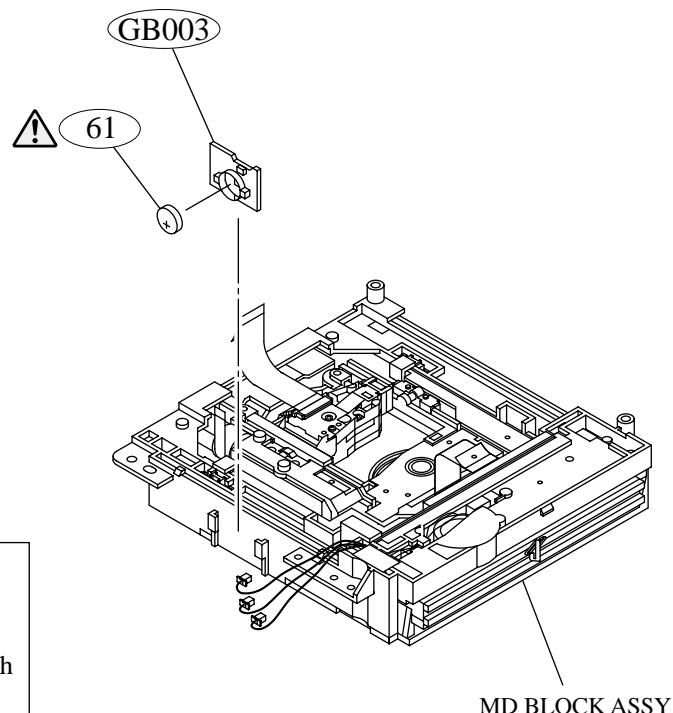


**CAUTION**

For dumping the consumed CR2032 Lithium battery,  
Obey your country law Standard procedures.

⚠ 61 BATTERY, LITHIUM  
(CR2032 TYPE)

GB003 GB-003/-004 MOUNT

**CAUTION**

The components identified by mark ⚠ or dotted line with mark.

⚠ are critical for safety. Replace only with part number specified.

BACK

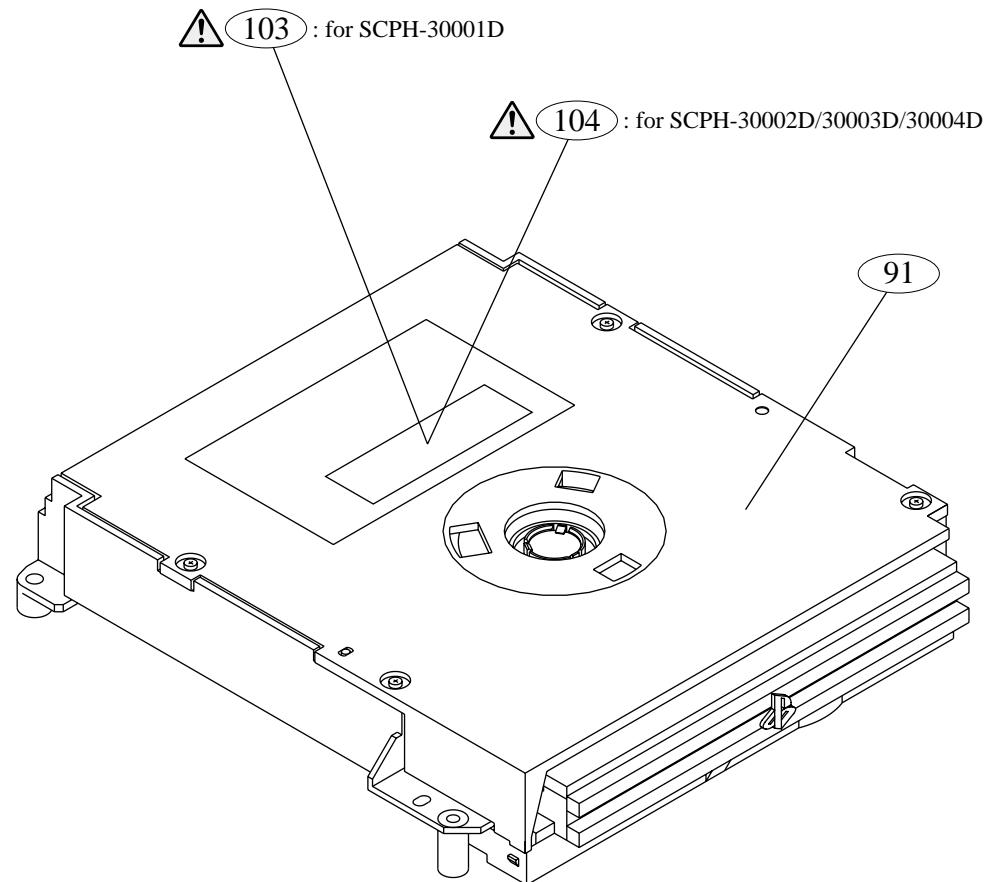
**CAUTION**

PULLEY BRACKET change to new one by repaire  
LABEL has to put on new PULLEY BRACKET due  
to in your country law and standart procedure for safty.

91 MD BLOCK ASSY

! 103 LABEL, CAUTION

! 104 LABEL, LASER  
CAUTION

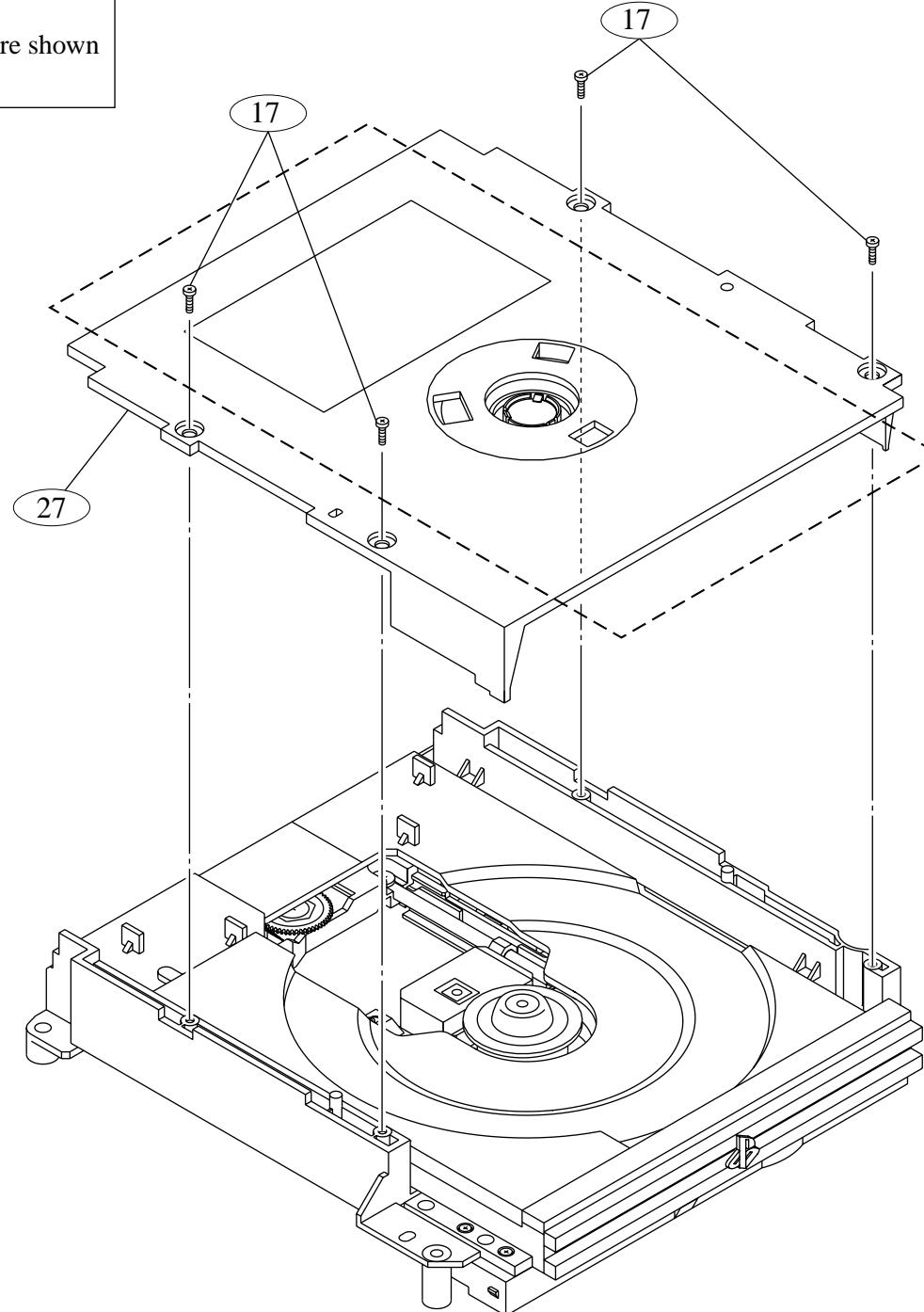


## CAUTION

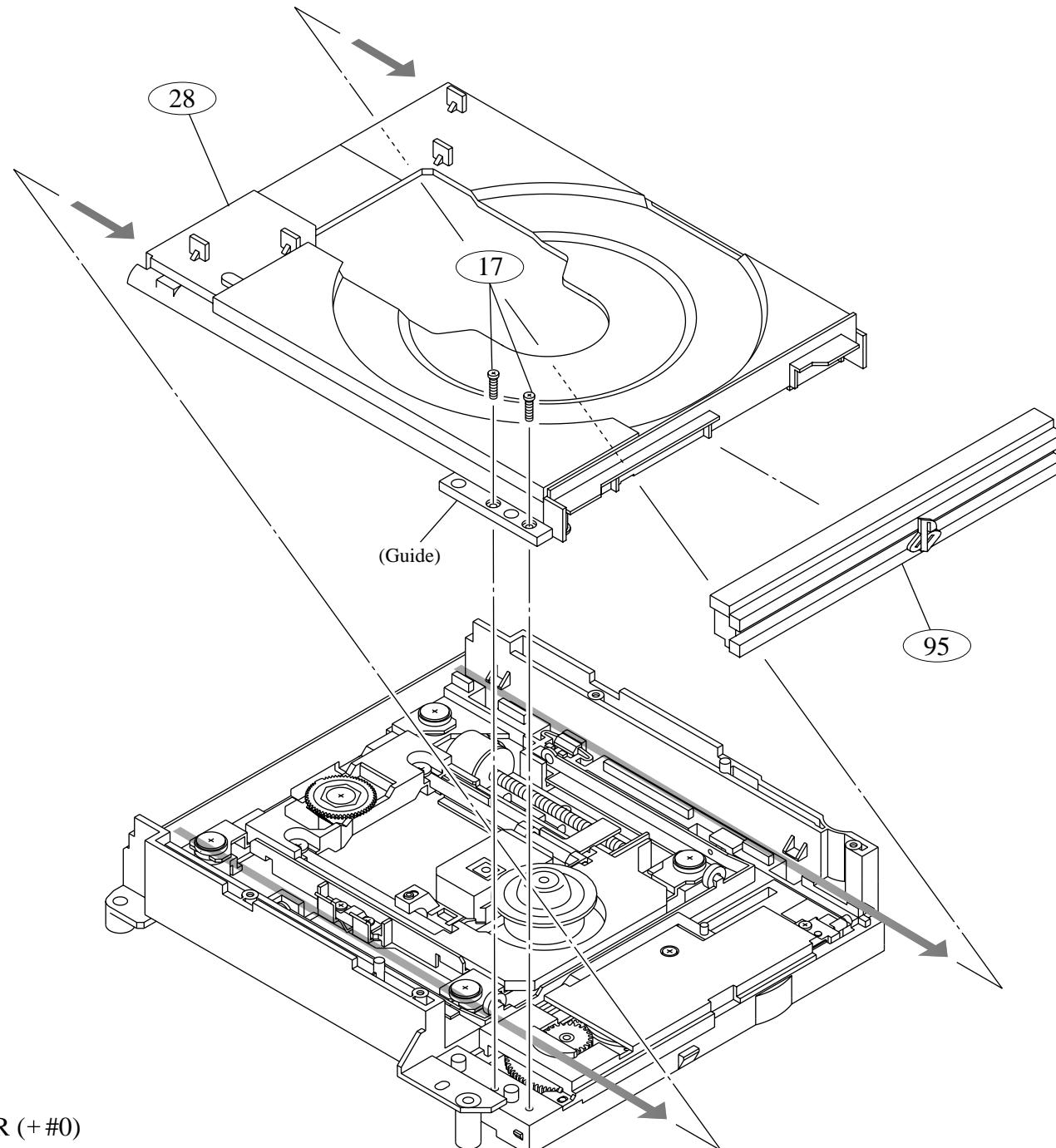
Don't touch the place surrounded square shown figure when tighten screws.

17 TAPPING (B2 X 6.5)

27 PULLEY,  
BRACKET ASSY

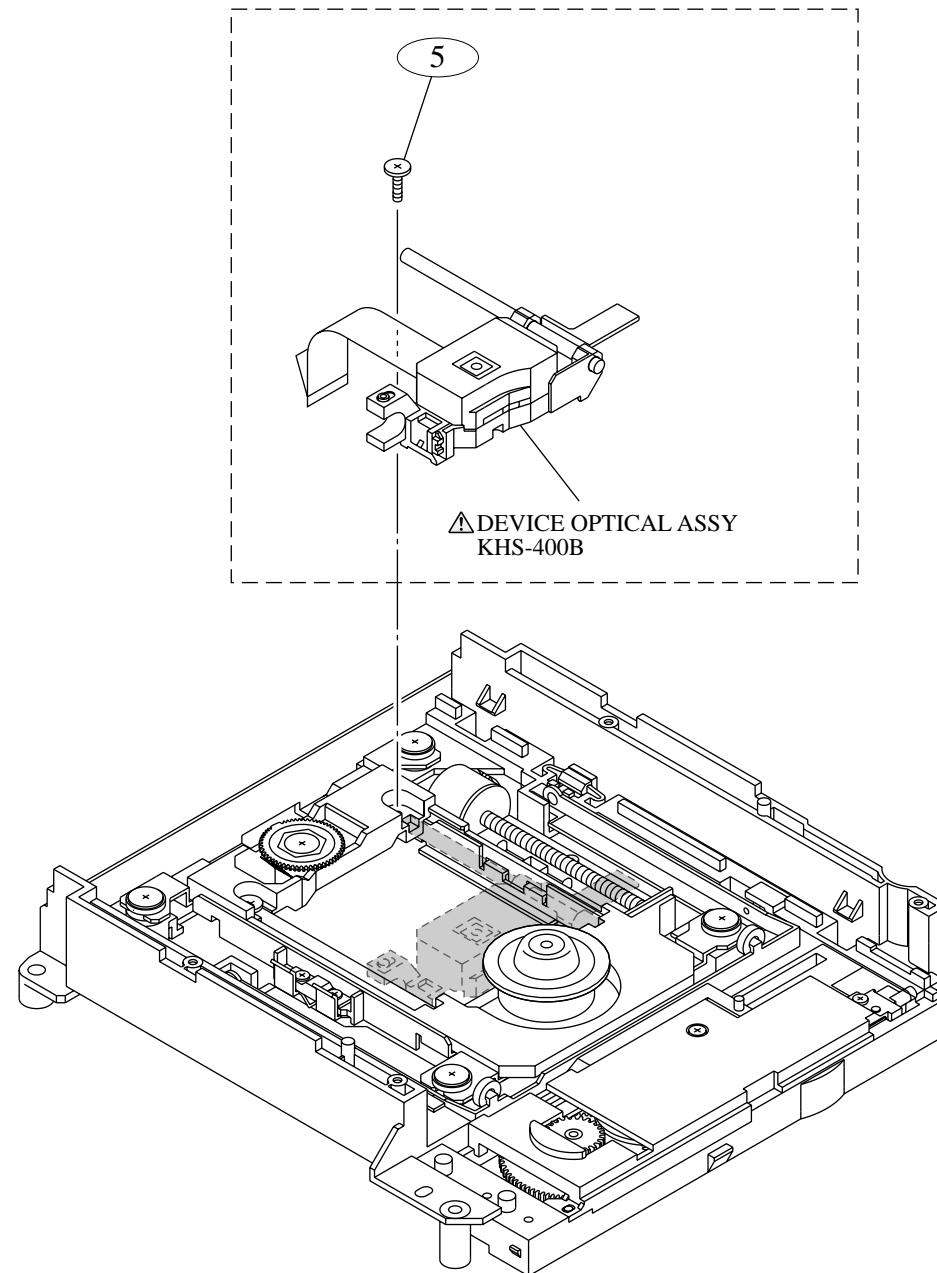


TOOLS : SCREW DRIVER (+#0)



TOOLS : SCREW DRIVER (+#0)

5 SCREW (B2 X 6.5),  
SHAFT RETAINER



TOOLS : SCREW DRIVER (+#0)

4 PWB, FLEXIBLE

13 SHAFT, MAIN

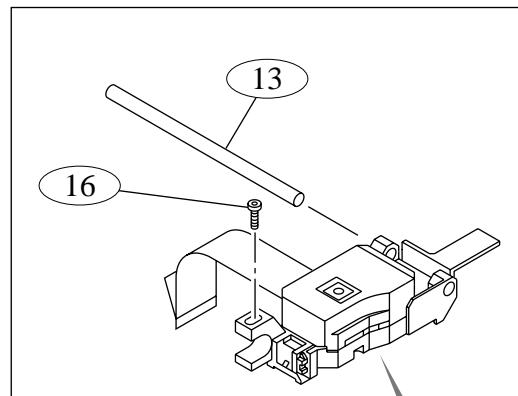
14 RACK

16 SCREW, SKEW

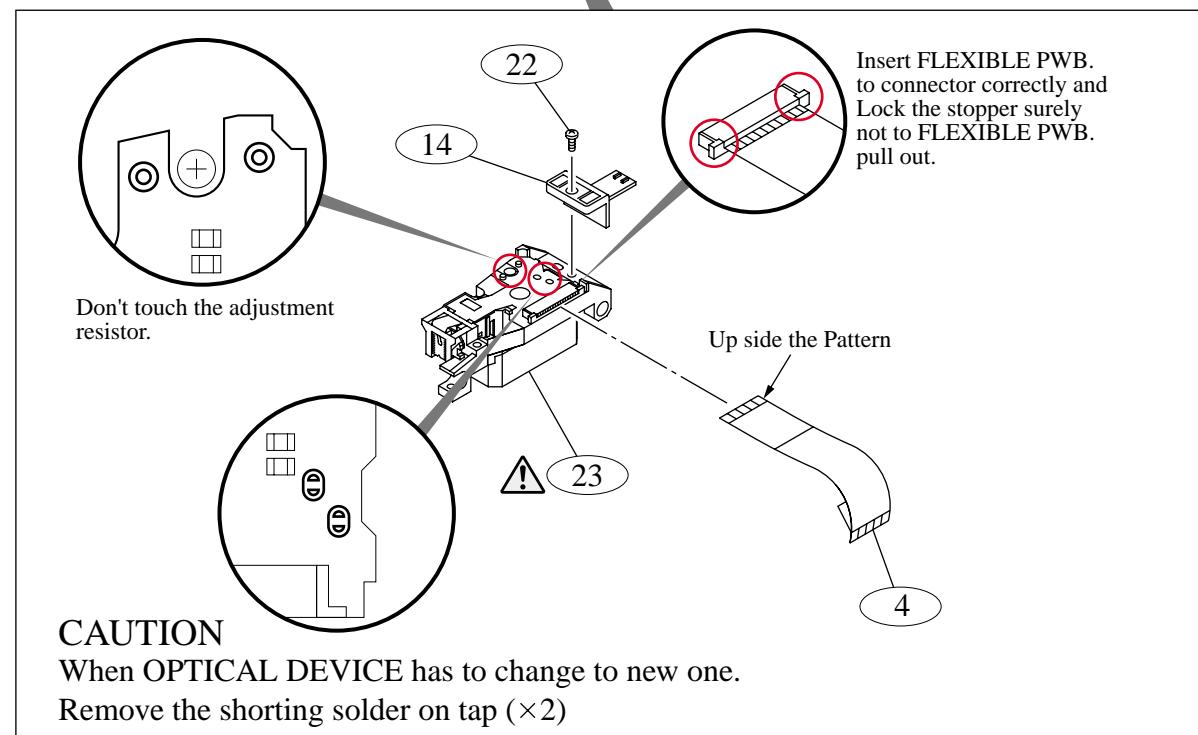
22 0 PLATE 3 MAIN  
M2 X 3.2

! 23 DEVICE, OPTICAL  
KHS-400B

### TOP SIDE VIEW

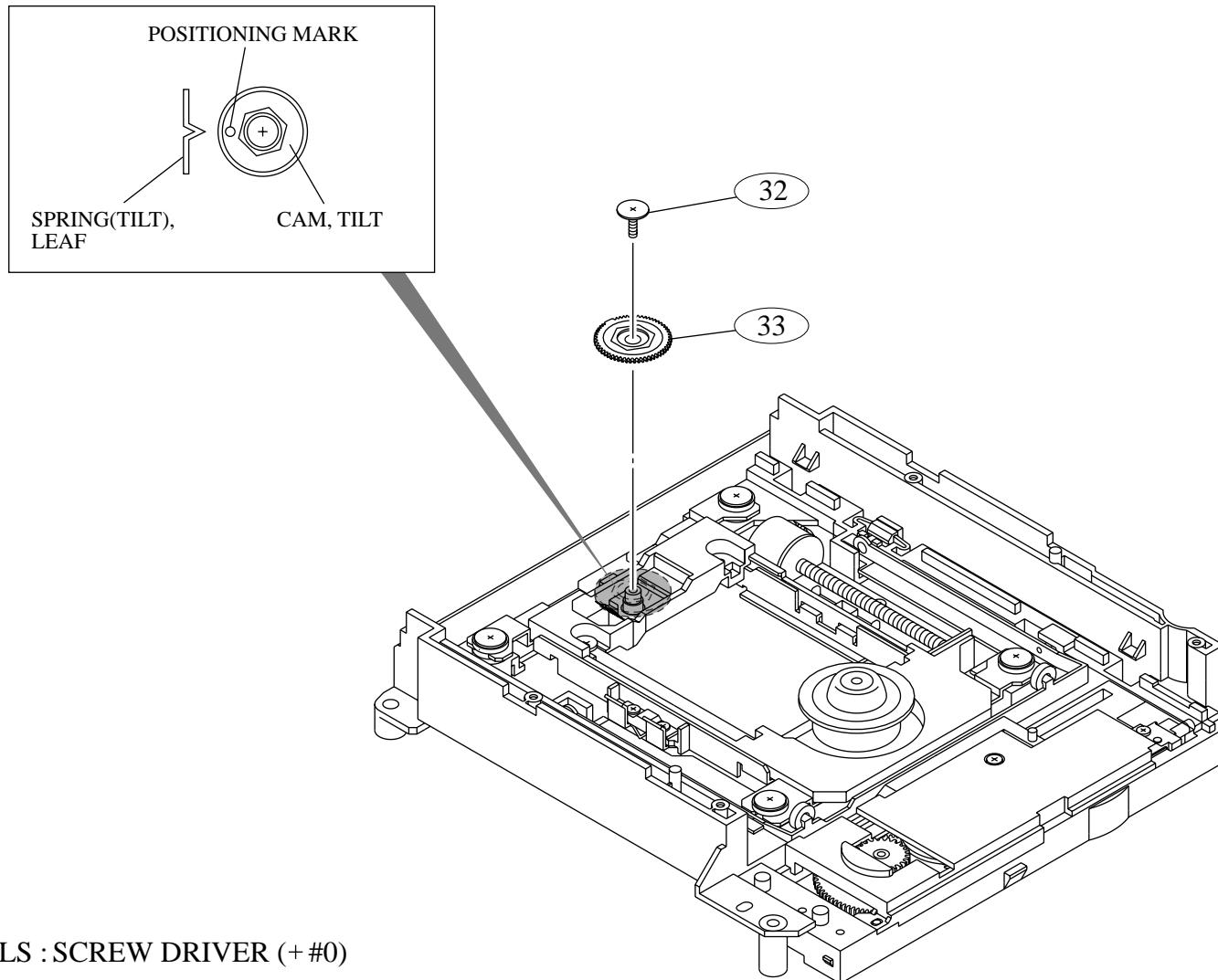


### BOTTOM SIDE VIEW



(32) SCREW,  
CAM RETAINER

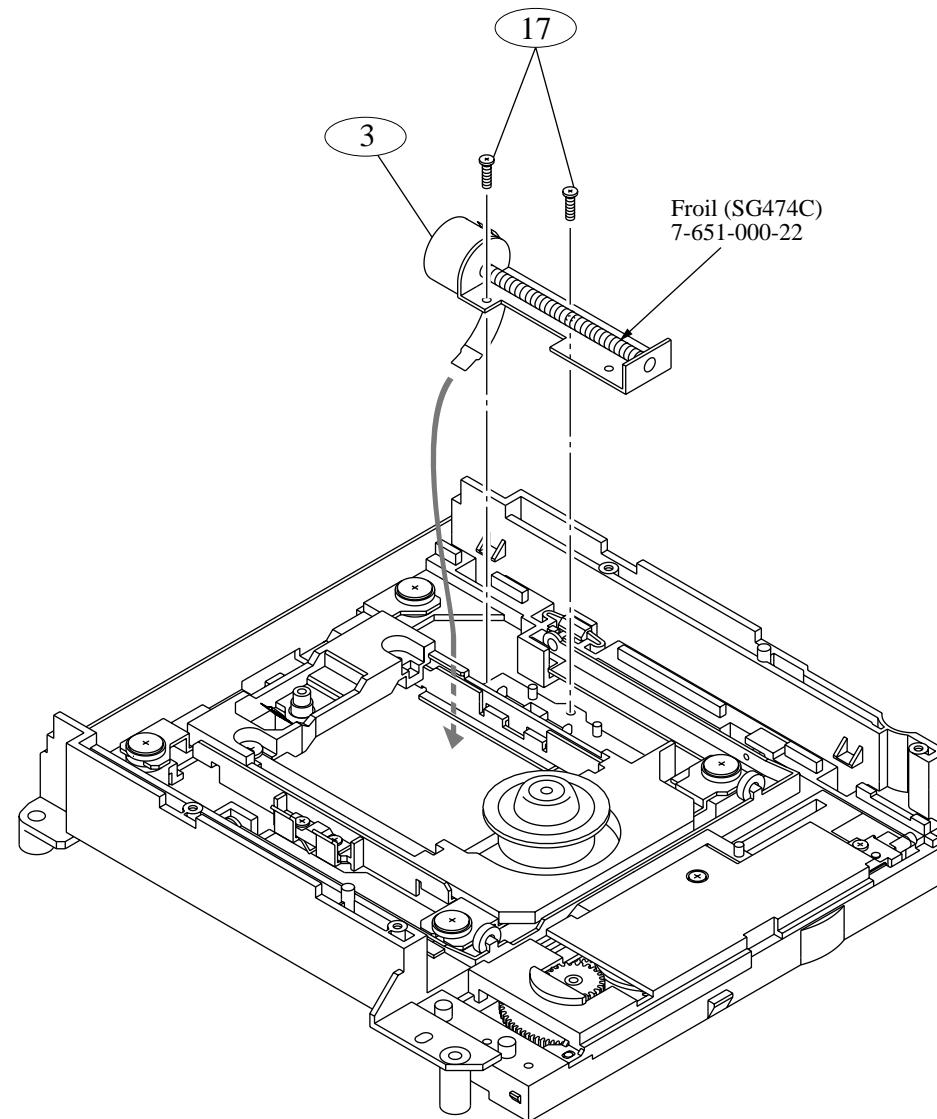
(33) CAM, TILT



TOOLS : SCREW DRIVER (+ #0)

(3) MOTOR, DC

(17) TAPPING (B2 X 6.5)



TOOLS : SCREW DRIVER (+#0)

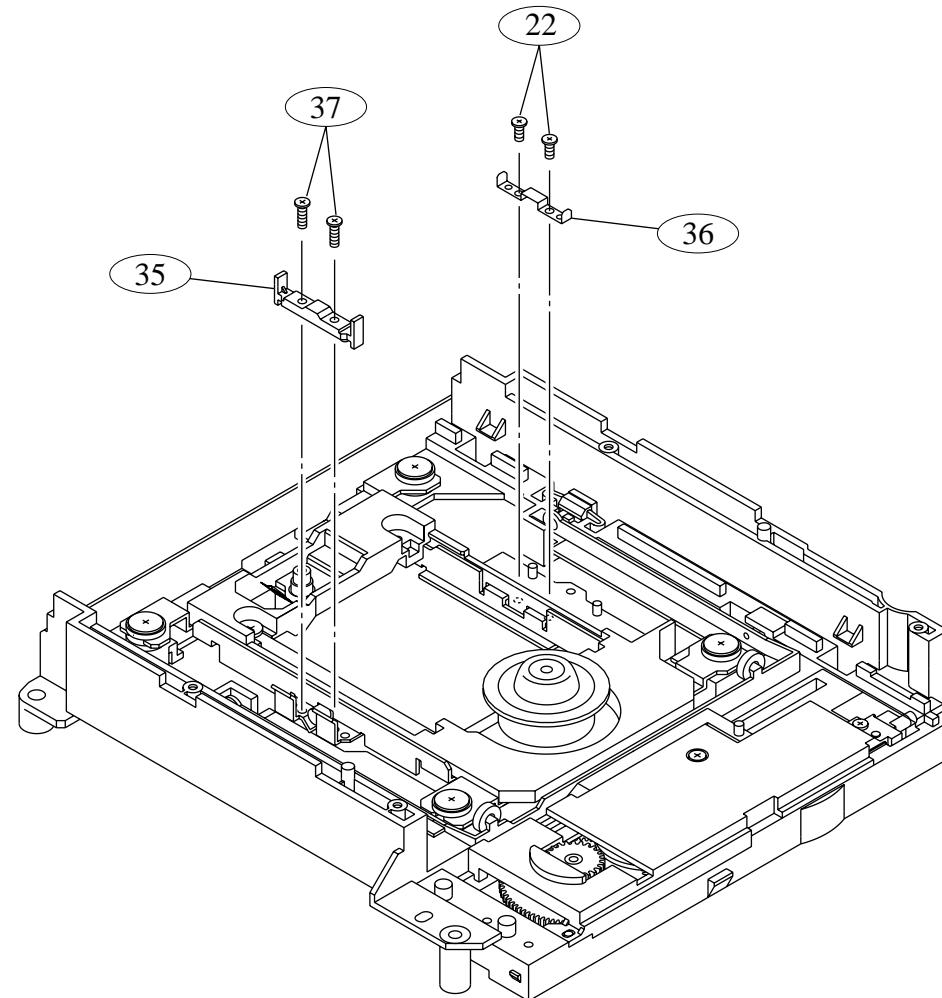
29

(22) 0 PLATE 3 MAIN  
M2 X 3.2

(35) GUIDE (L)

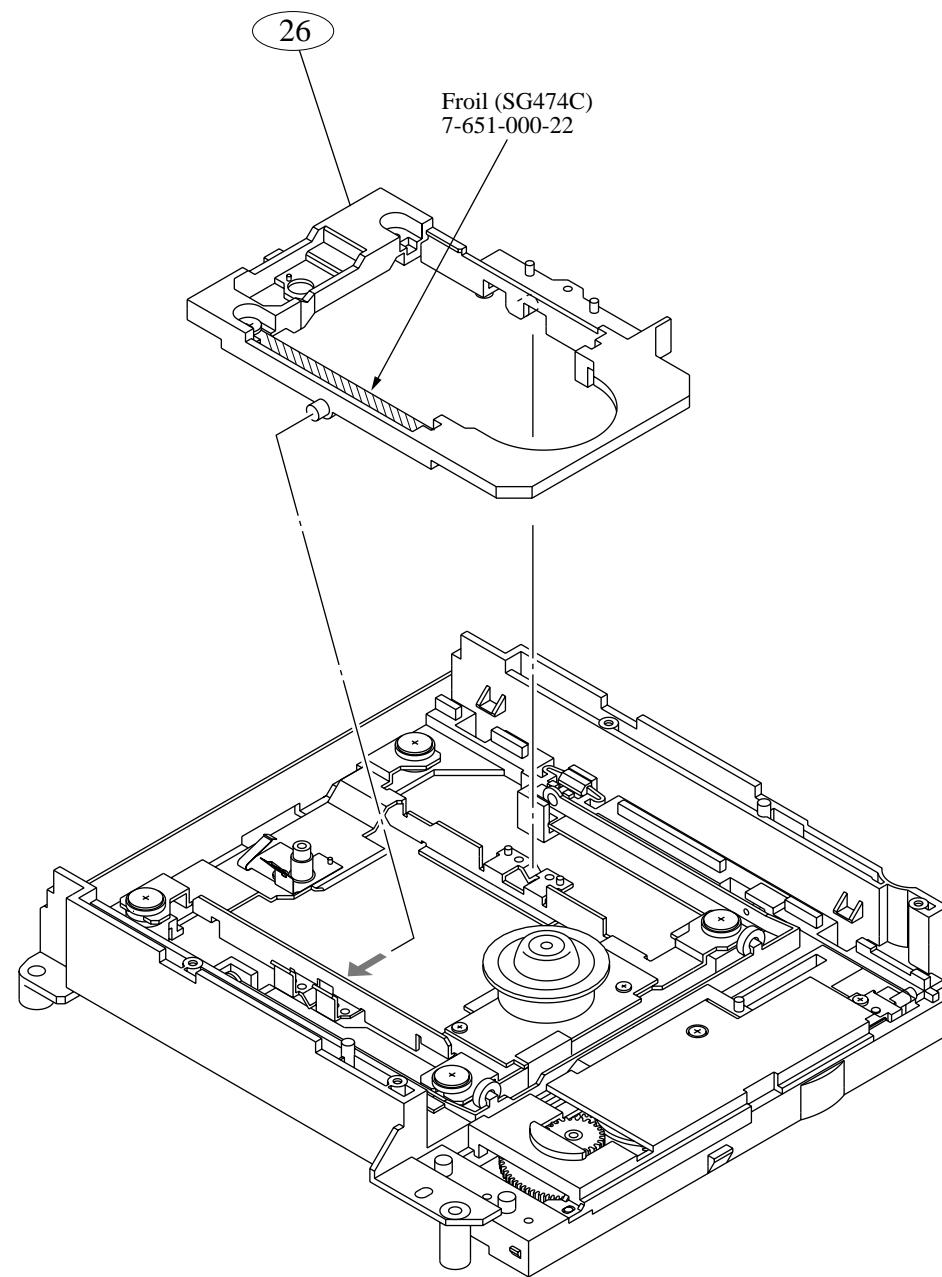
(36) GUIDE (R)

(37) SCREW, SKEW



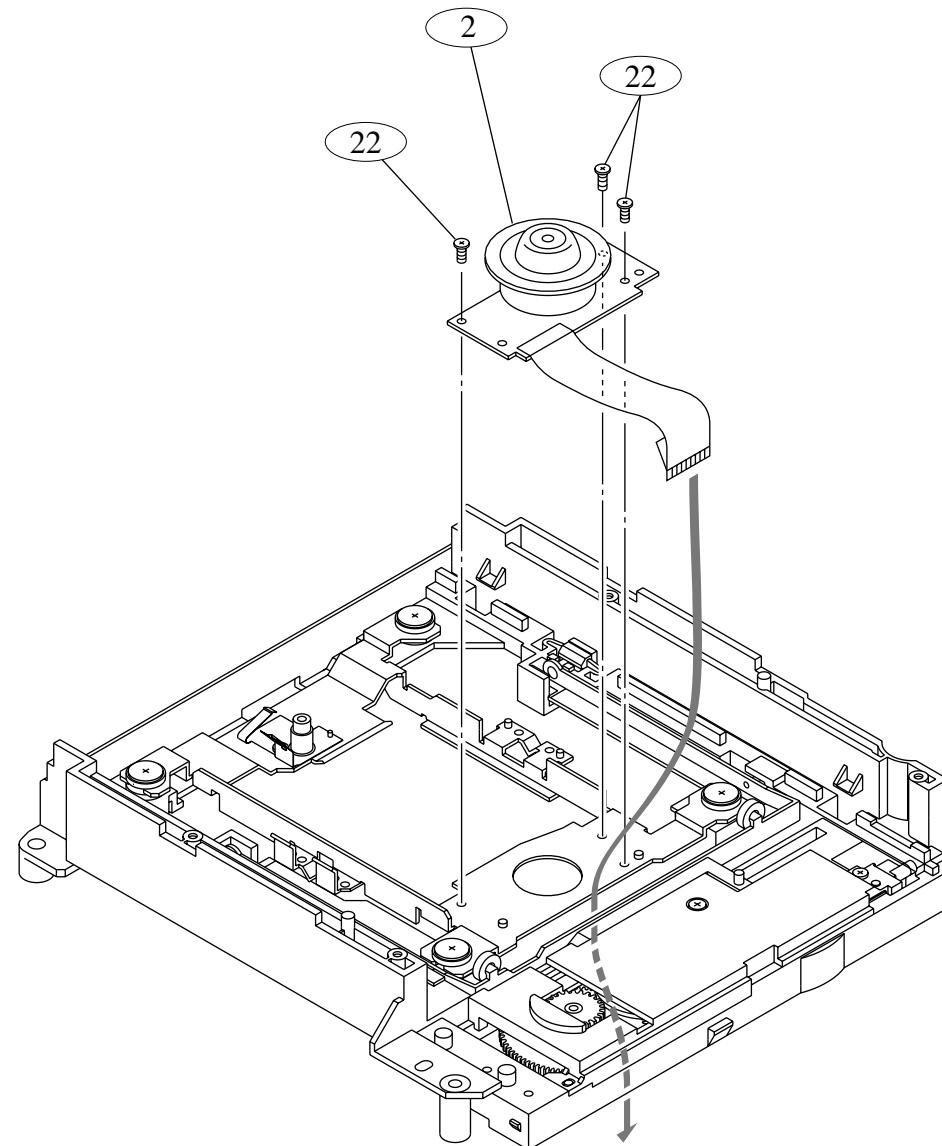
TOOLS : SCREW DRIVER (+#0)

30



(2) SPINDLE  
MOTOR, DC

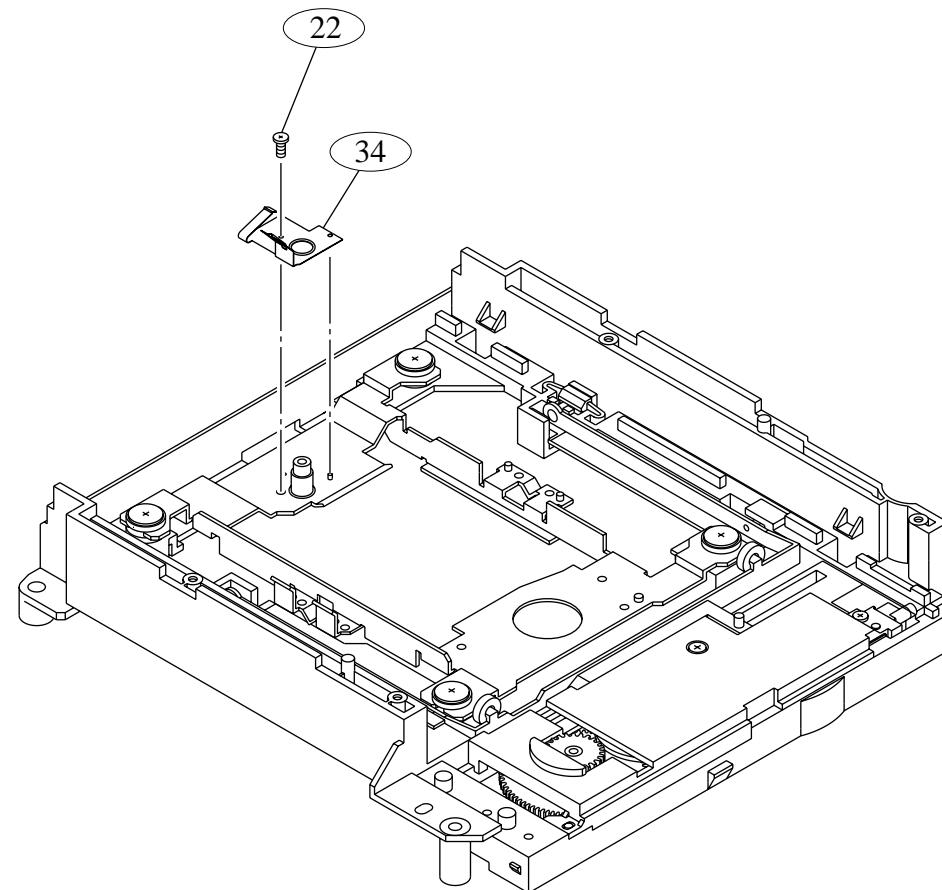
(22) 0 PLATE 3 MAIN  
M2 X 3.2



TOOLS : SCREW DRIVER (+#0)

(22) 0 PLATE 3 MAIN  
M2 X 3.2

(34) SPRING (TILT),  
LEAF

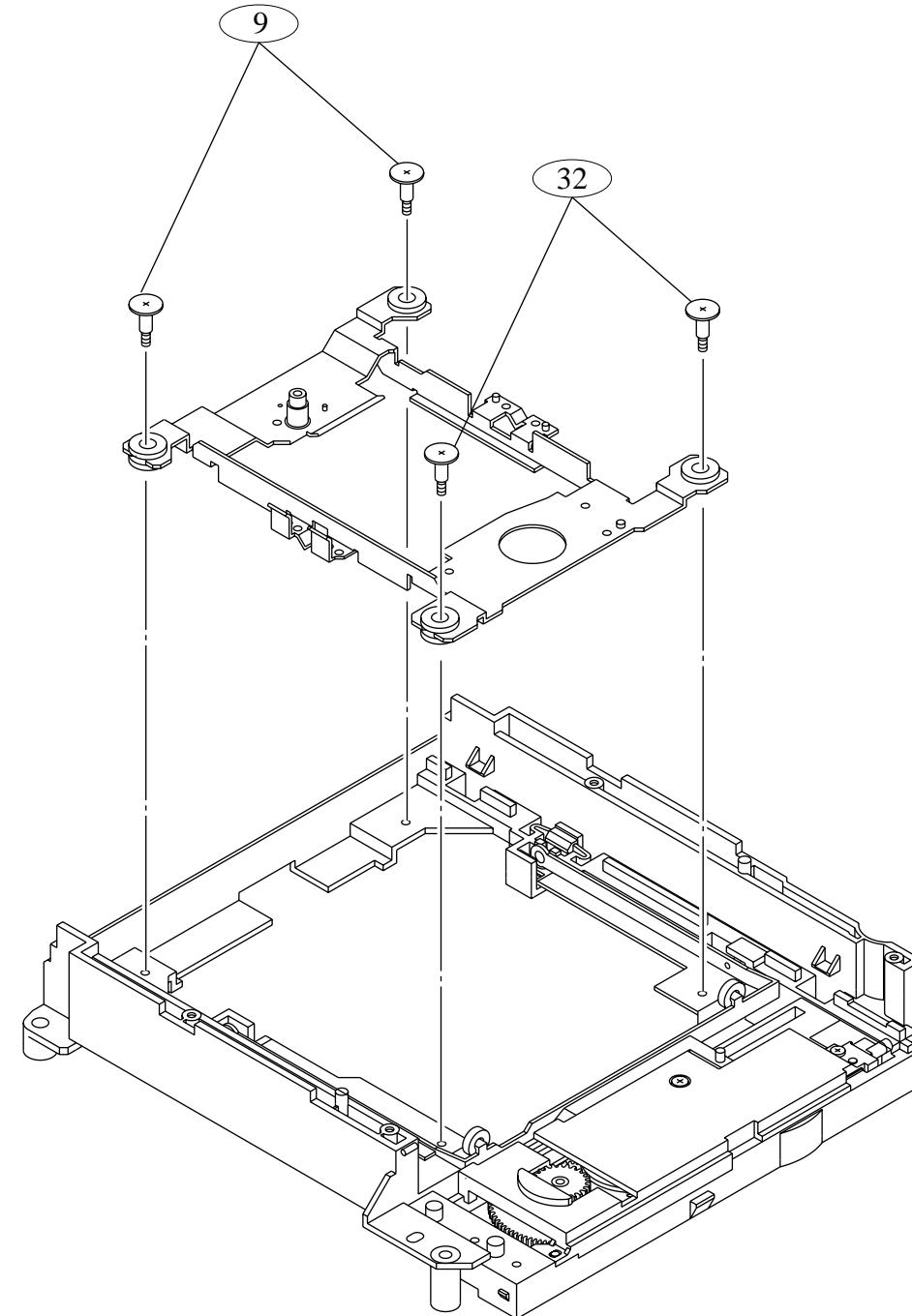


TOOLS : SCREW DRIVER (+#0)

33

(9) SCREW, STEP

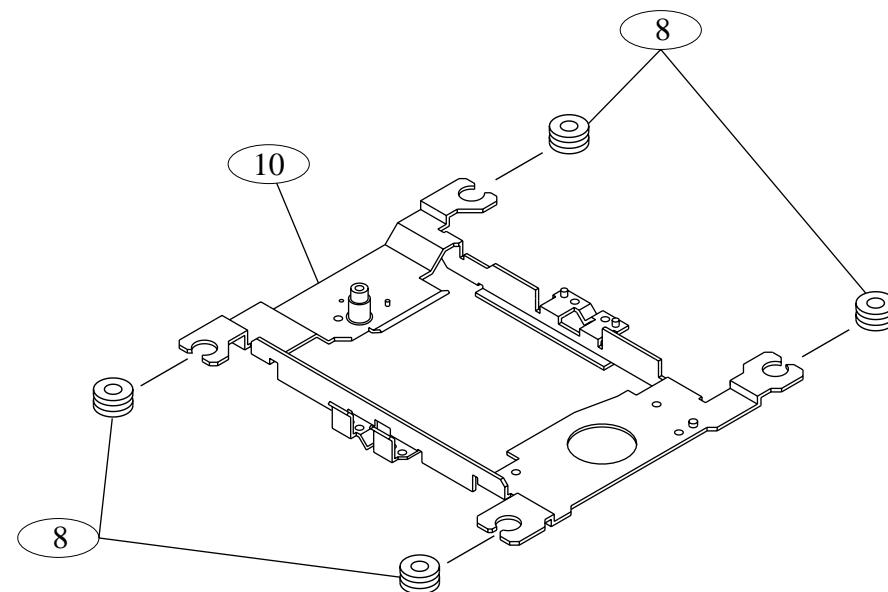
(32) SCREW (SUB), STEP



TOOLS : SCREW DRIVER (+#0)

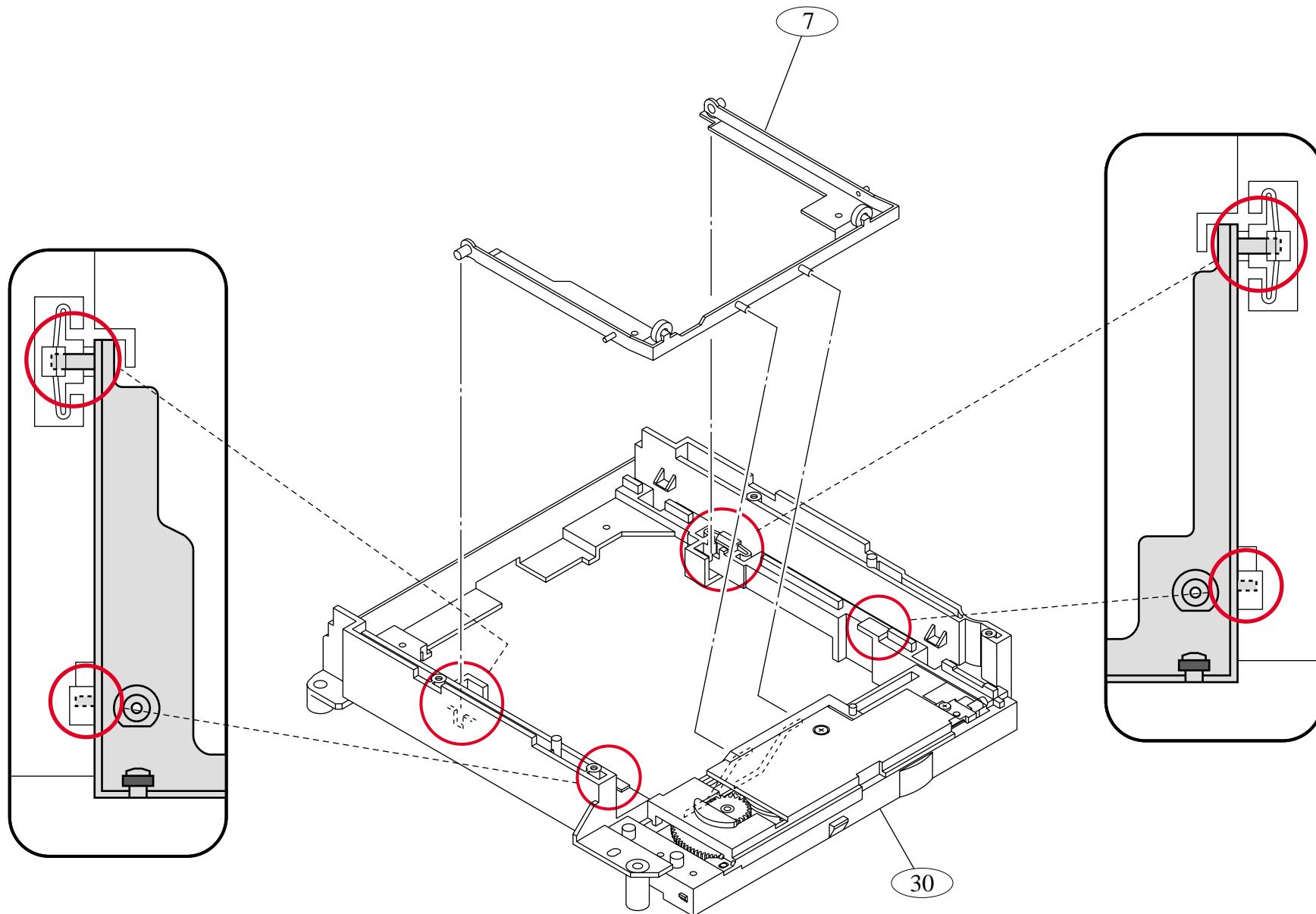
(8) INSULATOR

(10) CHASSIS ASSY,  
MAIN



7 SUB FRAME ASSY

30 MAIN FRAME ASSY

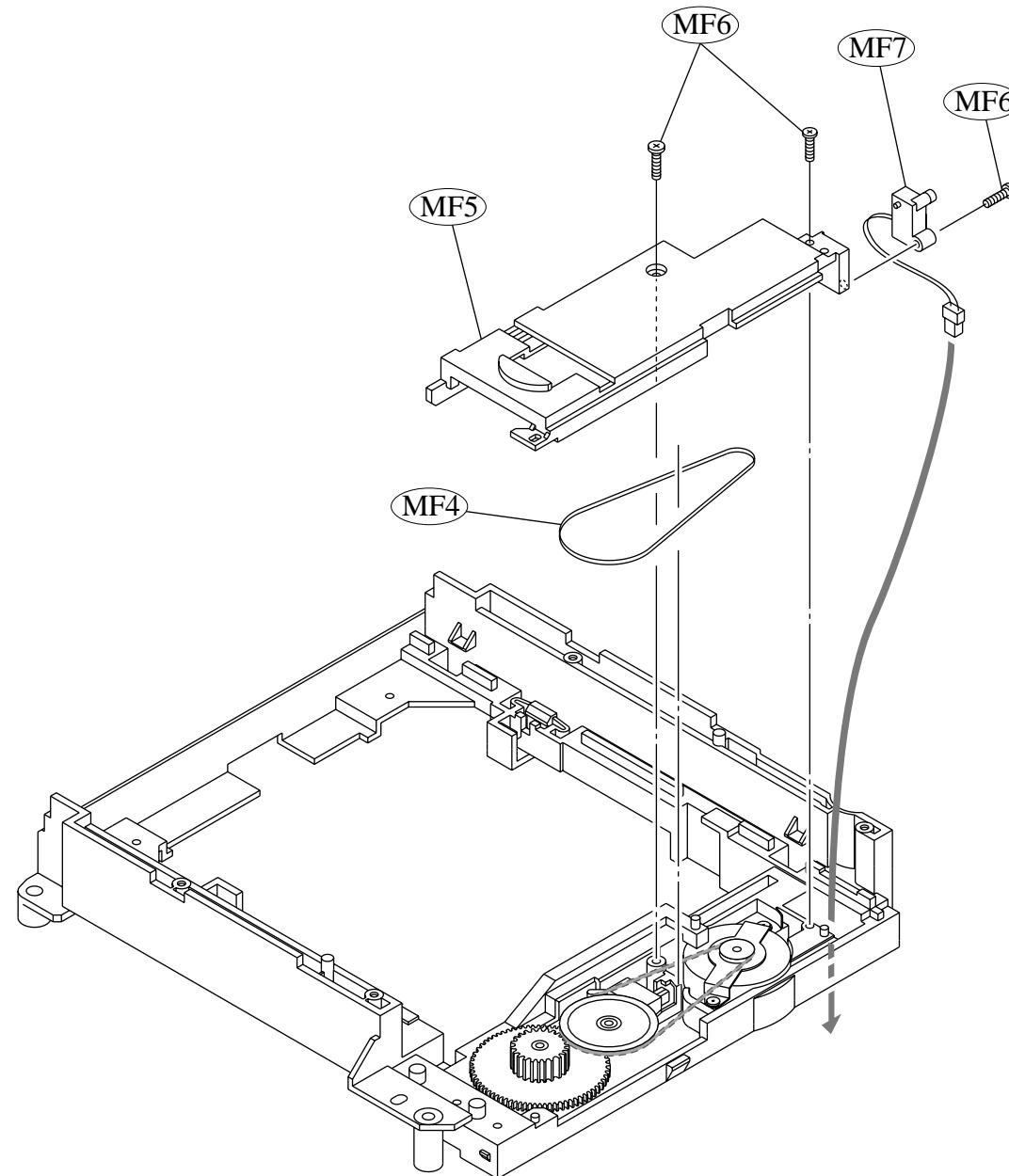


(MF4) BELT, RUBBER

(MF5) COVER GEAR

(MF6) TAPPING (B2 X 6.5)

(MF7) SWITCH LEAF

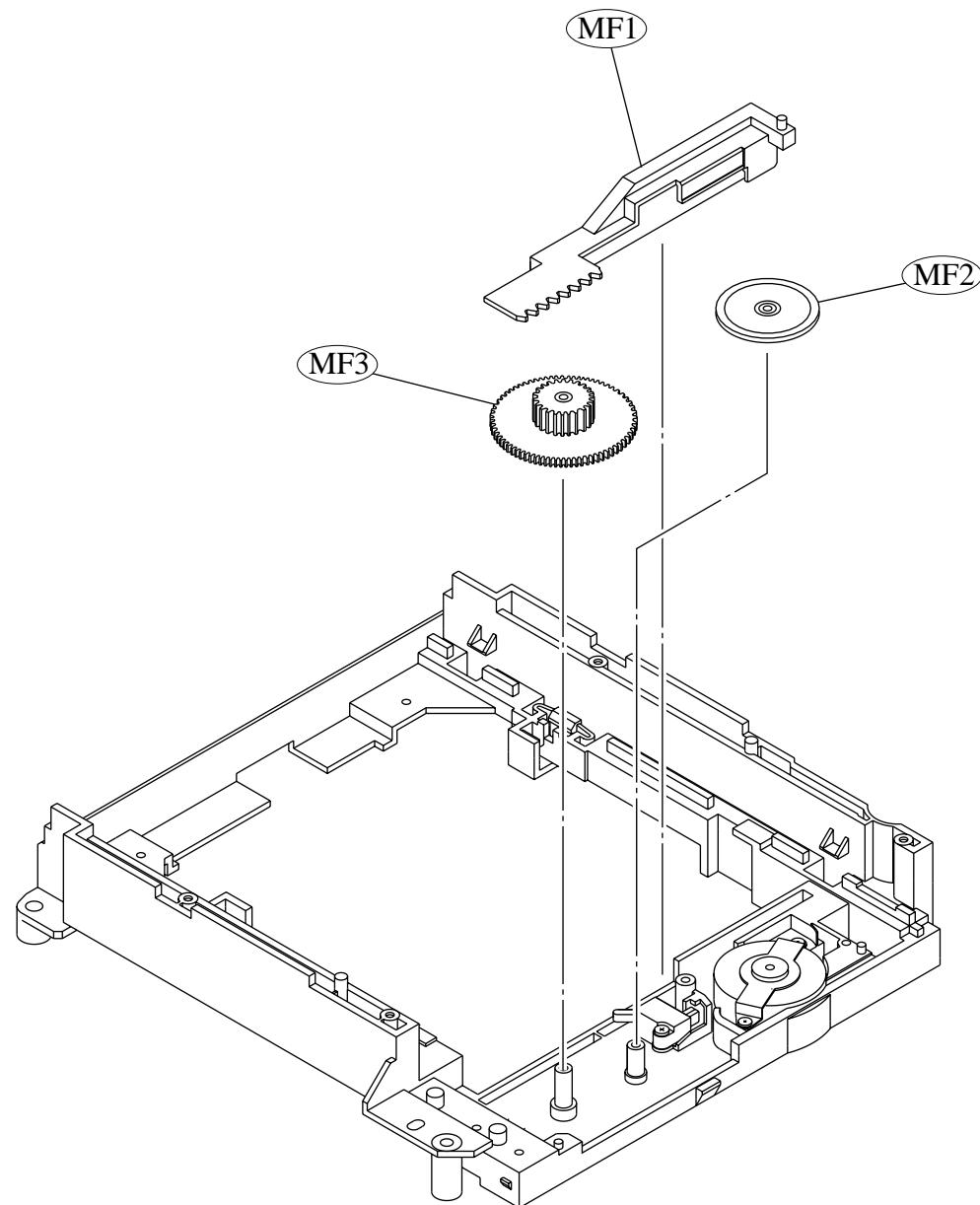


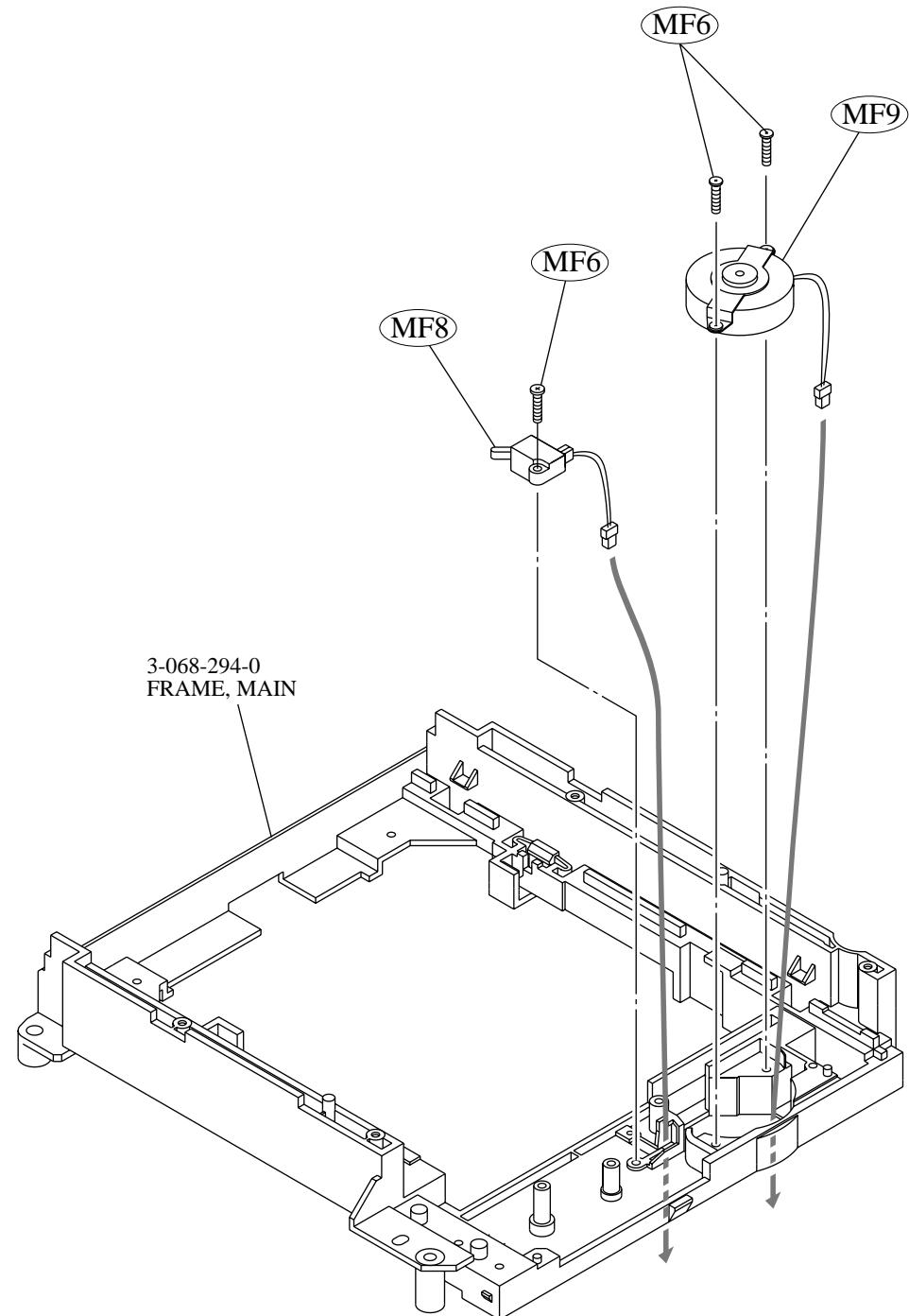
TOOLS : SCREW DRIVER (+#0)

(MF1) CAM, SLIDE

(MF2) PULLEY

(MF3) GEAR, DRIVING





(MF6) TAPPING (B2 X 6.5)

(MF8) SWITCH LEAF

(MF9) LOADING MOTOR, DC

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