SONY

DATAPROJECTOR

VPL-CX76

REMOTE COMMANDER

RM-PJP1

RM-PJM17

SERVICE MANUAL

1st Edition

⚠警告

このマニュアルは，サービス専用です。
お客様が，このマニュアルに記載された設置や保守，点検，修理などを行うと感電や火災，人身事故につながることがあります。
危険をさけるため，サービストレーニングを受けた技術者のみご使用ください。

⚠ WARNING

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

⚠ WARNUNG

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

⚠ AVERTISSEMENT

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

警告

電池は，間違ったタイプと交換した場合，破裂の危険がある。
使用済み電池は，地域のルールに従って処分すること。

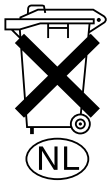
CAUTION

RISK OF EXPLOSION IF BATTERY IS REPLACED BY INCORRECT TYPE.
DISPOSE OF USED BATTERIES ACCORDING TO THE RULE IN REGION.

For the customers in the Netherlands
Voor de klanten in Nederland

Hoe u de batterijen moet verwijderen, leest u in de tekst van deze handleiding.

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



Für Kunden in Deutschland

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

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Board Layouts

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NF 6-29

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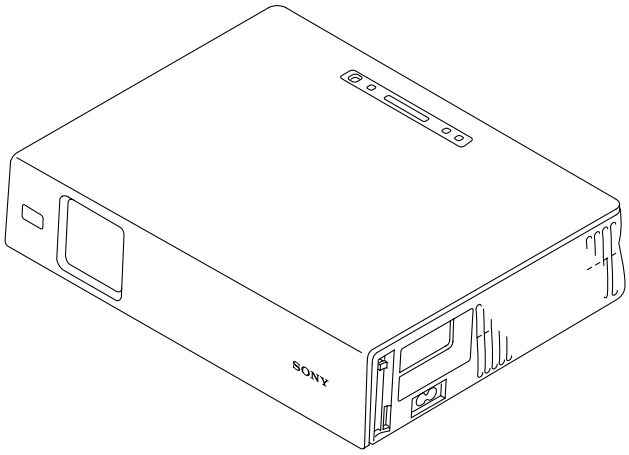
GA 6-37

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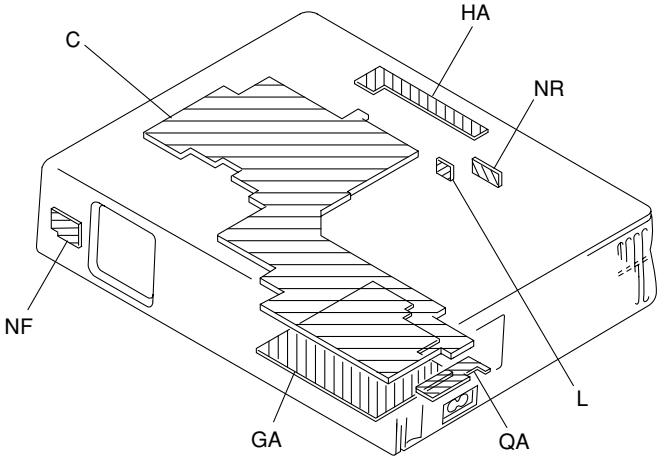
GC 6-41

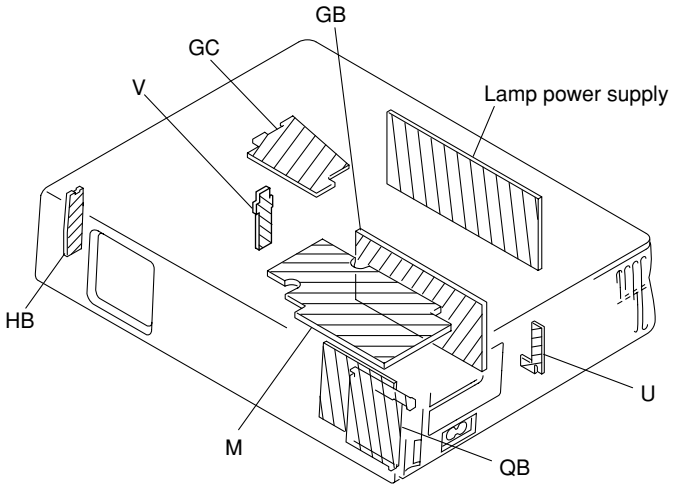
Section 1
Service Overview

1-1. Appearance Figure

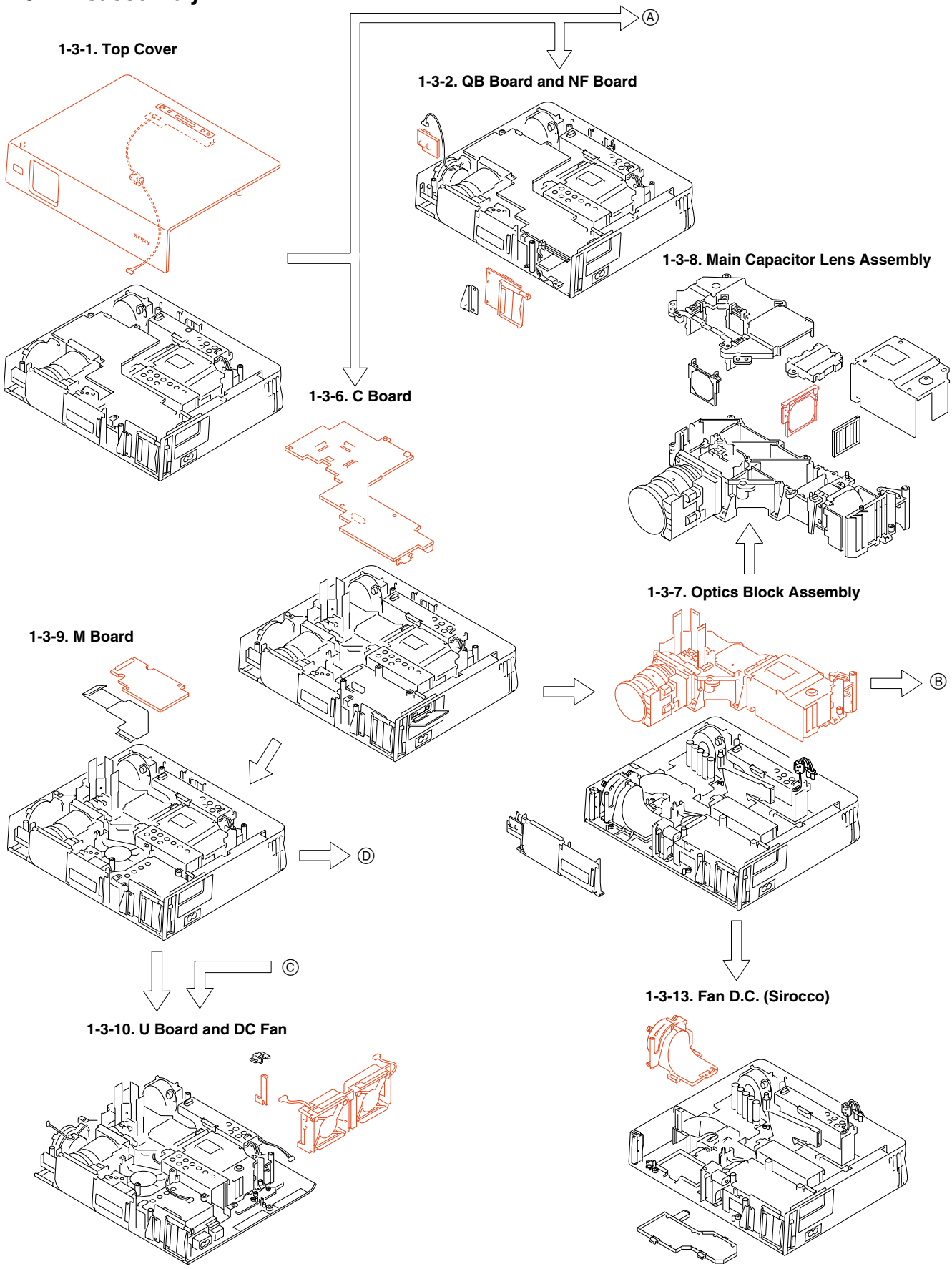


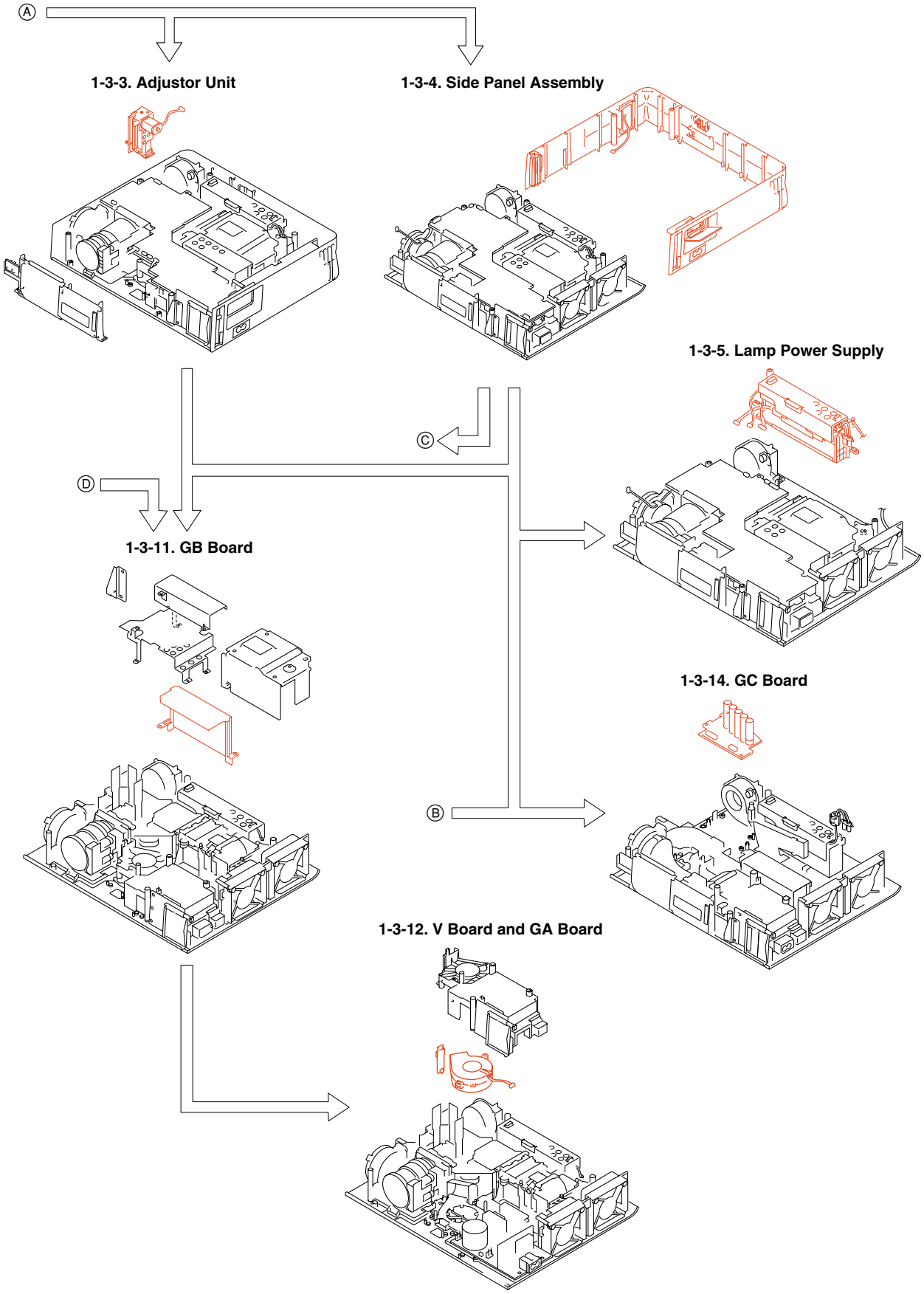
1-2. Board Locations



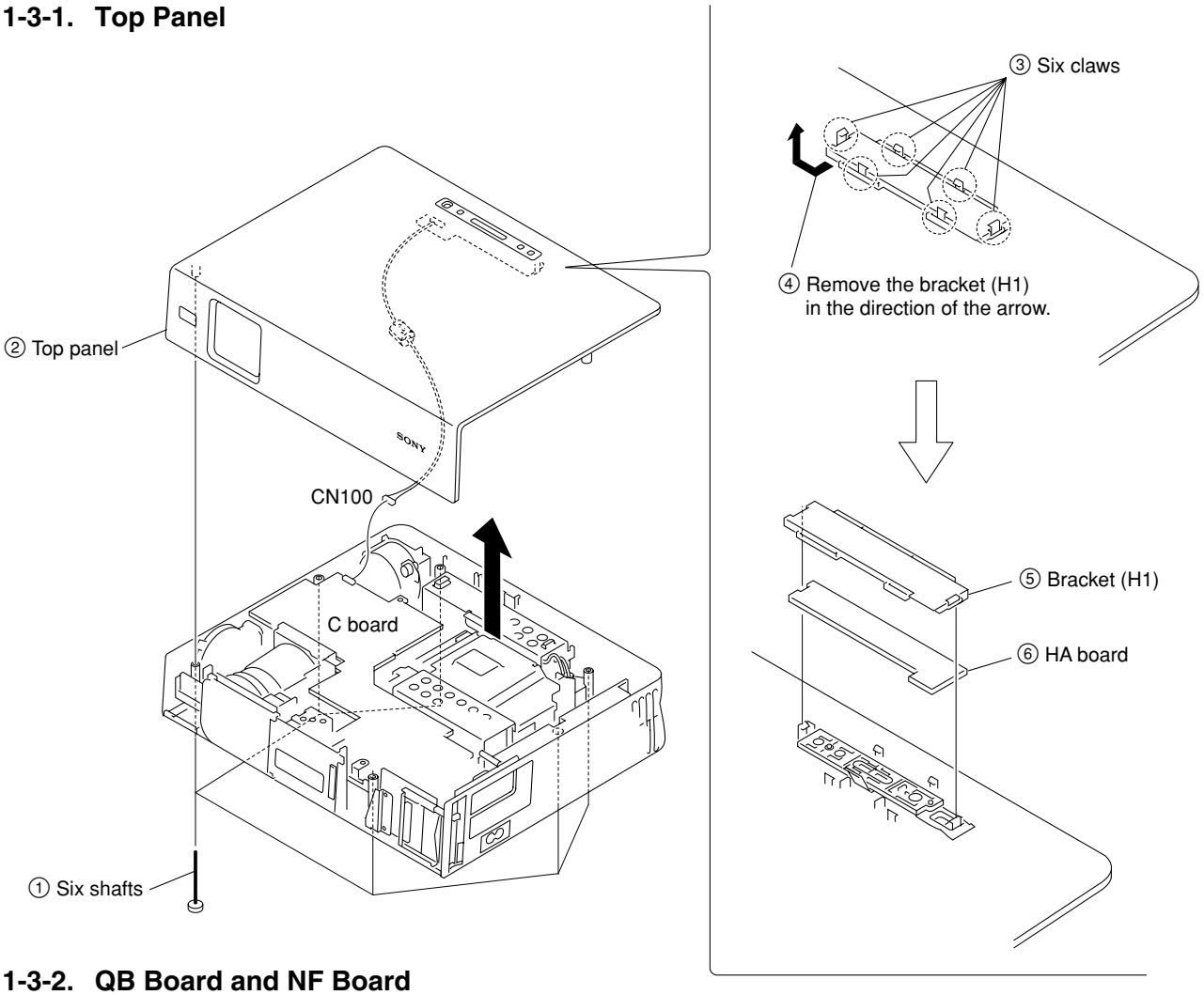


1-3. Disassembly

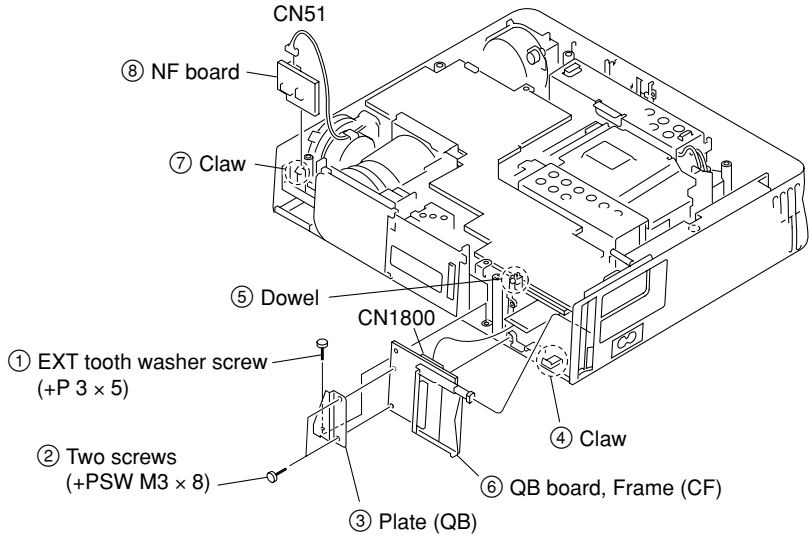



Ⓐ
1-3-3. Adjustor Unit
1-3-4. Side Panel Assembly
1-3-5. Lamp Power Supply
Ⓒ
Ⓓ
1-3-11. GB Board
1-3-14. GC Board
Ⓑ
1-3-12. V Board and GA Board

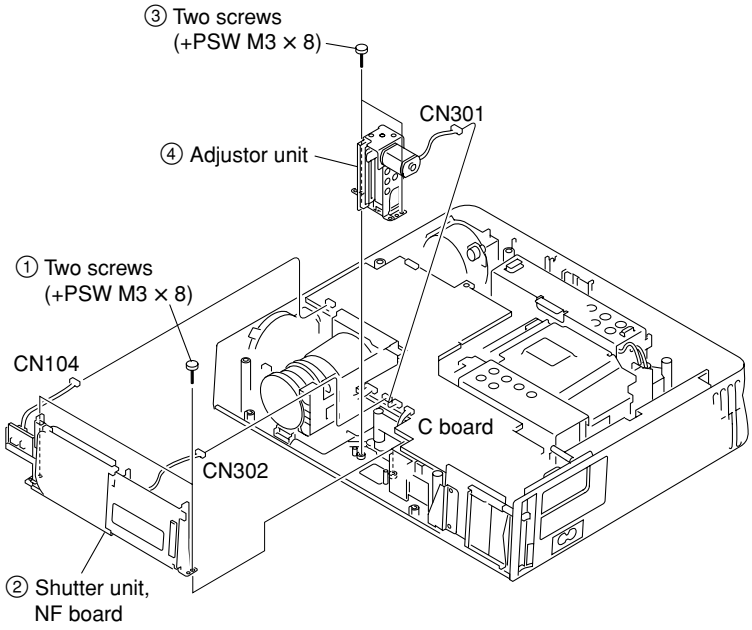
1-3-1. Top Panel



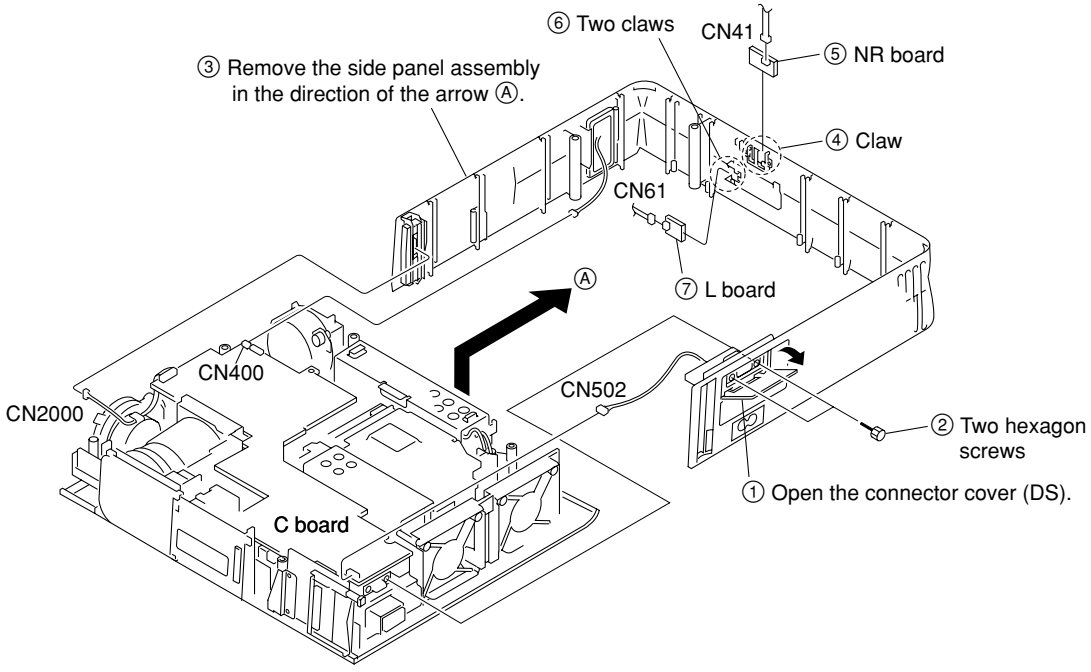
1-3-2. QB Board and NF Board



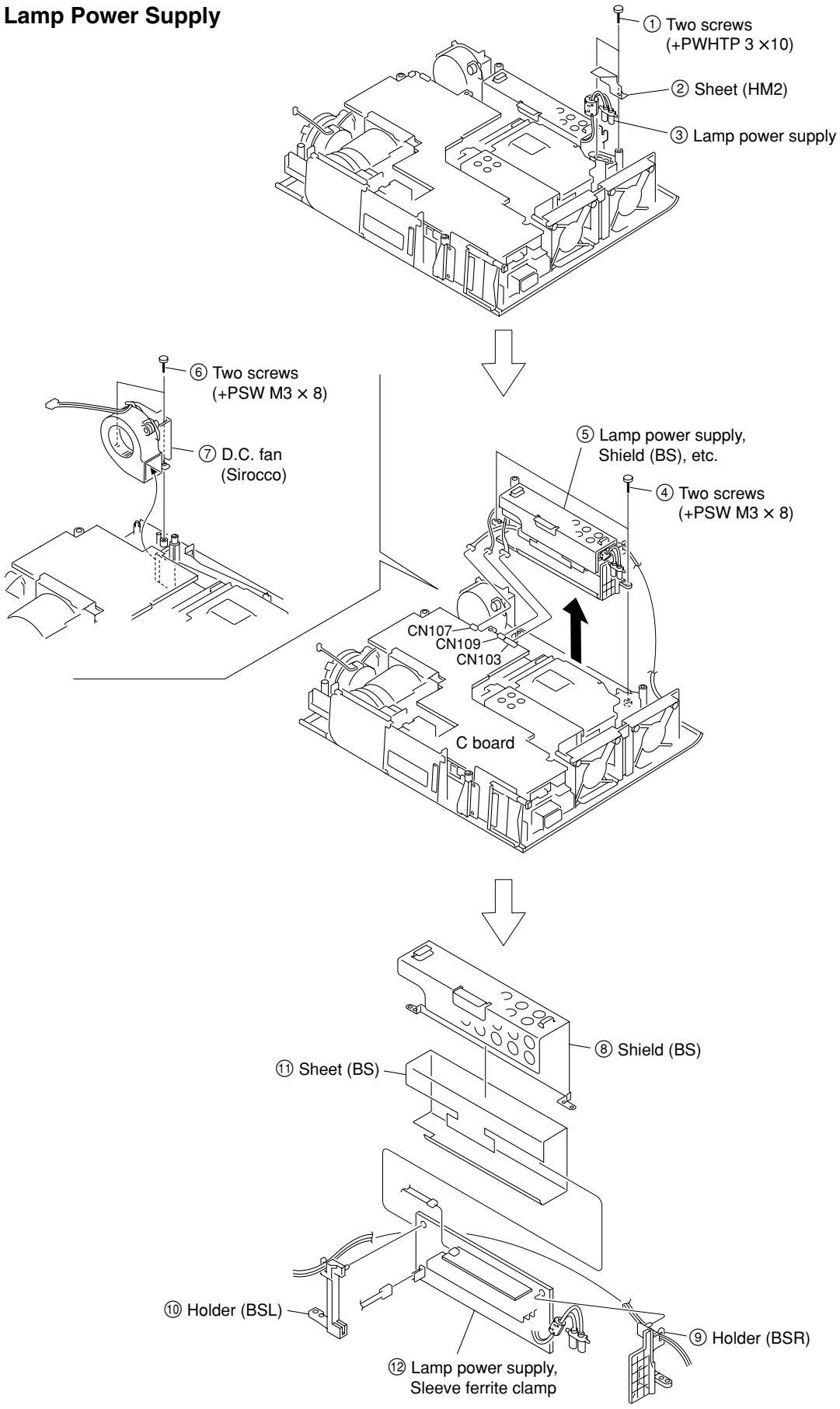
1-3-3. Adjustor Unit



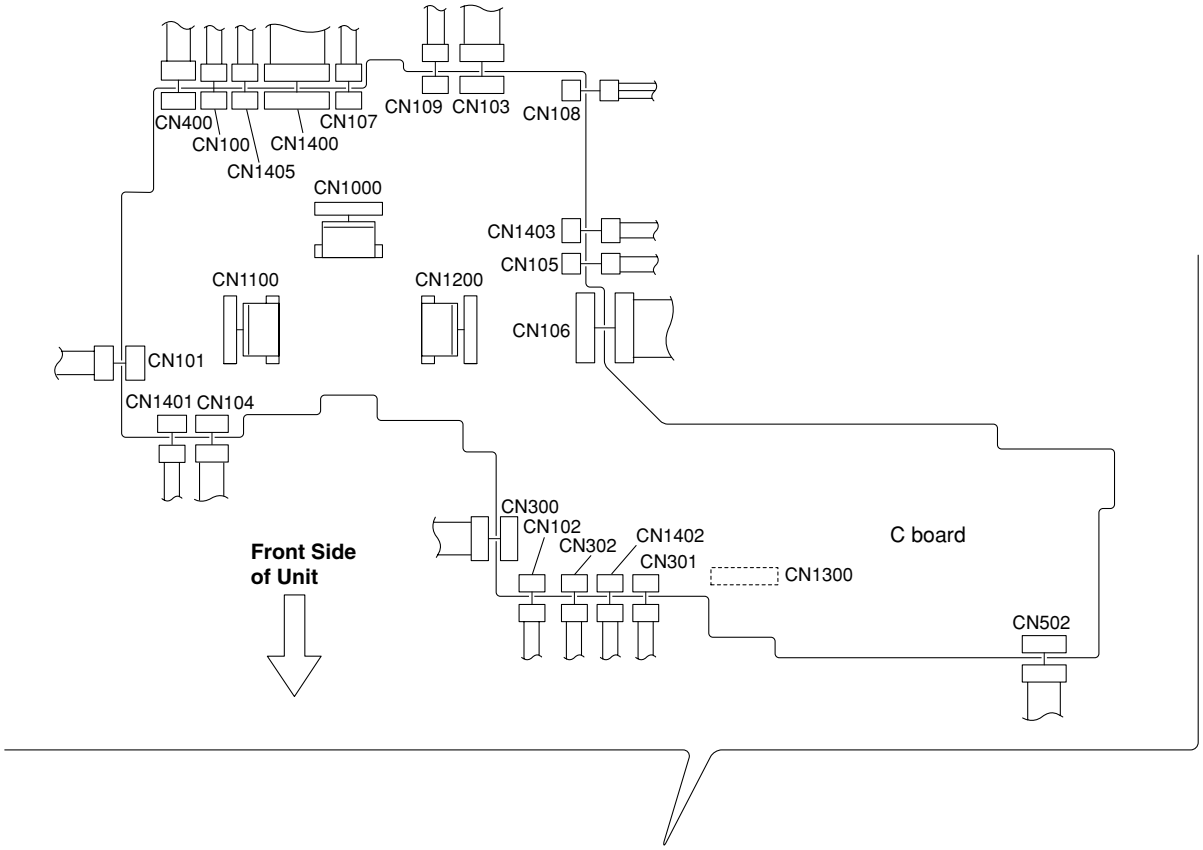
1-3-4. Side Panel Assembly

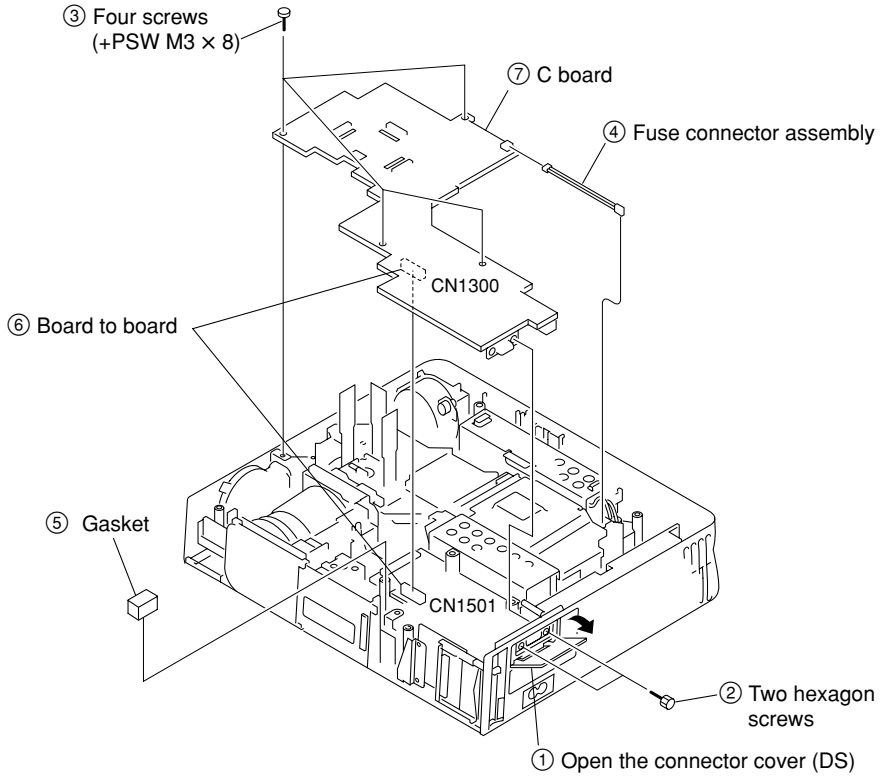


1-3-5. Lamp Power Supply

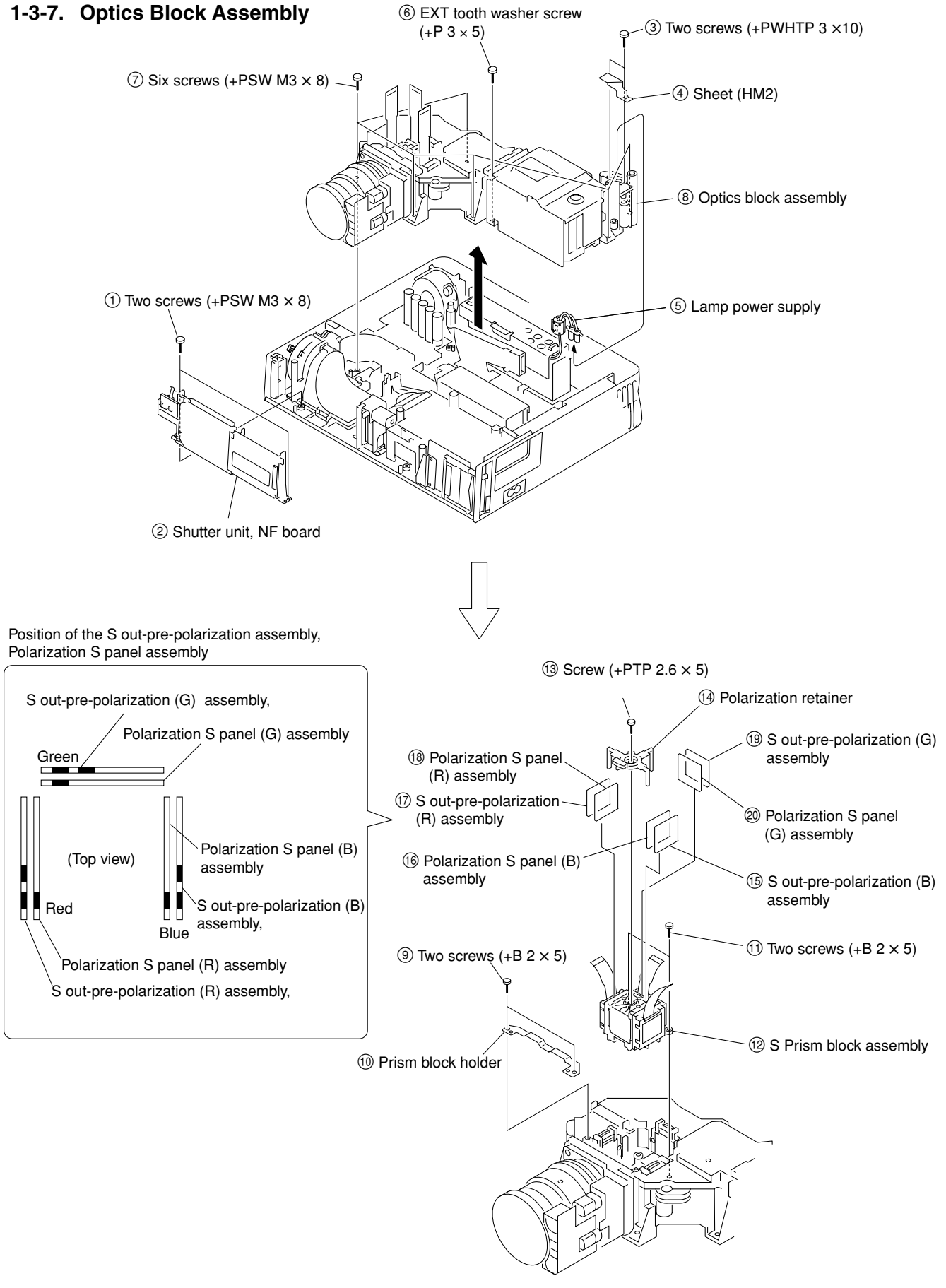


1-3-6. C Board

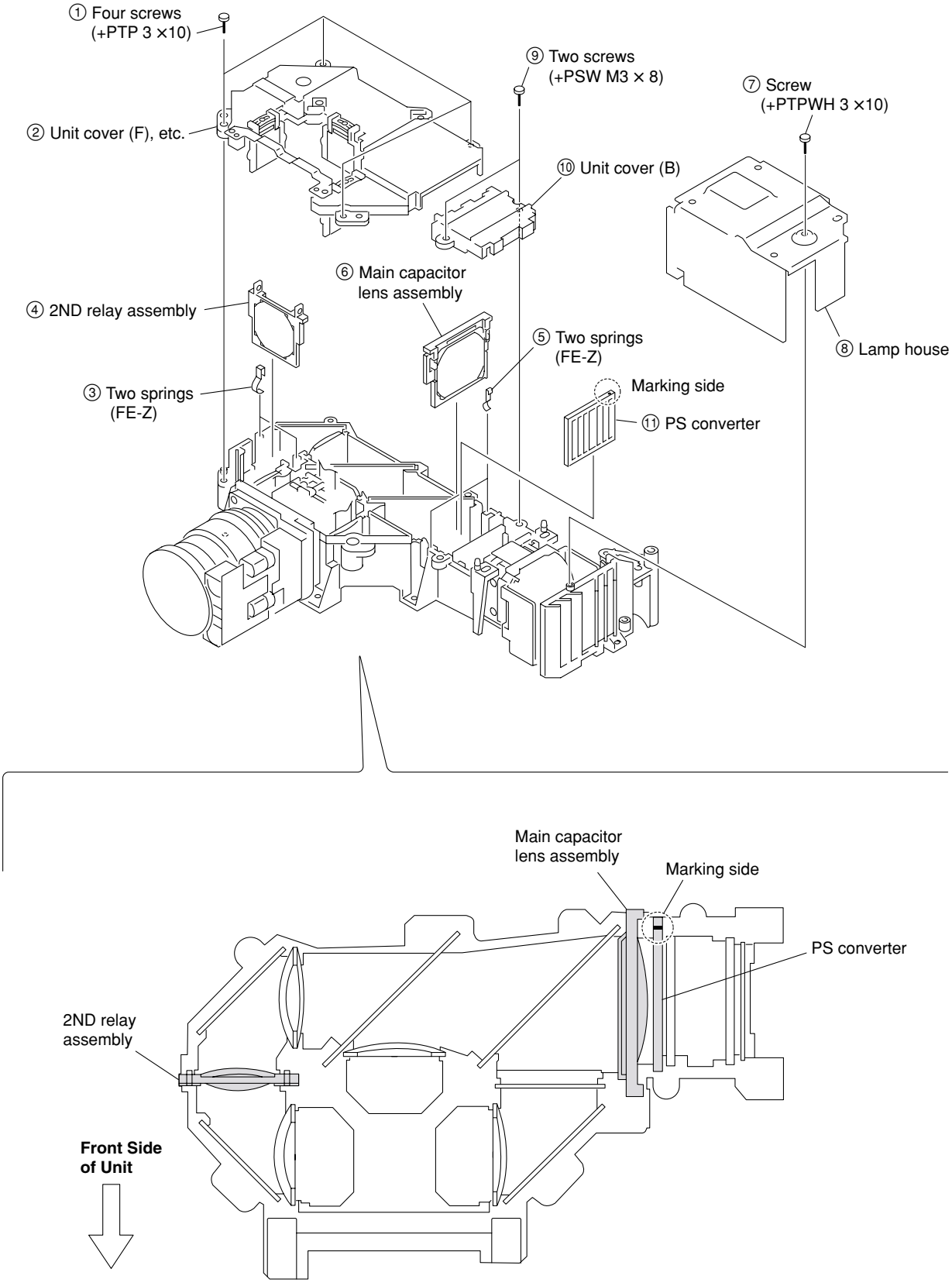

CN400
CN100
CN1405
CN1400
CN107
CN109
CN103
CN108
CN1000
CN1403
CN105
CN1100
CN1200
CN106
CN101
CN1401
CN104
CN300
CN102
CN302
CN1402
CN301
CN1300
C board
Front Side
of Unit
CN502


③ Four screws
(+PSW M3 × 8)
⑦ C board
④ Fuse connector assembly
CN1300
⑥ Board to board
⑤ Gasket
CN1501
② Two hexagon
screws
① Open the connector cover (DS)

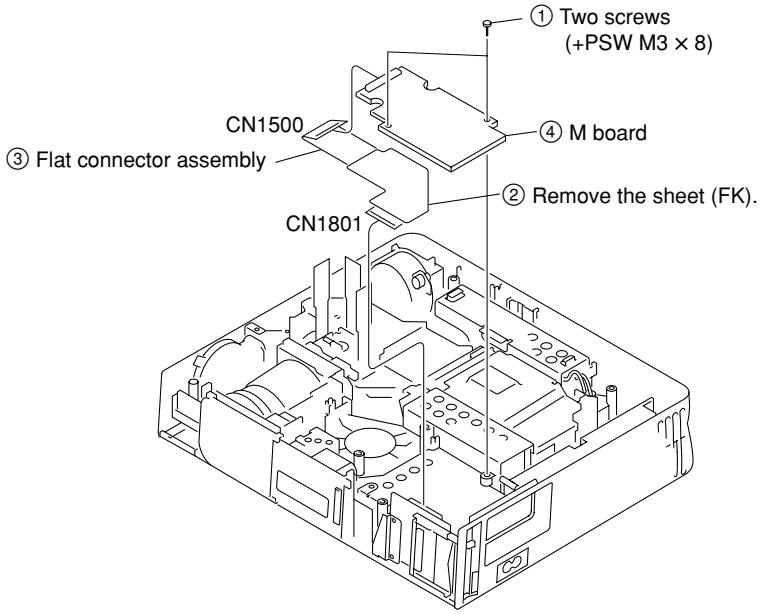
1-3-7. Optics Block Assembly



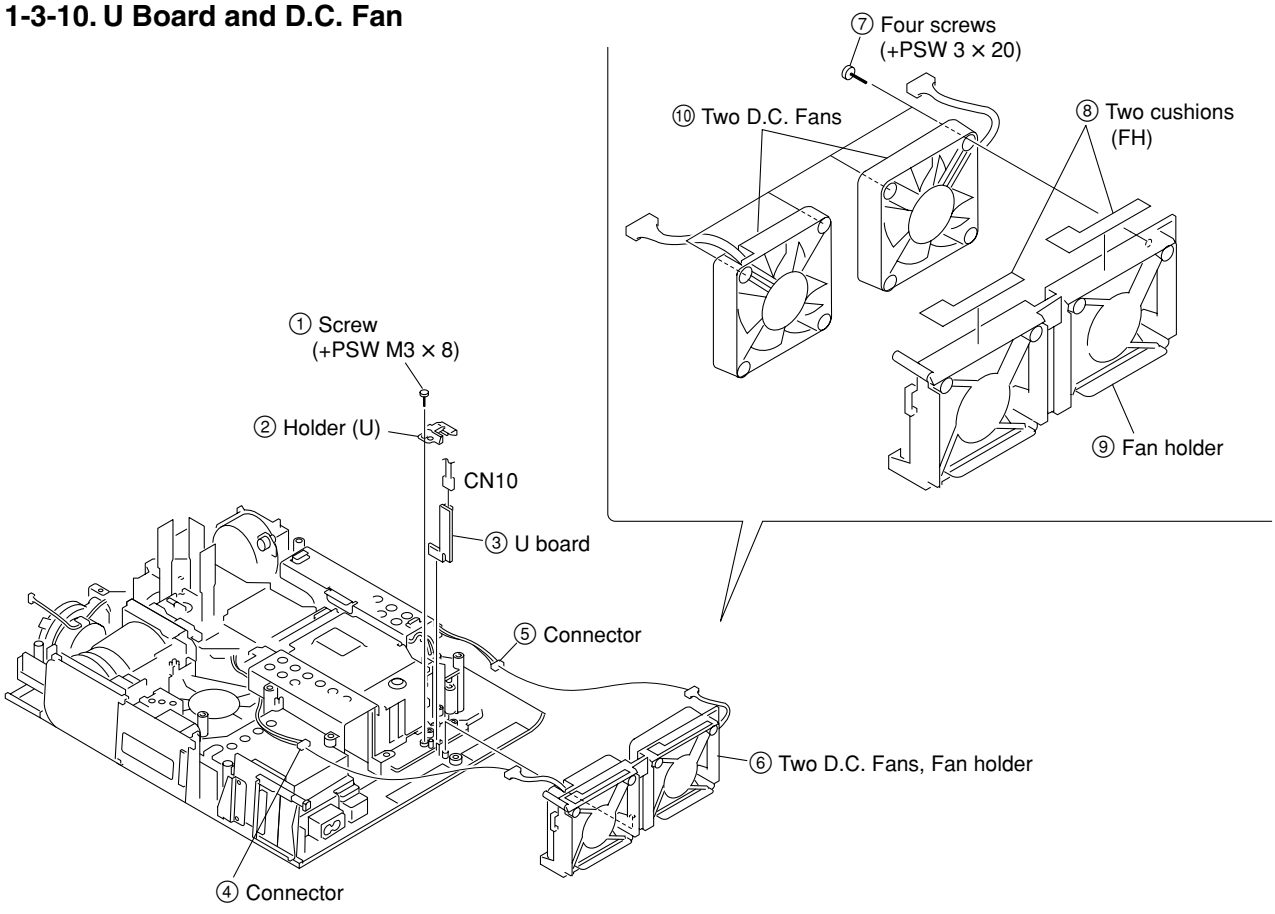
1-3-8. Main Capacitor Lens Assembly



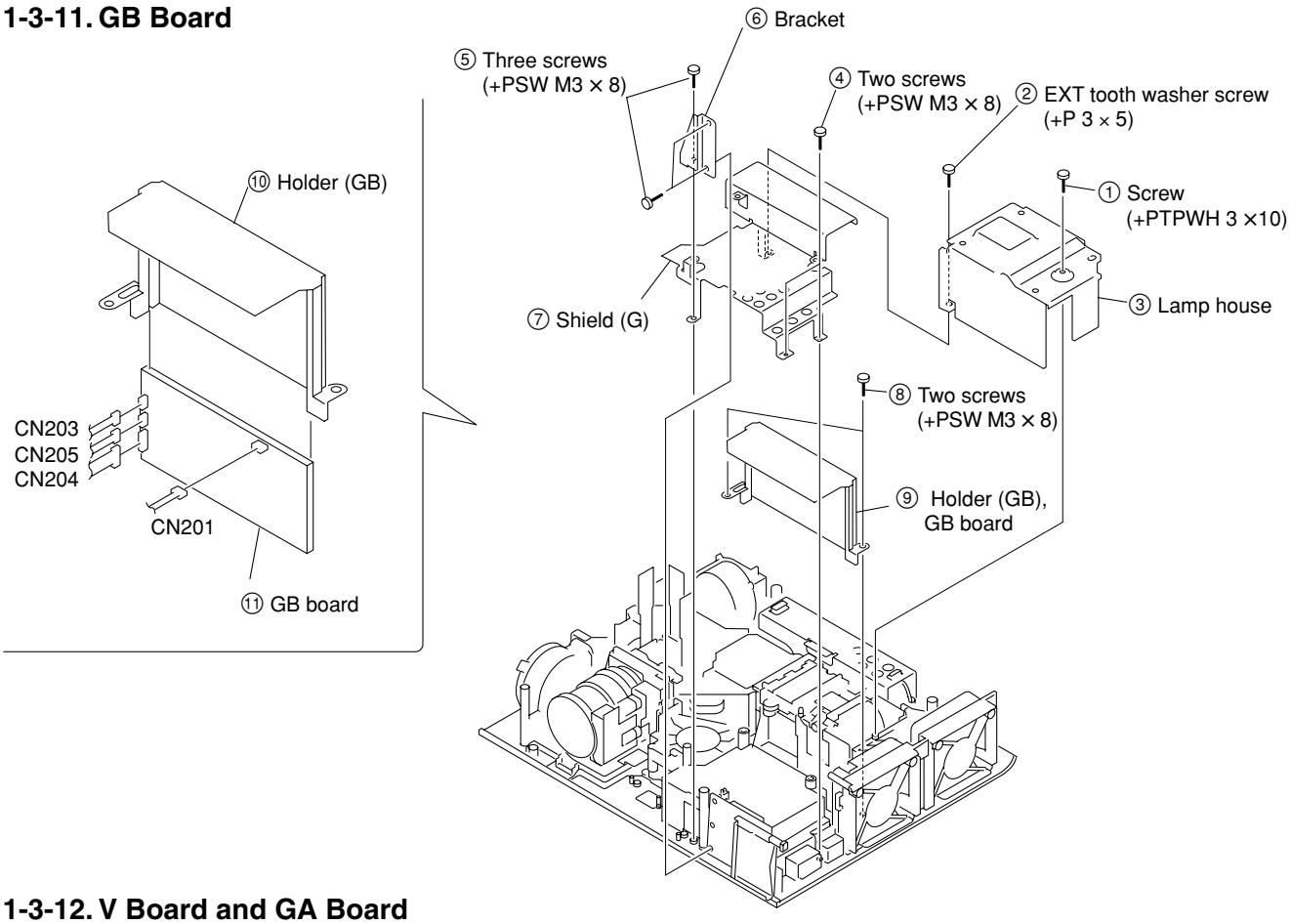
1-3-9. M Board



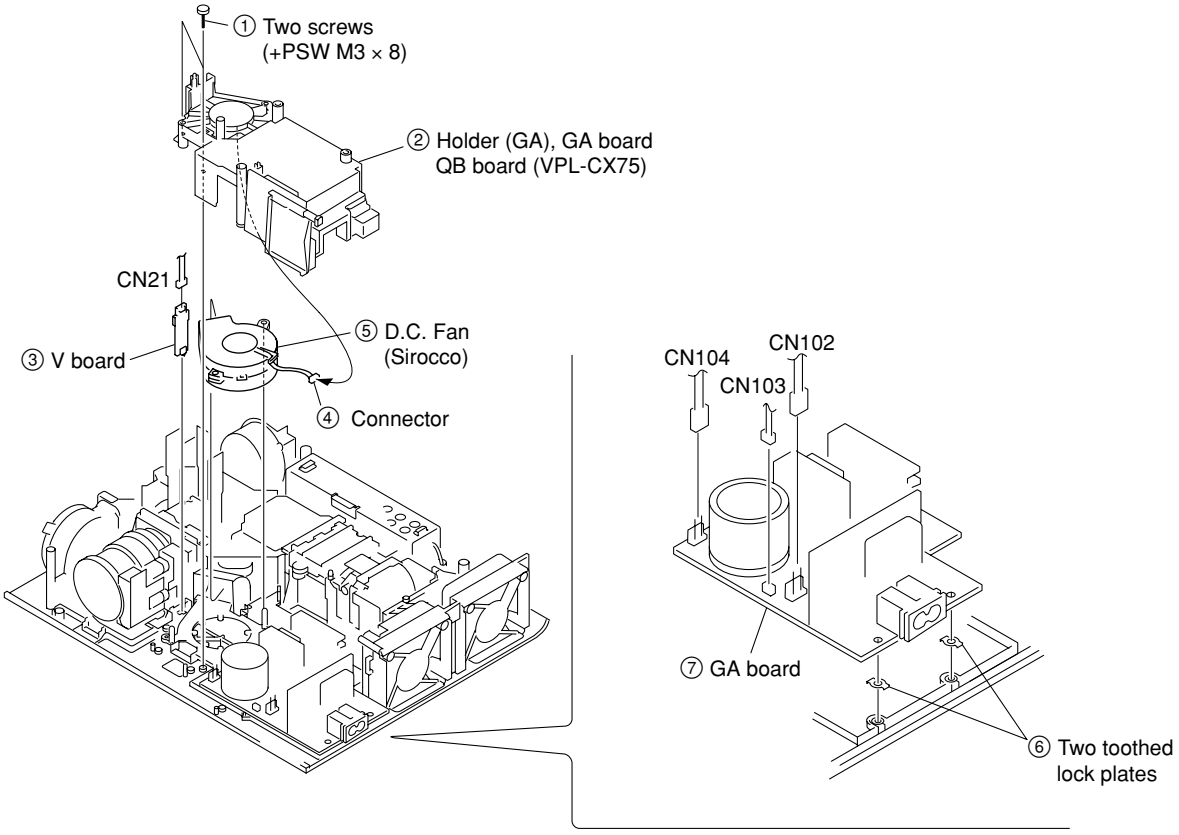
1-3-10. U Board and D.C. Fan



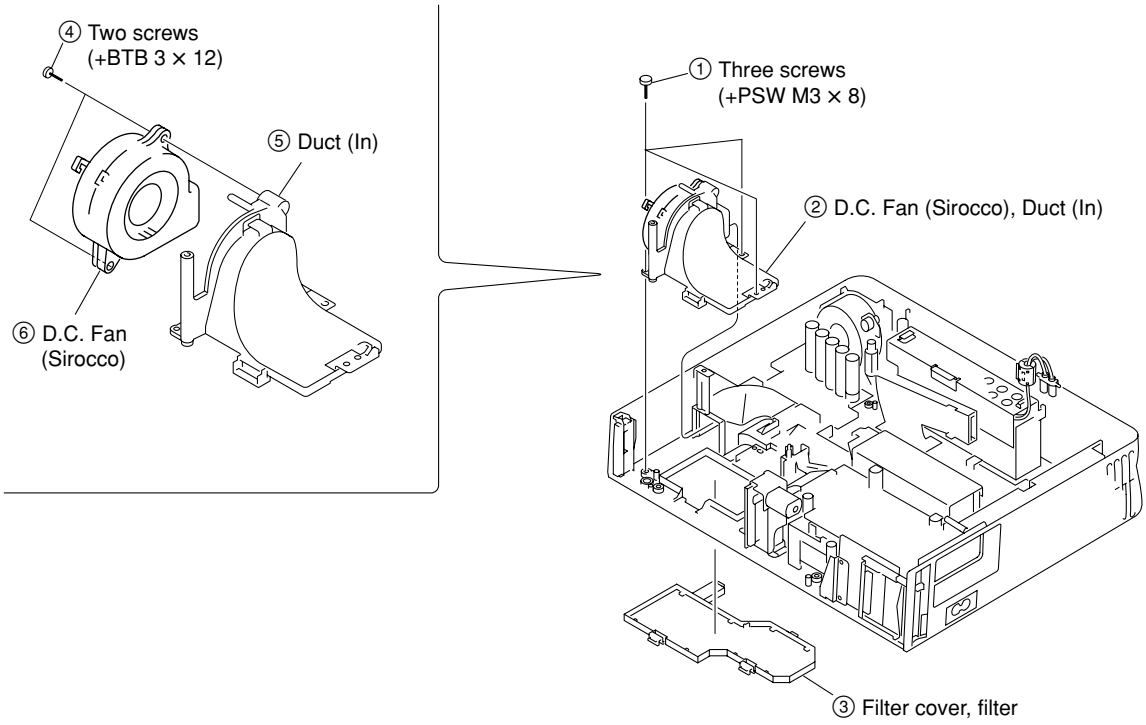
1-3-11. GB Board



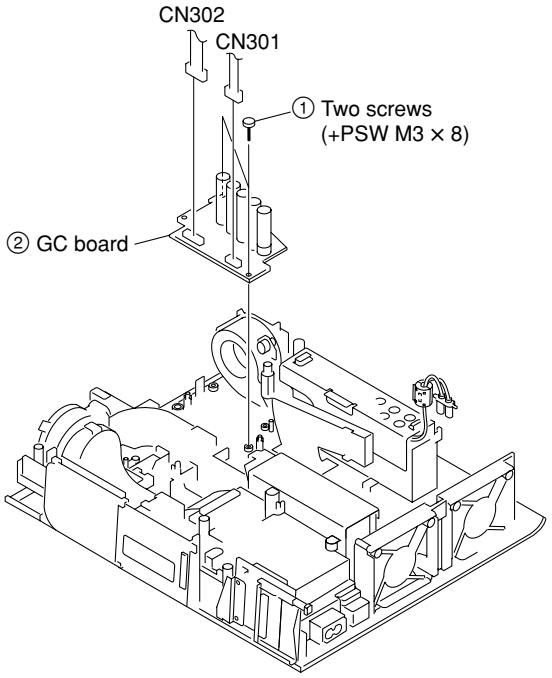
1-3-12. V Board and GA Board



1-3-13. D.C. Fan (Sirocco)



1-3-14. GC Board



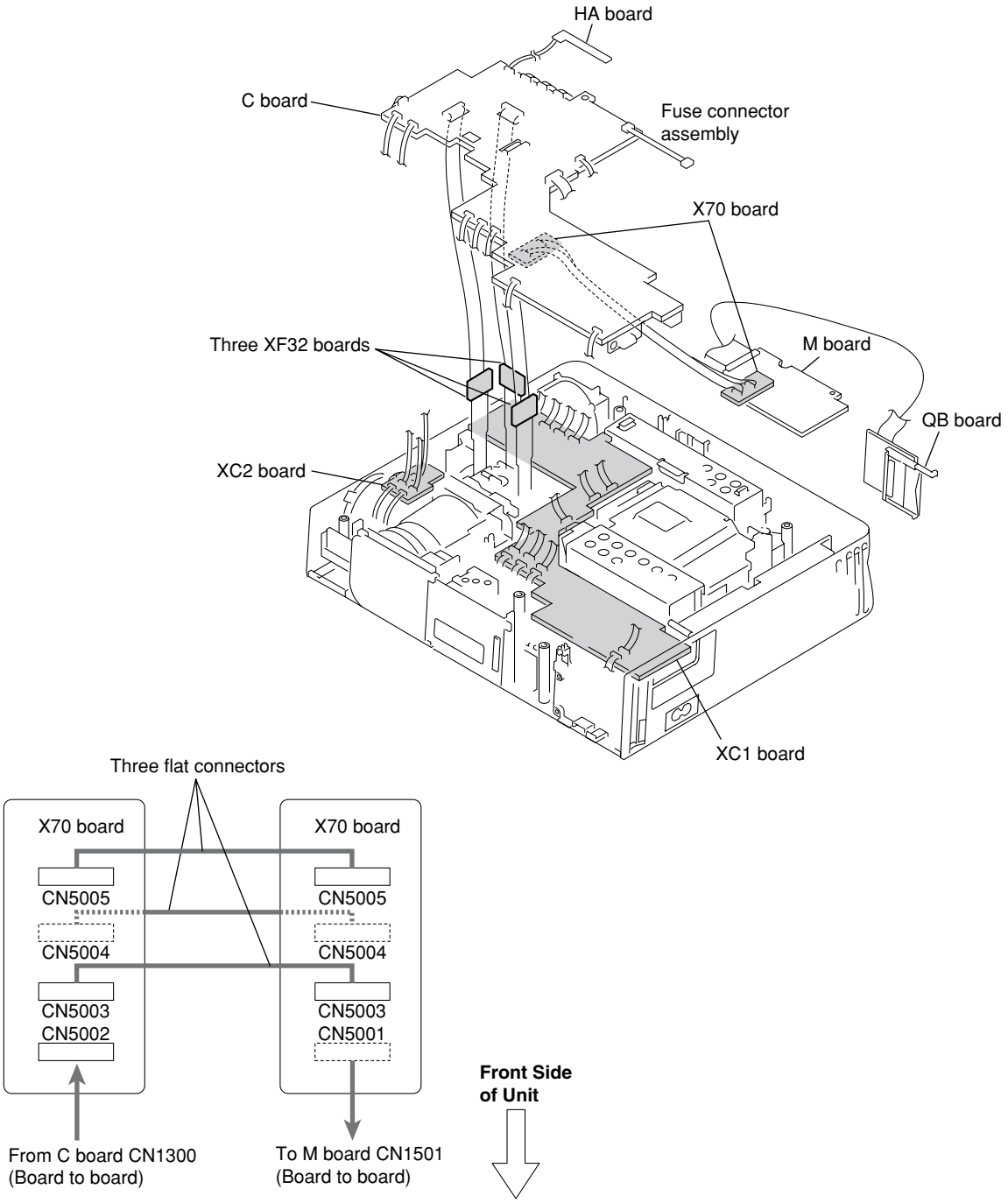
1-3-15. Extension Boards and Extension Connectors

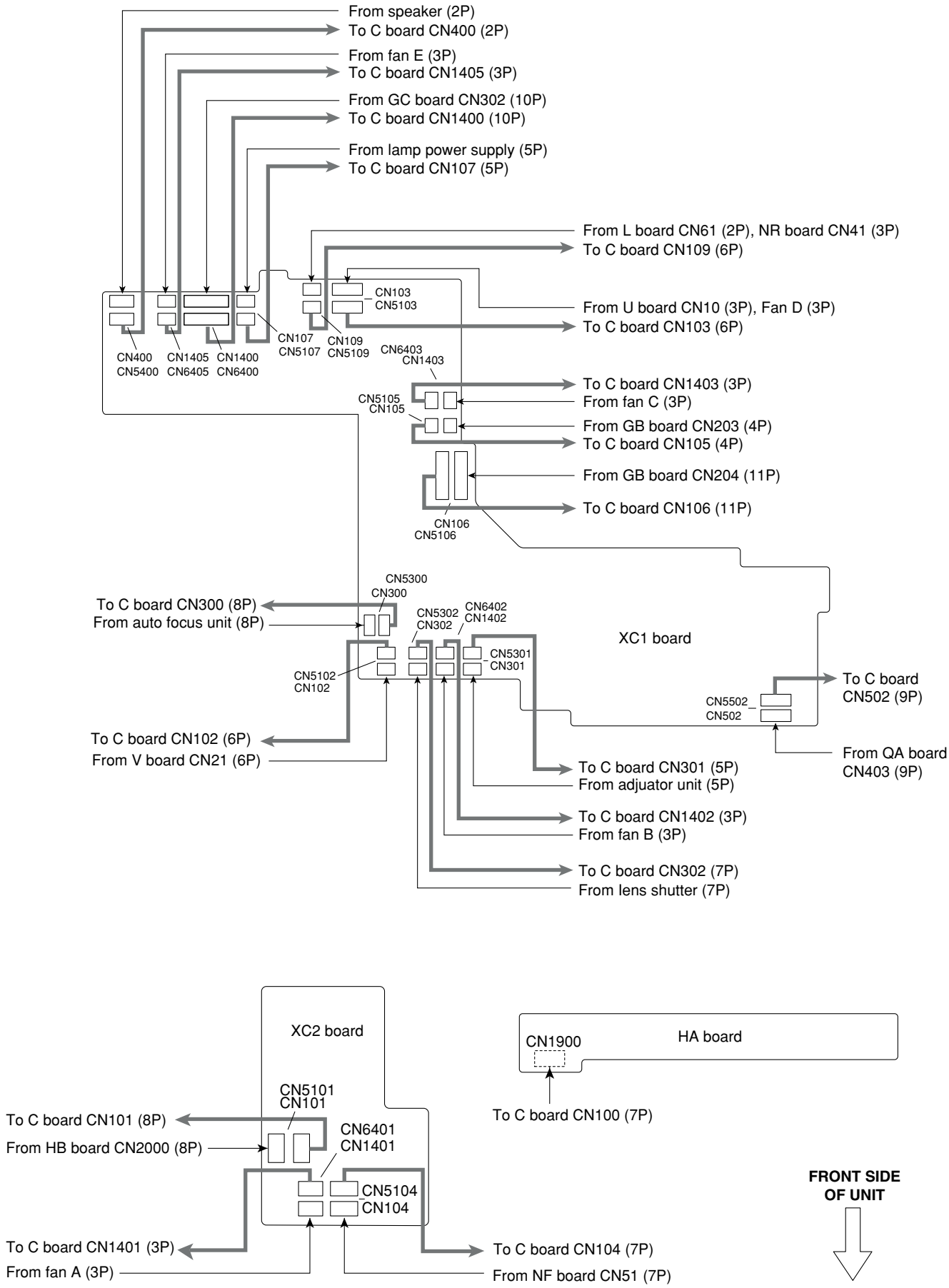
X kit assembly (Part No. A-1073-342-A)

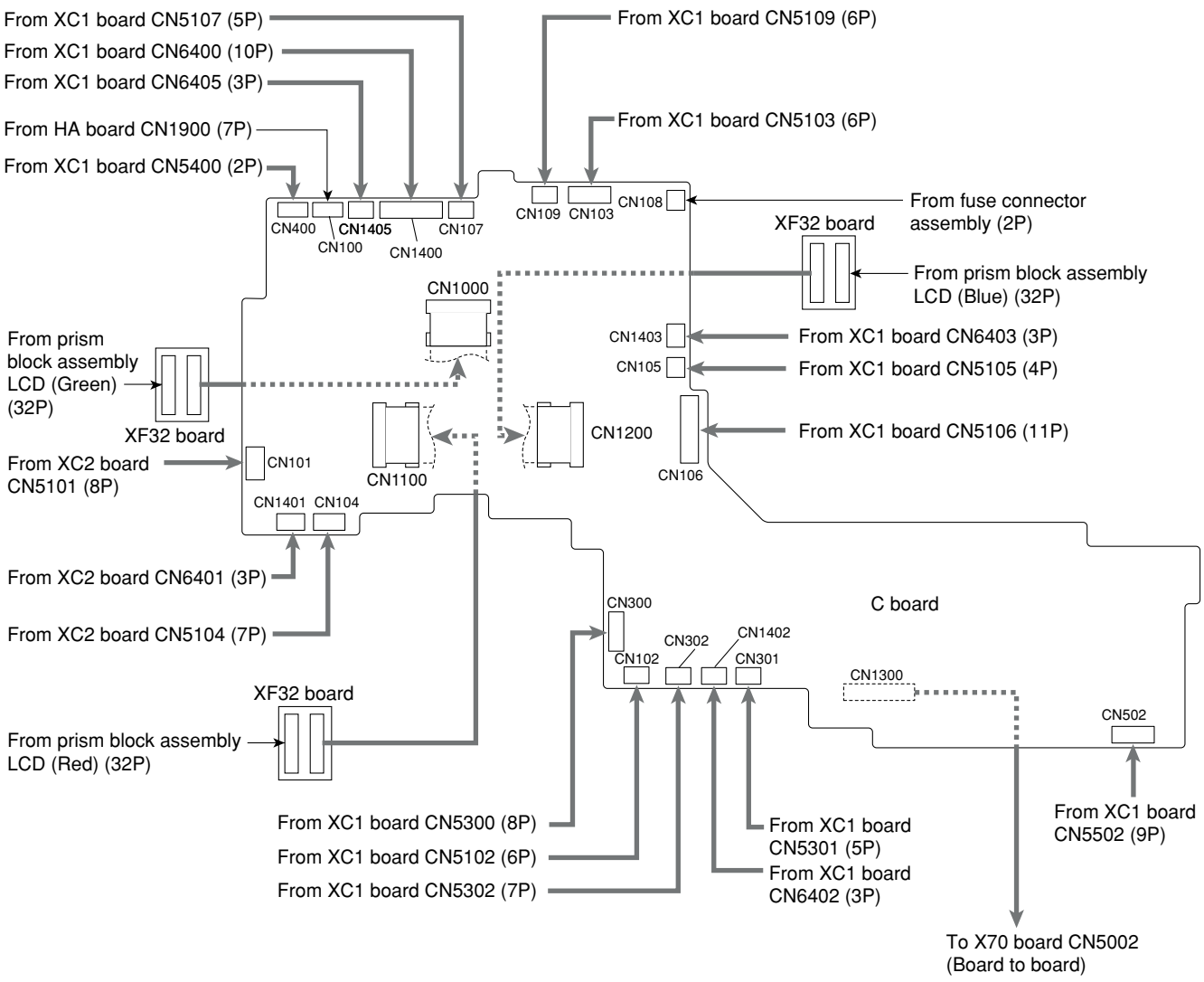
XC1 board x1 XC2 board x 1 X70 board x 2
XF32 board x 3 Harness x 18 Flat connector x 6

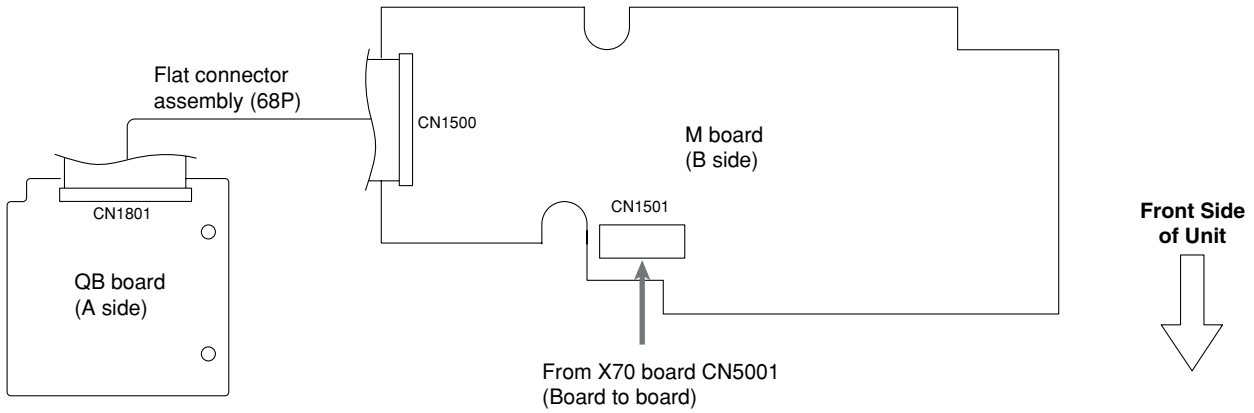
1-3-16. Extension Boards and Extension Connectors Connection

1. C board extension with using XC1, XC2, X70 (VPL-CX75) and XF32 extension boards.




From speaker (2P)
To C board CN400 (2P)
From fan E (3P)
To C board CN1405 (3P)
From GC board CN302 (10P)
To C board CN1400 (10P)
From lamp power supply (5P)
To C board CN107 (5P)
From L board CN61 (2P), NR board CN41 (3P)
To C board CN109 (6P)
From U board CN10 (3P), Fan D (3P)
To C board CN103 (6P)
CN103
CN5103
CN400
CN5400
CN1405
CN6405
CN1400
CN6400
CN107
CN5107
CN109
CN5109
CN6403
CN1403
To C board CN1403 (3P)
From fan C (3P)
CN5105
CN105
From GB board CN203 (4P)
To C board CN105 (4P)
From GB board CN204 (11P)
To C board CN106 (11P)
CN106
CN5106
CN5300
CN300
To C board CN300 (8P)
From auto focus unit (8P)
CN5302
CN302
CN6402
CN1402
XC1 board
CN5301
CN301
CN5102
CN102
To C board CN502 (9P)
CN5502
CN502
From QA board
CN403 (9P)
To C board CN102 (6P)
From V board CN21 (6P)
To C board CN301 (5P)
From adjuator unit (5P)
To C board CN1402 (3P)
From fan B (3P)
To C board CN302 (7P)
From lens shutter (7P)
XC2 board
CN1900
HA board
To C board CN100 (7P)
CN5101
CN101
To C board CN101 (8P)
From HB board CN2000 (8P)
CN6401
CN1401
CN5104
CN104
FRONT SIDE
OF UNIT
To C board CN1401 (3P)
From fan A (3P)
To C board CN104 (7P)
From NF board CN51 (7P)


From XC1 board CN5107 (5P)
From XC1 board CN6400 (10P)
From XC1 board CN6405 (3P)
From HA board CN1900 (7P)
From XC1 board CN5400 (2P)
From XC1 board CN5109 (6P)
From XC1 board CN5103 (6P)
CN400
CN1405
CN100
CN1400
CN107
CN109
CN103
CN108
From fuse connector assembly (2P)
XF32 board
From prism block assembly LCD (Blue) (32P)
CN1000
CN1403
From XC1 board CN6403 (3P)
CN105
From XC1 board CN5105 (4P)
From prism block assembly LCD (Green) (32P)
XF32 board
CN1200
From XC1 board CN5106 (11P)
CN106
From XC2 board CN5101 (8P)
CN101
CN1100
CN1401
CN104
From XC2 board CN6401 (3P)
From XC2 board CN5104 (7P)
CN300
C board
CN302
CN1402
CN102
CN301
CN1300
XF32 board
CN502
From prism block assembly LCD (Red) (32P)
From XC1 board CN5300 (8P)
From XC1 board CN5102 (6P)
From XC1 board CN5302 (7P)
From XC1 board CN5301 (5P)
From XC1 board CN6402 (3P)
From XC1 board CN5502 (9P)
To X70 board CN5002 (Board to board)


Flat connector assembly (68P)
CN1500
M board (B side)
CN1801
CN1501
QB board (A side)
Front Side of Unit
From X70 board CN5001 (Board to board)

1-3-17. 3D GAMMA Quick Access Application Software

Feature of 3D Gamma Quick Access :

- It can read 3D gamma data from a set and save it in a file.
- It can write 3D gamma data in a PC into a set.

When the optical unit is replaced, load 3D gamma data recorded on the micro floppy disk, which is supplied together with the optical unit, into a set using the application software.

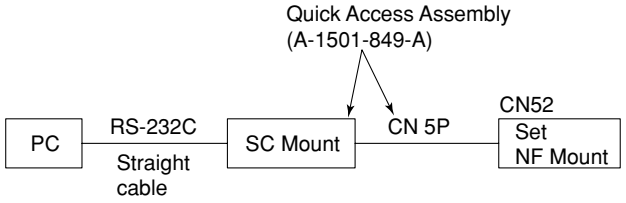
File configuration :

Executable : QuickAccess.exe
Readme File : readme_j.txt (Japanese)
readme_e.txt (English)

Software Acquisition :

Download the application software from the GSP website.

- Since this set has not RS-232C terminal, use the quick access assembly (A-1501-849-A).



1-4. Warning on Power Connection

Use the supplied power cord when you use the projector in your country.
Otherwise, use a proper power cord meeting the following specification.

Canada	**The United States,**		**Continental Europe**	**Australia,**	**UK, Ireland,** **New Zealand**	**Japan**
Plug type	VM0233	290B	YP-12A	COX-07	– [1)]	YP332
Female end	VM0089	386A	YC-13B	COX-02	VM0310B	YC-13
Cord type	SJT	SJT	H05VV-F	H05VV-F	N13237/CO-228	VCTF
Rated Voltage & Current	10A/125V	10A/125V	10A/250V	10A/250V	10A/250V	7A/125V
Safety approval	UL/CSA	UL/CSA	VDE	VDE	VDE	DENAN
Cord length (max.)	4.5 m (177 1/4 inches)		–			

(1) Use the correct plug for your country.

1-5. Service Mode (Network)

In the VPL-CX76, the Event Trace function, which updates the network firmware or displays the error logs of the projector and others, can be used in the Service mode by connecting to the network.
This section describes that procedure.

1-5-1. How to Enter the Service Mode

To use the functions exclusive for Service, the VPL-CX76 needs to enter the Service mode. To enter the Service mode, enter the following address to the Web browser (IE5.0 or later):
http://IP ADDRESS/service (Enter the projector's IP address in "IP ADDRESS".)

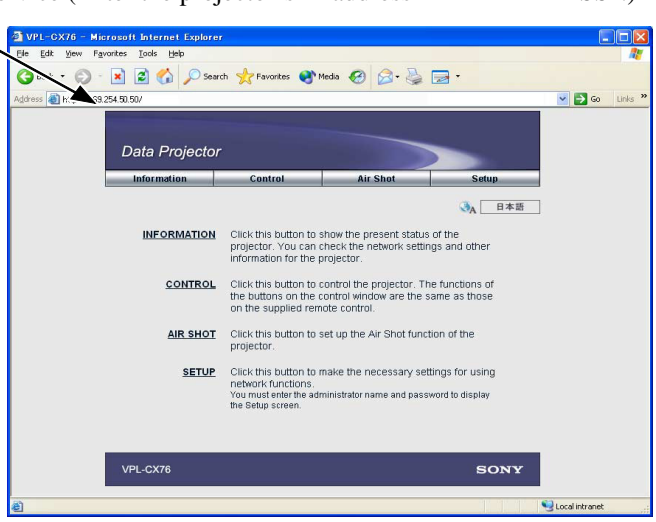


Fig. 1. Index screen

When you are asked your user name and password, enter as follows:
User name: service
Password: vpl-cx76

Note

When you move from the Service mode to another page and enter the Service mode again, close the Web browser and launch it again.

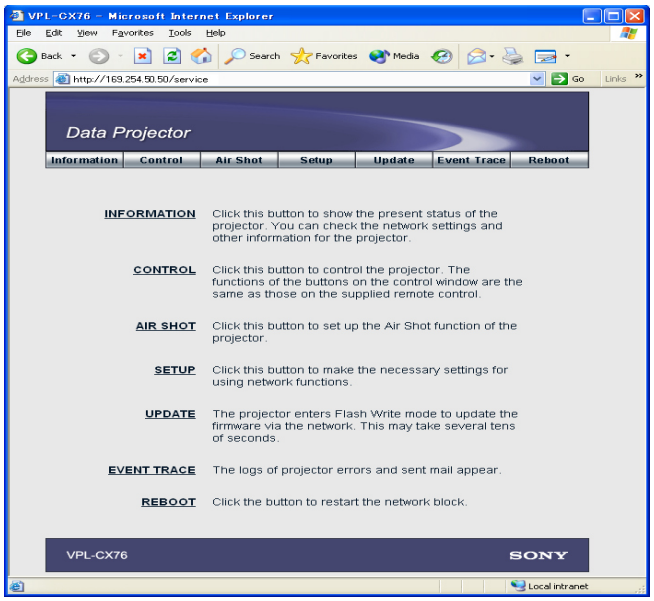


Fig. 2. Service screen

1-6. Update Function

It doesn't correspond to the update in this machine.

1-7. Event Trace Function

1-7-1. INFORMATION

If you click the [Event Trace] tab in the Web page of the Service, you can verify the following information in the INFORMATION area.
Model Name: Model name
Serial No.: Serial number
Location: Installed location (displayed blank if this is not set)
ROM Ver.: ROM versions of Main, Scaler1, and IP

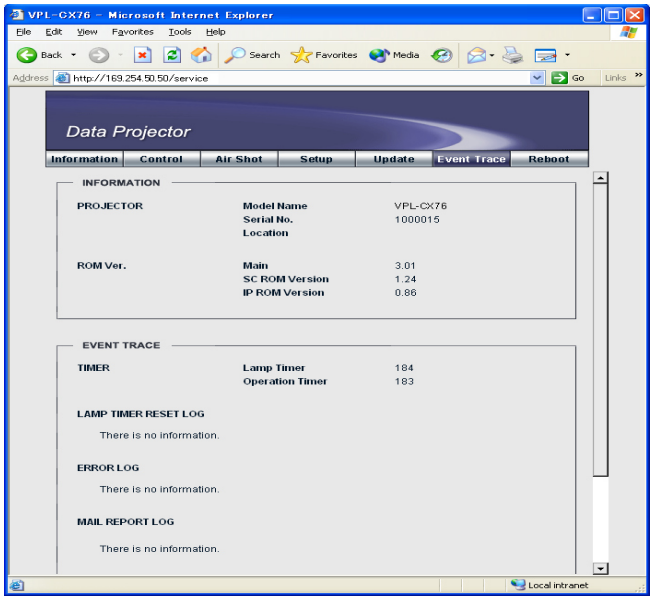


Fig. 3. Event Trace screen

1-7-2. EVENT TRACE

Following are the descriptions of each one of the displayed items.

(1) TIMER
Lamp Timer: Lamp use time
Operation Timer: Operation time

(2) LAMP TIMER RESET LOG
DATE: Year, month, and date when the lamp timer is reset
Operation Timer: Operation time
Lamp Timer: Lamp use time immediately before it is reset.

(3) ERROR LOG

Displays the situation where an error occurs. The past 10 errors are displayed.

DATE: Year, month, and date when the error occurred

OP timer: Operation time when the error occurred

Error: Error description

LAMP FAILURE:	Lamp error
FAN FAILURE:	Fan error
COVER FAILURE:	Cover error
TEMP FAILURE:	Temperature error
POWER SYSTEM FAILURE 1:	Power supply error 1
POWER SYSTEM FAILURE 2:	Power supply error 2
TEMP WARNING:	Temperature warning
LOW RTC BATTERY:	RTC battery is low

(4) MAIL REPORT LOG

Displays the past 15 mail-send logs.

Date: Year, month, and date the mail is sent

Time: Time the mail is sent

Type: Mail types

- •Test: Test mail
- •Regular: Periodical report
- •Maintenance: Maintenance report
- •Error: Error report

Result: Displays the mail-send result.

- •OK: Successfully sent

Error codes are displayed when mails cannot be sent. Table 1 shows the error codes.

Code	Error description
201	The receiver's address, to_addr, is NULL or invalid.
202	Invalid message body, for example, NULL or invalid buffer pointer.
203	Invalid message size, for example, buflen<=0.
204	No server
205	No mailbox
206	TCP layer Error in transmitting message.
207	Email message cancelled (with MCDlete ())
208	mailbox syntax error
209	mailbox busy
213	Other errors
300	Login failed.
310	Logout failed.
401	Specified SMTP server not found.
402	Since there is no DNS setting, the server name cannot be changed to IP ADDRESS.
411	Specified POP server not found.
412	Since there is no DNS setting, the server name cannot be changed to IP ADDRESS.
500	Mail API initialization failed. (MCCreate function)
501	Mail API termination failed. (MCClose function)

Table 1. Error code table

1-8. RTC Battery Replacement

The Network block is equipped with a RTC (Real-Time Clock) and batteries in order to realize the calendar function. The power to the RTC is externally supplied when the AC power is supplied, but when no AC power is supplied, the batteries supply the power to the RTC.
If this battery power becomes low, the “LOW RTC BATTERY” error occurrs. In such a case, replace BT1600 on the Q board.
When the batteries are replaced, set [Date & Time] in [Setup] in the Web screen.

1-9. Web Password Change

If you forget your Web password, enter the Service mode, and then set a new password in [Password] in [Setup] in the Web screen.

Section 2
Electrical Adjustments

2-1. Preparation

2-1-1. Required Equipment

- NTSC, PAL, SECAM component signal generator
  Sony Tektronix TG2000 + AVG1 (option module) + AWVG1 (option module) or equivalent
- VG (programmable video signal generator)
  VG854 or equivalent
- Illuminance meter
- Chromaticity meter

Note

Allow the warm-up time of 5 minutes after the power is on before starting the following adjustments.

2-1-2. How to Enter the Factory Mode

1. Confirm that the MENU can be displayed.
2. Close the MENU.
3. Press the keys in the following order : ENTER → ENTER → ← → ENTER.
   The message [Do you want to enter the Factory Mode? Yes : ↑ No : ↓] appears.
   Select [Yes : ↑].

[Supplementary information: How to Exit the Factory Mode]

Perform the step 3 KEY operation.
The message [Do you want to return to the User Mode? Yes : ↑ No : ↓] appears.
Select [Yes : ↑].

2-2. V COM Adjustment

1. Connect the VG to the INPUT-A connector. Connect the FLAT FIELD 100 IRE signal to the input connector. Leave this unit with POWER ON for 10 minutes or longer for aging.
2. Enter the Factory Mode. Enter the Device Adjust MENU, and then enter the Panel Drive Adjustment MENU.
3. Connect the XGA, R-single color, 30 IRE, single-line ON/OFF signal to the input connector.
4. Enter the P. DRV Adjustment MENU, and then enter the VCOM R Adjustment screen.
5. Adjust the VCOM R value for minimum flicker.
6. Change the input signal to the XGA, G-single color, 30 IRE, single-line ON/OFF signal, and connect it to the input connector.
7. Enter the P. DRV Adjustment MENU, and then enter the VCOM G Adjustment screen.
8. Adjust the VCOM G value for minimum flicker.
9. Change the input signal to the XGA, B-single color, 50 IRE, single-line ON/OFF signal, and connect it to the input connector.
10. Enter the P. DRV Adjustment MENU, and then enter the VCOM B Adjustment screen.
11. Adjust the VCOM B value for minimum flicker.
12. Store the adjustment value in the memory.
13. Turn over the “Image flip” up side down and repeat the steps from 2 through 12.

2-3. Initial Values of Adjustment Items

MenuTitle	ItemName	MemoryName														Re-Marks
		Set Memory	Status Memory	Picture Memory								W/B Memory				
				Video		S Video		Input-A		Input-B		Video		Computer		
				Dynamic	Standard	Dynamic	Standard	Dynamic	Standard	Dynamic	Standard	High	Low	High	Low	
PICTURE SETTING	Picture Mode		Standard													
	Adjust Picture...															
	Contrast			95	80	95	80	95	80	95	80					
	Brightness			50	50	50	50	50	50	50	50					
	Color			50	50	50	50	50	50							
	Hue			50	50	50	50	50	50							
	Sharpness			High	High	High	High	High	High							
	Gamma Mode			-	-	-	-	Graphics	Graphics	Graphics	Graphics					
	Color Temp.			Low	Low	Low	Low	High	High	High	High					
	Volume	30														
INPUT SETTING	Adjust Signal...															
	Dot Phase		15(*)													
	H Size		*													
	Shift		*													
	Wide Mode			Off	Off	Off	Off	Off	Off							
	Scan Conv							On	On							
SET SETTING	Smart APA	On														
	Auto Input Search	Off														
	Input-A Signal Sel.	Computer														
	Input-B Select	Air Shot														
	Color System	Auto														
	Power Saving	Off														
	IR Receiver	Front & Rear														
	Illumination	On														
	Panel Key Lock	Off														
MENU SETTING	Status	On														
	Languege	English														
	Menu Position	Center														
	Menu Color	White														

MenuTitle	ItemName	MemoryName														Re-Marks
		Set Memory	Status Memory	Picture Memory								W/B Memory				
				Video		S Video		Input-A		Input-B		Video		Computer		
				Dynamic	Standard	Dynamic	Standard	Dynamic	Standard	Dynamic	Standard	High	Low	High	Low	
INSTALL SETTING	Tilt...															
	V Keystone	Auto														
	Side Shot	0														
	AutoForcus	On														
	Image Flip	Off														
	Background	Blue														
	Test Pattern	Off														
	Lamp Mode	Standard														
	Lens Control	On														
	High Altitude	Off														
	Security Lock	Off														
	Default Password	Enter x 4														
INFORMATION	f H	Display only														
	f V	Display only														
	(Memory No.)	Display only														
	(Resolution)	Display only														
	Lamp Timer	Display only														
	ROM Version	Display only														
	SC ROM Version	Display only														
	Operation Timer	Display only														
	Prev. Lamp Timer	Display only														
W/B SETTING	Gain R											152	152	152	152	
	Gain G											152	140	152	140	
	Gain B											152	140	152	140	
	Bias R											127	127	127	127	
	Bias G											127	127	127	127	
	Bias B											127	127	127	127	

* : The “Dot Phase E, H Size, Shift H/V and Picture Mode” items in the “INPUT SETTING” menu have their respective initial values for each input signal (PRESET MEMORY No.).

Note

There are some adjustment items that cannot be adjusted, depending on the input signal.

Device Name	ItemName		MemoryName															Re-Marks
			Set Memory	Status Memory	Chroma Memory							Channel Memory				Image Flip Memory		
					NT358/ NT443/ BW60	Pal/Pal-M/N/ Secam/ BW50	15k RGB	Component (15k)	Double speed Component	HDTV (YPbPr)	HDTV (GBR) inc. Double speed	Video	S Video	Input -A	Input -B	Up/Down inversion possible	Up/Down inversion notpossible	
A/D Converter	ADC/	Clamp Position		*1														
		Clamp Width		*1														
		R Gain(Other)										15	-	88	88			
		R Gain(Component)										-	-	80	-			
		R Gain(VideoGBR)										-	-	88	-			
		G Gain(Other)										-	15	88	88			
		G Gain(Component)										-	-	120	-			
		G Gain(VideoGBR)										-	-	88	-			
		B Gain(Other)										-	15	88	88			
		B Gain(Component)										-	-	80	-			
		B Gain(VideoGBR)										-	-	88	-			
		R Offset(Other)										126	-	128	128			
		R Offset(Component)										-	-	128	-			
		R Offset(VideoGBR)										-	-	128	-			
		G Offset(Other)										-	128	128	128			
		G Offset(Component)										-	-	128	-			
		G Offset(VideoGBR)										-	-	128	-			
		B Offset(Other)										-	128	128	128			
		B Offset(Component)										-	-	128	-			
		B Offset(VideoGBR)										-	-	128	-			
		Bandwidth		3														
Chroma/ D.Comb	Chroma/	Dither										2	2	2	2			
		Vd 10BitEn										1	1	1	1			
		Secam Nbw										1	1	1	1			
		Line2 A Sync										15	15	15	15			
		Line2 H Sync										7	7	7	7			
		Line2 Los										31	31	31	31			
		End Clamp	64															
		Status 1	Display only															
		Status 2	Display only															

Device Name	ItemName		MemoryName														Re-Marks
			Set Memory	Status Memory	Chroma Memory							Channel Memory				Image Flip Memory		
					NT358/ NT443/ BW60	Pal/Pal-M/N/ Secam/ BW50	15k RGB	Component (15k)	Double speed Component	HDTV (YPbPr)	HDTV (GBR) inc. Double speed	Video	S Video	Input -A	Input -B	Up/Down inversion possible	Up/Down inversion notpossible	
Panel Driver	P.Drv	Offset R														122	122	
		Offset G														122	122	
		Offset B														122	122	
		V Common R														92	92	
		V Common G														92	92	
		V Common B														92	92	
		Psig 1 R	12															
		Psig 1 G	12															
		Psig 1 B	12															
		Psig 2 R	83															
		Psig 2 G	83															
		Psig 2 B	83															
		Signal Center R	30															
		Signal Center G	30															
		Signal Center B	30															
		Gain R	160															
		Gain G	160															
		Gain B	160															
	SH/	SH1	43															
	Other/	V Com Ptn Enb	Non Adjustable															
		Installation	Non Adjustable															

Notes

There are some adjustment items that cannot be adjusted, depending on the input signal.

*1 : It changes with signals inputted.

Device Name	ItemName		MemoryName															Re-Marks
			Set Memory	Status Memory	Chroma Memory							Channel Memory				Image Flip Memory		
					NT358/ NT443/ BW60	Pal/Pal-M/N/ Secam/ BW50	15k RGB	Component (15k)	Double speed Component	HDTV (YPbPr)	HDTV (GBR) inc. Double speed	Video	S Video	Input -A	Input -B	Up/Down inversion possible	Up/Down inversion notpossible	
Other	3D Gamma	Through	0															
		SW	1															
	Other/	HST Position	1425															
		HST Phase	52															
		HST Width	0															
	Temp/	Thresh Lamp														Non Adjustable	Non Adjustable	
		Thresh Panel														Non Adjustable	Non Adjustable	
		Thresh Atmos														Non Adjustable	Non Adjustable	
	Fan/	Hi Alt Const														Non Adjustable	Non Adjustable	
		High Alt Cofe														Non Adjustable	Non Adjustable	
	Fan1/	Cont Max														Non Adjustable	Non Adjustable	
		Speed Max														Non Adjustable	Non Adjustable	
		Speed Min														Non Adjustable	Non Adjustable	
		Cont Slope														Non Adjustable	Non Adjustable	
	Fan2/	Cont Max														Non Adjustable	Non Adjustable	
		Speed Max														Non Adjustable	Non Adjustable	
		Speed Min														Non Adjustable	Non Adjustable	
		Cont Slope														Non Adjustable	Non Adjustable	
	Fan3/	Cont Max														Non Adjustable	Non Adjustable	
		Speed Max														Non Adjustable	Non Adjustable	
		Speed Min														Non Adjustable	Non Adjustable	
		Cont Slope														Non Adjustable	Non Adjustable	
	Other/	Synchronous	1															
		Tilt C0	Factory adj. Value															
		Tilt C1	Factory adj. Value															
		Tilt C2	Factory adj. Value															
		X Tilt	Display only															
		Y Tilt	Display only															
		TL	Display only															
		TP	Display only															
		TA	Display only															
Gamma			Factory adj. Value															

* : The “Dot Phase E, H Size, Shift H/V and Picture Mode” items in the “INPUT SETTING” menu have their respective initial values for each input signal (PRESET MEMORY No.).

Note

There are some adjustment items that cannot be adjusted, depending on the input signal.

2-4. Service Know-How

2-4-1. When the Prism Block Is Replaced

1. Perform the V COM adjustment. (Refer to Section “2-2. VCOM Adjustment”.)
2. Write LUT and 3D GAMMA data that are supplied with the prism block.
3. Perform the white balance adjustment. (Refer to Section “2-5. White Balance Adjustment”.)
4. Perform the AF adjustment. (Refer to Section “2-6. AF Adjustment”.)

2-4-2. When the Lens is Replaced

1. Perform the AF adjustment. (Refer to Section “2-6. AF Adjustment”.)

2-4-3. When the Board is Replaced

Note

No item needs to be adjusted when boards other than the C board are replaced.

When the C board is replaced

1. Install the IC204 and IC903 that are removed from the old C board, into the new C board.
2. Enter the Factory Mode, and select Other in DEVICE ADJUST.
3. Shorten the TILT adjuster to its shortest limit on the flat workbench.
4. At this time, the value of 38 Other/X Tilt is read and inputted in the 35 Other/Tilt C0.
5. Secure the unit so that it faces upward in the vertical position.
6. At this time, the value of 38 Other/X Tilt is read and inputted in the 36 Other/Tilt C1.
7. Secure the unit so that it faces downward in the vertical position.
8. At this time, the value of 38 Other/X Tilt is read and inputted in the 37 Other/Tilt C2.
9. Press the MEMORY key and save the adjustment value.

Note

Perform adjustment under the environment of 25 ±5°C.

2-5. White Balance Adjustment

Preparation before adjustment

1. Input the 100 IRE XGA flat field signal to the INPUT-A connector and allow the warm-up of 10 minutes aging at a minimum.
2. Enter the Service Mode.
   Press the keys in the following order.
   [ENTER] → [ENTER] → [↑] → [↓] → [ENTER].
   The message [Do you want to enter the Service Mode? Yes : ↑ No : ↓] appears.
   Select [Yes : ↑].

[Supplementary information: How to Exit the Service Mode]

Perform the step 2 KEY operation.
The message [Do you want to return to the User Mode?] appears.
Select [Yes : ↑].

2-5-1. HIGH Mode of INPUT-A

Input the XGA 10 STEP signal to the INPUT-A connector, and see the chromaticity of each tone.
If the chromaticity of each mode deviates, perform the following adjustment.
Before adjusting each mode, confirm that CONTRAST is 80, BRIGHT is 50, GAIN of R.G.B is 152, and BIAS is 127.
Select Computer for the Input-A signal type.

1. Input the 100 IRE XGA flat field signal to the INPUT-A connector.
2. Measure the chromaticity (x, y). Set CONTRAST and BRIGHT to MAX only during this measurement. After the adjustment is completed, set CONTRAST to 80, and BRIGHT to 50.
3. Input the 80 IRE XGA flat field signal to the INPUT-A connector.
4. Adjust the chromaticity (x, y) to the one set in step 2 by GAIN R and GAIN B of the HIGH mode of W/B.
5. Input the 30 IRE XGA flat field signal to the INPUT-A connector.
6. Adjust the chromaticity (x, y) to the one set in step 2 by GAIN R and GAIN B of the HIGH mode of W/B.
7. Repeat steps 3 to 6 above until the chromaticity (x ±0.002, y ±0.003) with reference to the chromaticity that is measured at step 2 is obtained.
8. Press the MEMORY key and save the adjustment value.

2-5-2. LOW Mode of INPUT-A

1. The target chromaticity of the adjustment is (0.327, 0.362).
2. Input the 80 IRE XGA flat field signal to the INPUT-A connector.
3. Adjust the GAIN R and GAIN B in the LOW mode of W/B until the chromaticity (x, y) that is measured at step 1 is obtained.
4. Input the 30 IRE XGA flat field signal to the INPUT-A connector.
5. Adjust the GAIN R and GAIN B in the LOW mode of W/B until the chromaticity (x, y) that is measured at step 1 is obtained.
6. Repeat steps 2 to 5 above until the chromaticity (x ±0.002, y ±0.003) with reference to the chromaticity that is measured at step 1 is obtained.
7. Press the MEMORY key and save the adjustment value.

2-5-3. HIGH Mode of VIDEO

Set Component for the input A signal type.

1. The target chromaticity of the adjustment is (0.293, 0.295).
2. Input the 80 IRE Component flat field signal to the INPUT-A connector.
3. Adjust the GAIN R and GAIN B in the LOW mode of W/B until the chromaticity (x, y) that is measured at step 1 is obtained.
4. Input the 30 IRE Component flat field signal to the INPUT-A connector.
5. Adjust the GAIN R and GAIN B in the HIGH mode of W/B until the chromaticity (x, y) that is measured at step 1 is obtained.
6. Repeat steps 2 to 5 above until the chromaticity (x ±0.002, y ±0.003) with reference to the chromaticity that is measured at step 1 is obtained.
7. Press the MEMORY key and save the adjustment value.

2-5-4. LOW Mode of VIDEO

1. The target chromaticity of the adjustment is (0.300, 0.310).
2. Input the 80 IRE Component flat field signal to the INPUT-A connector.
3. Adjust the GAIN R and GAIN B in the LOW mode of W/B until the chromaticity (x, y) that is measured at step 1 is obtained.
4. Input the 30 IRE Component flat field signal to the INPUT-A connector.
5. Adjust the GAIN R and GAIN B in the HIGH mode of W/B until the chromaticity (x, y) that is measured at step 1 is obtained.
6. Repeat steps 2 to 5 above until the chromaticity (x ±0.002, y ±0.003) with reference to the chromaticity that is measured at step 1 is obtained.
7. Press the MEMORY key and save the adjustment value.

2-6. Automatic Focus (AF) Adjustment

Turn on the cooling fan and the lamp.
Set Tilt to 0, Side shot 0, and V Keystone correction MANUAL.

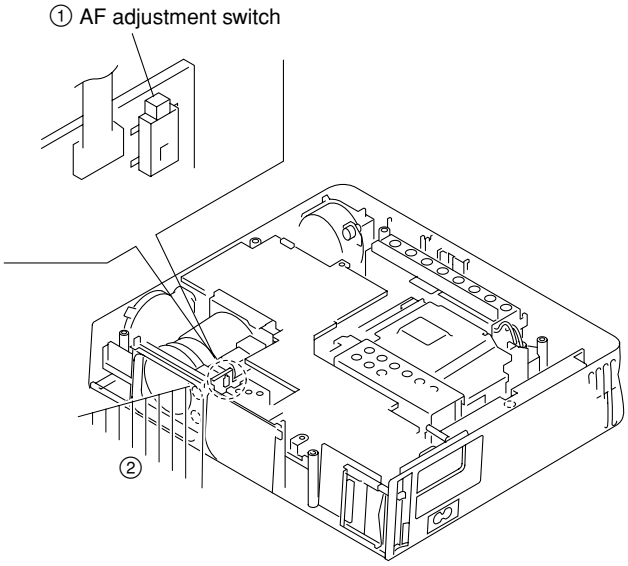
1) Wide end adjustment

Set the zoom position to the wide end, and then set the screen size to 60". (Bring the unit to the front projection.)

1. On "MENU", select "INSTALL SETTING", and set "Test Pattern" to "ON".
2. Adjust the focus to the optimum position while observing the test pattern at the center of the projected image. (If "Test Pattern" is set to "ON" in step 1, a cross-shaped test pattern appears when the Focus key is pressed.)
3. Press the AF adjustment switch (①) in the following figure and hold it for about two seconds. (When the holding action is recognized, the focus starts functioning automatically.)

   Note

   While holding down the key, ensure that no object that may interrupt the projected image exists in front of the AF module (②) , or between the VPL-CX76 and the screen.



2) Tele end adjustment

After completing the above adjustment, set the zoom position to the tele end at the same position.
Then, repeat the adjustment steps 1 through 3 described above.

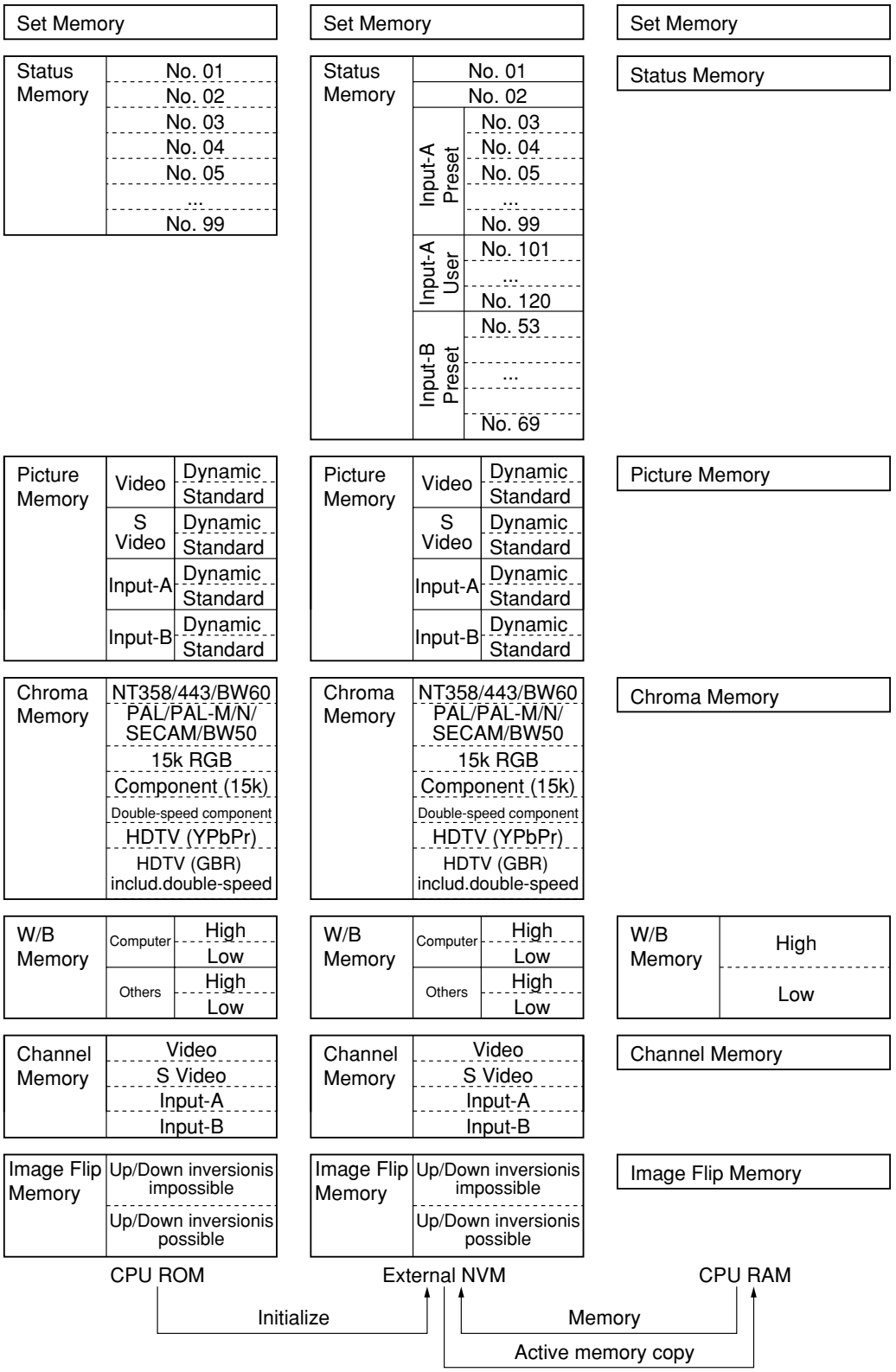
3) Check

At both the wide end and the tele end, blur the focus by using the Focus key. Then activate AF, and check that the focus is correctly adjusted.

2-7. Memory Structure

Memory Structure

CPU internal ROM : 512 K byte Flash Memory
CPU internal RAM : 32 K byte
External NVM memory : 8 K byte EEPROM



Memory structure consists of the followings.

1 Set memory
2 Status memory
3 Picture memory
4 Chroma memory
5 W/B memory
6 Channel memory
7 Image Flip memory

* The gamma memory is realized by giving offset to Contrast and Brightness output values to the devices in the gamma mode function.

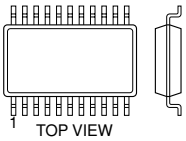
Flow of data is described briefly. When the power plug is connected to the wall outlet for the first time (Standby state), all data that are stored in the internal ROM are written in the NVM(non-volatile memory). When the POWER is turned ON, all the status memory data and other memory data that are required for the present picture are selected from each memory block and expanded in the internal RAM.

When any adjustment is performed at this moment, the adjustment data (user mode items) are written in the NVM (Service/Special Service item) automatically triggered by the memory operation.

The adjustment items (W/B, Device Adjust) that can be adjusted in the Service Mode or in the Special Service Mode, are memorized in the NVM at the time when the user performs adjustment and performs the memory operation. Note that the factory adjustment data will be lost at this moment.

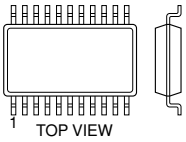
Section 3
Semiconductors

24LC21AT-I/SN
BA10358FV-E2
BA6289F-E2
CY25033SXC-1T
HN58X24256FPIZ
IRMF-A0T-QTP
M24C64-WMN6T(B)
MC33262DR2
MM1096AFF
SI4403DY-T1
ST24FC21M6TR
TC7WH04FK(TE85R)
TC7WH125FK(TE85R)
TC7WH34FU(TE12R)
UPC393G2
UPC393G2-E2



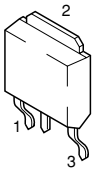
8pin SOP

74VHC02MTCX
MIC2562A-0YMTR
MIC2562A-OBMTR
SN74LV00APWR
SN75240PWR
TC74LCX125FT(EL)

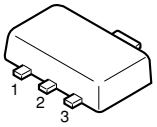


14pin SOP

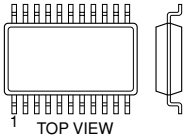
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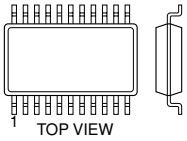


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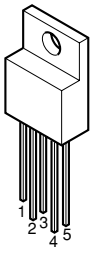
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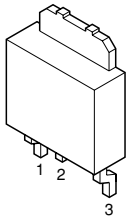


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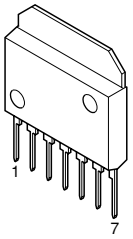
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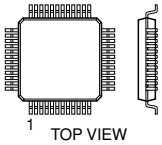
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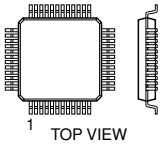


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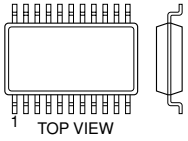
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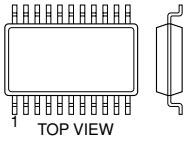
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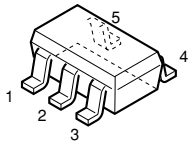
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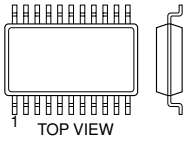


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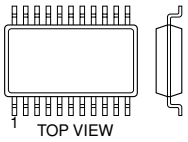


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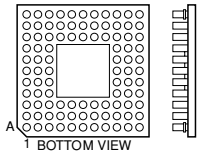
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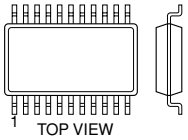
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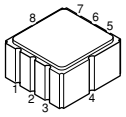
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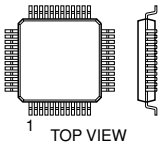


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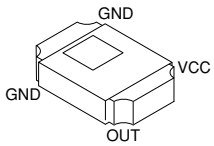


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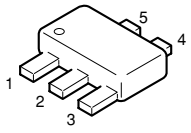


208pin QFP

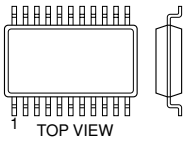
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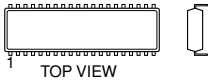


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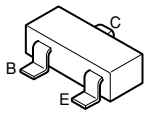
5pin SOP

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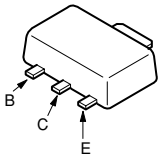


8pin DIP

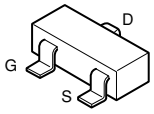
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2SA1162-YG-TE85L
2SA1576A-T106-QR
2SC2712-YG
2SC2712-YG-TE85L
2SC4081-R
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DTC144EUA-T106



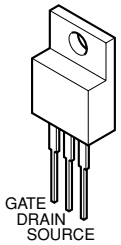
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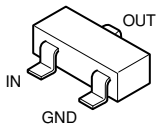
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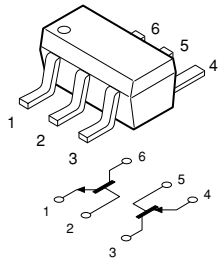
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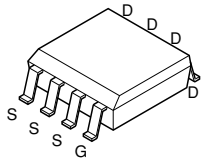
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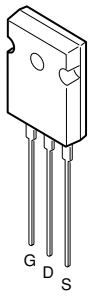
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HN1C01FU-TE85R



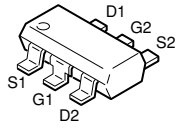
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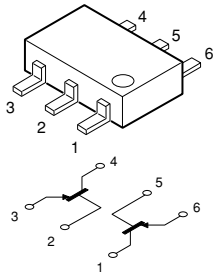
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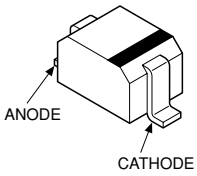
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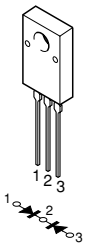
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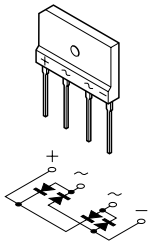
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MA111-TX
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RD3.3SB-T1
RD30SB-T1
RD39SB-T1
RD5.6SB-T1
RD9.1SB2
RD9.1SB2-T1



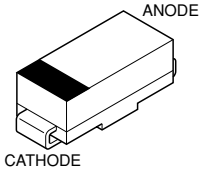
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D10SC6M
D10SC6M(RECTI)



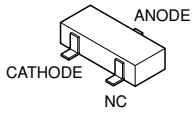
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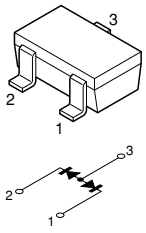
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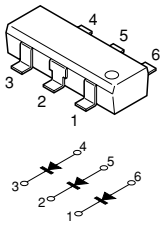
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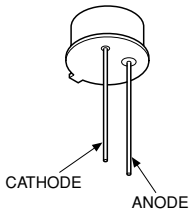
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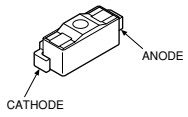
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HN1D03FU-TE85R



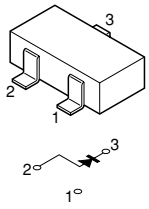
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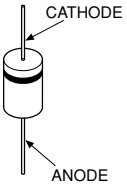
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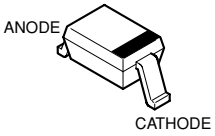
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RD18M-T1B1



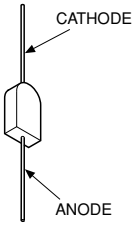
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RD3.9SB
RD3.9SB-T1



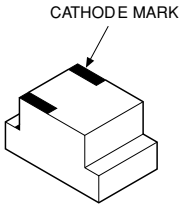
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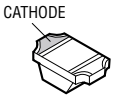
RM11A
RM11C(RECTI)



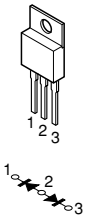
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SEC1901C
SEC2422C



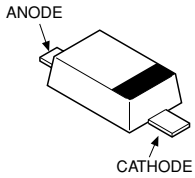
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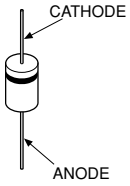
SF10L60U



UDZSTE-1720B



UF4005/23



Section 4
Spare Parts

4-1. Notes on Repair Parts

1. Safety Related Components Warning

WARNING

Components marked ⚠ are critical to safe operation. Therefore, specified parts should be used in the case of replacement.

WARNHINWEIS

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

2. Standardization of Parts

Some repair parts supplied by Sony differ from those used for the unit. These are because of parts commonality and improvement.
Parts List has the present standardized repair parts.

3. Stock of Parts

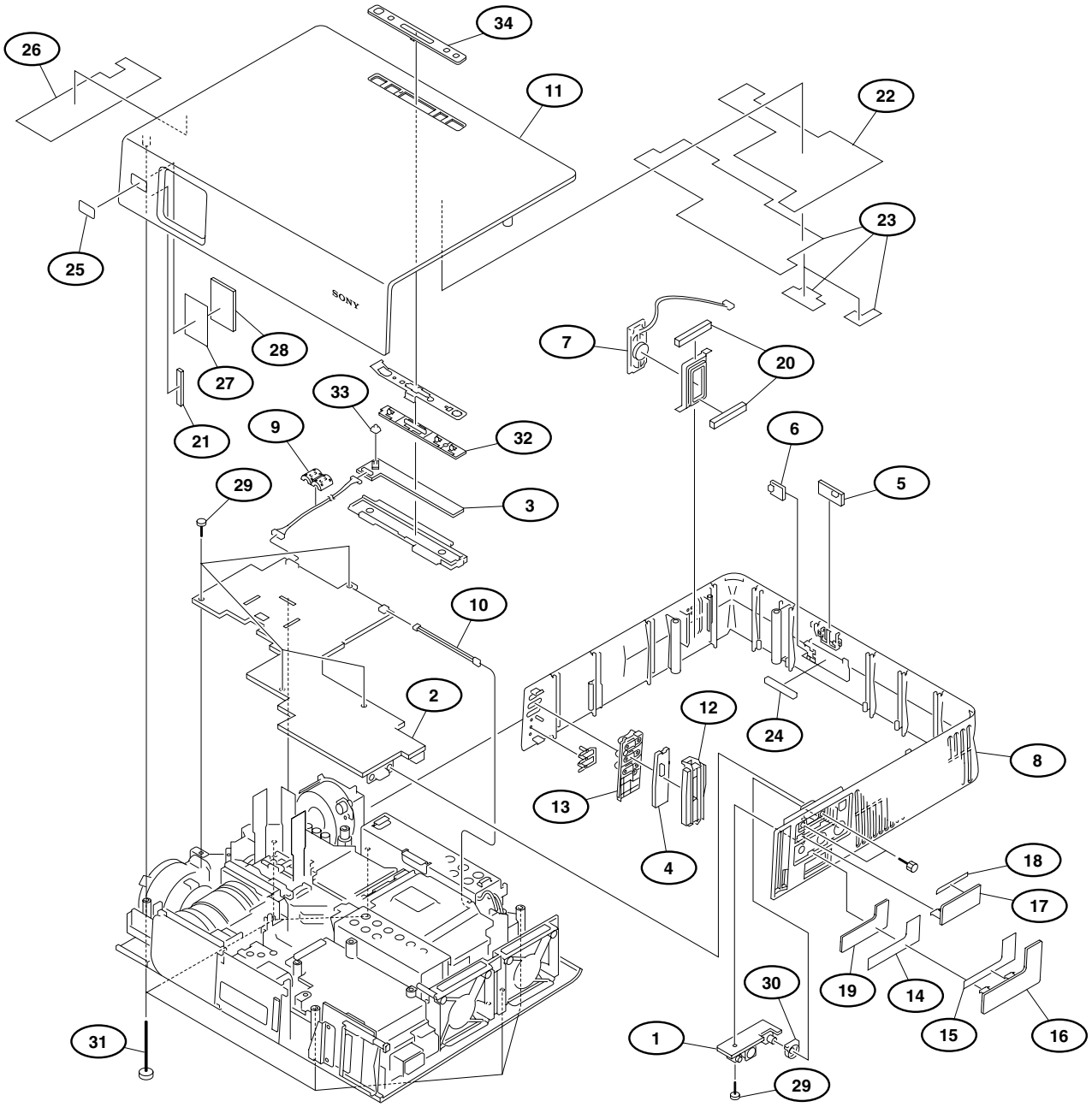
Parts marked with “o” at SP (Supply Code) column of the Spare Parts list may not be stocked. Therefore, the delivery date will be delayed.
Items with no part number and no description are not stocked because they are seldom required for routine service.

4. Units for Capacitors, Inductors and Resistors

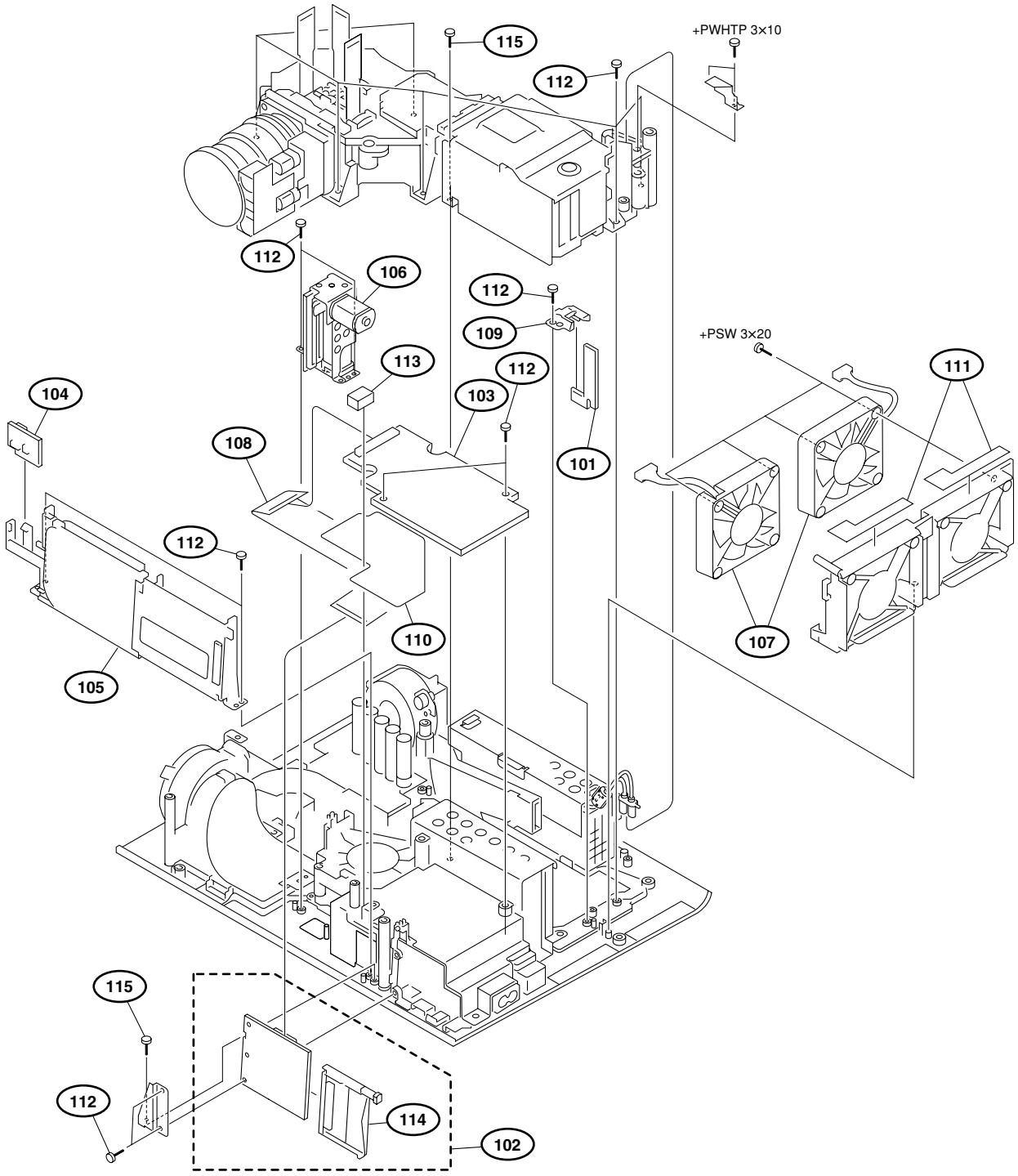
The following units are assumed in Schematic Diagrams, Electrical Parts List and Exploded Views unless otherwise specified.

Capacitors : μF
Inductors : μH
Resistors : Ω

4-2. Exploded Views

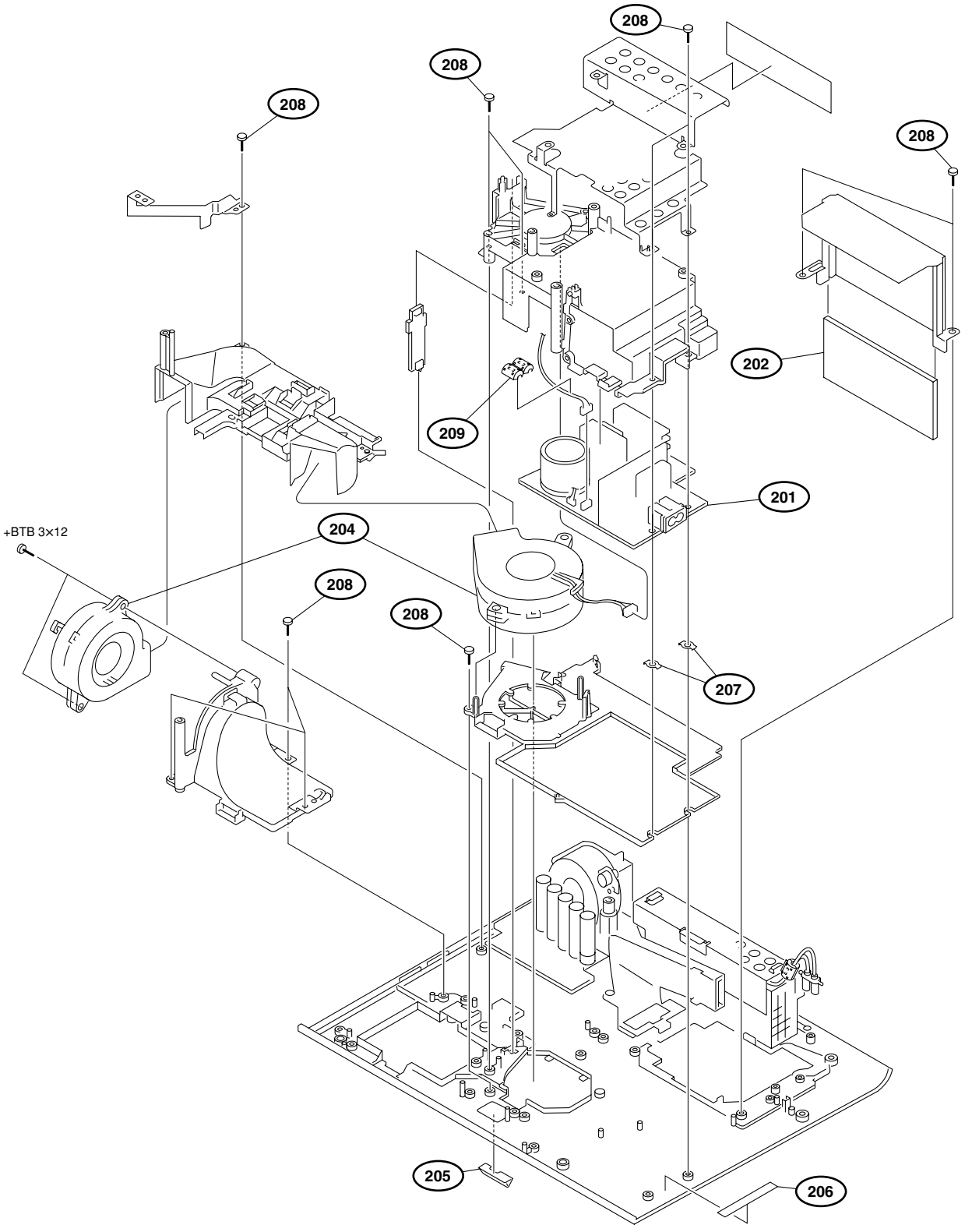


No.	Part No.	SP	Description
1	A-1054-267-A	s	MOUNTED CIRCUIT BOARD, QA
2	A-1117-021-A	s	MOUNTED CIRCUIT BOARD, C
3	A-1117-028-A	s	MOUNTED CIRCUIT BOARD, HA
4	A-1117-029-A	s	MOUNTED CIRCUIT BOARD, HB
5	A-1117-032-A	s	MOUNTED CIRCUIT BOARD, NR
6	A-1117-033-A	s	MOUNTED CIRCUIT BOARD, L
7	A-1603-156-B	s	SPEAKER ASSY
8	⚠ X-2022-734-2	s	PANEL ASSY, SIDE
9	1-500-082-11	s	CLAMP, SLEEVE FERRITE
10	1-910-014-01	s	CONNECTOR ASSY, FUSE
11	⚠ 2-149-288-04	s	PANEL, TOP
12	2-149-305-01	s	HOLDER (HB)
13	2-149-306-01	s	BUTTON (HB)
14	2-149-537-01	s	LABEL (V), CONNECTOR NAME
15	2-149-538-01	s	MAGNET (V)
16	2-149-539-01	s	COVER (V), CONNECTOR
17	2-149-541-01	s	COVER (DS), CONNECTOR
18	2-149-542-01	s	PLATE (DS)
19	2-149-547-01	s	PLATE (V)
20	2-176-092-02	s	CUSHION (SP)
21	2-176-093-02	s	CUSHION (G)
22	2-178-655-01	s	SHEET (TOP)
23	2-178-656-02	s	SHEET (SDN)
24	2-178-907-02	s	CUSHION (HS)
25	2-630-739-01	s	EMBLEM
26	2-581-969-02	s	SHEET (CF)
27	2-583-354-01	s	SHEET (CF (75)), ESD
28	2-583-355-01	s	SHIELD (CF (75))
29	4-382-854-01	s	SCREW, +PSW M3X8 (EP-FE/ZN/CM2)
30	4-074-246-02	o	SLEEVE, VIDEO
31	4-090-087-02	s	SHAFT
32	4-103-394-02	s	KEY (H1A)
33	4-103-395-01	s	KEY (H1B)
34	4-103-402-02	s	BRACKET (H1)

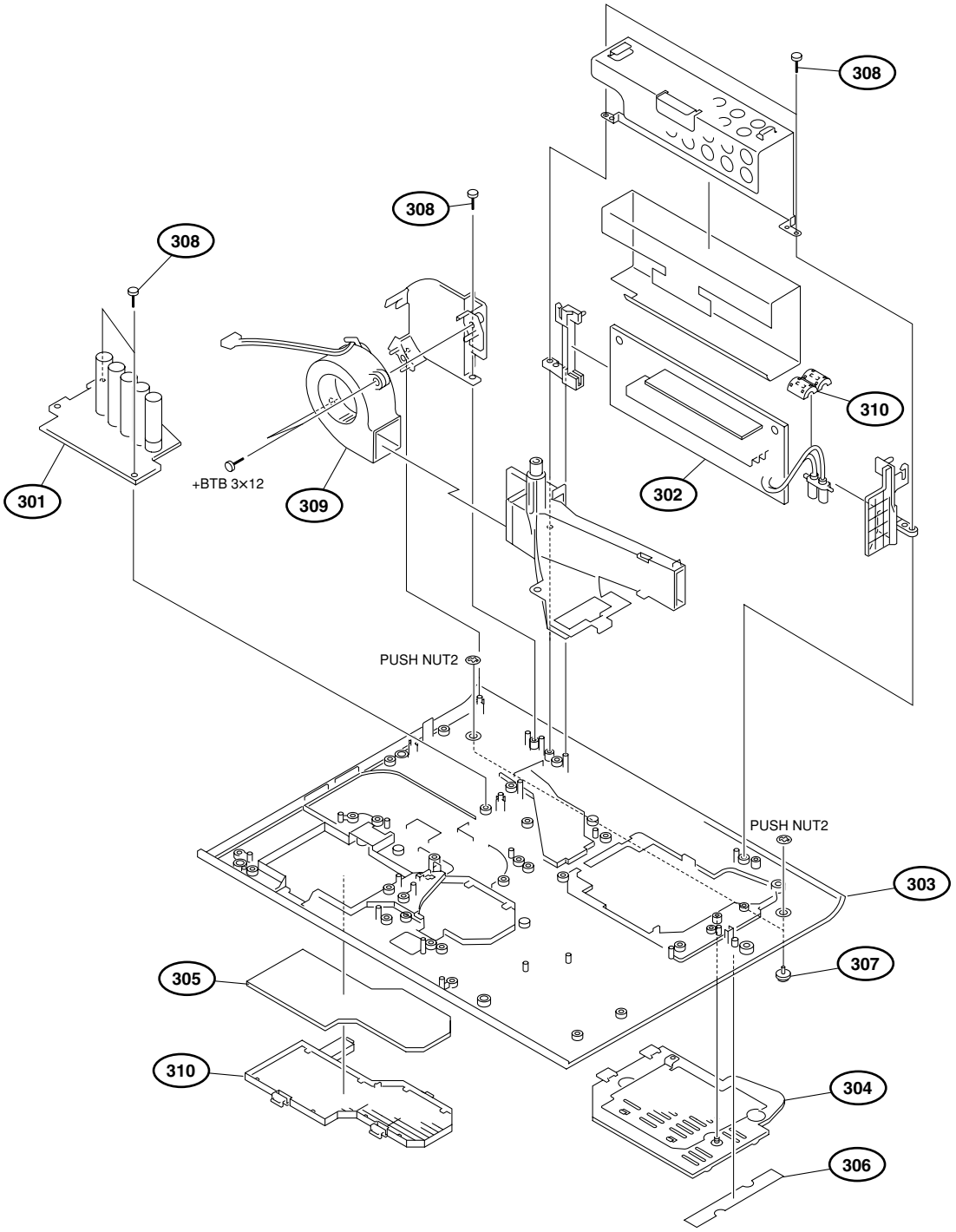


No.	Part No.	SP	Description
101	A-1117-022-A	s	MOUNTED CIRCUIT BOARD, U
102	A-1117-023-A	s	MOUNTED CIRCUIT BOARD, QB
103	A-1117-030-A	s	MOUNTED CIRCUIT BOARD, M
104	A-1117-034-A	s	MOUNTED CIRCUIT BOARD, NF
105	1-479-452-11	s	SHUTTER UNIT
106 ⚠	1-478-806-11	s	UNIT ADJUSTOR
107 ⚠	1-787-093-12	s	D.C. FAN
108	1-910-002-95	s	CONNECTOR ASSY, FLAT 68P
109	2-149-299-02	s	HOLDER (U)
110	2-178-249-01	s	SHEET (FK)
111	2-190-714-01	s	CUSHION (FH)
112	4-382-854-01	s	SCREW, +PSW M3X8 (EP-FE/ZN/CM2)
113	4-090-741-01	s	GASKET
114	2-149-624-01	s	FRAME (CF)
115	2-342-531-01	s	+P SCREW (3X5), EXT TOOTH WASHER
	7-682-953-09	s	SCREW, +PSW 3X20
	7-685-903-31	s	SCREW, +PWHTP 3X10 (EP-FE/ZNBK/C)

Base-1



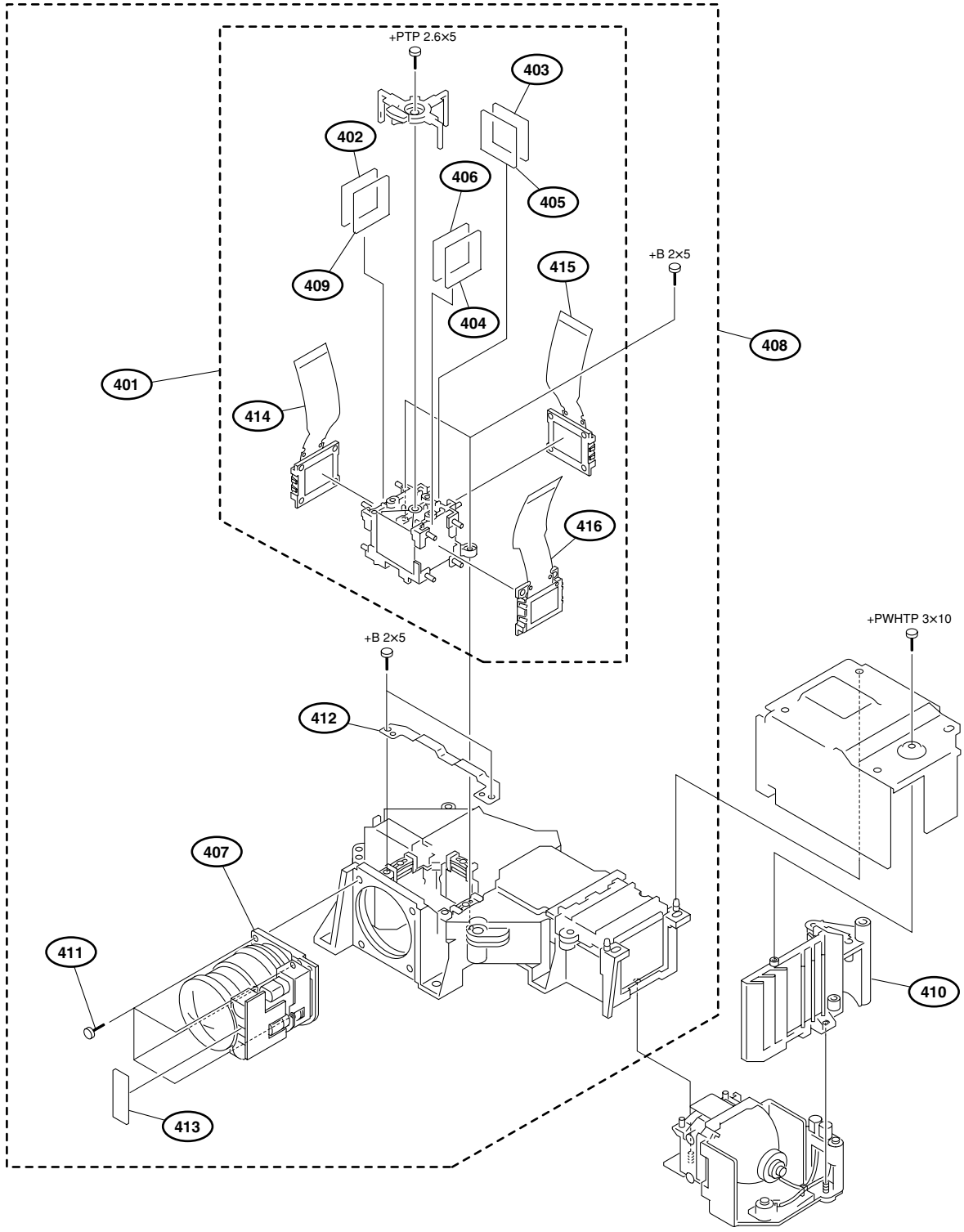
No.	Part No.	SP	Description
201	A-1054-268-C	s	MOUNTED CIRCUIT BOARD, GA
202	A-1054-269-B	s	MOUNTED CIRCUIT BOARD, GB
203	A-1117-024-A	s	MOUNTED CIRCUIT BOARD, V
204 ⚠	1-787-149-11	s	D.C. FAN (SIROCCO)
205	2-149-554-01	s	FOOT, FRONT
206	2-580-582-01	s	GASKET (B)
207	2-349-063-01	s	PLATE, TOOTHED LOCK
208	4-382-854-01	s	SCREW, +PSW M3X8 (EP-FE/ZN/CM2)
209	1-500-082-11	s	CLAMP, SLEEVE FERRITE
	7-685-548-19	s	SCREW, +BTB 3X12 (EP-FE/ZNBK/CM)



No.	Part No.	SP	Description
301	A-1054-270-A	s	MOUNTED CIRCUIT BOARD, GC
302 ⚠	1-478-738-12	s	POWER SUPPLY BLOCK
303 ⚠	2-149-293-03	s	BASE
304 ⚠	2-149-303-01	s	DOOR, LAMP
305	2-149-553-01	s	FILTER (CH)

No.	Part No.	SP	Description
306	2-149-557-03	s	SHEET (FAN)
307	4-096-057-01	s	FOOT REAR, ADJ
308	4-382-854-01	s	SCREW, +PSW M3X8 (EP-FE/ZN/CM2)
309 ⚠	1-787-149-11	s	D.C. FAN (SIROCCO)
310	2-149-301-01	s	COVER, FILTER
	7-624-200-11	s	NUT, PUSH 2
	7-685-548-19	s	SCREW, +BTB 3X12 (EP-FE/ZNBK/CM)

Optics-1



No.	Part No.	SP	Description
401	A-1054-755-A	s	S PRISM BLOCK ASSY
402	A-1054-761-A	s	S PANEL (R) ASSY, POLARIZATION
403	A-1054-762-A	s	S PANEL (G) ASSY, POLARIZATION
404	A-1054-763-A	s	S PANEL (B) ASSY, POLARIZATION
405	A-1054-765-A	s	S PANEL (G) ASSY, POLARIZATION
406	A-1054-766-A	s	S PANEL (B) ASSY, POLARIZATION
407	A-1076-806-A	s	LENS ASSY (SVC)
408	A-1078-805-A	s	OPT UNIT ASSY
409	A-1132-472-A	s	S OUT-POLARIZER (R) ASSY2
410	2-149-574-04	s	SHIELD, LAMP

No.	Part No.	SP	Description
411	4-382-854-11	s	SCREW, +PSW M3X10
412	4-103-519-01	s	HOLDER, PRISM BLOCK
413	4-092-319-01	s	CUSHION (HDL)
	7-621-771-06	s	SCREW, +B 2X5
	7-685-132-19	s	SCREW, +PTP 2.6X5
	7-685-903-31	s	SCREW, +PWHTP 3X10
414			Refer to “Note on Replacing the LCD” on page 4-7.
415			
416			

Note on Replacing the LCD

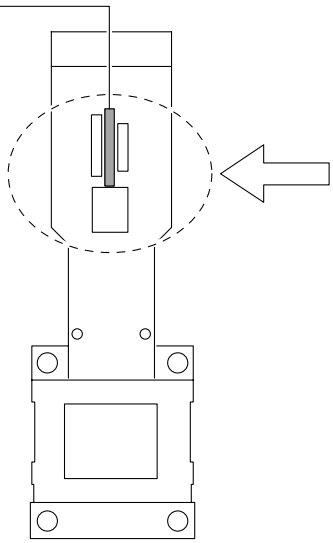
The has two combinations when replacing the LCD.
When replacing the LCD, be sure to maintain the following combination.

Combination ①

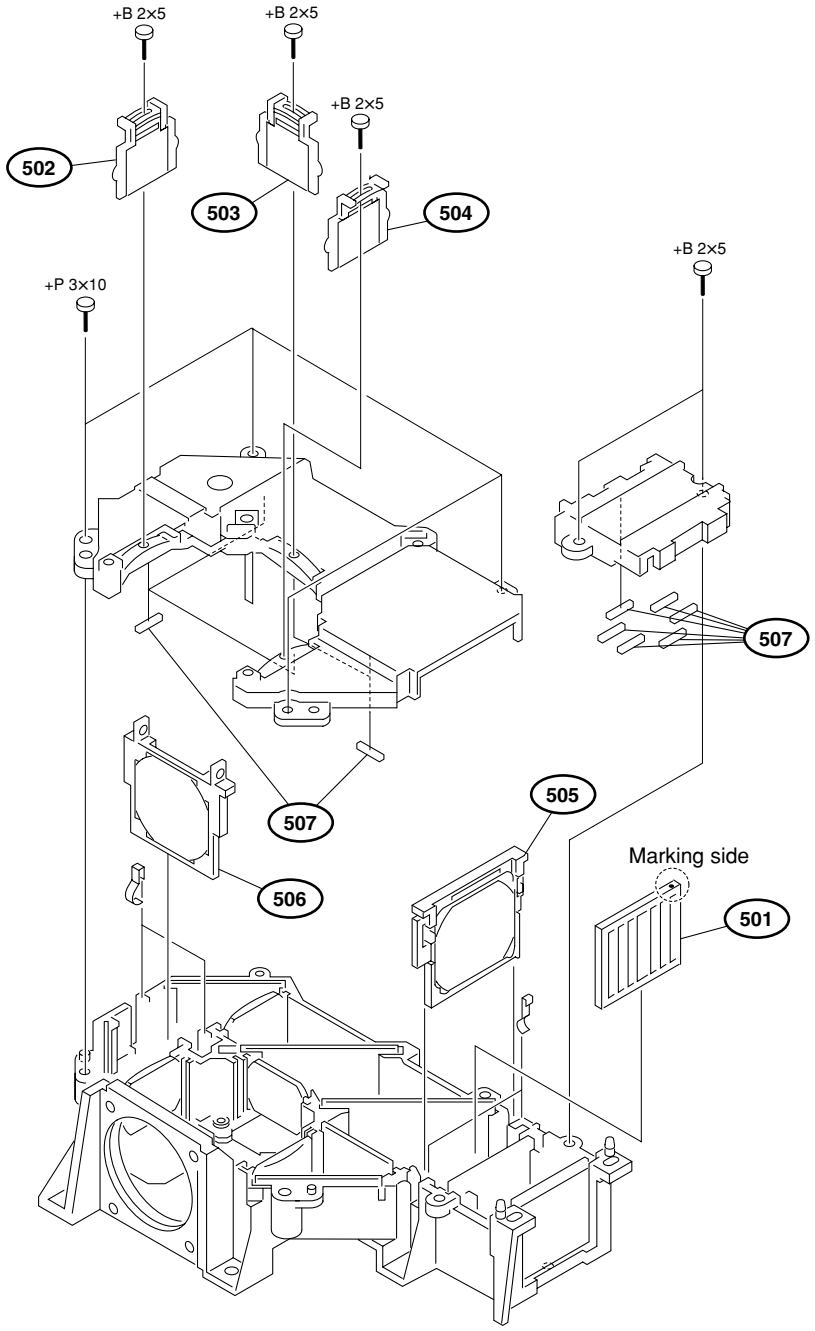
414	R	8-753-038-62	s	LCX063AXC-2
415	G	8-753-038-69	s	LCX063AYC-3
416	B	8-753-038-61	s	LCX063AXC-1

Combination ②

414	R	8-753-038-68	s	LCX063A YC-2
415	G	8-753-038-63	s	LCX063A XC-3
416	B	8-753-038-67	s	LCX063A YC-1



Check the combination of the part numbers to the left by looking at this part of the LCD.



No.	Part No.	SP	Description
501	A-1054-757-A	s	PS ASSY
502	A-1054-758-A	s S	PANEL (R) ASSY, POLARIZATION
503	A-1128-670-A	s S	IN-POLARIZER (G) ASSY2
504	A-1054-760-A	s S	PANEL (B) ASSY, POLARIZATION
505	A-1076-121-A	s	MAIN CON ASSY (SVC)
506	A-1076-122-A	s	2ND RELAY ASSY (SVC)
507	4-099-077-01	s	CUSHION (S)
	7-621-771-06	s	SCREW, +B 2X5
	7-685-147-21	s	SCREW, +P 3X10 TYPE2 SLIT

4-3. Electrical Parts List

C BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1117-021-A	s	MOUNTED CIRCUIT BOARD, C
1pc	2-187-695-01	s	GASKET (USB)
C100	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C101	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C102	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C103	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C104	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C105	1-126-205-11	s	CAPACITOR,ELECT 47MF/6.3
C108	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C109	1-126-205-11	s	CAPACITOR,ELECT 47MF/6.3
C110	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C111	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C112	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C113	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C114	1-126-205-11	s	CAPACITOR,ELECT 47MF/6.3
C116	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C117	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C118	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C119	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C120	1-131-998-11	s	CAP, SOLID ELECT 82MF 6.3 V
C121	1-131-998-11	s	CAP, SOLID ELECT 82MF 6.3 V
C122	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C123	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C200	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C201	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C202	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C203	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C204	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C205	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C206	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C207	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C208	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C209	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C210	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C213	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C214	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C215	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C216	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C217	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C218	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C221	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C222	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C225	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C226	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C227	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C228	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C229	1-164-850-11	s	CAPACITOR,CHIP CERAMIC 10PF/50
C230	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C231	1-164-850-11	s	CAPACITOR,CHIP CERAMIC 10PF/50
C232	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C233	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C236	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C239	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C246	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C256	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C258	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C301	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C302	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V

(C BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C303	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C304	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C305	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C306	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C307	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C308	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C309	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C310	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C311	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C312	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C313	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C314	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C315	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C316	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C317	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C318	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C319	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C320	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C321	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C322	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C400	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C401	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C402	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C403	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C404	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C405	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C406	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C407	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C408	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C409	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C410	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C411	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C412	1-164-882-11	s	CAPACITOR,CERAMIC 220PF/16V CH
C413	1-165-908-11	s	CAP, CERAMIC 1MF B 1608
C500	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C501	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C502	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C503	1-117-720-11	s	CAPACITOR, CERAMIC 4.7MF/10V F
C504	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C505	1-126-205-11	s	CAPACITOR,ELECT 47MF/6.3
C506	1-126-205-11	s	CAPACITOR,ELECT 47MF/6.3
C507	1-126-205-11	s	CAPACITOR,ELECT 47MF/6.3
C508	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C509	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C540	1-164-939-11	s	CAPACITOR,CHIP CERAMIC 2200PF
C541	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C600	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C601	1-126-205-11	s	CAPACITOR,ELECT 47MF/6.3
C602	1-117-720-11	s	CAPACITOR, CERAMIC 4.7MF/10V F
C603	1-117-720-11	s	CAPACITOR, CERAMIC 4.7MF/10V F
C604	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C605	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C606	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C607	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C608	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C609	1-117-720-11	s	CAPACITOR, CERAMIC 4.7MF/10V F
C610	1-164-937-11	s	CAPACITOR,CHIP CERAMIC 1000PF
C611	1-126-205-11	s	CAPACITOR,ELECT 47MF/6.3
C612	1-125-891-11	s	CAPACITOR CERAMIC 0.47MF/10V

(C BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C613	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C614	1-137-987-81	s	CAPACITOR,C.CERAMIC 0.068MF
C615	1-117-720-11	s	CAPACITOR, CERAMIC 4.7MF/10V F
C616	1-117-720-11	s	CAPACITOR, CERAMIC 4.7MF/10V F
C617	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C618	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C619	1-115-467-11	s	CAPACITOR CERAMIC 0.22MF/10V B
C620	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C621	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C622	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C623	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C624	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C625	1-164-882-11	s	CAPACITOR,CERAMIC 220PF/16V CH
C626	1-165-908-11	s	CAP, CERAMIC 1MF B 1608
C627	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C628	1-165-908-11	s	CAP, CERAMIC 1MF B 1608
C629	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C630	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C631	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C635	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C636	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C700	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C701	1-115-467-11	s	CAPACITOR CERAMIC 0.22MF/10V B
C702	1-115-467-11	s	CAPACITOR CERAMIC 0.22MF/10V B
C704	1-115-467-11	s	CAPACITOR CERAMIC 0.22MF/10V B
C705	1-126-205-11	s	CAPACITOR,ELECT 47MF/6.3
C706	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C709	1-126-205-11	s	CAPACITOR,ELECT 47MF/6.3
C711	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C712	1-164-937-11	s	CAPACITOR,CHIP CERAMIC 1000PF
C714	1-135-995-91	s	CAP,CHIP CERAMIC39000PF B 1608
C715	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C716	1-117-446-11	s	CAPACITOR CERAMIC 3900PF 16V
C717	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C719	1-119-923-11	s	CAPACITOR,CHIP CERAMIC 0.047MF
C720	1-126-205-11	s	CAPACITOR,ELECT 47MF/6.3
C724	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C727	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C728	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C729	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C730	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C731	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C732	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C735	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C736	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C737	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C738	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C739	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C740	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C741	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C744	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C746	1-126-205-11	s	CAPACITOR,ELECT 47MF/6.3
C748	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C750	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C751	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C753	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C754	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C759	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C760	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V

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Ref. No. or Q'ty	Part No.	SP	Description
C761	1-164-854-11	s	CAPACITOR,CHIP CERAMIC 15PF/50
C762	1-164-854-11	s	CAPACITOR,CHIP CERAMIC 15PF/50
C763	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C764	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C765	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C766	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C767	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C768	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C769	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C770	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C771	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C772	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C775	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C776	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C779	1-126-205-11	s	CAPACITOR,ELECT 47MF/6.3
C781	1-126-205-11	s	CAPACITOR,ELECT 47MF/6.3
C783	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C784	1-126-205-11	s	CAPACITOR,ELECT 47MF/6.3
C787	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C800	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C801	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C802	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C803	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C804	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C805	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C806	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C807	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C808	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C809	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C810	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C811	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C812	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C813	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C814	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C815	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C816	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C817	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C818	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C819	1-126-205-11	s	CAPACITOR,ELECT 47MF/6.3
C820	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C821	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C822	1-126-205-11	s	CAPACITOR,ELECT 47MF/6.3
C823	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C824	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C825	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C826	1-164-852-11	s	CAPACITOR,CHIP CERAMIC 12PF/50
C827	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C829	1-164-852-11	s	CAPACITOR,CHIP CERAMIC 12PF/50
C830	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C831	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C832	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C833	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C834	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C835	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C836	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C837	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C838	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C839	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C840	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V

(C BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C841	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C842	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C843	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C844	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C845	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C846	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C847	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C848	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C849	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C850	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C851	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C852	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C853	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C854	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C855	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C856	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C900	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C901	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C902	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C903	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C904	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C905	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C906	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C907	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C909	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C910	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C911	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C912	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C913	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C914	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C915	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C916	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C917	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C918	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C919	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C920	1-126-205-11	s	CAPACITOR,ELECT 47MF/6.3
C921	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C922	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C923	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C924	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C925	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C926	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C927	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C928	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C929	1-126-205-11	s	CAPACITOR,ELECT 47MF/6.3
C930	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C931	1-126-205-11	s	CAPACITOR,ELECT 47MF/6.3
C932	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C933	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C934	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C935	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C936	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C937	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C938	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C939	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C940	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C941	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1000	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1001	1-128-992-11	s	CAPACITOR ELECT 47MF 25V

(C BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C1002	1-126-205-11	s	CAPACITOR,ELECT 47MF/6.3
C1003	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1004	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1005	1-164-874-11	s	CAPACITOR,CHIP CERAMIC 100PF
C1006	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C1007	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1008	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1009	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C1010	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1011	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1012	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C1013	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1014	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C1015	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1016	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1017	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C1018	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1019	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1020	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1100	1-126-205-11	s	CAPACITOR,ELECT 47MF/6.3
C1101	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1102	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1103	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C1104	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1105	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C1106	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1107	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1108	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C1109	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1110	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1111	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1112	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C1113	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1200	1-126-205-11	s	CAPACITOR,ELECT 47MF/6.3
C1201	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1202	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1203	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C1204	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1205	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C1206	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1207	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1208	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C1209	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1210	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1211	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C1212	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1213	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1214	1-164-842-11	s	CAPACITOR CERAMIC 2PF/16V 1005
C1215	1-164-842-11	s	CAPACITOR CERAMIC 2PF/16V 1005
C1300	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1304	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1306	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1307	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1308	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C1309	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1310	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1311	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C1313	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1314	1-164-934-11	s	CAPACITOR,CERAMIC 330PF/50V B

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Ref. No. or Q'ty	Part No.	SP	Description
C1315	1-164-934-11	s	CAPACITOR,CERAMIC 330PF/50V B
C1400	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1401	1-126-205-11	s	CAPACITOR,ELECT 47MF/6.3
C1402	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1403	1-126-205-11	s	CAPACITOR,ELECT 47MF/6.3
C1404	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1405	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1406	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1407	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C1408	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C1409	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C1410	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C1411	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C1412	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
CN100	1-770-624-21	s	PIN, CONNECTOR 7P
CN101	1-770-625-21	s	PIN, CONNECTOR 8P
CN102	1-770-623-21	s	PIN, CONNECTOR 6P
CN103	1-580-789-22	o	PIN, CONNECTOR (SMD) 6P
CN104	1-770-625-21	s	PIN, CONNECTOR 8P
CN105	1-770-621-21	s	PIN, CONNECTOR 4P
CN106	1-764-643-21	o	PIN, CONNECTOR (SMD) 11P
CN107	1-770-622-21	s	PIN, CONNECTOR 5P
CN108	1-580-055-21	s	PIN, CONNECTOR 2P
CN109	1-770-623-21	s	PIN, CONNECTOR 6P
CN200	1-778-965-21	s	PIN, CONNECTOR (PC BOARD) 12P
CN300	1-770-625-21	s	PIN, CONNECTOR 8P
CN301	1-770-622-21	s	PIN, CONNECTOR 5P
CN302	1-770-624-21	s	PIN, CONNECTOR 7P
CN400	1-580-055-21	o	PIN, CONNECTOR 2P
CN500	1-784-828-11	s	CONNECTOR, D SUB
CN502	1-770-626-21	s	PIN, CONNECTOR (L TYPE) 9P
CN900	1-779-884-11	s	PLUG, CONNECTOR 4P
CN1000	1-794-823-11	s	CONNECTOR (ZIF), FPC/FFC 32P
CN1100	1-794-823-11	s	CONNECTOR (ZIF), FPC/FFC 32P
CN1200	1-794-823-11	s	CONNECTOR (ZIF), FPC/FFC 32P
CN1300	1-785-306-21	o	CONNECTOR, BOARD TO BOARD
CN1302	1-784-010-11	s	CONNECTOR, USB (B)
CN1400	1-695-223-21	o	PIN,CONNECTOR (SMD) 10P
CN1401	1-580-056-21	s	PIN,CONNECTOR 3P
CN1402	1-580-056-21	s	PIN,CONNECTOR 3P
CN1403	1-580-056-21	s	PIN,CONNECTOR 3P
CN1405	1-580-056-21	s	PIN,CONNECTOR 3P
D100	8-719-157-94	s	DIODE RD3.3SB
D101	8-719-036-94	s	DIODE RD5.6SB-T1
D102	8-719-036-94	s	DIODE RD5.6SB-T1
D103	8-719-036-94	s	DIODE RD5.6SB-T1
D200	8-719-157-94	s	DIODE RD3.3SB
D201	8-719-059-53	s	DIODE MA3J14700LSO
D202	8-719-157-94	s	DIODE RD3.3SB
D203	8-719-055-30	s	DIODE D1FS4A-TA
D204	8-719-055-30	s	DIODE D1FS4A-TA
D205	8-719-024-77	s	DIODE HN1D03FU-TE85L
D300	8-719-036-94	s	DIODE RD5.6SB-T1
D301	8-719-036-94	s	DIODE RD5.6SB-T1
D302	8-719-036-94	s	DIODE RD5.6SB-T1
D303	8-719-036-94	s	DIODE RD5.6SB-T1
D304	8-719-036-94	s	DIODE RD5.6SB-T1
D305	8-719-036-94	s	DIODE RD5.6SB-T1

(C BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
D306	8-719-157-94	s	DIODE RD3.3SB
D307	8-719-988-61	s	DIODE 1SS355TE-17
D308	8-719-988-61	s	DIODE 1SS355TE-17
D309	8-719-988-61	s	DIODE 1SS355TE-17
D501	8-719-059-53	s	DIODE MA3J14700LSO
D502	8-719-059-53	s	DIODE MA3J14700LSO
D503	8-719-059-53	s	DIODE MA3J14700LSO
D504	8-719-024-77	s	DIODE HN1D03FU-TE85L
D505	8-719-941-86	s	DIODE DAN202U
D506	8-719-036-94	s	DIODE RD5.6SB-T1
D507	8-719-036-94	s	DIODE RD5.6SB-T1
D514	6-500-331-01	s	DIODE RD3.9UM-T1B
D600	8-719-988-61	s	DIODE 1SS355TE-17
D601	8-719-988-61	s	DIODE 1SS355TE-17
D1303	8-719-036-94	s	DIODE RD5.6SB-T1
D1304	8-719-988-61	s	DIODE 1SS355TE-17
D1305	8-719-058-24	s	DIODE RB501V-40TE17
D1400	8-719-988-61	s	DIODE 1SS355TE-17
D1401	8-719-988-61	s	DIODE 1SS355TE-17
D1402	8-719-988-61	s	DIODE 1SS355TE-17
D1403	8-719-988-61	s	DIODE 1SS355TE-17
D1404	8-719-055-30	s	DIODE D1FS4A-TA
D1405	8-719-055-30	s	DIODE D1FS4A-TA
D1406	8-719-055-30	s	DIODE D1FS4A-TA
D1407	8-719-055-30	s	DIODE D1FS4A-TA
D1408	8-719-941-86	s	DIODE DAN202U
D1409	8-719-941-86	s	DIODE DAN202U
D1410	8-719-941-86	s	DIODE DAN202U
D1411	8-719-055-30	s	DIODE D1FS4A-TA
D1412	8-719-055-30	s	DIODE D1FS4A-TA
FB100	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB101	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB102	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB103	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB104	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB105	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB106	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB107	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB108	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB109	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB110	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB111	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB112	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB113	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB114	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB116	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB117	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB118	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB119	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB120	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB121	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB122	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB123	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB124	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB125	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB126	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB400	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB401	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB402	1-414-921-11	s	INDUCTOR, FERRITE BEAD

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Ref. No. or Q'ty	Part No.	SP	Description
FB700	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB701	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB702	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB703	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB800	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB801	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB802	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB803	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB804	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB900	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB901	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1300	1-469-185-11	s	INDUCTOR, FERRITE BEAD
FB1301	1-469-185-11	s	INDUCTOR, FERRITE BEAD
FB1306	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1307	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1308	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1400	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB1401	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FL900	1-234-494-21	s	FILTER, EMI REMOVAL (SMD)
FL901	1-234-494-21	s	FILTER, EMI REMOVAL (SMD)
FL902	1-234-494-21	s	FILTER, EMI REMOVAL (SMD)
IC101	6-704-953-01	s	IC AIC1117A-33PYJTR
IC102	6-708-382-01	s	IC AIC1086-50PYJTR
IC103	8-759-681-47	s	IC IRMF-A0T-QTP
IC104	6-704-954-01	s	IC AIC1117A-50PYJTR
IC200	8-759-471-89	s	IC 74VHC02MTCX
IC201	8-759-475-43	s	IC TC74LCX125FT(EL)
IC202	6-703-225-01	s	IC S-80928CNMC-G8YT2G
IC300	8-759-491-48	s	IC TC74VHCT138AFT(EL)
IC301	8-759-460-79	s	IC BA09FP-E2
IC302	8-759-598-43	s	IC TC7WH04FK(TE85R)
IC303	8-759-460-79	s	IC BA09FP-E2
IC304	8-752-072-81	s	IC CXA1875AM
IC305	8-759-580-33	s	IC BA6288FS-E2
IC306	8-759-831-52	s	IC TC7WH125FK(TE85R)
IC307	8-759-575-16	s	IC LMC7101BIM5X
IC308	8-759-565-65	s	IC BA6289F-E2
IC400	8-759-352-94	s	IC TDA7309D013TR
IC401	6-702-697-01	s	IC TPA2001D1PWR
IC500	8-759-661-55	s	IC ST24FC21M6TR
IC501	8-759-833-99	s	IC MC74HC4052ADTR2
IC600	6-704-954-01	s	IC AIC1117A-50PYJTR
IC601	8-759-646-02	s	IC M52347FP-TE
IC602	8-752-108-35	s	IC CXA2171AQ
IC604	8-759-548-95	s	IC SN74LV00APWR
IC605	8-759-549-14	s	IC SN74LV244APWR
IC700	6-704-958-01	s	IC AIC1117A-18PYJTR
IC701	6-706-008-01	s	IC PW2210B-20L
IC702	6-703-225-01	s	IC S-80928CNMC-G8YT2G
IC703	6-704-953-01	s	IC AIC1117A-33PYJTR
IC801	6-703-225-01	s	IC S-80928CNMC-G8YT2G
IC802	6-705-986-01	s	IC CY25033SXC-1T
IC805	6-704-030-01	s	IC TC7SA04FU(TE85R)
IC806	6-702-301-01	s	IC TK11125CSCL-G
IC807	6-704-952-01	s	IC AIC1084-PEJTR
IC900	8-752-424-18	s	IC CXD3536R
IC901	6-703-225-01	s	IC S-80928CNMC-G8YT2G
IC902	6-703-225-01	s	IC S-80928CNMC-G8YT2G

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Ref. No. or Q'ty	Part No.	SP	Description
IC903	8-759-693-83	s	IC HN58X24256FPIZ
IC904	8-759-679-58	s	IC SN74AHCT541PWR
IC905	8-759-679-58	s	IC SN74AHCT541PWR
IC906	8-759-679-58	s	IC SN74AHCT541PWR
IC907	8-759-490-43	s	IC TC74VHCT540AFT(EL)
IC908	8-759-831-52	s	IC TC7WH125FK(TE85R)
IC1000	6-708-254-01	s	IC BA00CC0WFP
IC1001	8-759-679-05	s	IC TC7WH34FU(TE12R)
IC1002	8-752-110-22	s	IC CXA7005R-T4
IC1003	6-707-208-01	s	TK11100CSCB-G
IC1100	8-752-110-22	s	IC CXA7005R-T4
IC1200	8-752-110-22	s	IC CXA7005R-T4
IC1300	8-759-596-39	s	IC SN74LV4052APWR
IC1301	6-700-658-01	s	IC SN75240PWR
IC1302	8-759-649-33	s	IC SN74AHCT1G08DCKR
IC1303	6-804-220-01	s	IC SN-USBRCV1
IC1305	6-702-912-01	s	IC S-80942CNMC-G9C-T2
IC1400	6-704-958-01	s	IC AIC1117A-18PYJTR
IC1401	6-708-254-01	s	IC BA00CC0WFP
IC1402	6-708-254-01	s	IC BA00CC0WFP
IC1403	6-708-254-01	s	IC BA00CC0WFP
IC1404	6-708-254-01	s	IC BA00CC0WFP
IC1405	6-702-593-01	s	IC BA10358FV-E2
IC1406	6-702-593-01	s	IC BA10358FV-E2
L101	1-409-527-41	s	COIL, CHOKE 4.7UH
L400	1-469-522-11	s	INDUCTOR 1.0UH (NLFV25)
L401	1-469-522-11	s	INDUCTOR 1.0UH (NLFV25)
L600	1-469-522-11	s	INDUCTOR 1.0UH (NLFV25)
L601	1-469-522-11	s	INDUCTOR 1.0UH (NLFV25)
L700	1-469-522-11	s	INDUCTOR 1.0UH (NLFV25)
L701	1-469-522-11	s	INDUCTOR 1.0UH (NLFV25)
L702	1-469-522-11	s	INDUCTOR 1.0UH (NLFV25)
L703	1-469-522-11	s	INDUCTOR 1.0UH (NLFV25)
L704	1-469-522-11	s	INDUCTOR 1.0UH (NLFV25)
L800	1-469-522-11	s	INDUCTOR 1.0UH (NLFV25)
L900	1-469-522-11	s	INDUCTOR 1.0UH (NLFV25)
L1000	1-469-522-11	s	INDUCTOR 1.0UH (NLFV25)
L1001	1-469-522-11	s	INDUCTOR 1.0UH (NLFV25)
L1002	1-469-522-11	s	INDUCTOR 1.0UH (NLFV25)
L1100	1-469-522-11	s	INDUCTOR 1.0UH (NLFV25)
L1101	1-469-522-11	s	INDUCTOR 1.0UH (NLFV25)
L1102	1-469-522-11	s	INDUCTOR 1.0UH (NLFV25)
L1200	1-469-522-11	s	INDUCTOR 1.0UH (NLFV25)
L1201	1-469-522-11	s	INDUCTOR 1.0UH (NLFV25)
L1202	1-469-522-11	s	INDUCTOR 1.0UH (NLFV25)
Q100	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q101	8-729-427-72	s	TRANSISTOR XP4501-TXE
Q102	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q200	6-550-014-01	s	TRANSISTOR SSM6N15FU(TE85R)
Q201	6-550-014-01	s	TRANSISTOR SSM6N15FU(TE85R)
Q202	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q203	6-550-014-01	s	TRANSISTOR SSM6N15FU(TE85R)
Q300	8-729-028-96	s	TRANSISTOR DTC114EUA-T106
Q400	8-729-028-96	s	TRANSISTOR DTC114EUA-T106
Q500	8-729-028-96	s	TRANSISTOR DTC114EUA-T106
Q501	8-729-028-96	s	TRANSISTOR DTC114EUA-T106
Q600	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q601	8-729-905-35	s	TRANSISTOR 2SC4081-R

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Ref. No. or Q'ty	Part No.	SP	Description
Q602	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q603	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q604	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q605	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q606	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q607	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q608	8-729-028-96	s	TRANSISTOR DTC114EUA-T106
Q609	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q900	8-729-905-35	s	TRANSISTOR 2SC4081-R
Q901	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q1000	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q1001	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q1100	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q1101	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q1200	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q1201	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q1300	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q1400	8-729-028-96	s	TRANSISTOR DTC114EUA-T106
Q1401	8-729-028-96	s	TRANSISTOR DTC114EUA-T106
Q1402	8-729-028-73	s	TRANSISTOR DTA114EUA-T106
Q1403	8-729-028-96	s	TRANSISTOR DTC114EUA-T106
Q1404	8-729-028-96	s	TRANSISTOR DTC114EUA-T106
Q1405	8-729-028-96	s	TRANSISTOR DTC114EUA-T106
R100	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R101	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R102	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R103	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R104	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R105	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R106	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R107	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R108	1-218-962-11	s	RESISTOR,CHIP 5.6K 1/16W(1005)
R109	1-208-671-11	s	RESISTOR CHIP 330 1/16W (1005)
R110	1-208-671-11	s	RESISTOR CHIP 330 1/16W (1005)
R111	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R112	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R115	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R117	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R118	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R119	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R120	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R121	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R122	1-218-937-11	s	RESISTOR, CHIP 47
R123	1-218-937-11	s	RESISTOR, CHIP 47
R126	1-218-446-11	s	RESISTOR,CHIP 1 (1608)
R127	1-218-446-11	s	RESISTOR,CHIP 1 (1608)
R200	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R201	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R202	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R203	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R204	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R205	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R206	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R207	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R208	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R209	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R211	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R212	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R213	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R214	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R215	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R216	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R217	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R218	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R219	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R220	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R222	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R223	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R224	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R225	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R226	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R229	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R230	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R231	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R232	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R234	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R235	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R236	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R237	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R238	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R239	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1005)
R240	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1005)
R241	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R243	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R245	1-218-929-11	s	RESISTOR,CHIP 10 1/16W (1005)
R246	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R247	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R248	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R249	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R251	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R252	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R254	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R256	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R258	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R259	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R260	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R261	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R262	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R264	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R266	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R270	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R271	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R280	1-208-719-11	s	RESISTOR CHIP 33K 1/16W (1005)
R281	1-208-719-11	s	RESISTOR CHIP 33K 1/16W (1005)
R283	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R284	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R285	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R286	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R287	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R288	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R289	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R290	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R291	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R293	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R295	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R300	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R302	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W

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Ref. No. or Q'ty	Part No.	SP	Description
R303	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R304	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R305	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R306	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R307	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R308	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R309	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R310	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R311	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R312	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R313	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R314	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R316	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R319	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R324	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R325	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R361	1-208-703-11	s	RESISTOR,CHIP 6.8K 1/16W(1005)
R362	1-208-715-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R400	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R401	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R402	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R403	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R404	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R405	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R406	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R407	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R409	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R410	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R412	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R413	1-218-978-11	s	RESISTOR,CHIP 120K 1/16W(1005)
R500	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R503	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R504	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R505	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R506	1-218-823-11	s	RESISTOR,CHIP 100 1/10W (1608)
R507	1-218-827-11	s	RESISTOR,CHIP 150 1/10W (1608)
R508	1-218-827-11	s	RESISTOR,CHIP 150 1/10W (1608)
R509	1-218-827-11	s	RESISTOR,CHIP 150 1/10W (1608)
R510	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R511	1-216-811-11	s	RESISTOR, CHIP 150 1/10W(1608)
R512	1-218-827-11	s	RESISTOR,CHIP 150 1/10W (1608)
R513	1-218-827-11	s	RESISTOR,CHIP 150 1/10W (1608)
R514	1-218-827-11	s	RESISTOR,CHIP 150 1/10W (1608)
R515	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R516	1-218-937-11	s	RESISTOR, CHIP 47
R517	1-218-823-11	s	RESISTOR,CHIP 100 1/10W (1608)
R518	1-216-811-11	s	RESISTOR, CHIP 150 1/10W(1608)
R519	1-218-937-11	s	RESISTOR, CHIP 47
R520	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R521	1-218-823-11	s	RESISTOR,CHIP 100 1/10W (1608)
R522	1-216-811-11	s	RESISTOR, CHIP 150 1/10W(1608)
R523	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R524	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R525	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R526	1-218-971-11	s	RESISTOR,CHIP 33K 1/16W (1005)
R527	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R528	1-218-971-11	s	RESISTOR,CHIP 33K 1/16W (1005)
R529	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R530	1-218-971-11	s	RESISTOR,CHIP 33K 1/16W (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R531	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R532	1-218-937-11	s	RESISTOR, CHIP 47
R533	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R534	1-218-937-11	s	RESISTOR, CHIP 47
R535	1-218-937-11	s	RESISTOR, CHIP 47
R536	1-218-937-11	s	RESISTOR, CHIP 47
R538	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R540	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R541	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R542	1-211-973-11	s	RESISTOR,CHIP 15 1/10W (1608)
R543	1-211-973-11	s	RESISTOR,CHIP 15 1/10W (1608)
R544	1-211-973-11	s	RESISTOR,CHIP 15 1/10W (1608)
R600	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R602	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R603	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R604	1-218-929-11	s	RESISTOR,CHIP 10 1/16W (1005)
R605	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R606	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R607	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R609	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R610	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R611	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R612	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R613	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R614	1-218-929-11	s	RESISTOR,CHIP 10 1/16W (1005)
R615	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R616	1-218-929-11	s	RESISTOR,CHIP 10 1/16W (1005)
R617	1-218-949-11	s	RESISTOR,CHIP 470 1/16W
R618	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R619	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R620	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R621	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R622	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R623	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R624	1-218-937-11	s	RESISTOR, CHIP 47
R625	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R626	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R627	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R628	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R631	1-219-601-11	s	RES, METAL FILM CHIP 62K(1005)
R632	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R633	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R634	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R635	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R636	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R639	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R640	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R641	1-208-947-11	s	RESISTOR CHIP 330K 1/16W(1005)
R642	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R645	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R646	1-208-695-11	s	RESISTOR CHIP 3.3K 1/16W(1005)
R647	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1005)
R648	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R649	1-218-937-11	s	RESISTOR, CHIP 47
R650	1-218-937-11	s	RESISTOR, CHIP 47
R651	1-218-937-11	s	RESISTOR, CHIP 47
R652	1-208-707-11	s	RESISTOR,CHIP 10K 1/16W (1005)
R653	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R654	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R655	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R656	1-218-937-11	s	RESISTOR, CHIP 47
R657	1-218-937-11	s	RESISTOR, CHIP 47
R658	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R660	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R663	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R665	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R669	1-218-937-11	s	RESISTOR, CHIP 47
R671	1-218-937-11	s	RESISTOR, CHIP 47
R672	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R673	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R675	1-218-929-11	s	RESISTOR,CHIP 10 1/16W (1005)
R676	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R677	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R705	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R706	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R707	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R708	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R709	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R710	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R712	1-208-695-11	s	RESISTOR CHIP 3.3K 1/16W(1005)
R715	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R716	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R717	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R718	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R719	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R720	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R721	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R722	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R723	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R731	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R734	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R736	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R737	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R738	1-218-939-11	s	RESISTOR, CHIP 68 1/16W (1005)
R739	1-218-989-11	s	RESISTOR,CHIP 1M 1/16W (1005)
R741	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R743	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R744	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R748	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R749	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R750	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R752	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R753	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R754	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R755	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R756	1-218-937-11	s	RESISTOR, CHIP 47
R757	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R758	1-218-937-11	s	RESISTOR, CHIP 47
R759	1-218-937-11	s	RESISTOR, CHIP 47
R760	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R761	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R762	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R763	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R764	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R801	1-208-707-11	s	RESISTOR,CHIP 10K 1/16W (1005)
R802	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R803	1-218-949-11	s	RESISTOR,CHIP 470 1/16W
R804	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)

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Ref. No. or Q'ty	Part No.	SP	Description
R805	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R806	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R807	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R808	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R809	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R810	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R811	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R812	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R813	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R815	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R817	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R818	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R821	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R823	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R825	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R826	1-219-570-11	s	RESISTOR,CHIP 10M 1/16W
R827	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R828	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R830	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R832	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R833	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R837	1-218-945-11	s	RESISTOR,CHIP 220 1/16W(1005)
R838	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1005)
R841	1-218-937-11	s	RESISTOR, CHIP 47
R842	1-218-937-11	s	RESISTOR, CHIP 47
R843	1-218-937-11	s	RESISTOR, CHIP 47
R845	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R900	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R901	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R902	1-218-937-11	s	RESISTOR, CHIP 47
R903	1-218-937-11	s	RESISTOR, CHIP 47
R906	1-218-937-11	s	RESISTOR, CHIP 47
R907	1-218-937-11	s	RESISTOR, CHIP 47
R909	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R911	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R912	1-218-937-11	s	RESISTOR, CHIP 47
R913	1-218-937-11	s	RESISTOR, CHIP 47
R914	1-218-937-11	s	RESISTOR, CHIP 47
R916	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R917	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R918	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1005)
R919	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R920	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R922	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R923	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R926	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R927	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R928	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R929	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R931	1-218-937-11	s	RESISTOR, CHIP 47
R932	1-218-937-11	s	RESISTOR, CHIP 47
R934	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R935	1-218-937-11	s	RESISTOR, CHIP 47
R936	1-218-937-11	s	RESISTOR, CHIP 47
R937	1-218-937-11	s	RESISTOR, CHIP 47
R938	1-218-937-11	s	RESISTOR, CHIP 47
R939	1-218-937-11	s	RESISTOR, CHIP 47
R940	1-218-937-11	s	RESISTOR, CHIP 47
R941	1-218-937-11	s	RESISTOR, CHIP 47

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R942	1-218-937-11	s	RESISTOR, CHIP 47
R943	1-218-937-11	s	RESISTOR, CHIP 47
R944	1-218-937-11	s	RESISTOR, CHIP 47
R945	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R946	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R947	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R948	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R952	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R953	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R954	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R1000	1-208-691-11	s	RESISTOR CHIP 2.2K 1/16W(1005)
R1001	1-208-695-11	s	RESISTOR CHIP 3.3K 1/16W(1005)
R1002	1-208-715-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R1003	1-208-715-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R1004	1-208-669-11	s	RESISTOR CHIP 270 1/16W (1005)
R1006	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1007	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1008	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1009	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1010	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R1011	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1005)
R1012	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1005)
R1013	1-218-929-11	s	RESISTOR,CHIP 10 1/16W (1005)
R1014	1-218-929-11	s	RESISTOR,CHIP 10 1/16W (1005)
R1018	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1019	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1020	1-218-903-11	s	RESISTOR,CHIP 220K 1/10W(1608)
R1100	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1101	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1103	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1104	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1105	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R1106	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1005)
R1107	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1005)
R1108	1-218-929-11	s	RESISTOR,CHIP 10 1/16W (1005)
R1109	1-218-929-11	s	RESISTOR,CHIP 10 1/16W (1005)
R1110	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1111	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1201	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1202	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1204	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1205	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R1206	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1005)
R1207	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1005)
R1208	1-218-929-11	s	RESISTOR,CHIP 10 1/16W (1005)
R1209	1-218-929-11	s	RESISTOR,CHIP 10 1/16W (1005)
R1210	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1211	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1301	1-218-937-11	s	RESISTOR, CHIP 47
R1302	1-218-937-11	s	RESISTOR, CHIP 47
R1303	1-218-937-11	s	RESISTOR, CHIP 47
R1305	1-218-937-11	s	RESISTOR, CHIP 47
R1306	1-218-937-11	s	RESISTOR, CHIP 47
R1307	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1308	1-218-937-11	s	RESISTOR, CHIP 47
R1309	1-218-937-11	s	RESISTOR, CHIP 47
R1310	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R1311	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R1312	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)

(C BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R1313	1-218-955-11	s	RESISTOR, CHIP 1.5K
R1314	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1315	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1316	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1317	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1318	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1319	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1320	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R1321	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1322	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1324	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1325	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1326	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1327	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1328	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1005)
R1329	1-218-973-11	s	RESISTOR,CHIP 47K 1/16W (1005)
R1330	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1331	1-218-989-11	s	RESISTOR,CHIP 1M 1/16W (1005)
R1400	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1401	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1402	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1403	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1404	1-208-719-11	s	RESISTOR CHIP 33K 1/16W (1005)
R1405	1-208-719-11	s	RESISTOR CHIP 33K 1/16W (1005)
R1406	1-208-719-11	s	RESISTOR CHIP 33K 1/16W (1005)
R1407	1-208-719-11	s	RESISTOR CHIP 33K 1/16W (1005)
R1408	1-208-719-11	s	RESISTOR CHIP 33K 1/16W (1005)
R1409	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R1410	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R1411	1-208-707-11	s	RESISTOR,CHIP 10K 1/16W (1005)
R1412	1-208-719-11	s	RESISTOR CHIP 33K 1/16W (1005)
R1413	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R1414	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R1415	1-208-719-11	s	RESISTOR CHIP 33K 1/16W (1005)
R1416	1-208-687-11	s	RESISTOR CHIP 1.5K 1/16W (1005
R1417	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R1418	1-208-719-11	s	RESISTOR CHIP 33K 1/16W (1005)
R1419	1-208-683-11	s	RESISTOR CHIP 1K 1/16W (1005)
R1420	1-208-699-11	s	RESISTOR,CHIP 4.7K 1/16W(1005)
R1421	1-208-707-11	s	RESISTOR,CHIP 10K 1/16W (1005)
R1422	1-208-707-11	s	RESISTOR,CHIP 10K 1/16W (1005)
R1423	1-208-707-11	s	RESISTOR,CHIP 10K 1/16W (1005)
R1424	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1425	1-208-947-11	s	RESISTOR CHIP 330K 1/16W(1005)
R1426	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1427	1-208-947-11	s	RESISTOR CHIP 330K 1/16W(1005)
R1428	1-208-947-11	s	RESISTOR CHIP 330K 1/16W(1005)
R1429	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R1430	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R1432	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R1433	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R1434	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R1435	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R1436	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
RB200	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB201	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB202	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB203	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB700	1-234-372-11	s	RES, NETWORK 100X4 (1005)

(C BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
RB701	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB702	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB703	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB704	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB705	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB706	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB707	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB708	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB709	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB710	1-234-372-11	s	RES, NETWORK 100X4 (1005)
RB711	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB712	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB713	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB714	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB715	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB900	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB901	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB902	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB903	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB904	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB905	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB906	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB907	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB908	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB909	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB910	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB912	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB913	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB914	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB915	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB1000	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1001	1-233-981-11	s	RES, NETWORK (CHIP TYPE) 0
RB1002	1-233-981-11	s	RES, NETWORK (CHIP TYPE) 0
RB1100	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1101	1-233-981-11	s	RES, NETWORK (CHIP TYPE) 0
RB1102	1-233-981-11	s	RES, NETWORK (CHIP TYPE) 0
RB1200	1-234-370-11	s	RES, NETWORK 22X4 (1005)
RB1201	1-233-981-11	s	RES, NETWORK (CHIP TYPE) 0
RB1202	1-233-981-11	s	RES, NETWORK (CHIP TYPE) 0
RB1301	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB1302	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB1303	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB1304	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB1305	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB1306	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB1307	1-234-371-11	s	RES, NETWORK 47X4 (1005)
RB1308	1-234-371-11	s	RES, NETWORK 47X4 (1005)
TH300	1-803-353-21	s	THERMISTOR, POSITIVE
TH301	1-771-845-11	s	THERMISTOR, POSITIVE
TH1000	1-803-382-21	s	THERMISTOR (1005)
TP100	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP200	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP700	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
TP1202	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)
X200	1-813-326-21	s	VIBRATOR, CRYSTAL
X600	1-813-124-21	s	VIBRATOR, CERAMIC
X700	1-795-756-11	s	VIBRATOR, CRYSTAL
X800	1-813-326-21	s	VIBRATOR, CRYSTAL
X801	1-813-326-21	s	VIBRATOR, CRYSTAL
X1300	1-795-495-21	s	VIBRATOR, CERAMIC

GA BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1054-268-C	s	MOUNTED CIRCUIT BOARD, GA
1pc	⚠ 4-034-094-01	s	SHEET, INSULATE (PLA)
1pc	7-662-008-02	s	GREASE, SILICON (G-746)
3pcs	7-682-649-09	s	SCREW +PS 3X10(EP-FE/ZNBK/CM2)
C101	⚠ 1-165-529-11	s	CAP, PETP FILM (ACROSS) 0.22MF
C102	⚠ 1-113-896-11	s	CAPACITOR,CERAMIC 220PF B/250V
C103	⚠ 1-113-896-11	s	CAPACITOR,CERAMIC 220PF B/250V
C104	⚠ 1-165-530-11	s	CAPACITOR,FILM(ACROSS)0.47MF
C105	1-100-915-11	s	CAPACITOR, PE FILM 0.47MF
C106	1-100-914-11	s	CAPACITOR, PE FILM 2.2MF
C107	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C108	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C109	1-127-715-11	s	CAPACITOR,CERAMIC 0.22MF B1608
C111	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C112	⚠ 1-125-991-11	s	CAPACITOR,ELECT 180MF/450V
CN101	⚠ 1-818-742-11	s	INLET,AC
CN102	⚠ 1-691-960-21	o	PIN, CONNECTOR (PC BOARD) 3P
CN103	⚠ 1-785-946-11	s	CONNECTOR 3P
CN104	⚠ 1-691-960-11	o	PIN,CONNECTOR (PC BOARD) 3P
D101	⚠ 6-500-406-01	s	DIODE D10XB80
D102	8-719-304-63	s	DIODE RM11C (RECTI)
D103	8-719-078-04	s	DIODE EC31QS03L-TE12L
D104	8-719-076-72	s	DIODE SF10L60U
D105	8-719-037-54	s	DIODE RD30SB-T1
D106	8-719-083-67	s	DIODE UDZSTE-1720B
F101	⚠ 1-576-659-11	s	FUSE (5A 250V)
FB101	1-414-581-21	s	INDUCTOR, CHIP
IC101	8-759-641-00	s	IC MC33262DR2
L101	⚠ 1-456-768-11	s	LINE FILTER COIL
L102	⚠ 1-456-768-11	s	LINE FILTER COIL
L103	⚠ 1-456-767-11	s	CHOKE COIL
L104	⚠ 1-456-133-31	s	COIL, CHOKE 200UH
Q101	8-729-055-36	s	TRANSISTOR SPW20N60S5
Q102	8-729-230-27	s	TRANSISTOR 2SA1213Y-TE12L
Q103	8-729-052-29	s	TRANSISTOR 2SK2876-01MR-F122
R101	⚠ 1-219-759-11	s	RESISTOR (SURGE RESISTANT) 1M
R102	1-218-907-11	s	RESISTOR,CHIP 330K 1/10W(1608)
R103	1-218-907-11	s	RESISTOR,CHIP 330K 1/10W(1608)
R104	1-218-907-11	s	RESISTOR,CHIP 330K 1/10W(1608)
R105	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R106	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R107	1-216-817-11	s	RESISTOR,CHIP 470 1/10W 1608
R108	1-249-393-11	s	RES,CARBON 10 1/4W
R109	1-216-837-11	s	RESISTOR,CHIP 22K 1/10W 1608
R110	1-214-789-00	s	RESISTOR,METAL 0.1/5W
R111	1-218-899-11	s	RESISTOR,CHIP 150K 1/10W(1608)
R112	1-218-907-11	s	RESISTOR,CHIP 330K 1/10W(1608)
R113	1-218-907-11	s	RESISTOR,CHIP 330K 1/10W(1608)
R114	1-218-907-11	s	RESISTOR,CHIP 330K 1/10W(1608)
R115	1-218-907-11	s	RESISTOR,CHIP 330K 1/10W(1608)
R116	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R117	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R118	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R119	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R120	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608

(GA BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R121	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R122	1-242-827-21	s	RES, (SQUARE) FUSE 0.47 (6331)
TH101	1-810-509-11	s	THERMISTOR,POWER
VDR101	⚠ 1-801-268-11	s	VARISTOR (TNR14V471K660)

GB BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1054-269-B	s	MOUNTED CIRCUIT BOARD, GB
C201	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C202	1-125-889-11	s	CAPACITOR, CERAMIC 2.2MF
C203	1-128-403-11	s	CAPACITOR,ELECT 47MF/35V(CHIP)
C204	1-162-964-11	s	CAPACITOR,CERAMIC 1000PF/50V B
C205	1-128-004-11	s	CAPACITOR ELECT 10MF/16V(CHIP)
C206	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C207	1-115-566-11	s	CAPACITOR,CERAMIC 4.7MF B/6.3V
C208	1-128-403-11	s	CAPACITOR,ELECT 47MF/35V(CHIP)
C209	1-115-339-11	s	CAPACITOR,CERAMIC 0.1MF/50V
C210	1-162-970-11	s	CAPACITOR CERAMIC 0.01MF/25V B
C211	1-137-753-11	s	CAPACITOR METALIZED 4700PF
C212	1-107-911-11	s	CAPACITOR,ELECT 220MF/50V
C213	⚠ 1-113-907-51	s	CAPACITOR, CERAMIC 2200PF/250V
C214	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C215	1-128-946-31	s	CAP, ELECT 2200MF
C216	1-131-976-11	s	CAP, ELECT 820MF
C217	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C218	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C219	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C220	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C222	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C224	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C225	1-135-343-11	s	CAPACITOR,SOLID ELECT 120MF
C226	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C227	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C228	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C229	1-165-870-21	s	CAPACITOR, ELECT 100MF(6.3X6)
C230	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C231	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
CN201	⚠ 1-785-946-11	s	CONNECTOR 3P
CN203	1-779-884-11	s	PLUG, CONNECTOR 4P
CN204	1-779-268-21	o	PIN, CONNECTOR (11P)(SMD)(1.5M
CN205	1-784-254-11	s	CONNECTOR 10P
D201	8-719-107-13	s	DIODE RD18M-B1
D202	8-719-037-54	s	DIODE RD30SB-T1
D203	8-719-404-50	s	DIODE MA111-TX
D204	8-719-979-64	s	DIODE UF4005/23
D205	8-719-055-33	s	DIODE DIFL40
D206	8-719-037-57	s	DIODE RD39SB-T1
D207	8-719-510-12	s	DIODE D10SC4M
D208	8-719-510-09	s	DIODE D10SC6M (RECTI)
D210	8-719-404-50	s	DIODE MA111-TX
D211	8-719-404-50	s	DIODE MA111-TX
D212	8-719-404-50	s	DIODE MA111-TX
D215	8-719-404-50	s	DIODE MA111-TX
D216	8-719-404-50	s	DIODE MA111-TX
D217	8-719-404-50	s	DIODE MA111-TX
D219	8-719-078-04	s	DIODE EC31QS03L-TE12L
D220	8-719-404-50	s	DIODE MA111-TX
FB201	1-414-581-21	s	INDUCTOR, CHIP
FB202	1-414-581-21	s	INDUCTOR, CHIP
IC201	6-705-768-01	s	IC MCZ3001UB
IC202	8-759-183-53	s	IC TL431CPK-E2
IC203	8-759-100-93	s	IC UPC393G2
IC204	8-759-713-98	s	IC LTC1772CS6

(GB BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
L201	1-409-527-41	s	COIL, CHOKE 4.7UH
L202	1-409-527-41	s	COIL, CHOKE 4.7UH
L204	1-409-527-41	s	COIL, CHOKE 4.7UH
L205	1-409-529-41	s	COIL, CHOKE 10UH
L206	1-409-527-41	s	COIL, CHOKE 4.7UH
PH201	⚠ 8-749-016-82	s	PHOTO COUPLER PC123GY2J00F
PH202	⚠ 8-749-016-82	s	PHOTO COUPLER PC123GY2J00F
Q201	8-729-216-22	s	TRANSISTOR 2SA1162-G
Q202	8-729-230-49	s	TRANSISTOR 2SC2712-YG
Q203	⚠ 8-729-052-29	s	TRANSISTOR 2SK2876-01MR-F122
Q204	⚠ 8-729-052-29	s	TRANSISTOR 2SK2876-01MR-F122
Q206	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q207	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q208	8-729-047-32	s	TRANSISTOR SI4425DY-T1
Q209	8-729-047-32	s	TRANSISTOR SI4425DY-T1
Q210	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q211	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q214	6-550-126-01	s	TRANSISTOR SI4403DY-T1
Q215	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q216	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
Q217	8-729-029-14	s	TRANSISTOR DTC144EUA-T106
R201	1-249-389-11	s	RES,CARBON 4.7 1/4W
R202	1-218-859-11	s	RESISTOR,CHIP 3.3K 1/10W(1608)
R203	1-216-832-11	s	RESISTOR,CHIP 8.2K 1/16W 1608
R204	1-216-819-11	s	RESISTOR,CHIP 680 1/10W 1608
R205	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R206	1-218-875-11	s	RESISTOR,CHIP 15K 1/10W (1608)
R207	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R208	1-218-875-11	s	RESISTOR,CHIP 15K 1/10W (1608)
R209	1-218-859-11	s	RESISTOR,CHIP 3.3K 1/10W(1608)
R210	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R211	1-218-907-11	s	RESISTOR,CHIP 330K 1/10W(1608)
R212	1-218-907-11	s	RESISTOR,CHIP 330K 1/10W(1608)
R213	1-216-809-11	s	RESISTOR,CHIP 100 1/10W 1608
R214	1-218-907-11	s	RESISTOR,CHIP 330K 1/10W(1608)
R215	1-216-797-11	s	RESISTOR,CHIP 10 1/10W 1608
R216	1-216-797-11	s	RESISTOR,CHIP 10 1/10W 1608
R217	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R218	1-249-417-11	s	RESISTOR,CARBON 1K 1/4W(SMALL)
R219	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R220	1-216-815-11	s	RESISTOR,CHIP 330 1/10W 1608
R221	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R222	1-202-933-61	s	RESISTOR, FUSE 0.1 1/2W
R223	1-243-803-71	s	RES, OXIDE METAL FILM 0.33
R224	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R225	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R228	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R229	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/10W 1608
R230	1-216-817-11	s	RESISTOR,CHIP 470 1/10W 1608
R232	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R233	1-218-873-11	s	RESISTOR,CHIP 12K 1/10W (1608)
R234	1-218-863-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R235	1-218-871-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R236	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/10W 1608
R237	1-216-835-11	s	RESISTOR,CHIP 15K 1/10W
R238	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R239	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R240	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)

(GB BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R241	1-216-827-11	s	RESISTOR, CHIP 3.3K 1/10W 1608
R242	1-216-845-11	s	RESISTOR,CHIP 100K 1/10W(1608)
R243	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R244	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R245	1-216-841-11	s	RESISTOR, CHIP 47K 1/10W 1608
R246	1-216-825-11	s	RESISTOR,CHIP 2.2K 1/10W 1608
R247	1-216-837-11	s	RESISTOR,CHIP 22K 1/10W 1608
R248	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R249	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R250	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R251	1-216-845-11	s	RESISTOR,CHIP 100K 1/10W(1608)
R252	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R253	1-216-835-11	s	RESISTOR,CHIP 15K 1/10W
R255	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R257	1-219-611-21	s	RESISTOR, CHIP 0.047 1W
R258	1-216-797-11	s	RESISTOR,CHIP 10 1/10W 1608
R259	1-216-835-11	s	RESISTOR,CHIP 15K 1/10W
R260	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R261	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R262	1-218-907-11	s	RESISTOR,CHIP 330K 1/10W(1608)
R263	1-218-885-11	s	RESISTOR,CHIP 39K 1/10W (1608)
R264	1-218-891-11	s	RESISTOR,CHIP 68K 1/10W (1608)
R265	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
T201	⚠ 1-437-380-31	s	TRANSFORMER, CONVERTER

GC BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1054-270-A	s	MOUNTED CIRCUIT BOARD, GC
C301	1-137-980-91	s	CAPACITOR,CHIP CERAMIC 0.47MF
C302	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C303	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C304	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C305	1-100-165-21	s	CAP, ELECT 47MF (8X7)
C306	1-126-396-11	s	CAPACITOR,ELECT 47MF/16V(CHIP)
C307	1-135-343-11	s	CAPACITOR,SOLID ELECT 120MF
C309	1-164-230-11	s	CAPACITOR,CERAMIC 220PF/50V
C310	1-104-760-11	s	CAPACITOR CERAMIC 0.047MF/50V
C311	1-162-927-11	s	CAPACITOR,CERAMIC 100PF/50V CH
C312	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C313	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C314	1-100-876-11	s	CAPACITOR, DOUBLE LAYERS 10F
C315	1-100-876-11	s	CAPACITOR, DOUBLE LAYERS 10F
C316	1-100-876-11	s	CAPACITOR, DOUBLE LAYERS 10F
C317	1-100-876-11	s	CAPACITOR, DOUBLE LAYERS 10F
C318	1-100-876-11	s	CAPACITOR, DOUBLE LAYERS 10F
C319	1-165-870-21	s	CAPACITOR, ELECT 100MF(6.3X6)
C320	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C321	1-100-165-21	s	CAP, ELECT 47MF (8X7)
C322	1-126-206-11	s	CAPACITOR, ELECT 100MF/6.3V
C323	1-135-960-91	s	CAP, CHIP CERAMIC 10MF B(3225)
C324	1-107-826-11	s	CAPACITOR,CHIP CERAMIC 0.1MF
C325	1-125-827-11	s	CAPACITOR,CERAMIC 1MF/25V
CN301	1-784-254-11	s	CONNECTOR 10P
CN302	1-766-382-11	s	PIN, CONNECTOR (10P)(SMD)(1.5M
D301	8-719-078-04	s	DIODE EC31QS03L-TE12L
D302	8-719-078-04	s	DIODE EC31QS03L-TE12L
D303	8-719-404-50	s	DIODE MA111-TX
D304	8-719-078-04	s	DIODE EC31QS03L-TE12L
IC301	6-708-254-01	s	IC BA00CC0WFP
IC302	8-759-713-98	s	IC LTC1772CS6
IC303	6-600-395-01	s	IC BD9781HFP
L301	1-409-529-41	s	COIL, CHOKE 10UH
L302	1-409-527-41	s	COIL, CHOKE 4.7UH
L303	1-409-529-41	s	COIL, CHOKE 10UH
L304	1-416-606-11	s	COIL, CHOKE (SMD)
L305	1-409-527-41	s	COIL, CHOKE 4.7UH
L306	1-409-529-41	s	COIL, CHOKE 10UH
Q301	6-550-126-01	s	TRANSISTOR SI4403DY-T1
Q303	8-729-047-32	s	TRANSISTOR SI4425DY-T1
R301	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R302	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R303	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R304	1-216-821-11	s	RESISTOR,CHIP 1.0K 1/10W(1608)
R305	1-218-863-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R306	1-218-883-11	s	RESISTOR,CHIP 33K 1/10W (1608)
R307	1-218-863-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R308	1-215-864-00	s	RESISTOR,METAL FILM 150 1W
R309	1-215-864-00	s	RESISTOR,METAL FILM 150 1W
R310	1-219-611-21	s	RESISTOR, CHIP 0.047 1W
R311	1-216-797-11	s	RESISTOR,CHIP 10 1/10W 1608
R312	1-216-852-11	s	RESISTOR,CHIP 390K 1/16W 1608
R314	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R317	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)

(GC BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R318	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R319	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R320	1-218-847-11	s	RESISTOR, CHIP 1K 1/10W (1608)
R321	1-218-901-11	s	RESISTOR,CHIP 180K 1/10W(1608)
R322	1-218-885-11	s	RESISTOR,CHIP 39K 1/10W (1608)
R323	1-218-891-11	s	RESISTOR,CHIP 68K 1/10W (1608)
R324	1-216-833-11	s	RESISTOR,CHIP 10K 1/10W (1608)
R325	1-216-829-11	s	RESISTOR,CHIP 4.7K 1/10W(1608)
R326	1-218-899-11	s	RESISTOR,CHIP 150K 1/10W(1608)
R327	1-218-879-11	s	RESISTOR,CHIP 22K 1/10W (1608)
R328	1-218-873-11	s	RESISTOR,CHIP 12K 1/10W (1608)
R329	1-216-813-11	s	RESISTOR, CHIP 220 1/10W 1608
R330	1-216-813-11	s	RESISTOR, CHIP 220 1/10W 1608

HA BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1117-028-A	s	MOUNTED CIRCUIT BOARD, HA
C1900	1-164-937-11	s	CAPACITOR,CHIP CERAMIC 1000PF
C1901	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
CN1900	1-770-624-21	s	PIN, CONNECTOR 7P
D1900	8-719-045-51	s	DIODE SEC2422C
D1901	8-719-045-51	s	DIODE SEC2422C
D1902	8-719-941-09	s	DIODE DAP202U
D1903	8-719-941-86	s	DIODE DAN202U
D1904	8-719-941-09	s	DIODE DAP202U
D1905	8-719-941-86	s	DIODE DAN202U
D1906	8-719-941-09	s	DIODE DAP202U
D1907	8-719-941-86	s	DIODE DAN202U
Q1900	8-729-040-87	s	TRANSISTOR 2SJ463A-T1
Q1901	8-729-028-73	s	TRANSISTOR DTA114EUA-T106
R1900	1-218-970-11	s	RESISTOR CHIP 27K 1/16W (1005)
R1901	1-218-966-11	s	RESISTOR, CHIP 12K
R1902	1-218-963-11	s	RESISTOR,CHIP 6.8K 1/16W
R1903	1-218-960-11	s	RESISTOR, CHIP 3.9K 1/16W
R1904	1-218-958-11	s	RESISTOR,CHIP 2.7K 1/16W(1005)
R1905	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R1906	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R1907	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1005)
R1908	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R1909	1-218-955-11	s	RESISTOR, CHIP 1.5K
R1910	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R1911	1-218-956-11	s	RESISTOR, CHIP 1.8K
R1912	1-218-955-11	s	RESISTOR, CHIP 1.5K
R1913	1-218-956-11	s	RESISTOR, CHIP 1.8K
S1900	1-786-651-11	s	TACTILE SWITCH
S1901	1-771-105-11	s	SWITCH, TACTILE
S1902	1-771-105-11	s	SWITCH, TACTILE
S1903	1-771-105-11	s	SWITCH, TACTILE
S1904	1-771-105-11	s	SWITCH, TACTILE
S1905	1-771-105-11	s	SWITCH, TACTILE

HB BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1117-029-A	s	MOUNTED CIRCUIT BOARD, HB
C2000	1-164-937-11	s	CAPACITOR,CHIP CERAMIC 1000PF
C2001	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
CN2000	1-779-806-21	s	CONNECTOR, 1.0MM PITCH 8P
D2000	8-719-045-61	s	DIODE SEC1901C
D2001	8-719-045-61	s	DIODE SEC1901C
D2002	8-719-045-53	s	DIODE SEC1801C
D2003	8-719-941-09	s	DIODE DAP202U
D2004	8-719-941-86	s	DIODE DAN202U
D2005	8-719-941-09	s	DIODE DAP202U
D2006	8-719-941-86	s	DIODE DAN202U
D2007	8-719-941-09	s	DIODE DAP202U
D2008	8-719-941-86	s	DIODE DAN202U
Q2000	8-729-028-73	s	TRANSISTOR DTA114EUA-T106
Q2001	8-729-028-73	s	TRANSISTOR DTA114EUA-T106
Q2002	8-729-028-73	s	TRANSISTOR DTA114EUA-T106
R2000	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R2001	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R2002	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R2003	1-218-963-11	s	RESISTOR,CHIP 6.8K 1/16W
R2004	1-218-960-11	s	RESISTOR, CHIP 3.9K 1/16W
R2005	1-218-958-11	s	RESISTOR,CHIP 2.7K 1/16W(1005)
R2006	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1005)
R2007	1-218-966-11	s	RESISTOR, CHIP 12K
R2008	1-218-960-11	s	RESISTOR, CHIP 3.9K 1/16W
R2009	1-218-967-11	s	RESISTOR,CHIP 15K 1/16W (1005)
S2000	1-771-105-11	s	SWITCH, TACTILE
S2001	1-771-105-11	s	SWITCH, TACTILE
S2002	1-771-105-11	s	SWITCH, TACTILE
S2003	1-771-105-11	s	SWITCH, TACTILE
S2004	1-771-105-11	s	SWITCH, TACTILE
S2005	1-771-105-11	s	SWITCH, TACTILE

L BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1117-033-A	s	MOUNTED CIRCUIT BOARD, L
CN61	1-770-619-11	s	PIN, CONNECTOR 2P
D61	8-719-084-01	s	DIODE (LED) NSCW215T

M BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1117-022-A	s	MOUNTED CIRCUIT BOARD, M
BT1600	1-756-156-11	o	HOLDER, BATTERY
C1500	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1501	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1502	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C1503	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1504	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1505	1-128-992-11	s	CAPACITOR ELECT 47MF 25V
C1506	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1507	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1508	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1509	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1512	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1513	1-119-667-11	s	CAPACITOR CERAMIC 22MF/10V(F)
C1514	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1515	1-126-205-11	s	CAPACITOR,ELECT 47MF/6.3
C1516	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1517	1-126-205-11	s	CAPACITOR,ELECT 47MF/6.3
C1518	1-126-205-11	s	CAPACITOR,ELECT 47MF/6.3
C1521	1-164-935-11	s	CAPACITOR,CHIP CERAMIC 470PF
C1524	1-115-467-11	s	CAPACITOR CERAMIC 0.22MF/10V B
C1525	1-126-205-11	s	CAPACITOR,ELECT 47MF/6.3
C1526	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1527	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C1528	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1529	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1530	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C1531	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C1532	1-117-720-11	s	CAPACITOR, CERAMIC 4.7MF/10V F
C1533	1-117-720-11	s	CAPACITOR, CERAMIC 4.7MF/10V F
C1540	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1600	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1601	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1602	1-137-710-91	s	CAPACITOR,CERAMIC 10MF B(2012)
C1603	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1604	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1605	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1606	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1607	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1608	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1609	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1610	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1611	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1612	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1613	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1614	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1615	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1616	1-137-710-91	s	CAPACITOR,CERAMIC 10MF B(2012)
C1617	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1621	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1622	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1623	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1700	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C1701	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C1702	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C1703	1-137-710-91	s	CAPACITOR,CERAMIC 10MF B(2012)
C1704	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF

(M BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
C1705	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C1706	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C1707	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C1708	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C1709	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C1710	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C1711	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C1712	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C1713	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C1714	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C1715	1-164-943-11	s	CAPACITOR,CHIP CERAMIC 0.01MF
C1716	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1717	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1718	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1719	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1720	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1721	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1722	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1723	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1724	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1725	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1726	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1727	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1728	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1729	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1730	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1731	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1732	1-137-710-91	s	CAPACITOR,CERAMIC 10MF B(2012)
C1733	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1734	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1735	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1736	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1737	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1738	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1739	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1740	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1741	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1742	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1743	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1744	1-137-710-91	s	CAPACITOR,CERAMIC 10MF B(2012)
C1746	1-137-710-91	s	CAPACITOR,CERAMIC 10MF B(2012)
CN1500	1-818-313-11	s	FFC/FPC CONNECTOR (ZIF)
CN1501	1-779-202-21	s	CONNECTOR, BOARD TO BOARD 70P
D1505	8-719-059-53	s	DIODE MA3J14700LSO
D1600	8-719-941-86	s	DIODE DAN202U
FB1500	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1501	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
FB1502	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1504	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1505	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1506	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1507	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1508	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1509	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1600	1-414-921-11	s	INDUCTOR, FERRITE BEAD
FB1601	1-469-670-11	o	FERRITE, EMI (SMD)
FB1700	1-469-670-11	o	FERRITE, EMI (SMD)

(M BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
FB1701	1-469-670-11	o	FERRITE, EMI (SMD)
FB1702	1-469-670-11	o	FERRITE, EMI (SMD)
FB1703	1-469-670-11	o	FERRITE, EMI (SMD)
FB1704	1-469-670-11	o	FERRITE, EMI (SMD)
IC1500	6-702-812-11	s	IC CY27027ZZCT
IC1501	6-700-551-01	s	IC MIC2562A-OBMTR
IC1502	6-704-952-01	s	IC AIC1084-PEJTR
IC1503	6-703-108-01	o	IC SN74LVC2G04DCKR
IC1504	6-704-958-01	s	IC AIC1117A-18PYJTR
IC1505	8-759-665-50	s	IC AK4352VT-E2
IC1506	8-759-331-27	s	IC MM1096AFF
IC1600	6-704-521-01	s	IC MB93493PB-GE1
IC1601	6-702-688-01	s	IC M24C64-WMN6T(B)
IC1700	6-706-007-01	s	IC HY57V561620CTP-HDR
IC1701	6-706-007-01	s	IC HY57V561620CTP-HDR
IC1702	6-805-851-01	s	IC MX29LV640MBTC-90G-811MS100
IC1703	6-704-509-01	s	IC MB93403-26PB-GE1
L1500	1-469-522-11	s	INDUCTOR 1.0UH (NLFV25)
L1501	1-414-770-91	s	INDUCTOR 4.7UH
Q1500	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q1502	8-729-013-28	s	TRANSISTOR HN1B01FU-TE85R
Q1503	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
Q1600	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
R1500	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1502	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1503	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R1504	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1505	1-218-937-11	s	RESISTOR, CHIP 47
R1506	1-218-957-11	s	RESISTOR,CHIP 2.2K 1/16W(1005)
R1507	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1508	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R1509	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R1510	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1511	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1512	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1513	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1514	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1515	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1516	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1517	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1518	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1519	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1523	1-208-671-11	s	RESISTOR CHIP 330 1/16W (1005)
R1524	1-208-659-11	s	RESISTOR CHIP 100 1/16W (1005)
R1525	1-208-671-11	s	RESISTOR CHIP 330 1/16W (1005)
R1526	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1527	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1528	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1529	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1530	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1534	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1536	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1537	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1538	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1539	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1540	1-218-989-11	s	RESISTOR,CHIP 1M 1/16W (1005)
R1541	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1544	1-216-864-11	s	CONDUCTOR, CHIP (1608)

(M BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R1545	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R1548	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R1549	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R1550	1-218-953-11	s	RESISTOR, CHIP 1K 1/16W
R1551	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1553	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1554	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1555	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1556	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1558	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R1560	1-218-977-11	s	RESISTOR,CHIP 100K 1/16W(1005)
R1570	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1571	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1572	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1573	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1574	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R1575	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1580	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1600	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1601	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1602	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1603	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1604	1-218-969-11	s	RESISTOR,CHIP 22K 1/16W (1005)
R1605	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1606	1-218-955-11	s	RESISTOR, CHIP 1.5K
R1609	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1610	1-208-645-11	s	RESISTOR CHIP 27 1/16W (1005)
R1612	1-218-929-11	s	RESISTOR,CHIP 10 1/16W (1005)
R1613	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1615	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1616	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1617	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1619	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R1620	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1621	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1622	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1623	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1624	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1625	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1626	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1627	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1628	1-218-929-11	s	RESISTOR,CHIP 10 1/16W (1005)
R1629	1-218-961-11	s	RESISTOR, CHIP 4.7K 1/16W
R1631	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1632	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1633	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R1644	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1645	1-218-955-11	s	RESISTOR, CHIP 1.5K
R1646	1-218-955-11	s	RESISTOR, CHIP 1.5K
R1650	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1700	1-218-939-11	s	RESISTOR, CHIP 68 1/16W (1005)
R1701	1-218-939-11	s	RESISTOR, CHIP 68 1/16W (1005)
R1702	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1708	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1709	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1710	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R1711	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1712	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1713	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W

(M BOARD)

Ref. No. or Q'ty	Part No.	SP	Description	
R1714	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W	
R1715	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W	
R1716	1-208-643-11	s	RESISTOR CHIP 22 1/16W	(1005)
R1717	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W	
R1718	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W	
R1719	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W	
R1720	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W	
R1721	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W	
R1722	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W	
R1723	1-218-937-11	s	RESISTOR, CHIP 47	
R1724	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W	
R1725	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W	
R1726	1-208-643-11	s	RESISTOR CHIP 22 1/16W	(1005)
R1727	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W	
R1728	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W	
R1729	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W	
R1730	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W	
R1731	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W	
R1732	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W	
R1733	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W	
R1734	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W	
R1735	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W	
R1736	1-218-941-81	s	RESISTOR,CHIP 100,1/16W	(1005)
R1737	1-208-643-11	s	RESISTOR CHIP 22 1/16W	(1005)
RB1500	1-234-378-11	s	RES, NETWORK 10KX4	(1005)
RB1501	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB1600	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB1601	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB1602	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB1603	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB1604	1-234-378-11	s	RES, NETWORK 10KX4	(1005)
RB1605	1-234-378-11	s	RES, NETWORK 10KX4	(1005)
RB1606	1-234-378-11	s	RES, NETWORK 10KX4	(1005)
RB1607	1-234-378-11	s	RES, NETWORK 10KX4	(1005)
RB1608	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB1609	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB1610	1-234-378-11	s	RES, NETWORK 10KX4	(1005)
RB1611	1-234-378-11	s	RES, NETWORK 10KX4	(1005)
RB1612	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB1613	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB1614	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB1615	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB1616	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB1621	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB1622	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB1623	1-234-378-11	s	RES, NETWORK 10KX4	(1005)
RB1624	1-234-379-11	s	RESISTOR,NETWORK 22KX4	(1005)
RB1625	1-234-378-11	s	RES, NETWORK 10KX4	(1005)
RB1627	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB1628	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB1629	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB1630	1-242-963-21	s	RES, NETWORK 33X4	(1005)
RB1631	1-242-963-21	s	RES, NETWORK 33X4	(1005)
RB1632	1-242-963-21	s	RES, NETWORK 33X4	(1005)
RB1633	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB1634	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB1635	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB1636	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB1637	1-234-370-11	s	RES, NETWORK 22X4	(1005)

(M BOARD)

Ref. No. or Q'ty	Part No.	SP	Description	
RB1638	1-242-963-21	s	RES, NETWORK 33X4	(1005)
RB1639	1-242-963-21	s	RES, NETWORK 33X4	(1005)
RB1640	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB1641	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB1642	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB1643	1-242-963-21	s	RES, NETWORK 33X4	(1005)
RB1644	1-242-963-21	s	RES, NETWORK 33X4	(1005)
RB1645	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB1646	1-242-963-21	s	RES, NETWORK 33X4	(1005)
RB1647	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB1700	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB1701	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB1702	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB1703	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB1704	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB1705	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB1706	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB1707	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB1708	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB1709	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB1710	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB1711	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB1712	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB1713	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB1714	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB1715	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB1716	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB1717	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB1718	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB1719	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB1720	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB1721	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB1722	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB1723	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB1724	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB1725	1-234-370-11	s	RES, NETWORK 22X4	(1005)
RB1726	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB1727	1-234-371-11	s	RES, NETWORK 47X4	(1005)
RB1728	1-234-370-11	s	RES, NETWORK 22X4	(1005)
TP1503	1-535-757-11	s	CHIP, CHECKER (CONNECTOR)	
X1500	1-795-690-22	s	OSCILLATOR, CRYSTAL (SMD)	
X1600	1-781-525-11	s	VIBRATOR, CRYSTAL	

NF BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1117-034-A	s	MOUNTED CIRCUIT BOARD, NF
C51	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
CN51	1-779-806-21	s	CONNECTOR, 1.0MM PITCH 8P
CN52	1-785-900-11	s	CONNECTOR
CN53	1-779-884-11	s	PLUG, CONNECTOR 4P
D51	8-719-036-80	s	DIODE RD3.9SB
D52	8-719-059-53	s	DIODE MA3J14700LSO
IC51	6-600-419-01	s	IC RS-790N-T
R51	1-218-937-11	s	RESISTOR, CHIP 47
R52	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R53	1-216-805-11	s	RESISTOR,CHIP 47 1/10W 1608

NR BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1117-032-A	s	MOUNTED CIRCUIT BOARD, NR
C41	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
CN41	1-770-620-21	s	PIN, CONNECTOR 3P
IC41	6-600-419-01	s	IC RS-790N-T
R41	1-218-937-11	s	RESISTOR, CHIP 47
R42	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)

QA BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1054-267-A	s	MOUNTED CIRCUIT BOARD, QA
C400	1-165-875-11	s	CAPACITOR, CHIP CERAMIC 10MF B
C401	1-165-875-11	s	CAPACITOR, CHIP CERAMIC 10MF B
CN401	1-770-860-11	s	CONNECTOR, S TERMINAL
CN403	1-817-068-21	s	CONNECTOR 9P
D402	6-500-331-01	s	DIODE RD3.9UM-T1B
D403	6-500-331-01	s	DIODE RD3.9UM-T1B
D404	6-500-331-01	s	DIODE RD3.9UM-T1B
D405	6-500-331-01	s	DIODE RD3.9UM-T1B
D407	8-719-158-37	s	DIODE RD9.1SB2
D408	8-719-158-37	s	DIODE RD9.1SB2
FB400	1-500-282-11	s	INDUCTOR, FERRITE BEAD
FB401	1-500-282-11	s	INDUCTOR, FERRITE BEAD
FB402	1-500-282-11	s	INDUCTOR, FERRITE BEAD
FL401	1-239-996-11	s	FILTER, EMI
FL402	1-409-755-11	s	FILTER, CHIP EMI (COMON MODE)
FL403	1-239-996-11	s	FILTER, EMI
J400	1-566-822-21	s	JACK
J401	1-785-549-41	o	JACK, PIN YELLOW
R404	1-216-853-11	s	RESISTOR,CHIP 470K 1/16W(1608)
R405	1-216-853-11	s	RESISTOR,CHIP 470K 1/16W(1608)
R412	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R413	1-216-864-11	s	CONDUCTOR, CHIP (1608)
R414	1-216-864-11	s	CONDUCTOR, CHIP (1608)

QB BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1117-023-A	s	MOUNTED CIRCUIT BOARD, QB
C1800	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1801	1-126-205-11	s	CAPACITOR,ELECT 47MF/6.3
C1803	1-165-875-11	s	CAPACITOR, CHIP CERAMIC 10MF B
C1804	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C1811	1-126-205-11	s	CAPACITOR,ELECT 47MF/6.3
C1813	1-165-875-11	s	CAPACITOR, CHIP CERAMIC 10MF B
C1814	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
CN1800	1-817-653-21	s	MEMORY STICK CONNECTOR
CN1801	1-818-313-11	s	FFC/FPC CONNECTOR (ZIF)
CN1802	1-816-408-11	s	PIN, HEADER (CF CARD)
D1800	6-500-633-01	s	DIODE SECU4901C-S
D1802	8-719-059-53	s	DIODE MA3J14700LSO
D1803	8-719-059-53	s	DIODE MA3J14700LSO
D1804	8-719-059-53	s	DIODE MA3J14700LSO
D1805	8-719-059-53	s	DIODE MA3J14700LSO
FB1800	1-500-451-11	s	MICRO INDUCTOR (CHIP) 41P750S
Q1800	8-729-028-96	s	TRANSISTOR DTC114EUA-T106
Q1801	8-729-026-53	s	TRANSISTOR 2SA1576A-T106-QR
R1800	1-218-965-11	s	RESISTOR, CHIP 10K 1/16W
R1801	1-218-937-11	s	RESISTOR, CHIP 47
R1802	1-218-941-81	s	RESISTOR,CHIP 100,1/16W (1005)
R1803	1-218-937-11	s	RESISTOR, CHIP 47
R1804	1-218-937-11	s	RESISTOR, CHIP 47
R1805	1-218-937-11	s	RESISTOR, CHIP 47
R1806	1-218-937-11	s	RESISTOR, CHIP 47
R1807	1-218-937-11	s	RESISTOR, CHIP 47
R1808	1-218-937-11	s	RESISTOR, CHIP 47
R1809	1-218-937-11	s	RESISTOR, CHIP 47
R1810	1-218-937-11	s	RESISTOR, CHIP 47
R1811	1-218-937-11	s	RESISTOR, CHIP 47
R1812	1-218-937-11	s	RESISTOR, CHIP 47
R1813	1-218-937-11	s	RESISTOR, CHIP 47
R1814	1-218-937-11	s	RESISTOR, CHIP 47
R1815	1-218-937-11	s	RESISTOR, CHIP 47
R1816	1-218-937-11	s	RESISTOR, CHIP 47
R1817	1-218-937-11	s	RESISTOR, CHIP 47
R1818	1-218-937-11	s	RESISTOR, CHIP 47
R1819	1-218-937-11	s	RESISTOR, CHIP 47
R1820	1-218-937-11	s	RESISTOR, CHIP 47
R1821	1-218-937-11	s	RESISTOR, CHIP 47
R1822	1-218-937-11	s	RESISTOR, CHIP 47
R1823	1-218-937-11	s	RESISTOR, CHIP 47
R1824	1-218-937-11	s	RESISTOR, CHIP 47
R1825	1-218-937-11	s	RESISTOR, CHIP 47
R1826	1-218-937-11	s	RESISTOR, CHIP 47
R1827	1-218-937-11	s	RESISTOR, CHIP 47
R1828	1-218-937-11	s	RESISTOR, CHIP 47
R1829	1-218-937-11	s	RESISTOR, CHIP 47
R1830	1-218-937-11	s	RESISTOR, CHIP 47
R1831	1-218-937-11	s	RESISTOR, CHIP 47
R1832	1-218-937-11	s	RESISTOR, CHIP 47
R1833	1-218-937-11	s	RESISTOR, CHIP 47
R1834	1-218-937-11	s	RESISTOR, CHIP 47
R1835	1-218-937-11	s	RESISTOR, CHIP 47

(QB BOARD)

Ref. No. or Q'ty	Part No.	SP	Description
R1836	1-218-937-11	s	RESISTOR, CHIP 47
R1837	1-218-937-11	s	RESISTOR, CHIP 47
R1838	1-218-937-11	s	RESISTOR, CHIP 47
R1839	1-218-937-11	s	RESISTOR, CHIP 47
R1840	1-218-937-11	s	RESISTOR, CHIP 47
R1841	1-218-937-11	s	RESISTOR, CHIP 47
R1842	1-218-937-11	s	RESISTOR, CHIP 47
R1843	1-218-937-11	s	RESISTOR, CHIP 47
R1844	1-218-937-11	s	RESISTOR, CHIP 47
R1845	1-218-937-11	s	RESISTOR, CHIP 47
R1846	1-218-937-11	s	RESISTOR, CHIP 47
R1847	1-218-937-11	s	RESISTOR, CHIP 47
R1848	1-218-937-11	s	RESISTOR, CHIP 47
R1849	1-218-937-11	s	RESISTOR, CHIP 47
R1850	1-218-937-11	s	RESISTOR, CHIP 47
R1851	1-218-937-11	s	RESISTOR, CHIP 47
R1852	1-218-937-11	s	RESISTOR, CHIP 47

U BOARD

Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1117-030-A	s	MOUNTED CIRCUIT BOARD, U
CN10	1-580-056-21	s	PIN,CONNECTOR 3P
S10	1-762-984-11	s	SWITCH, PUSH
TH10	1-803-382-21	s	THERMISTOR (1005)

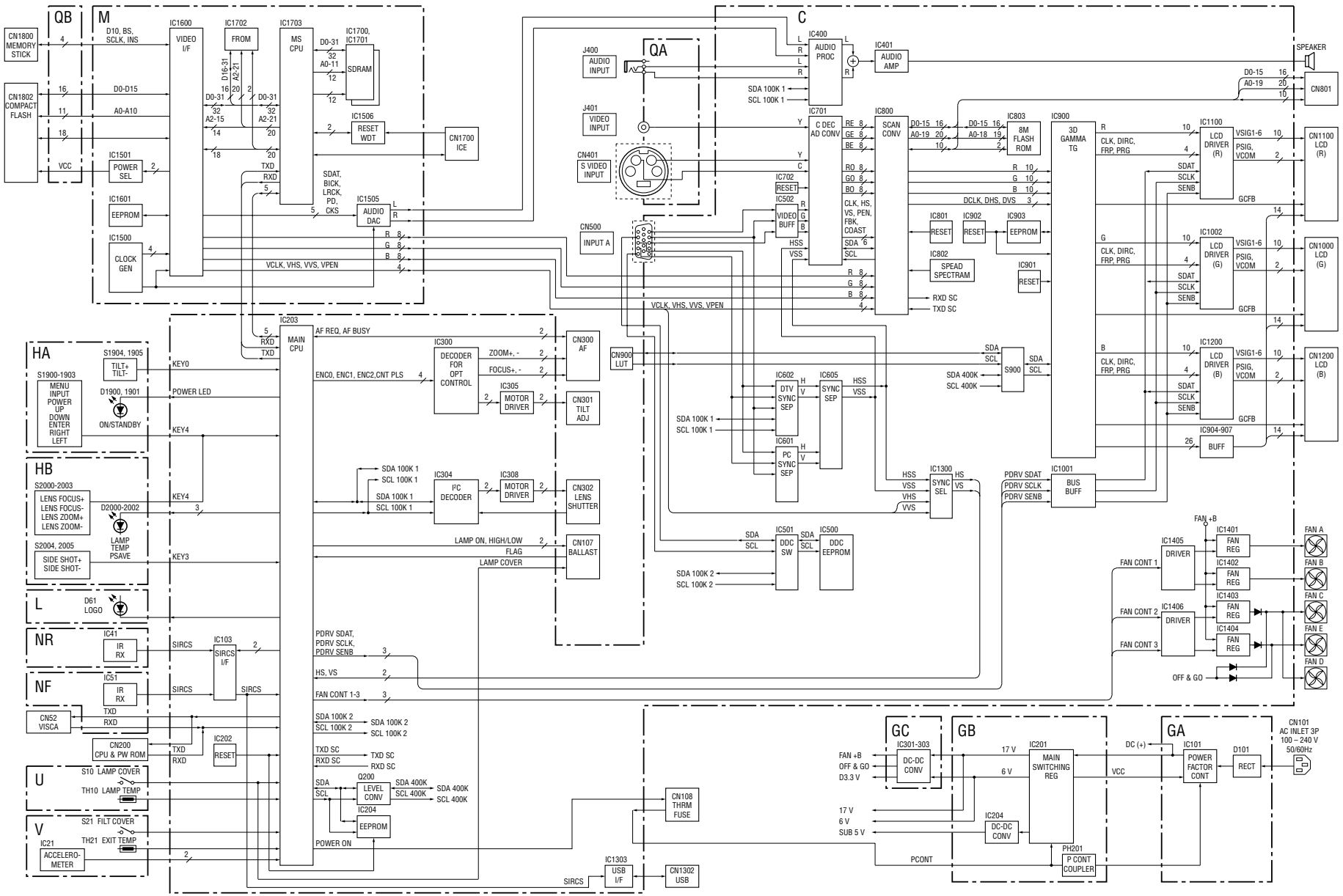
V BOARD

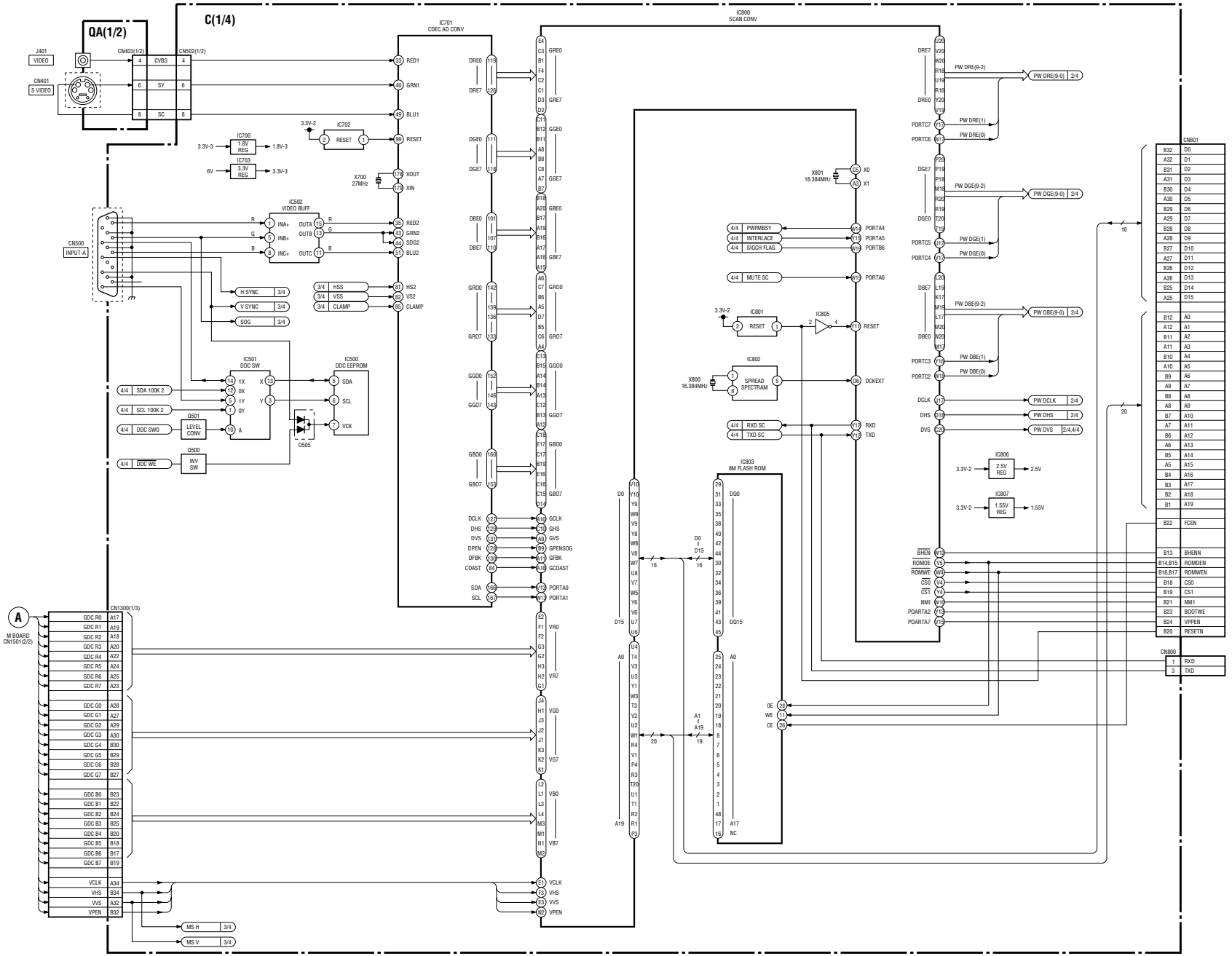
Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1117-024-A	s	MOUNTED CIRCUIT BOARD, V
C21	1-165-989-11	s	CAPACITOR, CERAMIC 10MF (2012)
C22	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
C23	1-125-777-11	s	CAPACITOR CERAMIC 0.1MF/10V
CN21	1-770-623-21	s	PIN, CONNECTOR 6P
IC21	6-705-943-01	s	IC MXS3125GL
R23	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R24	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R26	1-218-929-11	s	RESISTOR,CHIP 10 1/16W (1005)
R27	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
R28	1-208-643-11	s	RESISTOR CHIP 22 1/16W (1005)
R29	1-218-990-11	s	RESISTOR,CHIP 0 1/16W (1005)
S21	1-786-644-21	s	SWITCH, PUSH (1 KEY)
TH21	1-803-382-21	s	THERMISTOR (1005)

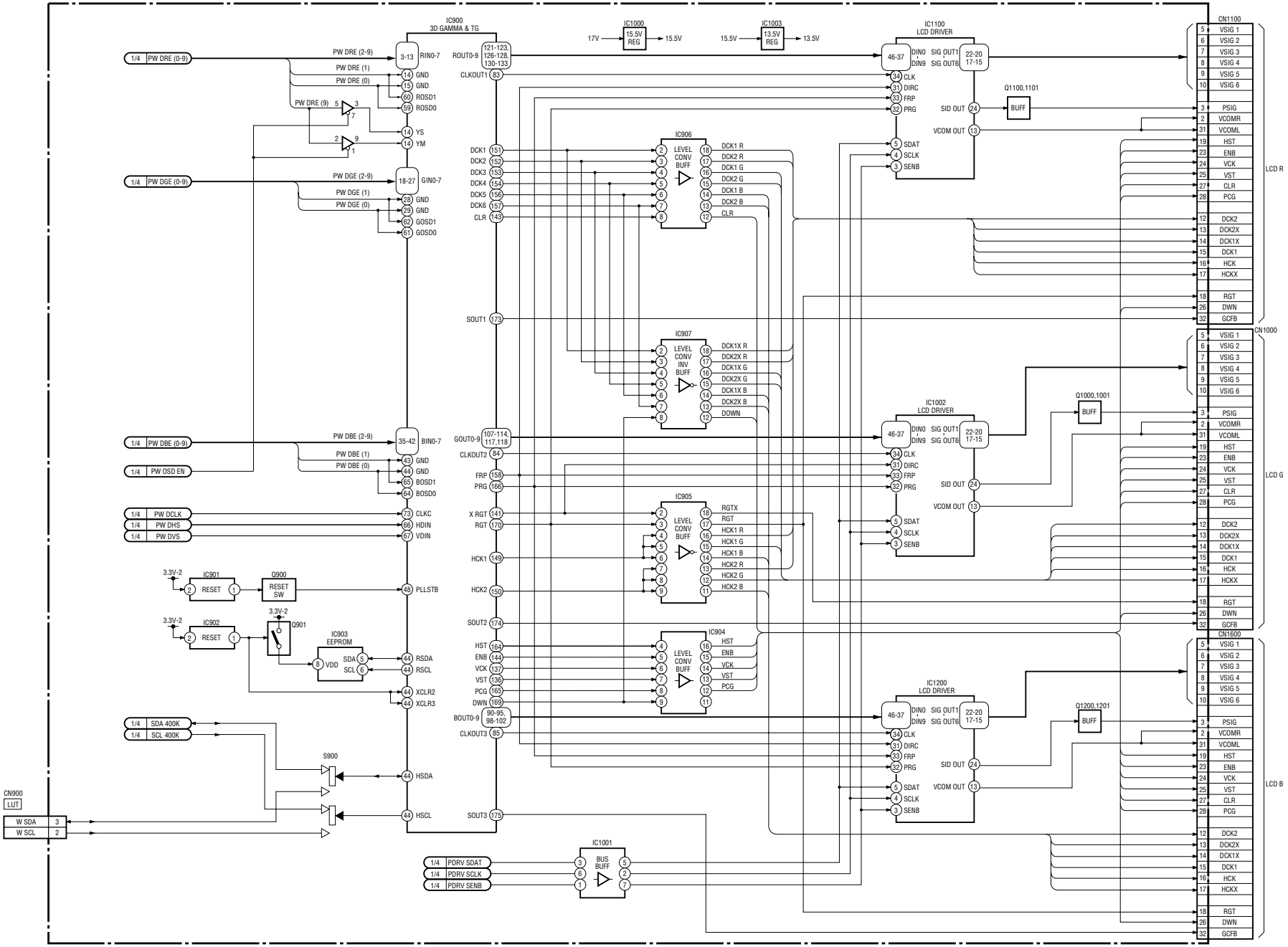
SUPPLIED ACCESSORIES

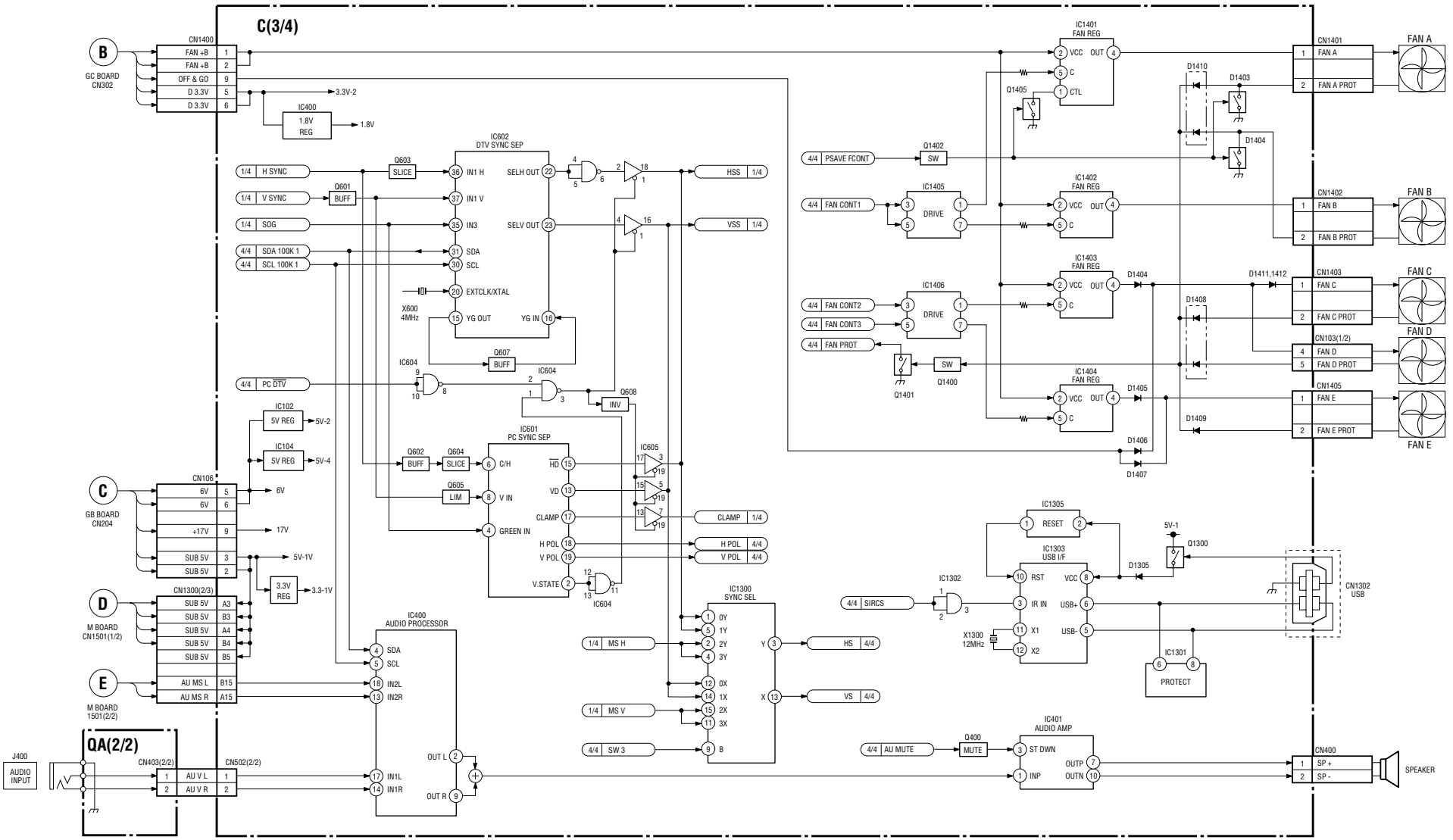
Ref. No. or Q'ty	Part No.	SP	Description
1pc	A-1137-594-A	s	WIRELESS LAN CARD (CF) ASSY
1pc	1-478-734-22	s	REMOTE COMMANDER (RM-PJM17)
1pc	9-885-010-98	s	LID, BATTERY (FOR RM-PJM17)
1pc	1-478-737-11	s	REMOTE COMMANDER (RM-PJP1)
1pc	2-024-232-01	s	HOLDER, BATTERY (FOR RM-PJP1)
1pc	2-149-553-01	s	FILTER (CH)
1pc	2-634-402-01	s	QUICK GUIDE (CX76) (JAPANESE, ENGLISH, FRENCH,GERMAN, SPANISH, ITALIAN, SIMPLIFIED CHINESE)
1pc	⚠ ----------		CORD, POWER (Refer to "1-4. Warning on Power Connection")
1pc	1-790-081-31	s	CABLE, USB
1pc	1-791-992-41	s	CABLE ASSY (15P D SUBX2)
1pc	2-631-094-01	s	CD-ROM PACK
1pc	4-096-087-02	s	CASE, CARRYING

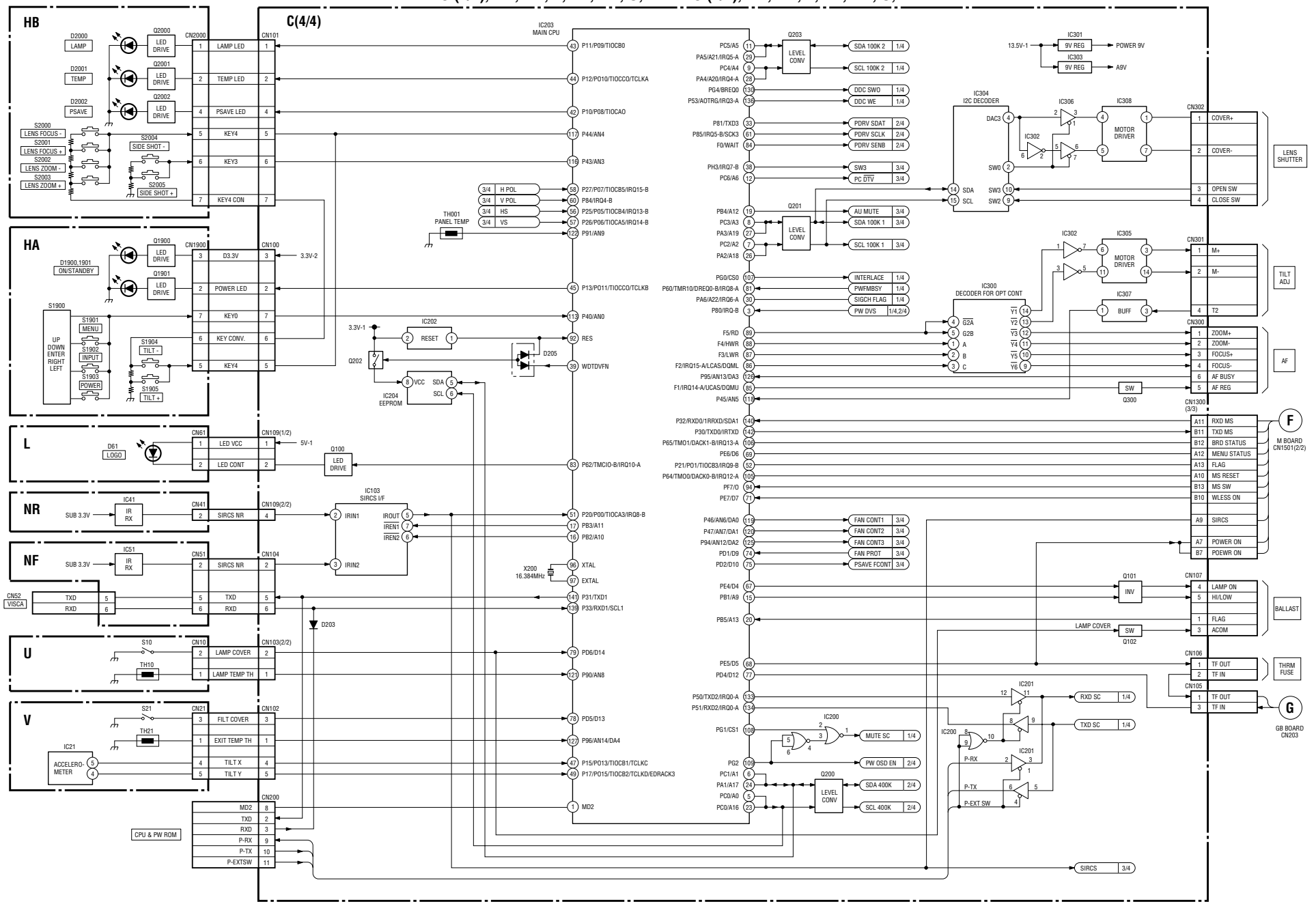
Section 5
Block Diagrams

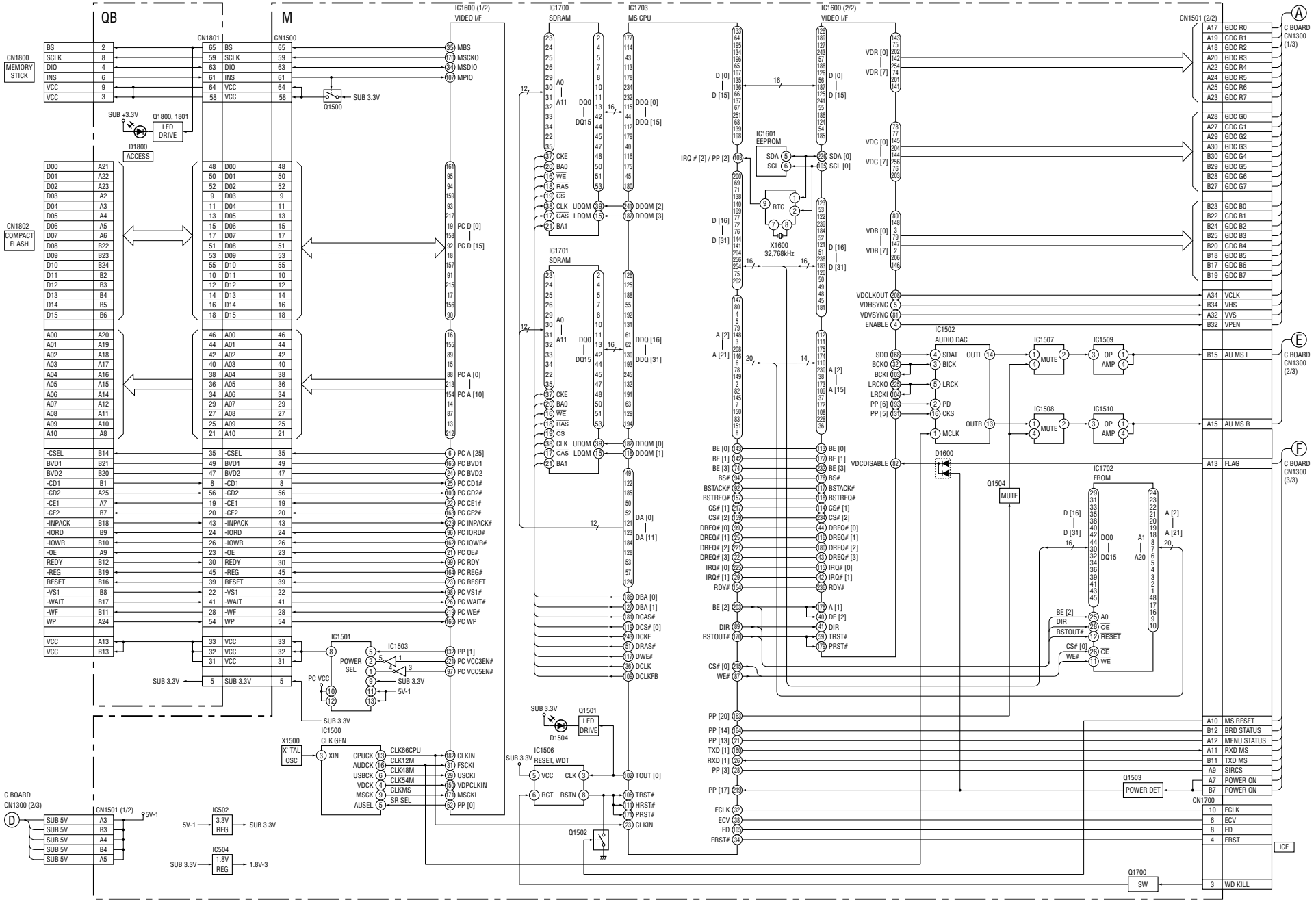


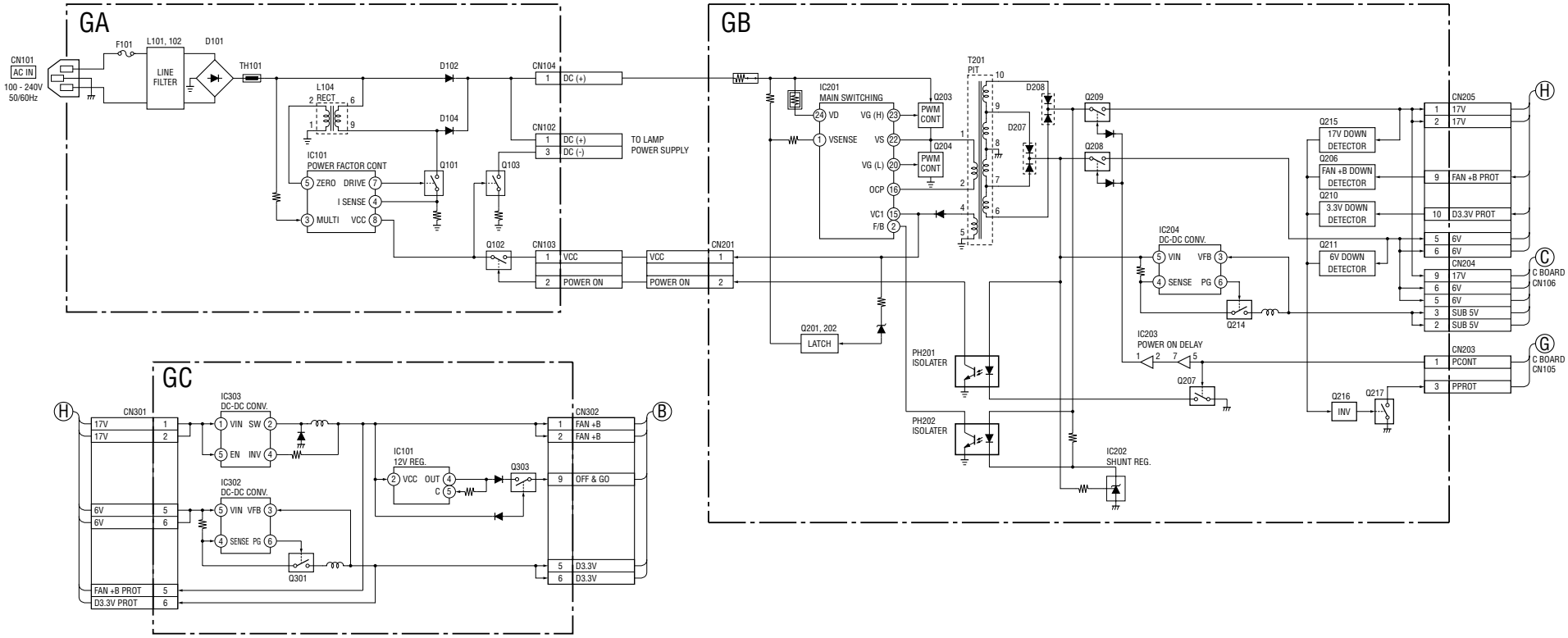

QA(1/2)
C(1/4)
IC701
CDEC AD CONV
IC800
SCAN CONV
J401
VIDEO
CN401
S VIDEO
CN403(1/2)
CN502(1/2)
CVBS
SY
SC
RED1
GRN1
BLU1
IC700
1.8V REG
IC702
RESET
IC703
3.3V REG
XOUT
XIN
X700
27MHz
CN500
INPUT-A
IC502
VIDEO BUFF
INA+
INB+
INC+
OUTA
OUTB
OUTC
RED2
GRN2
SDG2
BLU2
H SYNC
V SYNC
SOG
HSS
VSS
CLAMP
HS2
VS2
CLAMP
IC501
DDC SW
IC500
DDC EEPROM
SDA 100K 2
SCL 100K 2
DDC SW0
DDC WE
SDA
SCL
VCK
Q501
LEVEL CONV
Q500
INV SW
D505
X801
16.384MHz
X800
16.384MHz
IC801
IC802
SPREAD SPECTRAM
IC805
PWFMBSY
INTERLACE
SIGCH FLAG
MUTE SC
RXD SC
TXD SC
PORTA4
PORTA5
PORTB6
PORTA6
RESET
DCKEXT
RXD
TXD
PW DRE(9-2)
PW DRE(1)
PW DRE(0)
PW DGE(9-2)
PW DGE(1)
PW DGE(0)
PW DBE(9-2)
PW DBE(1)
PW DBE(0)
PW DCLK
PW DHS
PW DVS
IC806
2.5V REG
IC807
1.55V REG
IC803
8M FLASH ROM
CN801
CN800
RXD
TXD
CN1300(1/3)
M BOARD
CN1501(2/2)
MS H
MS V


IC900
3D GAMMA & TG
IC1000
15.5V REG
IC1003
13.5V REG
IC1100
LCD DRIVER
CN1100
LCD R
IC906
IC907
IC1002
LCD DRIVER
Q1000,1001
CN1000
LCD G
IC905
IC904
IC1200
LCD DRIVER
Q1200,1201
CN1600
LCD B
Q1100,1101
IC901
Q900
IC902
Q901
IC903
EEPROM
S900
CN900
LUT
IC1001
BUS BUFF
PW DRE (2-9)
PW DRE (1)
PW DRE (0)
PW DRE (9)
PW DGE (2-9)
PW DGE (1)
PW DGE (0)
PW DBE (2-9)
PW DBE (1)
PW DBE (0)
PW OSD EN
PW DCLK
PW DHS
PW DVS
SDA 400K
SCL 400K
PDRV SDAT
PDRV SCLK
PDRV SENB
W SDA
W SCL
RESET
RESET SW
VSIG 1
VSIG 2
VSIG 3
VSIG 4
VSIG 5
VSIG 6
PSIG
VCOMR
VCOML
HST
ENB
VCK
VST
CLR
PCG
DCK2
DCK2X
DCK1X
DCK1
HCK
HCKX
RGT
DWN
GCFB


C(3/4)
QA(2/2)
CN1400
FAN +B 1
FAN +B 2
OFF & GO 9
D 3.3V 5
D 3.3V 6
GC BOARD CN302
3.3V-2
IC400 1.8V REG
1.8V
IC602 DTV SYNC SEP
1/4 H SYNC
1/4 V SYNC
1/4 SOG
4/4 SDA 100K 1
4/4 SCL 100K 1
Q603 SLICE
Q601 BUFF
IN1 H
IN1 V
IN3
SDA
SCL
EXTCLK/XTAL
YG OUT
YG IN
X600 4MHz
SELH OUT
SELV OUT
HSS 1/4
VSS 1/4
Q607 BUFF
IC604
4/4 PC DTV
Q608 INV
IC102 5V REG
5V-2
IC104 5V REG
5V-4
IC601 PC SYNC SEP
Q602 BUFF
Q604 SLICE
Q605 LIM
C/H
V IN
GREEN IN
HD
VD
CLAMP
H POL
V POL
V.STATE
IC605
CLAMP 1/4
H POL 4/4
V POL 4/4
CN106
6V 5
6V 6
+17V 9
SUB 5V 3
SUB 5V 2
GB BOARD CN204
6V
17V
5V-1V
3.3V REG
3.3-1V
CN1300(2/3)
SUB 5V A3
SUB 5V B3
SUB 5V A4
SUB 5V B4
SUB 5V B5
AU MS L B15
AU MS R A15
M BOARD 1501(2/2)
IC400 AUDIO PROCESSOR
SDA
SCL
IN2L
IN2R
IN1L
IN1R
OUT L
OUT R
IC1300 SYNC SEL
1/4 MS H
1/4 MS V
4/4 SW 3
HS 4/4
VS 4/4
J400 AUDIO INPUT
CN403(2/2)
AU V L 1
AU V R 2
CN502(2/2)
IC1401 FAN REG
IC1402 FAN REG
IC1403 FAN REG
IC1404 FAN REG
IC1405 DRIVE
IC1406 DRIVE
4/4 PSAVE FCONT
4/4 FAN CONT1
4/4 FAN CONT2
4/4 FAN CONT3
4/4 FAN PROT
Q1402 SW
Q1405
Q1401
Q1400 SW
D1410
D1403
D1404
D1408
D1411,1412
D1405
D1406
D1407
D1409
CN1401 FAN A
CN1402 FAN B
CN1403 FAN C
CN103(1/2) FAN D
CN1405 FAN E
FAN A PROT
FAN B PROT
FAN C PROT
FAN D PROT
FAN E PROT
IC1305 RESET
IC1303 USB I/F
IC1302
4/4 SIRCS
X1300 12MHz
RST
IR IN
X1
X2
VCC
USB+
USB-
5V-1
Q1300
D1305
CN1302 USB
IC1301 PROTECT
IC401 AUDIO AMP
4/4 AU MUTE
Q400 MUTE
ST DWN
INP
OUTP
OUTN
CN400
SP +
SP -
SPEAKER


C(4/4)
HB
HA
L
NR
NF
U
V
IC203 MAIN CPU
CN2000
CN101
CN1900
CN100
CN61
CN109(1/2)
CN41
CN109(2/2)
CN51
CN104
CN10
CN103(2/2)
CN21
CN102
CN200
CN1300 (3/3)
CN302
CN301
CN300
CN107
CN106
CN105
LAMP LED
TEMP LED
PSAVE LED
KEY4
KEY3
KEY4 CON
D3.3V
POWER LED
KEY0
KEY CONV.
KEY5
LED VCC
LED CONT
SIRCS NR
LAMP COVER
LAMP TEMP TH
FILT COVER
EXIT TEMP TH
TILT X
TILT Y
MD2
TXD
RXD
P-RX
P-TX
P-EXTSW
H POL
V POL
HS
VS
TH001 PANEL TEMP
IC202 RESET
IC204 EEPROM
IC103 SIRCS I/F
X200 16.384MHz
D205
D203
IC301 9V REG
IC303 9V REG
POWER 9V
A9V
IC304 I2C DECODER
IC306
IC308 MOTOR DRIVER
IC302
IC305 MOTOR DRIVER
IC307 BUFF
IC300 DECODER FOR OPT CONT
Q300 SW
Q101 INV
Q102 SW
Q203 LEVEL CONV
Q201 LEVEL CONV
Q200 LEVEL CONV
IC200
IC201
SDA 100K 2
SCL 100K 2
DDC SWO
DDC WE
PDRV SDAT
PDRV SCLK
PDRV SENB
SW3
PC DTV
AU MUTE
SDA 100K 1
SCL 100K 1
INTERLACE
PWFMBSY
SIGCH FLAG
PW DVS
FAN CONT1
FAN CONT2
FAN CONT3
FAN PROT
PSAVE FCONT
MUTE SC
PW OSD EN
SDA 400K
SCL 400K
RXD SC
TXD SC
SIRCS
COVER+
COVER-
OPEN SW
CLOSE SW
M+
M-
T2
ZOOM+
ZOOM-
FOCUS+
FOCUS-
AF BUSY
AF REG
RXD MS
TXD MS
BRD STATUS
MENU STATUS
FLAG
MS RESET
MS SW
WLESS ON
SIRCS
POWER ON
POEWR ON
LAMP ON
HI/LOW
FLAG
ACOM
TF OUT
TF IN
TF OUT
TF IN
LENS SHUTTER
TILT ADJ
AF
BALLAST
THRM FUSE
M BOARD CN1501(2/2)
GB BOARD CN203
CPU & PW ROM
VISCA
ACCELERO-METER

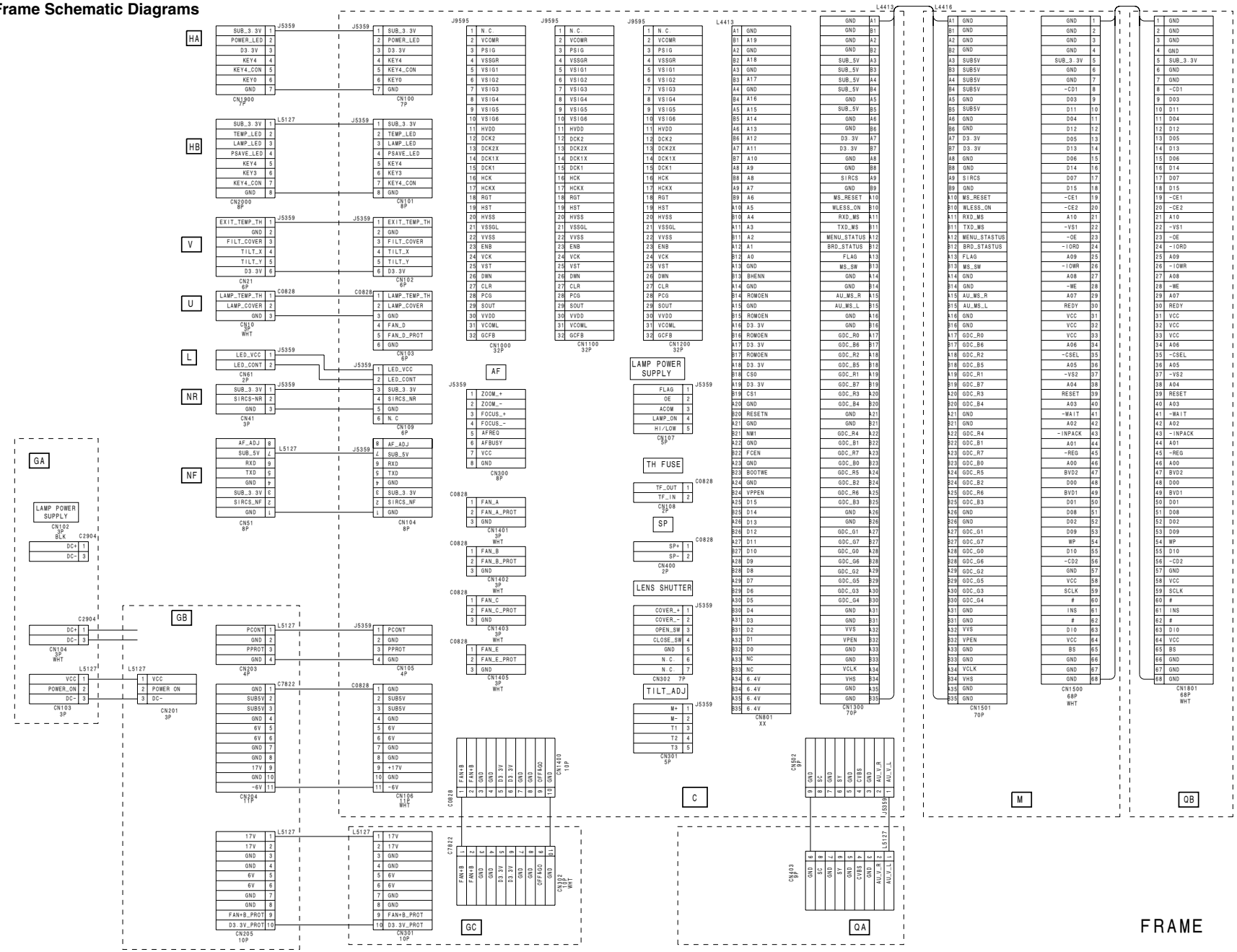

QB
M
CN1801
CN1500
CN1800 MEMORY STICK
CN1802 COMPACT FLASH
IC1600 (1/2) VIDEO I/F
IC1700 SDRAM
IC1703 MS CPU
IC1600 (2/2) VIDEO I/F
IC1701 SDRAM
IC1601 EEPROM
IC1502 AUDIO DAC
IC1507
IC1509
IC1508
IC1510
IC1702 FROM
IC1501
IC1503
IC1500 CLK GEN
IC1506 RESET, WDT
CN1501 (2/2)
SUB +3.3V
Q1800, 1801
LED DRIVE
D1800 ACCESS
Q1500
SUB 3.3V
PC VCC
POWER SEL
5V-1
X1500 X'TAL OSC
Q1501
D1504
Q1502
Q1503 POWER DET
Q1504 MUTE
D1600
X1600 32,768kHz
C BOARD CN1300 (2/3)
CN1501 (1/2)
IC502 3.3V REG
IC504 1.8V REG
1.8V-3
Q1700 SW
CN1700
ICE


GA
GB
GC
CN101
AC IN
100 - 240V
50/60Hz
F101
L101, 102
LINE FILTER
D101
TH101
L104
RECT
D102
D104
CN104
DC (+)
CN102
DC (+)
DC (-)
TO LAMP POWER SUPPLY
IC101
POWER FACTOR CONT
ZERO
DRIVE
I SENSE
MULTI
VCC
Q101
Q103
Q102
CN103
VCC
POWER ON
CN201
T201
PIT
IC201
MAIN SWITCHING
VD
VSENSE
VG (H)
VS
VG (L)
OCP
VC1
F/B
PWM CONT
Q203
Q204
D208
D207
Q209
Q208
IC204
DC-DC CONV.
VIN
VFB
SENSE
PG
Q214
Q215
17V DOWN DETECTOR
Q206
FAN +B DOWN DETECTOR
Q210
3.3V DOWN DETECTOR
Q211
6V DOWN DETECTOR
CN205
17V
FAN +B PROT
D3.3V PROT
6V
CN204
SUB 5V
C BOARD CN106
Q201, 202
LATCH
PH201
ISOLATER
PH202
ISOLATER
IC203
POWER ON DELAY
Q207
IC202
SHUNT REG.
Q216
INV
Q217
CN203
PCONT
PPROT
G BOARD CN105
CN301
IC303
DC-DC CONV.
IC302
DC-DC CONV.
IC101
12V REG.
Q303
Q301
CN302
FAN +B
OFF & GO
D3.3V

Section 6
Diagrams

Board Name	Function	Page
QA	S-Video In	6-3
QB	RS-232C Drive, Monitor Out	6-4
C	Video/Audio Signal Processor	6-6
HA	Control Panel Switch	6-24
HB	Control Panel Switch/LED	6-26
L	Logo LED	6-28
NF	Circs Receiver	6-28
NR	Circs Receiver	6-28
U	Lamp Cover SW	6-28
V	Angle Detect	6-28
M	Video I/F	6-30
GA	Rect	6-36
GB	DC-DC Converter	6-38
GC	DC-DC Converter	6-40

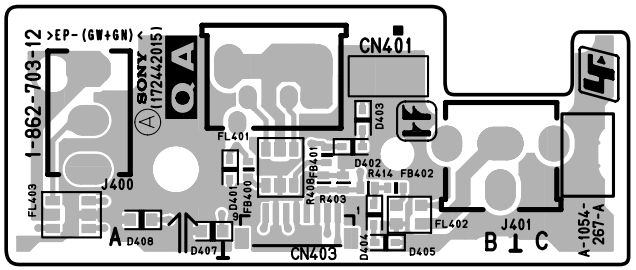
6-1. Frame Schematic Diagrams



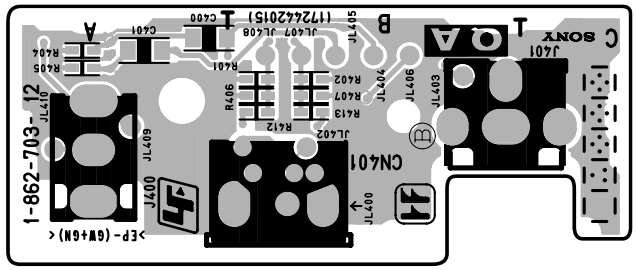
6-2

VPL-CX76

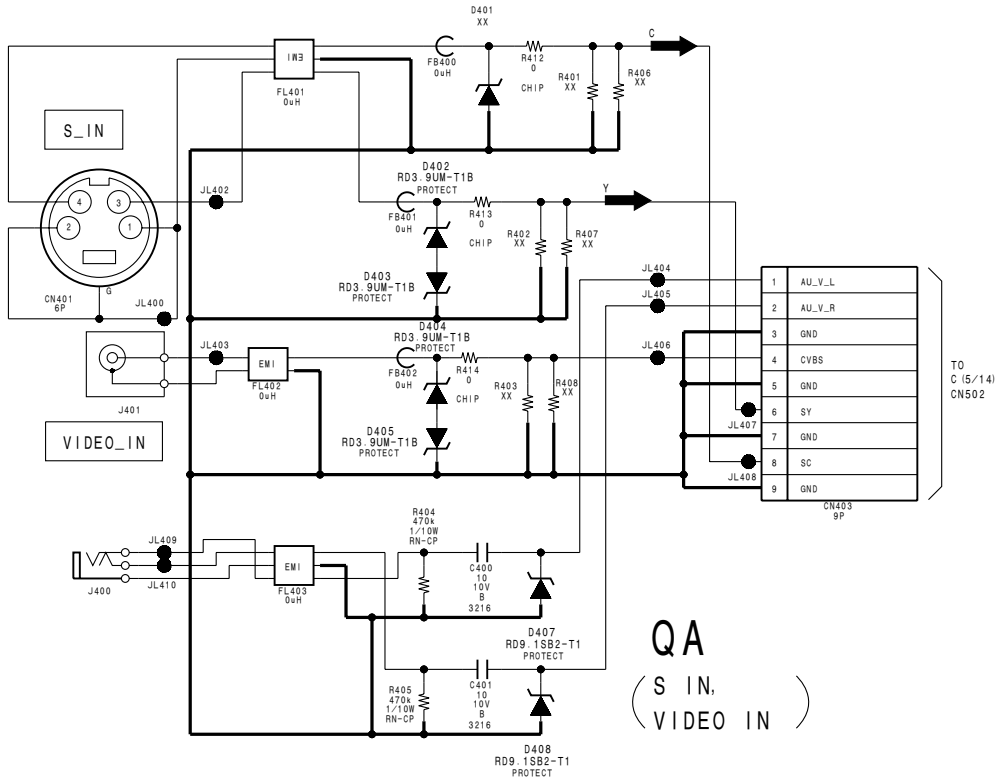
6-2. Schematic Diagrams and Board Layouts

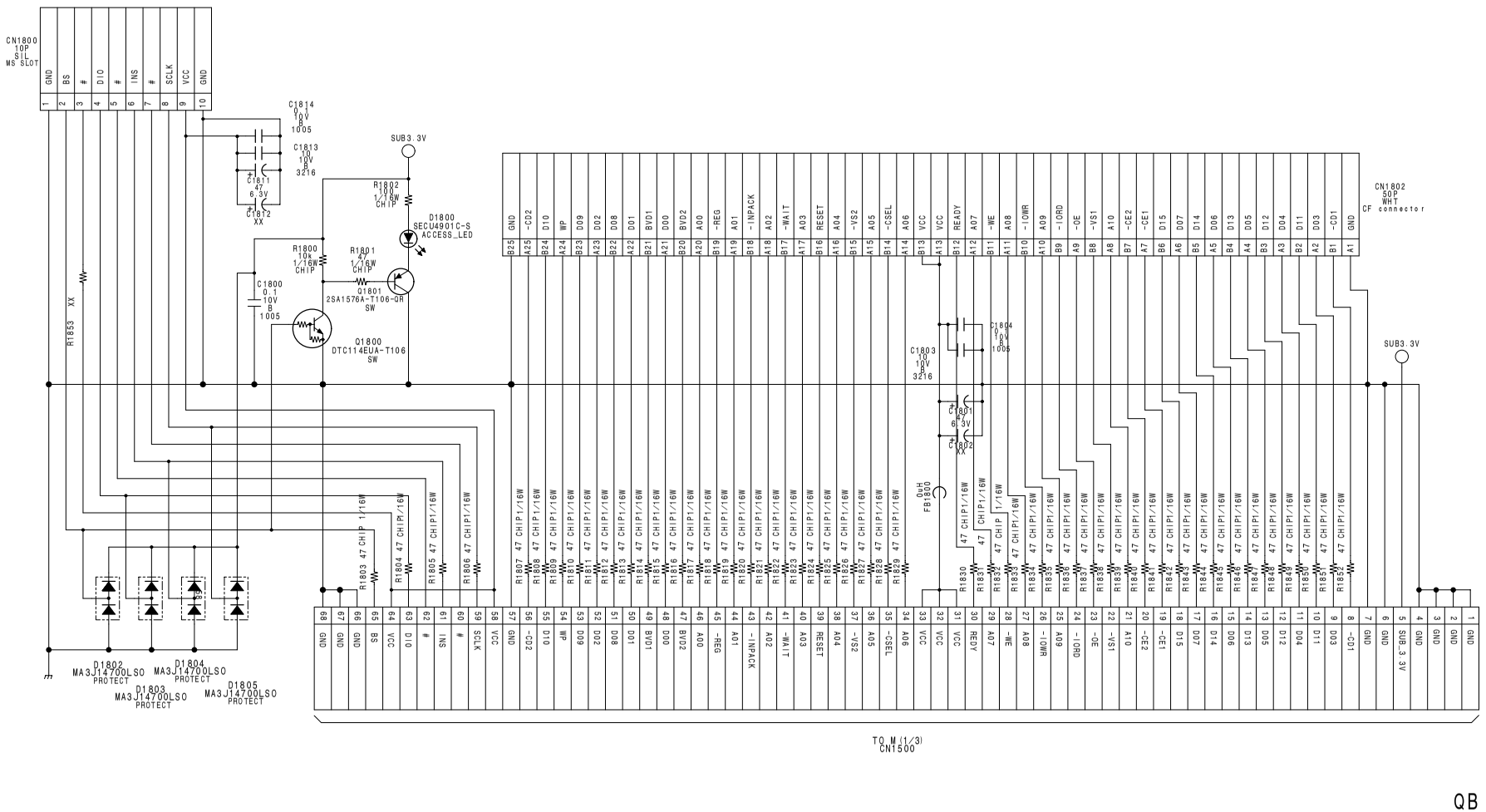


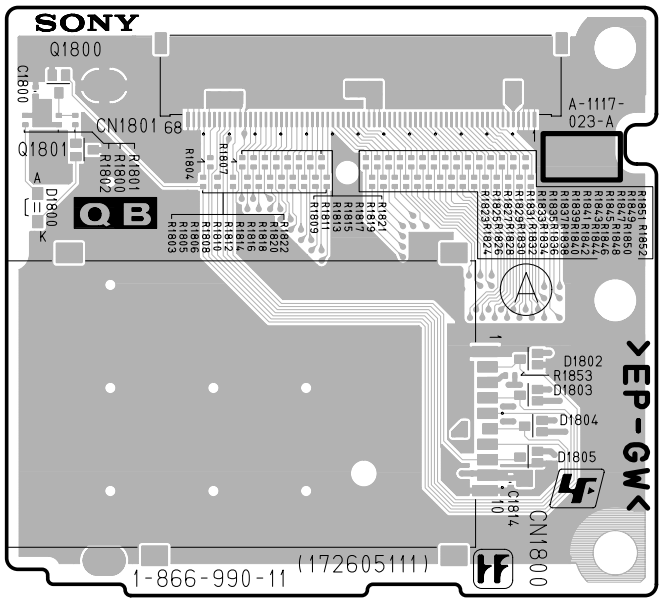
QA -A SIDE-
SUFFIX: -12



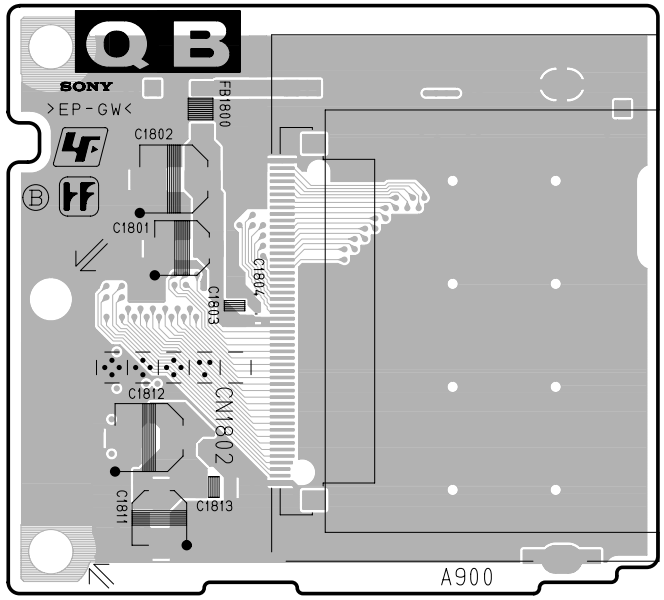
QA -B SIDE-
SUFFIX: -12



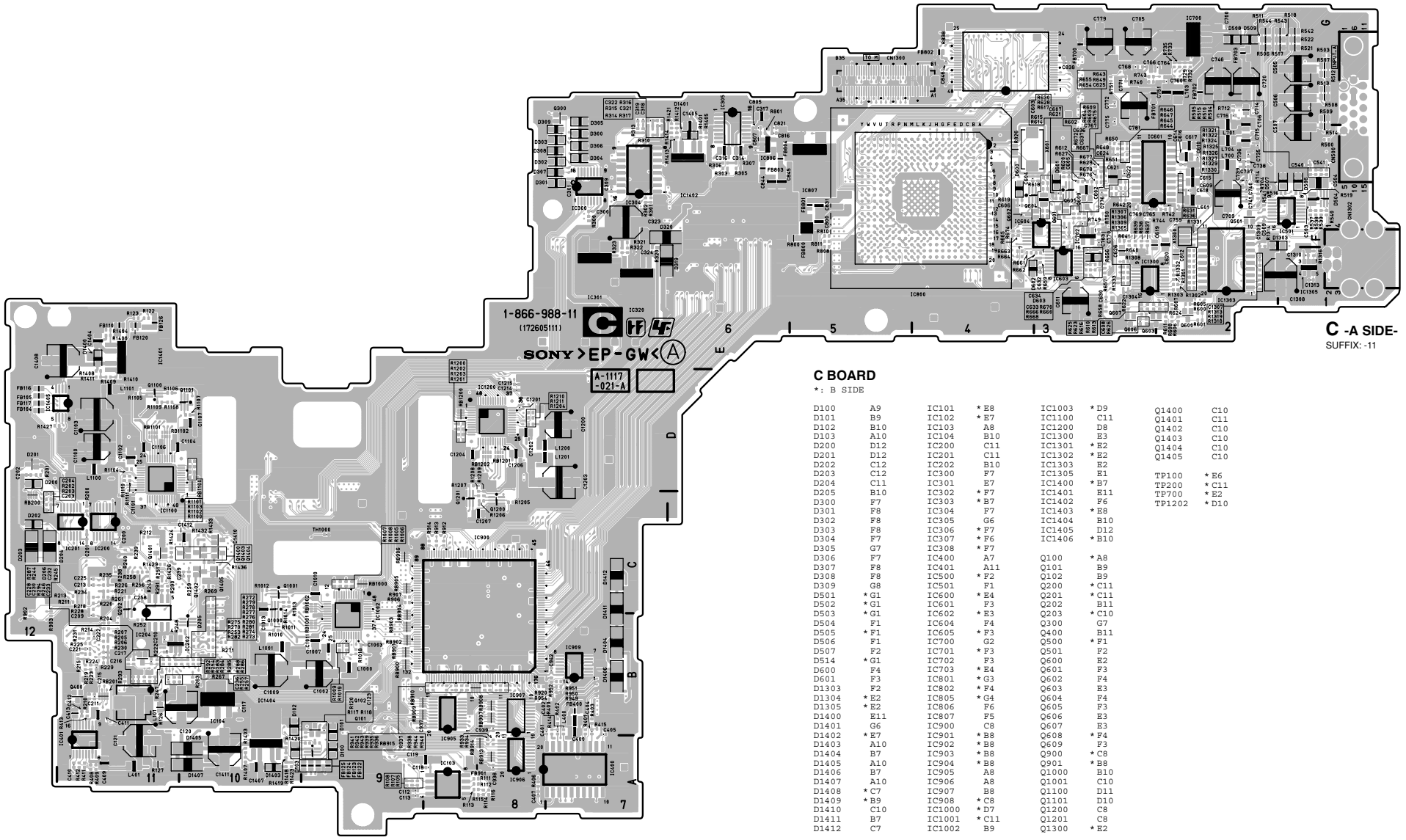

CN1800
10P
SII
MS SLOT
GND
BS
#
DIO
#
INS
#
SCLK
VCC
GND
C1814
0.1
10V
B
1005
C1813
100
10V
3216
C1811
47
6.3V
C1812
XX
SUB3.3V
R1802
10k
1/16W
CHIP
D1800
SECU4901C-S
ACCESS_LED
R1800
10k
1/16W
CHIP
R1801
47
1/16W
CHIP
Q1801
2SA1576A-T106-QR
SW
C1800
0.1
10V
B
1005
R1853 XX
Q1800
DTC114EUA-T106
SW
CN1802
50P
WHT
CF connector
C1803
100
10V
3216
C1804
0.1
10V
B
1005
C1801
47
6.3V
C1802
XX
SUB3.3V
0uH
FB1800
R1803 47 CHIP 1/16W
R1804 47 CHIP/16W
R1805 47 CHIP/16W
R1806 47 CHIP/16W
D1802
MA3J14700LSO
PROTECT
D1803
MA3J14700LSO
PROTECT
D1804
MA3J14700LSO
PROTECT
D1805
MA3J14700LSO
PROTECT
TO M(1/3)
CN1500
CN1801
50P
WHT
QB



QB -A SIDE-
SUFFIX: -11



QB -B SIDE-
SUFFIX: -11

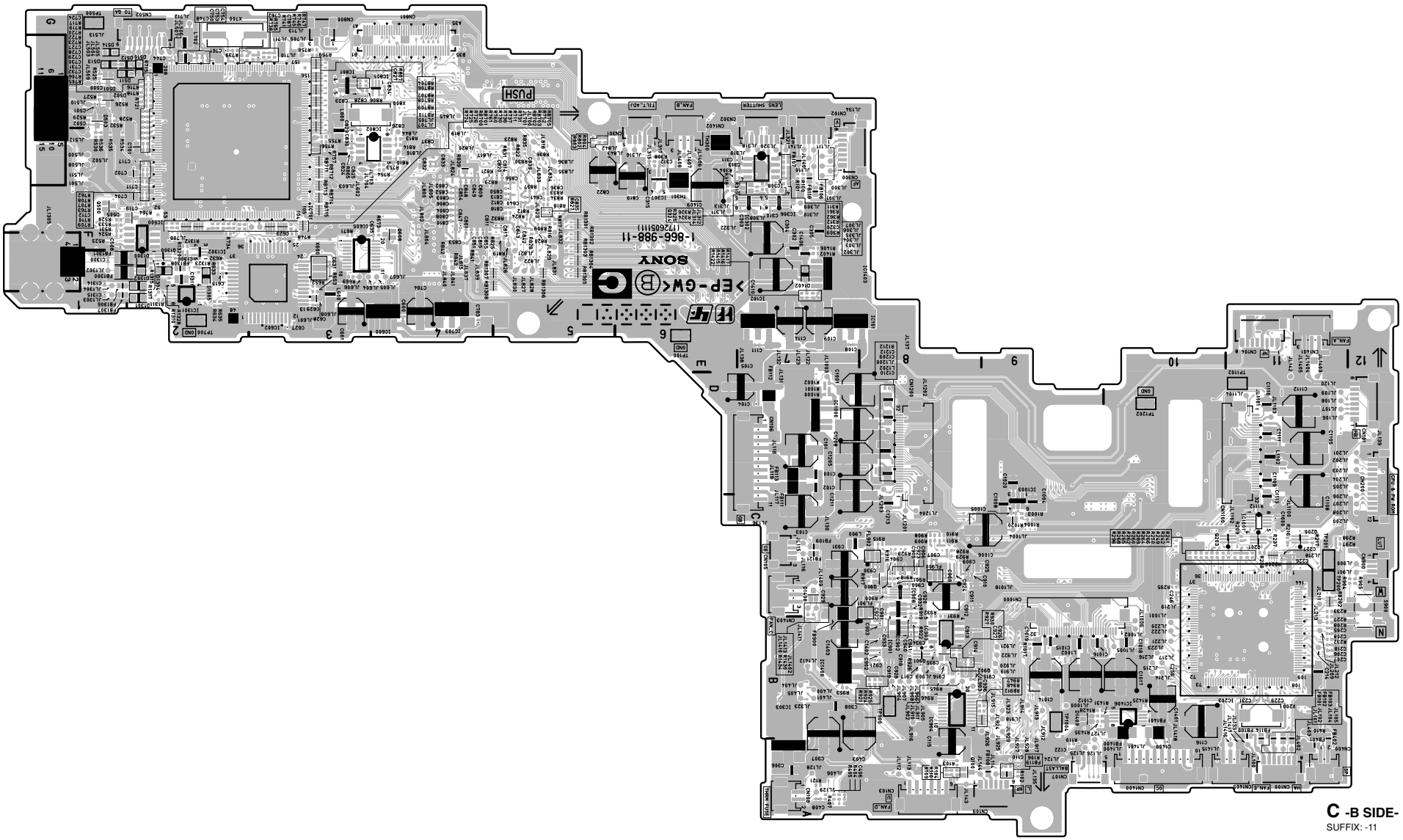


C -A SIDE-
SUFFIX: -11

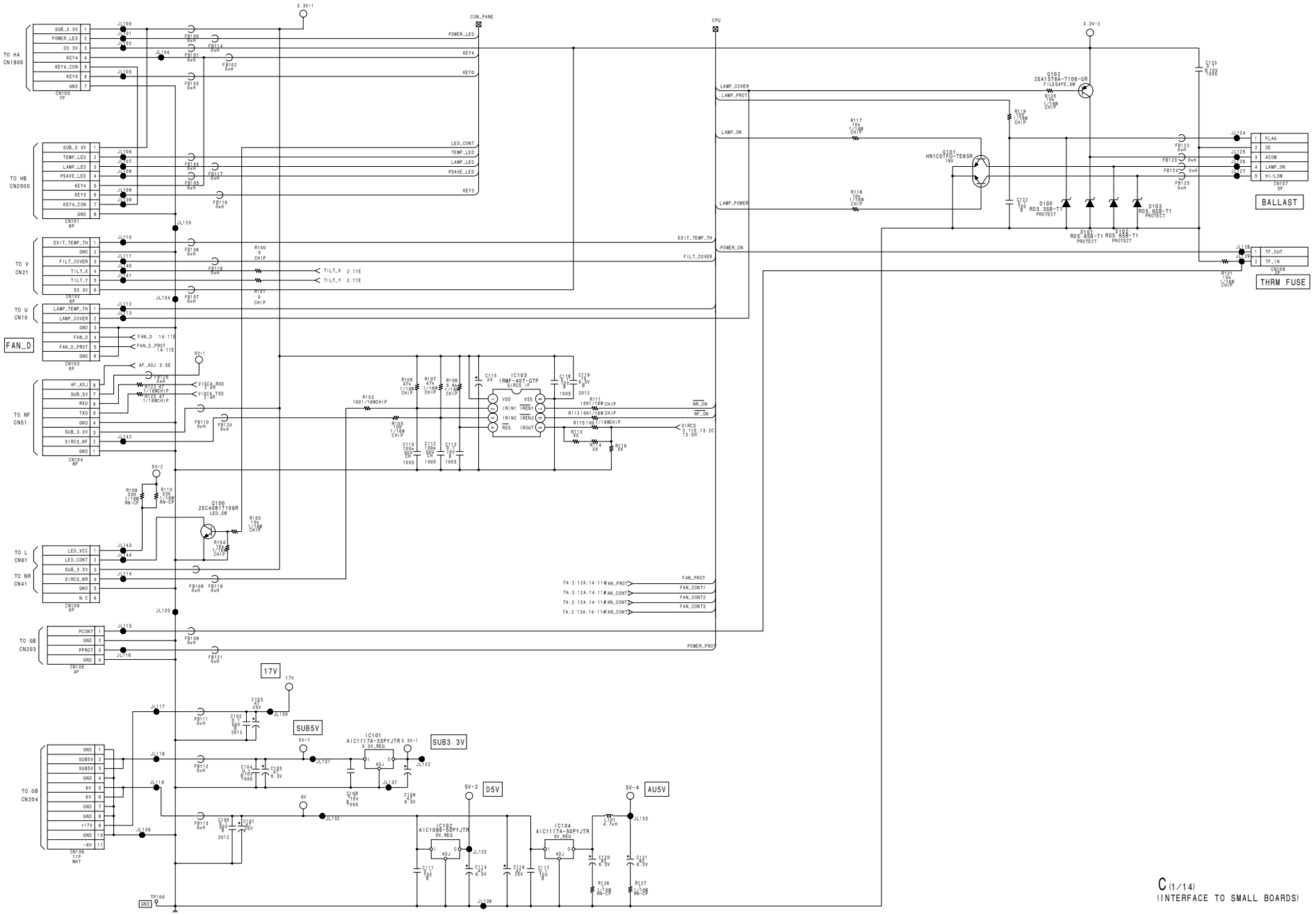
C BOARD

*: B SIDE

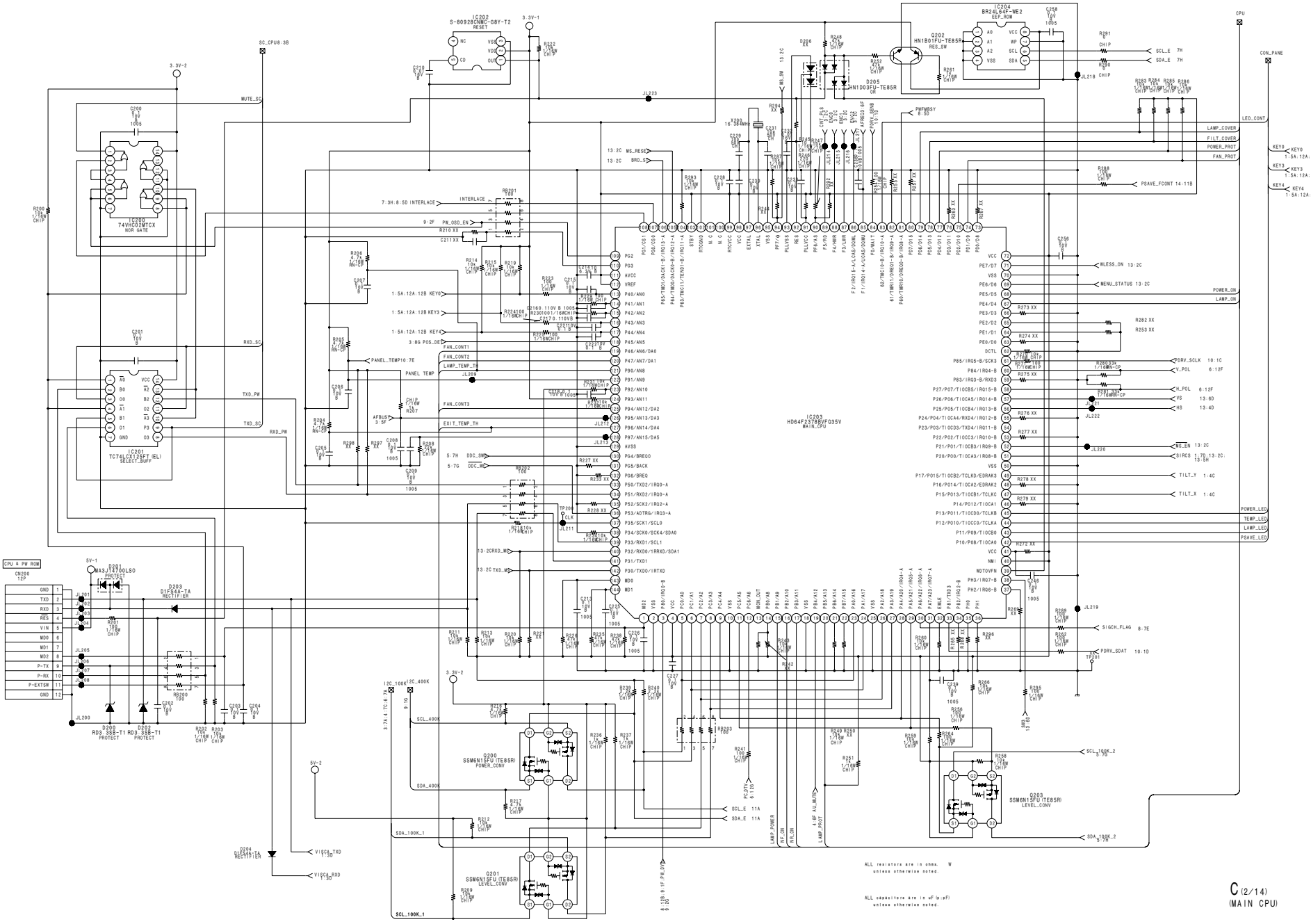
D100	A9	IC101	* E8	IC1003	* D9	Q1400	C10		
D101	B9	IC102	* E7	IC1100	C11	Q1401	C11		
D102	B10	IC103	A8	IC1200	D8	Q1402	C10		
D103	A10	IC104	B10	IC1300	E3	Q1403	C10		
D200	D12	IC200	C11	IC1301	* E2	Q1404	C10		
D201	D12	IC201	C11	IC1302	* E2	Q1405	C10		
D202	C12	IC202	B10	IC1303	E2				
D203	C12	IC300	F7	IC1305	E1	TP100	* E6		
D204	C11	IC301	E7	IC1400	* B7	TP200	* C11		
D205	B10	IC302	* F7	IC1401	E11	TP700	* E2		
D300	F7	IC303	* B7	IC1402	F6	TP1202	* D10		
D301	F8	IC304	F7	IC1403	* E8				
D302	F8	IC305	G6	IC1404	B10				
D303	F8	IC306	* F7	IC1405	D12				
D304	F7	IC307	* F6	IC1406	* B10				
D305	G7	IC308	* F7						
D306	F7	IC400	A7	Q100	* A8				
D307	F8	IC401	A11	Q101	B9				
D308	F8	IC500	* F2	Q102	B9				
D309	G8	IC501	F1	Q200	* C11				
D501	* G1	IC600	* E4	Q201	* C11				
D502	* G1	IC601	F3	Q202	B11				
D503	* G1	IC602	* E3	Q203	* C10				
D504	F1	IC604	F4	Q300	G7				
D505	* F1	IC605	* F3	Q400	B11				
D506	F1	IC700	G2	Q500	* F1				
D507	F2	IC701	* F3	Q501	F2				
D514	* G1	IC702	F3	Q600	E2				
D600	F4	IC703	* E4	Q601	F3				
D601	F3	IC801	* G3	Q602	F4				
D1303	F2	IC802	* F4	Q603	E3				
D1304	* E2	IC805	* G4	Q604	F4				
D1305	* E2	IC806	F6	Q605	F3				
D1400	E11	IC807	F5	Q606	E3				
D1401	G6	IC900	C8	Q607	E3				
D1402	* E7	IC901	* B8	Q608	* F4				
D1403	A10	IC902	* B8	Q609	F3				
D1404	B7	IC903	* B8	Q900	* C8				
D1405	A10	IC904	* B8	Q901	* B8				
D1406	B7	IC905	A8	Q1000	B10				
D1407	A10	IC906	A8	Q1001	C10				
D1408	* C7	IC907	B8	Q1100	D11				
D1409	* B9	IC908	* C8	Q1101	D10				
D1410	C10	IC1000	* D7	Q1200	C8				
D1411	B7	IC1001	* C11	Q1201	C8				
D1412	C7	IC1002	B9	Q1300	* E2				

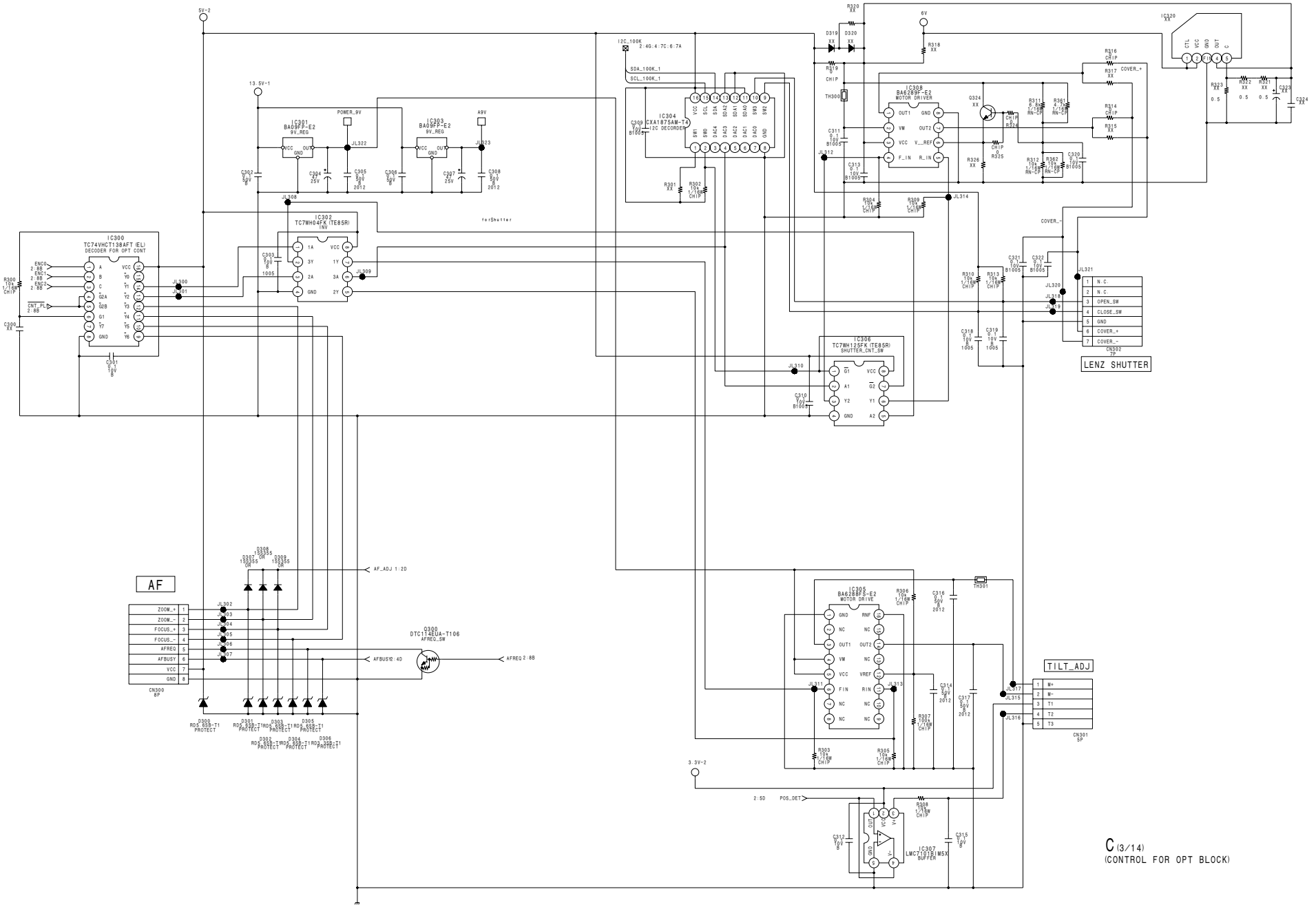


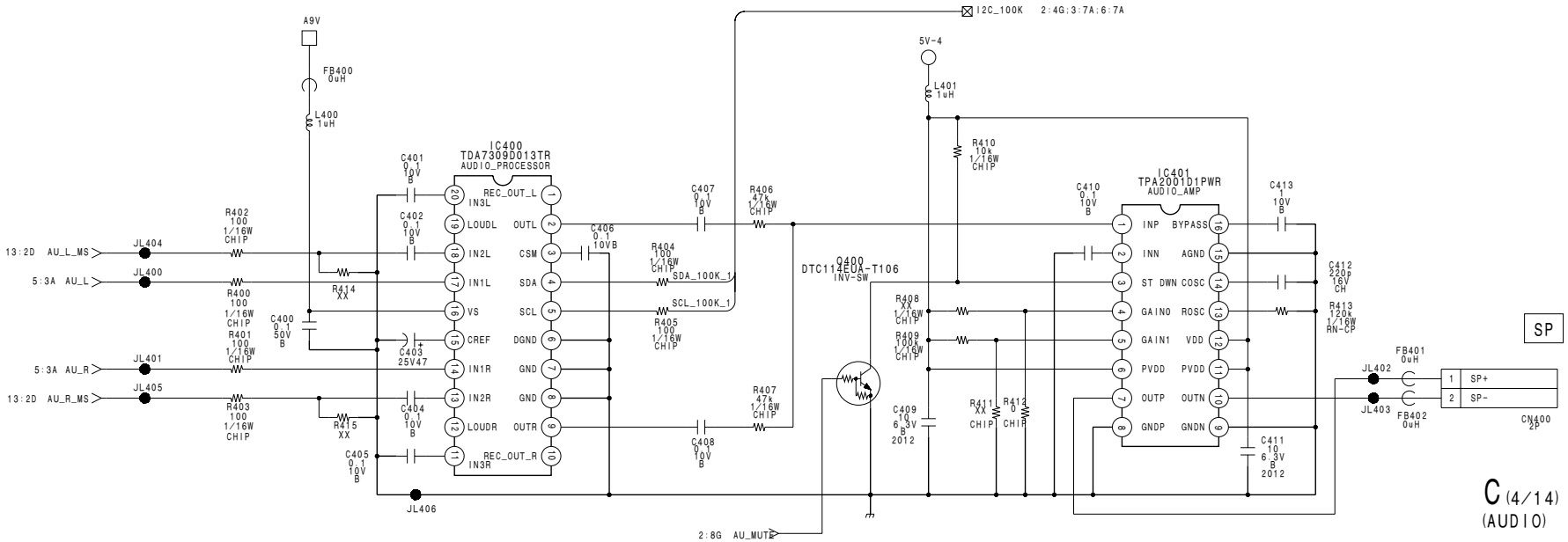
C -B SIDE-
SUFFIX: -11

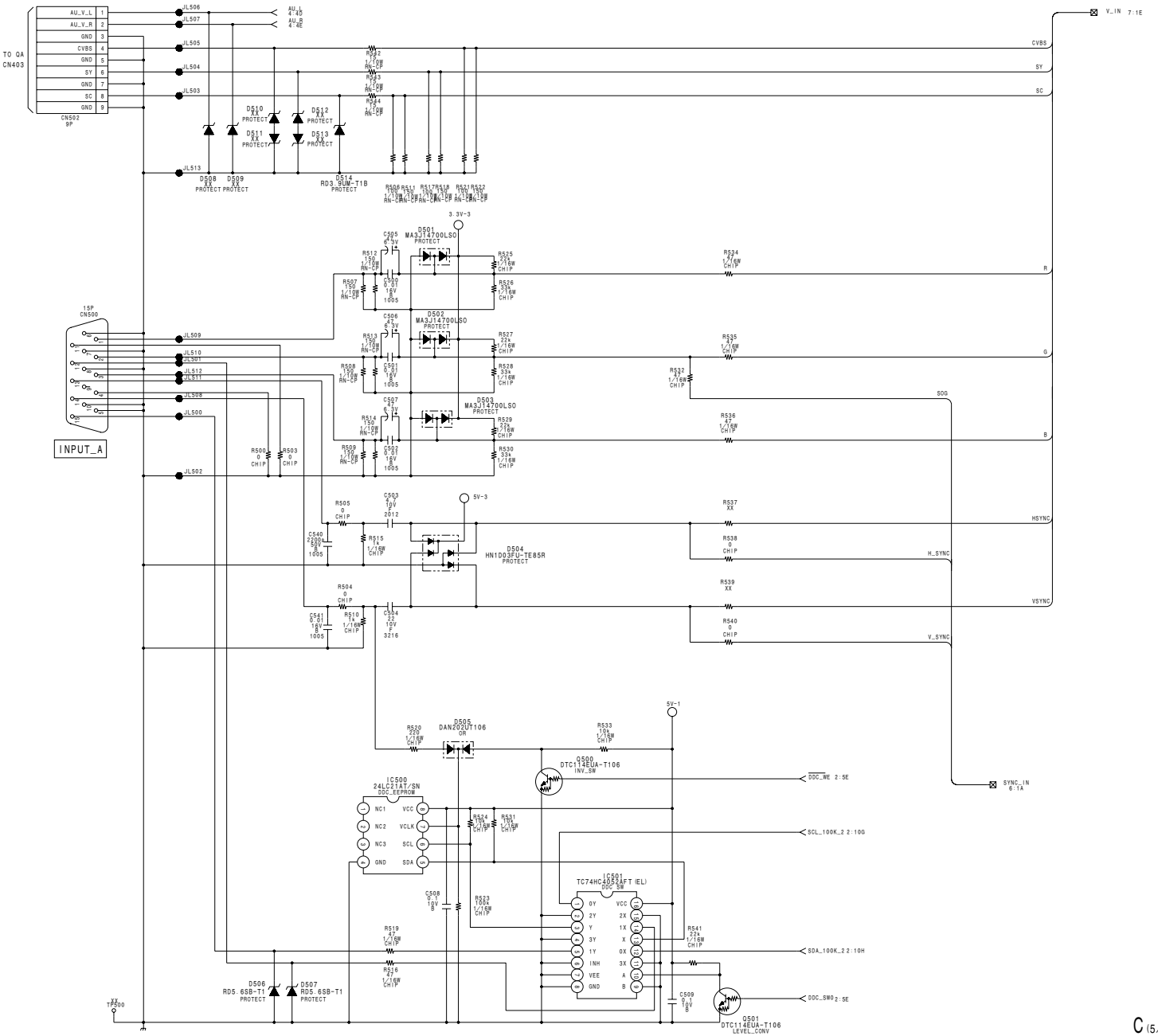


C (1/14)
(INTERFACE TO SMALL BOARDS)

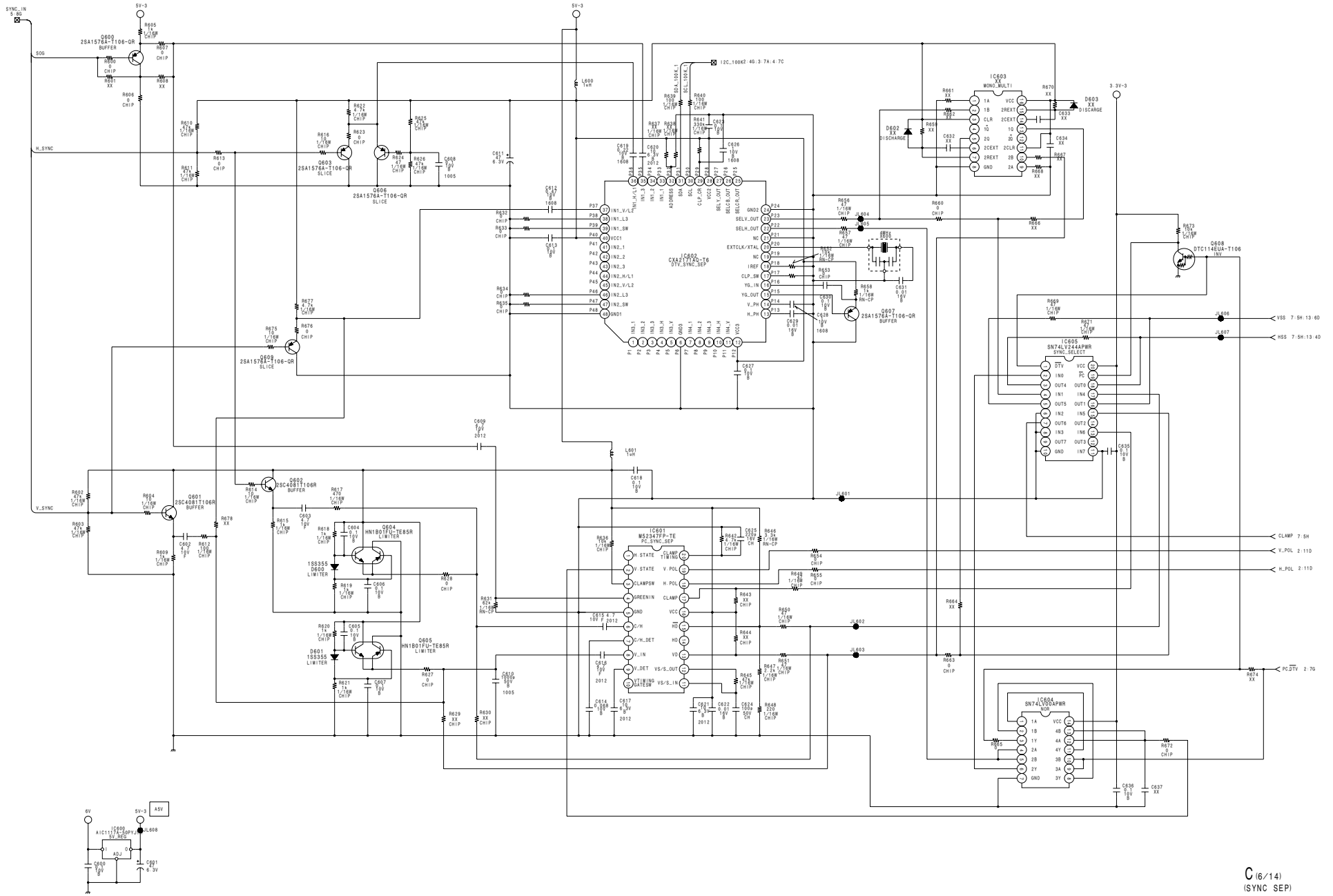

IC202 S-80928CNMC-G8Y-T2 RESET
IC200 74VHC02MTCX NOR GATE
IC201 TC74LCX125FT(EL) SELECT_BUFF
IC203 HD64F2378BVFQ35V MAIN_CPU
IC204 BR24L64F-WE2 EEP_ROM
Q202 HN1B01FU-TE85R RES_SW
D205 HN1D03FU-TE85R
Q200 SSM6N15FU (TE85R) POWER_CONV
Q201 SSM6N15FU (TE85R) LEVEL_CONV
Q203 SSM6N15FU (TE85R) LEVEL_CONV
D201 D1FS4-TA RECTIFIER
D203 D1FS4-TA RECTIFIER
D204 D1FS4-TA RECTIFIER
D209 RD3.3SB-T1 PROTECT
D202 RD3.3SB-T1 PROTECT
D290 MA3J14700LSO PROTECT
CN200 12P
CPU & PW ROW
CPU
CON_PANE
SC_CPU8:3B
MUTE_SC
RXD_SC
TXD_PW
TXD_SC
RXD_PW
INTERLACE
PW_OSD_EN
PANEL_TEMP10:7E
PANEL TEMP
FAN_CONT1
FAN_CONT2
LAMP_TEMP_TH
FAN_CONT3
EXIT_TEMP_TH
DDC_SW
DDC_WC
SCL_400K
SDA_400K
SCL_100K_1
SDA_100K_1
SCL_100K_2
SDA_100K_2
LAMP_COVER
FILT_COVER
POWER_PROT
FAN_PROT
LED_CONT
KEY0
KEY3
KEY4
WLESS_ON 13:2C
MENU_STATUS 13:2C
POWER_ON
LAMP_ON
PSAVE_FCONT 14:11B
PDRV_SCLK 10:1C
V_POL 6:12F
H_POL 6:12F
VS 13:6D
HS 13:4D
WS_EN 13:2C
SIRCS 1:7D 13:2C 13:3H
TILT_Y 1:4C
TILT_X 1:4C
POWER_LED
TEMP_LED
LAMP_LED
PSAVE_LED
SIGCH_FLAG 8:7E
PDRV_SDAT 10:1D
SCL_E 7H
SDA_E 7H
SCL_E 11A
SDA_E 11A
LAMP_POWER
FAN_ON
HAN_ON
LAMP_PROT
ALL resistors are in ohms. W unless otherwise noted.
ALL capacitors are in uF (p:pF) unless otherwise noted.
C (2/14) (MAIN CPU)


IC300
TC74VHCT138AFT (EL)
DECODER FOR OPT CONT
IC301
BA09FP-E2
9V_REG
IC302
TC7WH04FK (TE85R)
INV
IC303
BA09FP-E2
9V_REG
IC304
CXA1875AM-T4
I2C DECODER
IC305
BA6288FS-E2
MOTOR DRIVE
IC306
TC7WH125FK (TE85R)
SHUTTER_CNT_SW
IC307
LMC7101BIM5X
BUFFER
IC308
BA6289F-E2
MOTOR DRIVER
IC320
AF
ZOOM_+
ZOOM_-
FOCUS_+
FOCUS_-
AFREQ
AFBUSY
VCC
GND
CN300
8P
LENZ SHUTTER
CN302
7P
TILT_ADJ
CN301
5P
Q300
DTC114EUA-T106
AFREQ_SW
AF_ADJ 1:2D
AFBUS 2:4D
AFREQ 2:8B
I2C_100K
SDA_100K_1
SCL_100K_1
POWER_9V
A9V
5V-2
13.5V-1
6V
3.3V-2
2:5D
POS_DET
COVER_+
COVER_-
CNT_PL
ENC0
ENC1
ENC2
TH300
TH301
C (3/14)
(CONTROL FOR OPT BLOCK)

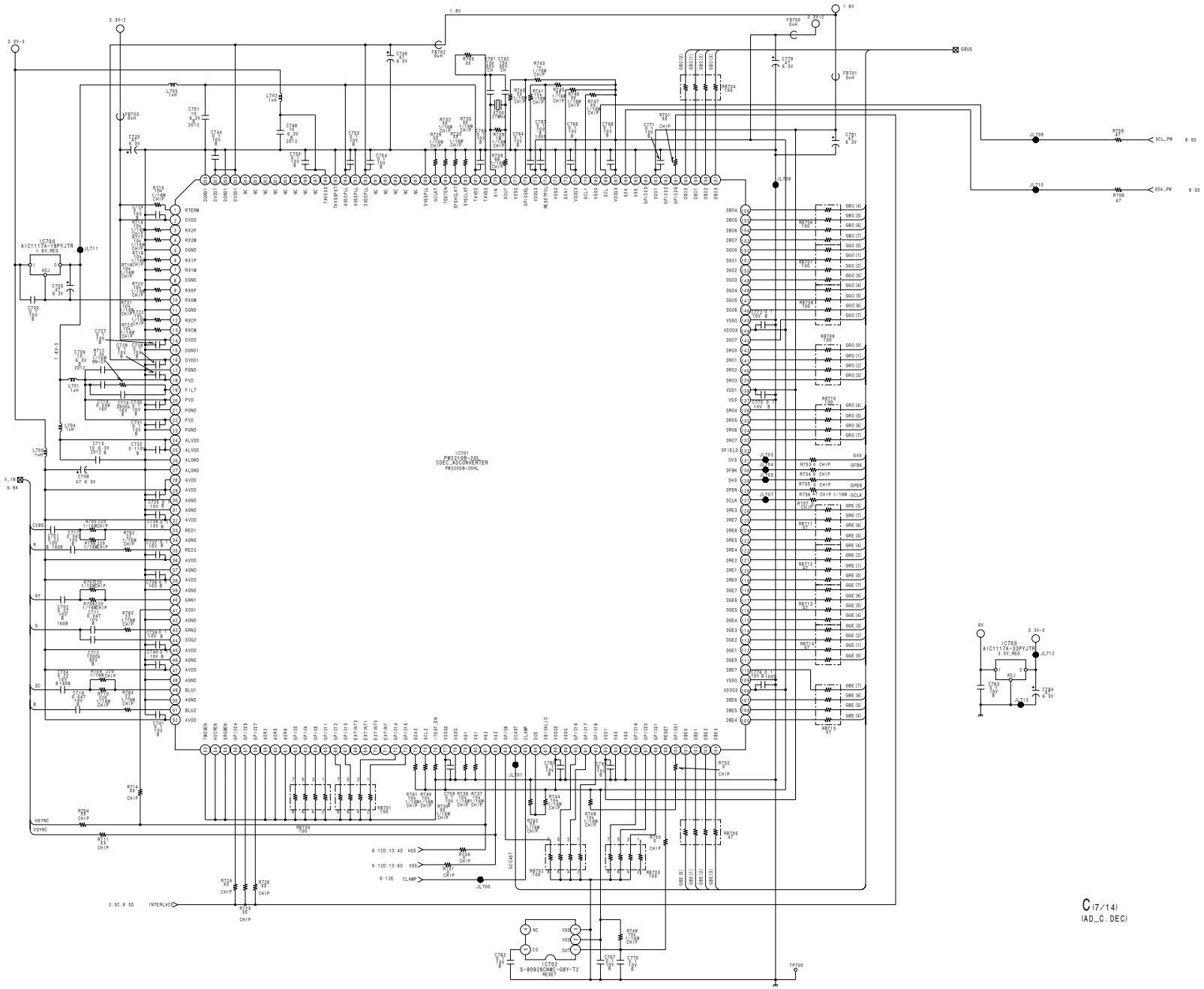

A9V
FB400 0uH
L400 1uH
IC400
TDA7309D013TR
AUDIO_PROCESSOR
REC_OUT_L
IN3L
LOUDL
IN2L
IN1L
VS
CREF
IN1R
IN2R
LOUDR
REC_OUT_R
IN3R
OUTL
CSM
SDA
SCL
DGND
GND
GND
OUTR
I2C_100K 2:4G;3:7A;6:7A
5V-4
L401 1uH
R410 10k 1/16W CHIP
IC401
TPA2001D1PWR
AUDIO_AMP
INP
INN
ST DWN
GAIN0
GAIN1
PVDD
OUTP
GNDP
BYPASS
AGND
COSC
ROSC
VDD
PVDD
OUTN
GNDN
C413 1 10V B
C412 220p 16V CH
R413 120k 1/16W RN-CP
FB401 0uH
FB402 0uH
JL402
JL403
SP
SP+
SP-
CN400 2P
Q400
DTC114EUA-T106
INV-SW
R408 XX 1/16W CHIP
R409 100k 1/16W CHIP
C409 10 6.3V B 2012
R411 XX CHIP
R412 0 CHIP
C411 10 6.3V B 2012
R406 47k 1/16W CHIP
R407 47k 1/16W CHIP
C407 0.1 10V B
C408 0.1 10V B
C406 0.1 10VB
R404 100 1/16W CHIP
R405 100 1/16W CHIP
SDA_100K_1
SCL_100K_1
C401 0.1 10V B
C402 0.1 10V B
C403 25V47
C404 0.1 10V B
C405 0.1 10V B
C400 0.1 50V B
R414 XX
R415 XX
R402 100 1/16W CHIP
R400 100 1/16W CHIP
R401 100 1/16W CHIP
R403 100 1/16W CHIP
JL404
JL400
JL401
JL405
JL406
13:2D AU_L_MS
5:3A AU_L
5:3A AU_R
13:2D AU_R_MS
2:8G AU_MUTE
C (4/14)
(AUDIO)


INPUT_A
CN502
9P
TO QA
CN403
CN500
15P
IC500
24LC21AT/SN
DDC_EEPROM
IC501
TC74HC4052AFT(EL)
DDC SW
D501
MA3J14700LSO
PROTECT
D502
MA3J14700LSO
PROTECT
D503
MA3J14700LSO
PROTECT
D504
HN1D03FU-TE85R
PROTECT
D505
DAN202UT106
CR
D506
RD5.6SB-T1
PROTECT
D507
RD5.6SB-T1
PROTECT
D508
XX
PROTECT
D509
XX
PROTECT
D510
XX
PROTECT
D511
XX
PROTECT
D512
XX
PROTECT
D513
XX
PROTECT
D514
RD3.9UM-T1B
PROTECT
Q500
DTC114EUA-T106
INV_SW
Q501
DTC114EUA-T106
LEVEL_CONV
3.3V-3
5V-3
5V-1
V_IN 7:1E
SYNC_IN 6:1A
CVBS
SY
SC
R
G
B
SOG
HSYNC
H_SYNC
VSYNC
V_SYNC
DDC_WE 2:5E
SCL_100K_2 2:10G
SDA_100K_2 2:10H
DDC_SW0 2:5E

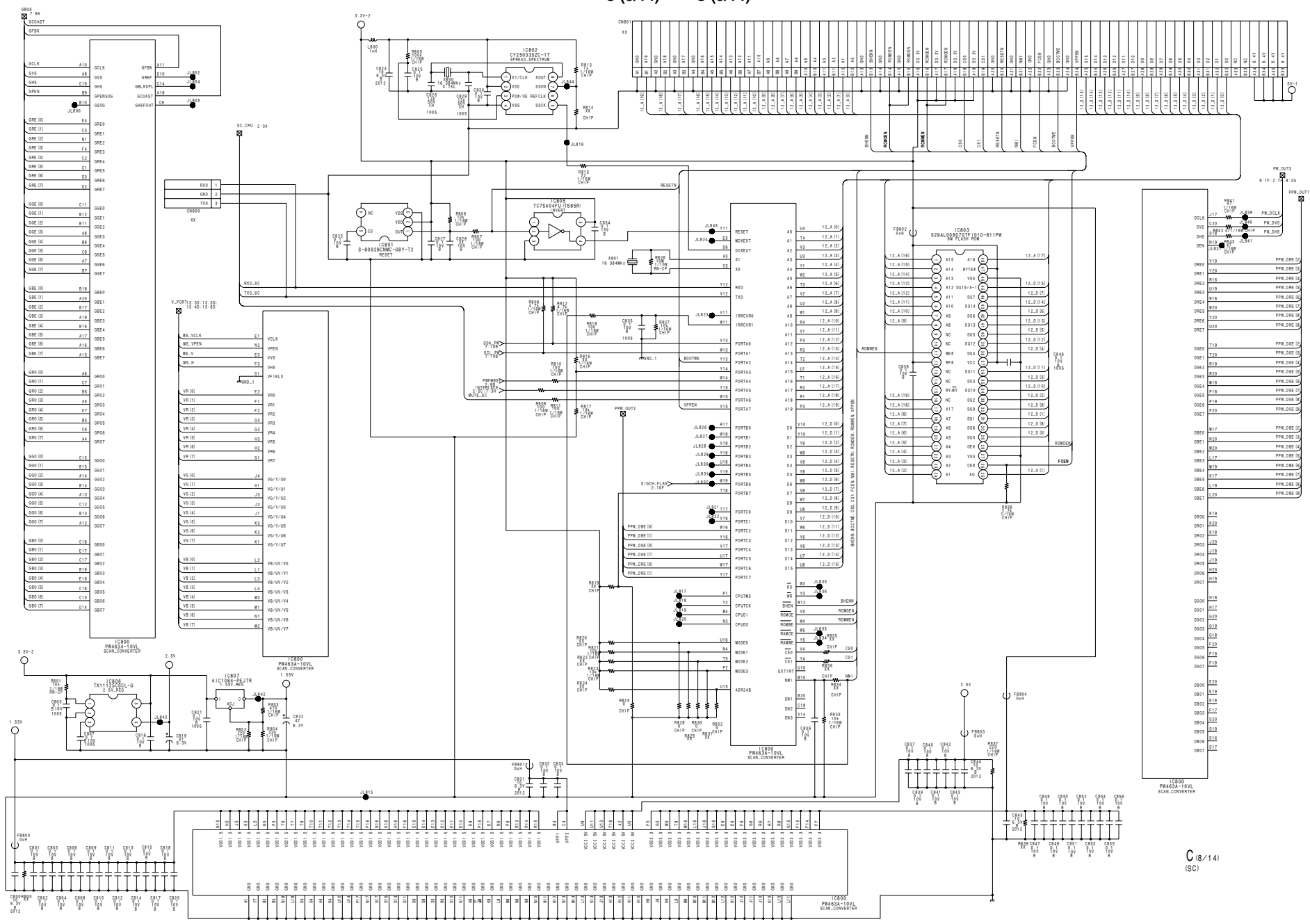
C (5/14)
(INPUT A)

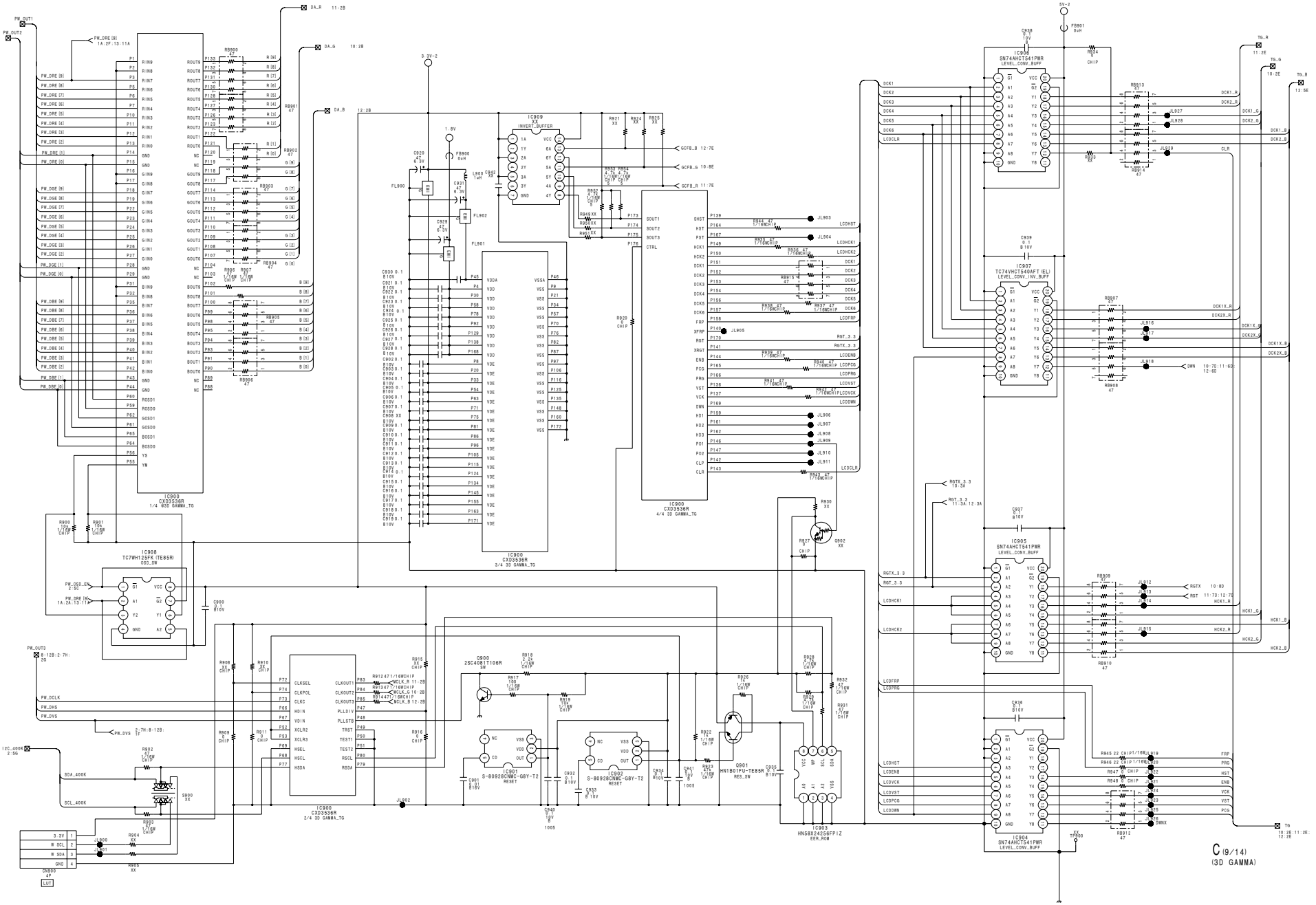


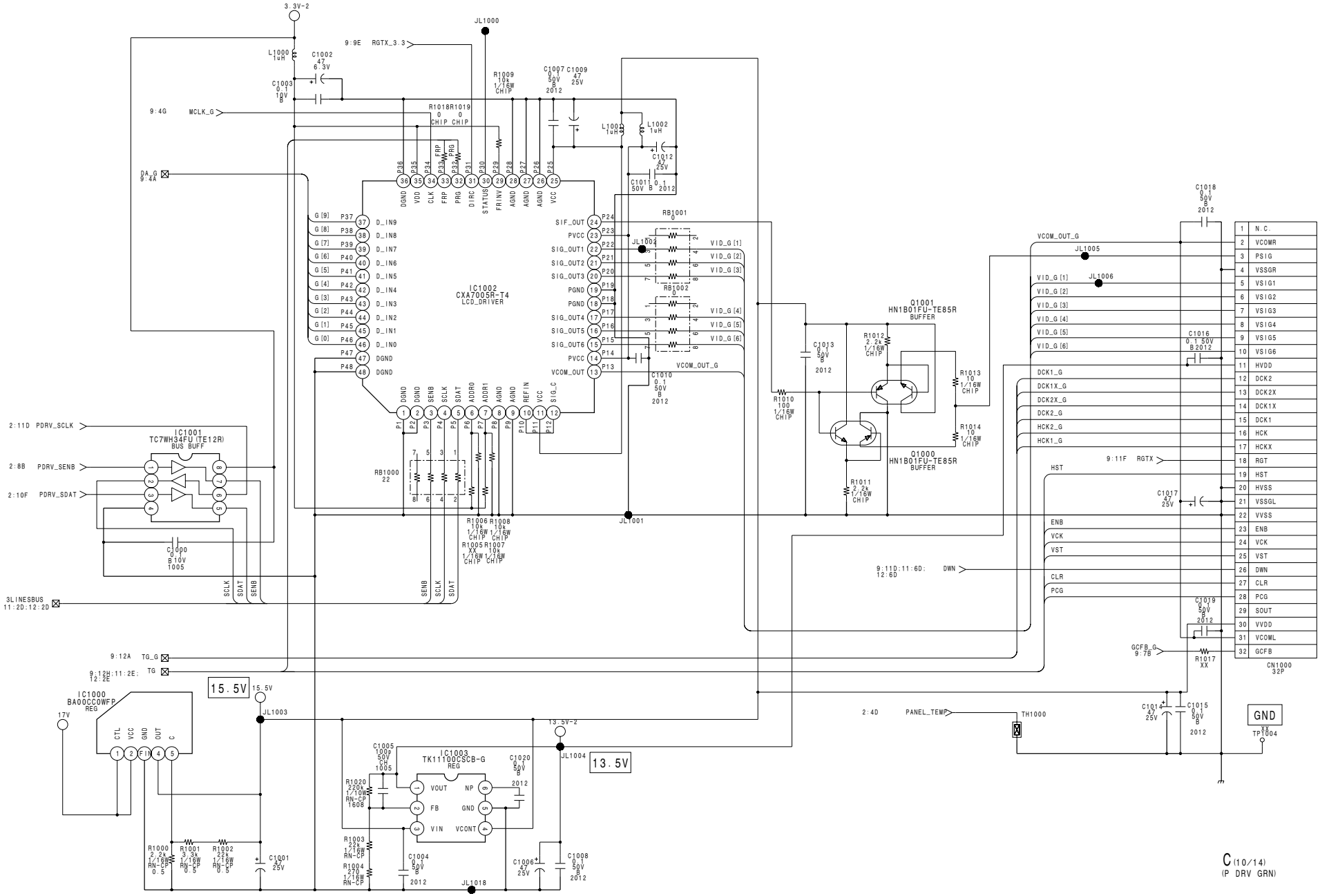
C (6/14)
(SYNC SEP)



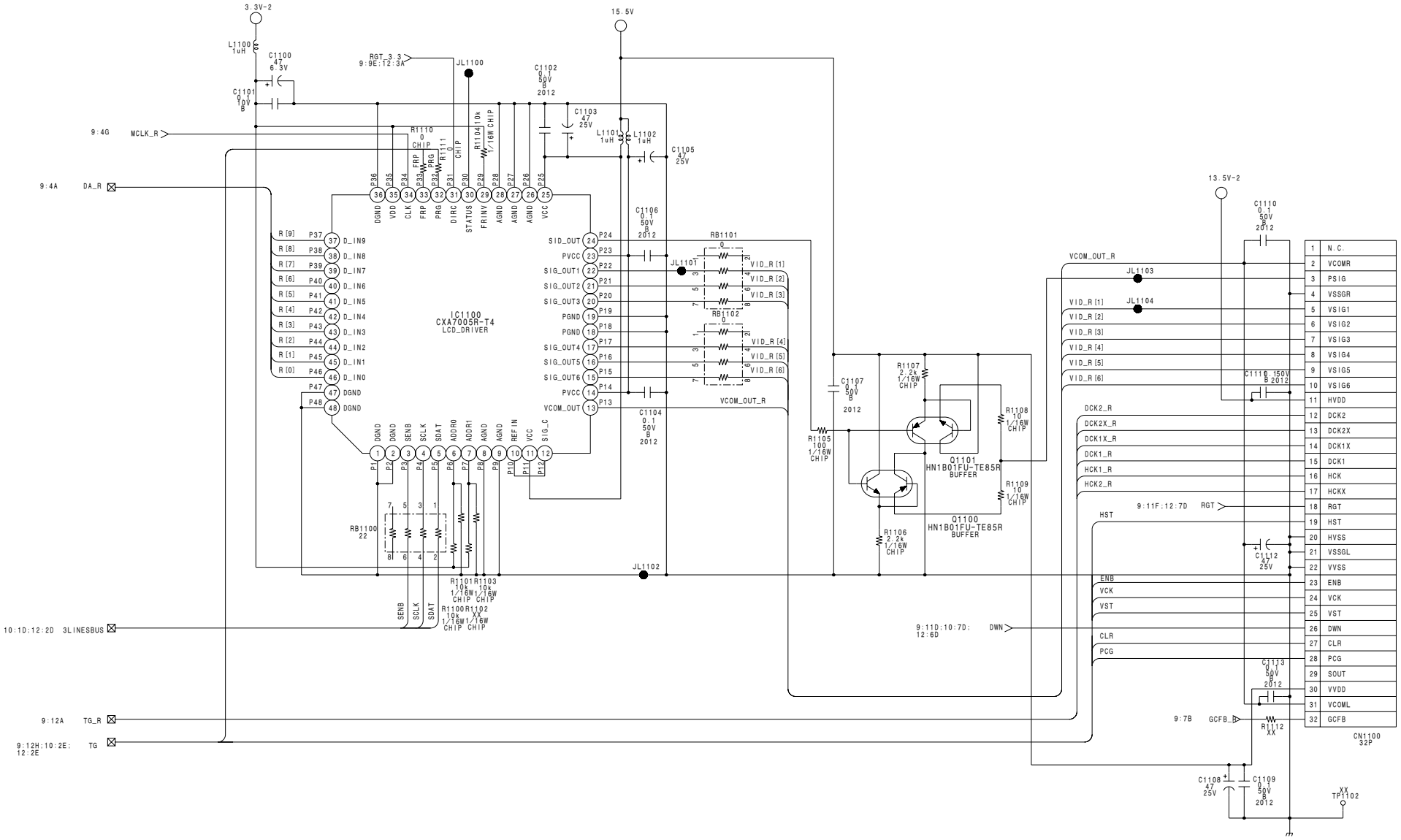
C (7/14)
(AD_C. DEC)



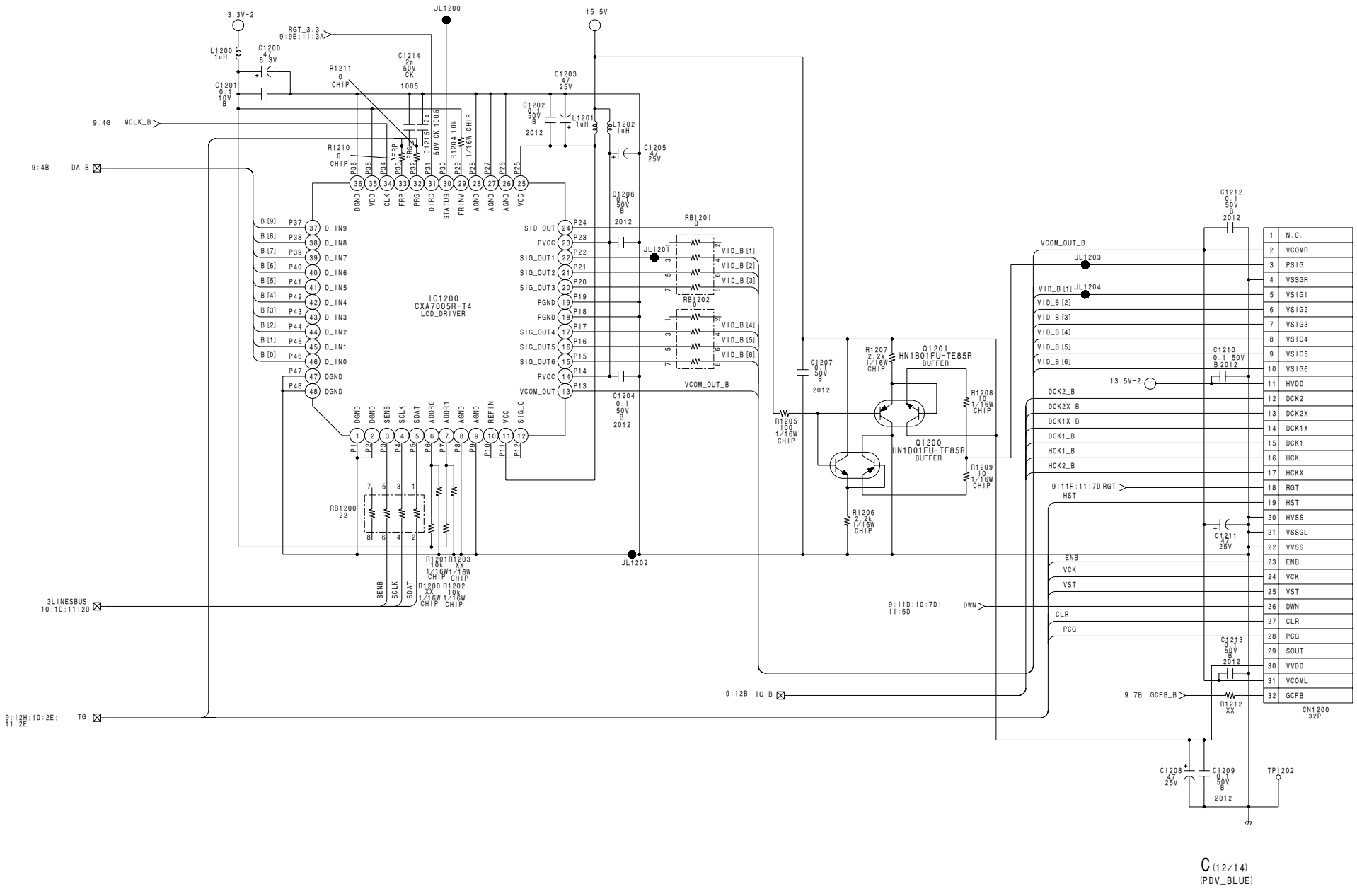

IC900
CXD3536R
1/4 3D GAMMA_TG
IC908
TC7WH125FK (TE85R)
OSD_SW
IC909
XX
INVERT_BUFFER
IC900
CXD3536R
4/4 3D GAMMA_TG
IC900
CXD3536R
3/4 3D GAMMA_TG
IC900
CXD3536R
2/4 3D GAMMA_TG
IC906
SN74AHCT541PWR
LEVEL_CONV_BUFF
IC907
TC74VHCT540AFT (EL)
LEVEL_CONV_INV_BUFF
IC905
SN74AHCT541PWR
LEVEL_CONV_BUFF
IC904
SN74AHCT541PWR
LEVEL_CONV_BUFF
IC901
S-80928CNMC-G8Y-T2
RESET
IC902
S-80928CNMC-G8Y-T2
RESET
IC903
HN58X2425EFPIZ
EEP_ROM
Q900
2SC4081T106R
SW
Q901
HN1B01FU-TE85R
RES_SW
Q902
XX
C (9/14)
(3D GAMMA)


3.3V-2
JL1000
9:9E RGTX_3.3
L1000 1uH
C1002 47 6.3V
C1003 0.1 10V B
9:4G MCLK_G
R1009 10k 1/16W CHIP
C1007 0.1 50V B 2012
C1009 47 25V
R1018 0 CHIP
R1019 0 CHIP
L1001 1uH
L1002 1uH
C1012 47 25V
C1011 0.1 50V B 2012
DA_G 9:4A
P36 DGND
P35 VDD
P34 CLK
P33 FRP
P32 PRG
P31 DIRC
P30 STATUS
P29 FRINV
P28 AGND
P27 AGND
P26 AGND
P25 VCC
G [9] P37 D_IN9
G [8] P38 D_IN8
G [7] P39 D_IN7
G [6] P40 D_IN6
G [5] P41 D_IN5
G [4] P42 D_IN4
G [3] P43 D_IN3
G [2] P44 D_IN2
G [1] P45 D_IN1
G [0] P46 D_IN0
P47 DGND
P48 DGND
IC1002
CXA7005R-T4
LCD_DRIVER
P24 SIF_OUT
P23 PVCC
P22 SIG_OUT1
P21 SIG_OUT2
P20 SIG_OUT3
P19 PGND
P18 PGND
P17 SIG_OUT4
P16 SIG_OUT5
P15 SIG_OUT6
P14 PVCC
P13 VCOM_OUT
RB1001 0
RB1002 0
JL1002
VID_G [1]
VID_G [2]
VID_G [3]
VID_G [4]
VID_G [5]
VID_G [6]
C1010 0.1 50V B 2012
VCOM_OUT_G
P1 DGND
P2 DGND
P3 SENB
P4 SCLK
P5 SDAT
P6 ADDR0
P7 ADDR1
P8 AGND
P9 AGND
P10 REFIN
P11 VCC
P12 SIG_C
2:11D PDRV_SCLK
2:8B PDRV_SENB
2:10F PDRV_SDAT
IC1001
TC7WH34FU (TE12R)
BUS BUFF
C1000 0.1 B 10V 1005
RB1000 22
R1006 10k 1/16W CHIP
R1008 10k 1/16W CHIP
R1005 XX 1/16W CHIP
R1007 10k 1/16W CHIP
SCLK
SDAT
SENB
3LINESBUS 11:2D:12:2D
JL1001
C1013 0.1 50V B 2012
R1010 100 1/16W CHIP
Q1001
HN1B01FU-TE85R
BUFFER
R1012 2.2k 1/16W CHIP
R1013 10 1/16W CHIP
R1014 10 1/16W CHIP
Q1000
HN1B01FU-TE85R
BUFFER
R1011 2.2k 1/16W CHIP
VCOM_OUT_G
JL1005
JL1006
VID_G [1]
VID_G [2]
VID_G [3]
VID_G [4]
VID_G [5]
VID_G [6]
C1018 0.1 50V B 2012
C1016 0.1 50V B 2012
DCK1_G
DCK1X_G
DCK2X_G
DCK2_G
HCK2_G
HCK1_G
9:11F RGTX
HST
C1017 47 25V
ENB
VCK
VST
9:11D:11:6D: 12:6D DWN
CLR
PCG
C1019 0.1 50V B 2012
GCFB_G 9:7B
R1017 XX
1 N.C.
2 VCOMR
3 PSIG
4 VSSGR
5 VSIG1
6 VSIG2
7 VSIG3
8 VSIG4
9 VSIG5
10 VSIG6
11 HVDD
12 DCK2
13 DCK2X
14 DCK1X
15 DCK1
16 HCK
17 HCKX
18 RGT
19 HST
20 HVSS
21 VSSGL
22 VVSS
23 ENB
24 VCK
25 VST
26 DWN
27 CLR
28 PCG
29 SOUT
30 VVDD
31 VCOML
32 GCFB
CN1000 32P
9:12A TG_G
9:12H:11:2E: TG
15.5V
IC1000
BA00CC0WFP
REG
17V
CTL
VCC
GND
OUT
C
JL1003
13.5V-2
JL1004
13.5V
IC1003
TK11100CSCB-G
REG
VOUT
NP
FB
GND
VIN
VCONT
C1005 100p 50V CH 1005
C1020 0 50V B 2012
R1020 220k 1/10W RN-CP 1608
R1003 22k 1/16W RN-CP
R1004 270 1/16W RN-CP
C1004 0.1 50V B 2012
C1006 47 25V
C1008 0.1 50V B 2012
R1000 2.2k 1/16W RN-CP 0.5
R1001 3.3k 1/16W RN-CP 0.5
R1002 22k 1/16W RN-CP 0.5
C1001 47 25V
JL1018
2:4D PANEL_TEMP
TH1000
C1014 47 25V
C1015 0.1 50V B 2012
GND
TP1004
C (10/14)
(P DRV GRN)

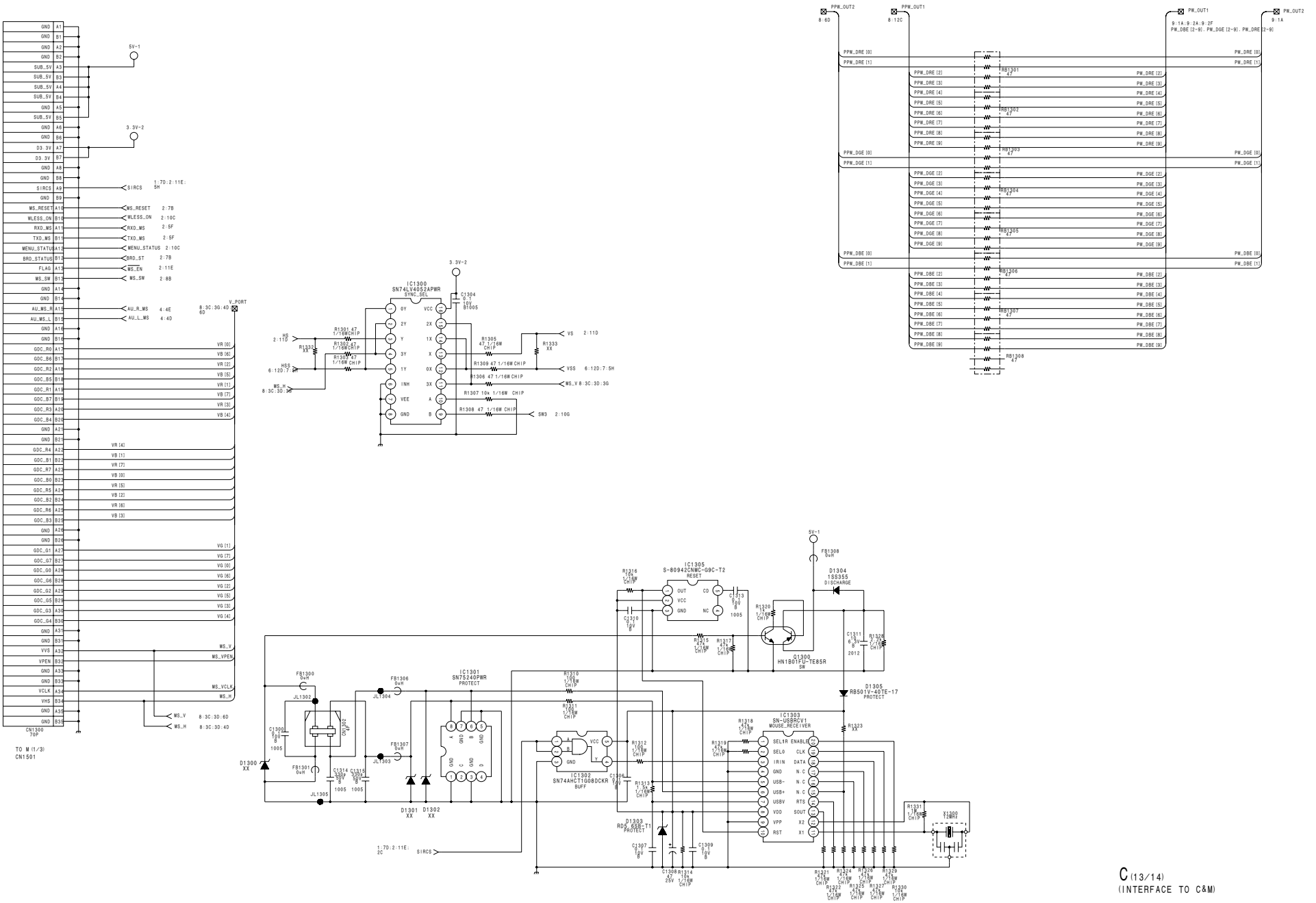
A B C D E F G H



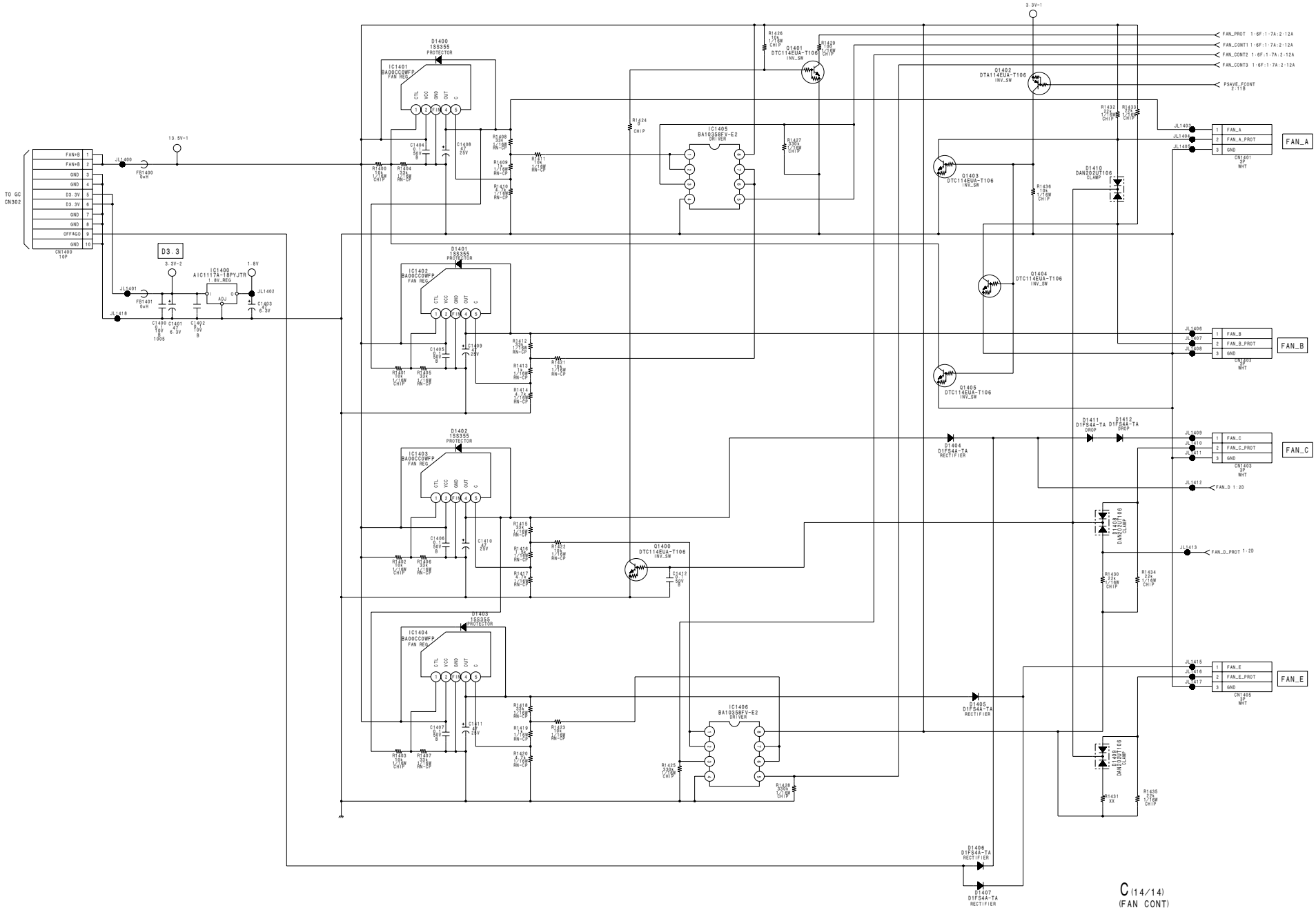
C (11/14)
(P DRV RED)



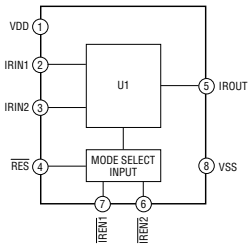
C (12/14)
(PDV_BLUE)



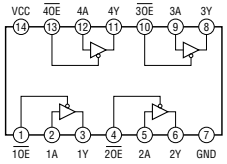
C (13/14)
(INTERFACE TO C&M)


TO GC CN302
CN1400 10P
FAN+B
GND
D3.3V
OFFAGO
D3.3
IC1400 AIC1117A-18PYJTR 1.8V_REG
IC1401 BA00CC0WFP FAN REG
IC1402 BA00CC0WFP FAN REG
IC1403 BA00CC0WFP FAN REG
IC1404 BA00CC0WFP FAN REG
IC1405 BA10358FV-E2 DRIVER
IC1406 BA10358FV-E2 DRIVER
D1400 1SS355 PROTECTOR
D1401 1SS355 PROTECTOR
D1402 1SS355 PROTECTOR
D1403 1SS355 PROTECTOR
Q1400 DTC114EUA-T106 INV_SW
Q1401 DTC114EUA-T106 INV_SW
Q1402 DTA114EUA-T106 INV_SW
Q1403 DTC114EUA-T106 INV_SW
Q1404 DTC114EUA-T106 INV_SW
Q1405 DTC114EUA-T106 INV_SW
D1404 D1FS4A-TA RECTIFIER
D1405 D1FS4A-TA RECTIFIER
D1406 D1FS4A-TA RECTIFIER
D1407 D1FS4A-TA RECTIFIER
D1411 D1FS4A-TA DROP
D1412 D1FS4A-TA DROP
D1408 DAN202UT106 CLAMP
D1409 DAN202UT106 CLAMP
D1410 DAN202UT106 CLAMP
FAN_A
FAN_A_PROT
FAN_B
FAN_B_PROT
FAN_C
FAN_C_PROT
FAN_D 1:2D
FAN_D_PROT 1:2D
FAN_E
FAN_E_PROT
GND
FAN_PROT 1:6F:1:7A:2:12A
FAN_CONT1 1:6F:1:7A:2:12A
FAN_CONT2 1:6F:1:7A:2:12A
FAN_CONT3 1:6F:1:7A:2:12A
PSAVE_FCONT 2:11B
3.3V-1
13.5V-1
1.8V
C (14/14)
(FAN CONT)

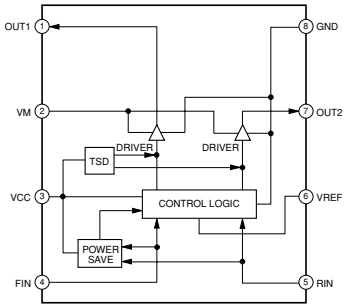
C (1/14) IRMF-A0T-QTP (IC103)



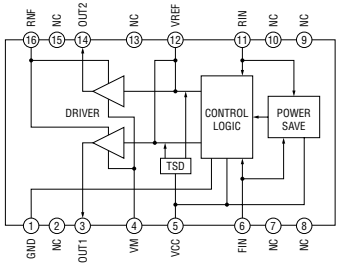
C (2/14) TC74LCX125FT (EL) (IC201)



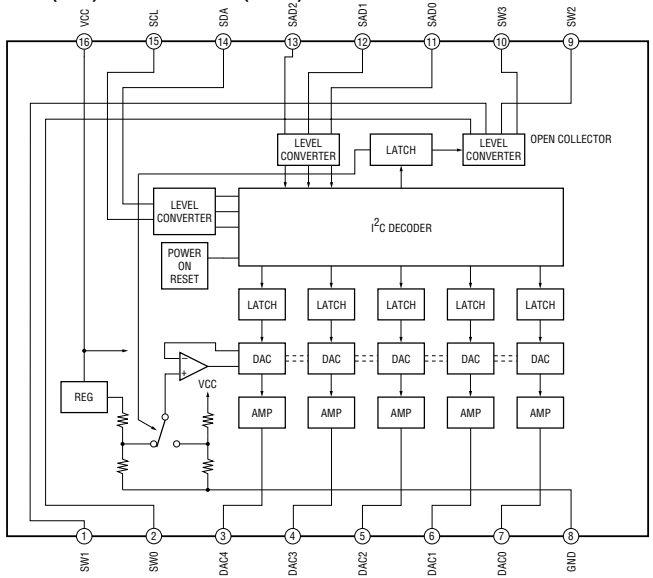
C (3/14) BA6287F-E2 (IC308)



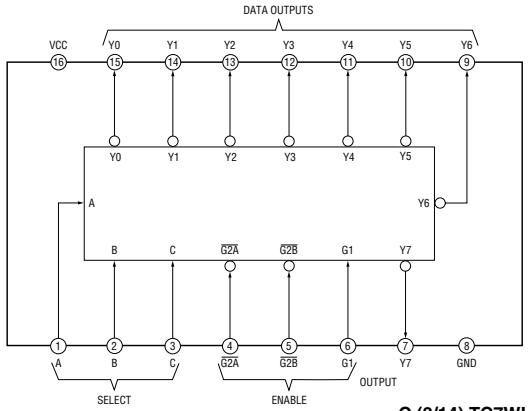
C (3/14) BA6288FS (E2) (IC305)



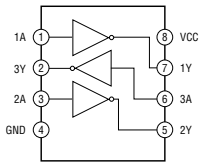
C (3/14) CXA1875AM-T4 (IC304)



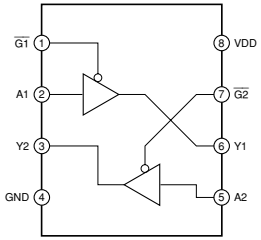
C (3/14) TC74VHCT138AFT (EL) (IC300)



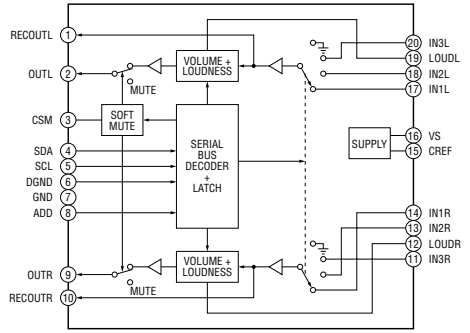
C (3/14) TC7WH04FK(TE85R) (IC302)



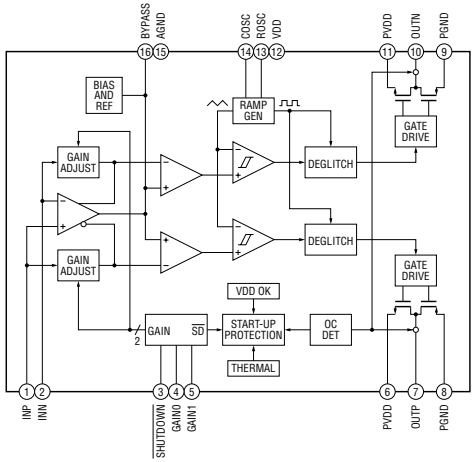
C (3/14) TC7WH125FK (TE85R) (IC306)



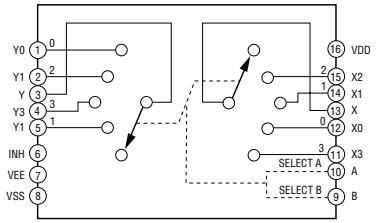
C (4/14) TDA7309D013TR (IC400)



C (4/14) TPA2001D1PWR (IC401)

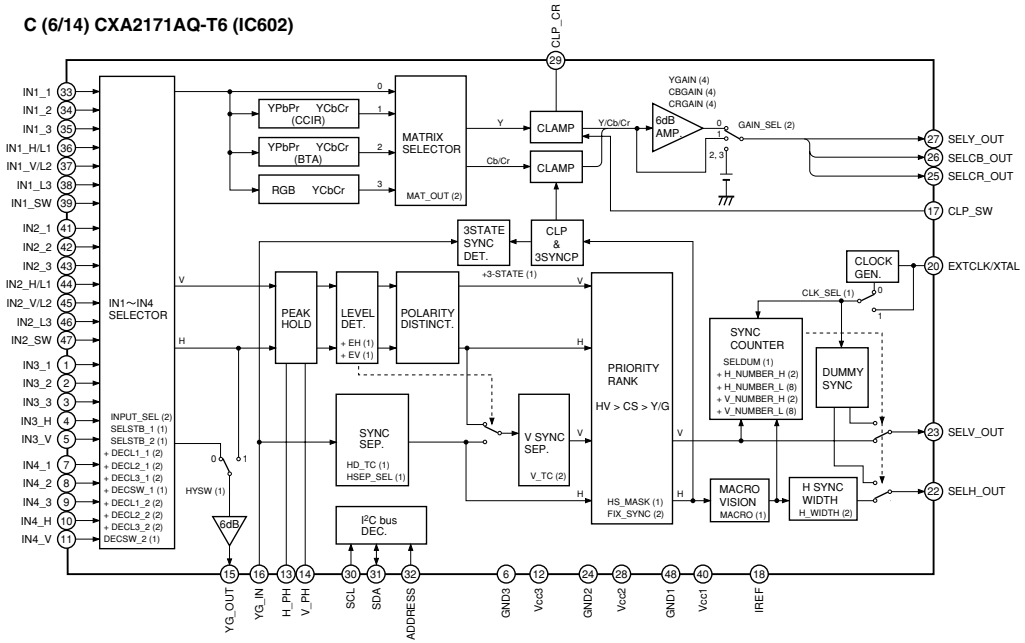


C (5/14) TC74HC4052AFT(EL) (IC501)

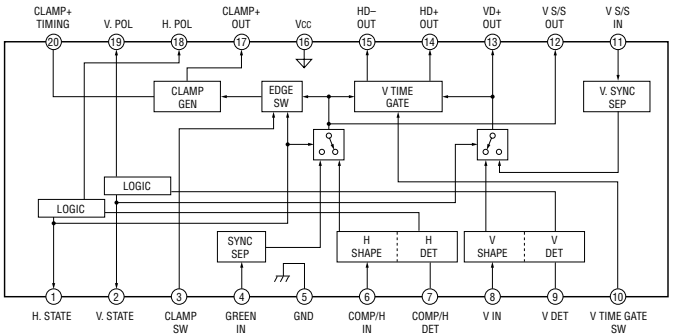


C C

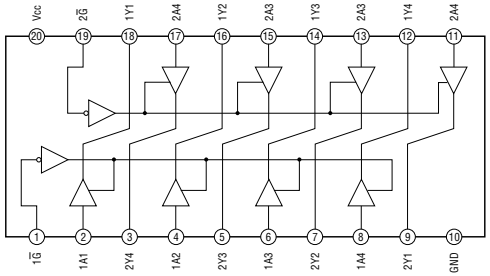
C (6/14) CXA2171AQ-T6 (IC602)



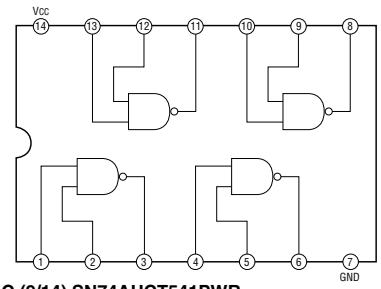
C (6/14) M52347FP-TE (IC601)



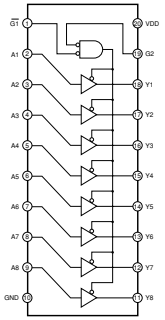
C (6/14) SN74LV244APWR (IC605)



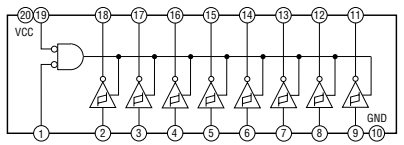
C (6/14) SN74LV00APWR (IC604)



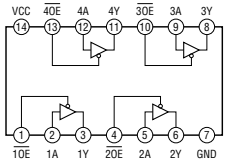
C (9/14) SN74AHCT541PWR (IC904, IC905, IC906)



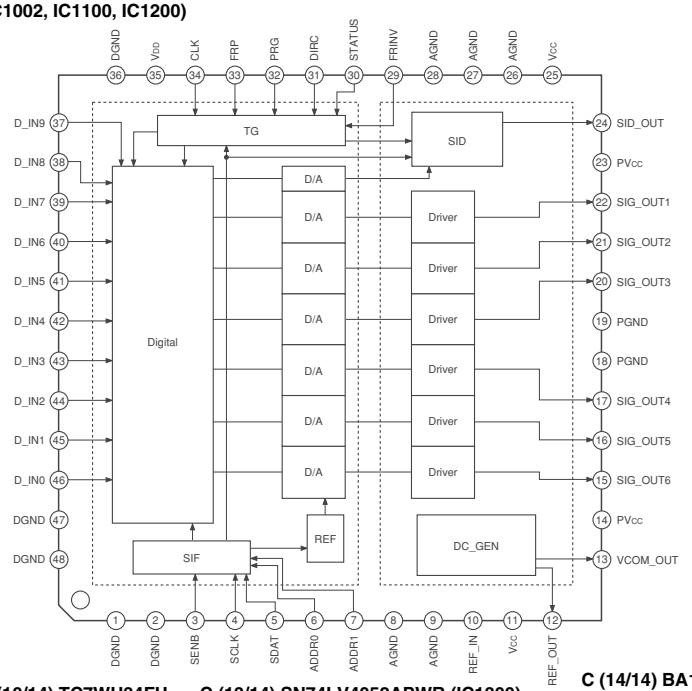
C (9/14) TC74VHCT540AFT(EL) (IC907)



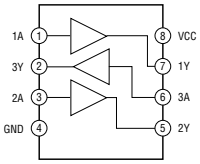
C (9/14) TC7WH125FK(TE85R) (IC908)



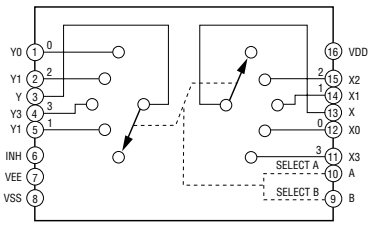
C (10/14), (11/14), (12/14) CXA7005R-T4 (IC1002, IC1100, IC1200)



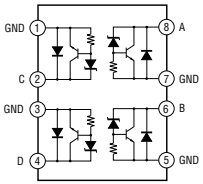
C (10/14) TC7WH34FU (TE12R) (IC1001)



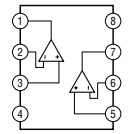
C (13/14) SN74LV4052APWR (IC1300)



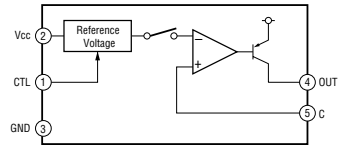
C (13/14) SN75240PWR(IC1301)

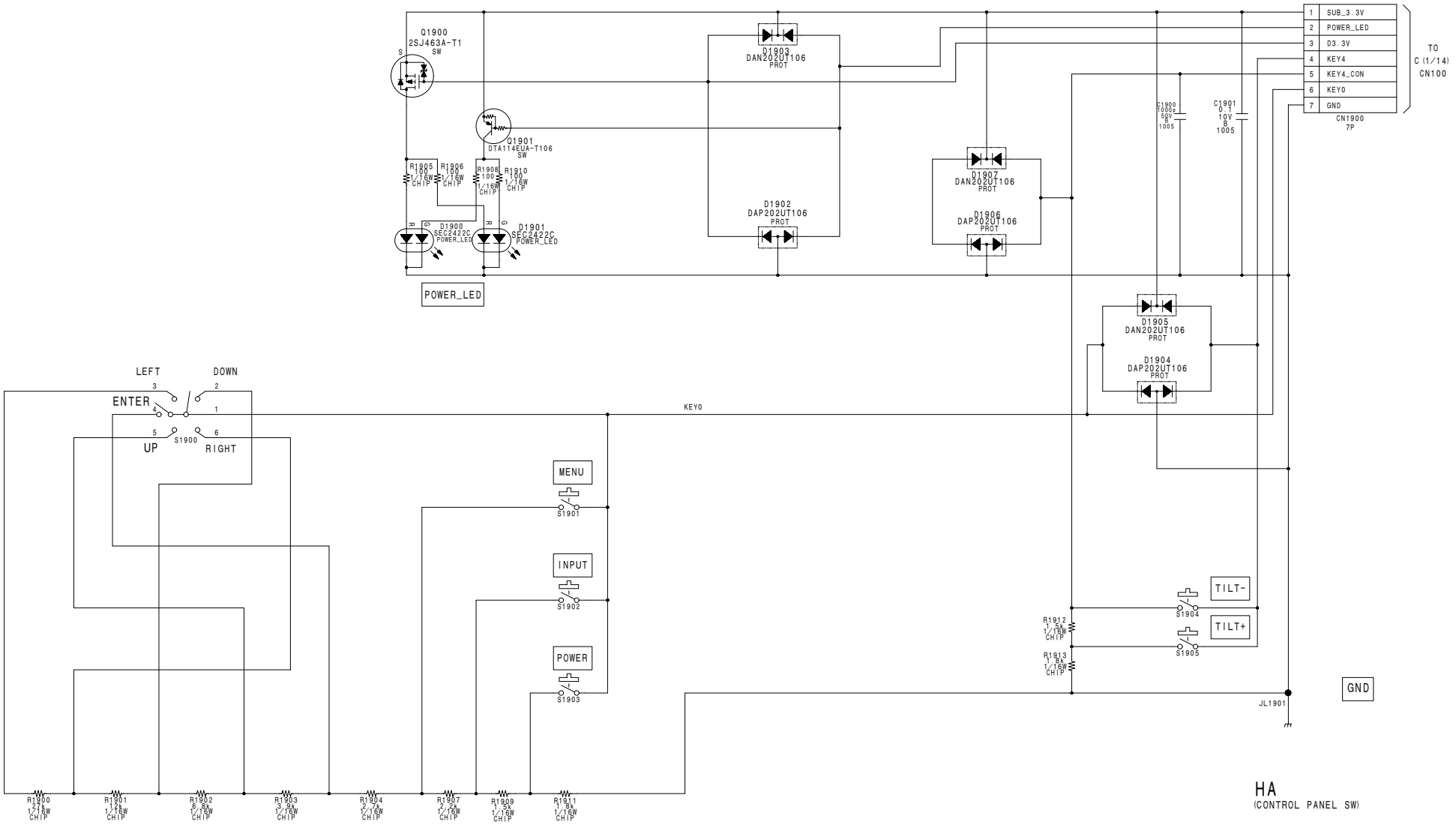


C (14/14) BA10358FV-E2 (IC1405, IC1406)

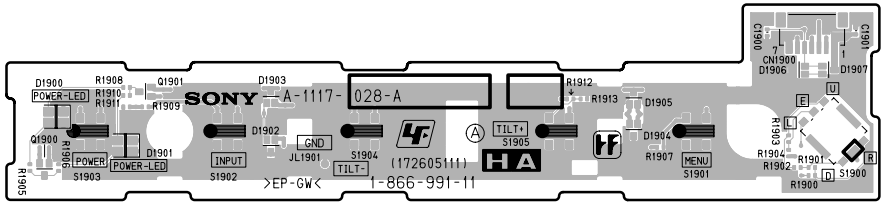


C (14/14) BA00ASFP-E2 (IC1401, IC1402, IC1403, IC1404)

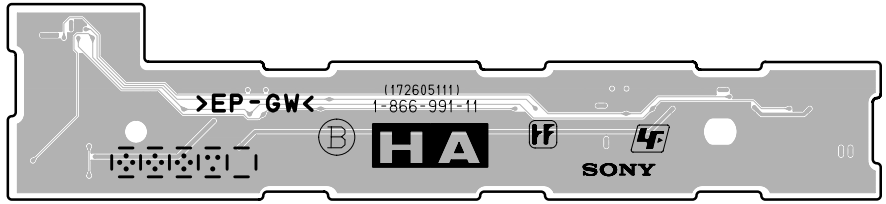




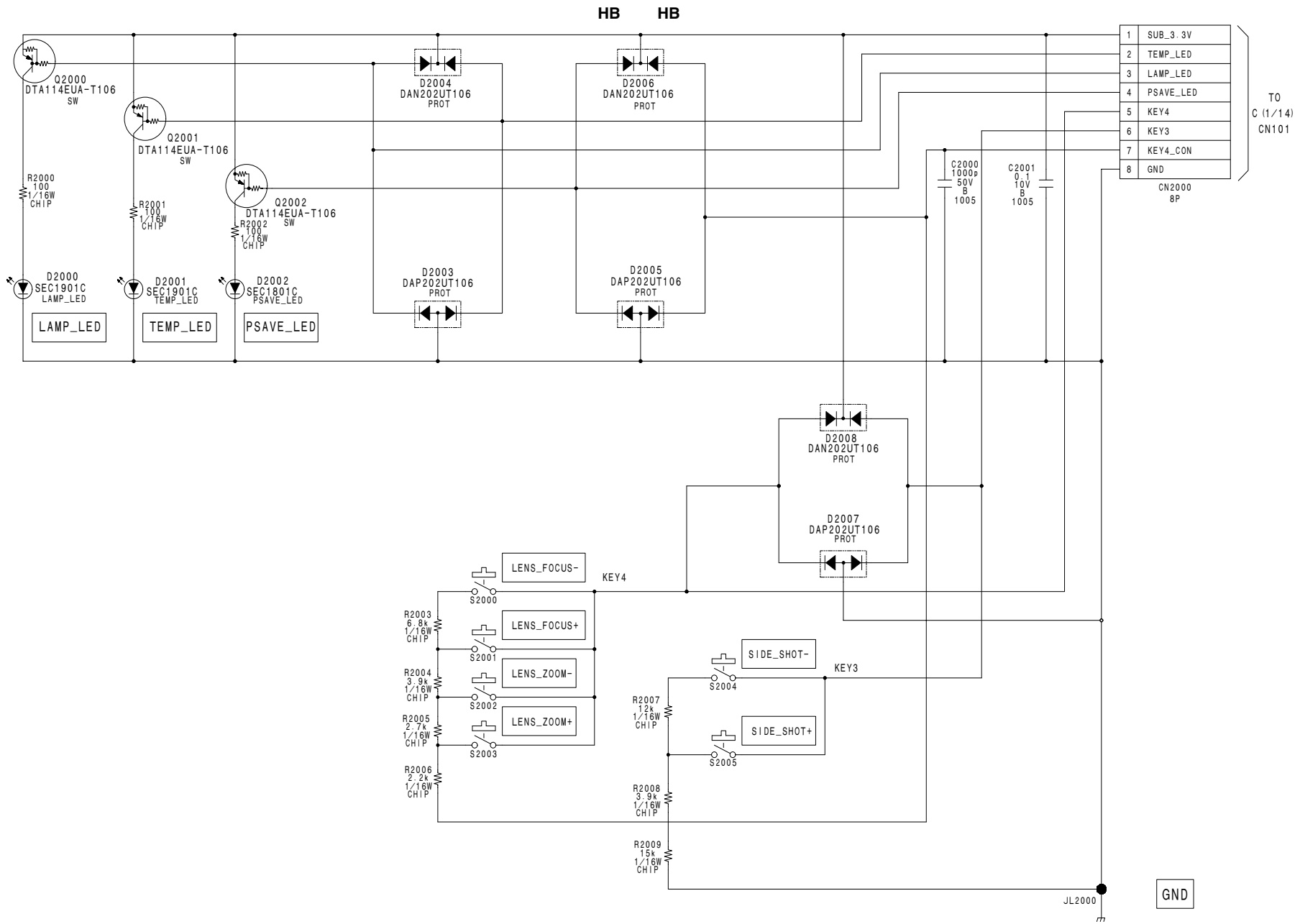
HA
(CONTROL PANEL SW)



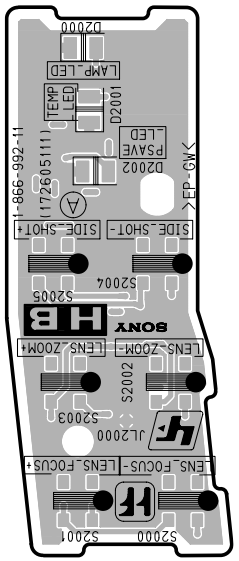
HA -A SIDE-
SUFFIX: -11



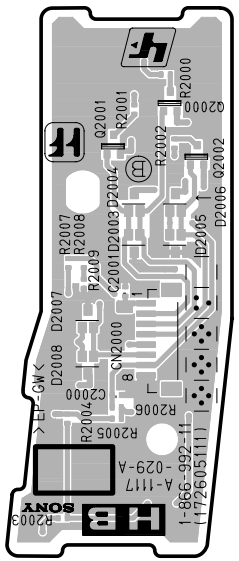
HA -B SIDE-
SUFFIX: -11



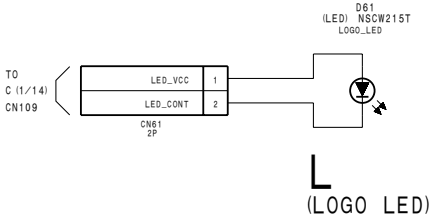
HB
(CONTROL PANEL SW)



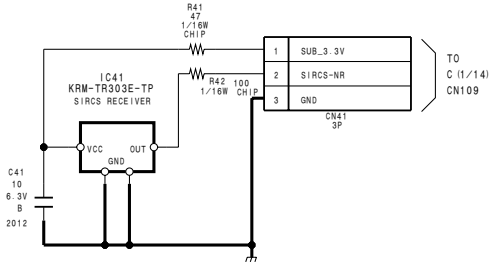
HB -A SIDE-
SUFFIX: -11



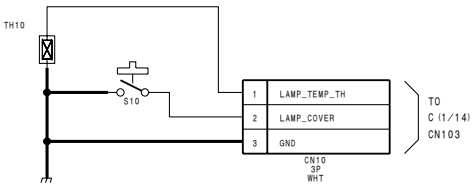
HB -B SIDE-
SUFFIX: -11



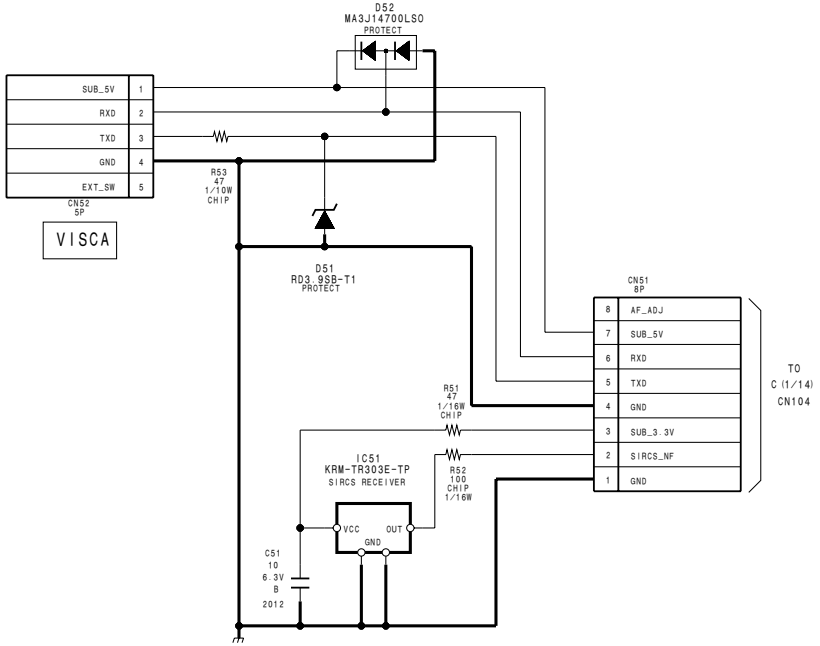
L
(LOGO LED)



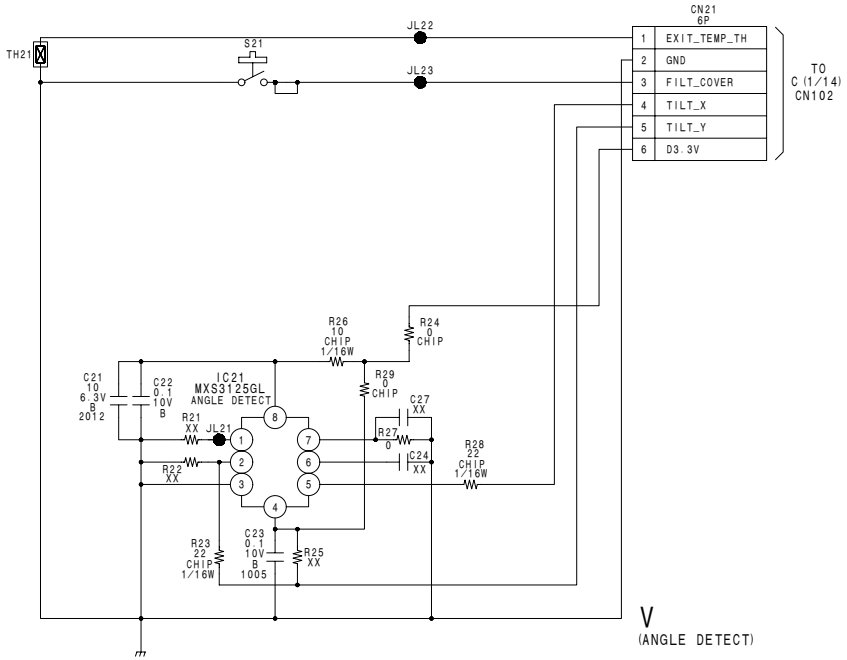
NR
(SIRCS RECEIVER)



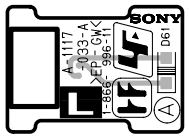
U
(LAMP COVER SW)



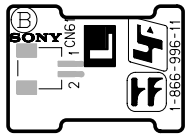
NF
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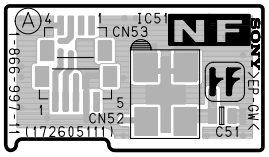
V
(ANGLE DETECT)



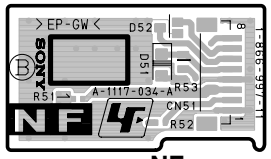
L -A SIDE-
SUFFIX: -11



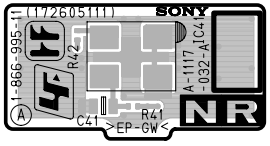
L -B SIDE-
SUFFIX: -11



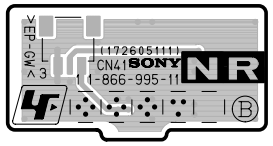
NF -A SIDE-
SUFFIX: -11



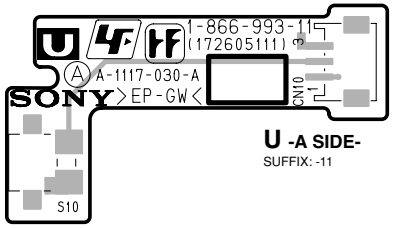
NF -B SIDE-
SUFFIX: -11



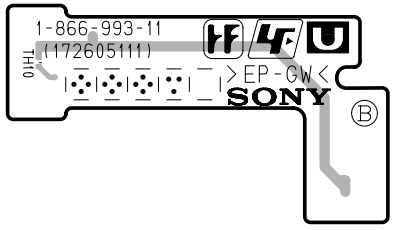
NR -A SIDE-
SUFFIX: -11



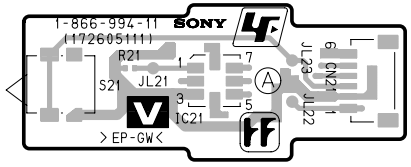
NR -B SIDE-
SUFFIX: -11



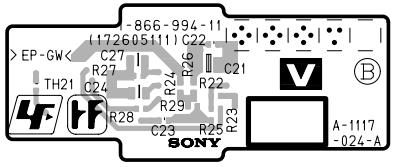
U -A SIDE-
SUFFIX: -11



U -B SIDE-
SUFFIX: -11

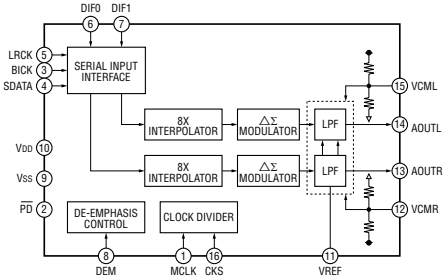


V -A SIDE-
SUFFIX: -11

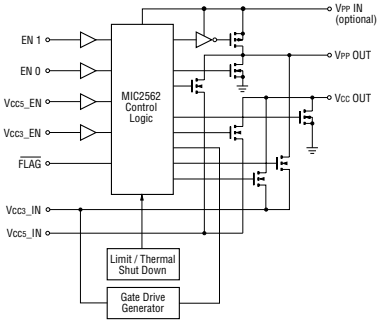


V -B SIDE-
SUFFIX: -11

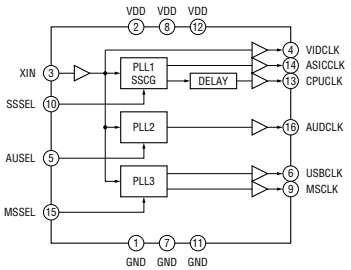
M (1/3) AK4352VT-E2 (IC1505)

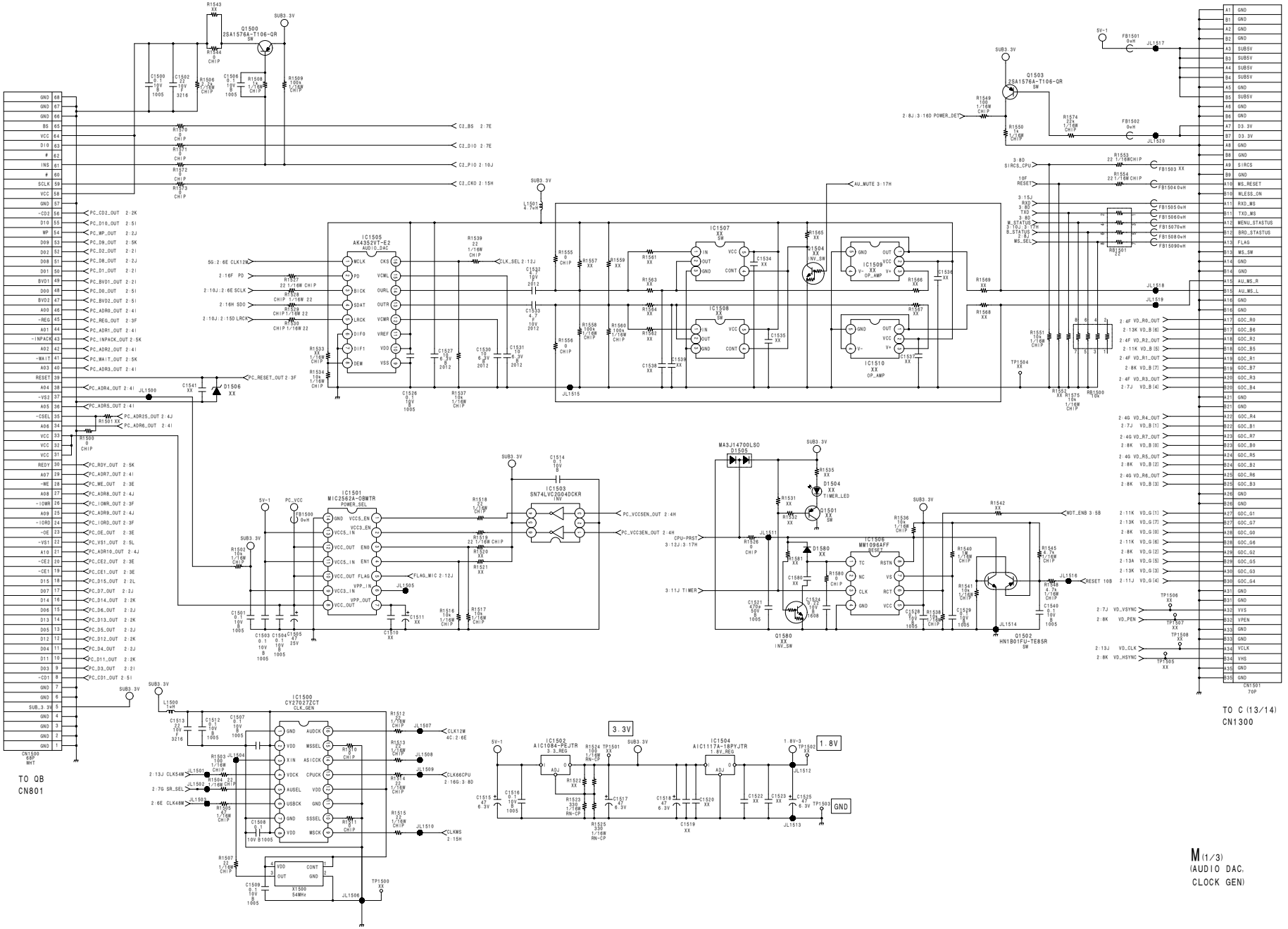


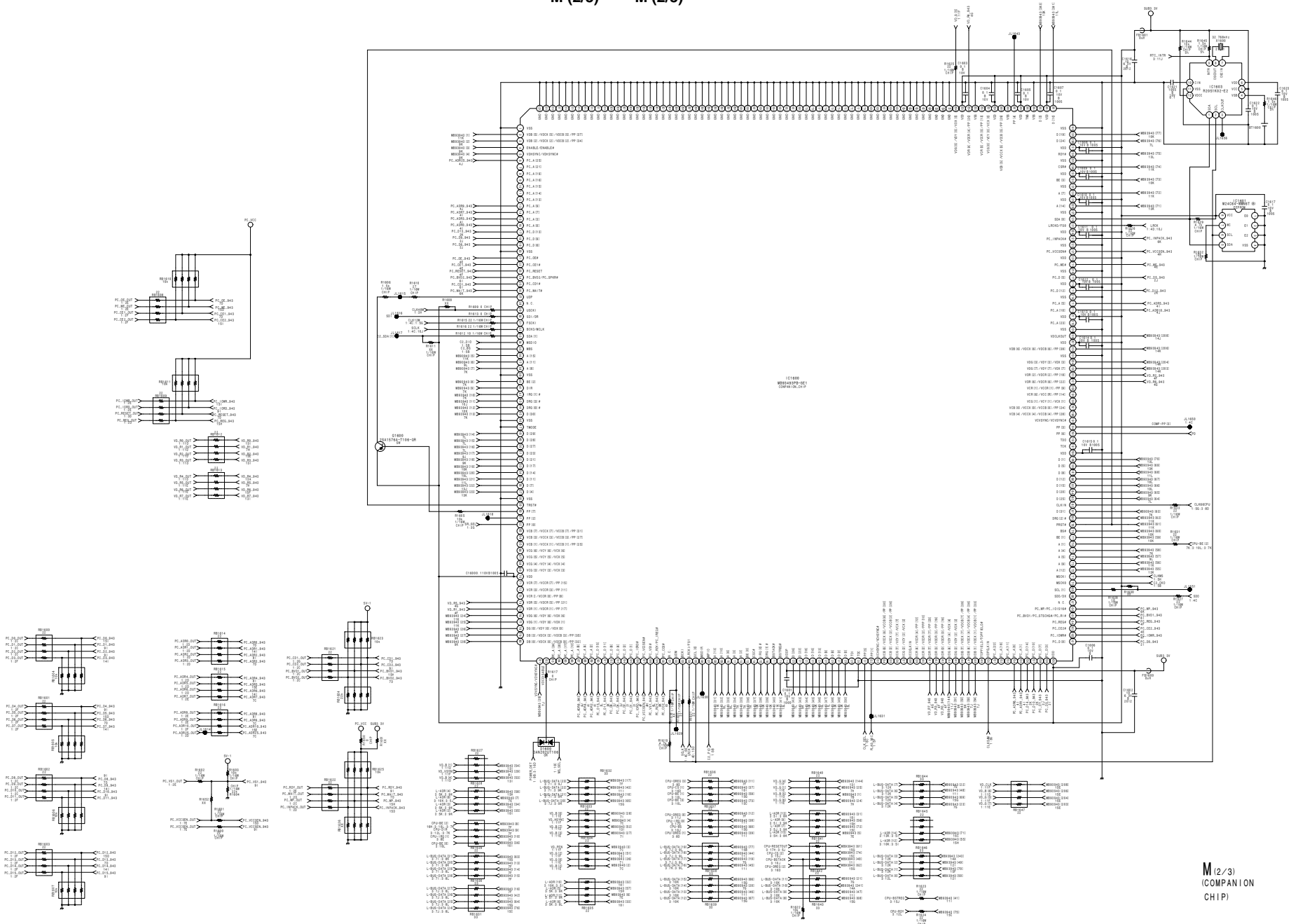
M (1/3) MIC2562A-OBMTR (IC1501)



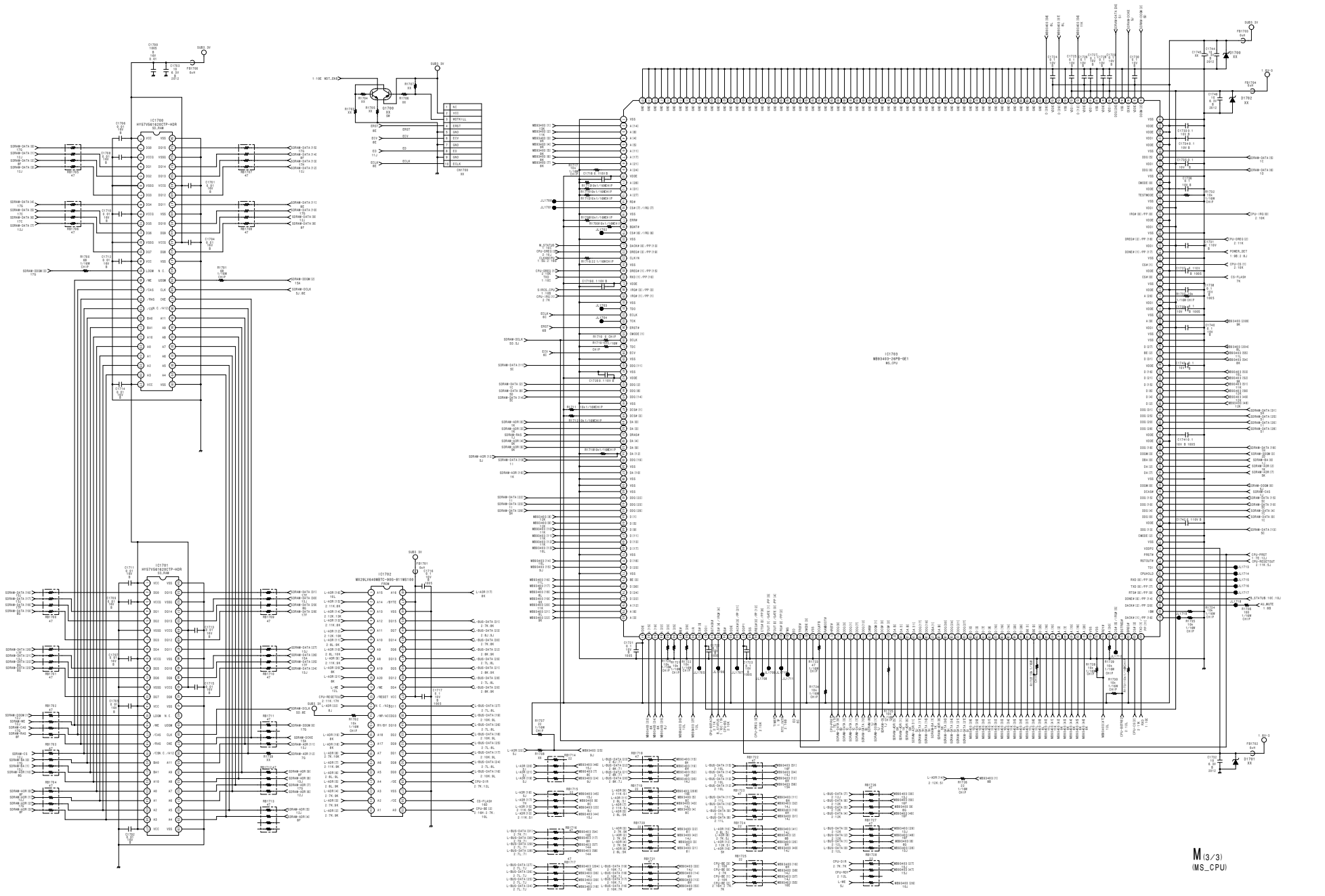
M (1/3) CY27027ZCT (IC1500)




IC1505 AK4352VT-E2 AUDIO_DAC
IC1500 CY27027ZCT CLK_GEN
IC1501 MIC2562A-0BMTR POWER_SEL
IC1502 AIC1084-PEJTR 3.3_REG
IC1503 SN74LVC2G04DCKR INV
IC1504 AIC1117A-18PYJTR 1.8V_REG
IC1505 MM1096AFF RESET
IC1507 SW
IC1508 SW
IC1509 OP_AMP
IC1510 OP_AMP
Q1500 2SA1576A-T106-QR SW
Q1503 2SA1576A-T106-QR SW
Q1502 HN1B01FU-TE85R SW
D1504 TIMER_LED
D1506
D1580
MA3J14700LSO D1505
X1500 54MHz
TO QB CN801
TO C (13/14) CN1300
CN1500 68P WHT
CN1501 70P
M (1/3) (AUDIO DAC, CLOCK GEN)



M (2/3)
(COMPANION CHIP)

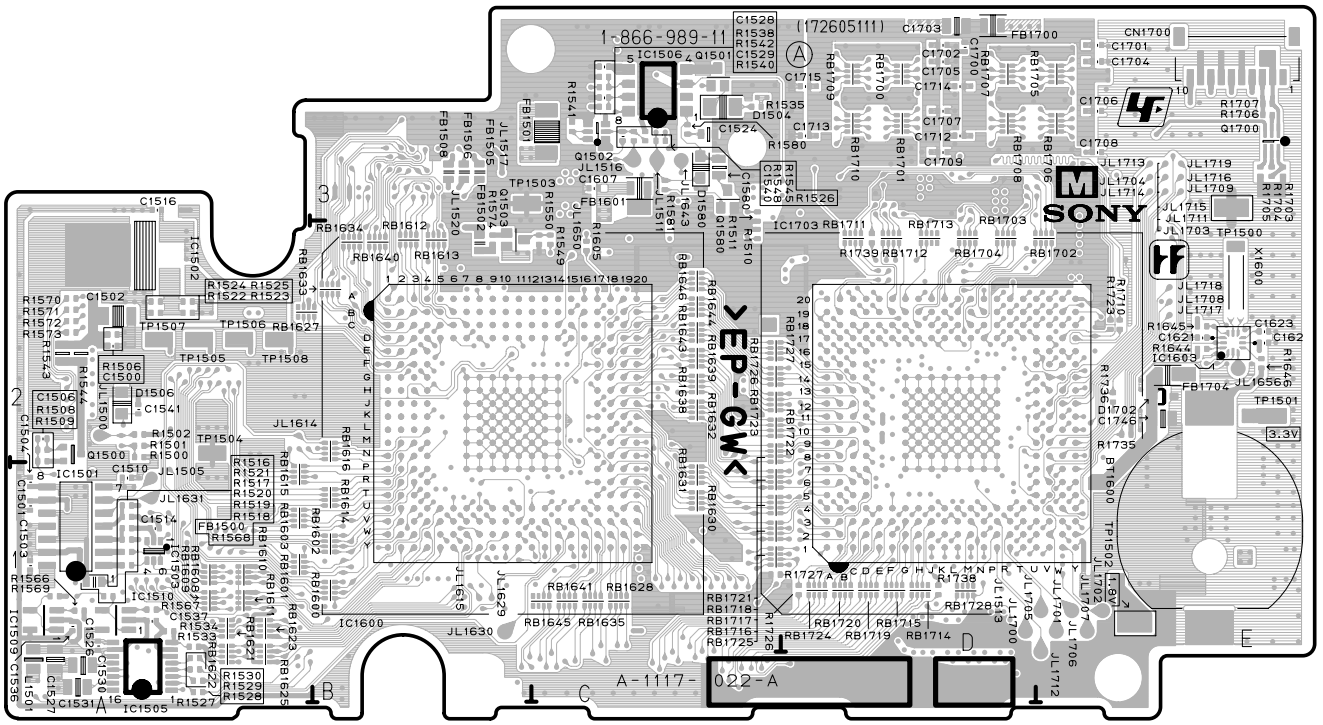


M (3/3)
(MS_CPU)

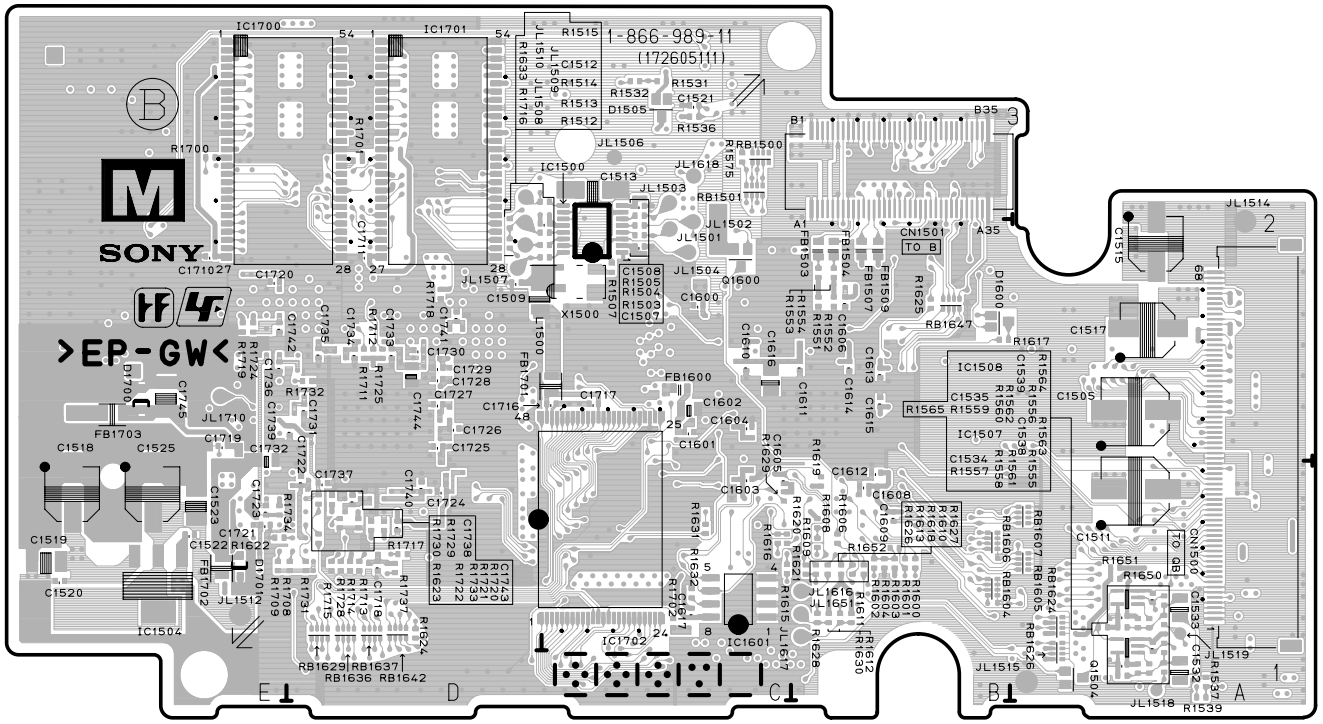
M BOARD

*: B SIDE

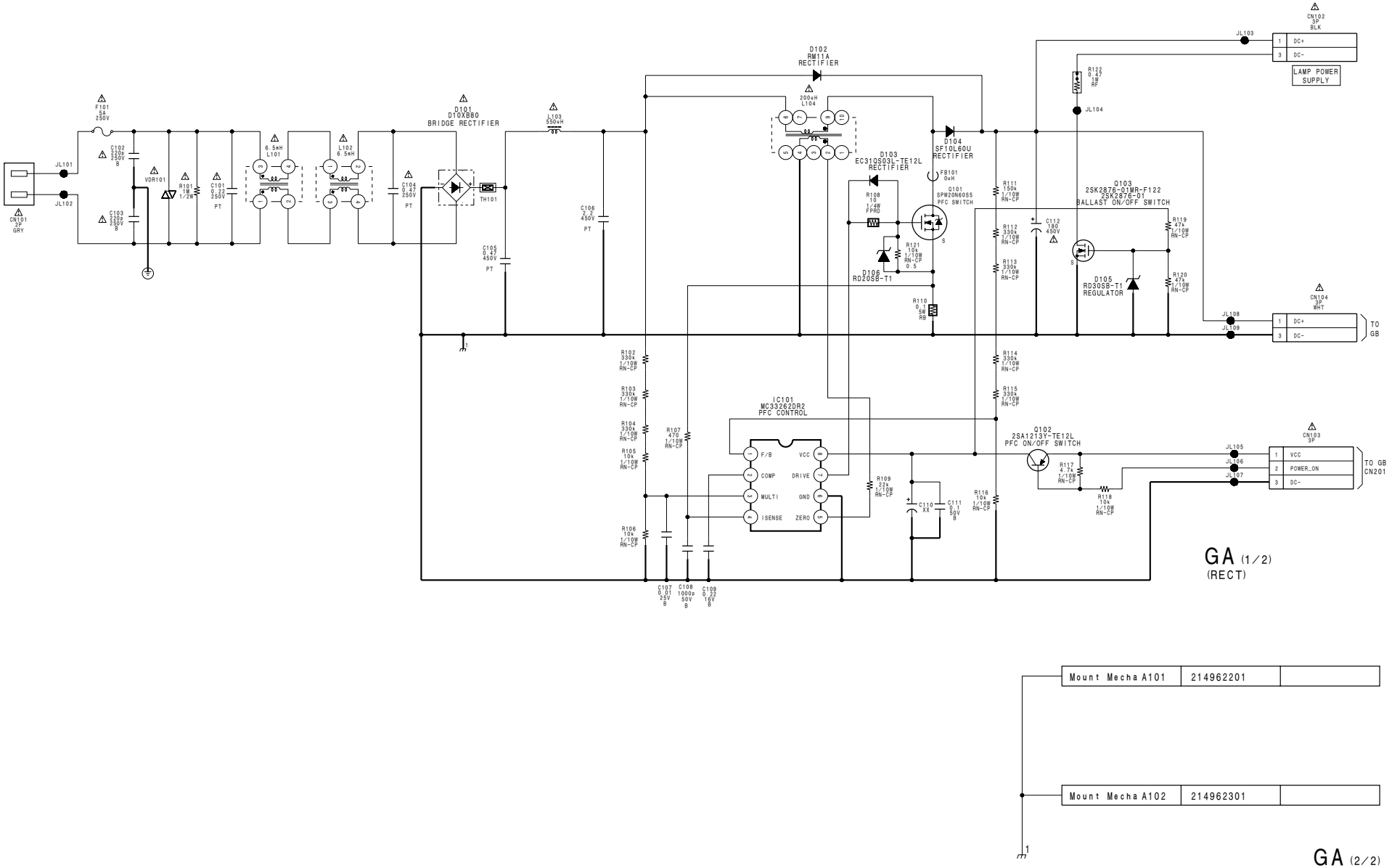
D1505	*	C3
D1600	*	B2
IC1500	*	C3
IC1501		A1
IC1502		A2
IC1503		A1
IC1504	*	E1
IC1505		A1
IC1506		C3
IC1600		B1
IC1601	*	C1
IC1700	*	E3
IC1701	*	D3
IC1702	*	C1
IC1703		D2
Q1500		A2
Q1502		C3
Q1503		B3
Q1600	*	C2
TP1503		B3

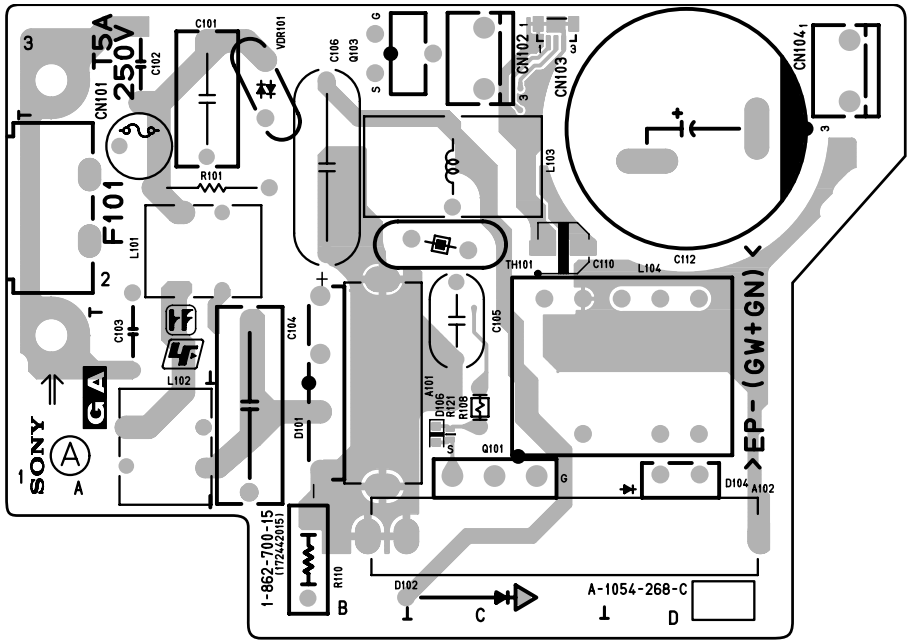


M -A SIDE-
SUFFIX: -11

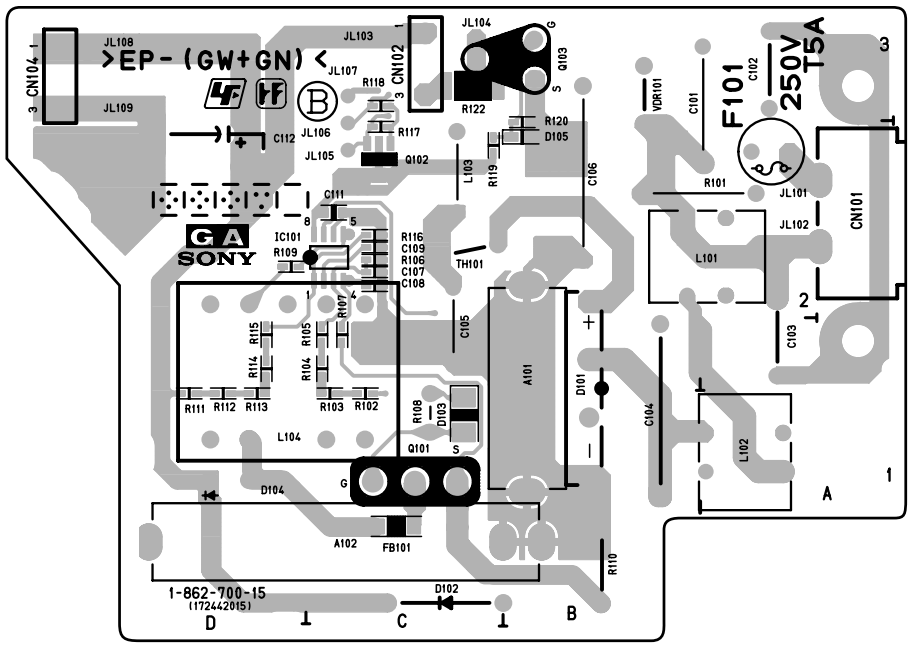


M -B SIDE-
SUFFIX: -11

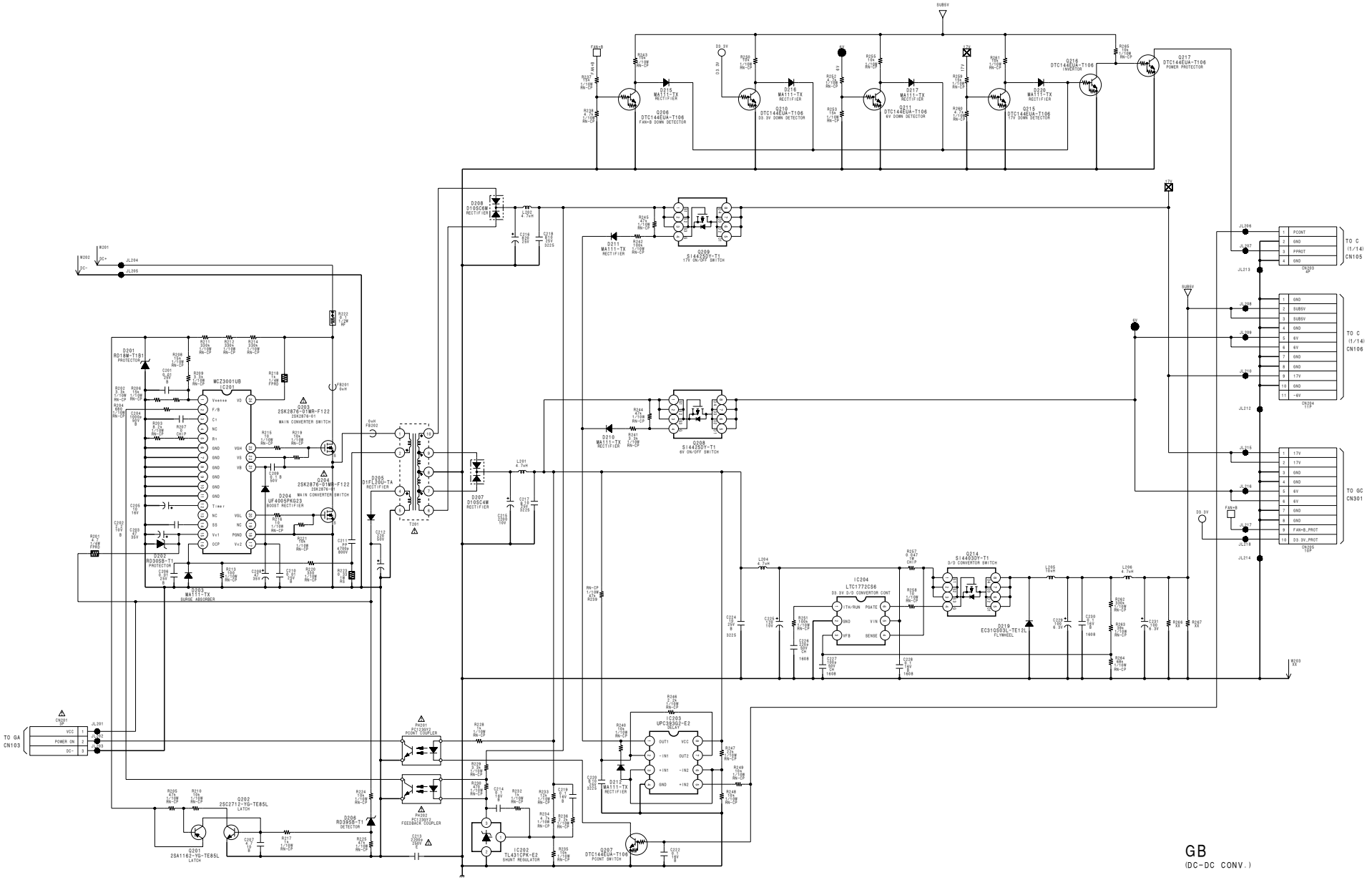

CN101 2P GRY
JL101
JL102
F101 6A 250V
C102 220p 250V B
C103 220p 250V B
VDR101
R101 1M 1/2W
C101 0.22 250V PT
6.5mH L101
L102 6.5mH
C104 0.47 250V PT
D101 D10XB80 BRIDGE RECTIFIER
TH101
L103 550uH
C105 0.47 450V PT
C106 2.2 450V PT
200uH L104
D102 RM11A RECTIFIER
D103 EC31QS03L-TE12L RECTIFIER
D104 SF10L60U RECTIFIER
FB101 0uH
Q101 SPW20N60S5 PFC SWITCH
R108 10 1/4W FPRD
R121 10k 1/10W RN-CP 0.5
D106 RD20SB-T1
R110 0.1 SW RB
R111 150k 1/10W RN-CP
R112 330k 1/10W RN-CP
R113 330k 1/10W RN-CP
C112 180 450V
Q103 2SK2876-01MR-F122 2SK2876-01 BALLAST ON/OFF SWITCH
R119 47k 1/10W RN-CP
R120 47k 1/10W RN-CP
D105 RD30SB-T1 REGULATOR
R122 0.47 1W RF
JL103
JL104
JL108
JL109
CN102 3P BLK
1 DC+
3 DC-
LAMP POWER SUPPLY
CN104 3P WHT
1 DC+
3 DC-
TO GB
R102 390k 1/10W RN-CP
R103 330k 1/10W RN-CP
R104 390k 1/10W RN-CP
R105 10k 1/10W RN-CP
R106 10k 1/10W RN-CP
R107 470 1/10W RN-CP
IC101 MC33262DR2 PFC CONTROL
F/B
COMP
MULTI
ISENSE
VCC
DRIVE
GND
ZERO
R109 22k 1/10W RN-CP
C110 XX
C111 0.1 50V B
R114 330k 1/10W RN-CP
R115 330k 1/10W RN-CP
R116 10k 1/10W RN-CP
Q102 2SA1213Y-TE12L PFC ON/OFF SWITCH
R117 4.7k 1/10W RN-CP
R118 10k 1/10W RN-CP
JL105
JL106
JL107
CN103 3P
1 VCC
2 POWER_ON
3 DC-
TO GB CN201
C107 0.01 25V B
C108 1000p 50V B
C109 0.22 16V B
GA (1/2) (RECT)
Mount Mecha A101 214962201
Mount Mecha A102 214962301
GA (2/2) (RECT)

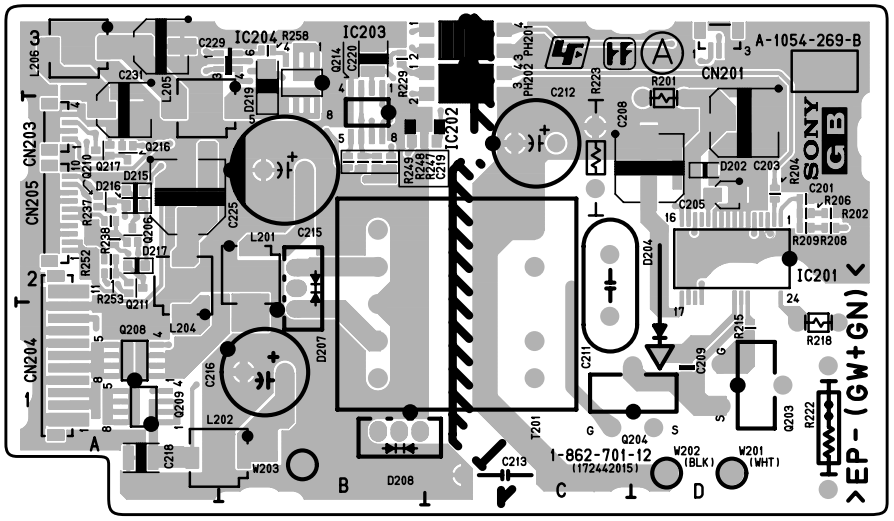


GA -A SIDE-
SUFFIX: -15

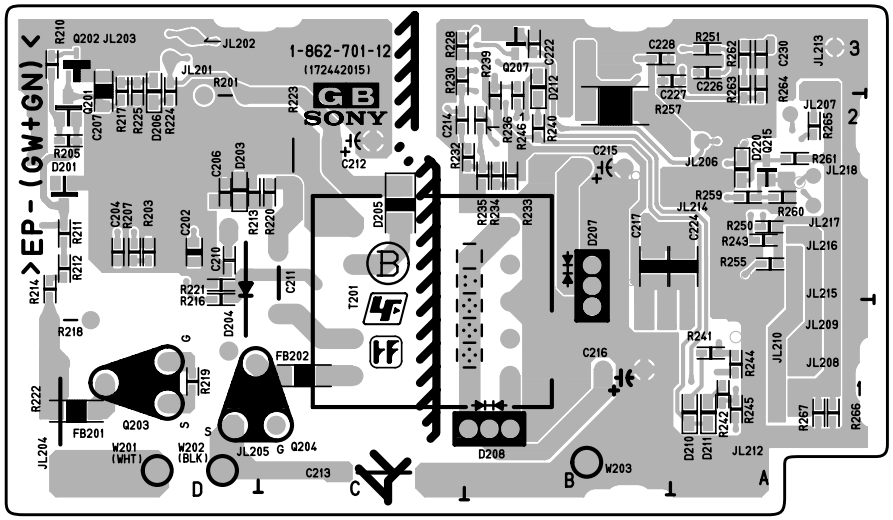


GA -B SIDE-
SUFFIX: -15


GB
(DC-DC CONV.)
TO GA
CN103
TO C
(1/14)
CN105
TO C
(1/14)
CN106
TO GC
CN301



GB -A SIDE-
SUFFIX: -12

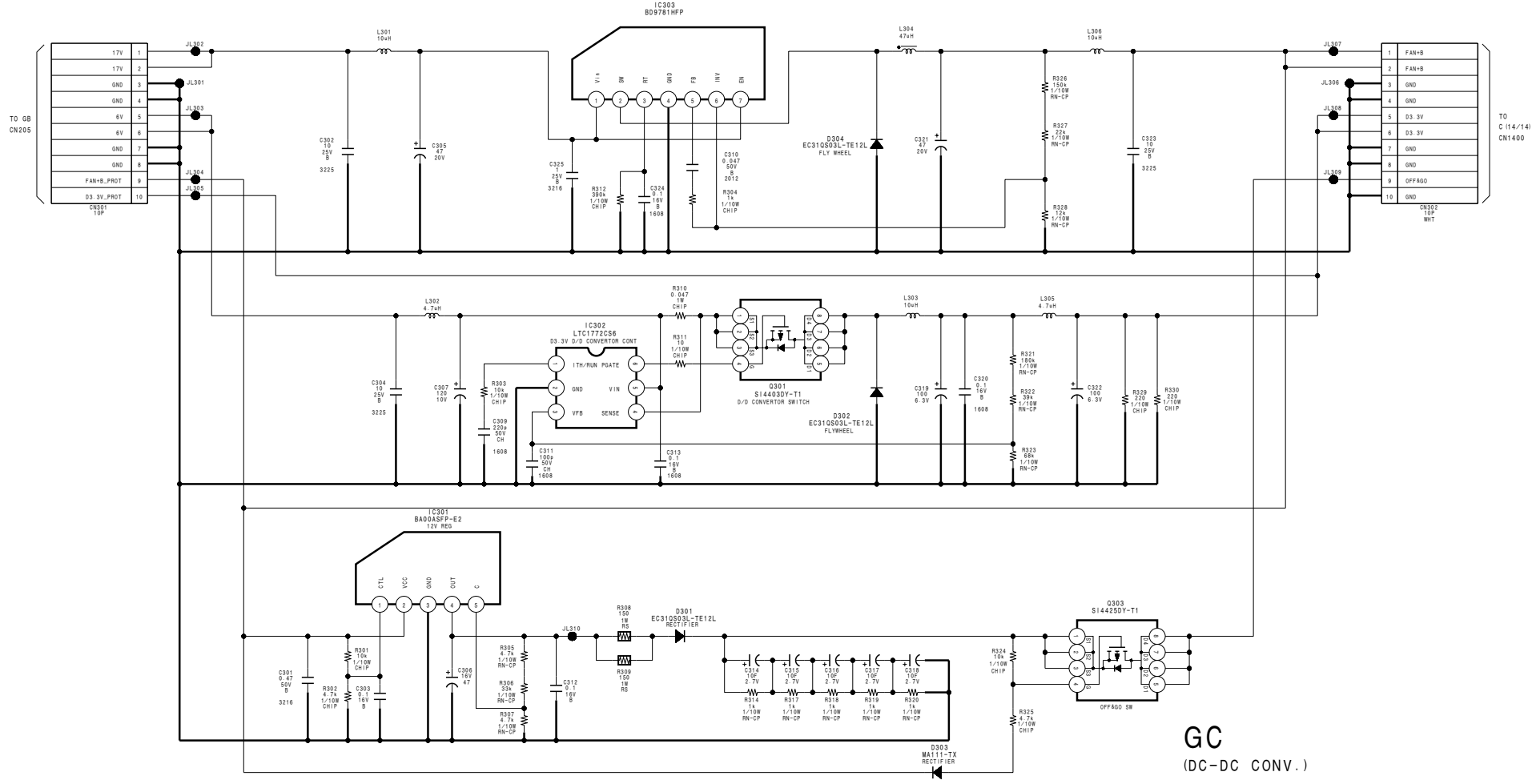


GB -B SIDE-
SUFFIX: -12

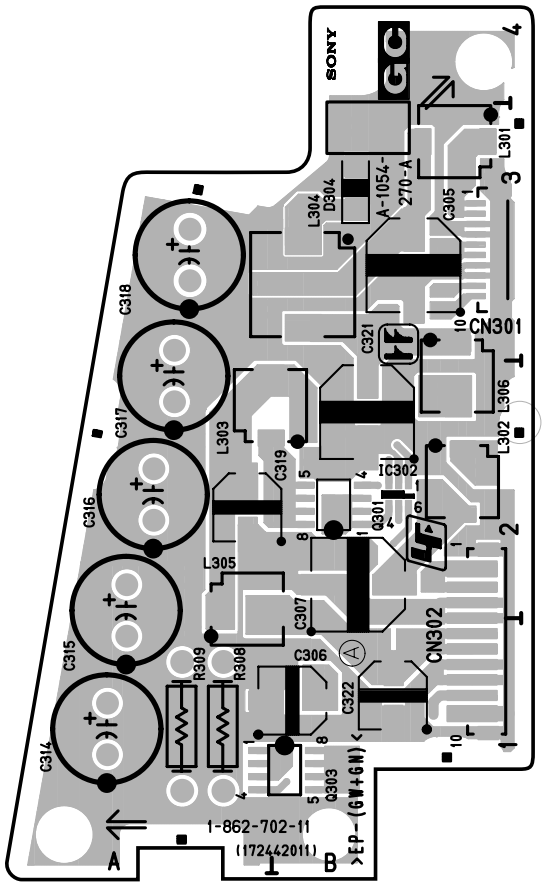
GB BOARD

*: B SIDE

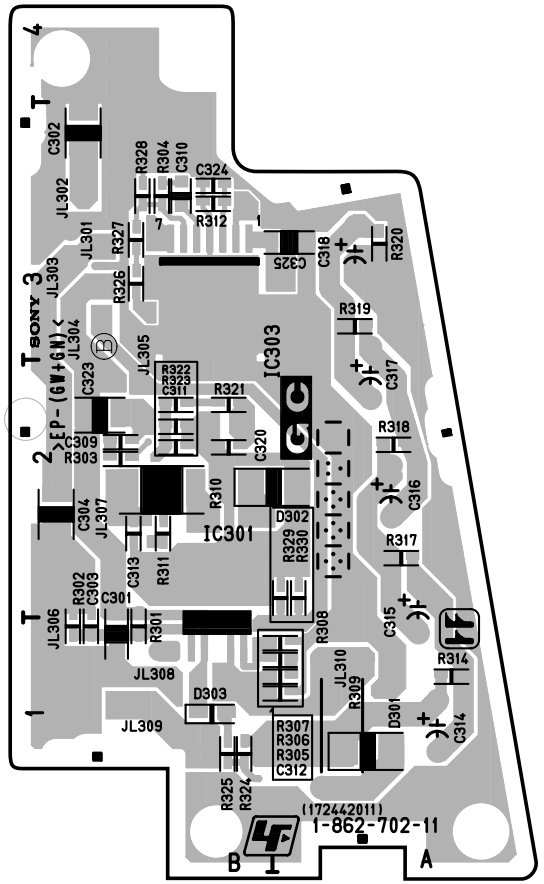
D201	*D-2
D202	D-2
D203	*D-2
D204	D-2
D205	*C-2
D206	*D-2
D207	B-2
D208	B-1
D210	*A-1
D211	*A-1
D212	*B-2
D215	A-2
D216	A-2
D217	A-2
D219	B-3
D220	*A-2
IC201	D-2
IC202	B-2
IC203	B-2
IC204	B-3
PH201	C-3
PH202	C-3
Q201	*D-2
Q202	*D-3
Q203	D-1
Q204	C-1
Q206	A-2
Q207	*B-3
Q208	A-1
Q209	A-1
Q210	A-2
Q211	A-2
Q214	B-3
Q215	*A-2
Q216	A-2
Q217	A-2


IC303
BD9781HFP
IC302
LTC1772CS6
D3.3V D/D CONVERTOR CONT
IC301
BA00ASFP-E2
12V REG
Q301
SI4403DY-T1
D/D CONVERTOR SWITCH
Q303
SI4425DY-T1
OFFAGO SW
D304
EC31QS03L-TE12L
FLY WHEEL
D302
EC31QS03L-TE12L
FLYWHEEL
D301
EC31QS03L-TE12L
RECTIFIER
D303
MA111-TX
RECTIFIER
TO GB
CN205
CN301
10P
CN302
10P
WHT
TO
C (14/14)
CN1400
17V
GND
6V
FAN+B_PROT
D3.3V_PROT
FAN+B
D3.3V
OFFAGO

GC
(DC-DC CONV.)

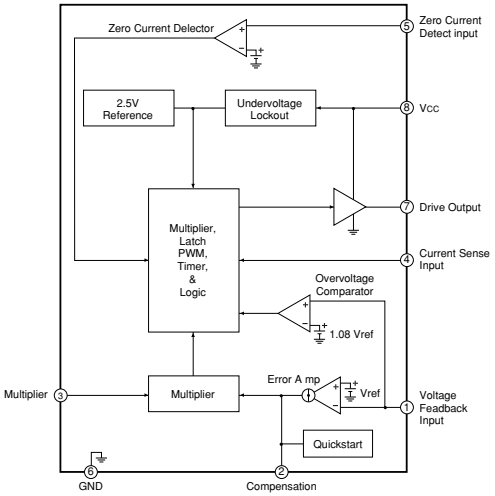


GC -A SIDE-
SUFFIX: -11

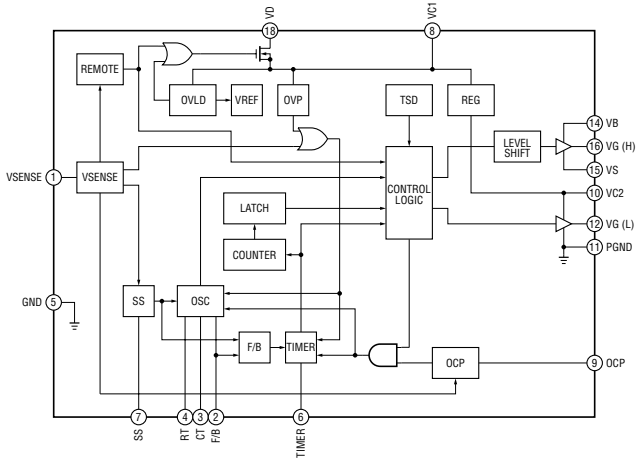


GC -B SIDE-
SUFFIX: -11

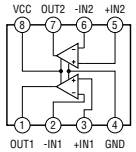
GA MC33262DR2 (IC101)



GB MCZ3001UB (IC201)



GB UPC393G2-E2 (IC203)



SAFETY CHECK-OUT

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

Check the metal trim, “metallized” knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

LEAKAGE TEST

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. 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 milliammeter. The Data Precision 245 digital multimeter 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 0.75 V, 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 multimeters that have a 2 V AC range are suitable. (See Fig. A)

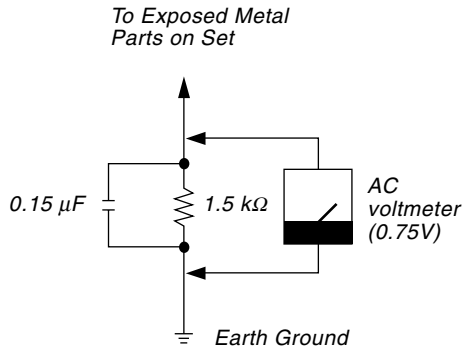


Fig A. Using an AC voltmeter to check AC leakage.

VPL-CX76 (SY) E
9-872-760-01

Sony EMCS Corporation
Ichinomiya Tec

English
2005GR16-1
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