



SCPH-39002  
SCPH-39003  
SCPH-39004  
SCPH-39008

# SCPH-39000 series

**SERVICE MANUAL** 4th Edition  
for GH022 MOUNT  
(G-chassis)

PlayStation®2



Sony Computer Entertainment Inc.  
CS Department  
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**REVISIONS.**

This manual compiled by first edition of SCPH-39000 series 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 ▲ OR DOTTED LINE WITH MARK ▲ 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 ▲ 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 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. 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.

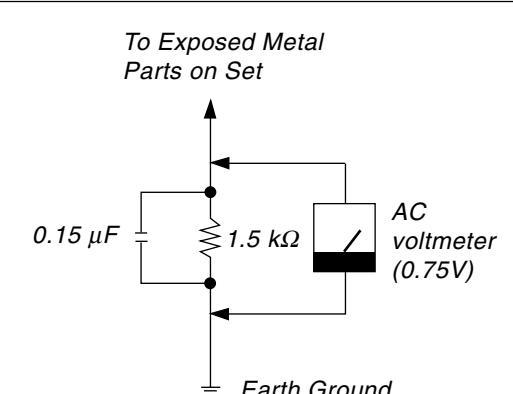


Fig A. Using AC voltmeter to check AC leakage

**NOTIFICATION for environmental assessment**

This model is CR2032 lithium battery onboard inside on the GB MOUNT or GH 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 law, regulation, standard, etc. of environmental assessment and safety.

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## SPECIFICATIONS

**General****Power requirements**

220 V-240 V AC, 50/60 Hz  
(SCPH-39002, 39003, 39004, 39008)

**Power consumption**

39 W

**Dimensions**

301 × 78 × 182 mm (w/h/d)

**Mass**

2.4 kg

**Inputs/Outputs on the front**

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

**Inputs/Outputs on the rear**

HDD bay slot (1)

**Outputs on the rear**

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

**Supplied accessories**

AC power cord (1)  
A/V connecting cable (1)  
Dualshock2 Analog controller (1)

# SUPPLIED ACCESSORIES, PACKING and INSTRUCTION MANUAL BLOCK

**NOTE :**

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

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

## SUPPLIED ACCESSORIES and PACKING GROUP PLACE CODE #23

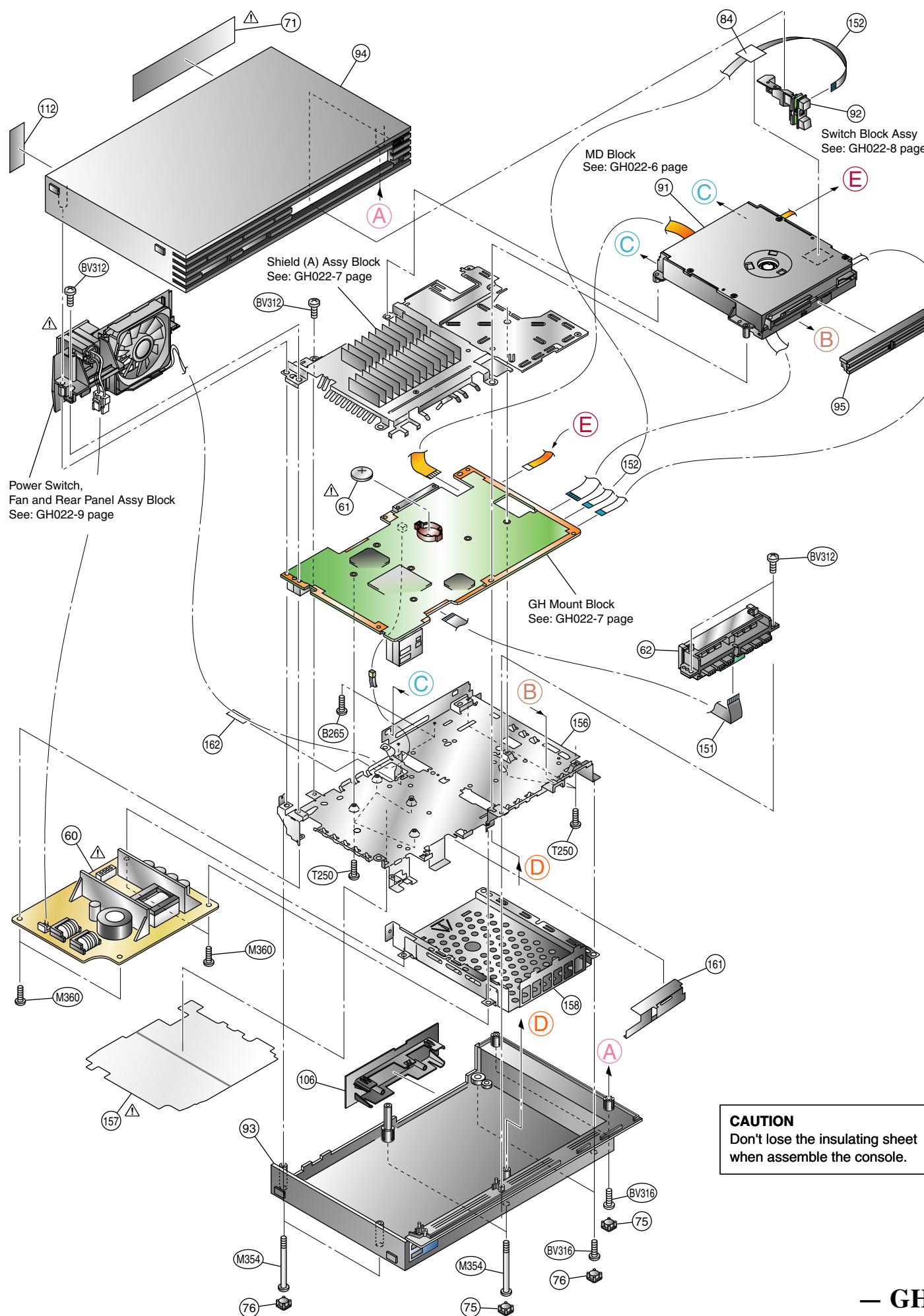
SCPH-39002 (AU3) ACCESSORIES & PACKING GROUP				SCPH-39003 (CEK) ACCESSORIES & PACKING GROUP				SCPH-39004 (CEL) ACCESSORIES & PACKING GROUP				SCPH-39008 (RU3) ACCESSORIES & PACKING GROUP			
Ref.	Part No.	Description	Remarks	Ref.	Part No.	Description	Remarks	Ref.	Part No.	Description	Remarks	Ref.	Part No.	Description	Remarks
AC	1-555-074-51	CORD, POWER		▲ AC	1-751-115-21	CORD, POWER		▲ AC	1-575-131-82	CORD, POWER		▲ AC	1-575-131-82	CORD, POWER	
AV	1-792-028-22	AV CABLE (Integrated audio/video)		▲ AC	1-751-115-31	CORD, POWER		▲ AC	1-823-152-11	CORD, POWER		▲ AC	1-823-152-11	CORD, POWER	
AV	1-792-028-32	AV CABLE (Integrated audio/video)		▲ AC	1-751-115-44	CORD, POWER		AV	1-792-028-22	AV CABLE (Integrated audio/video)		AV	1-792-028-22	AV CABLE (Integrated audio/video)	
AV	1-792-028-42	AV CABLE (Integrated audio/video)		▲ AC	1-790-023-21	CORD, POWER		AV	1-792-028-32	AV CABLE (Integrated audio/video)		AV	1-792-028-32	AV CABLE (Integrated audio/video)	
AV	1-792-028-51	AV CABLE (Integrated audio/video)		AV	1-792-028-42	AV CABLE (Integrated audio/video)		AV	1-792-028-51	AV CABLE (Integrated audio/video)		AV	1-792-028-42	AV CABLE (Integrated audio/video)	
AV	1-792-028-61	AV CABLE (Integrated audio/video)		AV	1-792-028-51	AV CABLE (Integrated audio/video)		AV	1-792-028-61	AV CABLE (Integrated audio/video)		AV	1-792-028-51	AV CABLE (Integrated audio/video)	
CONT	1-823-069-51	ANALOG CONTROLLER (DUALSHOCK 2)		AV	1-792-028-61	AV CABLE (Integrated audio/video)		CONT	1-823-069-51	ANALOG CONTROLLER (DUALSHOCK 2)		AV	1-792-028-61	AV CABLE (Integrated audio/video)	
CONT	1-823-552-11	ANALOG CONTROLLER (DUALSHOCK 2)		CONT	1-823-552-12	ANALOG CONTROLLER (DUALSHOCK 2)		CONT	1-823-552-12	ANALOG CONTROLLER (DUALSHOCK 2)		CONT	1-823-069-51	ANALOG CONTROLLER (DUALSHOCK 2)	
CUR	3-072-422-01	CUSHION (R) PULP	not supply	CONV	1-573-291-12	CONNECTOR, CONVERSION		CONV	1-573-291-12	CONNECTOR, CONVERSION		CONV	1-573-291-12	CONNECTOR, CONVERSION	
CUL	3-072-423-01	CUSHION (L) PULP	not supply	CONV	1-785-004-12	CONNECTOR, CONVERSION		CONV	1-785-004-12	CONNECTOR, CONVERSION		CONV	1-785-004-12	CONNECTOR, CONVERSION	
SH	3-076-746-01	SHEET, PROTECTION	not supply	CUR	3-072-422-01	CUSHION (R) PULP	not supply	CUR	3-072-422-01	CUSHION (R) PULP	not supply	CUR	3-072-422-01	CUSHION (R) PULP	
CA	3-076-748-01	INDIVIDUAL CARTON	not supply	CUL	3-072-423-01	CUSHION (L) PULP	not supply	CUL	3-072-423-01	CUSHION (L) PULP	not supply	CUL	3-072-423-01	CUSHION (L) PULP	
MC	3-076-745-21	MASTER CARTON, 3 SETS	not supply	SH	3-076-746-01	SHEET, PROTECTION	not supply	SH	3-076-746-01	SHEET, PROTECTION	not supply	SH	3-076-746-01	SHEET, PROTECTION	
TA	3-987-483-11	TAPE, BERODDED PREVENTION	not supply	CA	3-076-744-01	INDIVIDUAL CARTON	not supply	CA	3-076-744-01	INDIVIDUAL CARTON	not supply	CA	3-078-825-01	INDIVIDUAL CARTON	
IMB	A-6787-600-A	MANUAL BLOCK ASSY, INSTRUCTION	not supply	MC	3-076-745-11	MASTER CARTON, 3 SETS	not supply	MC	3-076-745-01	MASTER CARTON, 3 SETS	not supply	MC	3-078-826-01	MASTER CARTON, 3 SETS	
				PAD	3-065-172-01	PAD, TOGETHER PACKING	not supply	PAD	3-065-172-01	PAD, TOGETHER PACKING	not supply	PAD	3-065-172-01	PAD, TOGETHER PACKING	
				TA	3-987-483-11	TAPE, BERODDED PREVENTION	not supply	TA	3-987-483-11	TAPE, BERODDED PREVENTION	not supply	TA	3-987-483-11	TAPE, BERODDED PREVENTION	
				IMB	A-6787-548-A	MANUAL BLOCK ASSY, INSTRUCTION	not supply	IMB	A-6787-548-A	MANUAL BLOCK ASSY, INSTRUCTION	not supply	IMB	A-6787-943-A	MANUAL BLOCK ASSY, INSTRUCTION	

## INSTRUCTION MANUAL BLOCK ASSY PLACE CODE #23

SCPH-39002 (AU3) ACCESSORIES & PACKING GROUP				SCPH-39003 (CEK) ACCESSORIES & PACKING GROUP				SCPH-39004 (CEL) ACCESSORIES & PACKING GROUP				SCPH-39008 (RU3) ACCESSORIES & PACKING GROUP			
Ref.	Part No.	Description	Remarks	Ref.	Part No.	Description	Remarks	Ref.	Part No.	Description	Remarks	Ref.	Part No.	Description	Remarks
AOR	3-066-158-03	CARD (A), OWNER REGISTRATION	not supply	BOR	3-066-159-03	CARD (B), OWNER REGISTRATION	not supply	COR	3-066-160-04	CARD (C), OWNER REGISTRATION	not supply	COR	3-081-223-01	CARD (C), OWNER REGISTRATION	not supply
IM	3-076-132-21	MANUAL, INSTRUCTION	not supply	IM	3-076-132-31	MANUAL, INSTRUCTION	not supply	IM	3-076-132-41	MANUAL, INSTRUCTION	not supply	IM	3-076-132-62	MANUAL, INSTRUCTION	not supply
DISK	3-073-543-02	DISK, DEMONSTRATION	not supply	DISK	3-073-543-02	DISK, DEMONSTRATION	not supply	IM	3-076-132-51	MANUAL, INSTRUCTION	not supply	IM	3-073-543-11	DISK, DEMONSTRATION	not supply
SE	3-987-375-02	SEAL, SEAL	not supply	SE	3-987-375-02	SEAL, SEAL	not supply	DISK	3-073-543-02	DISK, DEMONSTRATION	not supply	SE	3-987-375-02	SEAL, SEAL	not supply

## EXPLODED VIEWS

## Overall and Main Block



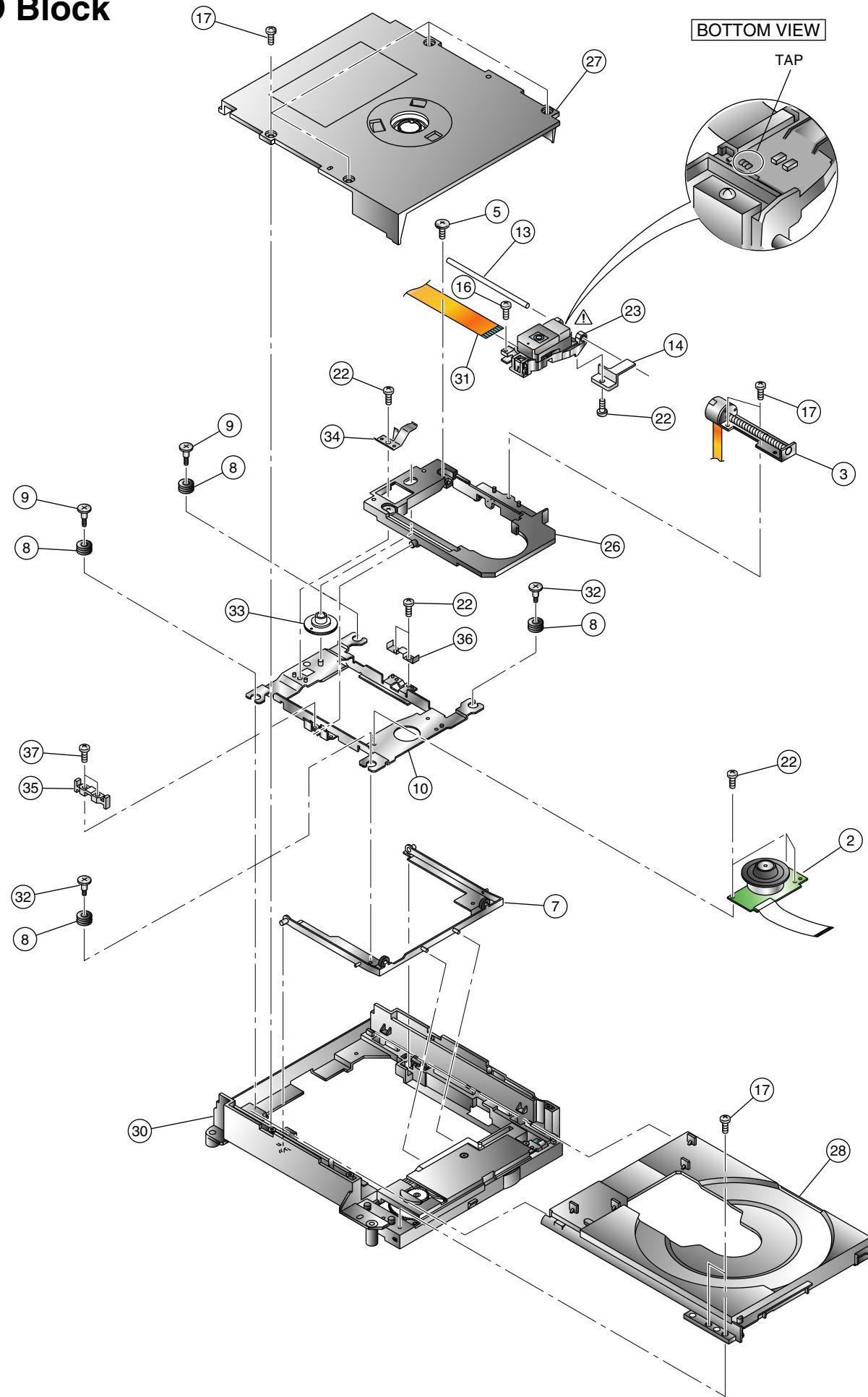
## CAUTION

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	1-468-605-41	POWER BLOCK	<b>for 220-240V AC</b>	#00
$\triangle$ 61	1-528-174-41	BATTERY, LITHIUM (CR2032 TYPE)		#25GH
62	1-694-873-11	TERMINAL BOARD (FRONT)		#17
62	1-694-874-11	TERMINAL BOARD (FRONT)		#17
62	1-694-875-11	TERMINAL BOARD (FRONT)		#17
$\triangle$ 71	3-077-345-01	LABEL, MODEL NUMBER (AU3)	<b>for SCPH-39002</b>	#87
$\triangle$ 71	3-077-346-01	LABEL, MODEL NUMBER (CEK)	<b>for SCPH-39003</b>	#87
$\triangle$ 71	3-077-347-01	LABEL, MODEL NUMBER (CEL)	<b>for SCPH-39004</b>	#87
$\triangle$ 71	3-079-073-51	LABEL, MODEL NUMBER (RU3)	<b>for SCPH-39008</b>	#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-6787-618-A	MD BLOCK ASSY		#10
92	A-6787-975-A	SWITCH BLOCK ASSY		#87
93	X-3951-705-2	COVER ASSY, LOWER		#87
94	X-3951-706-2	COVER ASSY, UPPER		#87
95	X-3951-099-1	PLATE ASSY, ORNAMENTAL		#25GH
106	3-070-847-11	LID		#87
112	3-066-498-01	TAPE, VOID	<b>for SCPH-39002/39003/39004</b>	#87
112	3-079-117-01	TAPE, VOID	<b>for SCPH-39008</b>	
151	1-757-934-11	CABLE, FLEXIBLE FLAT (FFC-011)		#12
151	1-757-934-21	CABLE, FLEXIBLE FLAT (FFC-011)		#12
151	1-757-934-31	CABLE, FLEXIBLE FLAT (FFC-011)		#12
151	1-757-934-41	CABLE, FLEXIBLE FLAT (FFC-011)		#12
152	1-823-341-11	CABLE, FLEXIBLE FLAT (FFC-015)		#12
152	1-823-341-21	CABLE, FLEXIBLE FLAT (FFC-015)		#12
152	1-823-341-51	CABLE, FLEXIBLE FLAT (FFC-015)		#12
156	3-077-018-01	SHIELD (B) (G)		#16
157	3-071-971-01	SHEET, INSULATING		#16
158	3-071-973-01	SHIELD HDD (F)		#87
161	3-070-120-01	SHEET, INTERCEPTION		#87
162	3-069-212-01	TAPE, HARNESS STOPPER		#87
B265	3-069-170-01	TAPPING (B2X6.5)		#87
BV312	3-072-627-01	SCREW, +BV TAPPING		#87
BV312	3-325-679-21	SCREW, TAPPING +BV 3X12		#87
BV316	3-070-296-01	TAPPING +BV 3X16		#87
BV316	3-072-627-11	SCREW, +BV TAPPING		#87
BV316	3-325-679-91	SCREW (2 LOCK), +BV TAPPING		#87
M354	3-059-622-02	SCREW (M3X54), HEAD TAPPING		#87
M360	3-069-168-01	TITE (CZN), M3X6 +BV S		#87
T250	3-071-976-01	TAPPING (2X5)		#87

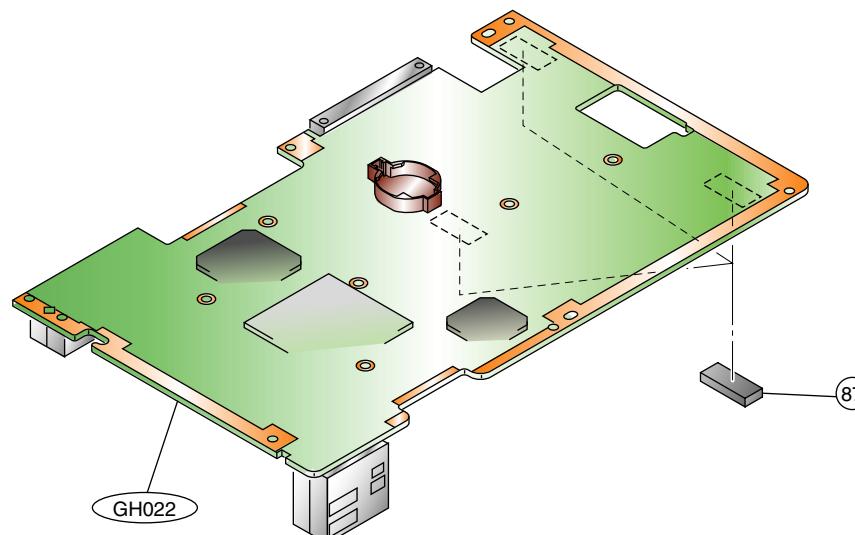
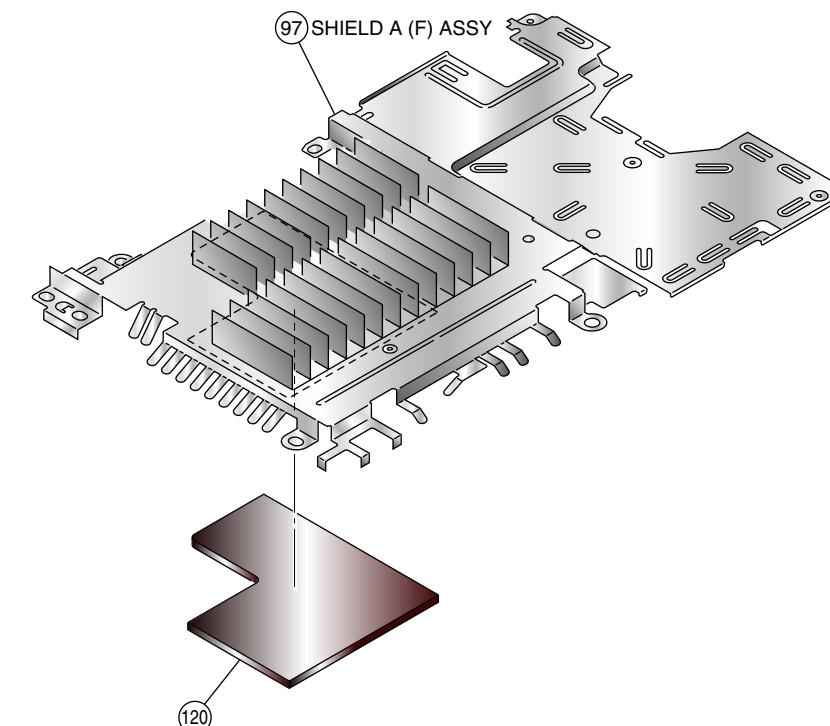
**MD Block****CAUTION**

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

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**MD BLOCK**

Ref-No.	Part No.	Description	Remark	Place code
2	1-763-700-21	MOTOR, DC (SPINDLE)		#10SP
3	1-763-639-21	MOTOR, DC		#10
3	1-763-791-11	MOTOR, DC (SLED)		#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	3-071-957-01	CHASSIS, 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 M2X3.2		#10
$\triangle$ 23	8-820-151-15	DEVICE, OPTICAL KHS-400C/K1NP4		#100P
$\triangle$ 23	8-820-151-16	DEVICE, OPTICAL KHS-400C/C-NP4		#100P
$\triangle$ 23	8-820-151-17	DEVICE, OPTICAL KHS-400C/C1NP4		#100P
$\triangle$ 23	8-820-151-18	DEVICE, OPTICAL KHS-400C/J1NP2		#100P
26	X-3952-057-2	CHASSIS ASSY, SUB		#10
27	X-3952-059-1	BRACKET ASSY, PULLEY		#10
28	X-3952-060-1	TRAY ASSY		#10TR
30	X-3952-058-3	FRAME ASSY, MAIN		#10
31	1-680-370-22	PWB, FLEXIBLE		#10
32	3-068-075-02	SCREW (SUB), STEP		#10
33	3-071-965-03	CAM, TILT		#10
34	3-071-966-02	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

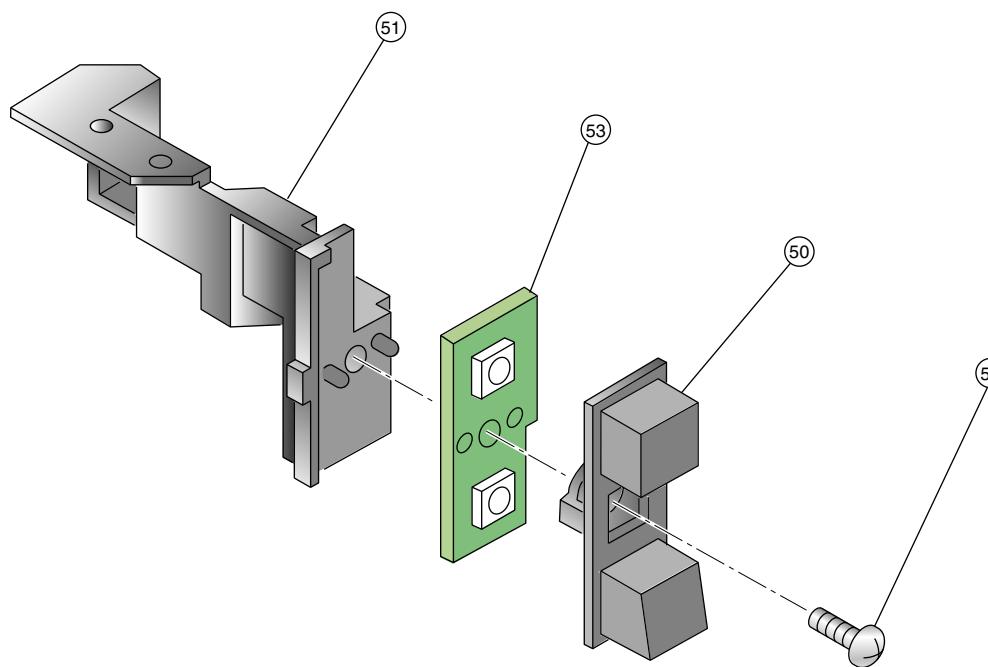
**GH Mount Block****Shield (A) Assy Block****GH MOUNT BLOCK**

<u>Ref-No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
87	3-068-806-02	SHEET (DRIVER), ELECTRIC HEAT	
GH022	A-6787-985-A A-6787-986-A	GH-022 COMPL (DD FJT) GH-022 MOUNT (DD FJT)	<b>for SCPH-39003/-39004</b>
GH022	A-6787-987-A A-6787-988-A	GH-022 COMPL (DD TXI) GH-022 MOUNT (DD TXI)	<b>for SCPH-39003/-39004</b>
GH022	A-6787-991-A A-6787-992-A	GH-022 COMPL (DD FJT) GH-022 MOUNT (DD FJT)	<b>for SCPH-39002</b>
GH022	A-6787-993-A A-6787-994-A	GH-022 COMPL (DD TXI) GH-022 MOUNT (DD TXI)	<b>for SCPH-39002</b>
GH022	A-6787-996-A A-6787-997-A	GH-022 COMPL (DD FJT) GH-022 MOUNT (DD FJT)	<b>for SCPH-39008</b>
GH022	A-6787-998-A A-6787-999-A	GH-022 COMPL (DD TXI) GH-022 MOUNT (DD TXI)	<b>for SCPH-39008</b>

**SHIELD (A) ASSY BLOCK**

<u>Ref-No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Place code</u>
97	X-3952-061-2	SHIELD A (F) ASSY		#87
97	X-3952-211-1	SHIELD A ASSY (FVA)		#87
97	X-3952-256-2	SHIELD (A (F)) ASSY		#87
120	3-059-652-01	SHEET (A), ELECTRIC HEAT		#87

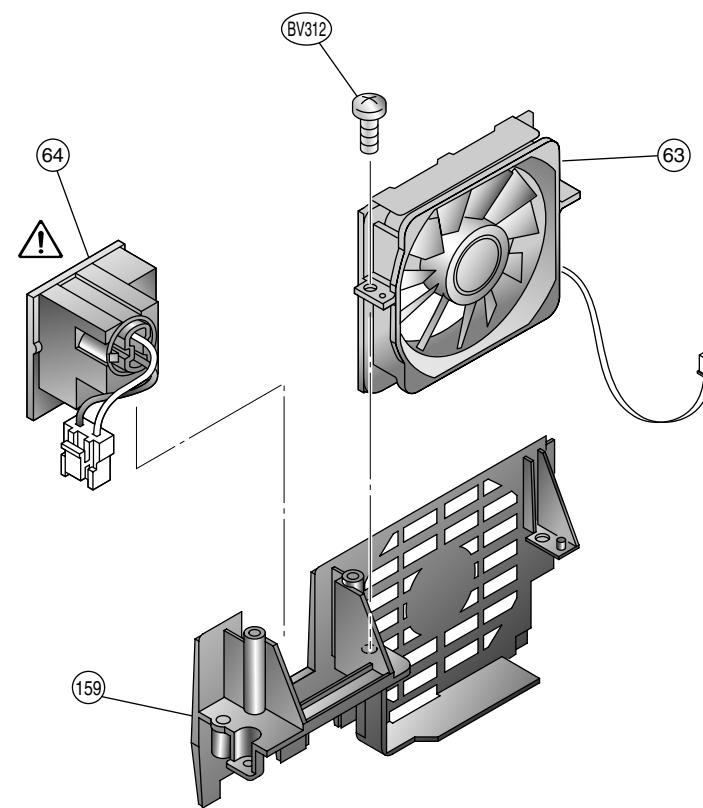
## Switch Assy Block



**SWITCH ASSY BLOCK**

<u>Ref-No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>	<u>Place code</u>
50	3-059-665-03	BUTTON, SWITCH		#25SW
51	3-059-666-05	BRACKET, SWITCH		#25SW
51	3-066-494-01	BRACKET, SWITCH		#25SW
52	7-685-105-11	TPG +P 2X8, TYPE 2, NON-SLIT		#25SW
53	A-6787-645-A	COMPLETE PWB, SW-382 Use with GH019 MOUNT		#25SW
	A-6787-646-A	SW-382 MOUNT		
53	A-6787-647-A	COMPLETE PWB (VA), SW-382 Use with GH019 MOUNT		#25SW
	A-6787-648-A	SW-382 MOUNT		
53	A-6787-976-A	COMPLETE PWB, SW-393 Use with GH022 MOUNT		#25SW
	A-6787-977-A	SW-393 MOUNT		
53	A-6787-978-A	COMPLETE PWB (VA), SW-393 Use with GH022 MOUNT		#25SW
	A-6787-979-A	SW-393 MOUNT (VA)		

## Power Switch, Fan and Rear Panel Assy Block



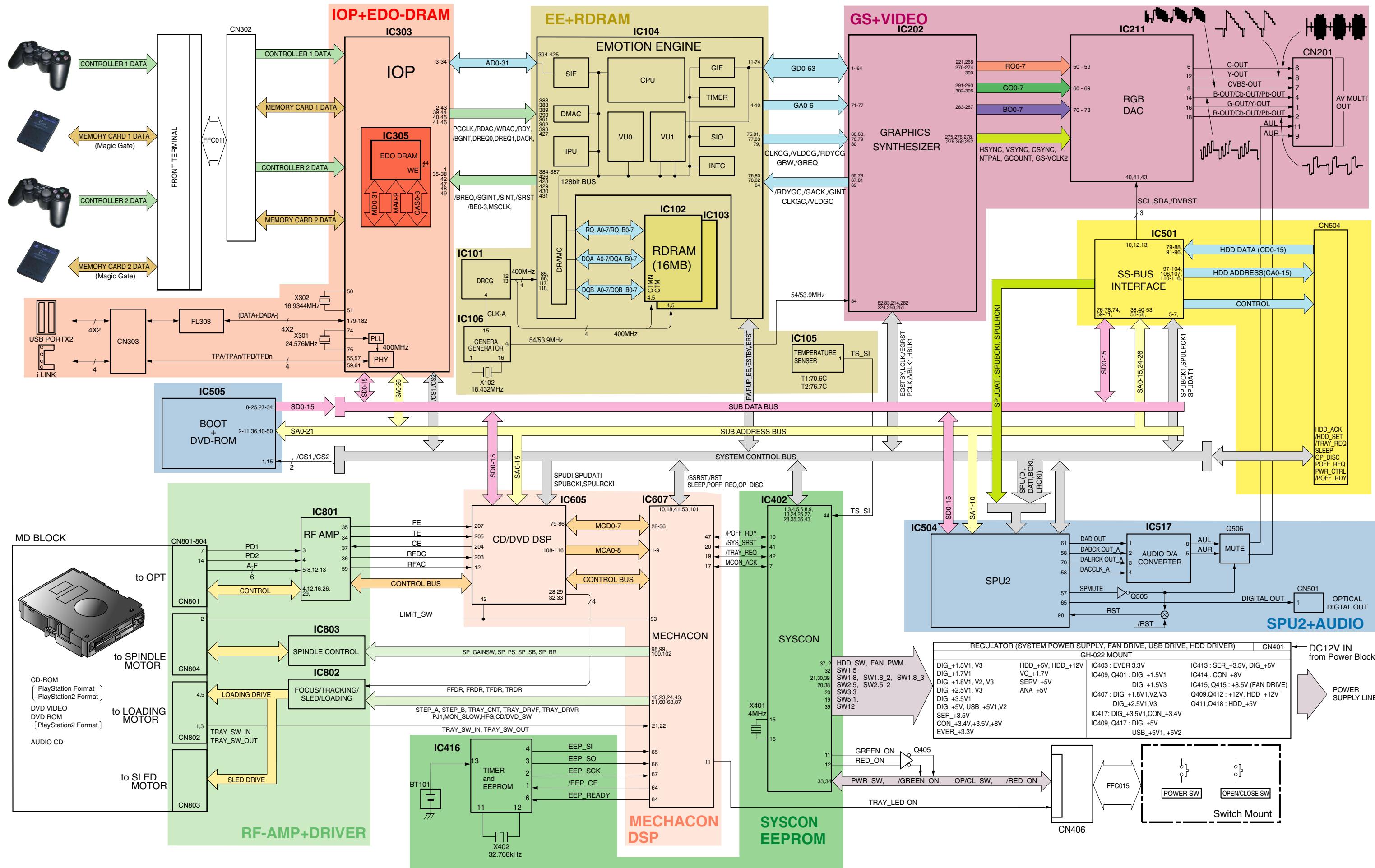
### CAUTION

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.

Ref-No.	Part No.	Description	Remark	Place code
63	1-763-480-31	DC. FAN		#74
$\triangle$ 64	1-771-995-31	SWITCH, POWER (WITH AC INLET)		#00
$\triangle$ 64	1-786-209-21	SWITCH, POWER (AC INLET)		#00
$\triangle$ 64	1-786-345-11	SWITCH, POWER (WITH AC INLET)		#00
159	3-071-901-11	PANEL, REAR		#87
BV312	3-072-627-01	SCREW, +BV TAPPING		#87
BV312	3-325-679-21	SCREW, TAPPING +BV 3X12		#87

# BLOCK DIAGRAM



## PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS

**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 $\Omega$ .

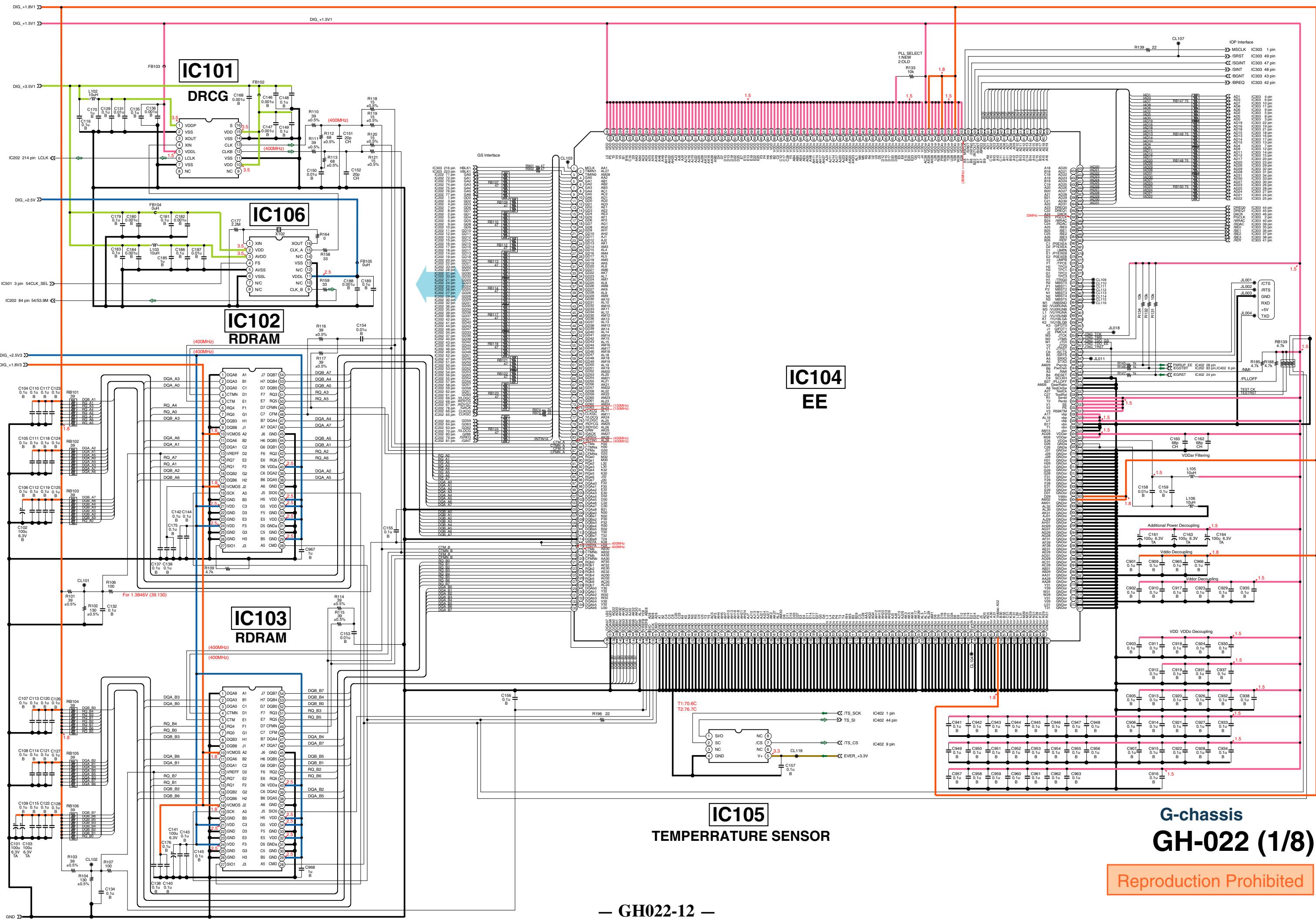
**Note :**  
The components identified by mark  $\triangle$  or dotted line with mark  $\triangle$  are critical for safety.  
Replace only with part number specified.

**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 :  | • VC :                |
| • +3.4V :  | • +1.5V :             |
| • +1.7V :  | • +8.5V :             |
| • IN :     | • Main Signal Line :  |
| • OUT :    |  |

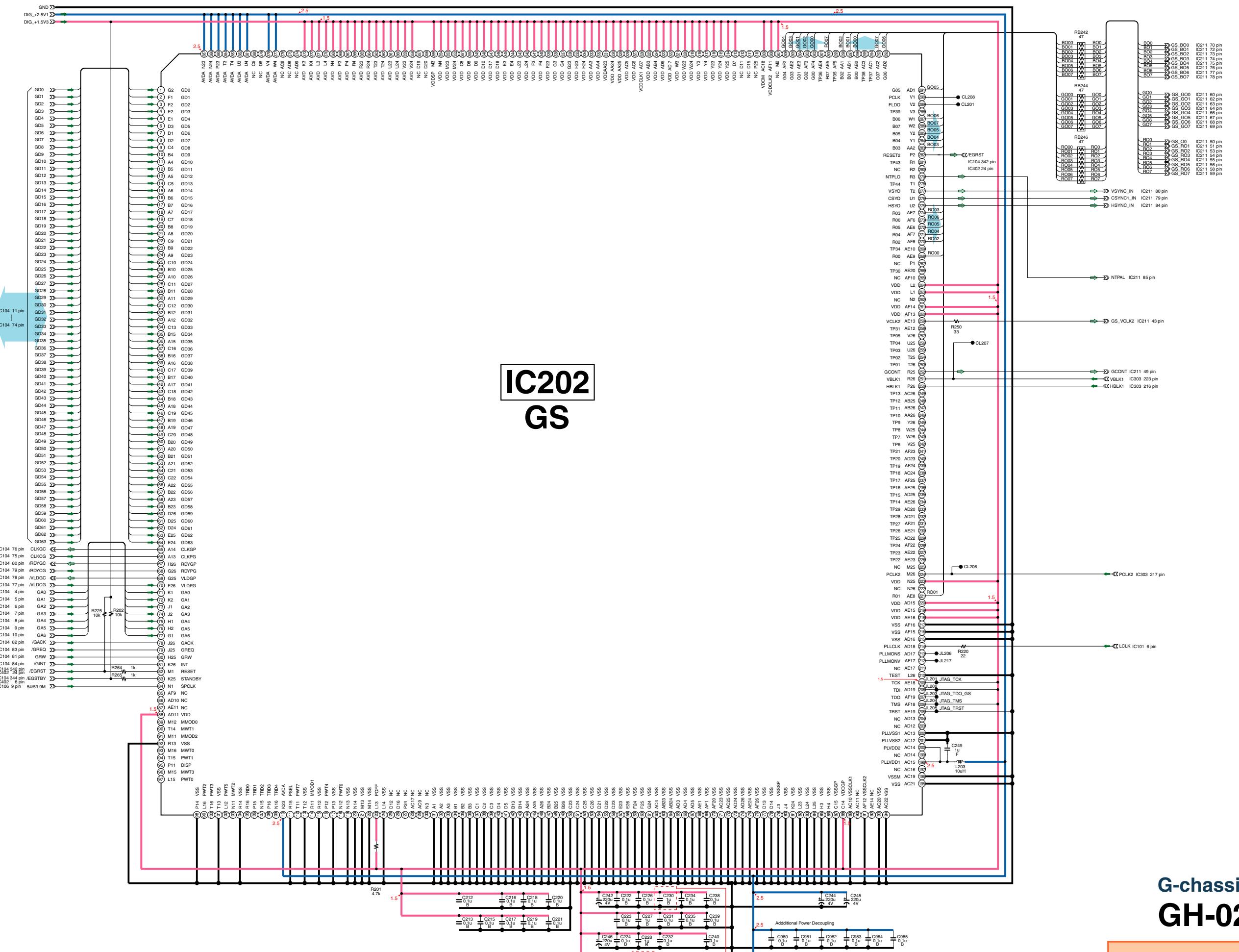


**IC105**  
**TEMPERRATURE SENSOR**

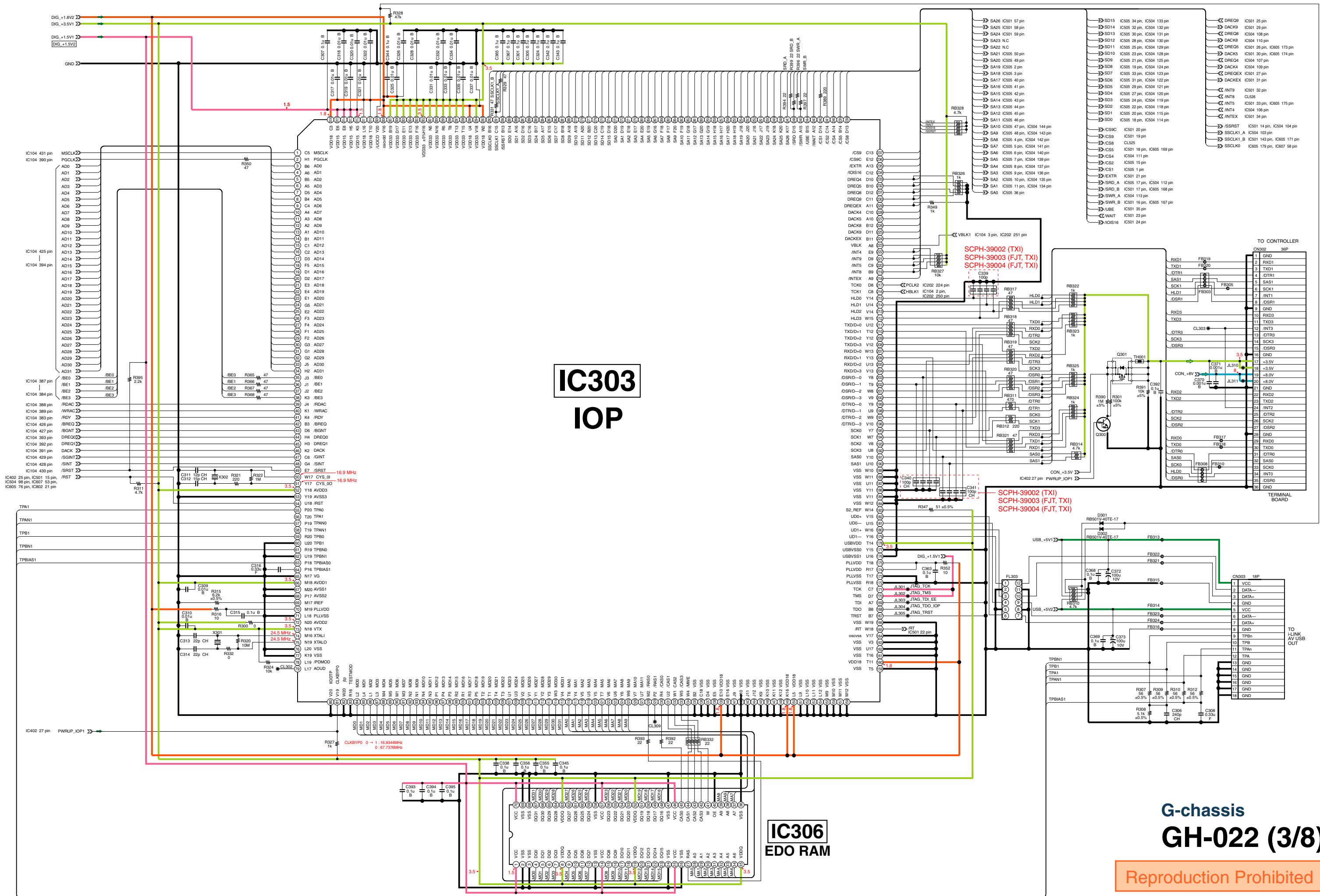
# G-chassis

## GH-022 (1/8)

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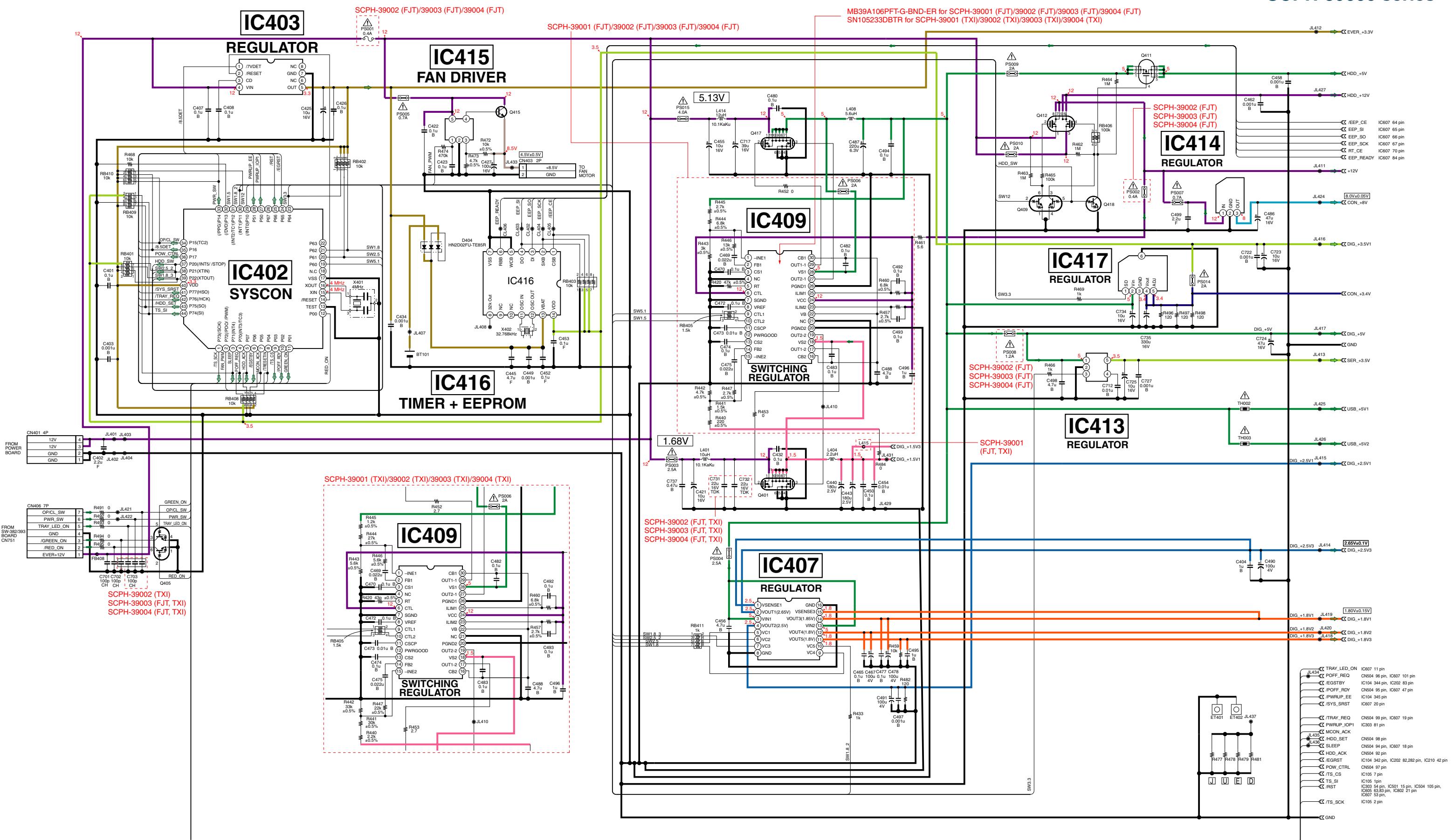
– GH022-13 –



# G-chassis

## GH-022 (3/8)

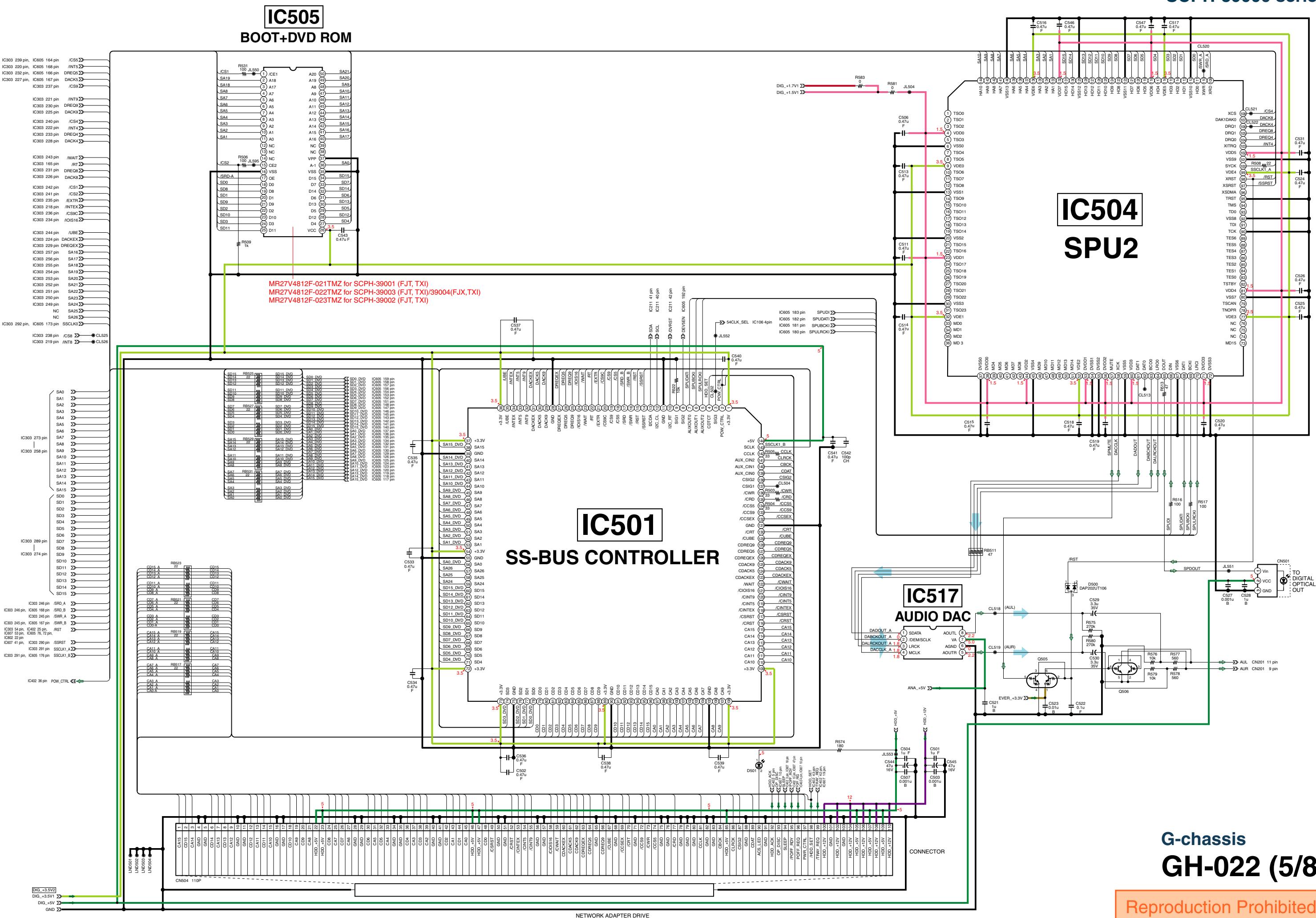
Reproduction Prohibited



# G-chassis

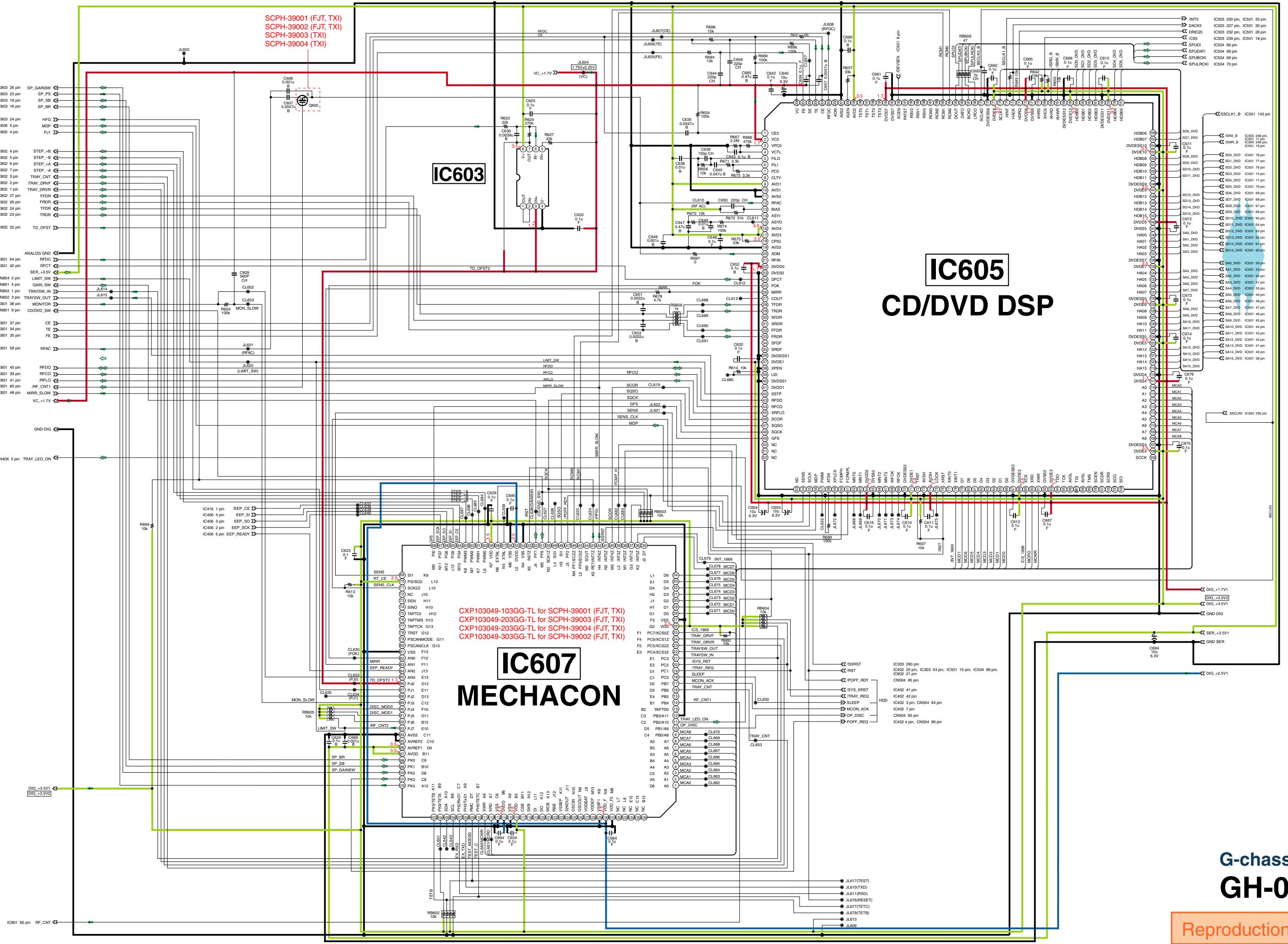
## GH-022 (4/8)

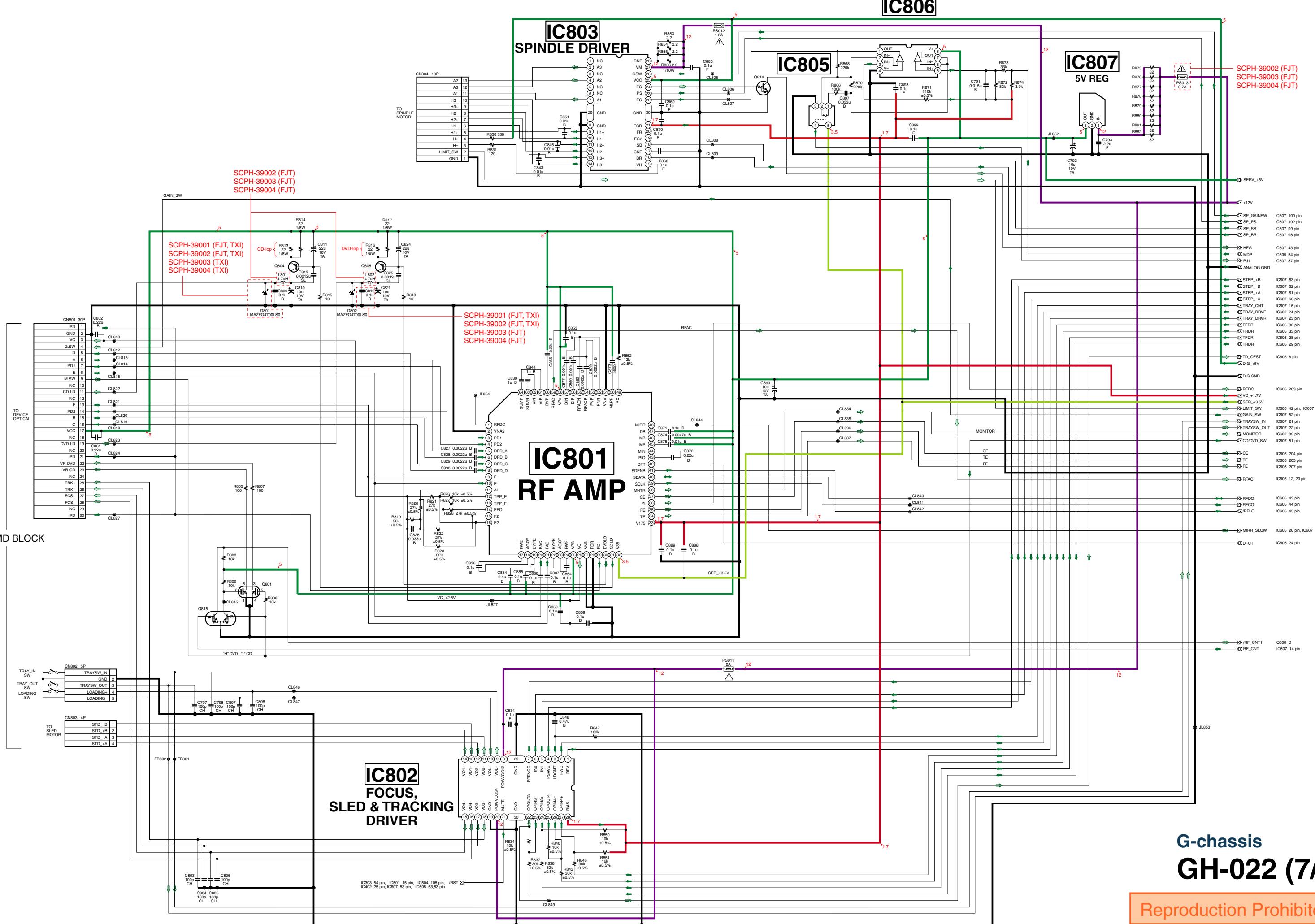
Reproduction Prohibited

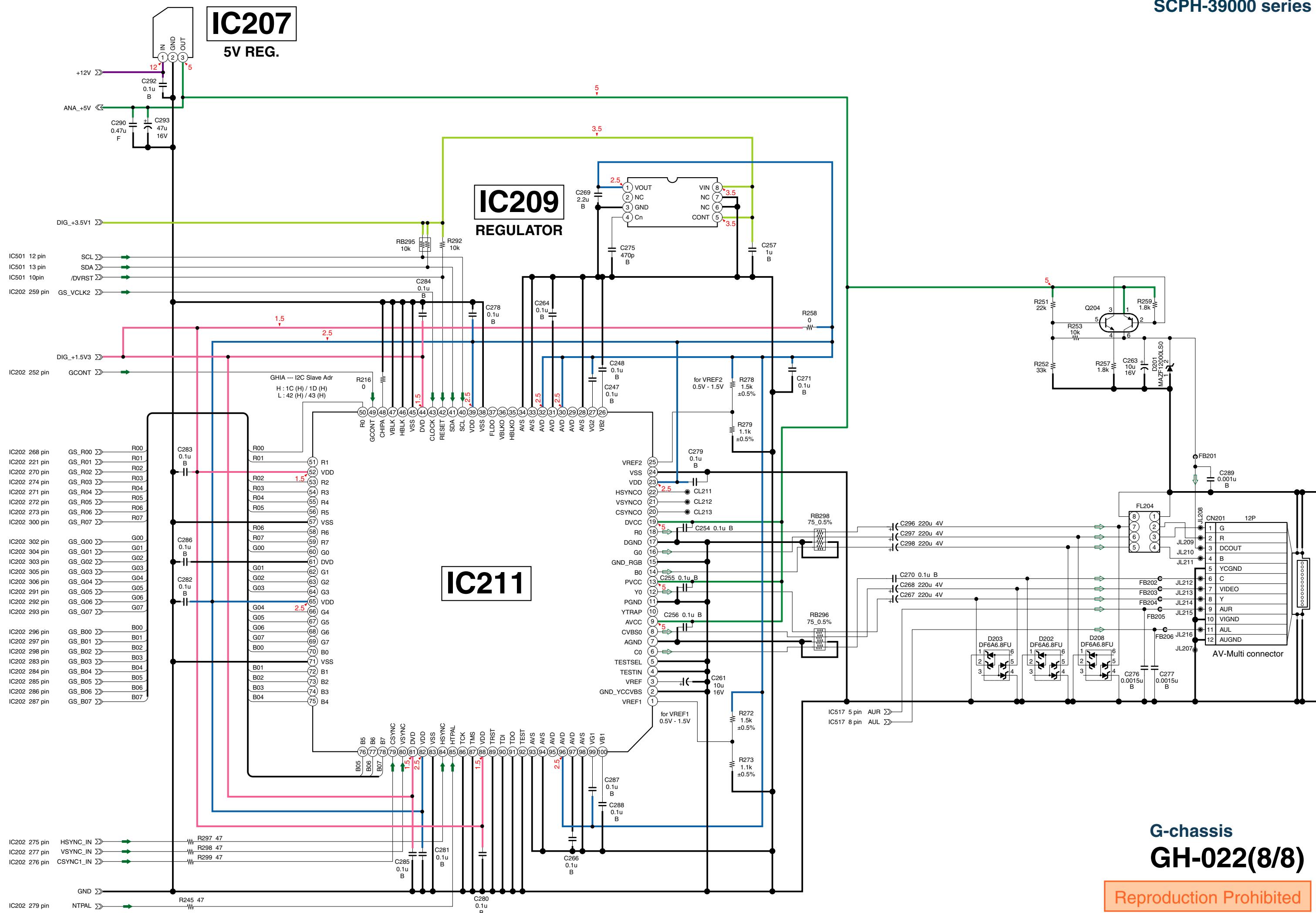


**G-chassis  
GH-022 (5/8)**

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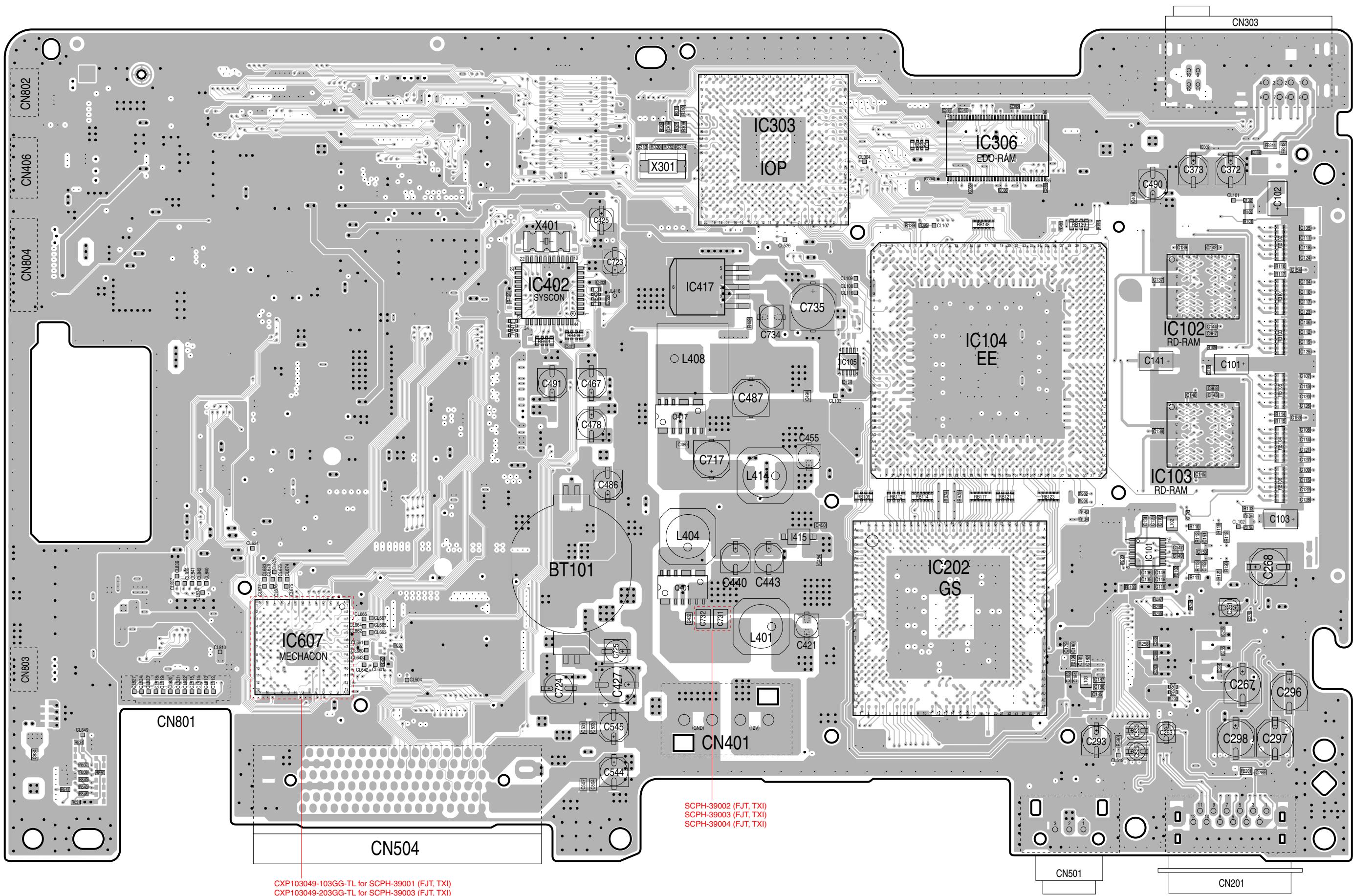




# G-chassis

# GH-022(8/8)

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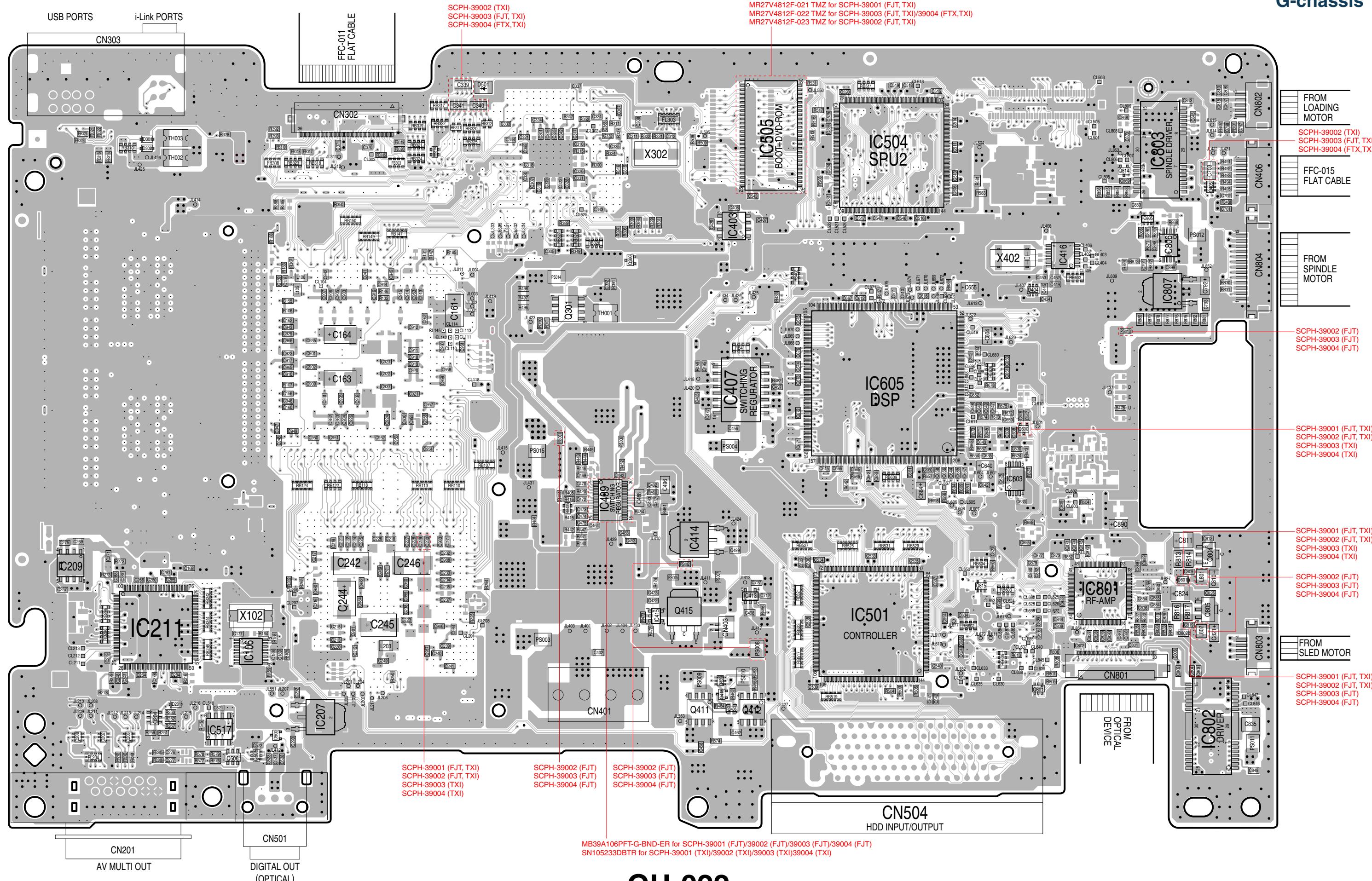


**GH-022**

A side

— GH022-20 —

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**GH-022**

B side

## ELECTRICAL PARTS LIST

**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 : , for example :  
uA ... :  $\mu$ A ... uPA ... :  $\mu$ PA ...  
uPB ... :  $\mu$ PB ... uPC ... :  $\mu$ PC ... uPD ... :  $\mu$ PD ...
- CAPACITORS
- COILS
- RESISTORS

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
BT101	1-756-076-21	HOLDER, LITHIUM BATTERY
		<CAPACITOR>
C101	1-111-253-91	CAP, CHIP TANTALUM ELECT 100MF
C102	1-111-253-91	CAP, CHIP TANTALUM ELECT 100MF
C103	1-111-253-91	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
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 10000PF B (1608)
C132	1-125-777-81	CAP, CHIP CERAMIC 0.1MF B (1005)
C134	1-125-777-81	CAP, CHIP CERAMIC 0.1MF B (1005)
C135	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C136	1-162-964-91	CAP, CHIP CERAMIC 1000PF B (1608)
C137	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C138	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C139	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C140	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C141	1-111-253-91	CAP, CHIP TANTALUM ELECT 100MF
C142	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C143	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C144	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C145	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C146	1-162-964-91	CAP, CHIP CERAMIC 1000PF B (1608)
C147	1-162-964-91	CAP, CHIP CERAMIC 1000PF B (1608)
C148	1-107-826-91	CAP, CHIP CERAMIC 100000PF B

Ref.	Part No.	Description
C149	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C150	1-162-970-91	CAP, CERAMIC 10000PF B (1608)
C151	1-164-160-91	CAP, CERAMIC 20PF CH (1608)
C152	1-164-160-91	CAP, CERAMIC 20PF CH (1608)
C153	1-162-970-91	CAP, CERAMIC 100000PF B (1608)
C154	1-162-970-91	CAP, CERAMIC 100000PF B (1608)
C155	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C156	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C157	1-125-777-81	CAP, CHIP CERAMIC 0.1MF B (1005)
C158	1-162-970-91	CAP, CERAMIC 100000PF B (1608)
C159	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C160	1-162-925-91	CAP, CERAMIC 68PF CH (1608)
C161	1-111-253-91	CAP, CHIP TANTALUM ELECT 100MF
C162	1-162-925-91	CAP, CERAMIC 68PF CH (1608)
C163	1-111-253-91	CAP, CHIP TANTALUM ELECT 100MF
C164	1-111-253-91	CAP, CHIP TANTALUM ELECT 100MF
C168	1-162-964-91	CAP, CHIP CERAMIC 1000PF B (1608)
C170	1-125-837-91	CAP, CHIP CERAMIC 1MF B (1608)
C175	1-125-777-81	CAP, CHIP CERAMIC 0.1MF B (1005)
C176	1-125-777-81	CAP, CHIP CERAMIC 0.1MF B (1005)
C177	1-216-861-91	RES, CHIP 2.2M (1608)
C179	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C180	1-162-964-91	CAP, CHIP CERAMIC 1000PF B (1608)
C181	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C182	1-162-964-91	CAP, CHIP CERAMIC 1000PF B (1608)
C183	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C184	1-162-964-91	CAP, CHIP CERAMIC 1000PF B (1608)
C185	1-125-837-91	CAP, CHIP CERAMIC 1MF B (1608)
C186	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C187	1-162-970-91	CAP, CERAMIC 100000PF B (1608)
C188	1-162-964-91	CAP, CHIP CERAMIC 1000PF B (1608)
C189	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C212	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C213	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C220	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C221	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C222	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C223	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C224	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C225	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C226	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C227	1-125-837-91	CAP, CHIP CERAMIC 1MF B (1608)
C228	1-125-837-91	CAP, CHIP CERAMIC 1MF B (1608)
C229	1-125-837-91	CAP, CHIP CERAMIC 1MF B (1608)
C230	1-125-837-91	CAP, CHIP CERAMIC 1MF B (1608)
C231	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C232	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C233	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C234	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C235	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C237	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C238	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C239	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C240	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C241	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C242	1-135-609-91	CAP, CHIP TANTALUM ELECT 220MF
C244	1-128-707-22	CAP, TANTALUM ELECT (SMD) 220
C245	1-128-707-22	CAP, TANTALUM ELECT (SMD) 220
C246	1-135-609-91	CAP, CHIP TANTALUM ELECT 220MF
C247	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C248	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C249	1-115-156-91	CAP, CERAMIC 1000000PF F (1608)
C254	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C255	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C256	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C257	1-125-837-91	CAP, CHIP CERAMIC 1MF B (1608)
C261	1-128-004-21	CAP, ELECT (CHIP) 10MF
C263	1-128-004-21	CAP, ELECT (CHIP) 10MF
C264	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C266	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C267	1-126-210-21	CAP, ELECT 220MF
C268	1-126-210-21	CAP, ELECT 220MF
C269	1-125-838-91	CAP, CHIP CERAMIC 2.2MF B (2012)
C270	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C271	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C275	1-162-962-91	CAP, CERAMIC 470PF B (1608)
C276	1-162-965-91	CAP, CERAMIC 1500PF B (1608)
C277	1-162-965-91	CAP, CERAMIC 1500PF B (1608)
C278	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C279	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C280	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C281	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C282	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C283	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C284	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C285	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C286	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C287	1-107-826-91	CAP, CHIP CERAMIC 100000PF B

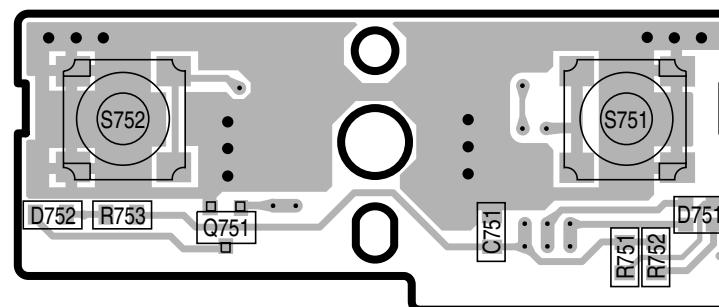
Ref.	Part No.	Description	Ref.	Part No.	Description	Ref.	Part No.	Description	Ref.	Part No.	Description
C455	1-124-779-21	CAP, ELECT 10MF	C543	1-113-619-91	CAP, CERAMIC 470000PF F (1608)	C712	1-162-970-91	CAP, CERAMIC 10000PF B (1608)	C879	1-162-966-91	CAP, CERAMIC 2200PF B (1608)
C456	1-127-760-91	CAP, CERAMIC 4.7MF (2012)	C544	1-137-765-21	CAP, ELECT 47MF (5X5.4)	C717	1-100-387-21	CAP, ELECT 39MF (6.3X5.9)	C883	1-163-038-91	CAP, CERAMIC 100000PF F (2012)
C458	1-162-964-91	CAP, CHIP CERAMIC 1000PF B (1608)	C545	1-137-765-21	CAP, ELECT 47MF (5X5.4)	C722	1-164-937-81	CAP, CHIP CERAMIC 1000PF B (1005)	C884	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C462	1-163-009-91	CAP, CHIP CERAMIC 1000PF B (2012)	C546	1-113-619-91	CAP, CERAMIC 470000PF F (1608)	C723	1-124-779-21	CAP, ELECT 10MF	C885	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C465	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C547	1-113-619-91	CAP, CERAMIC 470000PF F (1608)	C724	1-137-765-21	CAP, ELECT 47MF (5X5.4)	C886	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C467	1-126-209-21	CAP, ELECT 100MF	C602	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F (1608)	C725	1-124-779-21	CAP, ELECT 10MF	C887	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C469	1-164-227-91	CAP, CERAMIC 22000PF B (1608)	C604	1-135-259-91	CAP, CHIP TANTALUM ELECT 10MF	C727	1-162-964-91	CAP, CHIP CERAMIC 1000PF B (1608)	C888	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C470	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C606	1-162-964-91	CAP, CHIP CERAMIC 1000PF B (1608)	C731	1-100-055-21	CAP, CHIP CERAMIC 22MF B (3225) [SCPH-39002(FJT,TXI)/39003(FJT,TXI)/39004(FJT,TXI)]	C889	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C472	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C607	1-162-968-91	CAP, CHIP CERAMIC 4700PF B (1608)	C732	1-100-055-21	CAP, CHIP CERAMIC 22MF B (3225) [SCPH-39002(FJT,TXI)/39003(FJT,TXI)/39004(FJT,TXI)]	C890	1-104-851-91	CAP, CHIP TANTALUM ELECT 10MF
C473	1-162-970-91	CAP, CERAMIC 10000PF B (1608)	C609	1-164-739-91	CAP, CERAMIC 560PF CH (1608)	C734	1-124-779-21	CAP, ELECT 10MF	C891	1-164-677-91	CAP, CERAMIC 33000PF B (1608)
C474	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C610	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F (1608)	C735	1-128-391-21	CAP, ELECT 330MF 8X6	C892	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C475	1-164-227-91	CAP, CERAMIC 22000PF B (1608)	C611	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F (1608)	C791	1-164-245-91	CAP, CERAMIC 15000PF B (1608)	C903	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C477	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C612	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F (1608)	C792	1-104-851-91	CAP, CHIP TANTALUM ELECT 10MF	C905	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C478	1-126-209-21	CAP, ELECT 100MF	C615	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F (1608)	C793	1-164-505-91	CAP, CHIP CERAMIC 2.2MF F (2012)	C906	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C480	1-107-725-91	CAP, CERAMIC 100000PF B (2012)	C616	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F (1608)	C797	1-162-927-91	CAP, CERAMIC 100PF CH (1608)	C907	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C482	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C623	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F (1608)	C798	1-162-927-91	CAP, CERAMIC 100PF CH (1608)	C909	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C483	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C624	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C801	1-115-467-91	CAP, CHIP CERAMIC 0.22MF B (1608)	C910	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C486	1-137-765-21	CAP, ELECT 47MF (5X5.4)	C625	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F (1608)	C802	1-115-467-91	CAP, CHIP CERAMIC 0.22MF B (1608)	C911	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C487	1-100-421-21	CAP, ELECT 220MF (6.3X5.9)	C629	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F (1608)	C803	1-162-927-91	CAP, CERAMIC 100PF CH (1608)	C912	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C488	1-115-566-91	CAP, CERAMIC 4.7MF B	C630	1-164-173-91	CAP, CERAMIC 3900PF B (1608)	C804	1-162-927-91	CAP, CERAMIC 100PF CH (1608)	C913	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C490	1-126-209-21	CAP, ELECT 100MF	C633	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F (1608)	C805	1-162-927-91	CAP, CERAMIC 100PF CH (1608)	C914	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C491	1-126-209-21	CAP, ELECT 100MF	C634	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F (1608)	C806	1-162-927-91	CAP, CERAMIC 100PF CH (1608)	C915	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C492	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C635	1-162-968-91	CAP, CHIP CERAMIC 4700PF B (1608)	C807	1-162-927-91	CAP, CERAMIC 100PF CH (1608)	C916	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C493	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C638	1-162-970-91	CAP, CERAMIC 100000PF B (1608)	C809	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C917	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C494	1-107-725-91	CAP, CERAMIC 100000PF B (2012)	C639	1-164-217-91	CAP, CERAMIC 150PF CH (1608)	C810	1-104-851-91	CAP, CHIP TANTALUM ELECT 10MF	C918	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C495	1-125-837-91	CAP, CHIP CERAMIC 1MF B (1608)	C640	1-135-259-91	CAP, CHIP TANTALUM ELECT 10MF	C811	1-119-751-91	CAP, CHIP TANTALUM ELECT 22MF	C919	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C496	1-107-682-91	CAP, CERAMIC 100000PF B (3216)	C642	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F (1608)	C812	1-164-730-91	CAP, CERAMIC 1200PF B (1608)	C920	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C497	1-162-964-91	CAP, CHIP CERAMIC 1000PF B (1608)	C643	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C819	1-107-826-91	CAP, CHIP CERAMIC 100000PF B [SCPH-39001(TXI)/39002(FJT,TXI)/39003(FJT)/39004(FJT)]	C921	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C498	1-127-760-91	CAP, CERAMIC 4.7MF (2012)	C644	1-164-230-91	CAP, CERAMIC 220PF CH (1608)	C820	1-104-851-91	CAP, CHIP CERAMIC 100000PF B	C922	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C499	1-164-505-91	CAP, CHIP CERAMIC 2.2MF F (2012)	C645	1-165-176-91	CAP, CERAMIC 47000PF B (1608)	C821	1-104-851-91	CAP, CHIP TANTALUM ELECT 10MF	C923	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C501	1-164-346-91	CAP, CHIP CERAMIC 1MF F (2012)	C646	1-162-964-91	CAP, CHIP CERAMIC 1000PF B (1608)	C824	1-119-751-91	CAP, CHIP TANTALUM ELECT 22MF	C924	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C502	1-113-619-91	CAP, CERAMIC 470000PF F (1608)	C647	1-117-863-91	CAP, CHIP CERAMIC 0.47MF B (1608)	C825	1-164-730-91	CAP, CERAMIC 1200PF B (1608)	C926	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C503	1-163-009-91	CAP, CHIP CERAMIC 1000PF B (2012)	C648	1-164-156-91	CAP, CHIP CERAMIC 0.1MF F (1608)	C826	1-164-677-91	CAP, CERAMIC 33000PF B (1608)	C927	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C504	1-164-346-91	CAP, CHIP CERAMIC 1MF F (2012)	C649	1-162-970-91	CAP, CERAMIC 10000PF B (1608)	C827	1-162-966-91	CAP, CERAMIC 2200PF B (1608)	C928	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C506	1-113-619-91	CAP, CERAMIC 470000PF F (1608)	C650	1-164-230-91	CAP, CERAMIC 220PF CH (1608)	C828	1-162-966-91	CAP, CERAMIC 2200PF B (1608)	C929	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C507	1-163-009-91	CAP, CHIP CERAMIC 1000PF B (2012)	C651	1-162-966-91	CAP, CERAMIC 2200PF B (1608)	C829	1-162-966-91	CAP, CERAMIC 2200PF B (1608)	C930	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C511	1-113-619-91	CAP, CERAMIC 470000PF F (1608)	C652	1-107-826-91	CAP, CHIP CERAMIC 100000PF B	C830	1-162-966-91	CAP, CERAMIC 2200PF B (1608)	C931	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C513	1-113-619-91	CAP, CERAMIC 470000PF F (1608)	C653	1-162-966-91	CAP, CERAMIC 2200PF B (1608)	C834	1-163-038-91	CAP, CERAMIC 100000PF F (2012)	C932	1-107-826-91	CAP, CHIP CERAMIC 100000PF B
C514	1-113-619-										

Ref.	Part No.	Description	Ref.	Part No.	Description	Ref.	Part No.	Description	Ref.	Part No.	Description		
C961	1-107-826-91	CAP, CHIP CERAMIC 10000PF B	FB315	1-469-324-21	FERRITE, EMI (SMD)			<INDUCTOR>	R107	1-216-809-91	RES, CHIP 100		
C962	1-107-826-91	CAP, CHIP CERAMIC 10000PF B	FB316	1-469-324-21	FERRITE, EMI (SMD)	L102	1-469-967-21	INDUCTOR, CHIP 10UH	(2518)	R109	1-218-961-81	RES, CHIP 4.7K	
C963	1-107-826-91	CAP, CHIP CERAMIC 10000PF B	FB317	1-469-110-21	FERRITE, EMI (SMD)	L103	1-469-967-21	INDUCTOR, CHIP 10UH	(2518)	R110	1-211-983-91	RES, CHIP 39	
C965	1-107-826-91	CAP, CHIP CERAMIC 10000PF B	FB318	1-469-110-21	FERRITE, EMI (SMD)	L105	1-414-771-91	INDUCTOR 10.0UH		R111	1-211-983-91	RES, CHIP 39	
C966	1-107-826-91	CAP, CHIP CERAMIC 10000PF B	FB319	1-469-110-21	FERRITE, EMI (SMD)	L106	1-414-771-91	INDUCTOR 10.0UH		R112	1-211-989-91	RES, CHIP 68	
C967	1-125-837-91	CAP, CHIP CERAMIC 1MF B	(1608)	FB320	1-469-110-21	FERRITE, EMI (SMD)	L203	1-469-967-21	INDUCTOR, CHIP 10UH	(2518)	R113	1-211-989-91	RES, CHIP 68
C968	1-125-837-91	CAP, CHIP CERAMIC 1MF B	(1608)	FB321	1-469-110-21	FERRITE, EMI (SMD)	L401	1-424-918-21	COIL, CHOKE (SMD) 10UH		R114	1-211-983-91	RES, CHIP 39
C980	1-107-826-91	CAP, CHIP CERAMIC 10000PF B	FB322	1-469-110-21	FERRITE, EMI (SMD)	L404	1-456-052-11	COIL, CHOKE (SMD) 2.2UH		R115	1-211-983-91	RES, CHIP 39	
C981	1-107-826-91	CAP, CHIP CERAMIC 10000PF B	FB323	1-469-110-21	FERRITE, EMI (SMD)	L408	1-456-047-11	COIL, CHOKE (SMD) 5.6UH		R116	1-211-983-91	RES, CHIP 39	
C982	1-107-826-91	CAP, CHIP CERAMIC 10000PF B	FB324	1-469-110-21	FERRITE, EMI (SMD)	L414	1-456-043-11	COIL, CHOKE (SMD) 12UH		R117	1-211-983-91	RES, CHIP 39	
C983	1-107-826-91	CAP, CHIP CERAMIC 10000PF B	FB408	1-469-667-21	FERRITE, EMI (SMD)	L415	1-411-749-21	FILTER, NOISE (ZBFS5105-PT) [SCPH-39001(TXI)]		R118	1-211-973-91	RES, CHIP 15	
C984	1-107-826-91	CAP, CHIP CERAMIC 10000PF B	FB801	1-469-562-21	FERRITE, EMI (SMD)	L801	1-400-073-21	INDUCTOR, CHIP 4.7UH (2518) [SCPH-39002(FJT)/39003(FJT)/39004(FJT)]		R119	1-211-973-91	RES, CHIP 15	
C985	1-107-826-91	CAP, CHIP CERAMIC 10000PF B	FB802	1-469-562-21	FERRITE, EMI (SMD)	L802	1-400-073-21	INDUCTOR, CHIP 4.7UH (2518) [SCPH-39002(FJT)/39003(FJT)/39004(FJT)]		R120	1-211-973-91	RES, CHIP 15	
C986	1-107-826-91	CAP, CHIP CERAMIC 10000PF B	FL204	1-234-738-21	FILTER, EMI (ARRAY)	(3216)				R121	1-211-973-91	RES, CHIP 15	
C987	1-107-826-91	CAP, CHIP CERAMIC 10000PF B	FL303	1-234-725-21	NETWORK, RC (USB)	(4022)				R131	1-216-833-91	RES, CHIP 10K	
C988	1-107-826-91	CAP, CHIP CERAMIC 10000PF B							R132	1-216-833-91	RES, CHIP 10K		
C989	1-107-826-91	CAP, CHIP CERAMIC 10000PF B							R133	1-216-833-91	RES, CHIP 10K		
C990	1-107-826-91	CAP, CHIP CERAMIC 10000PF B							R134	1-218-965-81	RES, CHIP 10K		
									R139	1-216-801-91	RES, CHIP 22		
									R145	1-218-953-81	RES, CHIP 1.0K		
									R146	1-216-821-91	RES, CHIP 1.0K		
									R147	1-216-821-91	RES, CHIP 1.0K		
									R158	1-216-803-91	RES, CHIP 33		
									R159	1-216-803-91	RES, CHIP 33		
									R164	1-216-864-91	CONDUCTOR, CHIP		
									R185	1-216-829-91	RES, CHIP 4.7K		
									R188	1-216-829-91	RES, CHIP 4.7K		
									R196	1-218-933-81	RES, CHIP 22		
									R201	1-216-829-91	RES, CHIP 4.7K		
									R202	1-216-833-91	RES, CHIP 10K		
									R216	1-216-864-91	CONDUCTOR, CHIP		
									R220	1-218-933-81	RES, CHIP 22		
									R225	1-216-833-91	RES, CHIP 10K		
									R245	1-216-805-91	RES, CHIP 47		
									R250	1-216-803-91	RES, CHIP 33		
									R251	1-216-837-91	RES, CHIP 22K		
									R252	1-216-839-91	RES, CHIP 33K		
									R253	1-216-833-91	RES, CHIP 10K		
									R257	1-216-824-91	RES, CHIP 1.8K		
									R258	1-216-295-91	CONDUCTOR, CHIP		
									R259	1-216-824-91	RES, CHIP 1.8K		
									R264	1-216-821-91	RES, CHIP 1.0K		
									R265	1-216-821-91	RES, CHIP 1.0K		
									R272	1-218-851-91	RES, CHIP 1.5K		
									R273	1-218-848-91	RES, CHIP 1.1K		
									R278	1-218-851-91	RES, CHIP 1.5K		
									R279	1-218-848-91	RES, CHIP 1.1K		
									R292	1-216-833-91	RES, CHIP 10K		
									R297	1-216-805-91	RES, CHIP 47		
									R298	1-216-805-91	RES, CHIP 47		
									R299	1-216-805-91	RES, CHIP 47		
									R300	1-216-864-91	CONDUCTOR, CHIP		
									R301	1-216-845-91	RES, CHIP 100K		
									R307	1-208-857-81	RES, CHIP 56		
									R308	1-208-904-81	RES, CHIP 5.1K		
									R309	1-211-987-91	RES, CHIP 56		
									R310	1-211-987-91	RES, CHIP 56		
									R311	1-216-829-91	RES, CHIP 4.7K		
									R312	1-208-857-81	RES, CHIP 56		
									R315	1-218-866-91	RES, CHIP 6.2K		
									R316	1-216-797-91	RES, CHIP 10		
									R320	1-219-570-91	RES, CHIP 10M		
									R321	1-216-813-91	RES, CHIP 220		
									R322	1-216-857-91	RES, CHIP 1.0M		
									R324	1-216-833-91	RES, CHIP 10K		
									R327	1-216-821-91	RES, CHIP 1.0K		

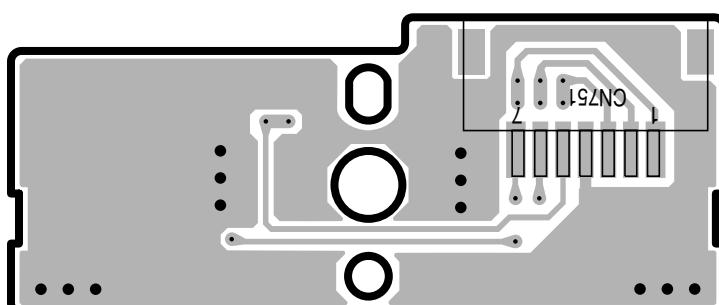
Ref.	Part No.	Description	Ref.	Part No.	Description	Ref.	Part No.	Description	Ref.	Part No.	Description				
R328	1-216-841-91	RES, CHIP 47K	(1608)	R446	1-218-865-91	RES, CHIP 5.6K [SCPH-39001(TXI)/39002(TXI)/39003(TXI)/ 39004(TXI)]	(1608)	R506	1-216-809-91	RES, CHIP 100	(1608)	R837	1-208-922-81	RES, CHIP 30K	(1005)
R329	1-216-805-91	RES, CHIP 47	(1608)	R446	1-218-874-91	RES, CHIP 13K [SCPH-39002(FJT)/39003(FJT)/39004(FJT)]	(1608)	R508	1-216-801-91	RES, CHIP 22	(1608)	R838	1-208-922-81	RES, CHIP 30K	(1005)
R331	1-216-805-91	RES, CHIP 47	(1608)	R447	1-218-857-91	RES, CHIP 2.7K [SCPH-39002(FJT)/39003(FJT)/39004(FJT)]	(1608)	R509	1-216-821-91	RES, CHIP 1.0K	(1608)	R840	1-208-916-81	RES, CHIP 16K	(1005)
R332	1-216-864-91	CONDUCTOR, CHIP	(1608)	R447	1-218-879-91	RES, CHIP 22K [SCPH-39001(TXI)/39002(TXI)/39003(TXI)/ 39004(TXI)]	(1608)	R513	1-216-805-91	RES, CHIP 47	(1608)	R843	1-208-922-81	RES, CHIP 30K	(1005)
R347	1-211-986-91	RES, CHIP 51	(1608)	R452	1-216-790-91	RES, CHIP 2.7 [SCPH-39001(TXI)/39002(TXI)/39003(TXI)/ 39004(TXI)]	(1608)	R516	1-216-809-91	RES, CHIP 100	(1608)	R846	1-208-922-81	RES, CHIP 30K	(1005)
R349	1-216-821-91	RES, CHIP 1.0K	(1608)	R452	1-216-864-91	CONDUCTOR, CHIP [SCPH-39002(FJT)/39003(FJT)/39004(FJT)]	(1608)	R517	1-216-809-91	RES, CHIP 100	(1608)	R847	1-218-977-81	RES, CHIP 100K	(1005)
R350	1-216-805-91	RES, CHIP 47	(1608)	R453	1-216-790-91	RES, CHIP 2.7 [SCPH-39001(TXI)/39002(TXI)/39003(TXI)/ 39004(TXI)]	(1608)	R522	1-216-895-81	RES, CHIP 10K	(1608)	R850	1-208-911-81	RES, CHIP 10K	(1005)
R352	1-216-797-91	RES, CHIP 10	(1608)	R453	1-216-864-91	CONDUCTOR, CHIP [SCPH-39002(FJT)/39003(FJT)/39004(FJT)]	(1608)	R531	1-216-809-91	RES, CHIP 100	(1608)	R851	1-208-916-81	RES, CHIP 16K	(1005)
R365	1-216-805-91	RES, CHIP 47	(1608)	R454	1-216-864-91	CONDUCTOR, CHIP [SCPH-39001(TXI)/39002(TXI)/39003(TXI)/ 39004(TXI)]	(1608)	R574	1-216-812-91	RES, CHIP 180	(1608)	R852	1-218-873-91	RES, CHIP 12K	(1608)
R366	1-218-937-81	RES, CHIP 47	(1608)	R454	1-216-864-91	CONDUCTOR, CHIP [SCPH-39001(TXI)/39002(TXI)/39003(TXI)/ 39004(TXI)]	(1608)	R575	1-216-850-91	RES, CHIP 270K	(1608)	R853	1-216-298-91	RES, CHIP 2.2	(2012)
R367	1-216-805-91	RES, CHIP 47	(1608)	R455	1-216-864-91	CONDUCTOR, CHIP [SCPH-39002(FJT)/39003(FJT)/39004(FJT)]	(1608)	R576	1-216-833-91	RES, CHIP 10K	(1608)	R854	1-216-298-91	RES, CHIP 2.2	(2012)
R368	1-216-805-91	RES, CHIP 47	(1608)	R455	1-216-864-91	CONDUCTOR, CHIP [SCPH-39002(FJT)/39003(FJT)/39004(FJT)]	(1608)	R577	1-216-818-91	RES, CHIP 560	(1608)	R855	1-216-298-91	RES, CHIP 2.2	(2012)
R389	1-216-813-91	RES, CHIP 220	(1608)	R456	1-216-864-91	CONDUCTOR, CHIP [SCPH-39001(TXI)/39002(TXI)/39003(TXI)/ 39004(TXI)]	(1608)	R578	1-216-818-91	RES, CHIP 560	(1608)	R856	1-216-298-91	RES, CHIP 2.2	(2012)
R390	1-216-857-91	RES, CHIP 1.0M	(1608)	R456	1-216-864-91	CONDUCTOR, CHIP [SCPH-39001(TXI)/39002(TXI)/39003(TXI)/ 39004(TXI)]	(1608)	R579	1-216-833-91	RES, CHIP 10K	(1608)	R866	1-216-845-91	RES, CHIP 100K	(1608)
R391	1-216-833-91	RES, CHIP 10K	(1608)	R457	1-216-857-91	RES, CHIP 2.7K [SCPH-39002(FJT)/39003(FJT)/39004(FJT)]	(1608)	R580	1-216-850-91	RES, CHIP 270K	(1608)	R868	1-216-849-91	RES, CHIP 220K	(1608)
R392	1-216-801-91	RES, CHIP 22	(1608)	R457	1-216-857-91	RES, CHIP 2.7K [SCPH-39002(FJT)/39003(FJT)/39004(FJT)]	(1608)	R581	1-216-295-91	CONDUCTOR, CHIP	(2012)	R870	1-216-849-91	RES, CHIP 220K	(1608)
R393	1-216-801-91	RES, CHIP 22	(1608)	R458	1-216-864-91	CONDUCTOR, CHIP [SCPH-39002(FJT)/39003(FJT)/39004(FJT)]	(1608)	R583	1-216-295-91	CONDUCTOR, CHIP	(2012)	R871	1-218-896-91	RES, CHIP 110K	(1608)
R394	1-216-801-91	RES, CHIP 22	(1608)	R458	1-216-864-91	CONDUCTOR, CHIP [SCPH-39002(FJT)/39003(FJT)/39004(FJT)]	(1608)	R604	1-216-845-91	RES, CHIP 100K	(1608)	R872	1-216-844-91	RES, CHIP 82K	(1608)
R395	1-218-957-81	RES, CHIP 2.2K	(1608)	R459	1-216-833-91	RES, CHIP 10K [SCPH-39001(TXI)/39002(TXI)/39003(TXI)/ 39004(TXI)]	(1608)	R613	1-216-833-91	RES, CHIP 10K	(1608)	R873	1-216-839-91	RES, CHIP 33K	(1608)
R396	1-216-801-91	RES, CHIP 22	(1608)	R459	1-216-833-91	RES, CHIP 10K [SCPH-39001(TXI)/39002(TXI)/39003(TXI)/ 39004(TXI)]	(1608)	R614	1-216-833-91	RES, CHIP 10K	(1608)	R874	1-216-828-91	RES, CHIP 3.9K	(1608)
R397	1-216-801-91	RES, CHIP 22	(1608)	R460	1-218-867-91	RES, CHIP 6.8K [SCPH-39002(FJT)/39003(FJT)/39004(FJT)]	(1608)	R623	1-216-837-91	RES, CHIP 22K	(1608)	R875	1-216-023-91	RES, CHIP 82	(2012)
R399	1-216-801-91	RES, CHIP 22	(1608)	R460	1-218-887-91	RES, CHIP 47K [SCPH-39001(TXI)/39002(TXI)/39003(TXI)/ 39004(TXI)]	(1608)	R624	1-216-850-91	RES, CHIP 270K	(1608)	R876	1-216-023-91	RES, CHIP 82	(2012)
R404	1-216-845-91	RES, CHIP 100K	(1608)	R461	1-216-309-91	RES, CHIP 5.6	(2012)	R627	1-216-837-91	RES, CHIP 22K	(1608)	R877	1-216-023-91	RES, CHIP 82	(2012)
R405	1-216-845-91	RES, CHIP 100K	(1608)	R461	1-216-309-91	RES, CHIP 5.6	(2012)	R642	1-216-833-91	RES, CHIP 10K	(1608)	R878	1-216-023-91	RES, CHIP 82	(2012)
R415	1-216-839-91	RES, CHIP 33K	(1608)	R462	1-216-857-91	RES, CHIP 1.0M	(1608)	R644	1-216-833-91	RES, CHIP 10K	(1608)	R879	1-216-023-91	RES, CHIP 82	(2012)
R416	1-216-839-91	RES, CHIP 33K	(1608)	R462	1-216-857-91	RES, CHIP 1.0M	(1608)	R650	1-218-965-81	RES, CHIP 10K	(1608)	R880	1-216-023-91	RES, CHIP 82	(2012)
R420	1-164-379-91	CAP, CERAMIC 43PF CH	(1608)	R463	1-216-857-91	RES, CHIP 1.0M	(1608)	R651	1-216-837-91	RES, CHIP 22K	(1608)	R881	1-216-023-91	RES, CHIP 82	(2012)
R420	1-218-887-91	RES, CHIP 47K	(1608)	R464	1-216-857-91	RES, CHIP 1.0M	(1608)	R654	1-216-845-91	RES, CHIP 100K	(1608)	R882	1-216-023-91	RES, CHIP 82	(2012)
R433	1-216-821-91	RES, CHIP 1.0K	(1608)	R465	1-216-845-91	RES, CHIP 100K	(1608)	R657	1-216-839-91	RES, CHIP 33K	(1608)	R888	1-216-833-91	RES, CHIP 10K	(1608)
R440	1-218-831-91	RES, CHIP 220	(1608)	R466	1-216-821-91	RES, CHIP 1.0K	(1608)	R658	1-216-833-91	RES, CHIP 10K	(1608)	R901	1-218-937-81	RES, CHIP 47	
R440	1-218-855-91	RES, CHIP 2.2K	(1608)	R466	1-216-821-91	RES, CHIP 1.0K	(1608)	R660	1-216-833-91	RES, CHIP 10K	(1608)	R902	1-218-937-81	RES, CHIP 47	
R441	1-218-851-91	RES, CHIP 1.5K	(1608)	R468	1-216-833-91	RES, CHIP 10K	(1608)	R667	1-216-861-91	RES, CHIP 2.2M	(1608)	R974	1-216-801-91	RES, CHIP 22	(1608)
R441	1-218-882-91	RES, CHIP 30K	(1608)	R468	1-216-821-91	RES, CHIP 1.0K	(1608)	R668	1-216-853-91	RES, CHIP 470K	(1608)	R975	1-216-801-91	RES, CHIP 22	(1608)
R442	1-218-883-91	RES, CHIP 33K	(1608)	R469	1-216-871-91	RES, CHIP 10K	(1608)	R669	1-216-845-91	RES, CHIP 100K	(1608)				<RESISTOR BLOCK>
R443	1-218-858-91	RES, CHIP 3.0K	(1608)	R473	1-218-863-91	RES, CHIP 4.7K	(1608)	R670	1-216-833-91	RES, CHIP 10K	(1608)	RB101	1-234-496-21	ARRAY, RESISTOR 39	
R443	1-218-865-91														

<u>Ref.</u>	<u>Part No.</u>	<u>Description</u>
RB312	1-233-786-91	RES, NETWORK 220 (1608)
RB314	1-233-681-91	RES, NETWORK 4.7K (1608)
RB317	1-233-423-21	RES, CHIP NETWORK 47 (3216)
RB318	1-233-423-21	RES, CHIP NETWORK 47 (3216)
RB319	1-233-423-21	RES, CHIP NETWORK 47 (3216)
RB320	1-233-423-21	RES, CHIP NETWORK 47 (3216)
RB321	1-233-423-21	RES, CHIP NETWORK 47 (3216)
RB322	1-233-412-21	RES, CHIP NETWORK 1.0K (3216)
RB323	1-233-412-21	RES, CHIP NETWORK 1.0K (3216)
RB324	1-233-412-21	RES, CHIP NETWORK 1.0K (3216)
RB325	1-233-412-21	RES, CHIP NETWORK 1.0K (3216)
RB326	1-233-412-21	RES, CHIP NETWORK 1.0K (3216)
RB327	1-233-415-21	RES, CHIP NETWORK 10K (3216)
RB328	1-233-414-21	RES, CHIP NETWORK 4.7K (3216)
RB332	1-233-575-21	RES, CHIP NETWORK 22 (3216)
RB401	1-233-415-21	RES, CHIP NETWORK 10K (3216)
RB402	1-233-415-21	RES, CHIP NETWORK 10K (3216)
RB403	1-233-415-21	RES, CHIP NETWORK 10K (3216)
RB405	1-233-803-91	RES, NETWORK 1.5K (1608)
RB406	1-233-792-91	RES, NETWORK 100K (1608)
RB408	1-233-415-21	RES, CHIP NETWORK 10K (3216)
RB409	1-233-415-21	RES, CHIP NETWORK 10K (3216)
RB410	1-233-415-21	RES, CHIP NETWORK 10K (3216)
RB411	1-233-412-21	RES, CHIP NETWORK 1.0K (3216)
RB511	1-233-423-21	RES, CHIP NETWORK 47 (3216)
RB517	1-234-711-21	RES, CHIP NETWORK 22X8 (3816)
RB519	1-234-711-21	RES, CHIP NETWORK 22X8 (3816)
RB521	1-234-711-21	RES, CHIP NETWORK 22X8 (3816)
RB523	1-234-711-21	RES, CHIP NETWORK 22X8 (3816)
RB525	1-234-711-21	RES, CHIP NETWORK 22X8 (3816)
RB527	1-234-711-21	RES, CHIP NETWORK 22X8 (3816)
RB529	1-234-711-21	RES, CHIP NETWORK 22X8 (3816)
RB531	1-234-711-21	RES, CHIP NETWORK 22X8 (3816)
RB602	1-233-415-21	RES, CHIP NETWORK 10K (3216)
RB603	1-233-415-21	RES, CHIP NETWORK 10K (3216)
RB604	1-233-415-21	RES, CHIP NETWORK 10K (3216)
RB605	1-233-415-21	RES, CHIP NETWORK 10K (3216)
RB606	1-233-412-21	RES, CHIP NETWORK 1.0K (3216)
RB609	1-233-423-21	RES, CHIP NETWORK 47 (3216)
 <b>&lt;THERMISTOR&gt;</b>		
△ TH001	1-533-817-21	THERMISTOR [SCPH-39002(FJT,TXI)/39003(FJT,TXI)/ 39004(FJT,TXI)]
△ TH001	1-804-384-31	THERMISTOR, POSITIVE [SCPH-39001(TXI)]
△ TH002	1-533-817-21	THERMISTOR
△ TH003	1-533-817-21	THERMISTOR
 <b>&lt;CRYSTAL&gt;</b>		
X102	1-781-640-21	VIBRATOR, CRYSTAL
X301	1-781-856-21	VIBRATOR, CRYSTAL
X302	1-781-768-21	VIBRATOR, CRYSTAL
X401	1-760-496-22	VIBRATOR, LITHIUM NIOBATE
X402	1-760-928-41	VIBRATOR, CRYSTAL [SCPH-39002(FJT)]
X402	1-781-266-41	VIBRATOR, CRYSTAL [SCPH-39001(TXI)/39002(TXI)/ 39003(FJT,TXI)/39004(FJT,TXI)]

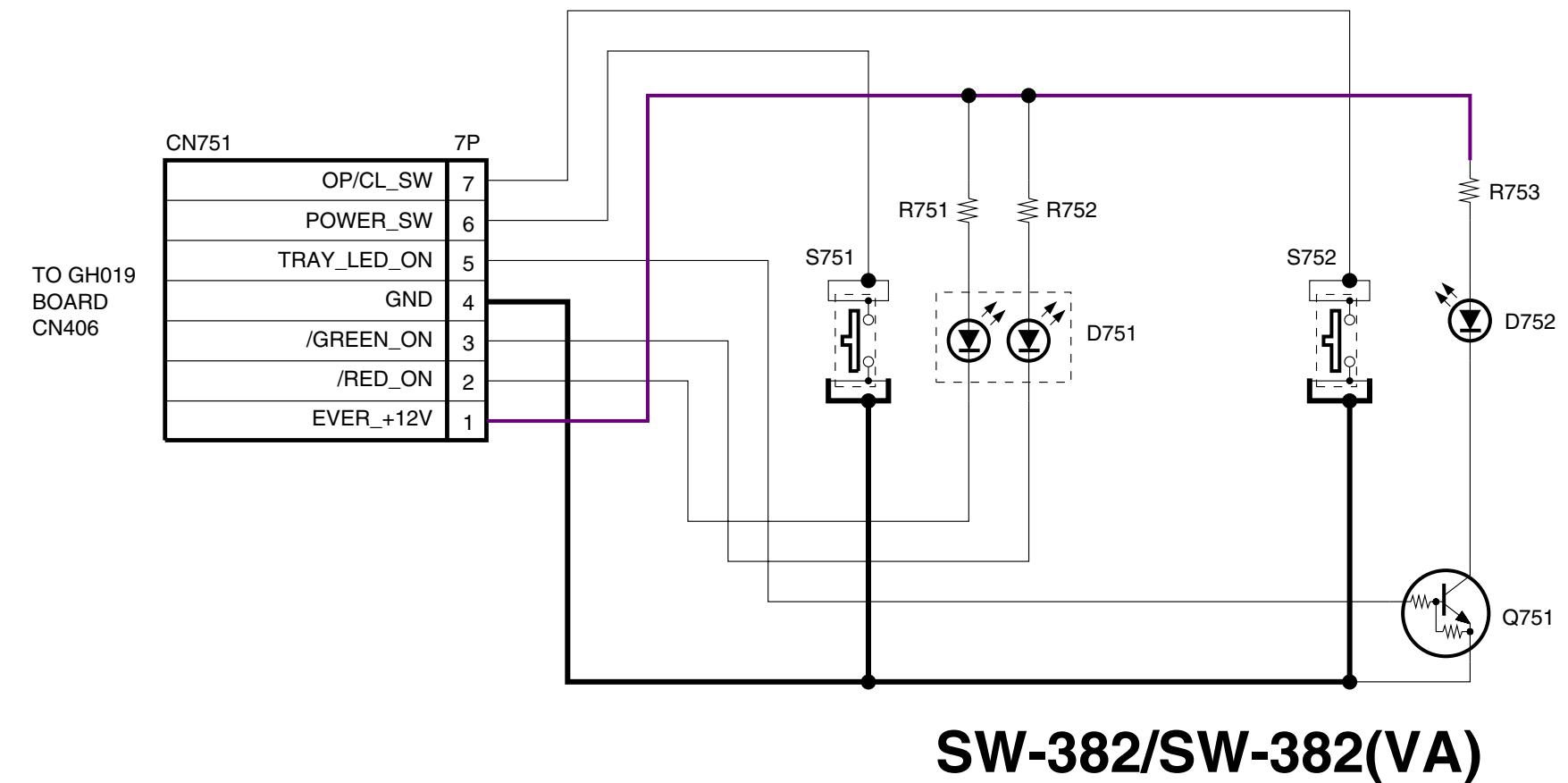
## SWITCH MOUNT



**SW-382/SW-382(VA)**  
A side



**SW-382/SW-382(VA)**  
B side

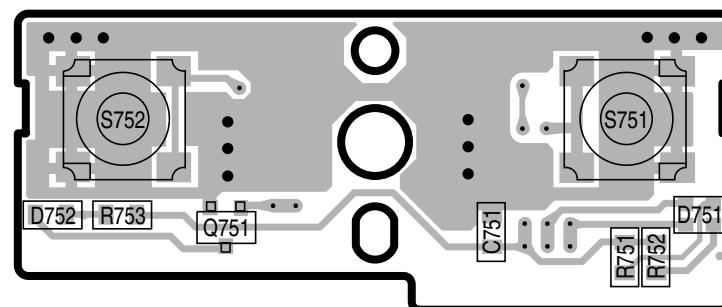


### SWITCH MOUNTED CIRCUIT BOARD

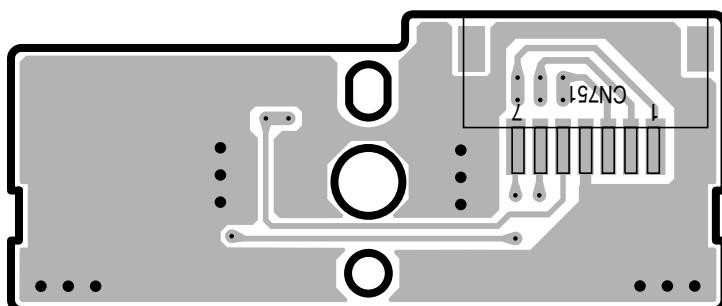
Ref-No.	Part No.	Description	Remark	Place code
PWB	1-685-774-11	PWB, SW-382		#25SW
PWB	1-685-774-21	PWB, SW-382		#25SW
CN751	1-785-470-21	CONNECTOR, FPC(LIF(NON-ZIF)) 7P		#25SW
D751	8-719-078-90	DIODE CL-165HR/G1-D-T	for SW-382	#25SW
D751	6-500-232-01	DIODE CL-165HR/G2-D-T	for SW-382(VA)	#25SW
D751	6-500-245-01	DIODE SECS2D68C	for SW-382(VA)	#25SW
D752	6-500-204-01	DIODE CL-190UB2-X-T		#25SW
D752	8-719-080-04	DIODE CL-190UB-X-T		#25SW
Q751	6-550-076-01	TRANSISTOR MUN5213T1		#25SW
Q751	8-729-013-97	TRANSISTOR RN1304-TE85L		#25SW
Q751	8-729-029-14	TRANSISTOR DTC144EUA-T106		#25SW
Q751	8-729-402-44	TRANSISTOR UN5213-TX		#25SW
R751	1-216-833-91	RES, CHIP 10K (1608)	for SW-382	#25SW
R751	1-216-832-91	RES, CHIP 8.2K (1608)	for SW-382(VA)	#25SW
R752	1-216-835-91	RES, CHIP 15K (1608)	for SW-382	#25SW
R752	1-216-831-91	RES, CHIP 6.8K (1608)	for SW-382(VA)	#25SW
R753	1-216-993-91	RES, CHIP 2.4K (1608)		#25SW
S751	1-771-917-21	SWITCH, TACTILE		#25SW
S752	1-771-917-21	SWITCH, TACTILE		#25SW

Reproduction Prohibited

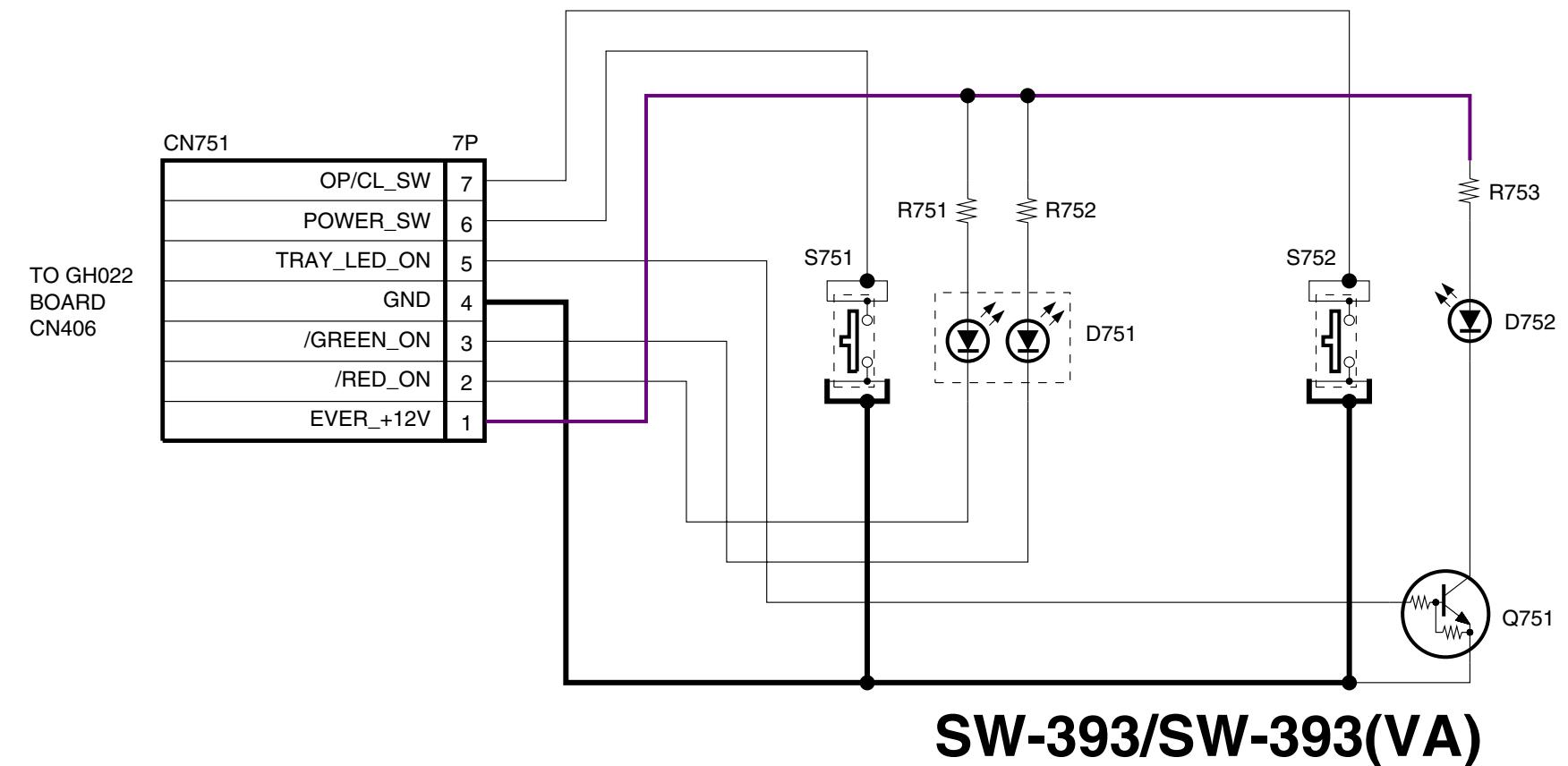
## SWITCH MOUNT



**SW-393/SW-393(VA)**  
A side



**SW-393/SW-393(VA)**  
B side



**SW-393/SW-393(VA)**

### SWITCH MOUNTED CIRCUIT BOARD

Ref-No.	Part No.	Description	Remark	Place code
PWB	1-686-787-11	PWB, SW-393		#25SW
	1-686-787-21	PWB, SW-393		#25SW
	1-686-787-31	PWB, SW-393		#25SW
	1-686-787-41	PWB, SW-393		#25SW
CN751	1-785-470-21	CONNECTOR, FPC(LIF(NON-ZIF)) 7P		#25SW
D751	8-719-078-90	DIODE CL-165HR/G1-D-T	for SW-383	#25SW
D751	6-500-232-01	DIODE CL-165HR/G2-D-T	for SW-383(VA)	#25SW
D751	6-500-245-01	DIODE SECS2D68C	for SW-383(VA)	#25SW
D752	8-719-080-04	DIODE CL-190UB-X-T	for SW-383	#25SW
D752	6-500-204-01	DIODE CL-190UB2-X-T	for SW-383(VA)	#25SW
Q751	6-550-076-01	TRANSISTOR MUN5213T1		#25SW
Q751	8-729-013-97	TRANSISTOR RN1304-TE85L	for SW-383	#25SW
Q751	8-729-402-44	TRANSISTOR UN5213-TX	for SW-383	#25SW
Q751	8-729-013-97	TRANSISTOR RN1304-TE85L	for SW-383(VA)	#25SW
Q751	8-729-029-14	TRANSISTOR DTC144EUA-T106	for SW-383(VA)	#25SW
Q751	8-729-402-44	TRANSISTOR UN5213-TX	for SW-383(VA)	#25SW
R751	1-216-832-91	RES, CHIP 8.2K (1608)	for SW-383(VA)	#25SW
R751	1-216-833-71	RES, CHIP 10K (1608)	for SW-383	#25SW
R751	1-216-833-81	RES, CHIP 10K (1608)	for SW-383	#25SW
R751	1-216-833-91	RES, CHIP 10K (1608)	for SW-383	#25SW
R752	1-216-831-91	RES, CHIP 6.8K (1608)	for SW-383(VA)	#25SW
R752	1-216-835-91	RES, CHIP 15K (1608)	for SW-383	#25SW
R753	1-216-993-91	RES, CHIP 2.4K (1608)		#25SW
S751	1-771-917-21	SWITCH, TACTILE		#25SW
S752	1-771-917-21	SWITCH, TACTILE		#25SW

Reproduction Prohibited