

HISTORY INFORMATION FOR THE FOLLOWING MANUAL:

# *COMPONENT REPAIR MANUAL*

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RB1G CHASSIS

Segment: MW – P. Asia

<u>Version</u>	<u>Date</u>	<u>Subject</u>
1	07/2013	1 <sup>st</sup> Issue.

**SONY**  
®  
9-888-141-51

# *COMPONENT REPAIR MANUAL*

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**RB1G CHASSIS**

Segment: MW – P. Asia

**LCD TV**

**SONY®**

# MODEL LIST

<u>MODEL</u>	<u>COLOR</u>	<u>COMMANDER</u>	<u>DEST.</u>	<u>MODEL</u>	<u>COLOR</u>	<u>COMMANDER</u>	<u>DEST.</u>
KDL-42W800A	BLACK	RM-GD026	Sogul, India, Saudi Arabia, UAE,				
KDL-42W804A	BLACK	RM-GD026	Sogul, Singapore, Vietnam, Indonesia, Philippines, Thailand, Malaysia				
KDL-47W800A	BLACK	RM-GD026	Sogul, Saudi Arabia, UAE, India,				
KDL-47W804A	BLACK	RM-GD026	Sogul, Singapore, Vietnam, Indonesia, Philippines, Thailand, Malaysia				
KDL-55W800A	BLACK	RM-GD026	Sogul, Saudi Arabia, UAE, India				
KDL-55W804A	BLACK	RM-GD026	Sogul, Singapore, Vietnam, Indonesia, Philippines, Thailand, Malaysia				
KDL-55W808A	BLACK	RM-GD026	Sogul (Hotel)				

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## SECTION 1 SAFETY NOTES

### 1-1. Warnings and Caution

- 1) These servicing instructions are for use by qualified service personnel only.
- 2) To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.
- 3) An isolation transformer should be used during any service to avoid Possible shock hazard, because of live chassis. The chassis of this receiver is directly connected to the ac power line.
- 4) Be sure to follow these guidelines to protect your property and avoid causing serious injury :
  - Carry the TV with an adequate number of people; larger size TVs require two or more people.
  - Correct hand placement while carrying the TV is very important for safety and to avoid damages.
- 5) Components identified by shading and  mark on the exploded views, and in the parts list are critical for safe operation. Replace these components with Sony parts whose part numbers appear as shown in this manual or in supplements published by Sony. Circuit adjustments that are critical for safe operation are identified in this manual. Follow these procedures whenever critical components are replaced or improper operation is suspected.

### 1-2. Caution Handling of LCD Panel

When repairing the LCD Panel, make sure you are grounded with a wrist band. When repairing the LCD Panel on the wall, the panel must be secured using the 4 mounting holes on the rear cover.

- 1) Do not press the panel or frame edge to avoid the risk of electric shock.
- 2) Do not scratch or press on the panel with any sharp objects.
- 3) Do not leave the module in high temperature or in areas of high humidity for an extended period of time.
- 4) Do not expose the LCD panel to direct sunlight.
- 5) Avoid contact with water. It may cause short circuit within the module.
- 6) Disconnect the AC power when replacing the backlight (CCFL) or inverter circuit. (High voltage occurs at the inverter circuit at 650Vrms)
- 7) Always clean the LCD panel with a soft cloth material.
- 8) Use care when handling the wires or connectors of the inverter circuit. Damaging the wires may cause a short circuit.
- 9) Protect the panel from ESD to avoid damaging the electronic circuit (C-MOS).
- 10) During the repair, DO NOT leave the Power On or Burn-in period for more than 1 hour while the TV is face down on a cloth.

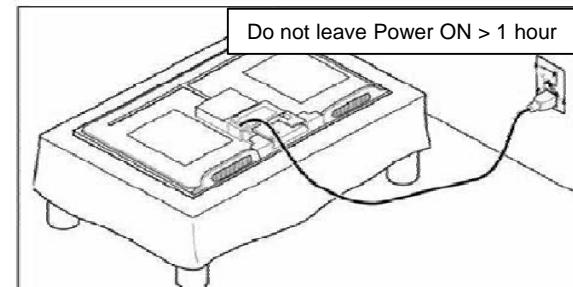


Figure 1. TV is faced down on a cloth during repair.

### 1-3 Safety Check-Out

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

- 1) Check the area of your repair for unsoldered or poorly soldered connections. Check the entire board surface for solder splashes and bridges.
- 2) Check the inter board wiring to ensure that no wires are pinched or contact high-wattage resistors.
- 3) Check all control knobs, shields, covers, ground straps and mounting hardware have been replaced. Be absolutely certain you have replaced all the insulators.
- 4) Look for unauthorized replacement parts, particularly transistors that were installed during a previous repair. Point them out to the customer and recommend their replacement.
- 5) Look for parts which, though functioning show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
- 6) Check the line cords for cracks and abrasion. Recommend the replacement of any such line cord to the customer.
- 7) Check the antenna terminals, metal trim, metalized knobs, screws and all other exposed metal parts for AC leakage. Check leakage test as described next.
8. For safety reasons, repairing the Power board and/or Inverter board is prohibited.

### 1-4. 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 0.5mA (500 microamperes).

Leakage current can be measured by any one of the three methods:-

- 1) A commercial leakage tester such as the SIMPSON 229 or RCA WT540A. Follow the manufacturers instructions to use those instructions.
- 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 0.75V so analog meters must have an accurate low voltage scale. The SIMPSON'S 250 and SANWA SH-63TRD are examples of passive VOMs that are suitable. Nearly all battery operated digital multimeter that have a 2 VAC range are suitable. (see Figure 2.)

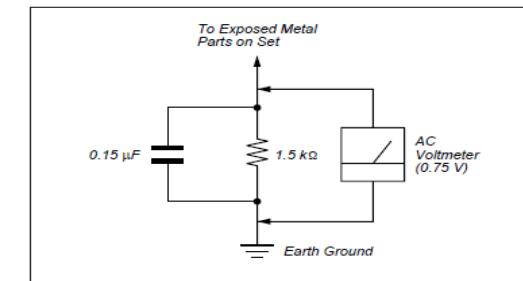


Figure 2. AC voltmeter to check AC leakage

### 1-5. How to Find a Good Earth Ground

- 1) A cold-water pipe is a guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground.
- 2) If the retaining screw is to be used as your earth ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms.
- 3) If a cold-water pipe is not accessible, connect a 60- to 100-watt trouble-light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side on the line; the lamp should light at normal brilliance if the screw is at ground potential (see Figure 3).

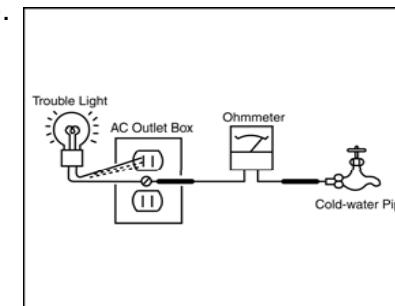


Figure 3. Checking for earth ground.

## 1-6. Lead Free Information

The circuit boards used in these models have been processed using Lead Free Solder. The boards are identified by the LF logo located close to the board designation.



Figure 4: LF Logo

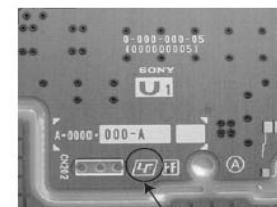
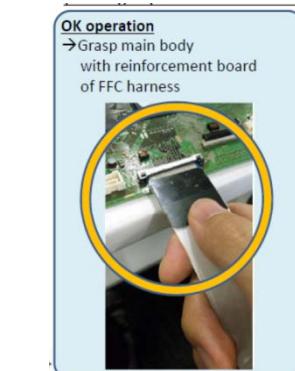


Figure 5: LF logo on circuit board

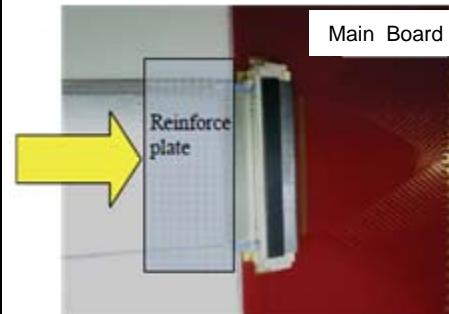
The servicing of these boards requires special precautions. It is strongly recommended to use Lead Free Solder material in order to guarantee optimal quality of new solder joints.

## 1-7. Handling the FLEXIBLE FLAT CABLE (FFC)

- When you insert / pull out FFC, please grasp a reinforcement board and main body of FFC.

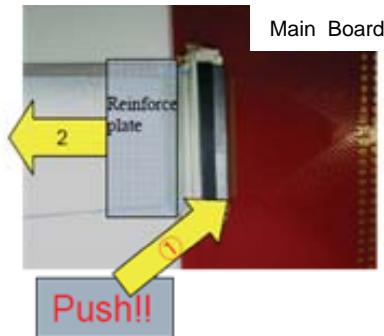


Please hold reinforcement board and plunge it to depths.



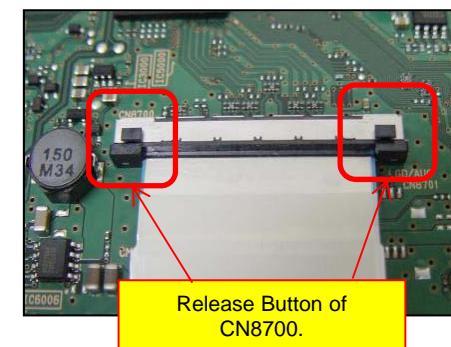
< Insertion >

Please pull out FFC while pushing the button of both ends at the same time.

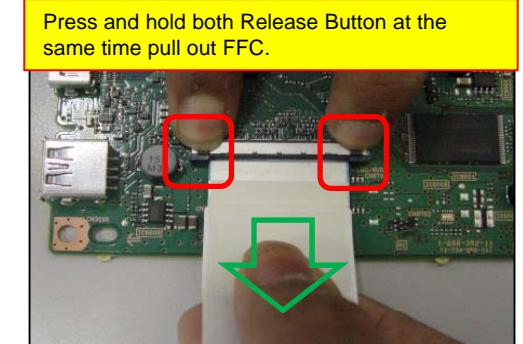


< Pull out >

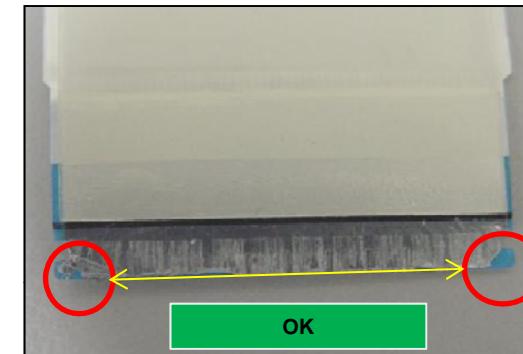
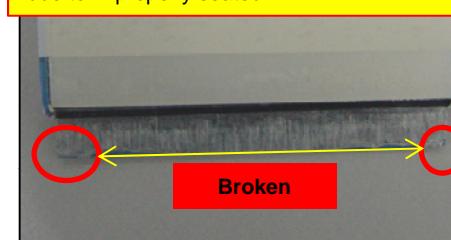
### <How to pull out FFC>



Press and hold both Release Button at the same time pull out FFC.



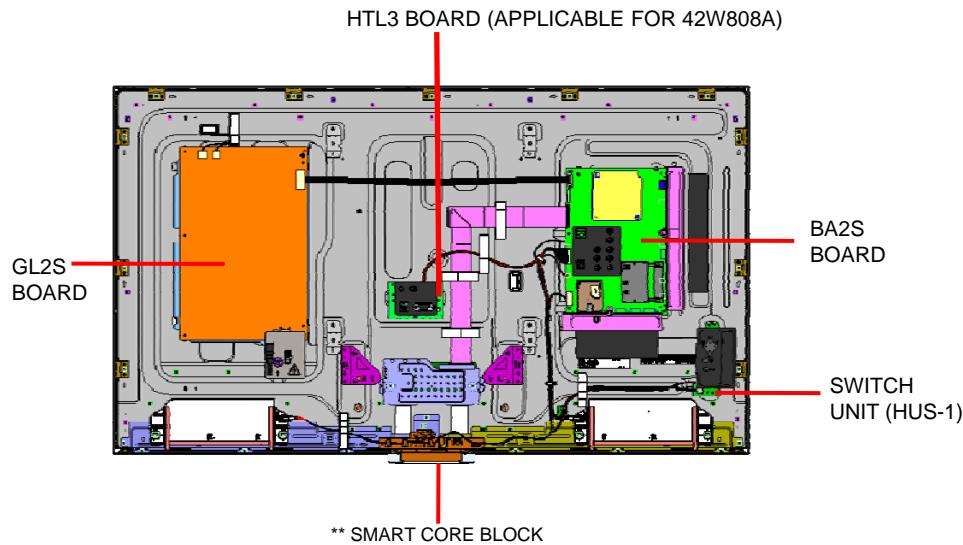
FFC connector broken if pull out FFC without press and hold both Release Button of CN8700. Symptom 5X blinking will be appear due to improperly seated.



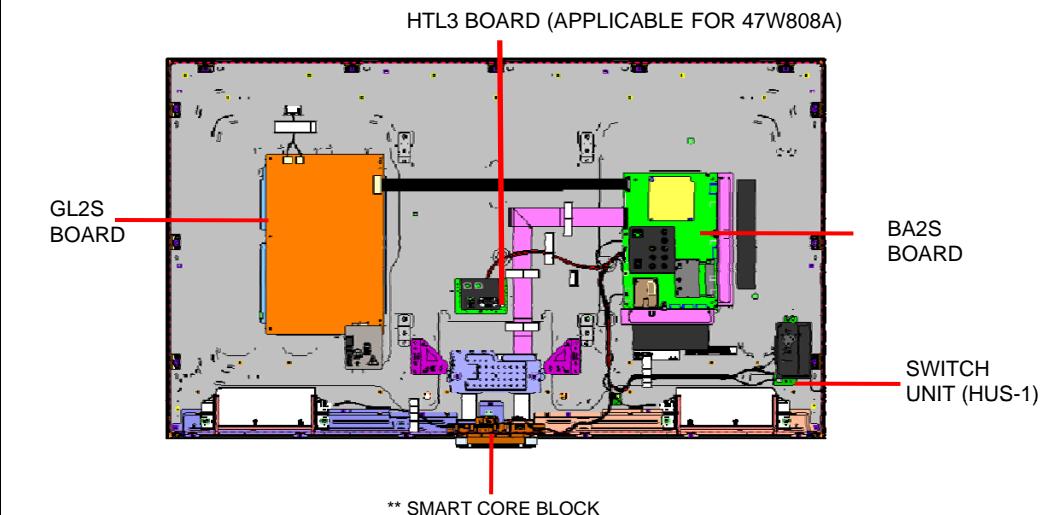
## SECTION 2 DIAGRAMS

### 2-1.CIRCUIT BOARD LOCATION

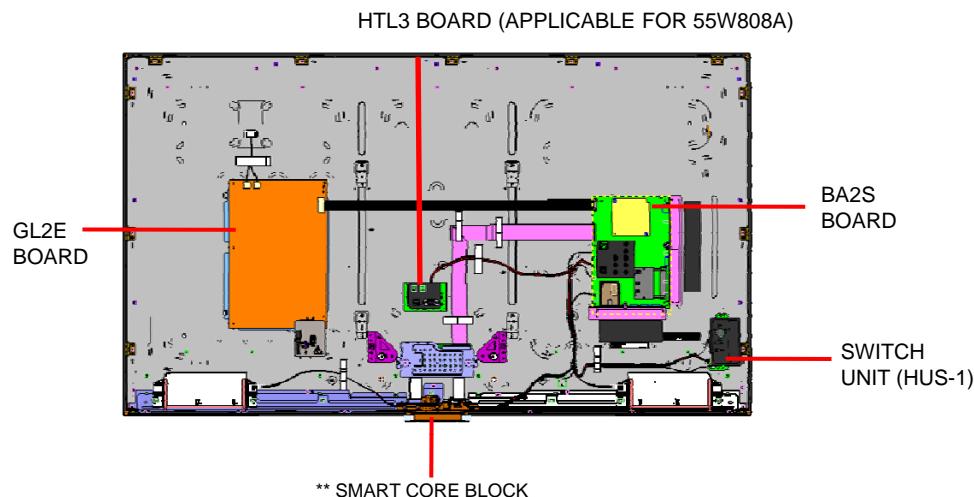
#### 2-1-1. KDL-42 W800A/ W804A



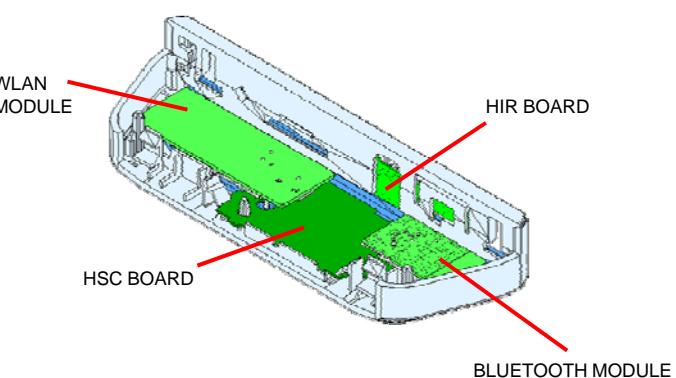
#### 2-1-2. KDL-47 W800A / W804A



#### 2-1-3. KDL-55 W800A /W804A/ 808A



#### \*\* SMART CORE BLOCK



## 2-2. Schematic Diagram Information

### Caution:

- and shaded parts are critical for safety. Replace only with part number specified.
- parts contain confidential information. Strictly follow the instruction whenever the components are repaired and/or replaced.

### Reference Information

#### RESISTOR

: RN	METAL FILM	CAPACITOR
: RC	SOLID	: TA TANTALUM
: FPRD	NONFLAMMABLE CARBON	: PS STYROL
: FUSE	NONFLAMMABLE FUSIBLE	: PP POLYPROPYLENE
: RW	NONFLAMMABLE WIREWOUND	: PT MYLAR
: RS	NONFLAMMABLE METAL OXIDE	: MPS METALIZED POLYESTER
: RB	NONFLAMMABLE CEMENT	: MPP METALIZED POLYPROPYLENE
:	ADJUSTMENT RESISTOR	: RB NONFLAMMABLE CEMENT
: ALR	HIGH RIPPLE	: ALB BIPOLAR
: LF-8L	MICRO INDUCTOR	: ALT HIGH TEMPERATURE COIL

- Refer Electrical Parts List for detail information.
- (xx) on the schematic diagram indicates part not used in this model.
- All capacitors are in uF unless otherwise noted. (pF:uuF).
- Capacitors without voltage indication are all 50V.
- Indication of resistance which does not have one for rating electrical power is as follows:  
Pitch: 5mm , Electrical Power Rating: 1/4W (CHIP:1/10W)

: nonflammable resistor.

: fusible resistor.

: internal component.

: panel designation or adjustment for repair

: earth-ground.

: earth-chassis.

- All resistors are in ohms. All variable and adjustable resistors have characteristics curve B, unless otherwise noted.

**-Details of Self Diagnostic, Triage, Troubleshooting, Block , and Connector diagram please refer to Model Service Manual for information.**

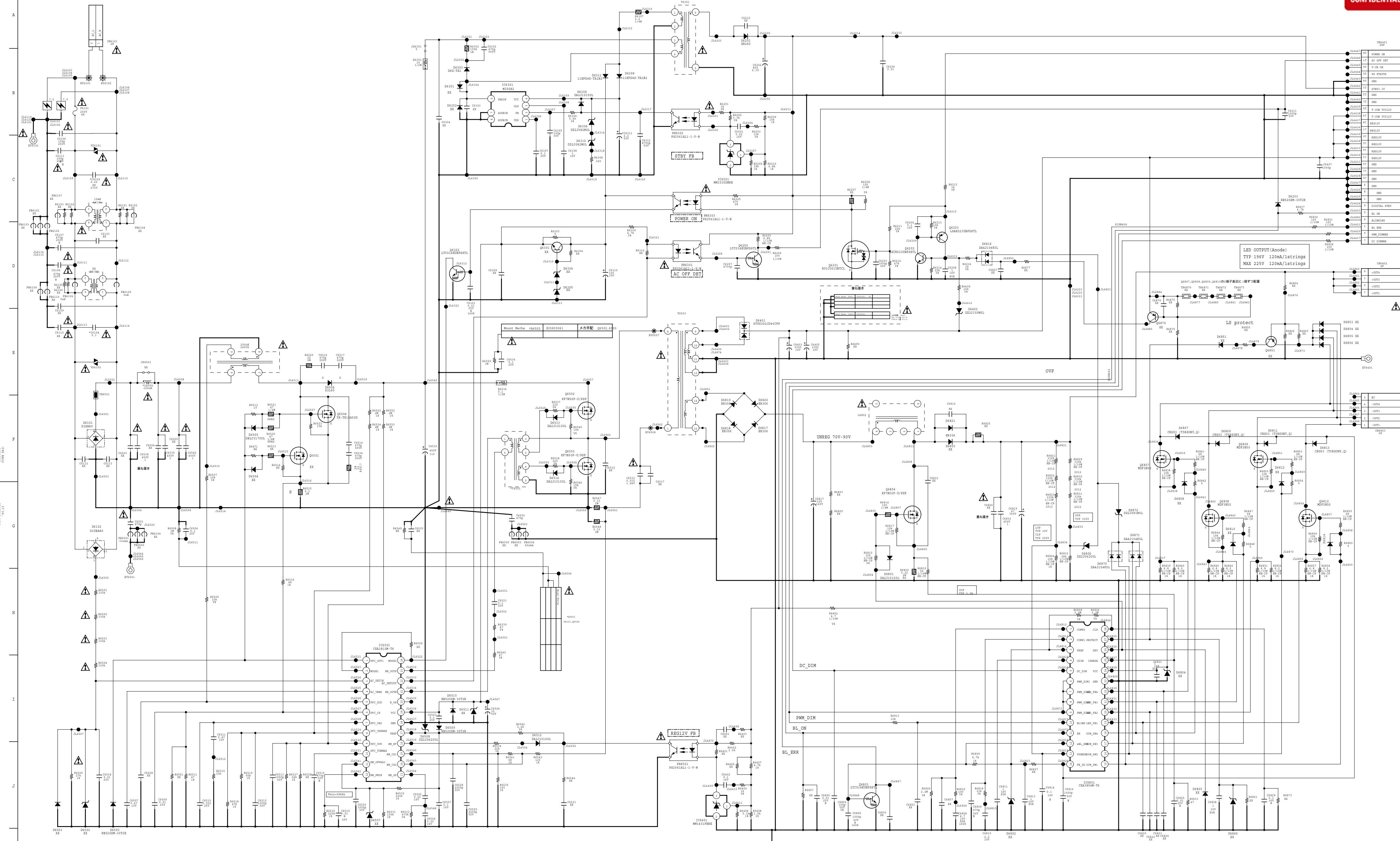
### Terminal Name of Semiconductors:

	Device	Printed symbol	Terminal name	Circuit
1	Transistor		Collector Base  Emitter	
2	Transistor		Collector Base  Emitter	
3	Diode		Cathode  Anode	
4	Diode		Cathode Anode  (NC)	
5	Diode		Cathode Anode  (NC)	
6	Diode		Common Anode  Cathode	
7	Diode		Common Anode  Cathode	
8	Diode		Common Anode  Anode	
9	Diode		Common Anode  Anode	

	Device	Printed symbol	Terminal name	Circuit
10	Diode		Common Cathode  Cathode	
11	Diode		Common Cathode  Cathode	
12	Diode		Anode  Cathode Anode  Cathode	
13	Transistor (FET)		Drain  Source Gate	
14	Transistor (FET)		Drain  Source Gate	
15	Transistor (FET)		Source  Drain Gate	
16	Transistor		Emitter  Collector Base	
17	Transistor		Common Base  Base	

	Device	Printed symbol	Terminal name	Circuit
18	Transistor		Common Base  Base	
19	Transistor		Common Base  Base	
20	Transistor		Common Base  Base	
21	Transistor		Common Base  Base	
22	Transistor		Common Base  Base	
23	Transistor		Common Base  Base	

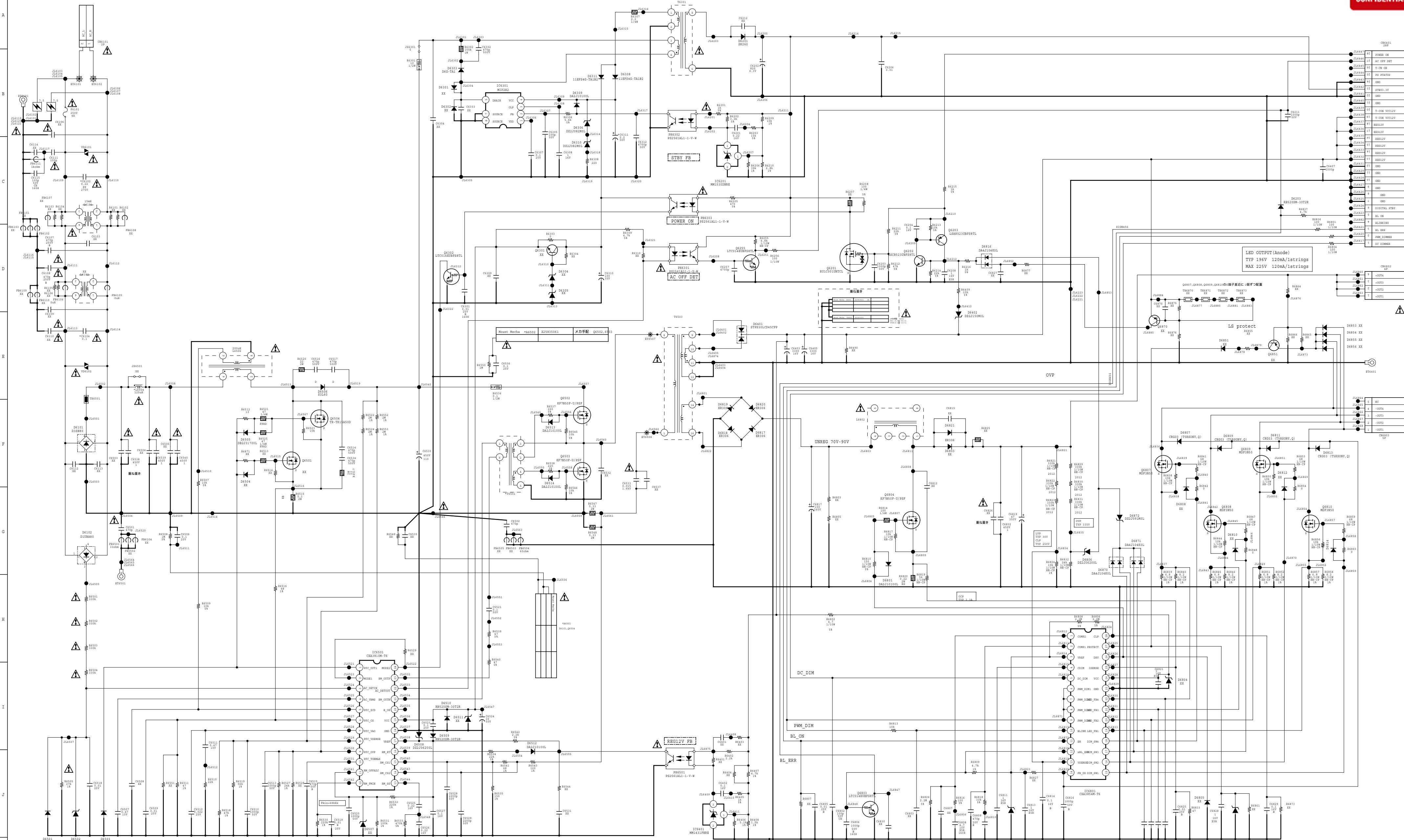
## GL2 BOARD SCHEMATIC DIAGRAM



ALL resistors are in ohms, W unless otherwise noted.  
ALL capacitors are in uF(p:pF)unless otherwise noted.

					UNIT mm	TOLERANCE	USED ON	RANK
					ANGLE 			FAMILY
					SCALE :			ORIGINAL MODEL
					MATERIAL(COLOR)		FINISH(COLOR)	
					DESCRIPTION			
HISTORY	SUPPLIERS	ECN-MO- REF.	DATE	REVISION	SIGN.	(B)		
X COUNT								
DRAWN BY	PLANNED BY	CHECKED BY	APPROVED BY	MODEL				
				TRNTATIVE				
					PART NO.			
<small>THIS DOCUMENT IS THE PROPRIETARY PROPERTY OF SONY. ITS USE IS AUTHORIZED ONLY FOR RESPONDING TO A REQUEST FOR QUOTATION, OR FOR THE PERFORMANCE OF WORK FOR SONY. ALL QUESTIONS MUST BE REFERRED TO THE LOCAL PURCHASING DEPARTMENT. THE RESPONSIBILITY FOR DISTRIBUTION AND UTILIZATION OF THIS DOCUMENT BELONGS TO THE RECIPIENT. IT IS ILLEGAL TO COPY OR DISTRIBUTE ANY PORTION OF ITS CONTENTS TO OTHERS WITHOUT EXPRESS AUTHORIZATION. THIS DOCUMENT IS A TRADE SECRET. OFFENDER WILL BE HELD LIABLE FOR THE PAYMENT OF DAMAGES. ALL RIGHTS RESERVED IN THE EVENT OF THE GRANT OF A PATENT, UTILITY MODEL OR DESIGN. COPYRIGHT RESERVED.</small>								

G2LE BOARD SCHEMATIC DIAGRAM (55")



ALL resistors are in ohms, W unless otherwise noted.  
ALL capacitors are in uF(p:pF)unless otherwise noted.

XX		XX		XX			
		 		UNIT mm	TOLERANCE	USED ON	RANK
		 		SCALE :	ORIGINAL MODEL	FAMILY	
						MATERIAL(COLOR)	FINISH(COLOR)
		 		DESCRIPTION (B)	HISTORY		
					SUPPLIES	ECN-NO.	D A T E
X COUNT				REVISION	SIGN.		
DRAWN BY	PLANNED BY	CHECKED BY	APPROVED BY	MODEL		PART NO.	SH
				TRNTVNTY			
<small>THIS DOCUMENT IS THE PROPRIETARY PROPERTY OF SONY. ITS USE IS AUTHORIZED ONLY FOR RESPONDING TO A REQUEST FOR QUOTATION, OR FOR THE PERFORMANCE OF WORK FOR SONY. ALL QUESTIONS MUST BE REFERRED TO THE LOCAL PURCHASING DEPARTMENT. THE REPRODUCTION, DISTRIBUTION AND UTILIZATION OF THIS DOCUMENT IS PROHIBITED. ANYONE WHO COMMUNICATES ITS CONTENTS TO OTHERS WITHOUT EXPRESS AUTHORIZATION IS PROHIBITED. OFFENDER WILL BE HELD LIABLE FOR THE PAYMENT OF DAMAGES. ALL RIGHTS RESERVED IN THE EVENT OF THE GRANT OF A PATENT, UTILITY MODEL OR DESIGN. COPYRIGHT RESERVED.</small>							

# HIR BOARD SCHEMATIC DIAGRAM

CONFIDENTIAL

A

B

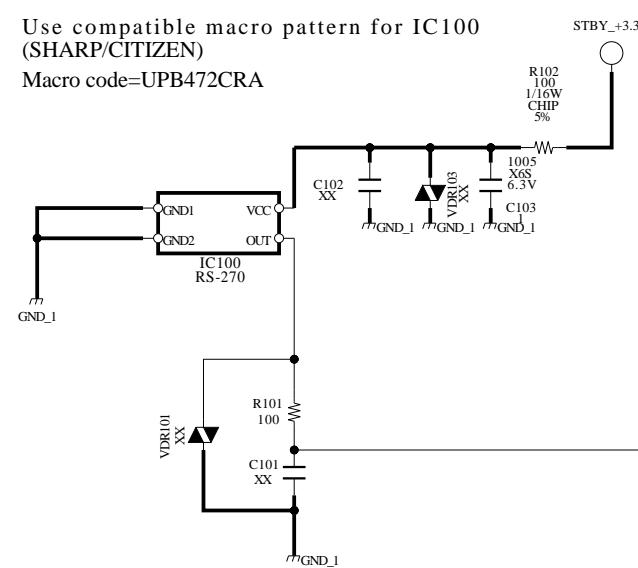
C

D

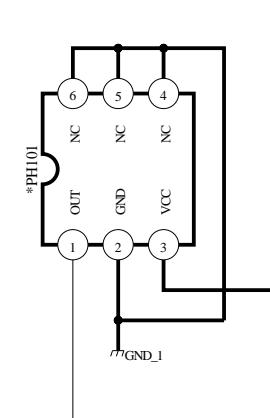
E

F

Use compatible macro pattern for IC100  
(SHARP/CITIZEN)  
Macro code=UPB472CRA



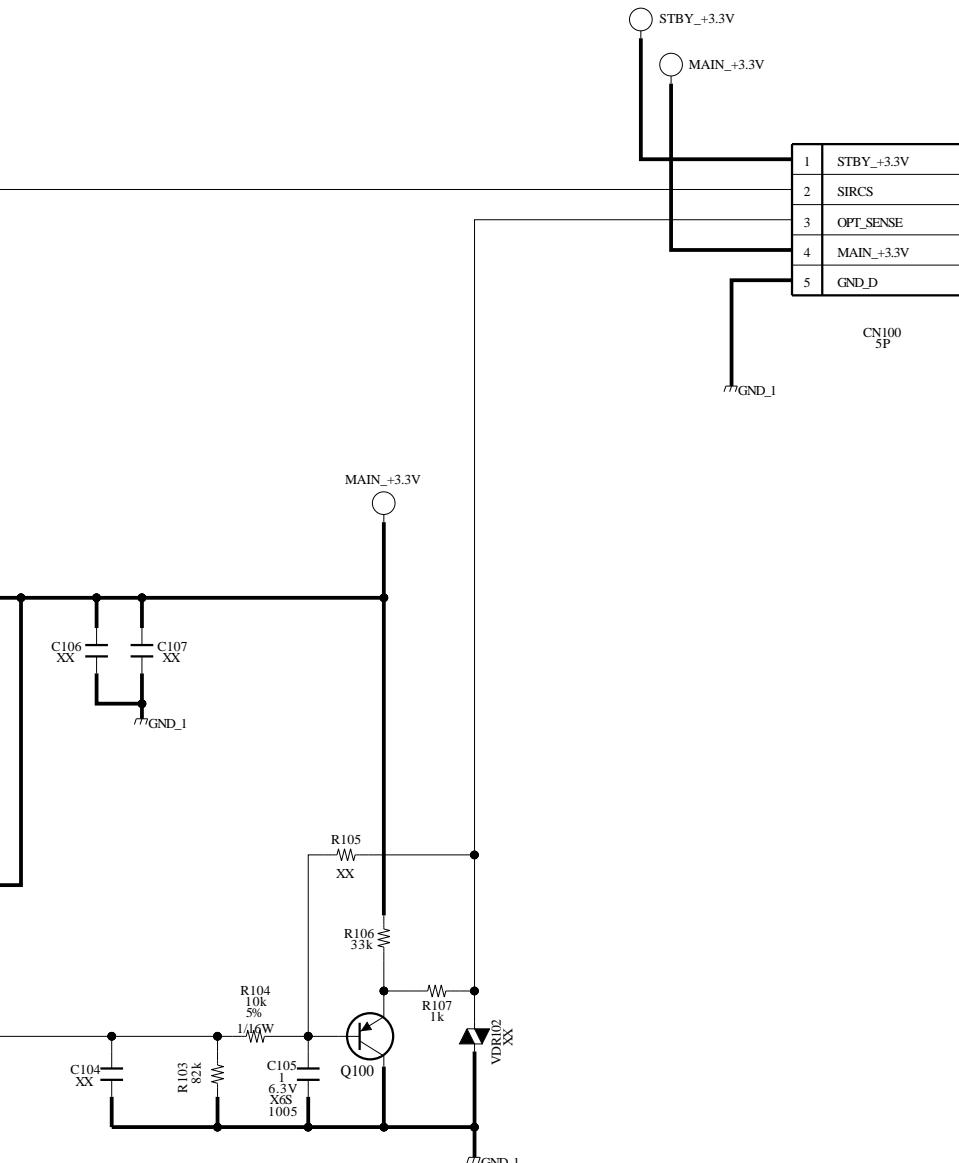
PH5504 Mounted  
0.946-793-01,  
Macro same as PH5502.  
CVT2.0 will use PH5502  
Macro.



Sircs

Optical Sensor

SC\_SIRCS



HIR MAINTENANCE UNTIL : 56

2012/10/05 09:48  
[ Optical Sensor ]

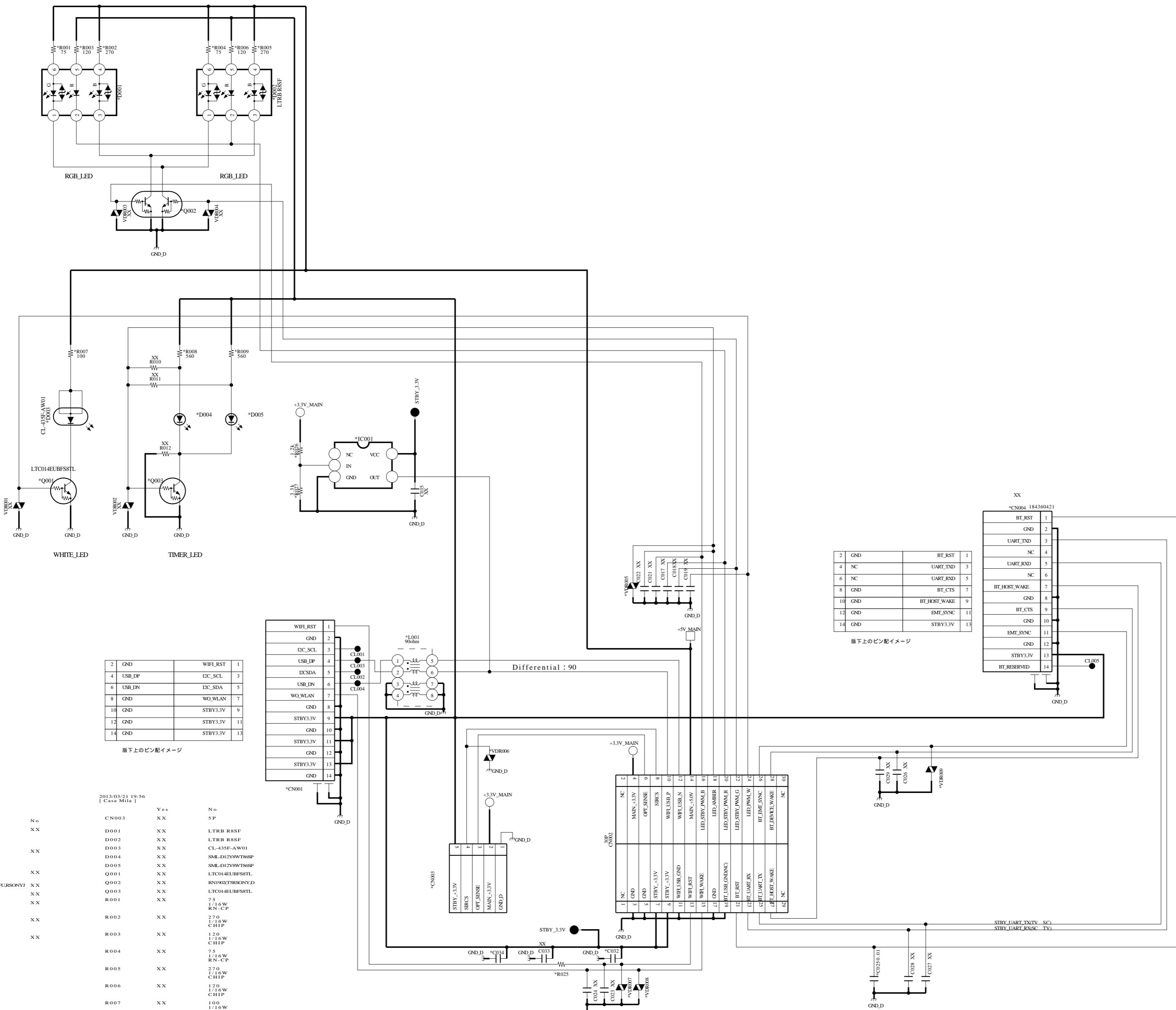
Rohm BH1690FVC Renesas PH5504  
PH100 BH1690FVC-TR XX  
PH101 XX PH5504A2NA1

ORIGINAL MODEL	DESCRIPTION	HIR
PART NO.	SHEET	

ALL resistors are in ohms,W unless otherwise noted.  
ALL capacitors are in uF(p.pF)unless otherwise noted.

# HSC BOARD SCHEMATIC DIAGRAM

CONFIDENTIAL

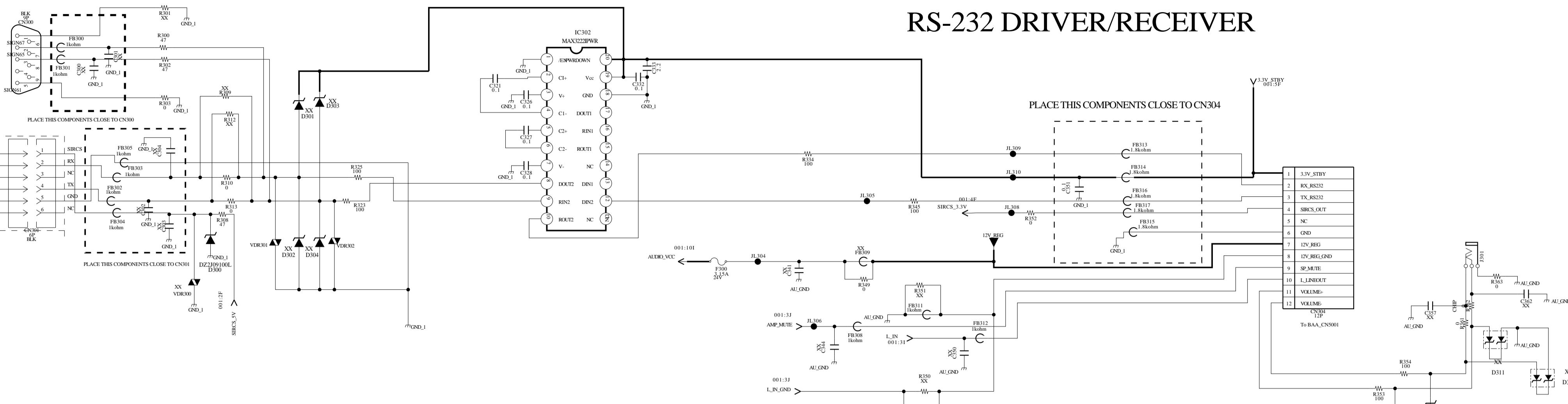


HSC DIB UNTIL : 80

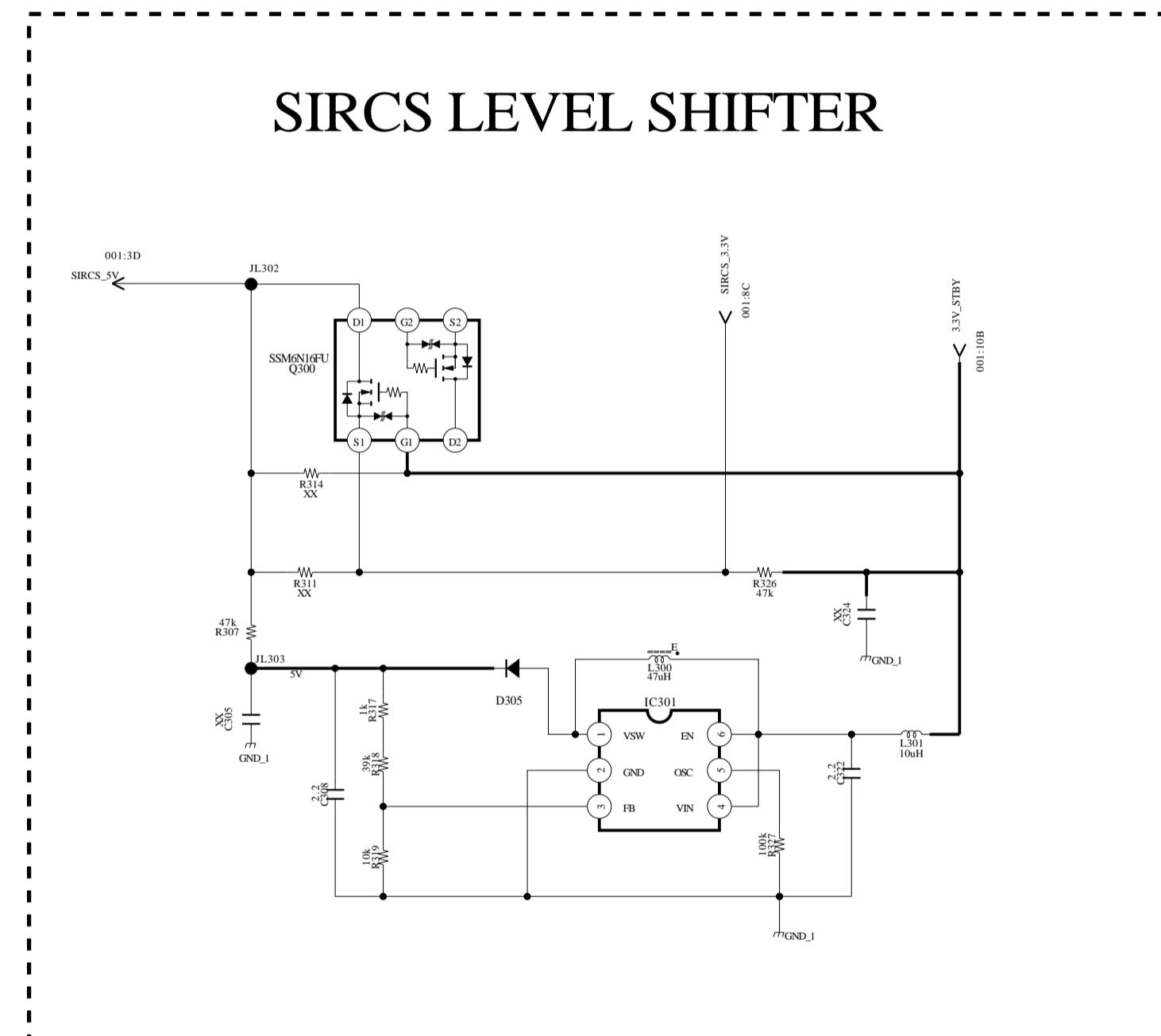
ORIGINAL MODEL	HSC BOARD
-----	
DESCRIPTION	SC Base Board
PART NO.	SHEET RB1 1/1

ALL resistors are in ohms, W unless otherwise noted.  
ALL capacitors are in  $\mu$ F (p:pF) unless otherwise noted

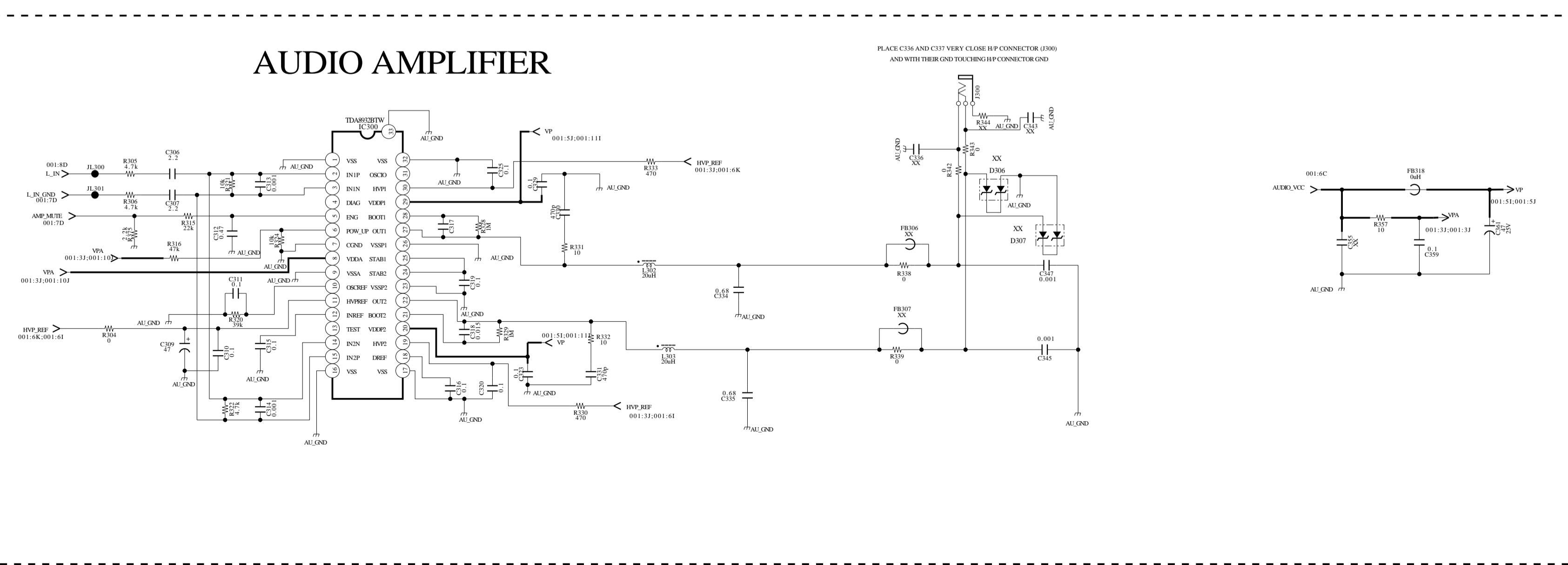
HTL3 BOARD SCHEMATIC DIAGRAM (55W808A)



# SIRCS LEVEL SHIFTER



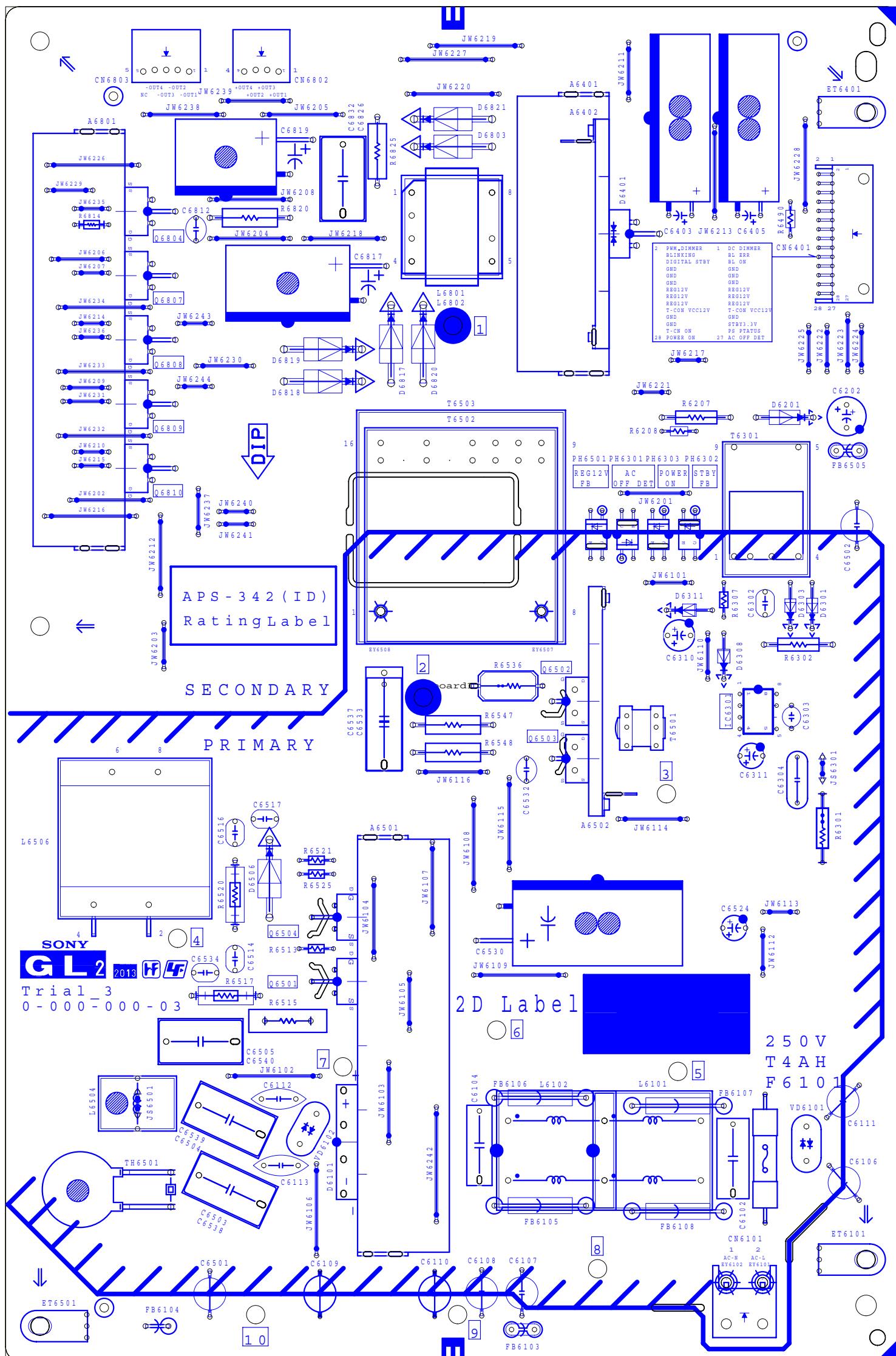
## AUDIO AMPLIFIER



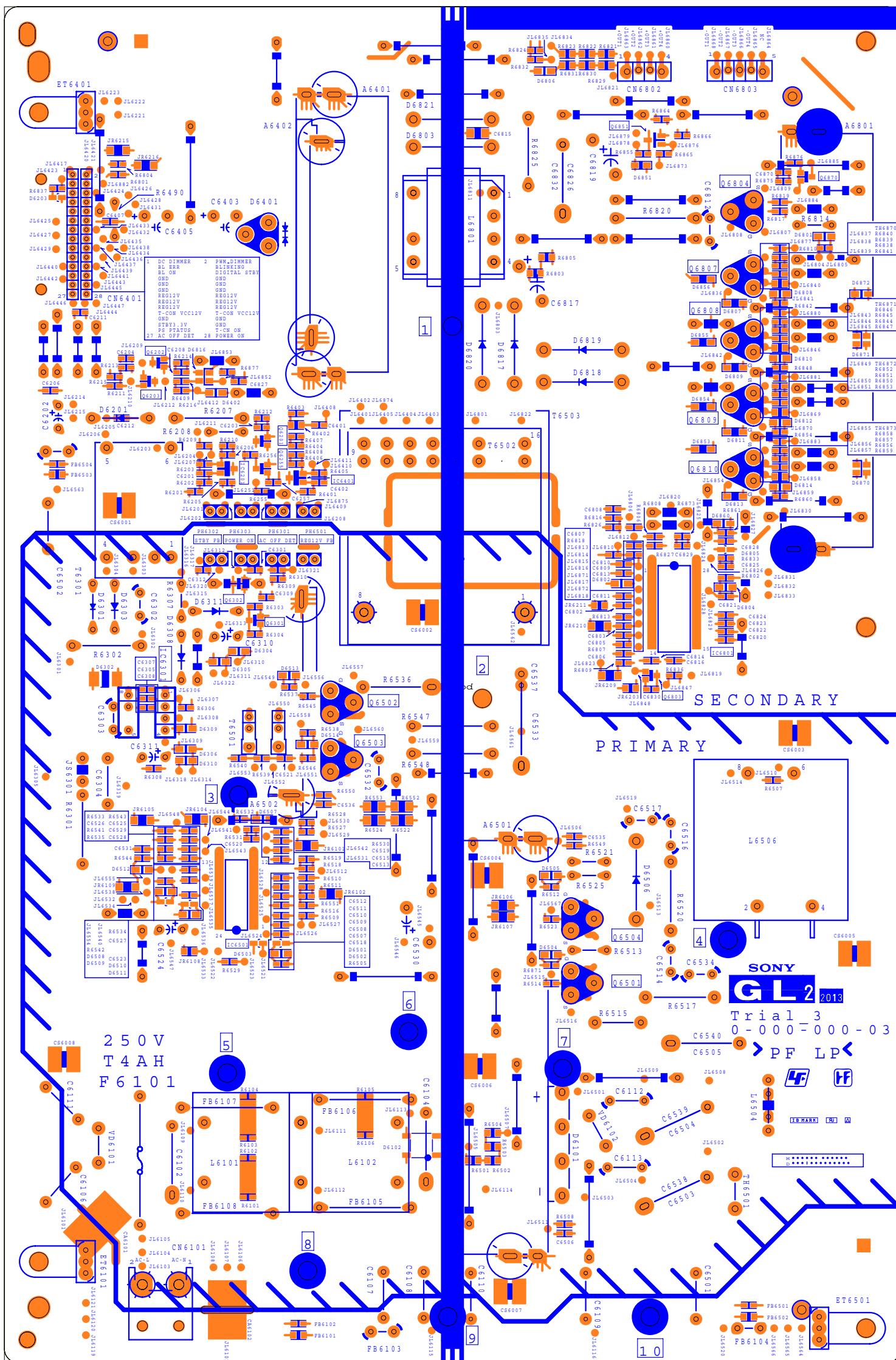
## DIB MAINTANCE UNTIL: 53

△ <sub>6</sub> X				HTL3 BOARD				UNIT mm ANGLE  SCALE : :	TOLERANCE	USED ON	RANK			
△ <sub>5</sub> X											FAMILY			
△ <sub>4</sub> X											ORIGINAL MODEL			
△ <sub>3</sub> X											MATERIAL(COLOR)			
△ <sub>2</sub> X											FINISH(COLOR)			
△ <sub>1</sub> X											DESCRIPTION (E)			
HISTORY COUNT	SUFFIX REPL.	ECN-NO. DATE		R E V I S I O N		SIGN.		(J)	PART NO.	SHEET				
DRAWN BY	PLANNED BY	CHECKED BY	APPROVED BY	TENTATIVE	MODEL	PART NO.								

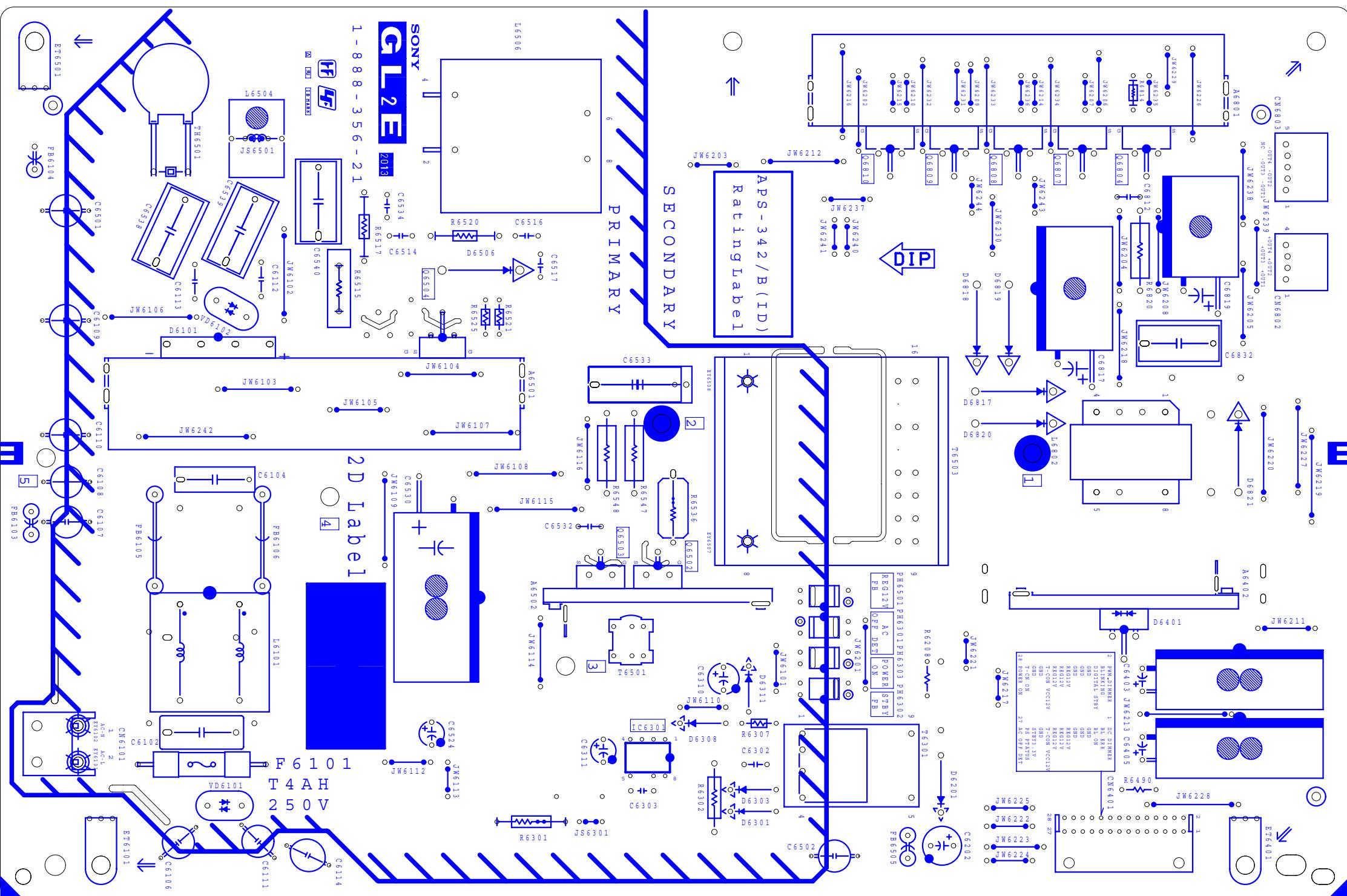
# GL2 PWB (1/2)



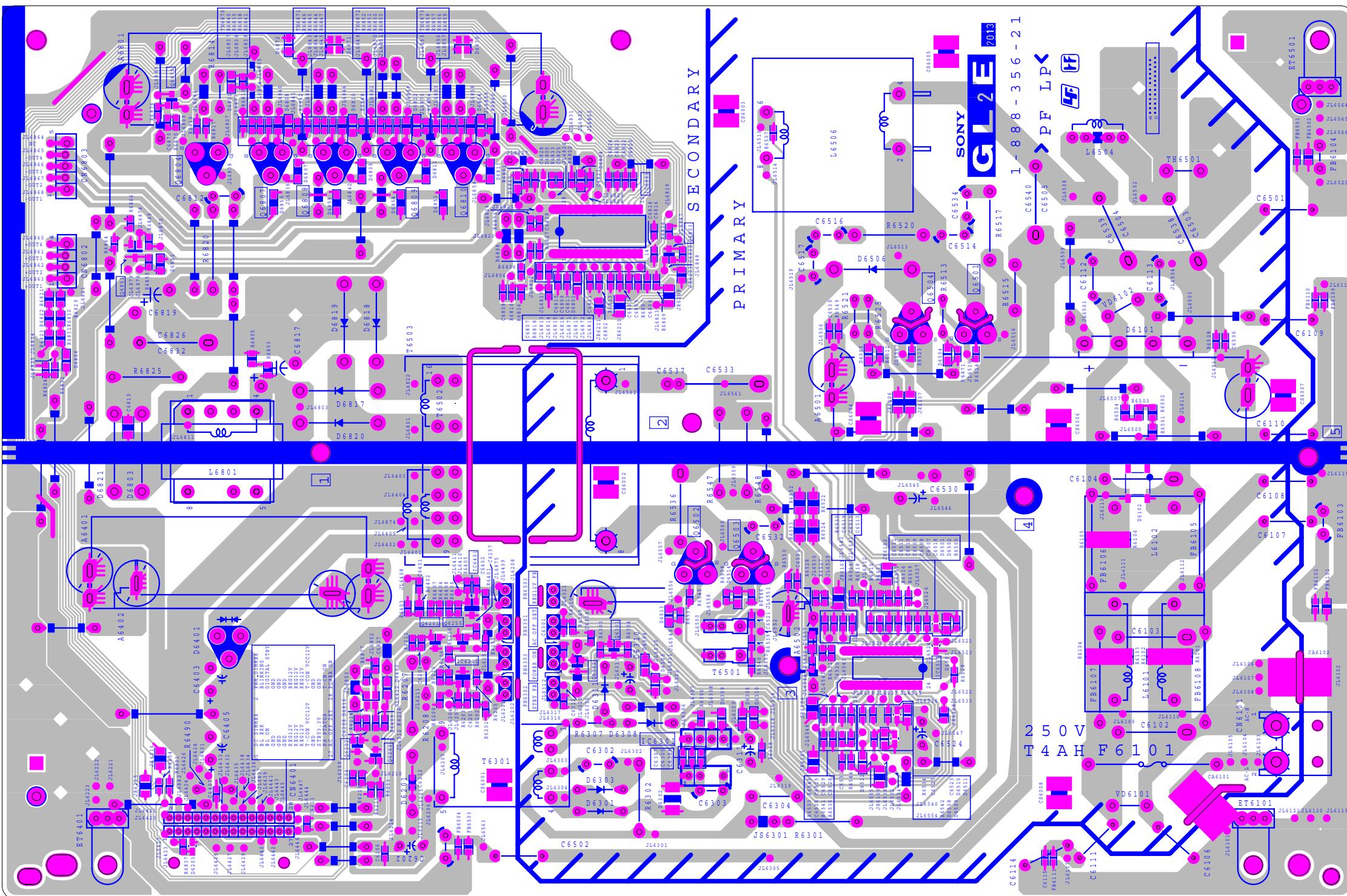
# GL2 PWB (2/2)



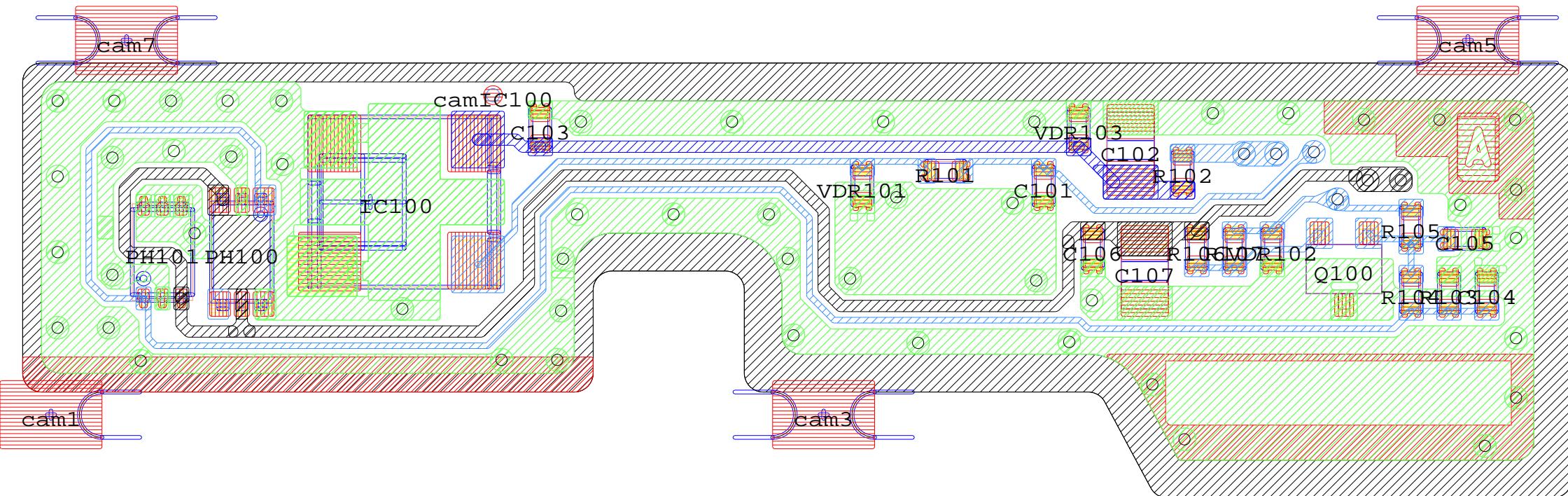
# GL2E PWB (1/2) (55")



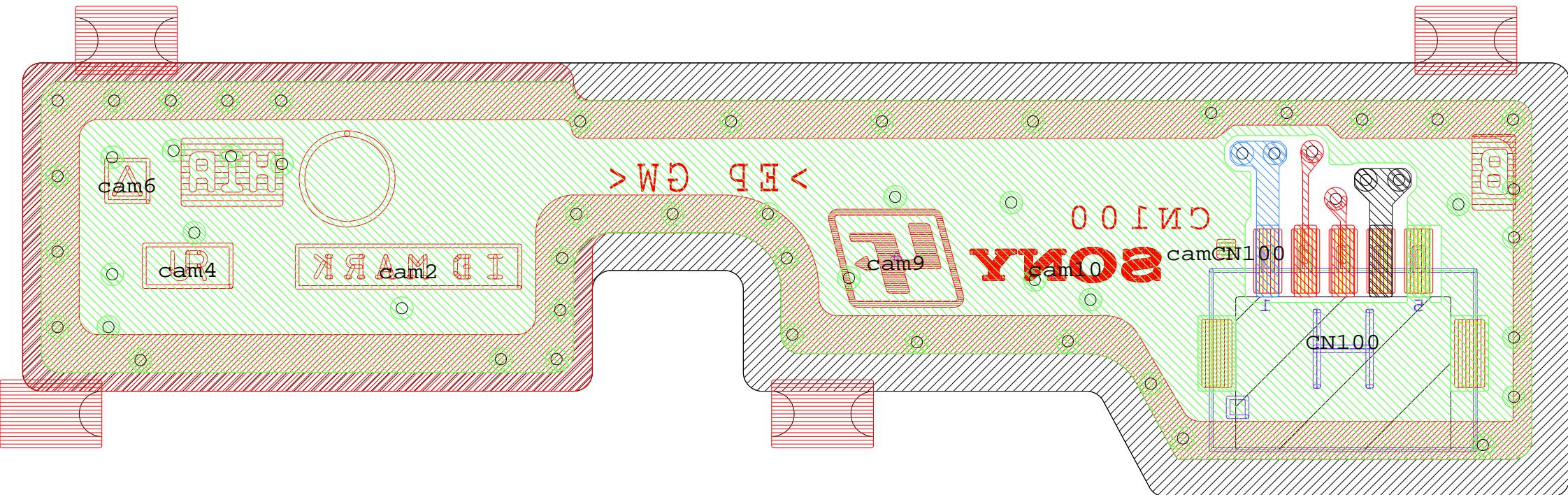
# GL2E PWB (2/2) (55")



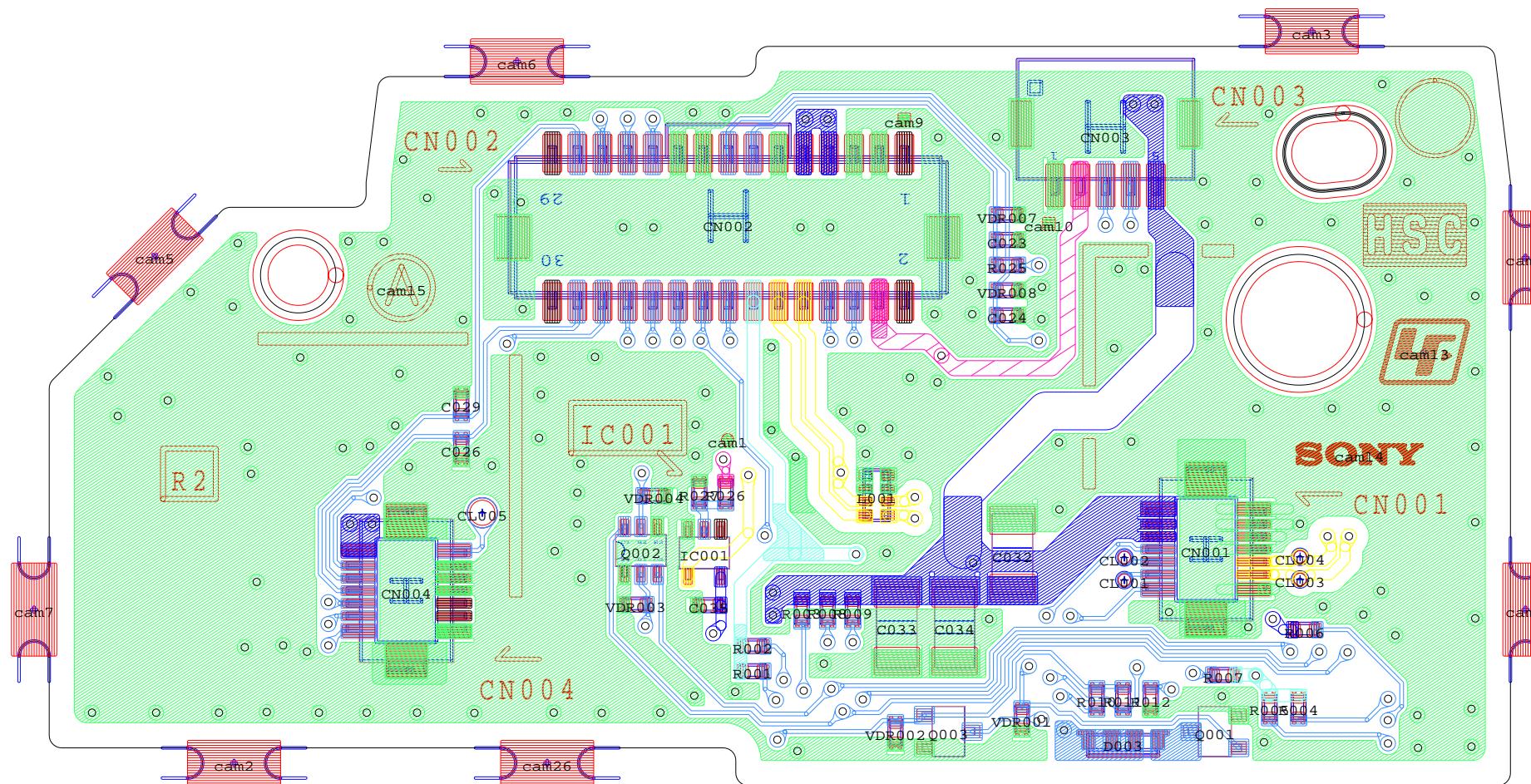
# HIR PWB BOARD (A SIDE)



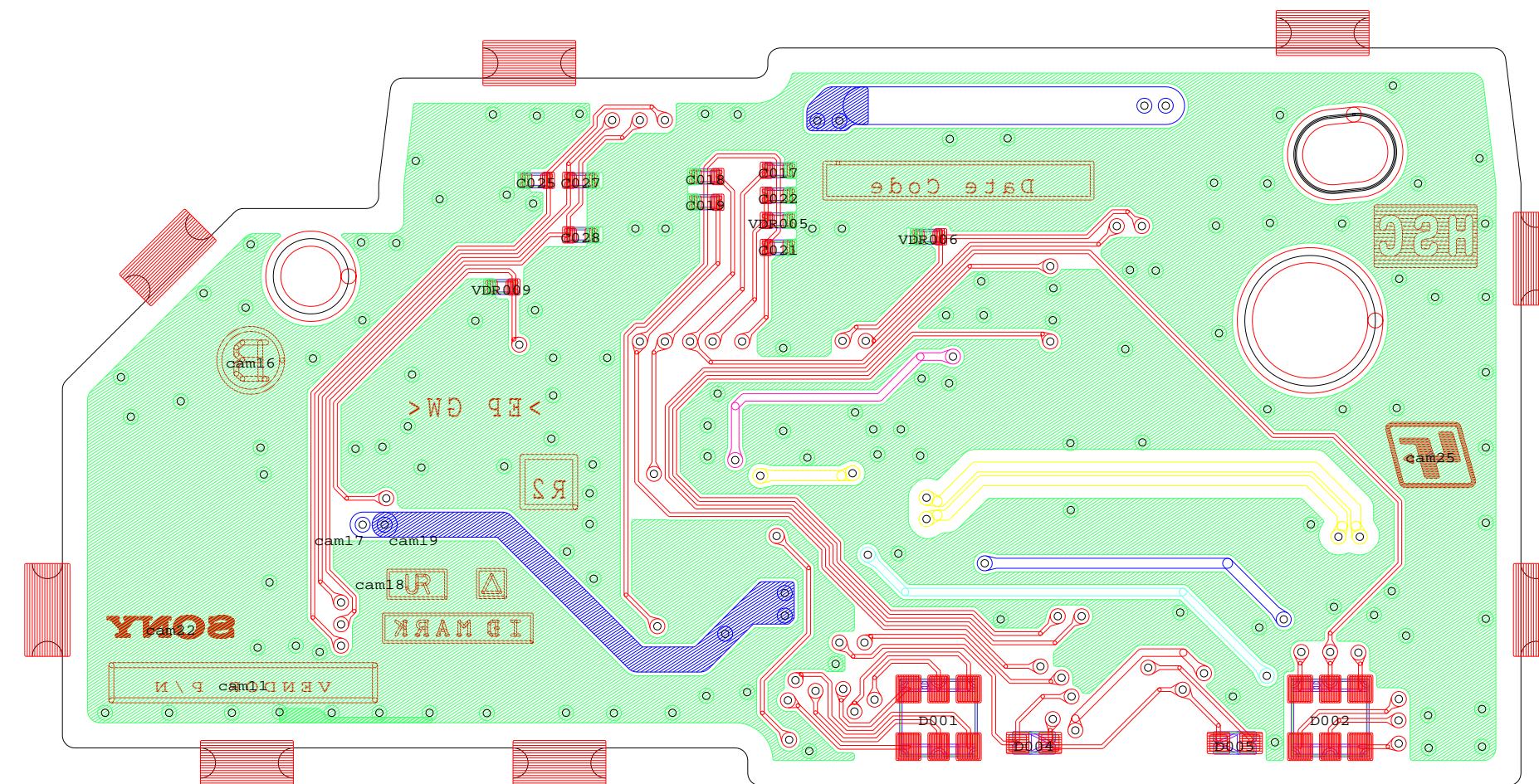
# HIR PWB (B SIDE)



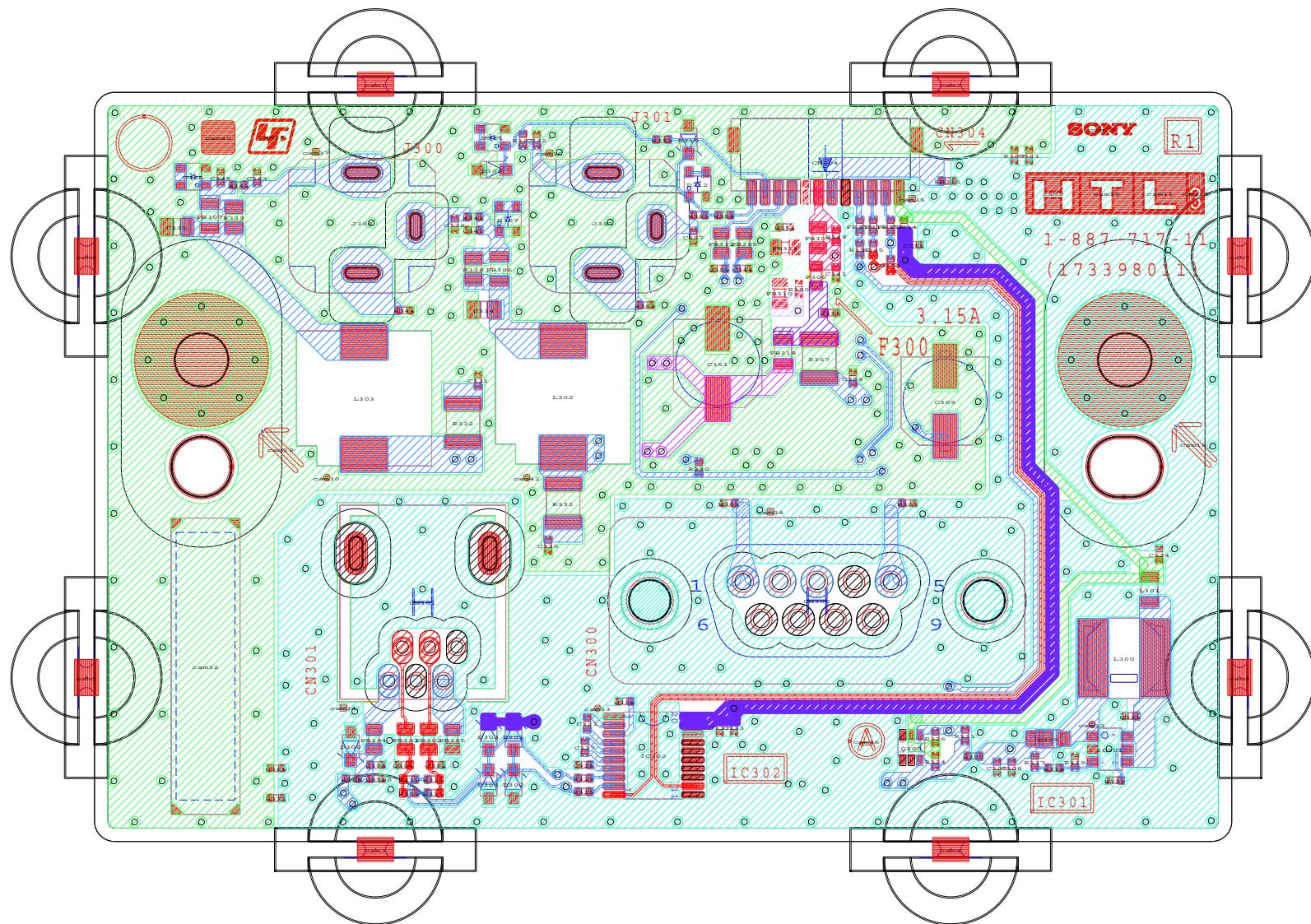
# HSC PWB (A SIDE)



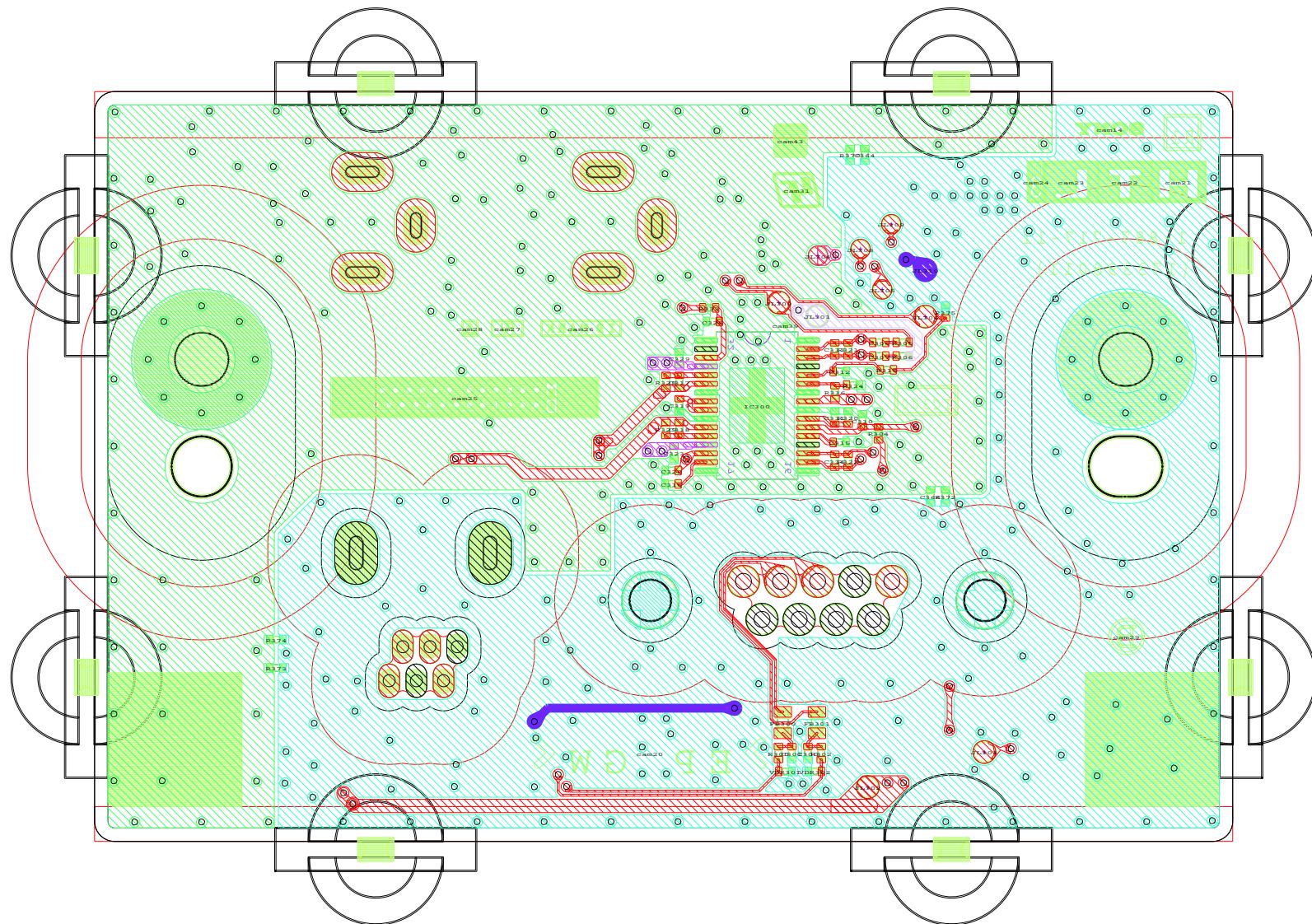
# HSC PWB (A SIDE)



# HTL3 PWB (1/2) (55W808A)



# HTL3 PWB (2/2) (55W808A)



**( 42", 47") (GL2S)**

1-474-481-11

GL2S STATIC CONVERTER (TV)

**(Child part list is not available)****( 55") (GL2E)**

A1925276A

GL2E MOUNTED PC BOARD

(NOT STOCKED)

1-474-503-21

GL2E(ID)-STATIC CONVERTER(TV)

Ref-No	Child part no	Part desc-E
C6115	116292791	CAP, CERAMIC 100PF CH 1608
C6201	112771591	CAP,CHIP CERAMIC 0.22MF B 1608
C6202	111220921	CAP, ELECT 820MF 105
C6203	116296491	CAP,CHIP CERAMIC 1000PF B 1608
C6204	110782691	CAP, CHIP CERAMIC 0.1MF B
C6206	116297091	CAP, CERAMIC 0.01MF B 1608
C6208	111673411	CAP, CERAMIC 1MF X5R 1608
C6211	116296491	CAP,CHIP CERAMIC 1000PF B 1608
C6257	116296891	CAP,CHIP CERAMIC 4700PF B 1608
C6301	116297091	CAP, CERAMIC 0.01MF B 1608
C6302	111247011	CAP, CERAMIC 470PF D
C6305	116292791	CAP, CERAMIC 100PF CH 1608
C6307	110059791	CAP, CHIP CERAMIC 0.1MF B 1608
C6308	111673411	CAP, CERAMIC 1MF X5R 1608
C6310	110789391	CAP, ELECT 100MF
C6311	110790391	CAP, ELECT 2.2MF
C6312	116296891	CAP,CHIP CERAMIC 4700PF B 1608
C6402	110782691	CAP, CHIP CERAMIC 0.1MF B
C6407	116296491	CAP,CHIP CERAMIC 1000PF B 1608
C6506	110059791	CAP, CHIP CERAMIC 0.1MF B 1608
C6507	112589191	CAP, CHIP CERAMIC 0.47MF B 1608
C6509	116297091	CAP, CERAMIC 0.01MF B 1608
C6510	116422791	CAP,CERAMIC 22000PF B 1608

<b>Ref-No</b>	<b>Child part no</b>	<b>Part desc-E</b>
C6511	112589191	CAP, CHIP CERAMIC0.47MF B 1608
C6512	116296491	CAP,CHIP CERAMIC 1000PF B 1608
C6513	116296491	CAP,CHIP CERAMIC 1000PF B 1608
C6514	111247011	CAP, CERAMIC 470PF D
C6515	116296291	CAP, CERAMIC 470PF B 1608
C6516	111247011	CAP, CERAMIC 470PF D
C6517	111247011	CAP, CERAMIC 470PF D
C6518	116297091	CAP, CERAMIC 0.01MF B 1608
C6519	116297091	CAP, CERAMIC 0.01MF B 1608
C6520	116296491	CAP,CHIP CERAMIC 1000PF B 1608
C6521	111836111	CAP, CERAMIC 0.1MF X7R 1608
C6523	110059791	CAP, CHIP CERAMIC 0.1MF B 1608
C6524	110790691	CAP, ELECT 10MF
C6525	112771591	CAP,CHIP CERAMIC 0.22MF B 1608
C6526	112771591	CAP,CHIP CERAMIC 0.22MF B 1608
C6527	110782691	CAP, CHIP CERAMIC 0.1MF B
C6528	116296691	CAP, CERAMIC 2200PF B 1608
C6529	116296691	CAP, CERAMIC 2200PF B 1608
C6534	111247011	CAP, CERAMIC 470PF D
C6536	110059791	CAP, CHIP CERAMIC 0.1MF B 1608
C6802	116292791	CAP, CERAMIC 100PF CH 1608
C6805	116297091	CAP, CERAMIC 0.01MF B 1608
C6806	116296491	CAP,CHIP CERAMIC 1000PF B 1608
C6808	111804111	CAP, CERAMIC 4.7MF X5R (1608)
C6809	116296291	CAP, CERAMIC 470PF B 1608
C6810	111672911	CAP, CERAMIC 2.2MF X5R 1608
C6811	111673411	CAP, CERAMIC 1MF X5R 1608
C6813	111673411	CAP, CERAMIC 1MF X5R 1608
C6814	110782691	CAP, CHIP CERAMIC 0.1MF B
C6816	116296491	CAP,CHIP CERAMIC 1000PF B 1608
C6821	111673411	CAP, CERAMIC 1MF X5R 1608
C6825	116297091	CAP, CERAMIC 0.01MF B 1608
C6828	111673411	CAP, CERAMIC 1MF X5R 1608
C6829	110782691	CAP, CHIP CERAMIC 0.1MF B

Ref-No	Child part no	Part desc-E
CS6001	185401311	TERMINAL, MOUNT SPACER
CS6002	185401311	TERMINAL, MOUNT SPACER
CS6003	185401311	TERMINAL, MOUNT SPACER
CS6004	185401311	TERMINAL, MOUNT SPACER
CS6005	185401311	TERMINAL, MOUNT SPACER
CS6006	185401311	TERMINAL, MOUNT SPACER
CS6007	185401311	TERMINAL, MOUNT SPACER
CS6008	185401311	TERMINAL, MOUNT SPACER
D6102	650083901	DIODE D1UBA80
D6201	650389201	DI SR260
D6203	650357801	DI RB520SM-30T2R
D6303	650129711	DI 1F6G-TA26
D6306	650302001	DI DZ2J082M0L
D6308	650392501	DI 11EFS4G-TA1B2
D6309	650296101	DI DA2J10100L
D6310	650302001	DI DZ2J082M0L
D6311	650392501	DI 11EFS4G-TA1B2
D6402	650297601	DI DZ2J150M0L
D6503	650357801	DI RB520SM-30T2R
D6505	650305801	DI DB2J31700L
D6508	650296701	DI DZ2J06200L
D6509	650357801	DI RB520SM-30T2R
D6510	650357801	DI RB520SM-30T2R
D6512	650296101	DI DA2J10100L
D6513	650296101	DI DA2J10100L
D6514	650296101	DI DA2J10100L
D6801	650296101	DI DA2J10100L
D6806	650296701	DI DZ2J06200L
D6807	650158101	DIODE CRG03 (T5RSony,Q)
D6809	650158101	DIODE CRG03 (T5RSony,Q)
D6811	650158101	DIODE CRG03 (T5RSony,Q)
D6813	650158101	DIODE CRG03 (T5RSony,Q)
D6816	650297901	DI DA4J104K0L
D6870	650297901	DI DA4J104K0L

<b>Ref-No</b>	<b>Child part no</b>	<b>Part desc-E</b>
D6871	650297901	DI DA4J104K0L
D6872	650297301	DI DZ2J091M0L
ET6101	178072211	TERMINAL, GROUND
ET6401	178072211	TERMINAL, GROUND
ET6501	178072211	TERMINAL, GROUND
FB6102	140079421	EMI FERRITE (SMD) (1608)
FB6105	148200711	INDUCTOR, FERRITE BEAD
FB6106	148200711	INDUCTOR, FERRITE BEAD
FB6111	141476021	FERRITE, EMI (SMD) (1608)
FB6501	140058021	FERRITE, EMI (SMD)
FB6504	146909421	FERRITE, EMI (SMD) (1608)
IC6201	671830901	IC MM1530DNRE
IC6401	671686501	IC MM1431FNRE
IC6501	875337210	IC CXA3810M-T6
IC6801	875342217	IC CXA3854M-T6
JR6101	121629691	CONDUCTOR, CHIP (3216)
JR6102	121629691	CONDUCTOR, CHIP (3216)
JR6104	121629691	CONDUCTOR, CHIP (3216)
JR6105	121629691	CONDUCTOR, CHIP (3216)
JR6106	121629691	CONDUCTOR, CHIP (3216)
JR6107	121629691	CONDUCTOR, CHIP (3216)
JR6108	121629591	CONDUCTOR, CHIP (2012)
JR6109	121629691	CONDUCTOR, CHIP (3216)
JR6203	121629591	CONDUCTOR, CHIP (2012)
JR6209	121629691	CONDUCTOR, CHIP (3216)
JR6210	121629691	CONDUCTOR, CHIP (3216)
JR6211	121629591	CONDUCTOR, CHIP (2012)
JR6215	121629691	CONDUCTOR, CHIP (3216)
JR6216	121629691	CONDUCTOR, CHIP (3216)
Q6201	655333801	TR RU1C001UNTCL
Q6202	655289201	TR LSCR523UBFS8TL
Q6203	655289101	TR LSAR523UBFS8TL

<b>Ref-No</b>	<b>Child part no</b>	<b>Part desc-E</b>
Q6255	655293601	TR LTC014EUBFS8TL
Q6302	655293601	TR LTC014EUBFS8TL
Q6803	655293601	TR LTC014EUBFS8TL
R6201	121682191	RES, CHIP 1.0K (1608)
R6202	121682791	RES, CHIP 3.3K (1608)
R6203	121683591	RES, CHIP 15K (1608)
R6205	121681791	RES, CHIP 470 (1608)
R6206	125065411	RES, METAL FILM CHIP 39K(1608)
R6208	124780791	RES, CARBON (SMALL) 100
R6209	125064011	RES, METAL FILM CHIP 10K(1608)
R6210	125063611	RES,METAL FILM CHIP 6.8K(1608)
R6211	121683791	RES, CHIP 22K (1608)
R6212	121684191	RES, CHIP 47K (1608)
R6213	121683391	RES, CHIP 10K (1608)
R6214	121683791	RES, CHIP 22K (1608)
R6215	121682191	RES, CHIP 1.0K (1608)
R6216	121682191	RES, CHIP 1.0K (1608)
R6255	125063611	RES,METAL FILM CHIP 6.8K(1608)
R6256	121680991	RES, CHIP 100 (1608)
R6301	124618821	RES, INCOMBUSTIBLE FUSE 10
R6302	121864281	RES, METAL OXIDE FILM 100K
R6303	121686491	CONDUCTOR, CHIP (1608)
R6306	121683091	RES, CHIP 5.6K (1608)
R6307	124938561	RES, CARBON 2.2
R6308	121681391	RES, CHIP 220 (1608)
R6309	121682991	RES, CHIP 4.7K (1608)
R6402	121605791	RES, CHIP 2.2K (2012)
R6405	121682191	RES, CHIP 1.0K (1608)
R6406	125063311	RES,METAL FILM CHIP 5.1K(1608)
R6407	125063211	RES,METAL FILM CHIP 4.7K(1608)
R6408	125062011	RES,METAL FILM CHIP 1.5K(1608)
R6409	121683391	RES, CHIP 10K (1608)
R6501	120884291	RES, CHIP 330K (2012)
R6502	120884291	RES, CHIP 330K (2012)

<b>Ref-No</b>	<b>Child part no</b>	<b>Part desc-E</b>
R6503	120884291	RES, CHIP 330K (2012)
R6504	120884291	RES, CHIP 330K (2012)
R6505	125065011	RES, METAL FILM CHIP 27K(1608)
R6507	121683391	RES, CHIP 10K (1608)
R6508	121685791	RES, CHIP 1.0M (1608)
R6509	121683391	RES, CHIP 10K (1608)
R6510	121683791	RES, CHIP 22K (1608)
R6511	125058411	RES, METAL FILM CHIP 47 (1608)
R6512	121679791	RES, CHIP 10 (1608)
R6516	125058811	RES, METAL FILM CHIP 68 (1608)
R6518	125065611	RES, METAL FILM CHIP 47K(1608)
R6519	125065811	RES, METAL FILM CHIP 56K(1608)
R6521	124940161	RES, CARBON 47
R6522	125708511	RES, METAL FILM 2M (3216)
R6523	121683391	RES, CHIP 10K (1608)
R6524	125708511	RES, METAL FILM 2M (3216)
R6525	124940161	RES, CARBON 47
R6527	125064911	RES, METAL FILM CHIP 24K(1608)
R6530	125067211	RES,METAL FILM CHIP 220K(1608)
R6531	125066411	RES,METAL FILM CHIP 100K(1608)
R6532	125067211	RES,METAL FILM CHIP 220K(1608)
R6533	121685391	RES, CHIP 470K (1608)
R6534	121683791	RES, CHIP 22K (1608)
R6535	125059611	RES, METAL FILM CHIP 150(1608)
R6537	121681391	RES, CHIP 220 (1608)
R6538	121681391	RES, CHIP 220 (1608)
R6539	121680591	RES, CHIP 47 (1608)
R6540	121680591	RES, CHIP 47 (1608)
R6541	125058811	RES, METAL FILM CHIP 68 (1608)
R6542	121682591	RES, CHIP 2.2K (1608)
R6543	125059411	RES, METAL FILM CHIP 120(1608)
R6545	121683391	RES, CHIP 10K (1608)
R6546	121683391	RES, CHIP 10K (1608)
R6547	121636381	RES, METAL OXIDE FILM 0.33
R6548	121636381	RES, METAL OXIDE FILM 0.33

<b>Ref-No</b>	<b>Child part no</b>	<b>Part desc-E</b>
R6550	121685791	RES, CHIP 1.0M (1608)
R6552	125708511	RES, METAL FILM 2M (3216)
R6553	125708511	RES, METAL FILM 2M (3216)
R6801	121680991	RES, CHIP 100 (1608)
R6802	121679391	RES, CHIP 4.7 (1608)
R6804	121680991	RES, CHIP 100 (1608)
R6806	121686191	RES, CHIP 2.2M (1608)
R6808	121686191	RES, CHIP 2.2M (1608)
R6809	125063211	RES,METAL FILM CHIP 4.7K(1608)
R6810	121681191	RES, CHIP 150 (1608)
R6813	121683391	RES, CHIP 10K (1608)
R6814	124940581	RES, CARBON (SMALL) 100
R6816	121680991	RES, CHIP 100 (1608)
R6817	121683391	RES, CHIP 10K (1608)
R6818	121683991	RES, CHIP 33K (1608)
R6819	121680691	RES, CHIP 56 (1608)
R6820	121636181	RES, METAL OXIDE FILM 0.22
R6821	120884291	RES, CHIP 330K (2012)
R6822	120884291	RES, CHIP 330K (2012)
R6823	120884291	RES, CHIP 330K (2012)
R6824	125064011	RES, METAL FILM CHIP 10K(1608)
R6826	121686191	RES, CHIP 2.2M (1608)
R6829	120884291	RES, CHIP 330K (2012)
R6830	120884291	RES, CHIP 330K (2012)
R6831	120884291	RES, CHIP 330K (2012)
R6832	125064911	RES, METAL FILM CHIP 24K(1608)
R6833	121680591	RES, CHIP 47 (1608)
R6836	121680991	RES, CHIP 100 (1608)
R6837	121682991	RES, CHIP 4.7K (1608)
R6838	121683391	RES, CHIP 10K (1608)
R6839	125736411	RES,METAL FILM CHIP 6.8 (1608)
R6840	125736511	RES,METAL FILM CHIP 8.2 (1608)
R6841	120875491	RES, CHIP 68 (2012)
R6842	121686491	CONDUCTOR, CHIP (1608)
R6844	121683391	RES, CHIP 10K (1608)

<b>Ref-No</b>	<b>Child part no</b>	<b>Part desc-E</b>
R6845	125736411	RES,METAL FILM CHIP 6.8 (1608)
R6846	125736511	RES,METAL FILM CHIP 8.2 (1608)
R6847	120875491	RES, CHIP 68 (2012)
R6848	121686491	CONDUCTOR, CHIP (1608)
R6850	121683391	RES, CHIP 10K (1608)
R6851	125736411	RES,METAL FILM CHIP 6.8 (1608)
R6852	125736511	RES,METAL FILM CHIP 8.2 (1608)
R6853	120875491	RES, CHIP 68 (2012)
R6854	121686491	CONDUCTOR, CHIP (1608)
R6856	121683391	RES, CHIP 10K (1608)
R6857	125736411	RES,METAL FILM CHIP 6.8 (1608)
R6858	125736511	RES,METAL FILM CHIP 8.2 (1608)
R6859	120875491	RES, CHIP 68 (2012)
R6860	121686491	CONDUCTOR, CHIP (1608)

## RB1G CHASSIS

## W800A/W804A/W808A

Ref-No.	Part No	Description	Remark	Ref-No.	Part No	Description	Remark	Ref-No.	Part No	Description	Remark		
	A-1906-619-A	HIR_HG_MD_LK MOUNT			A-1910-712-A	HTL MOUNT		R305	Part No	METAL CHIP			
* C103	1-116-738-11	CERAMIC CHIP	1UF 10% 6.3V	C306	1-116-732-11	CERAMIC CHIP	2.2UF 20% 6.3V	R306	1-218-951-11	METAL CHIP	4.7K 5%	1/16W	
* C105	1-116-738-11	CERAMIC CHIP	1UF 10% 6.3V	C307	1-116-732-11	CERAMIC CHIP	2.2UF 20% 6.3V	R307	1-218-972-11	METAL CHIP	47K 5%	1/16W	
* CN100	1-821-132-11	HEADER ASSEMBLY FOR PW6 SP		C308	1-116-732-11	CERAMIC CHIP	2.2UF 20% 6.3V	R308	1-218-937-11	METAL CHIP	47	5% 1/16W	
* IC100	6-600-828-01	IC	R5-270	C309	1-137-942-21	ELECT CHIP	47UF 20% 25V	R310	1-218-990-81	SHORT CHIP	0		
* Photo Coupler				C310	1-100-916-11	CERAMIC CHIP	0.1UF 10% 16V	R313	1-218-990-81	SHORT CHIP	0		
PH100	6-600-680-01	PHOTO DIODE	BH1690FVC-TR	C311	1-100-916-11	CERAMIC CHIP	0.1UF 10% 16V	R315	1-218-941-81	METAL CHIP	100 5%	1/16W	
Q100	6-552-891-01	TR	LSAR523UBFS8TL	C312	1-100-415-91	CERAMIC CHIP	0.47UF 10% 6.3V	R316	1-218-973-11	METAL CHIP	47K 5%	1/16W	
R101	1-218-941-81	METAL CHIP	100 5% 1/16W	C313	1-100-905-11	CERAMIC CHIP	0.001UF 10% 50V	R317	1-218-953-11	METAL CHIP	1K 5%	1/16W	
R102	1-218-941-81	METAL CHIP	100 5% 1/16W	C314	1-100-905-11	CERAMIC CHIP	0.001UF 10% 50V	R318	1-218-972-11	METAL CHIP	39K 5%	1/16W	
R103	1-250-547-11	METAL CHIP	150K 1% 1/16W	C315	1-100-916-11	CERAMIC CHIP	0.1UF 10% 16V	R320	1-218-972-11	METAL CHIP	39K 5%	1/16W	
R104	1-218-965-11	METAL CHIP	10K 5% 1/16W	C316	1-100-916-11	CERAMIC CHIP	0.1UF 10% 16V	R322	1-218-951-11	METAL CHIP	4.7K 5%	1/16W	
R105	1-218-971-11	METAL CHIP	33K 5% 1/16W	C317	1-127-998-81	CERAMIC CHIP	0.015UF 10% 16V	R323	1-218-941-81	METAL CHIP	100 5%	1/16W	
R106	1-218-953-11	METAL CHIP	1K 5% 1/16W	C318	1-127-998-81	CERAMIC CHIP	0.015UF 10% 16V	R325	1-218-941-81	METAL CHIP	100 5%	1/16W	
R107	1-218-953-11	METAL CHIP	1K 5% 1/16W	C319	1-100-916-11	CERAMIC CHIP	0.1UF 10% 16V	R327	1-218-977-11	METAL CHIP	100K 5%	1/16W	
A-1906-603-B	HSC-NON_LW MOUNT (W800A /W804)			C320	1-100-916-11	CERAMIC CHIP	0.1UF 10% 16V	R328	1-218-989-11	METAL CHIP	1M 5%	1/16W	
C025	1-112-777-11	CAPACITOR		C321	1-100-916-11	CERAMIC CHIP	0.1UF 10% 16V	R329	1-218-989-11	METAL CHIP	1M 5%	1/16W	
C032	1-116-708-11	CERAMIC CHIP	0.01UF 10% 25V	C322	1-100-774-11	CERAMIC CHIP	2.2UF 20% 6.3V	R330	1-218-926-11	METAL CHIP	470 5%	1/16W	
C034	1-116-708-11	CERAMIC CHIP	47UF 20% 6.3V	C323	1-100-916-11	CERAMIC CHIP	0.1UF 10% 16V	R331	1-220-238-11	METAL CHIP	10 5%	1/4W	
CN002	1-820-235-11	HEADER ASSEMBLY	30P	C324	1-100-916-11	CERAMIC CHIP	0.1UF 10% 16V	R332	1-220-238-11	METAL CHIP	10 5%	1/4W	
* CN003	1-821-132-11	HEADER ASSEMBLY FOR PW6 SP		C325	1-100-916-11	CERAMIC CHIP	0.1UF 10% 16V	R333	1-218-949-11	METAL CHIP	470 5%	1/16W	
D001	6-503-912-01	DI_LTRB	RBSF	C326	1-100-916-11	CERAMIC CHIP	0.1UF 10% 16V	R334	1-216-941-81	METAL CHIP	100 5%	1/16W	
* D002	6-503-912-01	DI_LTRB	RBSF	C327	1-100-916-11	CERAMIC CHIP	0.1UF 10% 16V	R338	1-216-295-91	SHORT CHIP	0		
* D003	6-503-911-01	DI	CL-43SF2-AW01	C328	1-100-916-11	CERAMIC CHIP	47UF 10% 25V	R339	1-216-295-91	SHORT CHIP	0		
D004	6-502-196-01	DI	SML-D12Y8WT86SP	C329	1-112-774-11	CERAMIC CHIP	47UF 10% 50V	R342	1-218-990-81	SHORT CHIP	0		
D005	6-502-196-01	DI	SML-D12Y8WT86SP	C330	1-112-774-11	CERAMIC CHIP	47UF 10% 50V	R343	1-218-990-81	SHORT CHIP	0		
L001	1-457-539-11	INDUCTOR	0UH	C331	1-112-774-11	CERAMIC CHIP	47UF 10% 50V	R344	1-218-990-81	SHORT CHIP	0		
Q001	6-552-936-01	Transistor	TR	LTC014EUBFS8TL	C332	1-100-916-11	CERAMIC CHIP	0.1UF 10% 16V	R345	1-218-941-81	METAL CHIP	100 5%	1/16W
Q002	6-550-978-01	TR	RN1902	C333	1-116-732-11	CERAMIC CHIP	2.2UF 20% 6.3V	R349	1-218-900-81	SHORT CHIP	0		
Q003	6-552-936-01	TR	LTC014EUBFS8TL	C334	1-114-735-11	CERAMIC CHIP	0.68UF 10% 25V	R352	1-218-900-81	SHORT CHIP	0		
R002	1-218-946-11	METAL CHIP	270 5% 1/16W	C335	1-114-735-11	CERAMIC CHIP	0.68UF 10% 25V	R353	1-218-941-81	METAL CHIP	100 5%	1/16W	
R003	1-218-942-11	METAL CHIP	120 5% 1/16W	C345	1-100-905-11	CERAMIC CHIP	0.001UF 10% 50V	R354	1-218-941-81	METAL CHIP	100 5%	1/16W	
R005	1-218-946-11	METAL CHIP	270 5% 1/16W	C347	1-100-905-11	CERAMIC CHIP	0.001UF 10% 50V	R357	1-220-238-11	METAL CHIP	10 5%	1/4W	
R006	1-218-942-11	METAL CHIP	120 5% 1/16W	C351	1-100-916-11	CERAMIC CHIP	0.1UF 10% 16V	R361	1-218-990-81	SHORT CHIP	0		
R007	1-250-471-11	METAL CHIP	100 1% 1/16W	C359	1-100-916-11	CERAMIC CHIP	0.1UF 10% 16V	R362	1-218-990-81	SHORT CHIP	0		
R008	1-250-489-11	METAL CHIP	560 1% 1/16W	C361	1-137-942-21	ELECT CHIP	47UF 20% 25V	R363	1-218-990-81	SHORT CHIP	0		
* R009	1-250-489-11	METAL CHIP	560 1% 1/16W	F300	1-576-601-31	FUSE	3.15A 24V	R373	1-218-990-81	SHORT CHIP	0		
R025	1-218-965-11	METAL CHIP	10K 5% 1/16W	F301	1-416-760-21	FERRITE	0UH	R374	1-218-990-81	SHORT CHIP	0		
VDR005	1-802-090-21	Varistor	CHIP	F302	1-416-760-21	FERRITE	0UH	R375	1-218-957-11	METAL CHIP	2.2K 5%	1/16W	
VDR006	1-802-090-21	Varistor	CHIP	F303	1-416-760-21	FERRITE	0UH	VDR01	1-802-090-21	Varistor, CHIP			
VDR007	1-802-090-21	Varistor	CHIP	F304	1-416-760-21	FERRITE	0UH	VDR02	1-802-090-21	Varistor, CHIP			
A-1906-605-B	HSC-NO_BT_WIFI MOUNT (W808A)			F305	1-416-760-21	FERRITE	0UH						
CN002	1-820-235-11	HEADER ASSEMBLY	30P	F306	1-416-760-21	FERRITE	0UH						
* CN003	1-821-132-11	HEADER ASSEMBLY FOR PW6 SP		F307	1-416-760-21	FERRITE	0UH						
D001	6-503-912-01	DI_LTRB	RBSF	F318	1-469-869-21	FERRITE	0UH						
* D002	6-503-912-01	DI_LTRB	RBSF										
* D003	6-503-911-01	DI	CL-43SF2-AW01	IC300	6-713-842-01	IC	IC TDA8932BTW						
D004	6-502-196-01	DI	SML-D12Y8WT86SP	IC301	6-717-164-01	IC	P06CU12X2AVQ						
D005	6-502-196-01	DI	SML-D12Y8WT86SP	IC302	6-705-514-01	IC	MAX3222IPWR						
Q001	6-552-936-01	Transistor	TR	J300	1-842-678-12	MINI JACK (ST)							
Q002	6-550-978-01	TR	RN1902	J301	1-842-678-12	MINI JACK (ST)							
Q003	6-552-936-01	TR	LTC014EUBFS8TL	L300	1-457-454-11	INDUCTOR	47UH						
R002	1-218-946-11	METAL CHIP	270 5% 1/16W	L301	1-457-534-11	INDUCTOR	10UH						
R003	1-218-942-11	METAL CHIP	120 5% 1/16W	L302	1-457-756-21	INDUCTOR	22UH						
R005	1-218-946-11	METAL CHIP	270 5% 1/16W	L303	1-457-756-21	INDUCTOR	22UH						
R006	1-218-942-11	METAL CHIP	120 5% 1/16W	Q300	6-551-387-01	TRANSISTOR	SSM6N16FU						
R007	1-250-471-11	METAL CHIP	100 1% 1/16W										
* R008	1-250-489-11	METAL CHIP	560 1% 1/16W	R300	1-218-937-11	METAL CHIP	47 5% 1/16W						
* R009	1-250-489-11	METAL CHIP	560 1% 1/16W	R302	1-218-937-11	METAL CHIP	47 5% 1/16W						
VDR005	1-802-090-21	Varistor	CHIP	R303	1-218-990-81	SHORT CHIP	0						
VDR006	1-802-090-21	Varistor	CHIP	R304	1-218-990-81	SHORT CHIP	0						
VDR007	1-802-090-21	Varistor	CHIP										
VDR008	1-802-090-21	Varistor	CHIP										
VDR009	1-802-090-21	Varistor	CHIP										

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