

HISTORY INFORMATION FOR THE FOLLOWING MANUAL:

SERVICE MANUAL

WAX2 CHASSIS

<u>MODEL NAME</u>	<u>REMOTE COMMANDER</u>	<u>DESTINATION</u>
KDL-32S2400	RM-YD005	US/CANADA
KDL-40S2400	RM-YD005	US/CANADA

ORIGINAL MANUAL ISSUE DATE: 9/2006

 :UPDATED ITEM

REVISION DATE	SUBJECT
9/2006	No revisions or updates are applicable at this time.
1/2007	Corrected PN for BU Boards. Replaced pages 55 & 64.
1/2007	Added new LCD panels for 32" model SN 8,200,001 and up. Replaced page 57.

LCD DIGITAL COLOR TELEVISION

SONY®

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KDL-40S2400



RM-YD005

LCD DIGITAL COLOR TELEVISION

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SPECIFICATIONS

Power Requirements 120V-240V AC, 50/60Hz

Power Consumption (W)

In Use (Max) 150W (KDL-32S2400 Only)

200W (KDL-40S2400 Only)

In Standby Less than 0.1W

Video (IN) 1/2/3

S Video (4-Pin Mini DIN (VIDEO 1/2 Only)

Y: 1.0 Vp-p, 75 ohms unbalanced, sync negative

C: 0.286 Vp-p (Burst signal), 75 ohms

Video

1.0 Vp-p, 75ohms unbalanced, sync negative

Audio

500 mVrms (100% modulation)

Impedance: 47 kilohms

HD/DVD IN 4/5

Y_PB_PR_P (Component Video)

Y: 1.0 Vp-p, 75 ohms unbalanced, sync negative

P_B: 0.7 Vp-p, 75 ohms

P_R: 0.7 Vp-p, 75 ohms

Signal format: 480i, 480p, 720p, 1080i

AUDIO

500 mVrms (100% modulation)

Impedance: 47 kilohms

HDMI IN 6:

HDMI: Video: 480i, 480p, 720p, 1080i

Audio: Two channel linear PCM 32, 44.1 and 48 kHz, 16, 20 and 24 bits

AUDIO: 500 mVrms (100% modulation)

Impedance: 47 kilohms

AUDIO OUT:

500 mVrms (100% modulation)

More than 1 Vrms at the maximum volume setting (Variable)

More than 500 mVrms (Fixed)

PC IN 7:

D-sub 15-pin, analog RGB, 0.7 Vp-p, 75 ohms, positive

PC AUDIO INPUT:

Stereo mini jack, 0.5 Vrms, 1 kilohm

Headphones:

Stereo mini jack

Impedance: 16 ohms

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Design and specifications are subject to change without notice.

	KDL-32S2400	KDL-40S2400
Speaker Output (W)	10W x 10W	
mm	42 x 150	55 x 150
in	1 ^{11/16} x 6	2 ^{1/4} x 6
Dimensions (W x H x D) with stand		
mm	792 x 593 x 219 mm	988 x 716 x 334 mm
in	31 ^{1/4} x 23 ^{3/8} x 8 ^{5/8} in	39 x 28 ^{1/4} x 13 ^{1/4} in
Dimensions (W x H x D) without stand		
mm	792 x 546 x 99 mm	988 x 664 x 103 mm
in	31 ^{1/4} x 21 ^{1/2} x 4 in	39 x 26 ^{1/4} x 4 ^{1/8} in
Mass with stand		
kg	17 kg	27 kg
lbs	37 lbs 7 oz	59 lbs 8 oz
without stand		
kg	15 kg	21 kg
lbs	33 lbs	46 lbs 3 oz

Television system

NTSC	American TV Standard
ATSC (8VSB terrestrial)	ATSC compliant 8VSB
QAM on cable	ANSI/SCTE 07 2000

Channel coverage

	Analog	Digital
Terrestrial	2-69	2-69
Cable	1-125	1-135

Antenna

75-ohm external terminal for VHF/UHF

Panel System

LCD (Liquid Crystal Display) Panel

Display Resolution (horizontal x vertical):

1,366 dots x 768 lines

Screen Size (measured diagonally)

32 inches (KDL-32S2400 Only)

40 inches (KDL-40S2400 Only)

Supplied Accessories

Remote Commander RM-YD005
Two Size AA (R6) Batteries
75-ohm coaxial cable
AC Power Cord
HD15-HD15 Cable
Support Belt, Securing Screw, and Wood Screw
Cable Holder
Operating Instructions
Quick Setup Guide
Warranty Card

Optional Accessories

Headphones Plug Adapter
Connecting Cables
Wall-Mount Bracket
SU-WL31 (KDL-32S2400 Only)
SU-WL51 & SU-PW2 (KDL-40S2400 Only)

WARNINGS AND CAUTIONS

CAUTION


These servicing instructions are for use by qualified service personnel only. 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.

WARNING!!

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.



SAFETY-RELATED COMPONENT WARNING!!

Components identified by shading and  mark on the schematic diagrams, 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.


ATTENTION!!

Ces instructions de service sont à l'usage du personnel de service qualifié seulement. Pour prévenir le risque de choc électrique, ne pas faire l'entretien autre que celui contenu dans le Mode d'emploi à moins que vous soyez qualifié faire ainsi.

Afin d'éviter tout risque d'électrocution provenant d'un châssis sous tension, un transformateur d'isolement doit être utilisé lors de tout dépannage. Le châssis de ce récepteur est directement raccordé à l'alimentation du secteur.



ATTENTION AUX COMPOSANTS RELATIFS A LA SECURITE!!

Les composants identifiés par une trame et par une marque  sur les schémas de principe, les vues explosées et les listes de pièces sont d'une importance critique pour la sécurité du fonctionnement. Ne les remplacer que par des composants Sony dont le numéro de pièce est indiqué dans le présent manuel ou dans des suppléments publiés par Sony. Les réglages de circuit dont l'importance est critique pour la sécurité du fonctionnement sont identifiés dans le présent manuel. Suivre ces procédures lors de chaque remplacement de composants critiques, ou lorsqu'un mauvais fonctionnement suspecte.

SAFETY-RELATED COMPONENT WARNING

There are critical components used in LCD color TVs that are important for safety. These components are identified with shading and \triangle mark on the schematic diagrams and the electrical parts list. It is essential that these critical parts be replaced only with the part number specified in the electrical parts list to prevent electric shock, fire, or other hazard.

NOTE: Do not modify the original design without obtaining written permission from the manufacturer or you will void the original parts and labor guarantee.

USE CAUTION WHEN HANDLING THE LCD PANEL

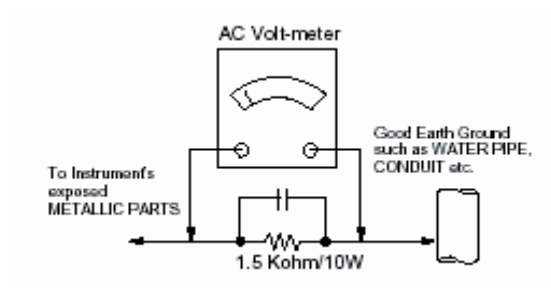
When repairing the LCD panel, be sure you are grounded by using a wrist band.

When installing the LCD panel on a wall, the LCD panel must be secured using the 4 mounting holes on the rear cover.

To avoid damaging the LCD panel:

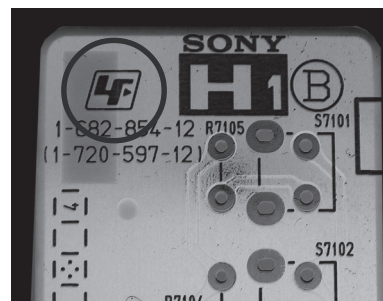
- do not press on the panel or frame edge to avoid the risk of electric shock.
- do not scratch or press on the panel with any sharp objects.
- do not leave the module in high temperatures or in areas of high humidity for an extended period of time.
- do not expose the LCD panel to direct sunlight.
- avoid contact with water. It may cause a short circuit within the module.
- disconnect the AC adapter when replacing the backlight (CCFL) or inverter circuit.
(High voltage occurs at the inverter circuit at 650Vrms.)
- always clean the LCD panel with a soft cloth material.
- use care when handling the wires or connectors of the inverter circuit. Damaging the wires may cause a short.
- protect the panel from ESD to avoid damaging the electronic circuit (C-MOS).

LEAKAGE CURRENT HOT CHECK CIRCUIT



example 1

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 e.g. H1 etc [see example]. The servicing of these boards requires special precautions to be taken as outlined below.



It is strongly recommended to use Lead Free Solder material in order to guarantee optimal quality of new solder joints. Lead Free Solder is available under the following part numbers :

Part number	Diameter	Remarks
7-640-005-19	0.3mm	0.25Kg
7-640-005-20	0.4mm	0.50Kg
7-640-005-21	0.5mm	0.50Kg
7-640-005-22	0.6mm	0.25Kg
7-640-005-23	0.8mm	1.00Kg
7-640-005-24	1.0mm	1.00Kg
7-640-005-25	1.2mm	1.00Kg
7-640-005-26	1.6mm	1.00Kg

Due to the higher melting point of Lead Free Solder the soldering iron tip temperature needs to be set to 370 degrees centigrade. This requires soldering equipment capable of accurate temperature control coupled with a good heat recovery characteristics.

For more information on the use of Lead Free Solder, please refer to <http://www.sony-training.com>

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 interboard wiring to ensure that no wires are "pinched" or touching high-wattage resistors.
3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that 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, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). 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 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 0.75 V, 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 multimeters that have a 2 VAC range are suitable (see Figure A).

How to Find a Good Earth Ground

A cold-water pipe is a guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. 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.

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 B).

Leakage Test

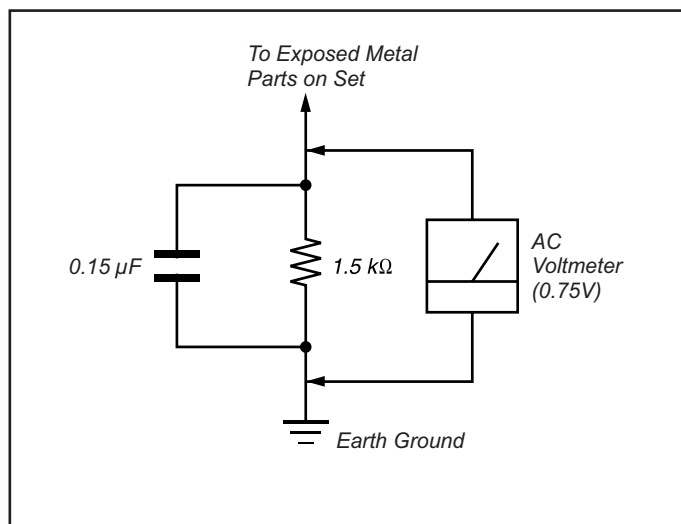


Figure A. Using an AC voltmeter to check AC leakage.

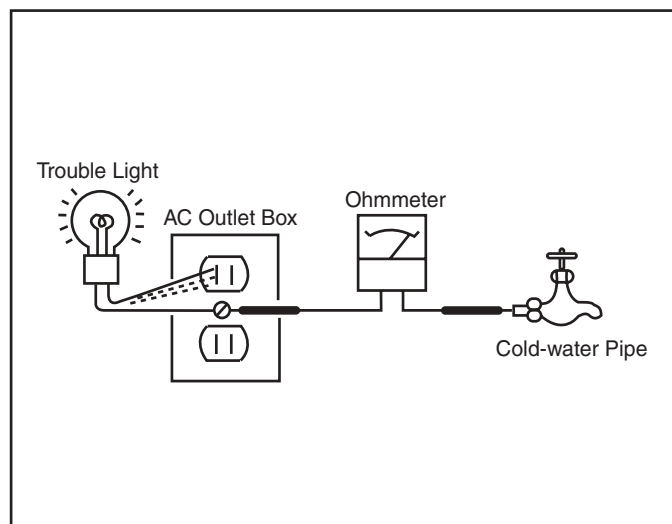
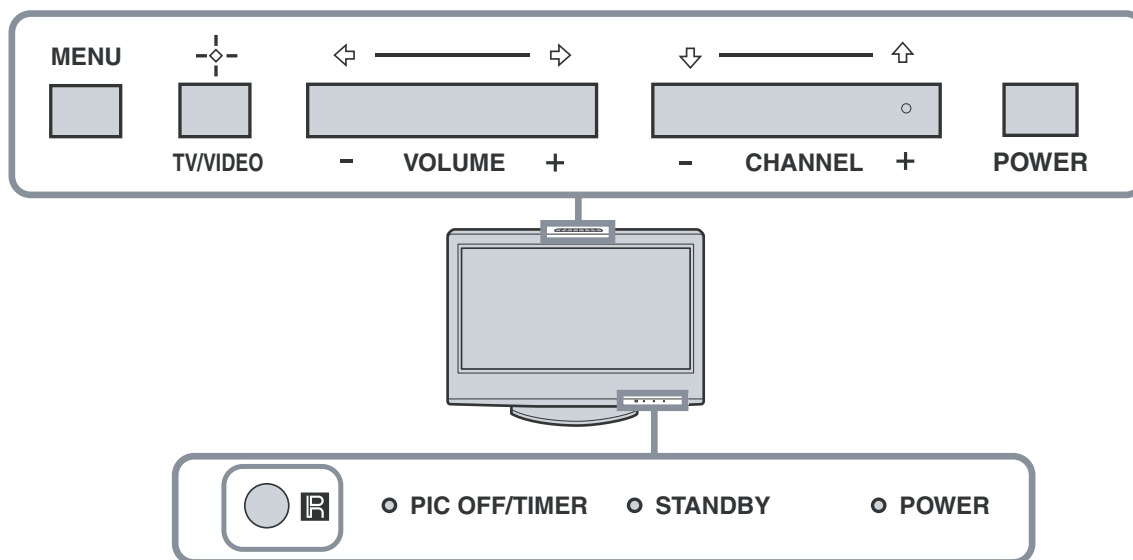


Figure B. Checking for earth ground.

SELF-DIAGNOSTIC FUNCTION

Self Diagnosis
Supported model

Control Buttons



Description of LED Indicators

LED	LED Type	Description
POWER LED	Red/Green LED	* Light is green when the TV set is on * Functions as failure indicator * Blinks green in aging mode
TIMER LED	Red LED	Lights when timer is set
PIC OFF LED	Green LED	Lights when power saving setting is set to picture off (See Instruction Manual)

LED Control

STATUS	POWER LED	TIMER LED/ PICTURE OFF LED	STANDBY LED	REMARKS
Power Off	Off	Off	Off	Power off using the power switch or remote control. NOTE: Standby state does not exist in this model; however, the microcomputer does enter into sleep mode.
Power Off	Lights Green	Off	Off	Microcomputer working normally.
Failure	Blinks Red	Off	Off	Failure causes are classified by the number of time the red light blinks.
Aging	Blinks Green	Off	Off	Aging mode is classified by a blinking green light.
Picture Off	Lights Green	Lights Green	Off	No display (black screen).
SLEEP TIMER	Lights Green	Lights Orange	Off	When SLEEP TIMER is set during power on.
	Lights Green	Lights Green	Off	When SLEEP TIMER is set in Picture Off mode.
ON TIMER	Off	Lights Orange	Off	When ON TIMER is set and power is off.
	Lights Green	Lights Orange	Off	When ON TIMER is set and power is on.
	Lights Green	Lights Green	Off	When ON TIMER is set in Picture Off mode.
PC STANDBY	Off	Off	Lights Red	
PC STANDBY/ TIMER ON	Off	Lights Orange	Lights Red	

The units in this manual contain a self-diagnostic function. If an error occurs, the POWER LED will automatically begin to flash. The number of times the LED flashes translates to a probable source of the problem. A definition of the POWER LED flash indicators is listed in the instruction manual for the user's knowledge and reference. If an error symptom is difficult to reproduced use the Remote Commander to display the record that is stored at the internal NVM to specify the cause of the failure.

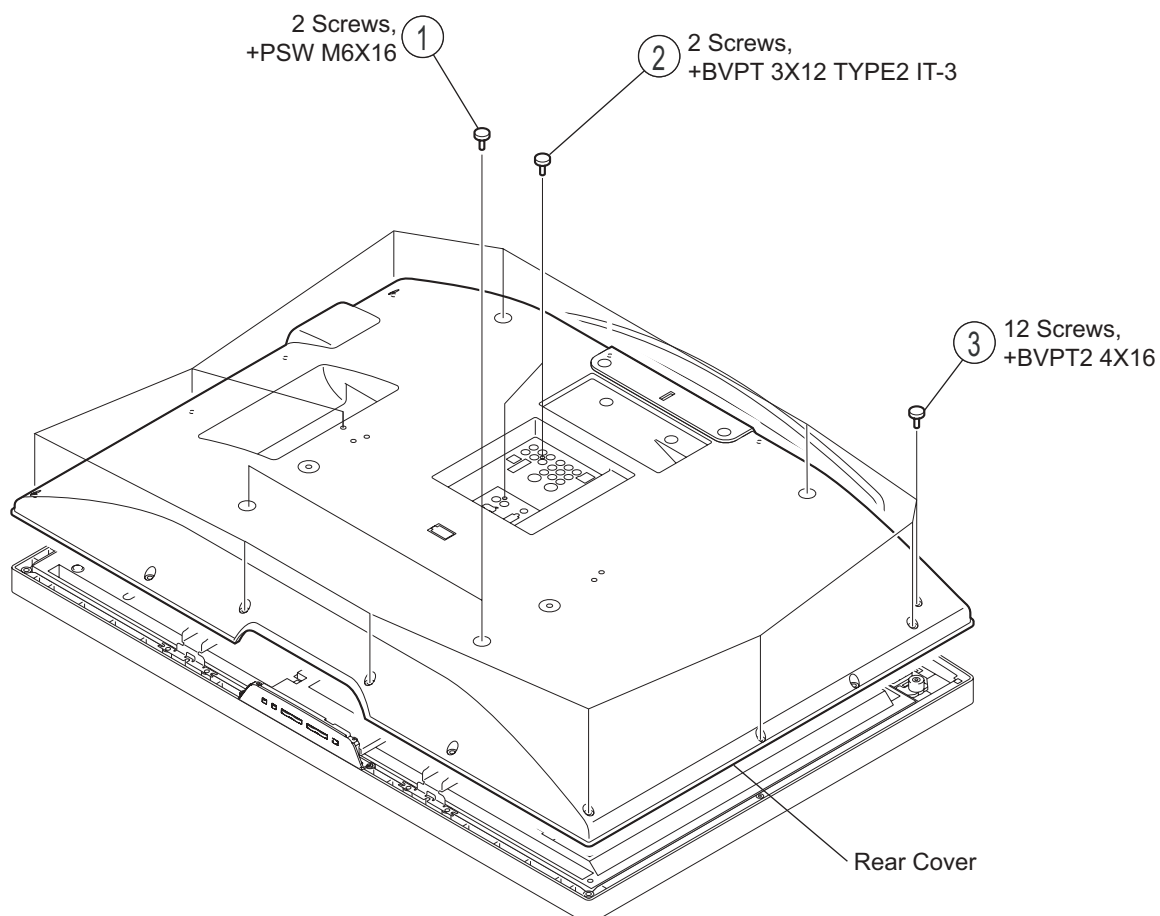
Diagnostic Test Indicators

When an error occurs, the POWER LED will flash a set number of times to indicate the possible cause of the problem. If there is more than one error, the LED will identify the first of the problem areas. If the errors occur simultaneously, the one that corresponds to the fewest flashes is identified first. Results for all of the following diagnostic items are displayed on screen. No error has occurred if the screen displays a "0".

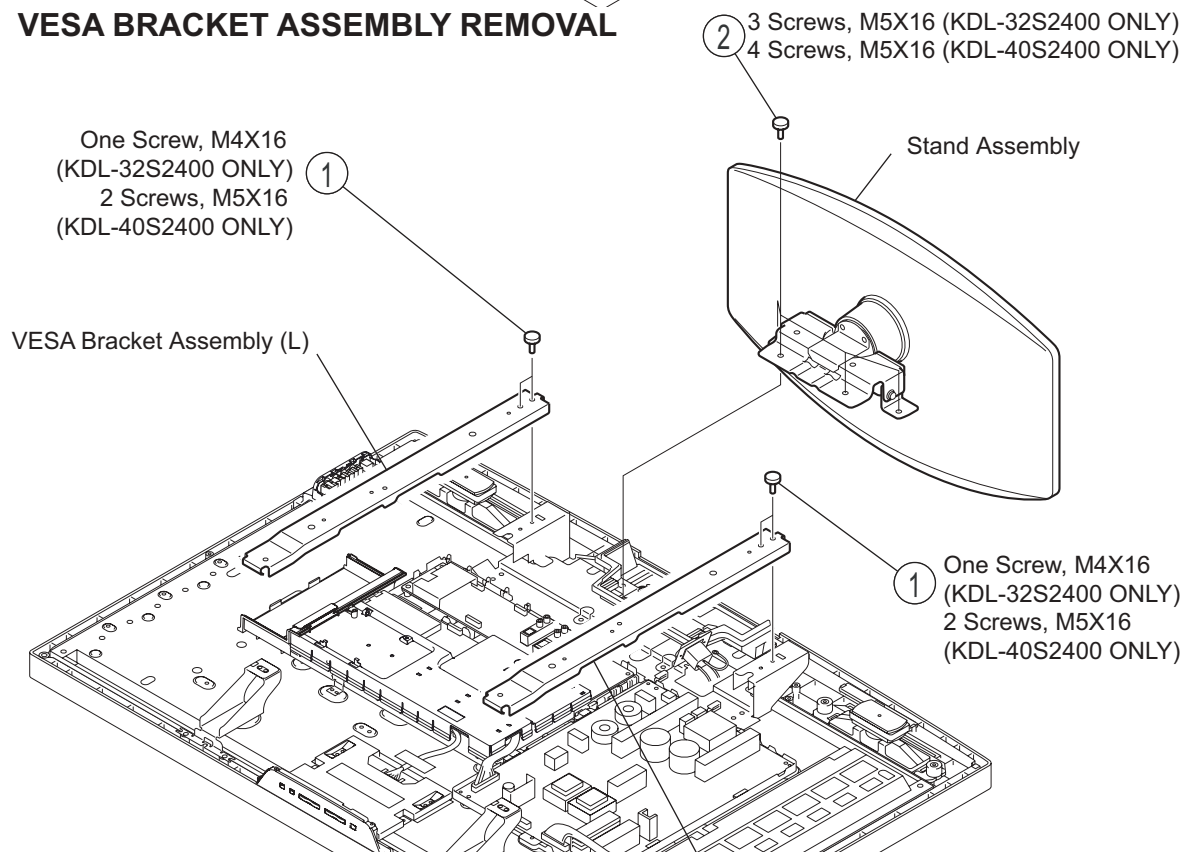
Number of Times POWER LED Blinks	Monitoring Item
1 Time	Abnormal AU Power Voltage (DCALERT 3)
2 Times	Abnormal D5V/A9V Power Voltage (DCALERT 2)
3 Times	Abnormal Panel Voltage (DCALERT 1)
4 Times	Backlight Failure
5 Times	Abnormal Main Power Voltage
6 Times	Abnormal Speaker Voltage
7 Times	Internal Temperature Rise (mainly on the panel side)
8 Times	IC5000

SECTION 1: DISASSEMBLY

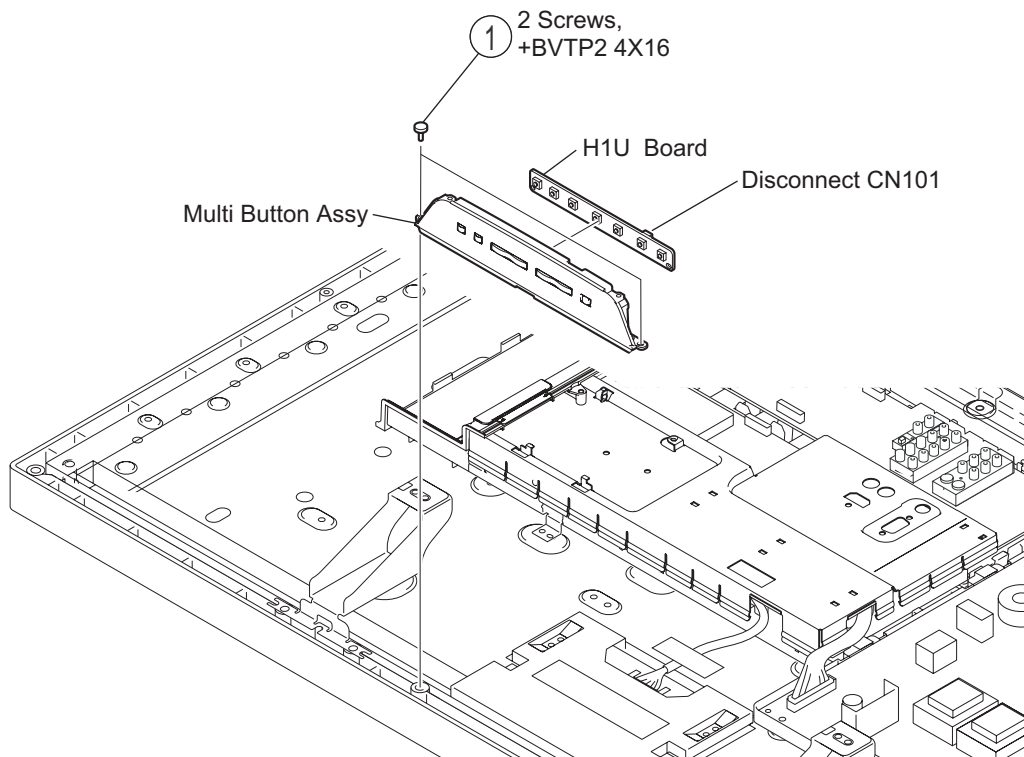
1-1. REAR COVER REMOVAL



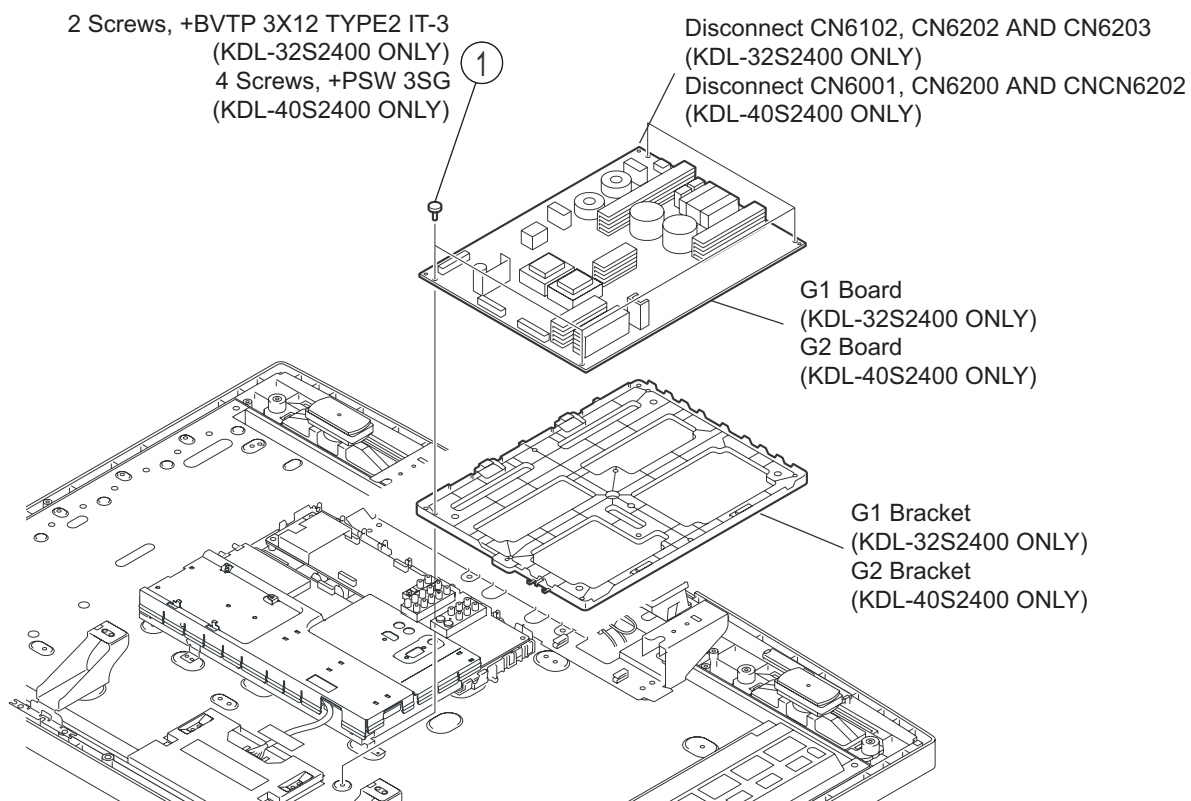
1-2. VESA BRACKET ASSEMBLY REMOVAL



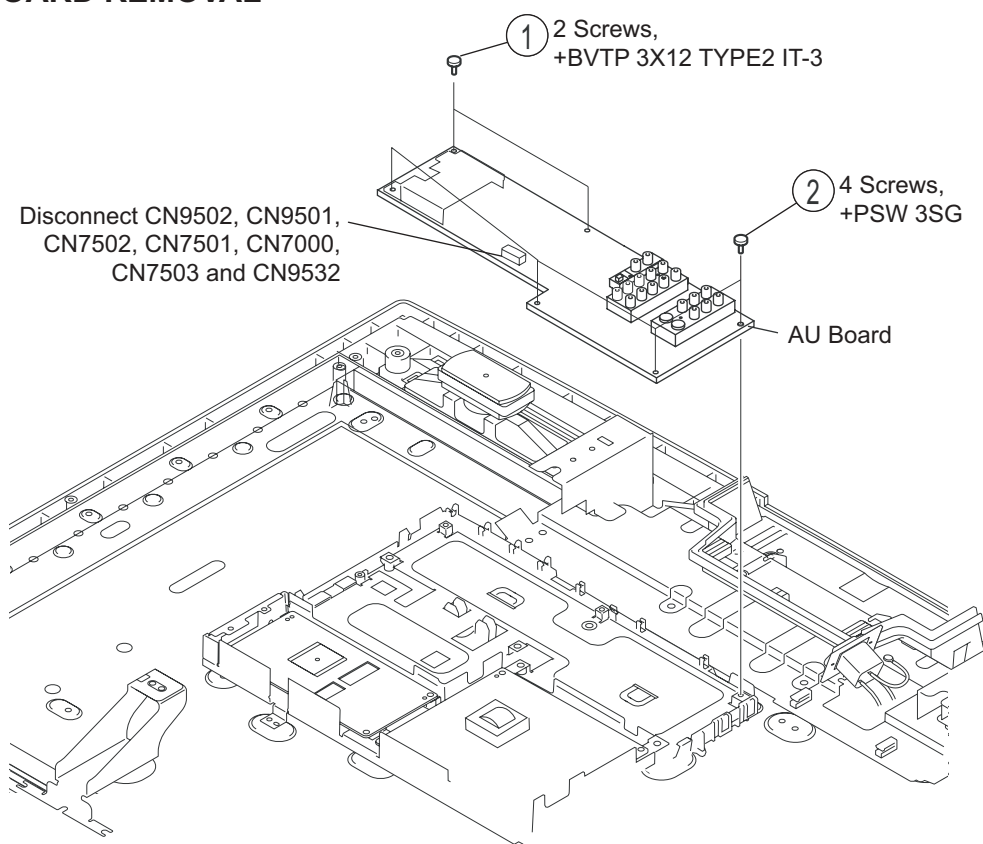
1-3. H1U BOARD REMOVAL



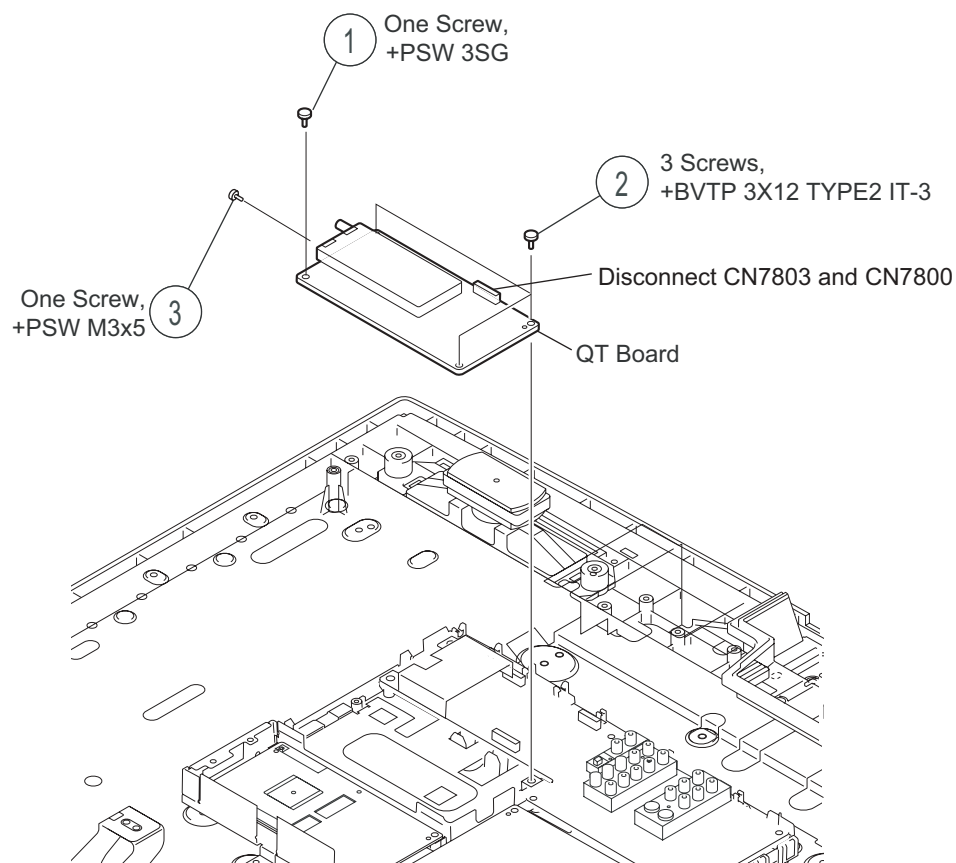
1-4. G1 BOARD/G2 BOARD REMOVAL



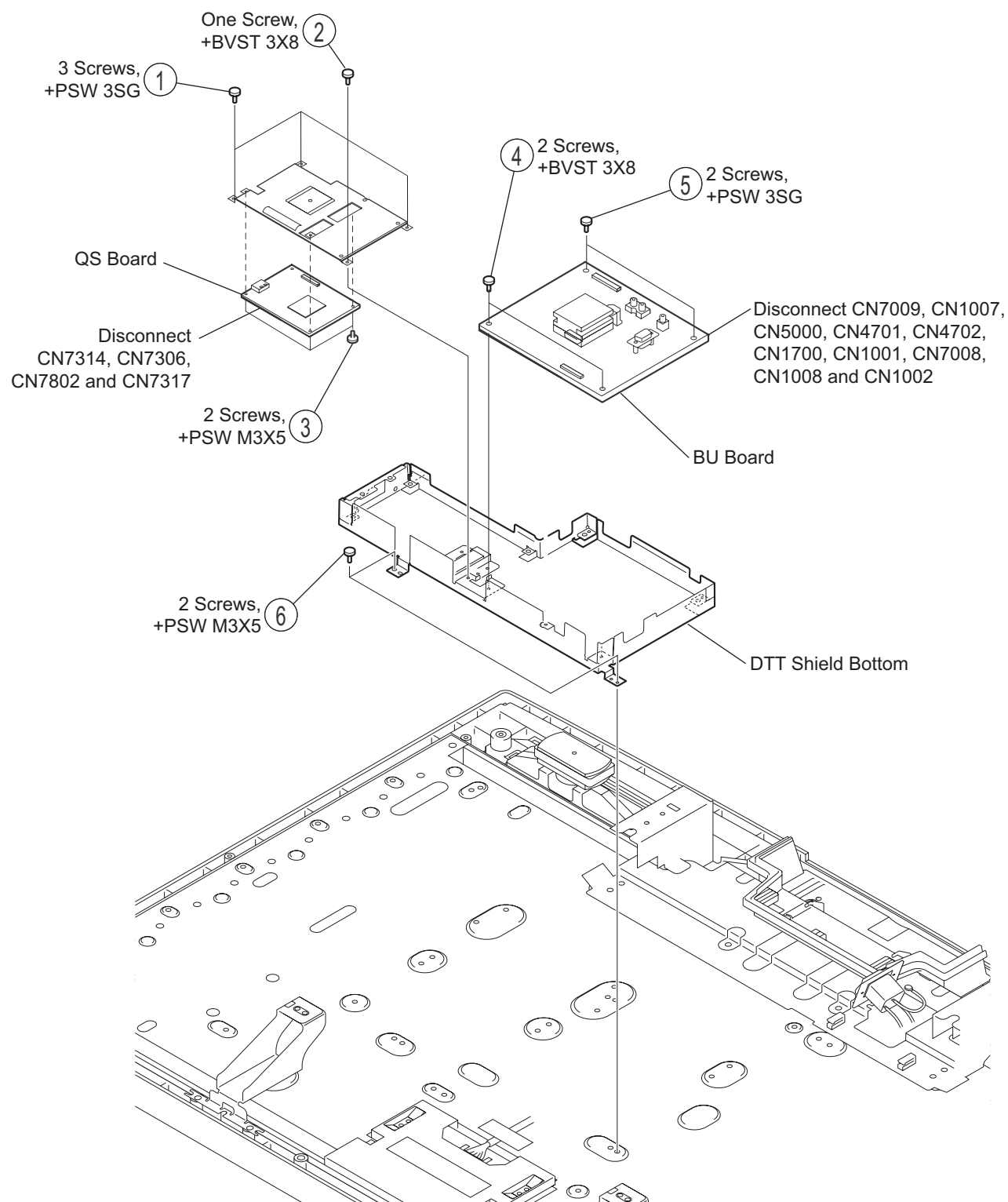
1-5. AU BOARD REMOVAL



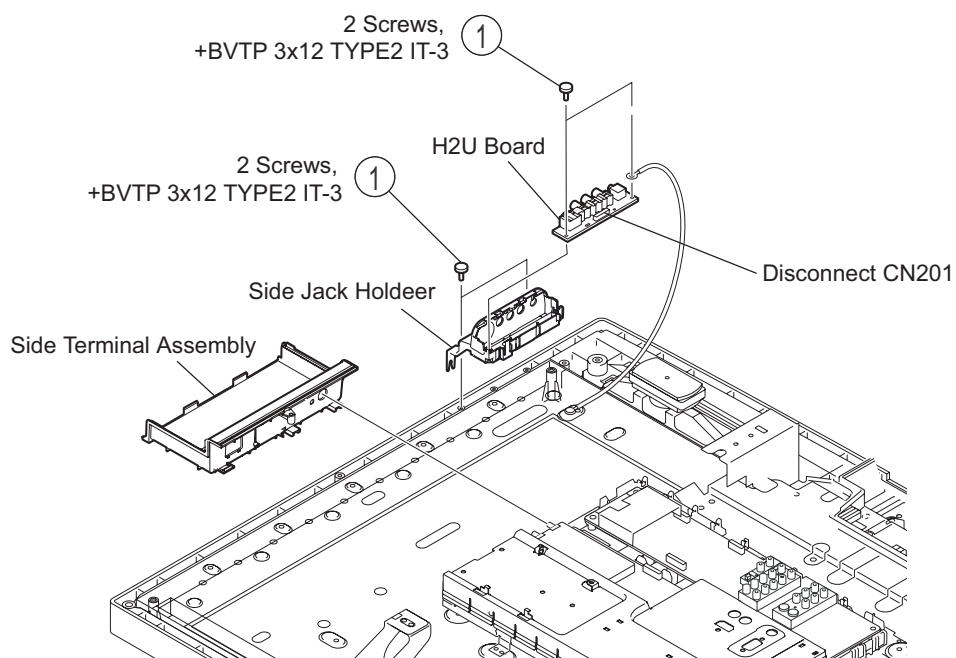
1-6. QT BOARD REMOVAL



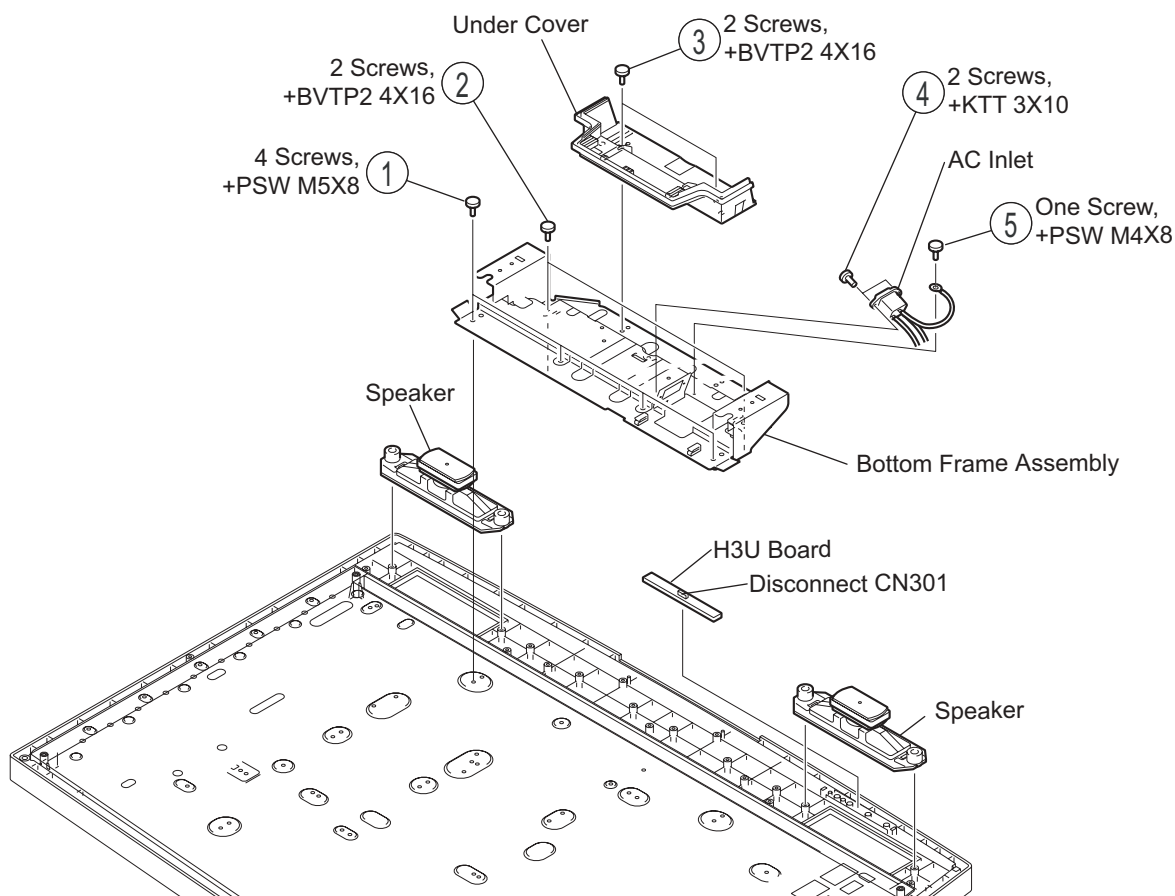
1-7. QS BOARD AND BU BOARD REMOVAL



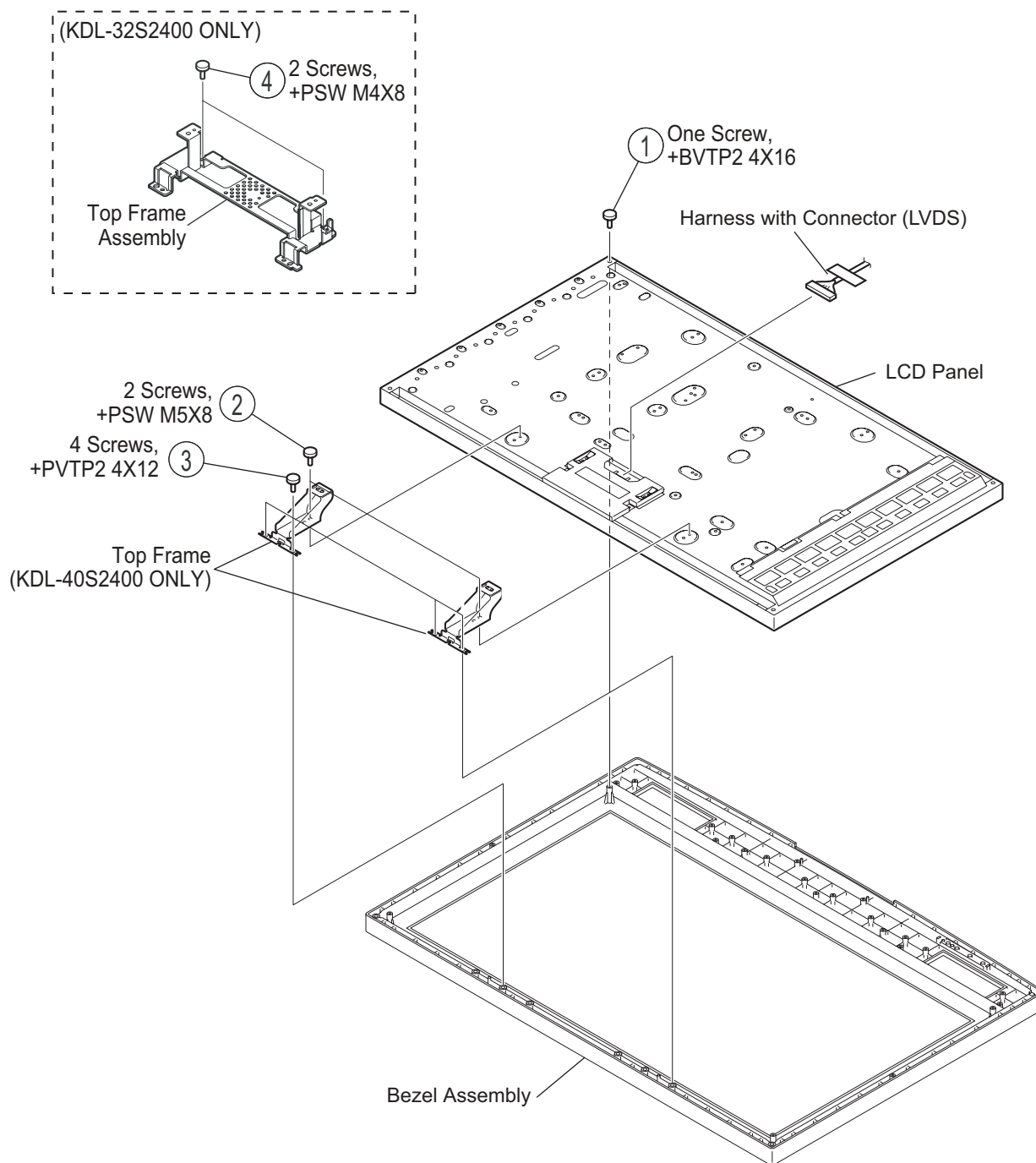
1-8. H2U BOARD REMOVAL



1-9. H3U BOARD AND SPEAKER REMOVAL

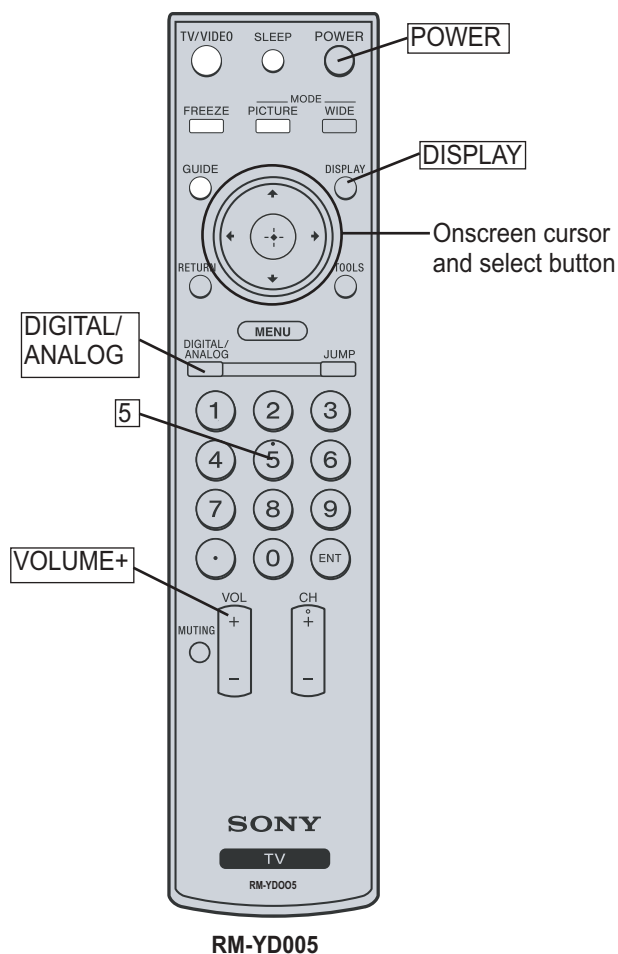


1-10. LCD PANEL REMOVAL



SECTION 2: SERVICE ADJUSTMENTS

2-1. REMOTE ADJUSTMENT BUTTONS AND INDICATORS



2-2. ACCESSING SERVICE ADJUSTMENTS

To adjust various set features, use the Remote Commander to put the set into service mode to display the service menus. The Remote Commander displays the service menu associated with the Digital or Analog format depending on which format is on the TV when you enter service mode.

2-2-1. ACCESSING THE DIGITAL SERVICE ADJUSTMENT MENUS

1. Turn the TV on and view a Digital channel.
2. Put the TV in standby mode. (Power off).
3. Press the following buttons on the Remote Commander within a second:
DISPLAY → Channel **5** → Volume **+** → **POWER** On.
 The Digital service menu displays.

Video 1	
MAIN VER.	1009
H PACK VER.	1008
S PACK VER.	1008
CHECK SUM	E20E
NVM VER.	1006
ATI VER.	01.06
ATI UD NVM VER.	02
ATI SD NVM VER.	02
ETI	46h 39m

4. Use the ↓ button to view the next category listing the white balance adjustment items.

Video 1	
R. DRIVE	256
B. DRIVE	256
R. BKG	512
G. BKG	512
B. BKG	512
COLOR SAVE	

5. Use the ↓ or ↑ button to select the item you want to adjust.
 - a. To increase the data value of the category, press the ↑ button.
 - b. To decrease the data value of the category, press the ↓ button.
6. To save the data value changes, press the ↓ button to select Color Save and then press the Ⓢ button.
 - a. To save the data value changes, select Save by pressing the ↓ button and then press the Ⓢ button.
 - b. To cancel the data value changes, select Cancel by pressing the ↑ button and then pressing the Ⓢ button.

2-2-2. VIEWING THE DIGITAL MODULE BOX (Q-BOX) SERVICE ITEMS

Use the following instructions to display the Digital menu items you want to adjust.

1. Turn the TV on and view a Digital channel.
2. Put the TV in standby mode. (Power off).
3. Press the following buttons on the Remote Commander within a second:

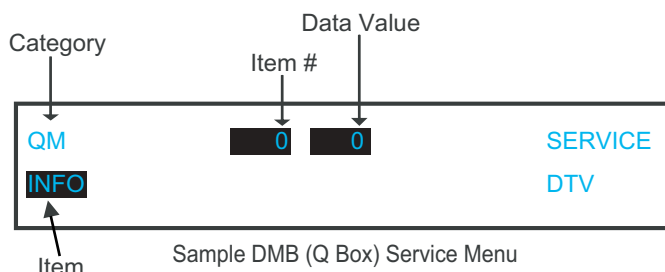
DISPLAY → Channel **5** → Volume **+** → **POWER** On.

The Digital service menu displays.

Video 1		
MAIN VER.	1009	
H PACK VER.	1008	
S PACK VER.	1008	
CHECK SUM	E20E	
NVM VER.	1006	
ATI VER.	01.06	
ATI UD NVM VER.	02	
ATI SD NVM VER.	02	
ETI	46h 39m	

4. To display the Digital Module (Q Box) service adjustment menus, press **JUMP**.

The QM category displays.



5. To change the **category**, press **2** or **5** on the Remote Commander.
Note: Pressing **2** or **5** only changes the categories within the service menu displayed. To return to the Digital Service Menu, press the **JUMP** button.
6. To change the **adjustment item**, press **1** or **4** on the Remote Commander.
7. To change the **data value**, press **3** or **6** on the Remote Commander.
Note: To go back to the last saved data value, press **0** then **ENTER** on the Remote Commander to read the memory.
8. To write into memory, press **MUTING** then **ENT** on the Remote Commander.
9. To exit service mode, turn the power off.

2-2-3. ACCESSING THE ANALOG SERVICE ADJUSTMENT MENUS

1. Turn the TV on and view an Analog channel.
2. Put the TV in standby mode. (Power off).
3. Press the following buttons on the Remote Commander within a second:

DISPLAY → Channel **5** → Volume **+** → **POWER** On.

The Analog service menu displays.

Video 1		
MAIN VER.	1008	
H PACK VER.	1005	
S PACK VER.	1008	
CHECK SUM	F99F	
NVM VER.	1006	
ATI VER.		
ATI UD NVM VER.		
ATI SD NVM VER.	02	
ETI	2h 16m	

4. Use the **↓** button to view the next category listing the white balance adjustment items.

Video 1		
R DRIVE	256	
B DRIVE	256	
R.BKG	512	
G.BKG	512	
B.BKG	512	
COLOR SAVE		

5. Use the **↓** or **↑** button to select the item you want to adjust.
 - a. To increase the data value of the category, press the **↑** button.
 - b. To decrease the data value of the category, press the **↓** button.
6. To save the data value changes, press the **↓** button to select Color Save and then press the **+** button.
 - a. To save the data value changes, select Save by pressing the **↓** button and then press the **+** button.
 - b. To cancel the data value changes, select Cancel by pressing the **↑** button and then pressing the **+** button.

2-3. RESETTING THE USER MENU - FACTORY RESET

The TEST RESET option resets all the customer adjustable data back to the factory defaults.

1. Put the TV in standby mode. (Power off).
2. Press the following buttons on the Remote Commander within a second:

DISPLAY → Channel **5** → Volume **+** → **POWER** On.

The service menu displays.

Video 1		
MAIN VER.	1009	
H PACK VER.	1008	
S PACK VER.	1008	
CHECK SUM	E20E	
NVM VER.	1006	
ATI VER.	01.06	
ATI UD NVM VER.	02	
ATI SD NVM VER.	02	
ETI	46h 39m	

3. Use the **↓** button to view the next category listing the white balance adjustment items.

Video 1		
R_DRIVE	256	
B_DRIVE	256	
R_BKG	512	
G_BKG	512	
B_BKG	512	
COLOR SAVE		

4. Continue pressing the **↓** button until the next category list displays.

Video 1		
TEST RESET		
AGING MODE	Off	
AUTO SHUT-OFF	On	
ETI CLEAR		
INFORMATION RESET		
SOUND MUTE	On	

5. Press the **⊕** button to select TEST RESET options.
6. Press the **↓** button to select OK.
7. Press the **⊕** button to reset the TV.

2-4. AGING MODE

Aging mode is designed to remove image retention from the screen.

NOTE: Once you enter into Aging Mode the Remote Commander no longer functions with the set. To turn off the set, push the Power Button on the set.

1. Put the TV in standby mode. (Power off).
2. Press the following buttons on the Remote Commander within a second:

DISPLAY → Channel **5** → Volume **+** → **POWER** On.

The service menu displays.

Video 1		
MAIN VER.	1009	
H PACK VER.	1008	
S PACK VER.	1008	
CHECK SUM	E20E	
NVM VER.	1006	
ATI VER.	01.06	
ATI UD NVM VER.	02	
ATI SD NVM VER.	02	
ETI	46h 39m	

3. Use the **↓** button to view the next category listing the white balance adjustment items.

Video 1		
R_DRIVE	256	
B_DRIVE	256	
R_BKG	512	
G_BKG	512	
B_BKG	512	
COLOR SAVE		

4. Continue pressing the **↓** button until the next category list displays.

Video 1		
TEST RESET		
AGING MODE	Off	
AUTO SHUT-OFF	On	
ETI CLEAR		
INFORMATION RESET		
SOUND MUTE	On	

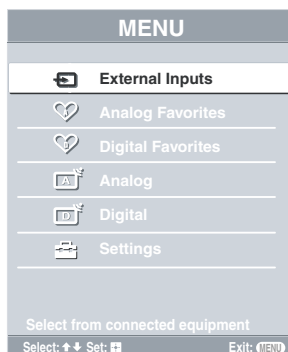
5. Press the **↓** button to select AGING MODE.
6. Press the **⊕** button to display the Aging Mode options.
7. Press the **↓** button to select ON.
8. Press the **⊕** button to start the aging process.

2-5. WHITE BALANCE ADJUSTMENT.

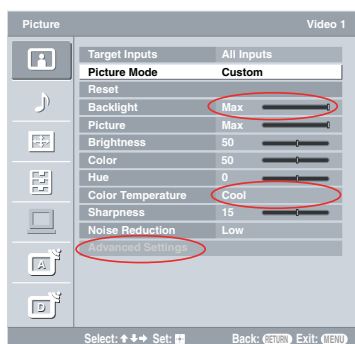
The White Balance only needs to be adjusted when you replace the BU Board.

1. Through the Video 1 input, step Gray Scale with Setup.
2. Press MENU on the Remote Commander.

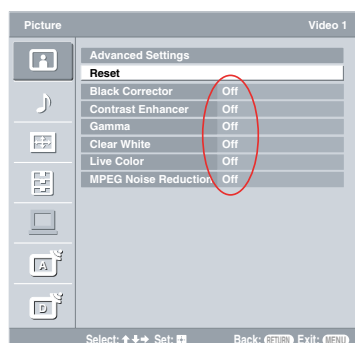
The User Menu displays.



3. Press the \downarrow button until Settings is selected, then press the \odot button.
4. From the Picture menu, press the \rightarrow button to display the picture mode options.
 - a. Press the \downarrow button to select Custom, then press the \odot button.
5. From the Picture menu, press the \downarrow button to select Color Temperature.
 - a. Press the \downarrow button to display the Color Temperature options.
 - b. Press the \downarrow button to select Cool, then press the \odot button.
6. From the Picture menu, press the \downarrow button to select Advanced Settings.

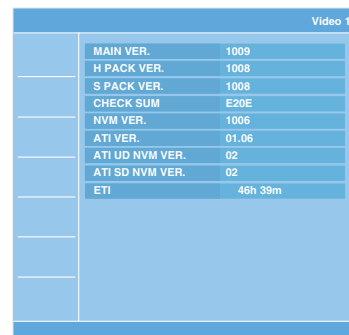


7. Using the arrow keys set all the registers in the Advanced Setting menu to Off.

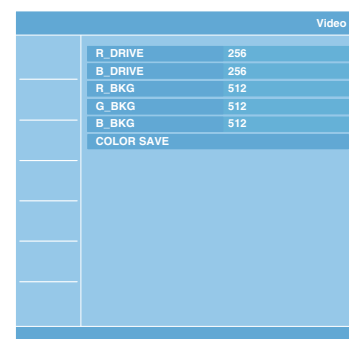


8. Put the TV in standby mode. (Power off).

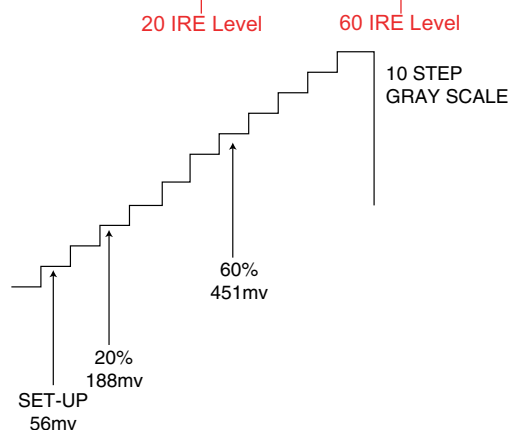
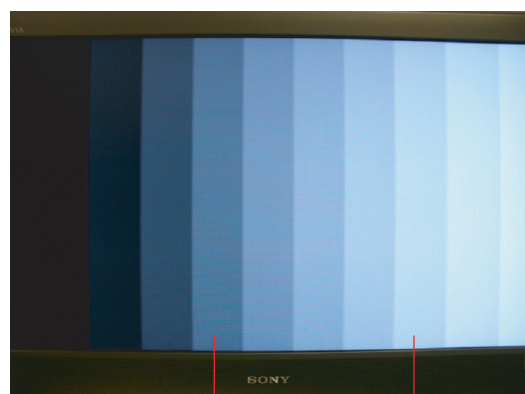
9. Access the Service Menu by pressing the following buttons on the Remote Commander within a second:
DISPLAY \rightarrow Channel **5** \rightarrow Volume **+** \rightarrow **POWER** On.
 The Digital service menu displays.



10. Press the \downarrow button to display the white balance adjustment menu items.

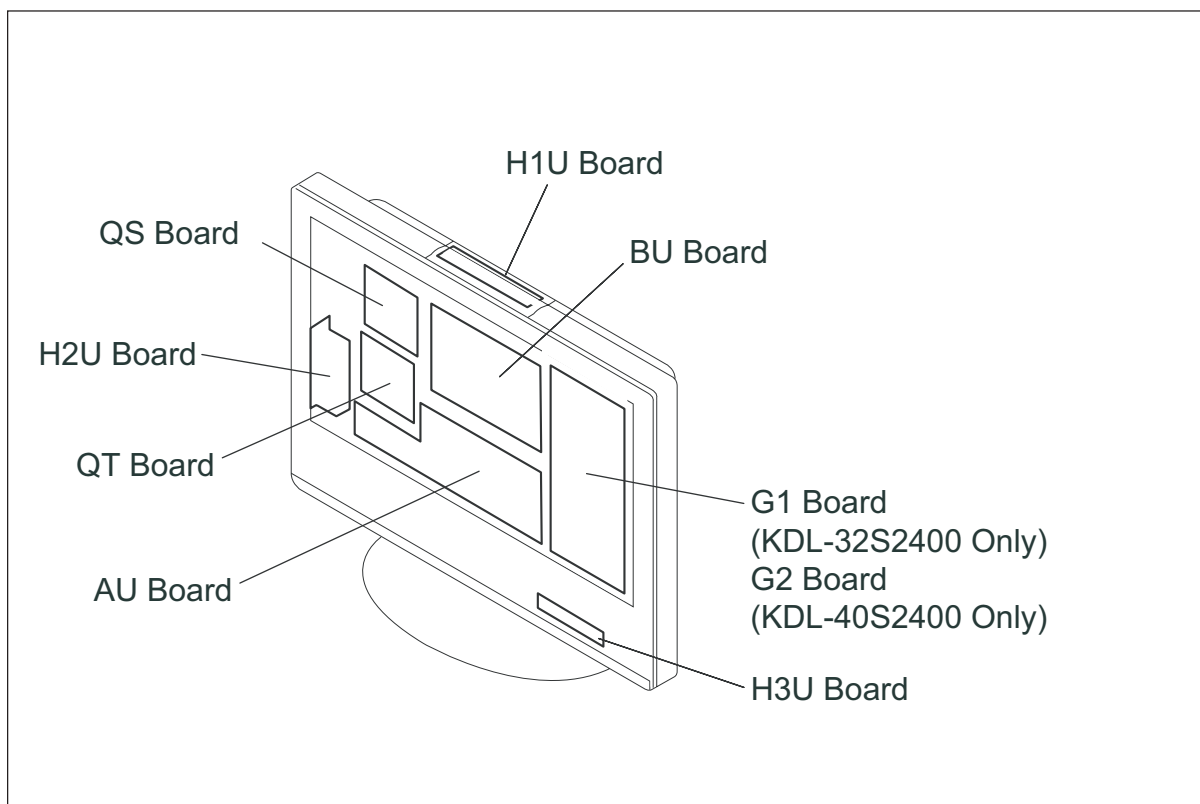


11. Using 10 step NTSC Gray Scale with Setup adjust the White Balance of the 60% shade with R_Drive and B_Drive.
12. Using the same pattern, adjust the white balance 20% with R_BKG and B_BKG.
13. 20IRE and 60IRE shades should have the same color.



SECTION 3: DIAGRAMS

3-1. CIRCUIT BOARDS LOCATION



3-2. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS INFORMATION

All capacitors are in μF unless otherwise noted. pF : μF 50V or less are not indicated except for electrolytics and tantalums.

All electrolytics are in 50V unless otherwise specified.

All resistors are in ohms. $\text{k}\Omega=1000\Omega$, $\text{M}\Omega=1000\text{k}\Omega$

Indication of resistance, which does not have one for rating electrical power, is as follows: Pitch : 5mm

Rating electrical power : $\frac{1}{4}\text{W}$

$\frac{1}{4}\text{W}$ in resistance, $\frac{1}{10}\text{W}$ and $\frac{1}{16}\text{W}$ in chip resistance.

: nonflammable resistor

: fusible resistor

: internal component

: panel designation and adjustment for repair

: earth ground

: earth-chassis

All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

Readings are taken with a color-bar signal input.

Readings are taken with a $10\text{M}\Omega$ digital multimeter.

Voltages are DC with respect to ground unless otherwise noted.

Voltage variations may be noted due to normal production tolerances.

All voltages are in V.

S : Measurement impossibility.

: B+line.

: B-line. (Actual measured value may be different).

: signal path. (RF)

Circled numbers are waveform references.

The components identified by shading and symbol are critical for safety. Replace only with part number specified.

The symbol indicates a fast operating fuse and is displayed on the component side of the board. Replace only with fuse of the same rating as marked.

NOTE: The components identified by a red outline and a mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

REFERENCE INFORMATION

RESISTOR

: RN METAL FILM

: RC SOLID

: FPRD NONFLAMMABLE CARBON

: FUSE NONFLAMMABLE FUSIBLE

: RW NONFLAMMABLE WIREWOUND : MPS METALIZED POLYESTER

: RS NONFLAMMABLE METAL OXIDE : MPP METALIZED POLYPROPYLENE

: RB NONFLAMMABLE CEMENT : ALB BIPOLAR

: ※ ADJUSTMENT RESISTOR : ALT HIGH TEMPERATURE

CAPACITOR

: TA TANTALUM

: PS STYROL

: PP POLYPROPYLENE

: PT MYLAR

: MPS METALIZED POLYESTER

: MPP METALIZED POLYPROPYLENE

: ALB BIPOLAR

: ALT HIGH TEMPERATURE

: ALR HIGH RIPPLE

COIL

: LF-8L MICRO INDUCTOR

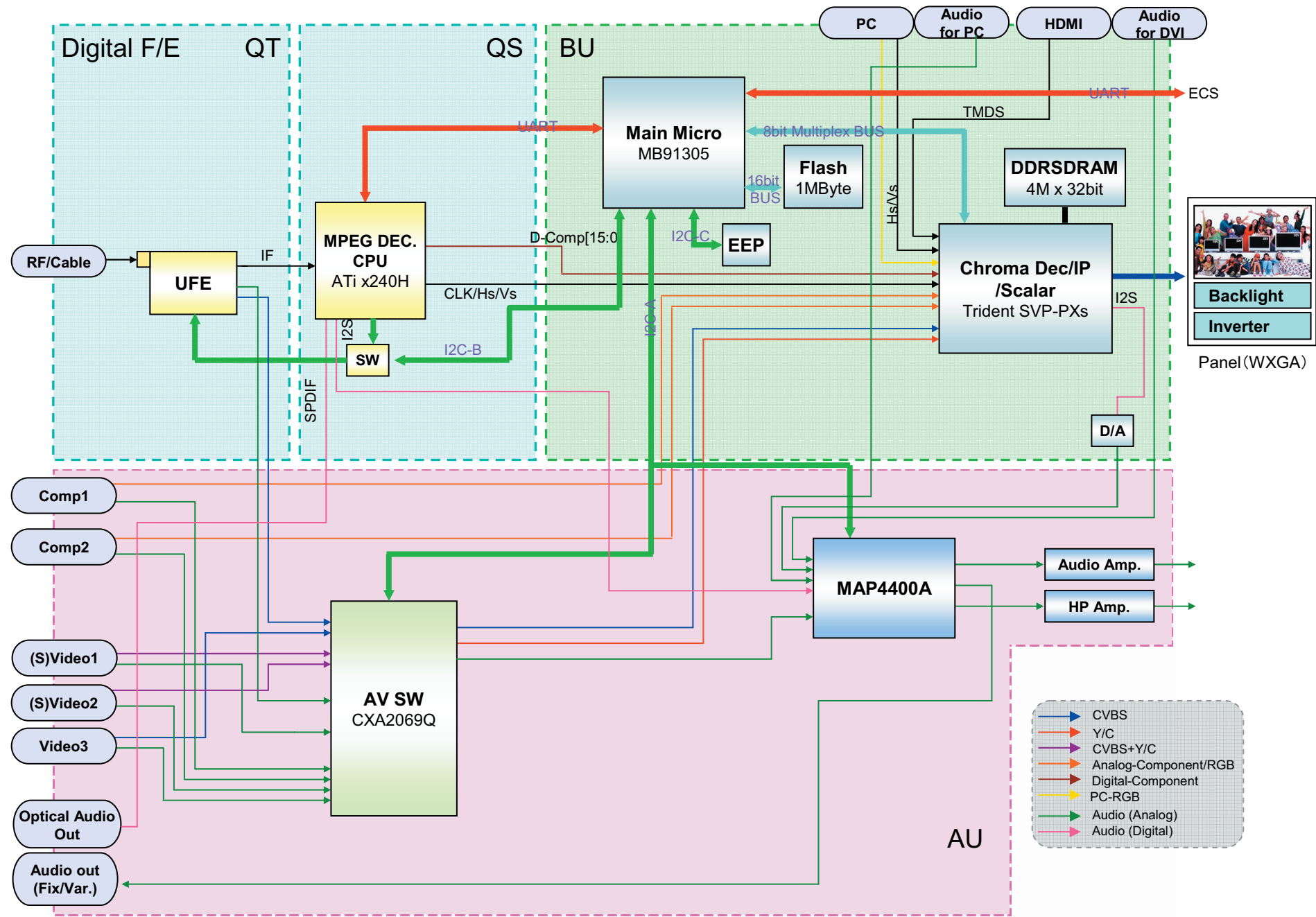
Terminal name of semiconductors in silk screen
printed circuit (※)

	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	
0	Diode		Common Cathode Cathode	
!i	Diode		Common Cathode Cathode	
!TM	Diode		Anode Anode Cathode Anode	
!£	Transistor (FET)		Drain Source Gate	
!Ç	Transistor (FET)		Drain Source Gate	
!?	Transistor (FET)		Source Drain Gate	
!§	Transistor		Emitter Collector Base	
!¶	Transistor		C2(B1)E1 E2(B2)C1	
!•	Transistor		C1(B2)E2 E1(B1)C2	
!a	Transistor		C1 B2 E2 E1 B1 C2	
@°	Transistor		C1 B2 E2 E1 B1 C2	
@ı	Transistor		E2 B1 E1 C2 C1(B2)	
@TM	Transistor		(B2) B1 E1 E2 C1 C2	
@£	Transistor		(B2) E2 E1 B1 C2 C1	
—	Discrete semiconductot			

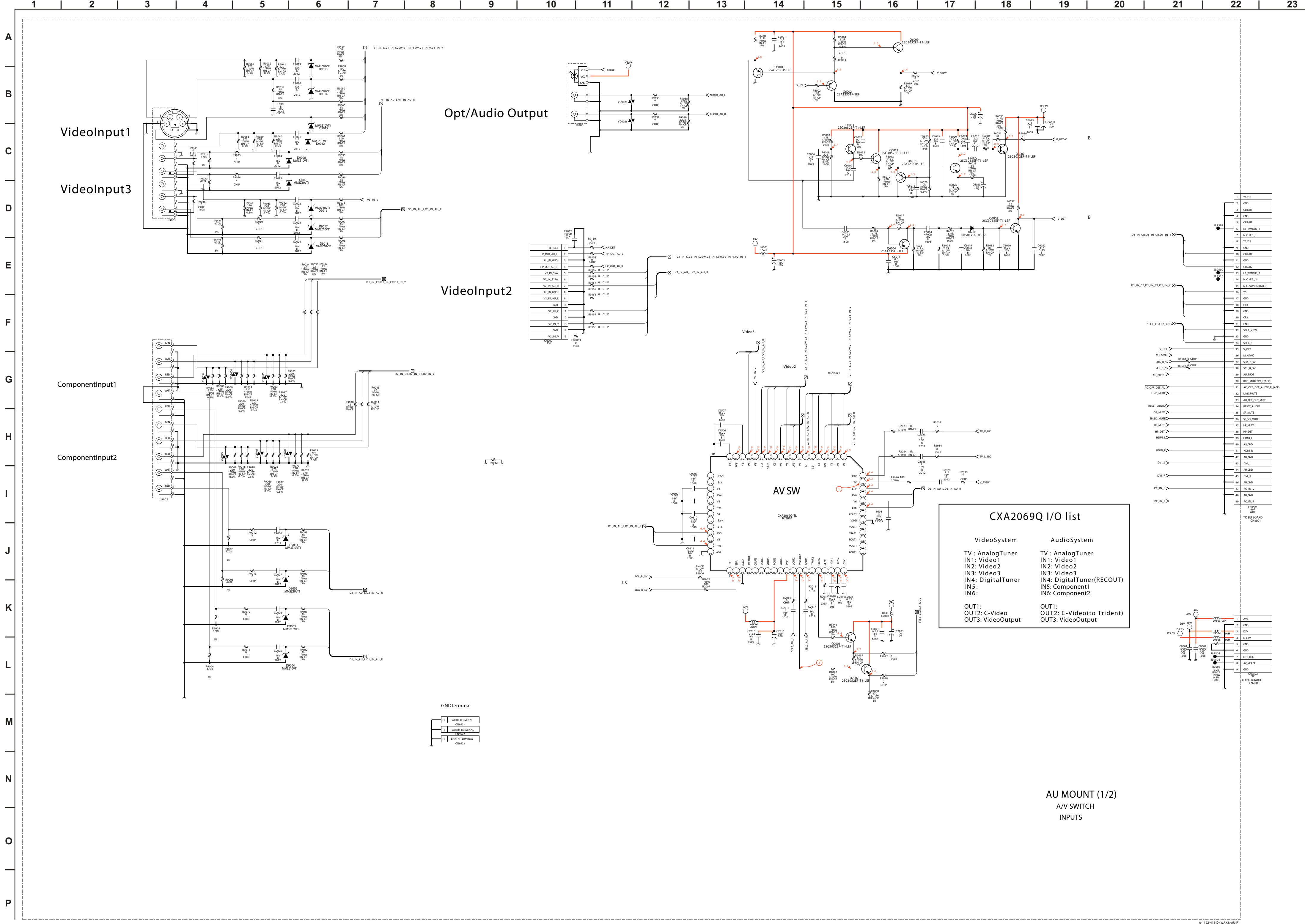
(Chip semiconductors that are not actually used are included.)

Ver.1.6

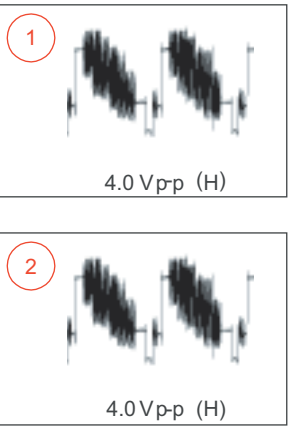
3-3. BLOCK DIAGRAM



3-4. SCHEMATICS AND SUPPORTING INFORMATION
AU BOARD SCHEMATIC DIAGRAM (1 OF 2)



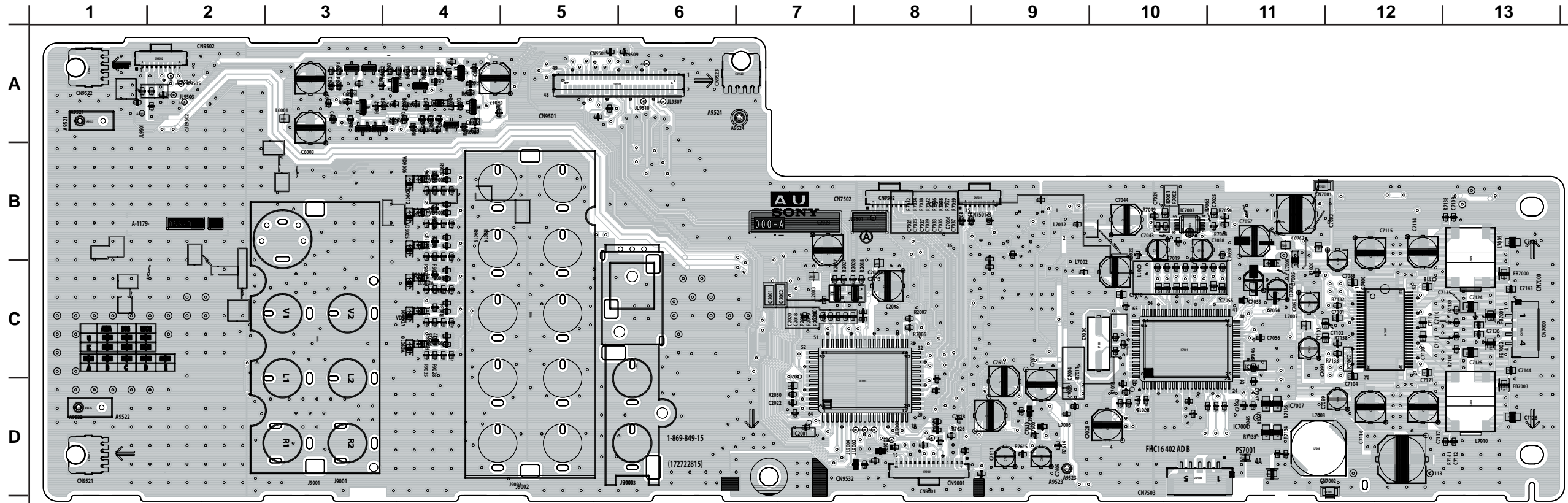
AU BOARD WAVEFORMS







[A/V SWITCH, INPUTS, AUDIO]
COMPONENT SIDE

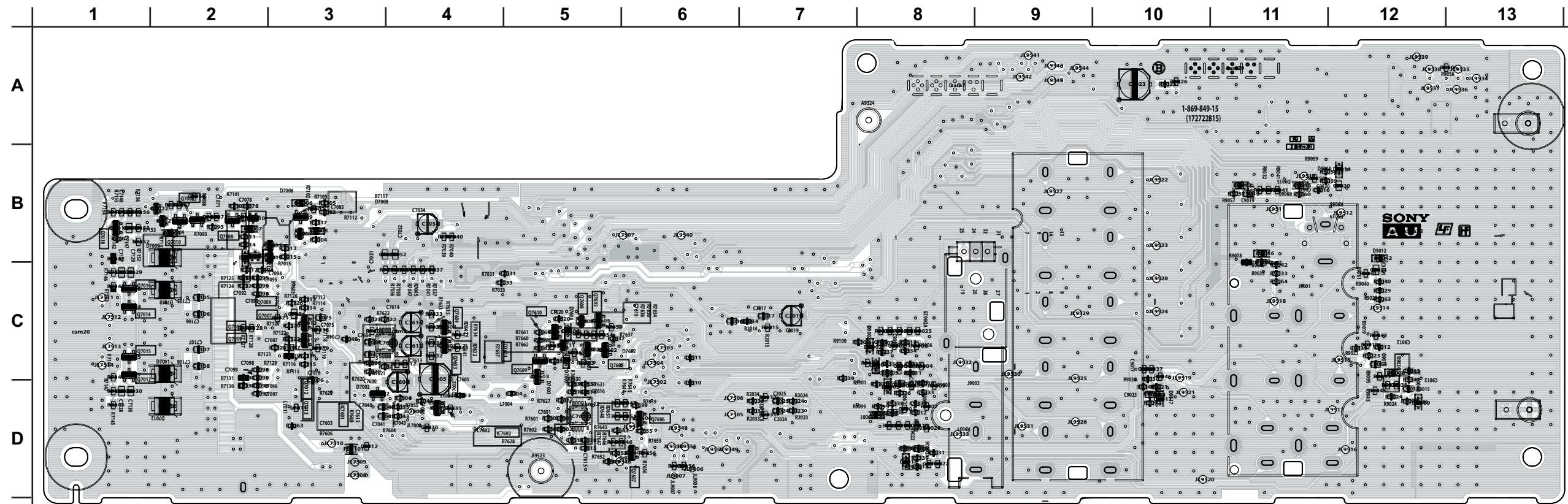


AU BOARD LOCATOR LIST

DIODE		TRANSISTOR	
D7001	B-1	Q7002	D-4
D7004	B-2	Q7005	B-2
D7006	B-2	Q7007	B-2
D7007	B-2	Q7008	B-2
D7009	C-2	Q7009	B-2
D7010	C-2	Q7010	B-2
D7011	C-2	Q7011	B-2
D7012	D-2	Q7012	C-3
D7013	B-2	Q7013	C-3
D7602	C-5	Q7014	C-1
D7603	C-5	Q7015	C-1
D7604	C-5	Q7016	C-1
D7605	C-5	Q7017	C-1
D9009	D-12	Q7018	B-1
D9012	B-12	Q7019	B-2
D9013	B-11	Q7020	B-2
D9016	B-11	Q7021	B-2
D9017	C-10	Q7602	C-5
D9018	D-8	Q7603	C-4
IC		Q7604	C-4
IC7601	C-3	Q7605	C-5
IC7602	D-5	Q7606	D-6
		Q7607	D-6
		Q7608	C-5
		Q7609	C-5
		Q7610	C-5
		Q7611	C-5



[A/V SWITCH, INPUTS, AUDIO]
CONDUCTOR SIDE



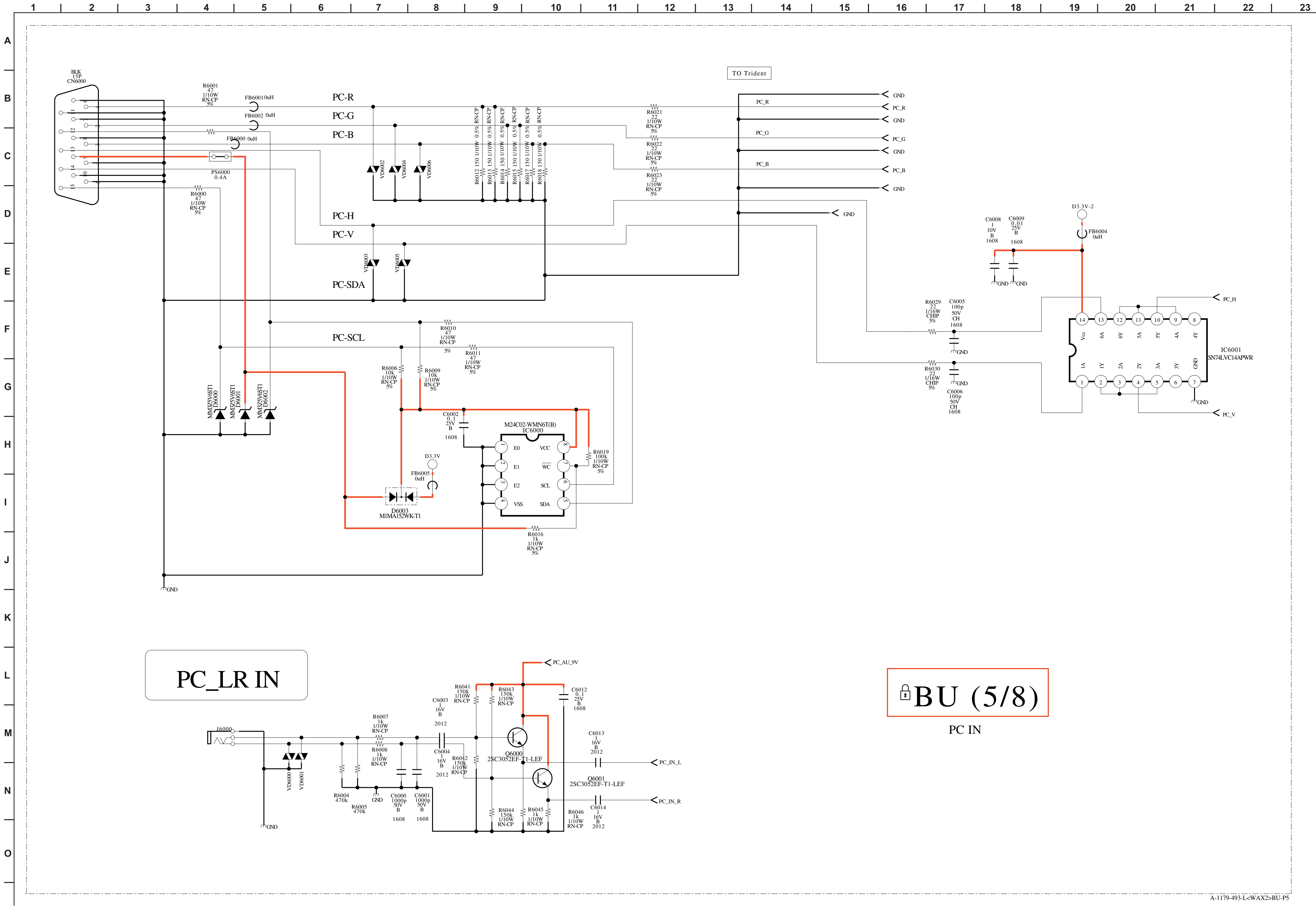




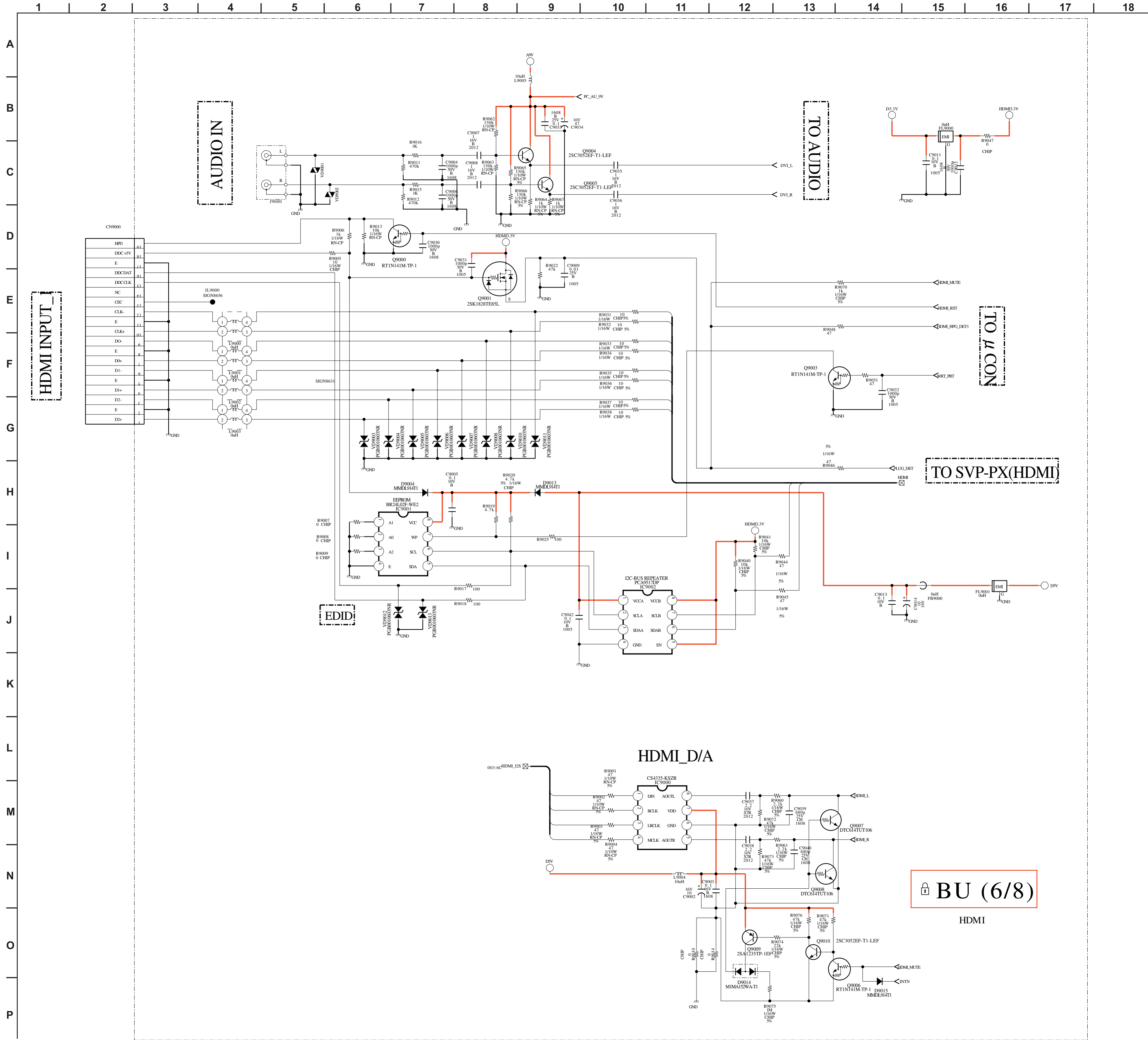


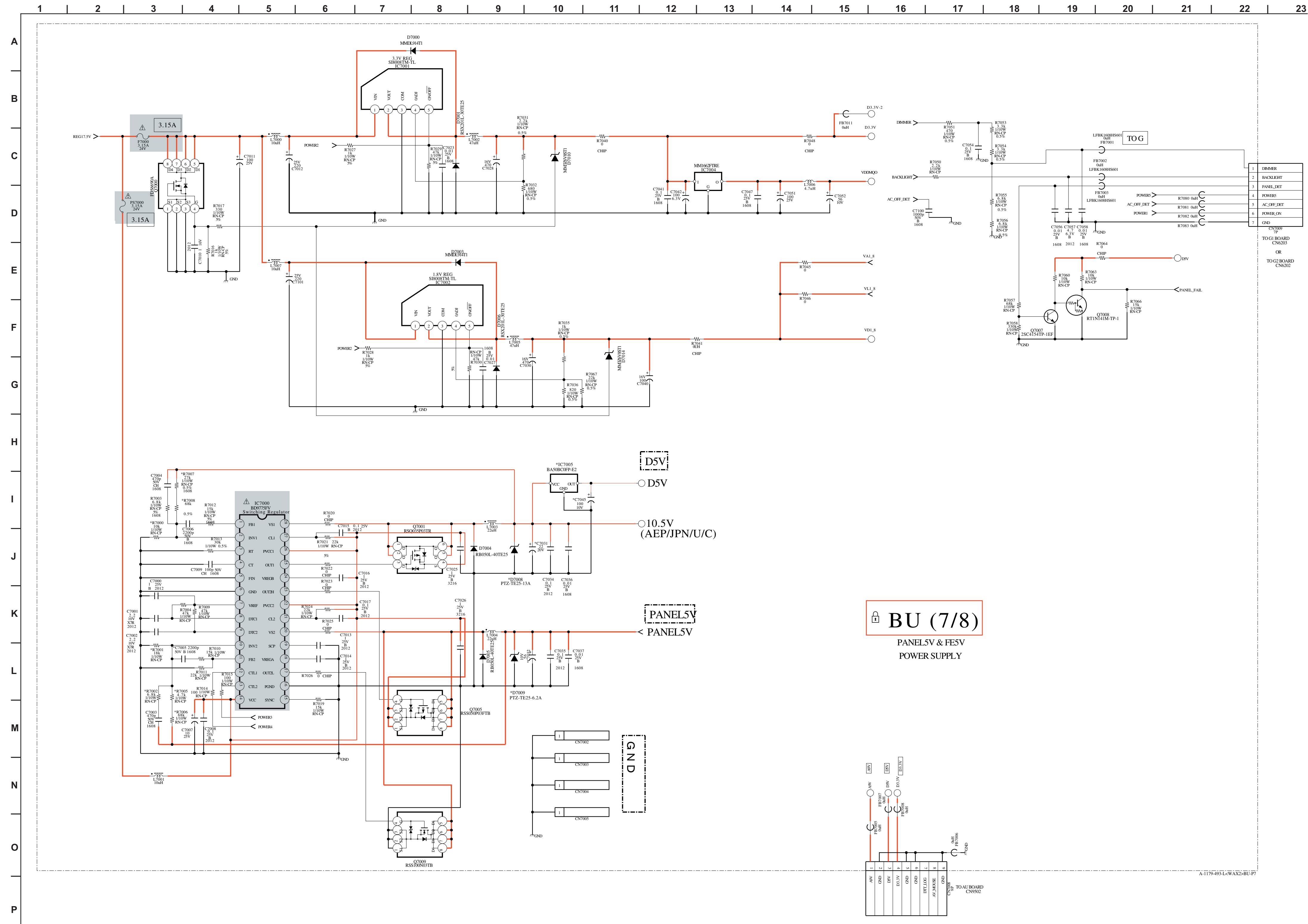


BU BOARD SCHEMATIC DIAGRAM (5 OF 8)



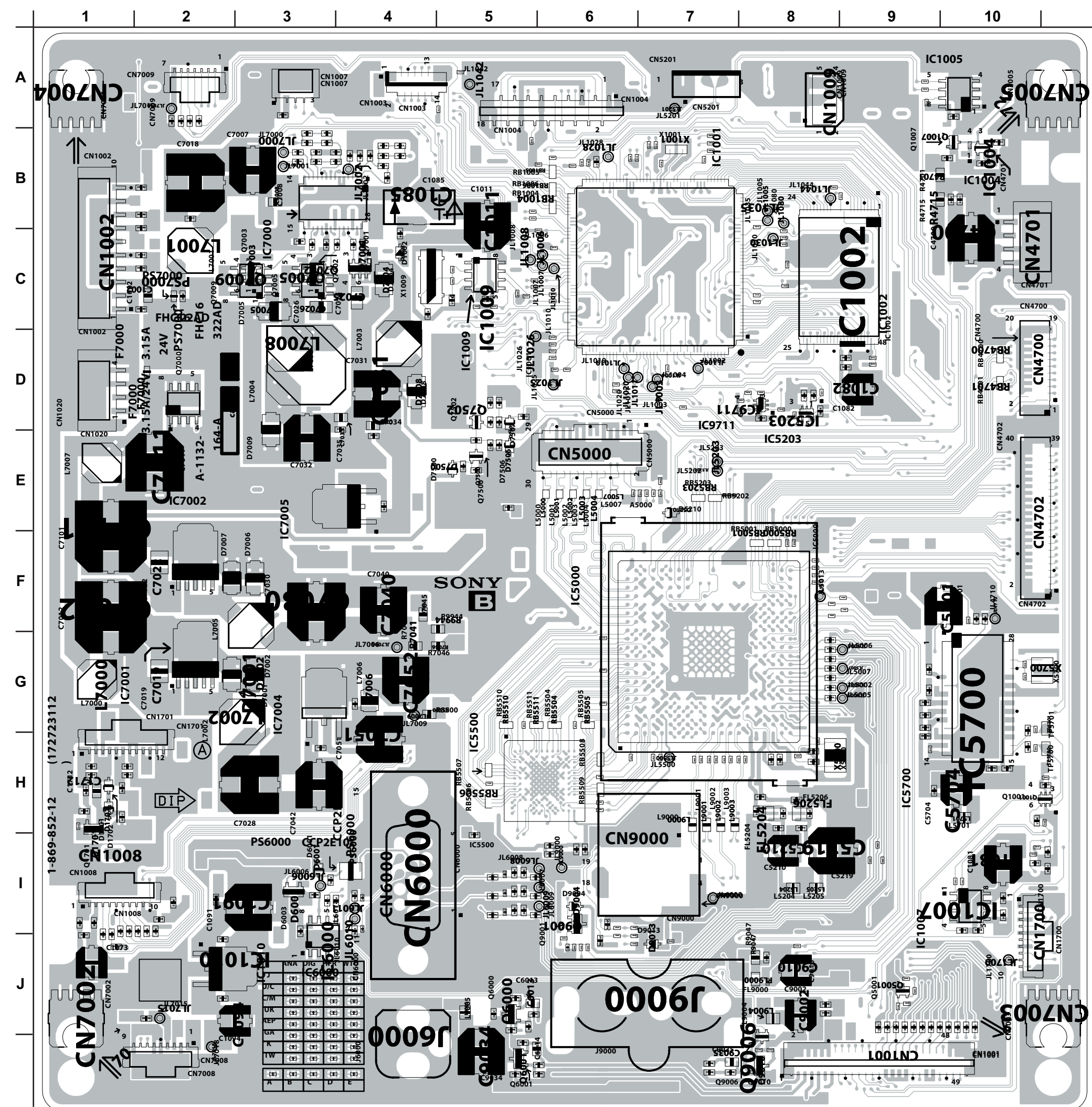
BU BOARD SCHEMATIC DIAGRAM (6 OF 8)



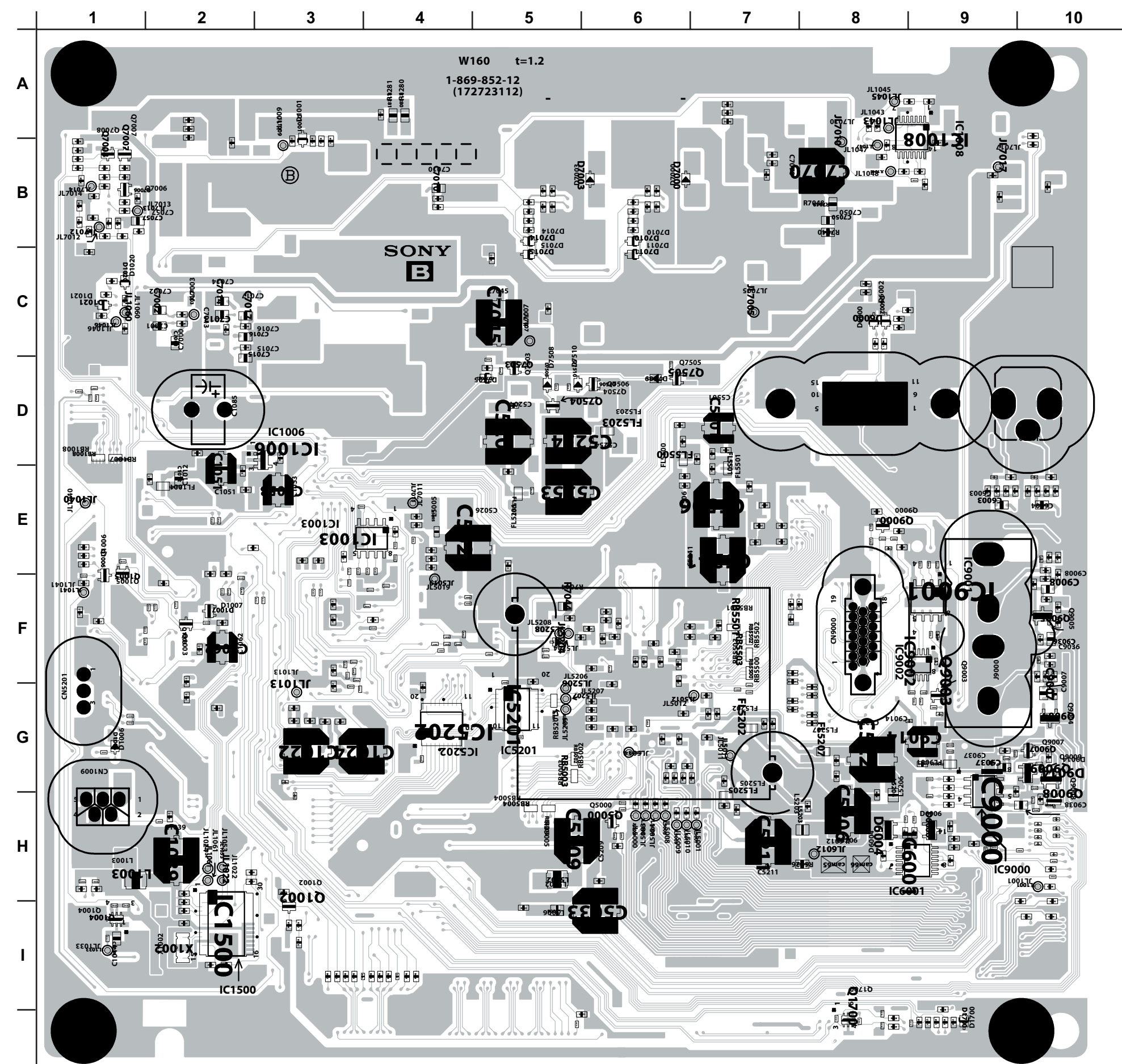




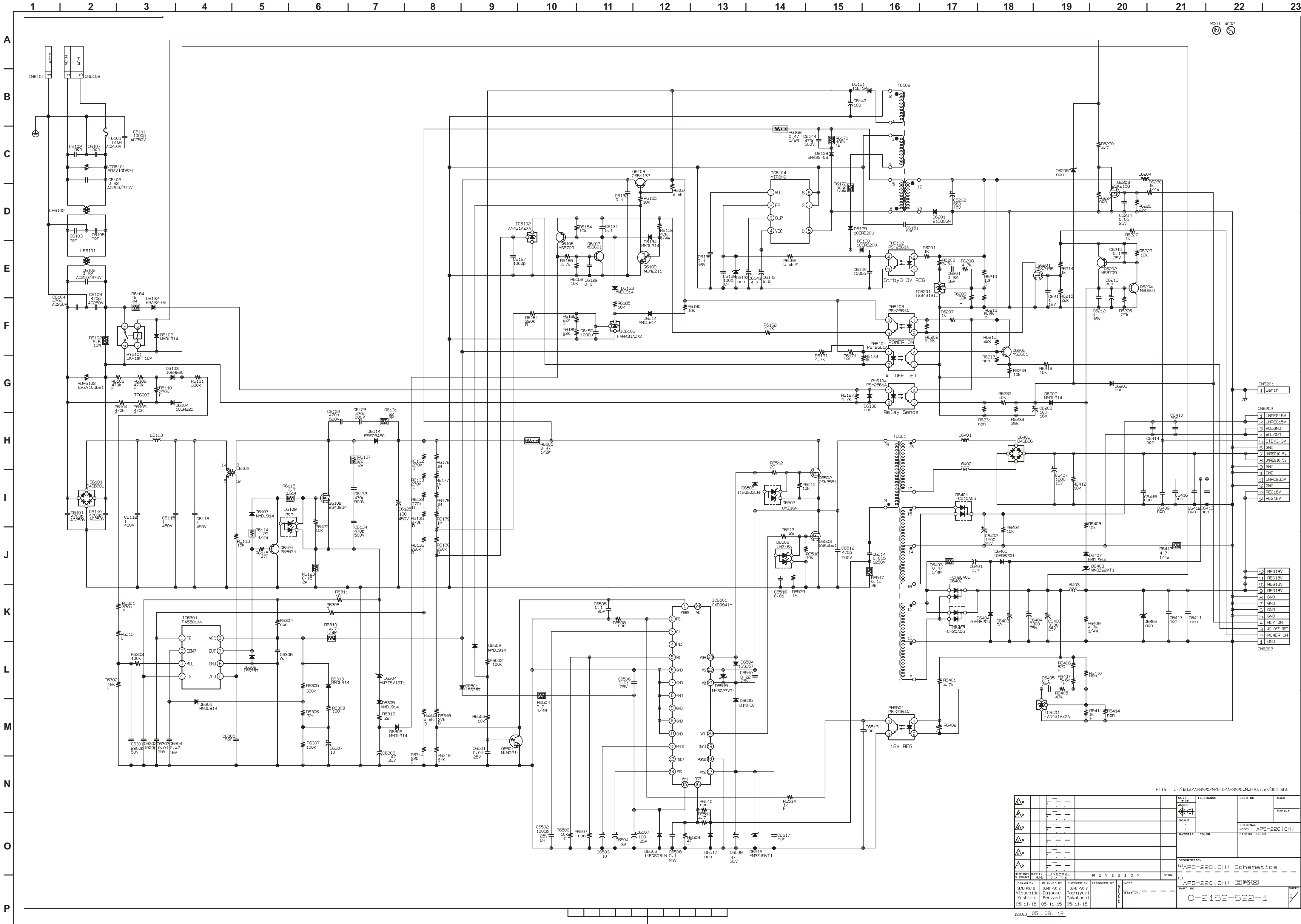
[MICRO, VIDEO PROCESSOR, SVP-PX(2/2) DDR & CPU I/F, POWER & GND VIDEO PROCESSOR, DPR_SDRAM 128MBIT, PC IN, HDMI, PANEL5V & FE5V, POWER SUPPLY]
COMPONENT SIDE




[MICRO, VIDEO PROCESSOR, SVP-PX(2/2) DDR & CPU I/F, POWER & GND VIDEO PROCESSOR, DPR_SDRAM 128MBIT, PC IN, HDMI, PANEL5V & FE5V, POWER SUPPLY]

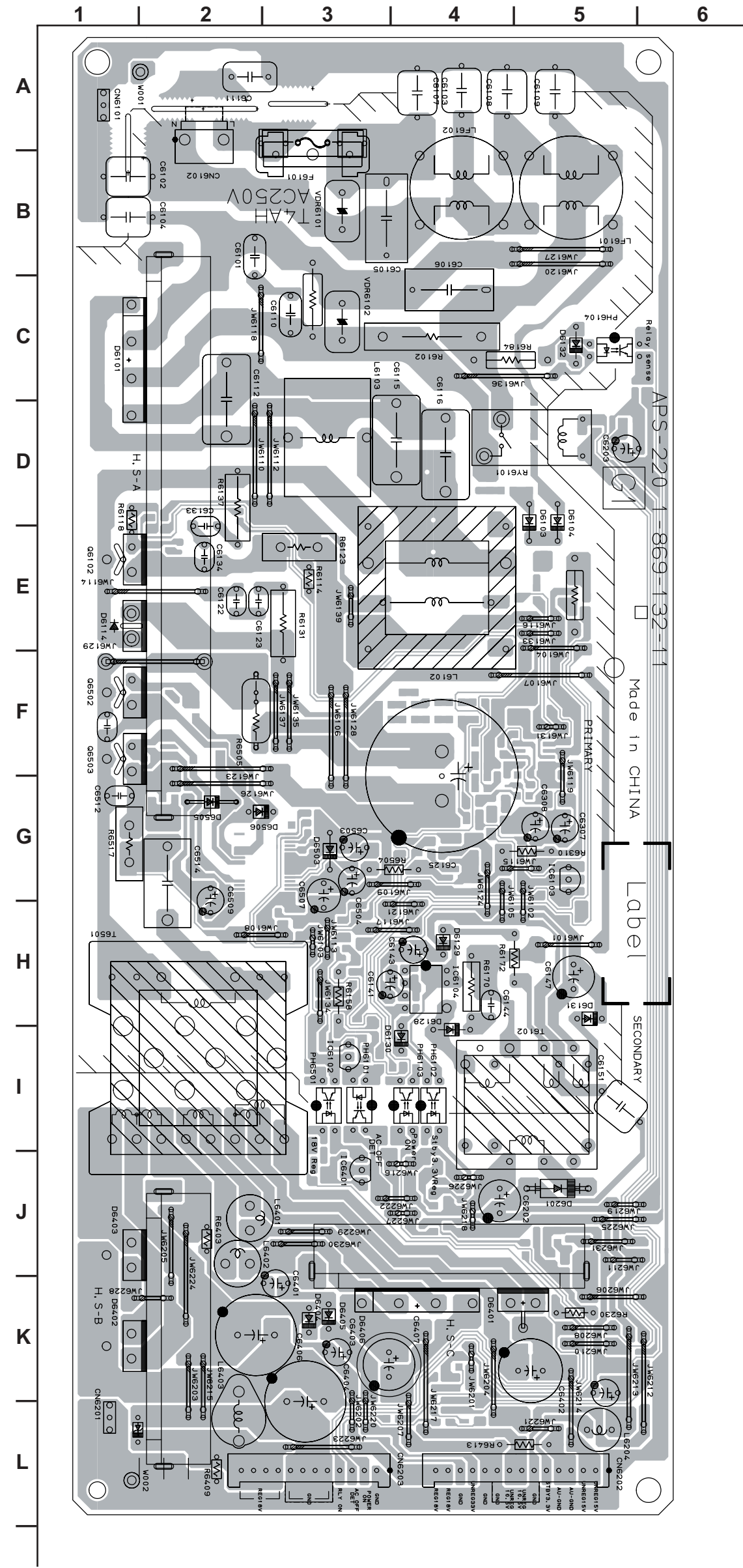


G1 BOARD, POWER UNIT (KDL-32S2400 ONLY) Due to the complexity of this board, performing component level field repairs is not recommended.
If service is required, complete board replacement is the preferred repair method. Data is provided for reference only.

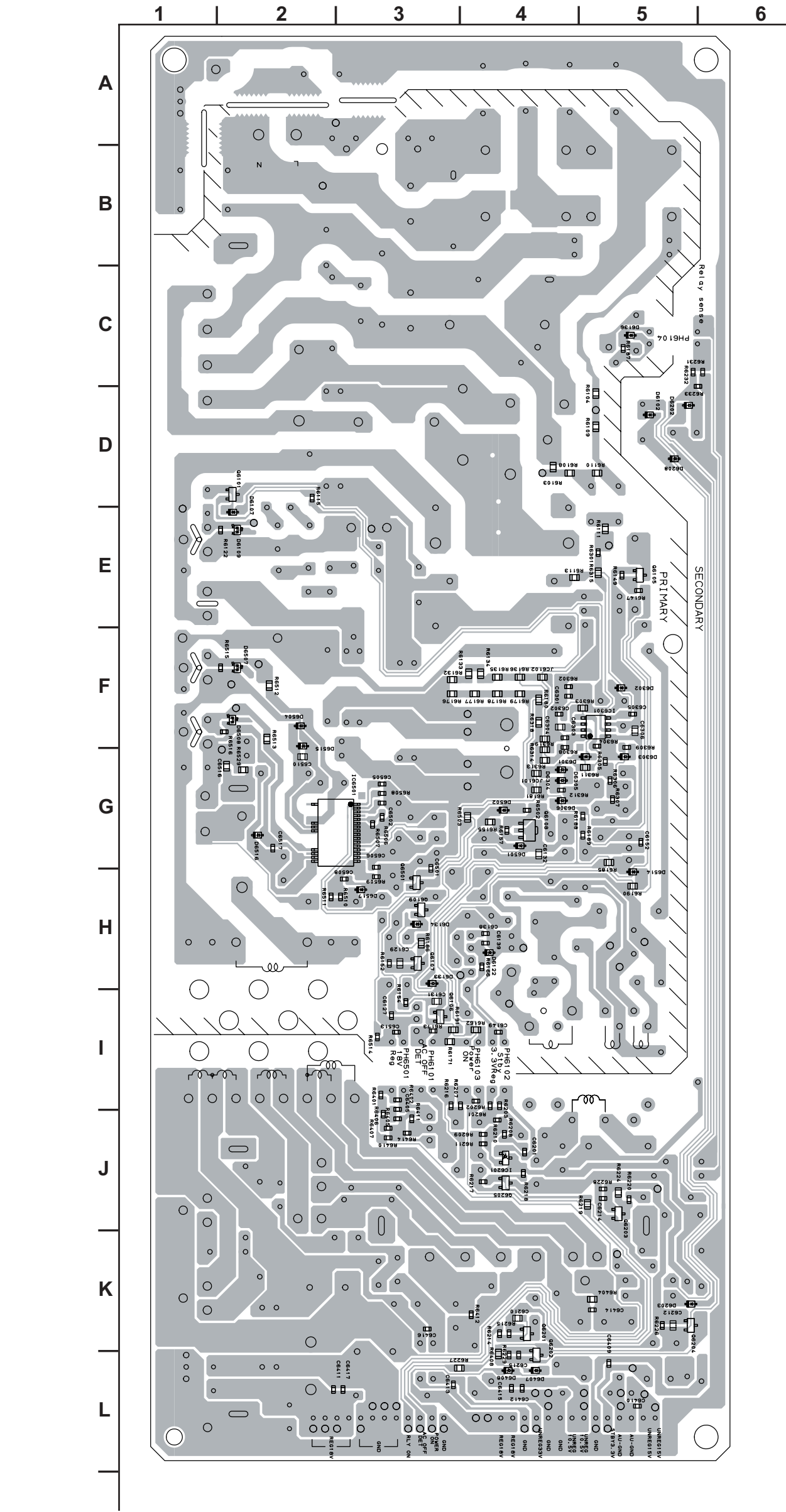


△×				UNIT INCH		TOLERANCE		USED ON		RANK	
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△×											
△×											
△×						SCALE 1 =					
△×						RATED COLOR				ORIGINAL MODEL APS-220 (CH) PENCIL COLOR	
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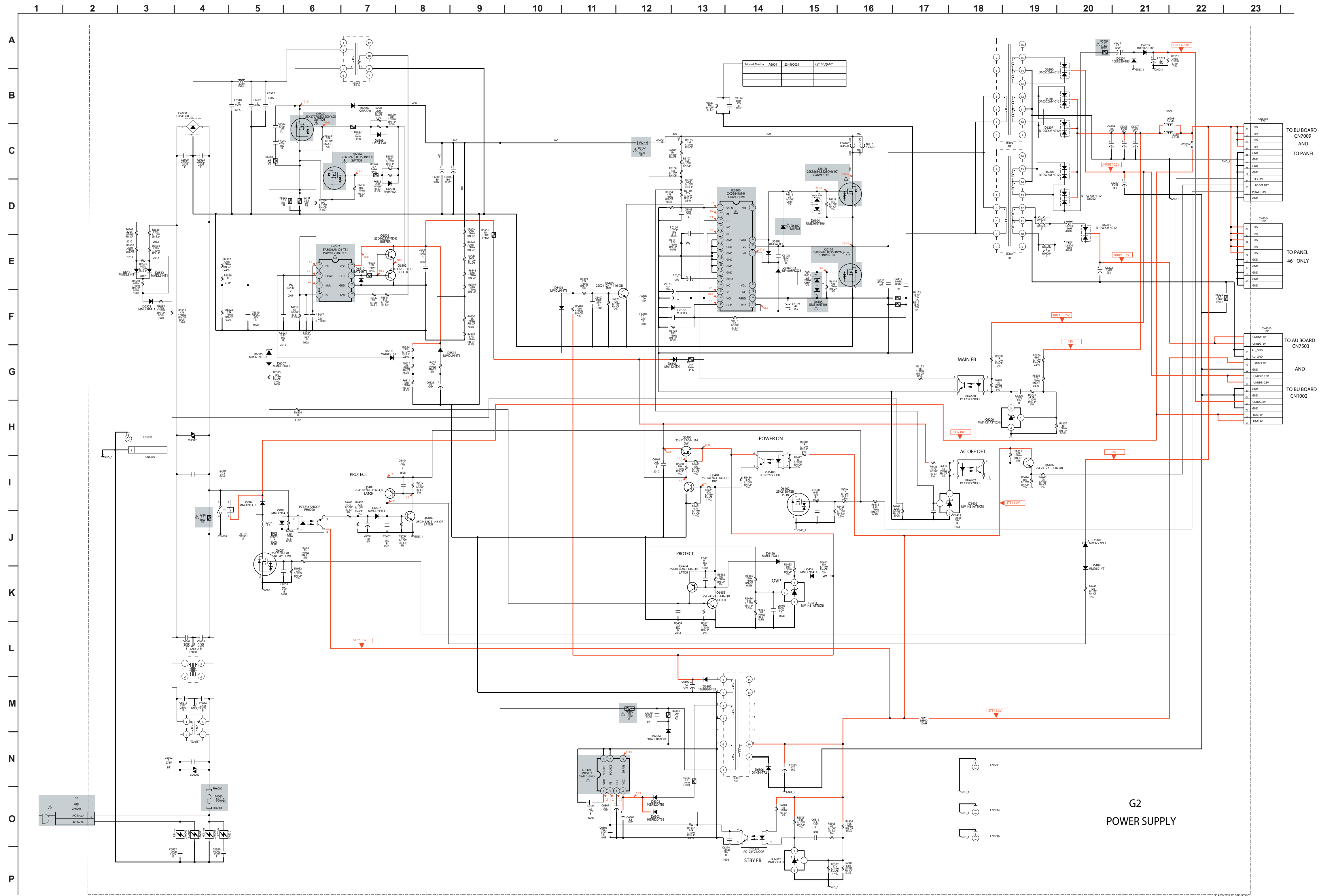
G1 [POWER SUPPLY]
COMPONENT SIDE (KDL-32S2400 ONLY)



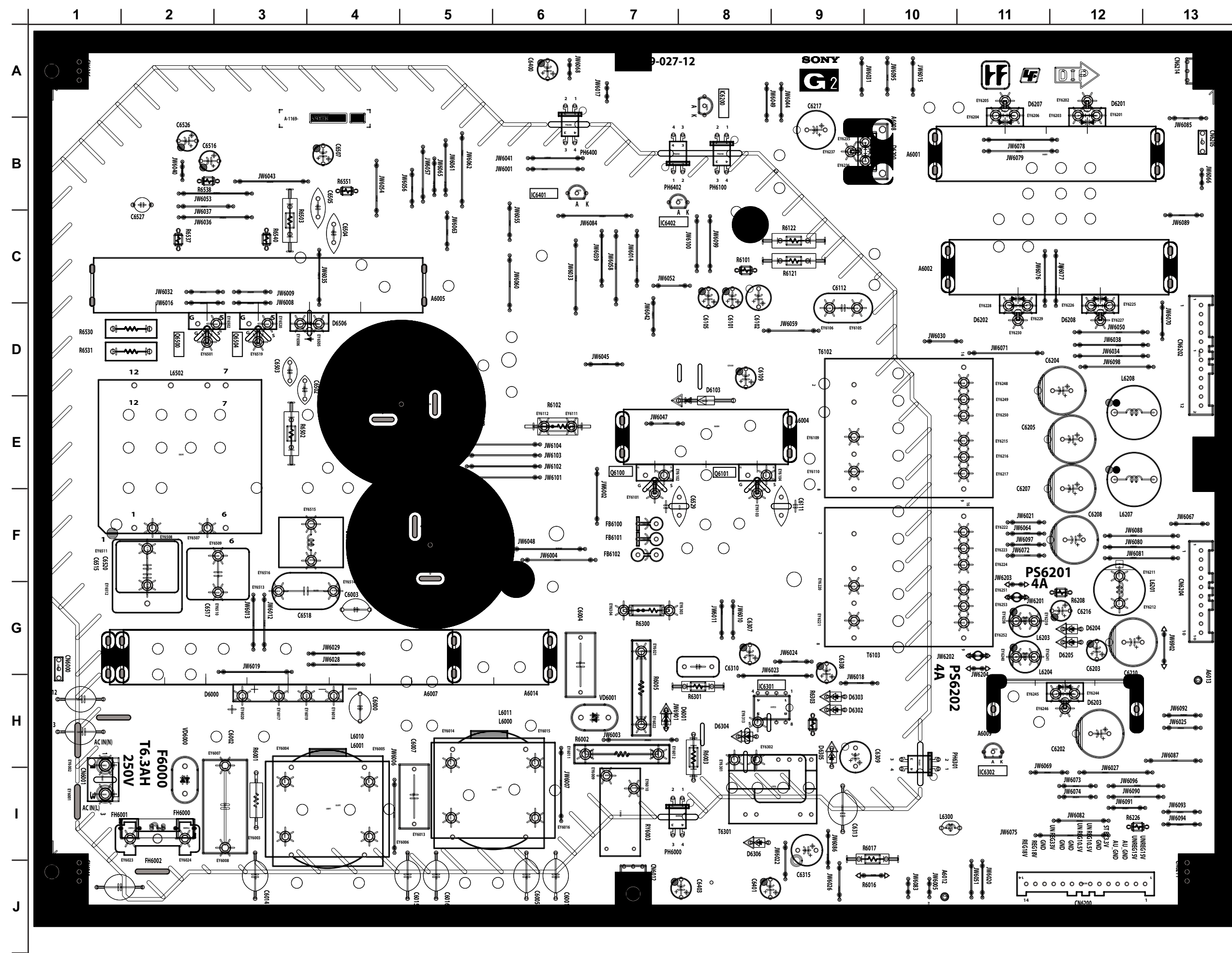
G1 [POWER SUPPLY]
CONDUCTOR SIDE (KDL-32S2400 ONLY)



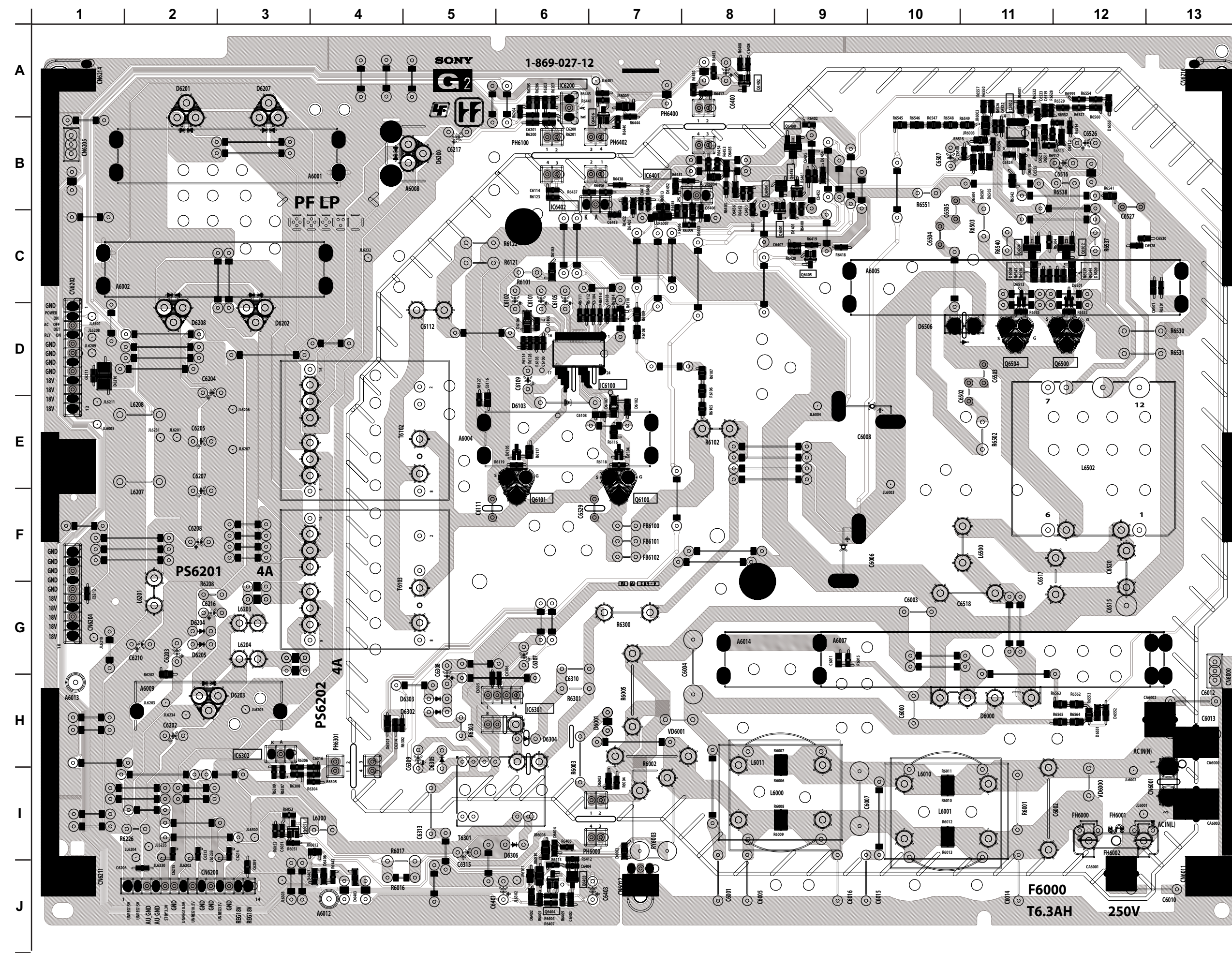
G2 BOARD SCHEMATIC DIAGRAM (KDL-40S2400 ONLY)



G2 [POWER SUPPLY]
COMPONENT SIDE (KDL-40S2400 ONLY)



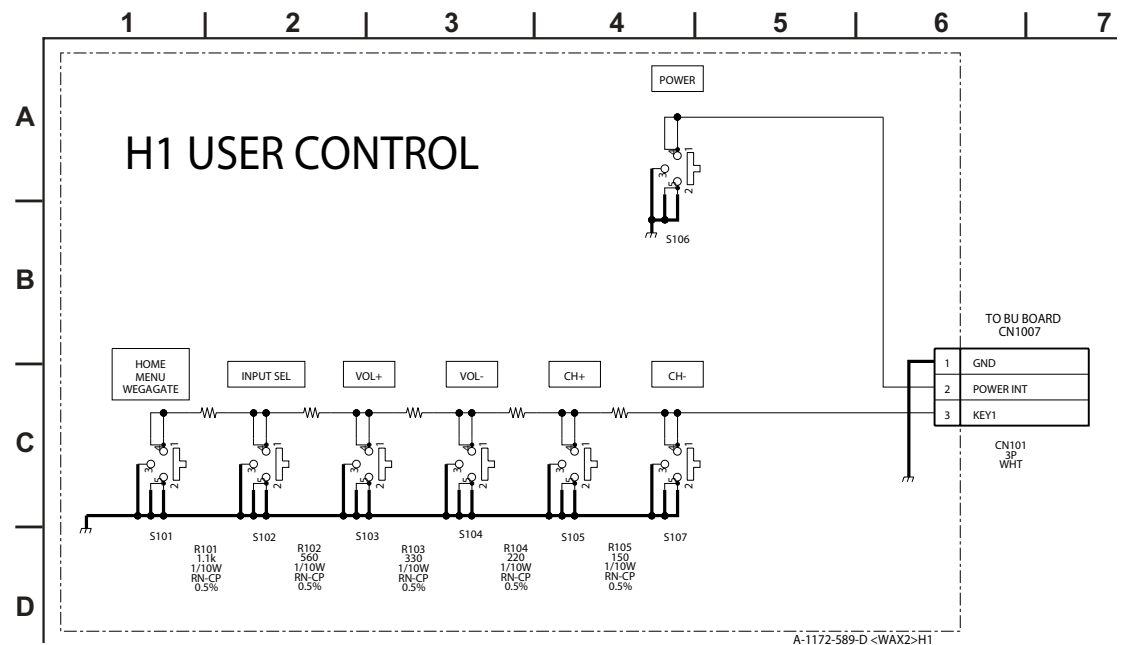
G2 [POWER SUPPLY]
CONDUCTOR SIDE (KDL-40S2400 ONLY)



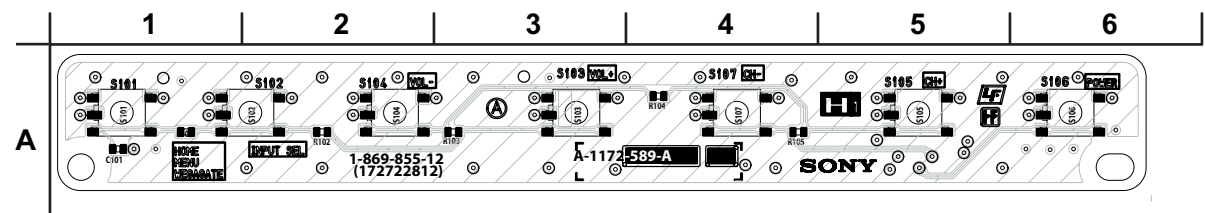
G2 BOARD LOCATOR LIST

DIODE	DIODE	DIODE	DIODE	DIODE	DIODE
D6000	H-11	D6208	D-2	D6508	C-11
D6002	I-7	D6302	H-5	D6509	C-12
D6003	I-6	D6303	H-5	D6510	B-11
D6102	D-7	D6304	H-6	D6511	B-11
D6103	E-6	D6305	H-5	D6512	B-12
D6104	E-7	D6306	I-6	D6551	H-12
D6105	E-6	D6401	C-9	D6552	H-12
D6106	D-6	D6402	J-6	D6553	B-12
D6107	D-7	D6407	J-3	IC	Q6405
D6108	C-6	D6408	J-4	IC6100	D-7
D6200	B-5	D6452	B-7	IC6200	A-6
D6201	A-2	D6454	B-9	IC6301	H-6
D6202	D-3	D6456	B-8	IC6302	H-3
D6203	H-3	D6504	B-11	IC6401	B-7
D6204	G-2	D6505	B-11	IC6402	B-6
D6205	G-2	D6506	D-10	IC6502	A-11
D6207	A-3	D6507	B-11		

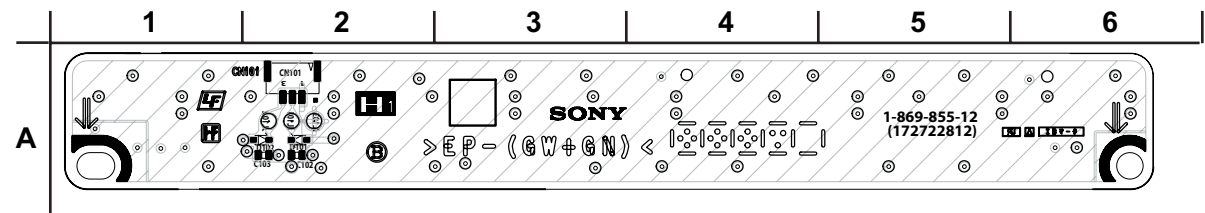
H1U BOARD SCHEMATIC DIAGRAM NOTE: THE SILK SCREEN ON THE BOARD MAY DISPLAY “H1” INSTEAD OF “H1U”



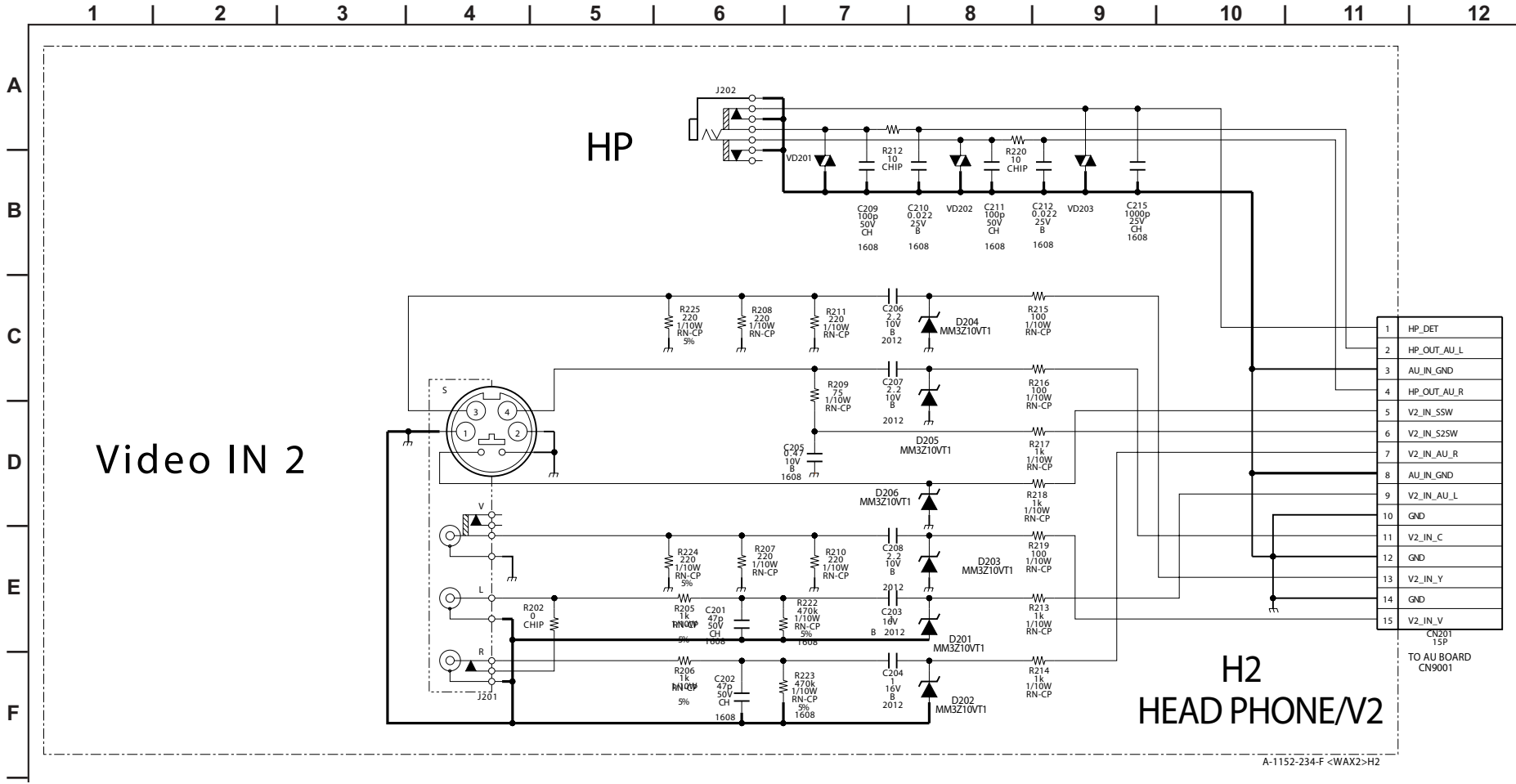
H1U [USER CONTROL]
COMPONENT SIDE



H1U [USER CONTROL]
CONDUCTOR SIDE



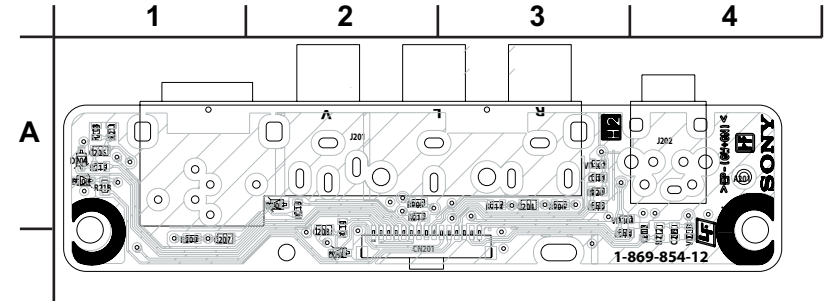
H2U BOARD SCHEMATIC DIAGRAM NOTE: THE SILK SCREEN ON THE BOARD MAY DISPLAY “H2” INSTEAD OF “H2U”



H2U

[HEAD PHONE/V2]

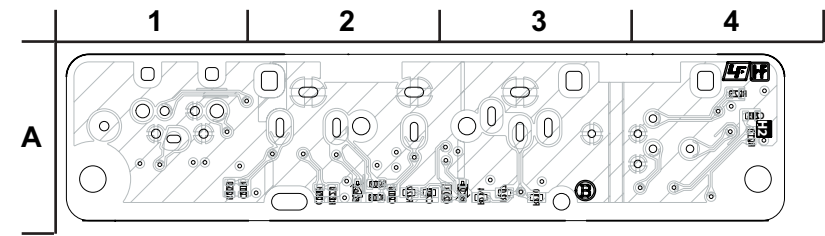
COMPONENT SIDE



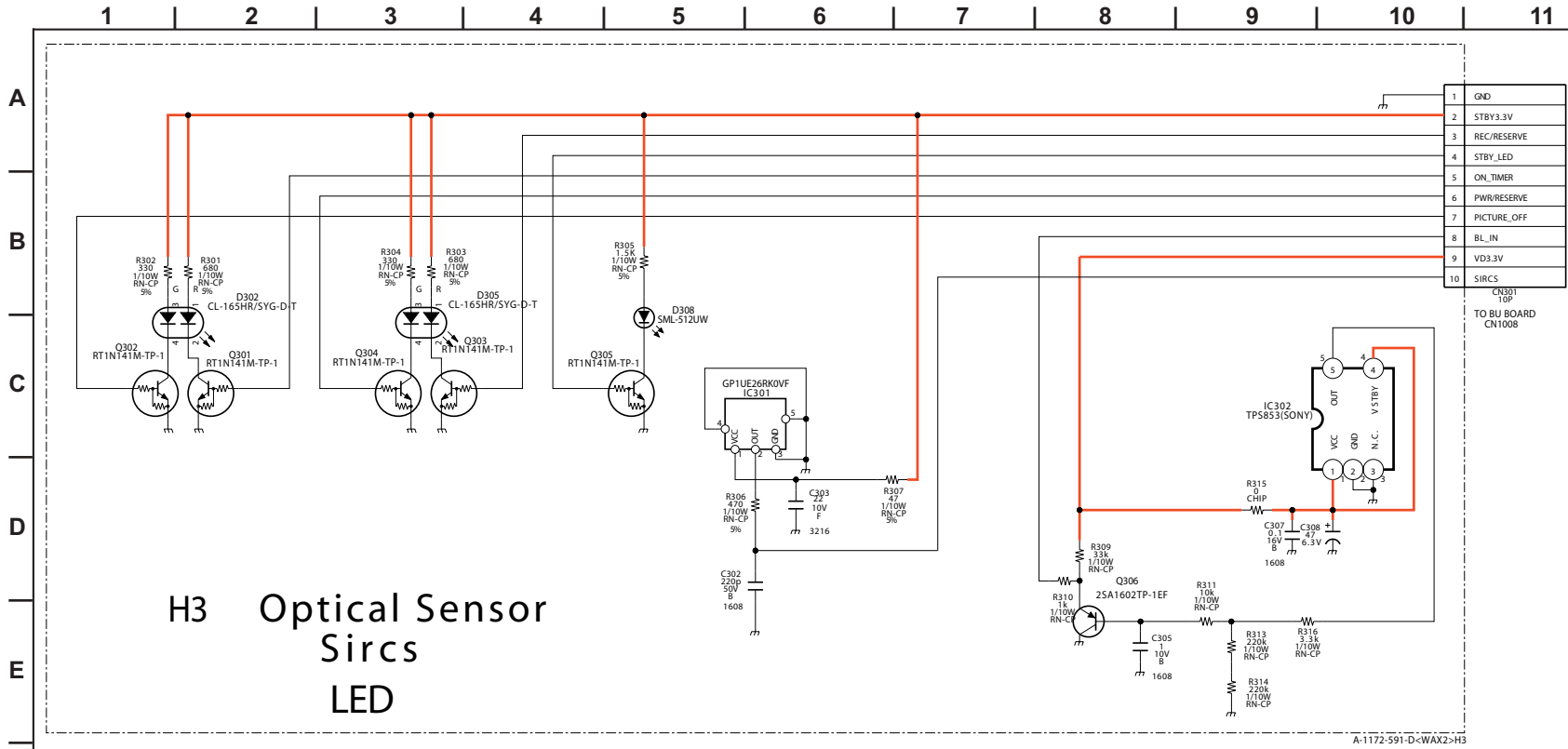
H2U

[HEAD PHONE/V2]

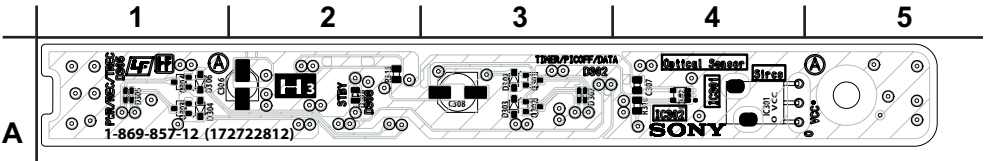
CONDUCTOR SIDE



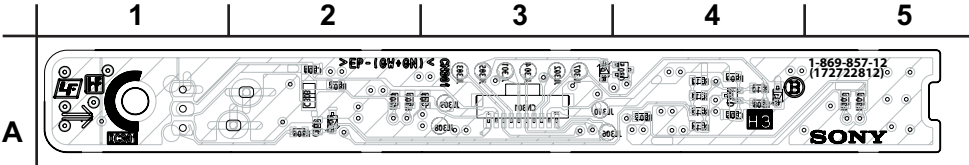
H3U BOARD SCHEMATIC DIAGRAM NOTE: THE SILK SCREEN ON THE BOARD MAY DISPLAY “H3” INSTEAD OF “H3U”



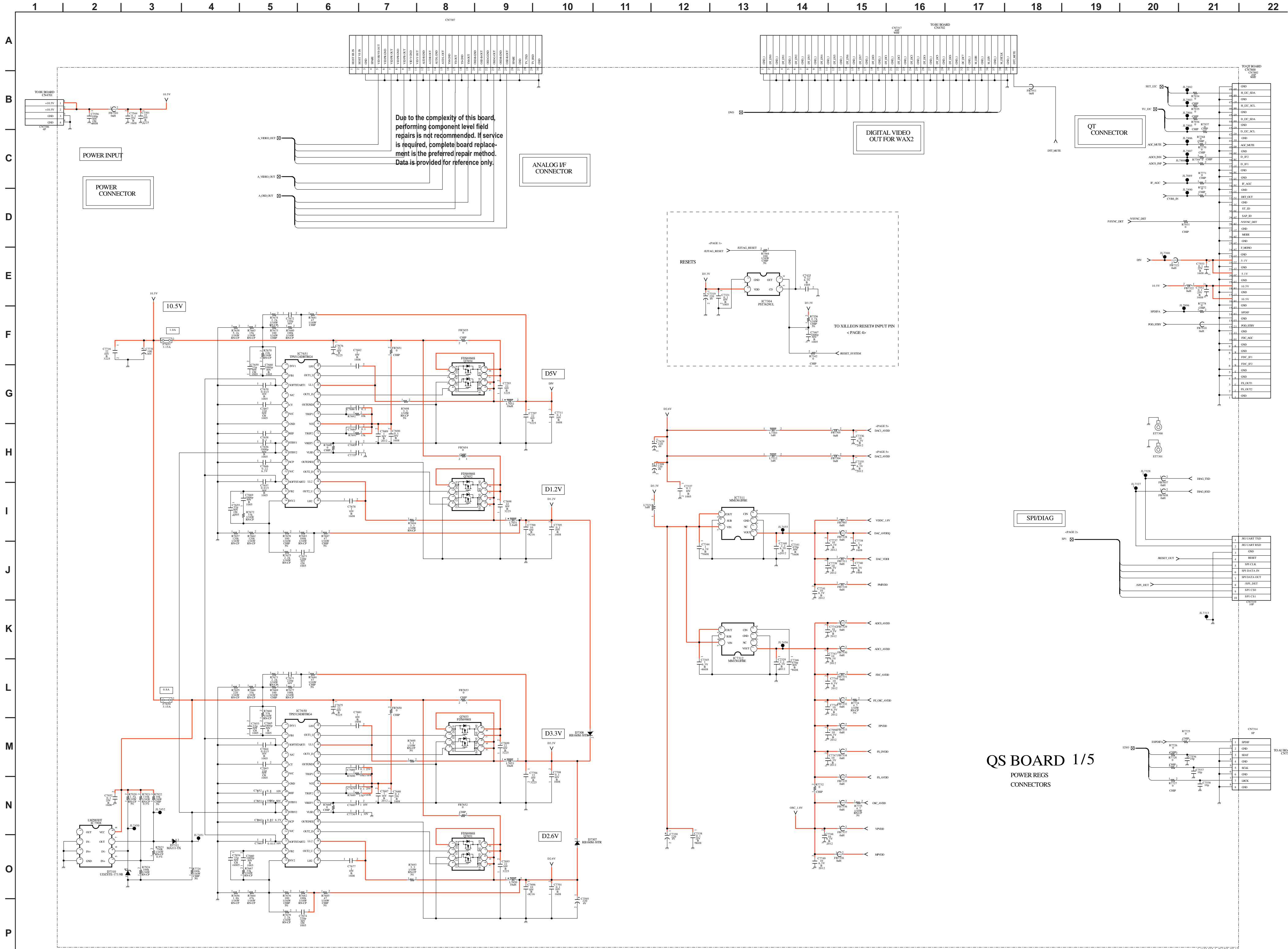
H3U [OPTICAL SENSOR, SIRCS, LED]
COMPONENT SIDE



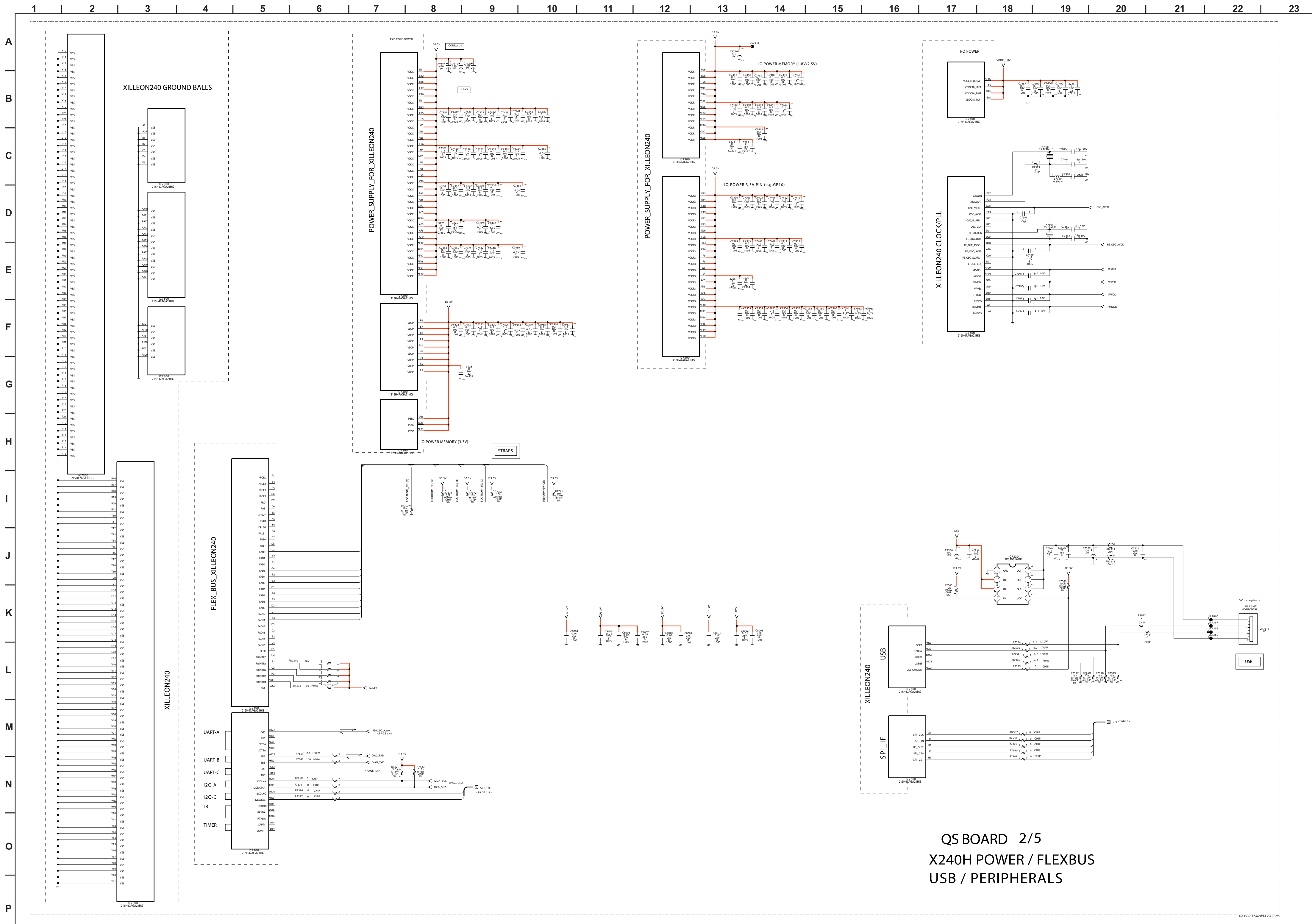
H3U [OPTICAL SENSOR, SIRCS, LED]
CONDUCTOR SIDE



QS BOARD SCHEMATIC DIAGRAM (1 OF 5) Due to the complexity of this board, performing component level field repairs is not recommended. If service is required, complete board replacement is the preferred repair method. Data is provided for reference only.

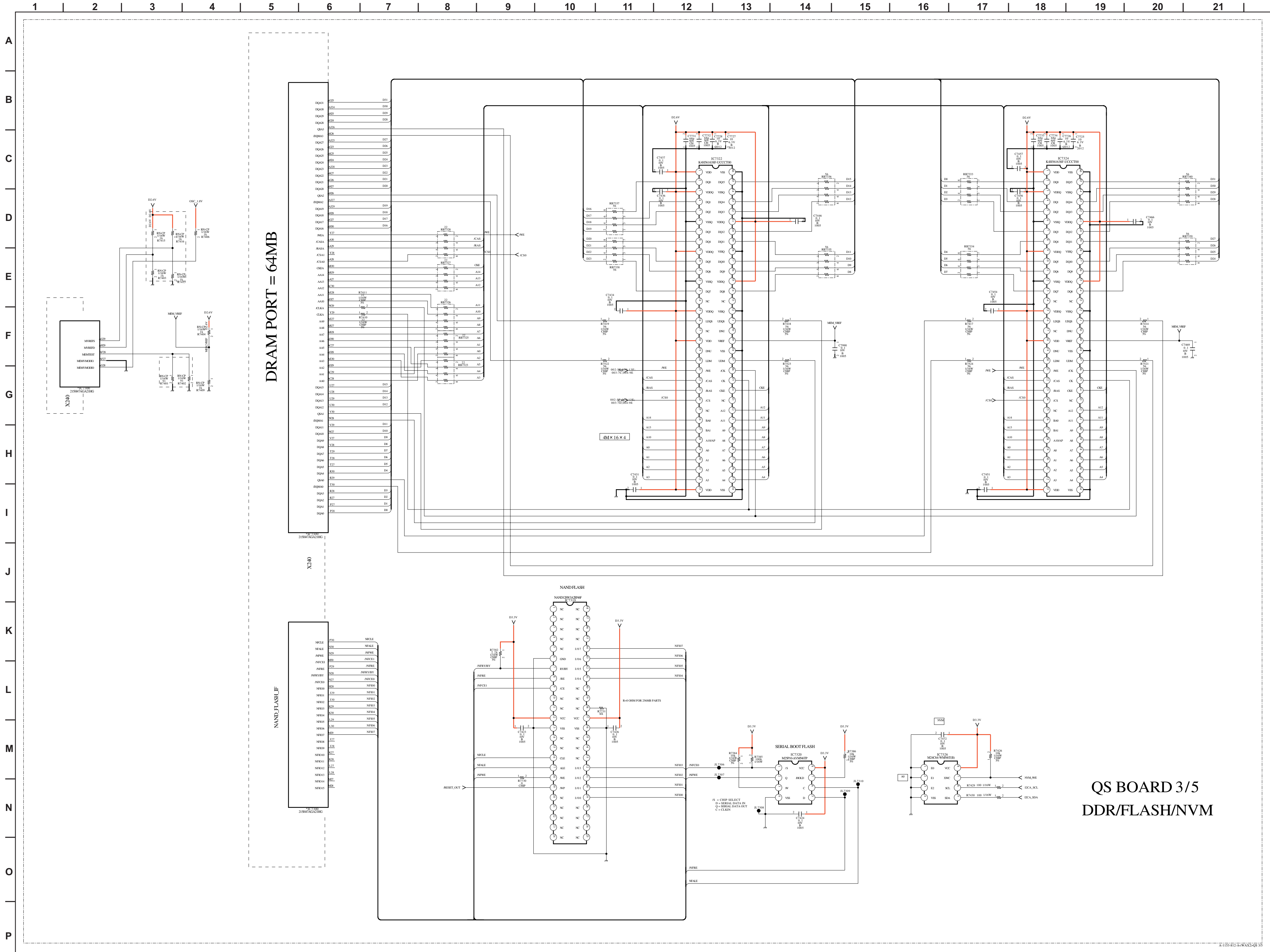


QS BOARD SCHEMATIC DIAGRAM (2 OF 5) Due to the complexity of this board, performing component level field repairs is not recommended.
If service is required, complete board replacement is the preferred repair method. Data is provided for reference only.

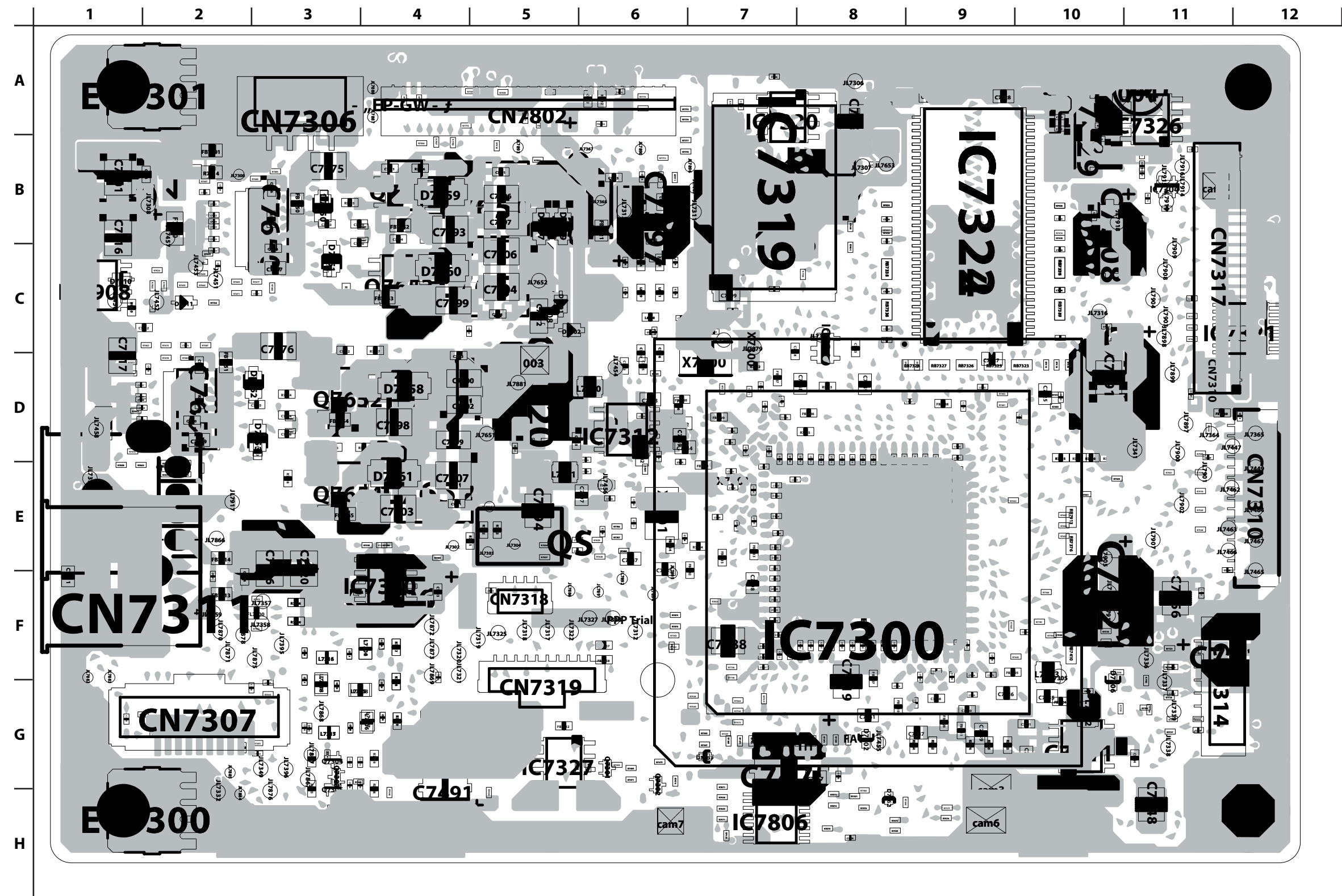
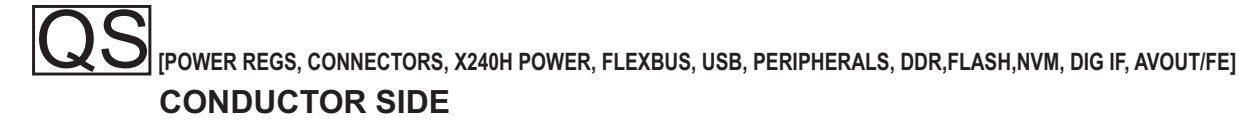


QS BOARD 2/5
X240H POWER / FLEXBUS
USB / PERIPHERALS

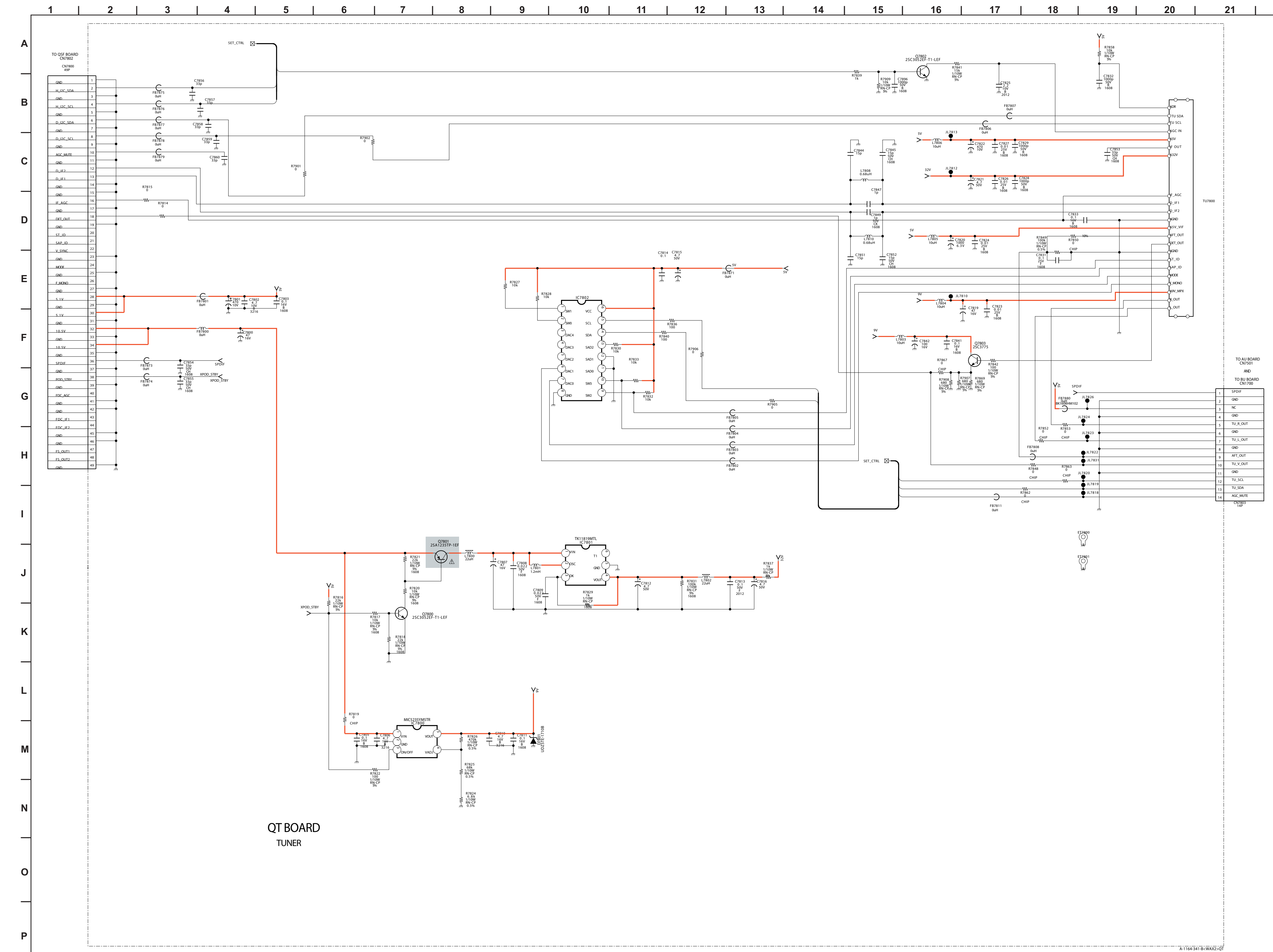
QS BOARD SCHEMATIC DIAGRAM (3 OF 5) Due to the complexity of this board, performing component level field repairs is not recommended.
If service is required, complete board replacement is the preferred repair method. Data is provided for reference only.

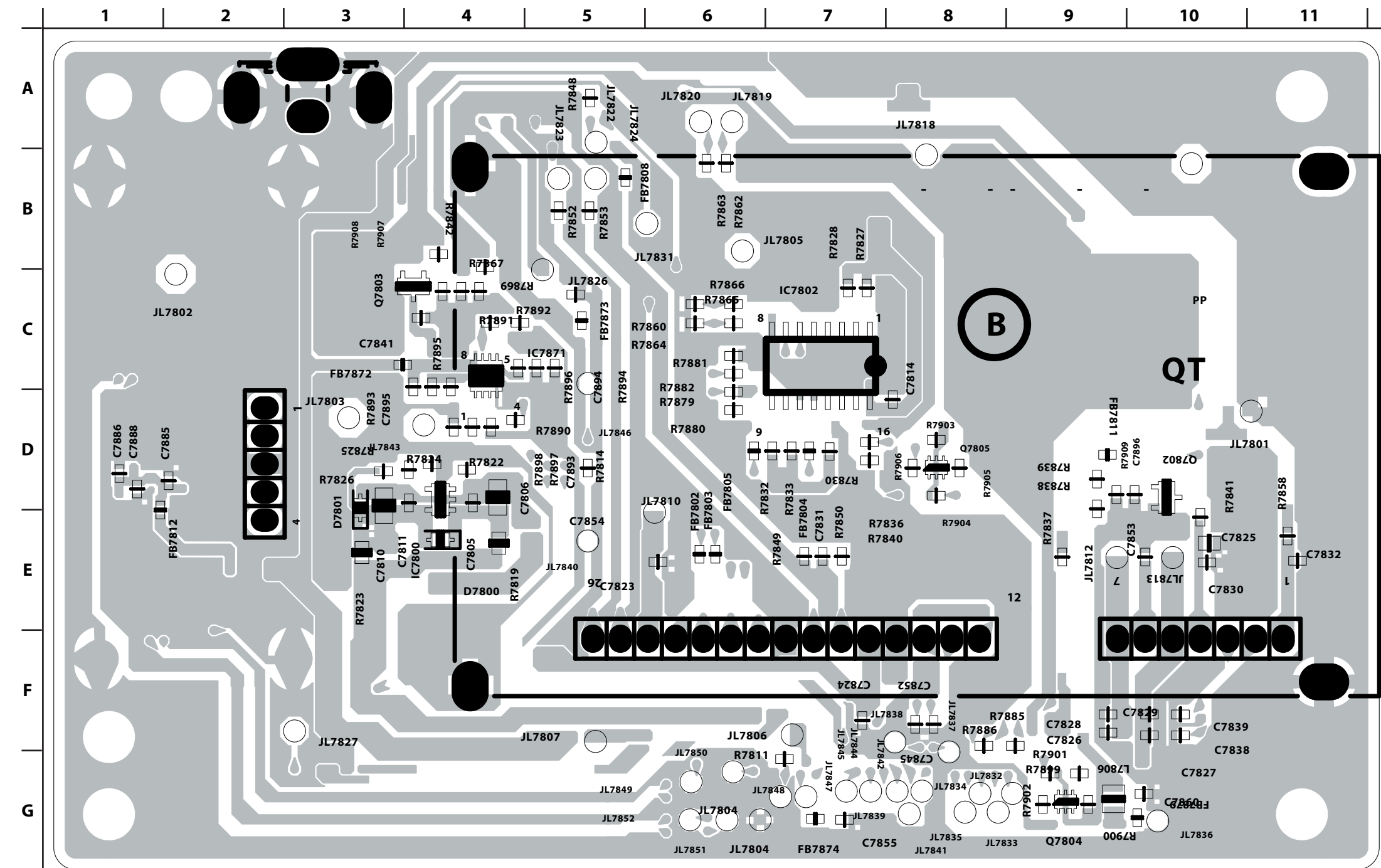
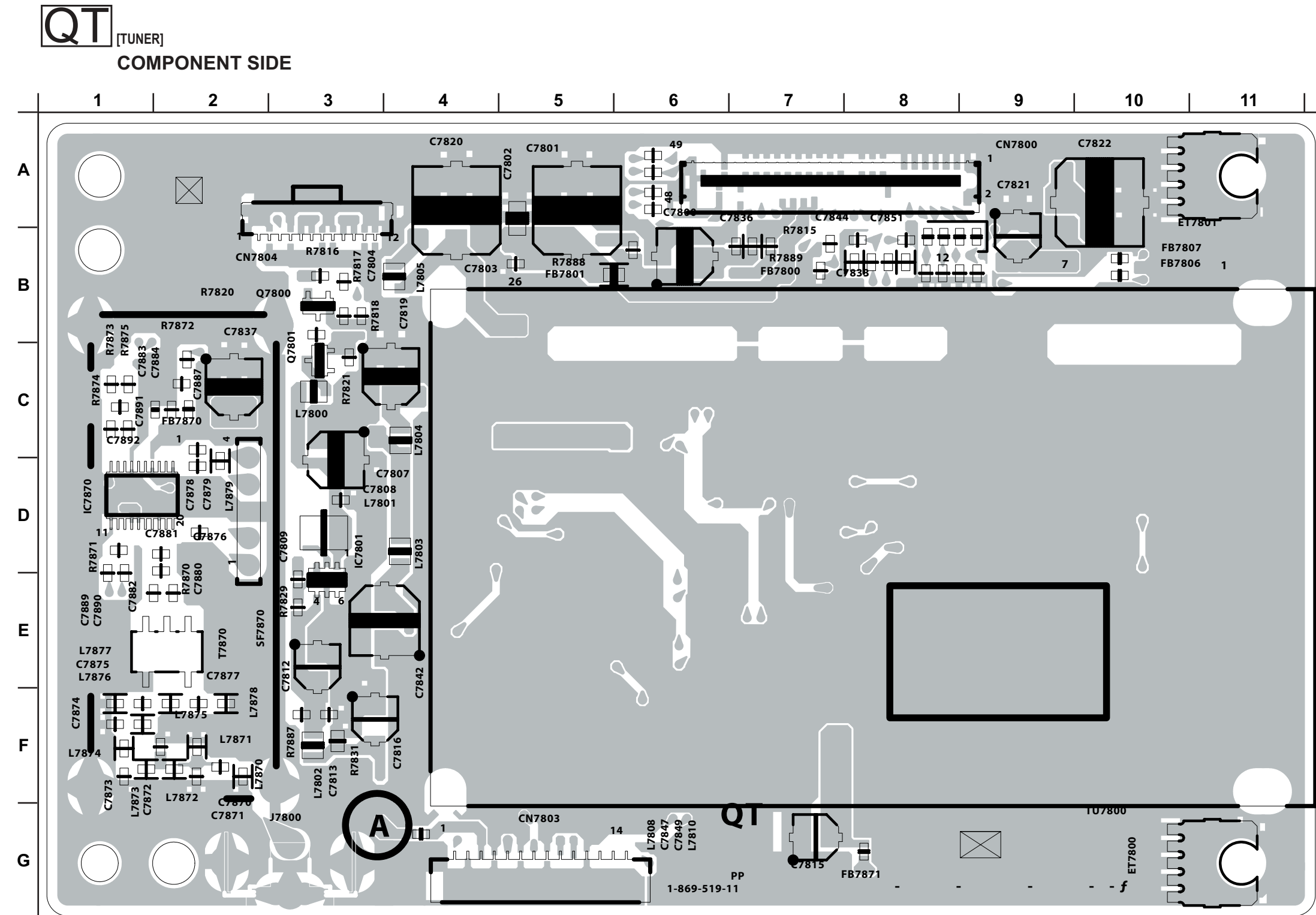






Due to the complexity of this board, performing component level field repairs is not recommended. If service is required, complete board replacement is the preferred repair method. Data is provided for reference only.

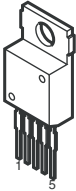




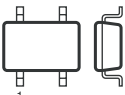
3-5. SEMICONDUCTORS

IC

BA00AST-V5

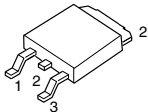


BA05FP-E2
BA09FP-E2
S-1111B33MC-NYSTFG
S-80928CNMC-G8YT2G
TC7SZ125FU(TE85R)

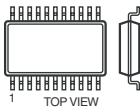


5Pin CHIP

BA18BC0FP-E2
BA25BC0FP-E2

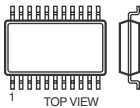


BR24L02F-WE2
CS4335-KSZR
FA5501N-TE1
LM75CIMX-3
M24128-BWMN6T(A)
M24C02-WMN6T(B)
NJM2521V(TE2)
NJM3414AV(TE2)
RC4558DR
RC4558PWR



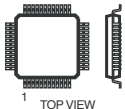
8Pin SOP

CD4052BNSR
FMS6418AM16X



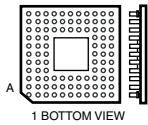
16Pin SOP

CXA2188Q-T4



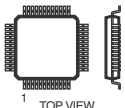
40Pin QFP

EM6A9320BI-5MG



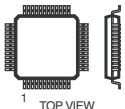
144Pin PGA

HD6433692A39FXV
HD64F3694FXV-DA4
TPA3004D2PHPR



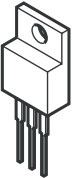
48Pin QFP

HD64F2378-12681-01

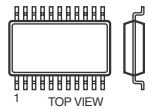


144Pin QFP

L88M05T-FA-TL

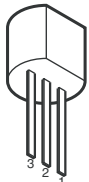


M52347FP-TE

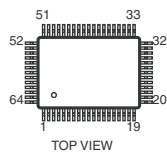


20Pin SOP

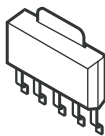
MM1431ATT



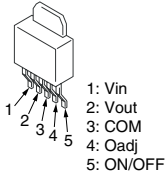
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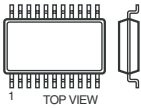
PQ1CY1032ZP



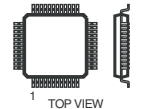
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RV5C387A-E2-FB

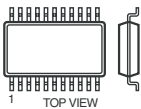


SIH9993CTG100



100Pin QFP

SN74LV132APWR
SN74LVC14APWR



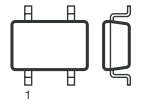
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STR-A6169



8Pin DIP

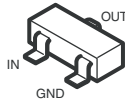
TK11819MTL



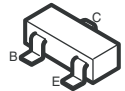
6Pin CHIP

TRANSISTOR

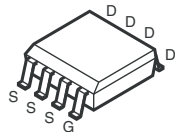
DTC114EU
DTC114EUAFT106



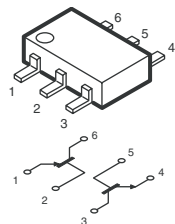
DTC114EUA-T106
DTC115EUA-T106
DTC144WKA-T146
DTC314TK-T-146
DTC323TK
DTC323TKT146
MUN2211T1
MUN2212T1
MUN5213T1
PDTC114EK-115
UN2211
2PA1576R-115
2PC4081R-115
2PD601AR-115
2SA1037AK-T146-QR
2SA1037AK-T146-R
2SA1576A-T106-QR
2SA1774R
2SA1774TL-QR
2SC1623-L5L6
2SC2412K-T-146-QR
2SC4081-R
2SC4081T106R
2SC4617R
2SC4617TL-QR
2SD2114K
2SD601A-Q-TX



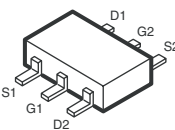
FDS6690A



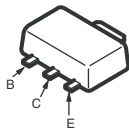
HN1B01FU-TE85R



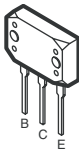
SSM6N15FU(TE85R)



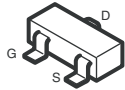
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2SB1122-ST-TD-E
2SD1621-ST
2SD1621ST-TD-E



2SD2114KT146

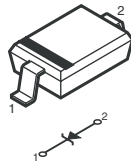


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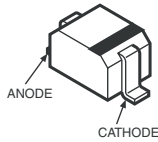


DIODE

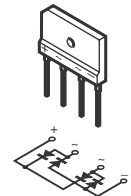
BAS316-115
EP05FA20
MM3Z10VT1
MM3Z11VT1
MM3Z13VT1
MM3Z18VST1
MM3Z22VT1
MM3Z2V4T1
MM3Z5V6ST1
MM3Z6V2ST1
MM3Z6V8ST1
MM3Z8V2ST1



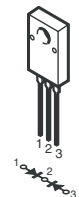
BAT54HT1
DTZ10B
HZU5.6GTRF
MA113-(TX)
MMDL914T1
RD5.6SB-T1
UDZ-TE-17-18B
UDZ-TE-17-6.2B
UDZ-TE-17-6.8B



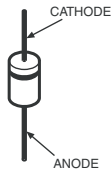
D10SBS4
D10SBS4F
D2SB60A-F04
D4SB60L



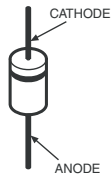
D10SC6M



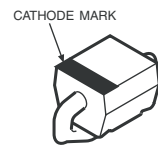
D1NL40-TA2
D1NL40-TR2
ERA22-08



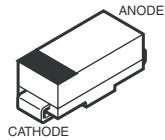
D1NS6
D1NS6-TR
ERA22-06AVRBT
UF4005PKG23
10ERB20-TB3
1N5404TU



EC10QS-04
EC10QS04-TE12L5



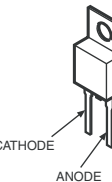
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P6SMBJ30A-5
PTZ-TE25-3.9B



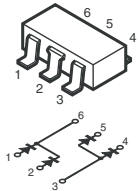
ERA22-08KFLB



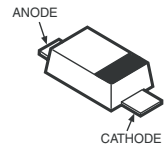
FSF05A60



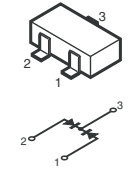
HN1D03FU-TE85L
HN1D03FU-TE85R



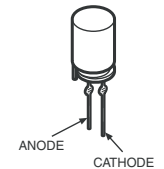
M1FM3



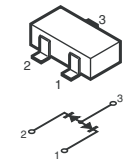
MA132WK
MA132WK-TX
MA151WK-TX
1SS184



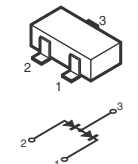
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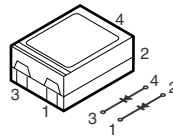
UMZ16NT106



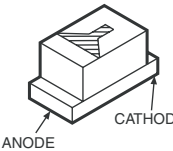
1PS302



SML-020MVT-T86



SML-310LTT86





SECTION 4: EXPLODED VIEWS


Components not identified by a part number or description are not stocked because they are seldom required for routine service.

The component parts of an assembly are indicated by the reference numbers in the far right column of the parts list and within the dotted lines of the diagram.

* Items marked with an asterisk are not stocked since they are seldom required for routine service. Expect some delay when ordering these components.

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

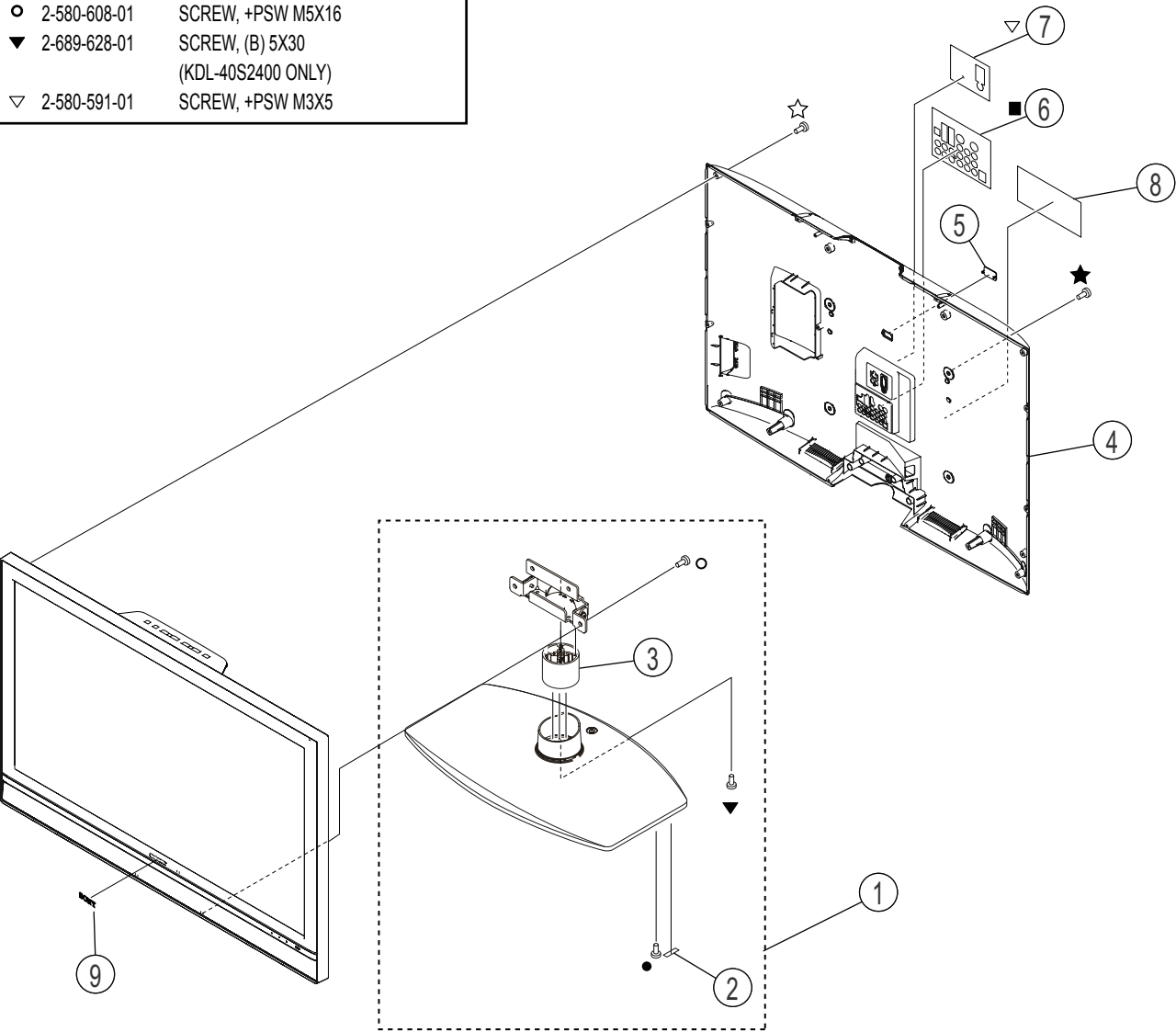
NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

NOTE: The components identified by a red outline and a  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced. See Appendix A: Encryption Key Components in the back of this manual.


4-1. REAR CABINET AND STAND ASSEMBLY


(Please review the [Sony Electronics Service Information](#) website for any additional service information.)


- 7-685-648-79 SCREW +BVTP 3X12 TYPE2 IT-3
- ☆ 2-580-640-01 SCREW, +BVTP2 4X16
- ★ 2-580-611-01 SCREW, +PSW M6X16
- 2-580-647-01 SCREW, +KTP2 4X12 (KDL-40S2400 ONLY)
- 2-580-608-01 SCREW, +PSW M5X16
- ▼ 2-689-628-01 SCREW, (B) 5X30 (KDL-40S2400 ONLY)
- ▽ 2-580-591-01 SCREW, +PSW M3X5



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
1	A-1214-801-A	STAND ASSEMBLY (M) (KDL-32S2400 ONLY)	[2]	6	2-681-672-02	LABEL, TERMINAL (REAR)	
1	A-1214-954-A	STAND ASSEMBLY (L) (KDL-40S2400 ONLY)	[2-3]	7	2-681-673-02	LABEL, HDMI	
2	2-886-221-01	FOOT		8	2-893-220-01	LABEL, INFORMATION (KDL-32S2400 ONLY)	
* 3	2-687-400-01	NECK (L) (KDL-40S2400 ONLY)		8	2-893-220-11	LABEL, INFORMATION (KDL-40S2400 ONLY)	
4	X-2148-024-1	COVER REAR ASSEMBLY (32) (KDL-32S2400 ONLY)		9	3-704-179-01	EMBLEM (NO.9), SONY (KDL-40S2400 ONLY)	
4	X-2148-025-2	COVER REAR ASSEMBLY (40) (KDL-40S2400 ONLY)					
5	2-664-636-01	COVER, ECS					

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

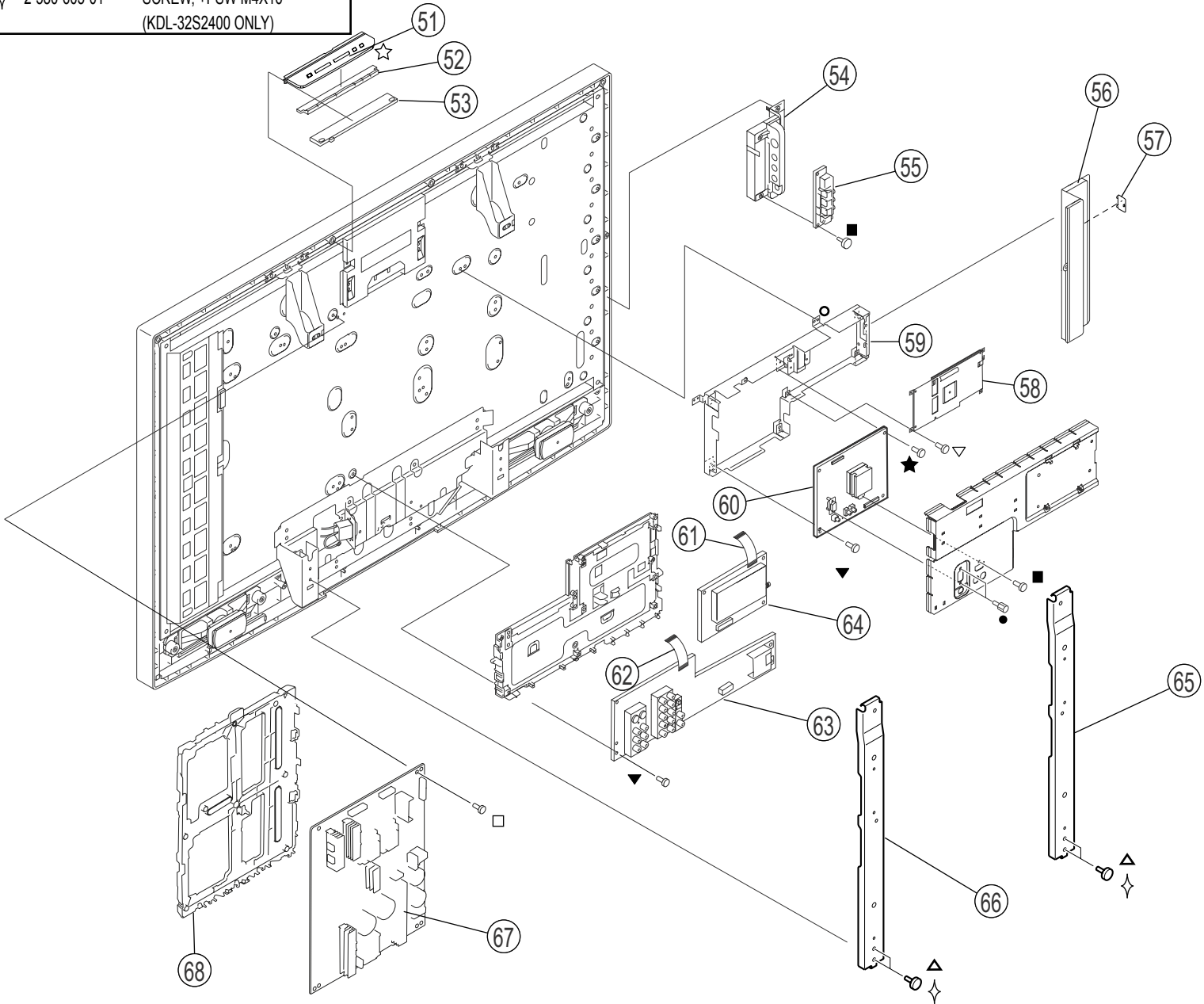
NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

NOTE: The components identified by a red outline and a  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced. See Appendix A: Encryption Key Components in the back of this manual.


4-2. CHASSIS


(Please review the [Sony Electronics Service Information](#) website for any additional service information.)


- 7-685-648-79 SCREW +BVTP 3X12 TYPE2 IT-3
- 2-674-965-31 SCREW, +PSW 3SG (KDL-40S2400 ONLY)
- ▼ 2-674-965-21 SCREW, +PSW 3SG
- ▽ 2-674-965-11 SCREW, +PSW 3SG
- 4-635-966-01 SCREW (HEX)
- 2-580-591-01 SCREW, +PSW M3X5
- ★ 2-580-629-01 SCREW, +BVST 3X8
- ☆ 2-580-640-01 SCREW, +BVTP2 4X16
- ▲ 2-580-606-01 SCREW, +PSW M5X8 (KDL-40S2400 ONLY)
- ◇ 2-580-603-01 SCREW, +PSW M4X16 (KDL-32S2400 ONLY)



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
51	2-890-851-01	COVER, BUTTON		65	X-2109-236-2	BRACKET, VESA (32) ASSEMBLY (KDL-32S2400 ONLY)	
52	2-890-850-01	BUTTON, MULTI		65	X-2109-058-3	VESA BRACKET (40) L ASSEMBLY (KDL-40S2400 ONLY)	
53	A-1172-589-D	H1U BOARD, MOUNTED		66	X-2109-551-2	BRACKET, VESA (32R) ASSEMBLY (KDL-32S2400 ONLY)	
54	2-897-926-01	HOLDER, SIDE JACK (L) (KDL-40S2400 ONLY)		66	X-2109-059-3	VESA BRACKET (40) R ASSEMBLY (KDL-40S2400 ONLY)	
54	2-897-927-01	HOLDER, SIDE JACK (M) (KDL-32S2400 ONLY)		△ 67	1-468-980-13	G1 BOARD, POWER UNIT (KDL-32S2400 ONLY)	
55	A-1152-234-F	H2U BOARD, MOUNTED		Due to the complexity of this board, performing component level field repairs is not recommended. If service is required, complete board replacement is the preferred repair method.			
56	X-2176-031-1	TERMINAL (A)(M) ASSEMBLY, SIDE		67	A-1144-543-F	G2 BOARD, MOUNTED (KDL-40S2400 ONLY)	
57	2-667-650-01	COVER, SERVICE (A)		68	X-2176-030-1	BRACKET ASSEMBLY (A), G1 (KDL-32S2400 ONLY)	
58	A-1153-812-B	QS BOARD, COMPLETE		68	2-890-848-01	BRACKET G2 (KDL-40S2400 ONLY)	
Due to the complexity of this board, performing component level field repairs is not recommended. If service is required, complete board replacement is the preferred repair method.							
59	X-2109-045-3	BRACKET, (A,TU) (A) ASSEMBLY					
🔒 60	A-1258-529-A	BU BOARD, COMPLETE (KDL-32S2400 ONLY)					
🔒 60	A-1258-530-A	BU BOARD, COMPLETE (KDL-40S2400 ONLY)					
61	1-910-024-84	FFC CONNECTOR ASSEMBLY 40P					
62	1-910-024-83	FFC CONNECTOR ASSEMBLY (2) 49P					
63	A-1192-415-D	AU BOARD, COMPLETE					
64	A-1164-341-B	QT BOARD, COMPLETE					
Due to the complexity of this board, performing component level field repairs is not recommended. If service is required, complete board replacement is the preferred repair method. (If the tuner needs to be replaced, the complete QT Board must be ordered. It cannot be ordered separately.)							

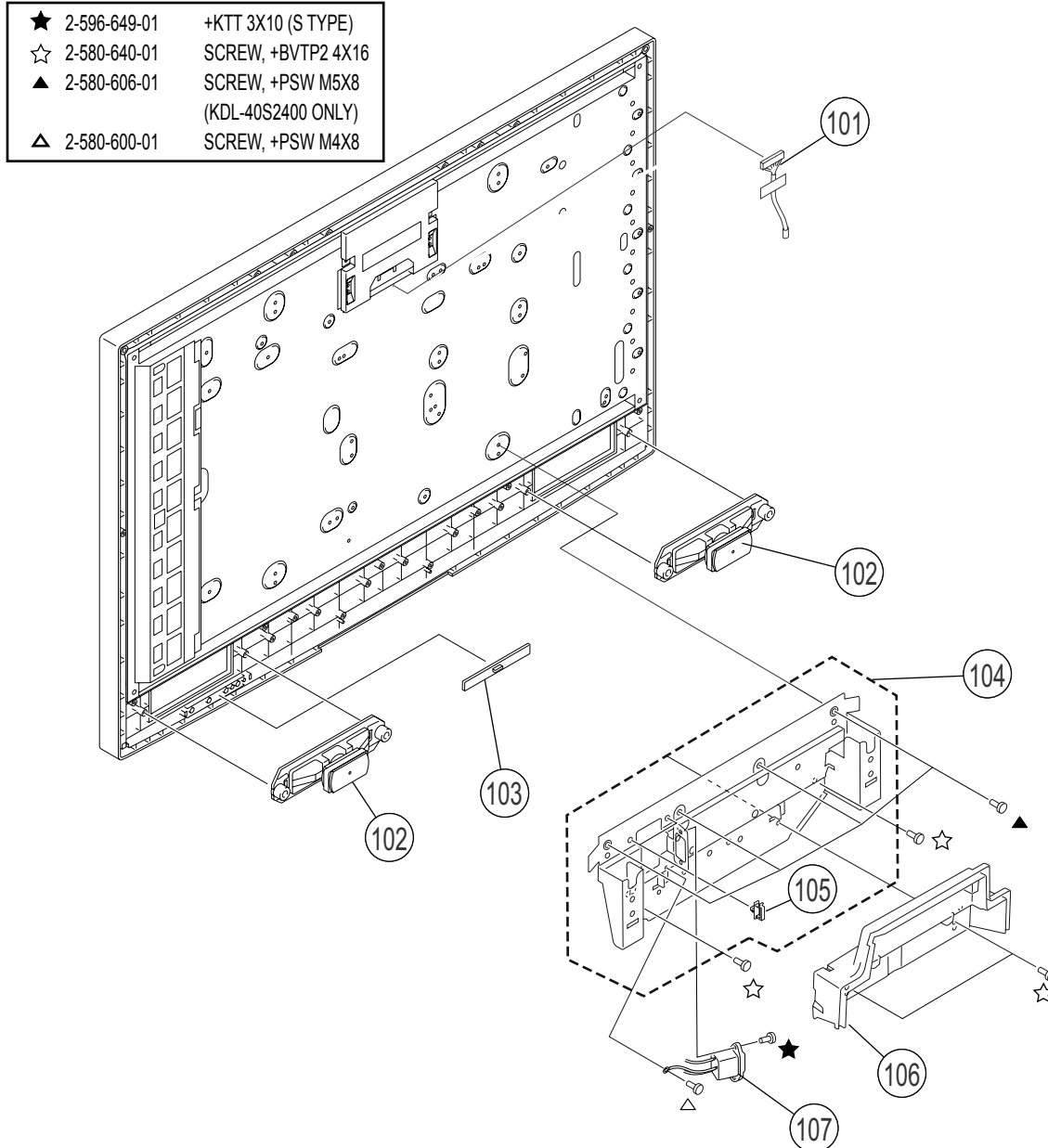
NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.


NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.


NOTE: The components identified by a red outline and a  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced. See Appendix A: Encryption Key Components in the back of this manual.


4-3. SPEAKERS


(Please review the [Sony Electronics Service Information](#) website for any additional service information.)



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
101	1-832-469-12	HARNESS WITH CONNECTOR (LVDS) (KDL-32S2400 ONLY)		104	X-2109-168-4	FRAME, BOTTOM (L) ASSEMBLY (KDL-40S2400 ONLY)	[105]
101	1-832-470-11	HARNESS WITH CONNECTOR (LVDS) (KDL-40S2400 ONLY)		105	2-650-770-21	SLIDE, CLAMP (KDL-40S2400 ONLY)	
102	1-826-363-11	LOUDSPEAKER (4.2X15CM) (KDL-32S2400 ONLY)		106	2-890-852-01	COVER, UNDER (M) (KDL-32S2400 ONLY)	
102	1-826-362-11	LOUDSPEAKER (5.5X15.5CM) (KDL-40S2400 ONLY)		106	2-890-853-01	COVER, UNDER (L) (KDL-40S2400 ONLY)	
103	A-1172-591-D	H3U BOARD, MOUNTED		 107	1-819-729-14	INLET, AC (WITH NOISE FILTER)	

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

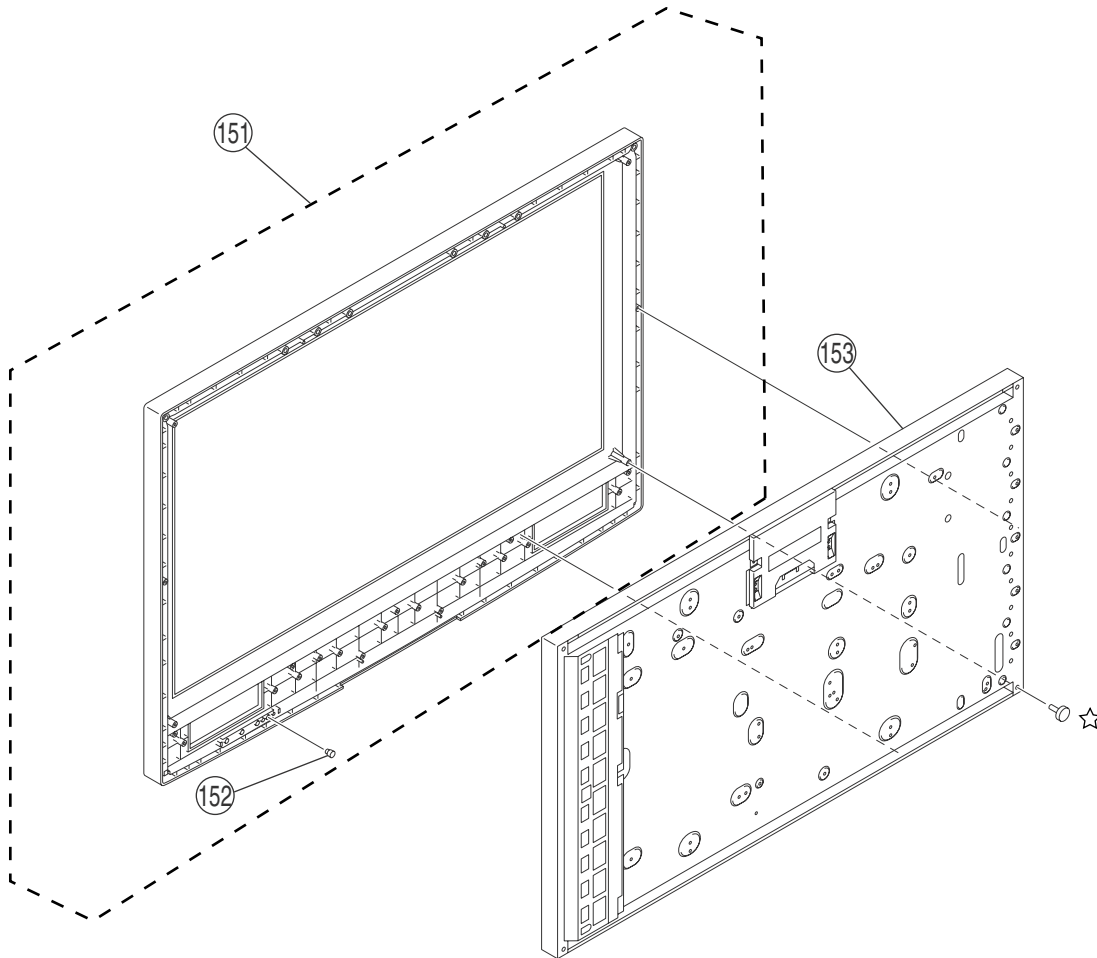
NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.


NOTE: The components identified by a red outline and a  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced. See Appendix A: Encryption Key Components in the back of this manual.

4-4. LCD PANEL


(Please review the [Sony Electronics Service Information](#) website for any additional service information.)


☆ 2-580-640-01 SCREW, +BVTP2 4X16




REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
151	X-2176-345-1	BEZEL (32S) ASSEMBLY (KDL-32S2400 ONLY)	[152]	153	1-802-060-14	LCD PANEL (32WXGA+TFT) (KDL-32S2400 ALL EXCEPT SN 8,200,001 and UP)	
151	X-2176-347-1	BEZEL (40S) ASSEMBLY (KDL-40S2400 ONLY)	[152]	 153	1-802-261-11	LCD PANEL (32WXGA+TFT) (KDL-32S2400 ONLY SN 8,200,001 and UP)	
*	152	2-664-630-01	GUIDE, LIGHT SENSOR	153	1-802-059-11	LCD PANEL (40WXGA+TFT) (KDL-40S2400 ONLY)	

SECTION 5: ELECTRICAL PARTS LIST

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

* Items marked with an asterisk are not stocked since they are seldom required for routine service. Expect some delay when ordering these components.


NOTE: The components identified by a red outline and a  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced.
See Appendix A: Encryption Key Components in the back of this manual.

RESISTORS

- All resistors are in ohms
- F : nonflammable
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.



When ordering parts by reference number, please include the board name.


REF. NO.	PART NO.	DESCRIPTION	VALUES				REF. NO.	PART NO.	DESCRIPTION	VALUES			
<div></div> <div>A-1192-415-D AU BOARD, COMPLETE</div> <div><u>CAPACITOR</u></div>							C6022	1-127-760-11	CERAMIC CHIP	4.7μF	10%	6.3V	
C2013	1-127-715-91	CERAMIC CHIP	0.22μF	10%	16V	C6023	1-128-995-21	ELECT CHIP	100μF	20%	10V		
C2015	1-117-681-11	ELECT CHIP	100μF	20%	16V	C6024	1-115-416-11	CERAMIC CHIP	0.001μF	5%	25V		
C2016	1-127-573-11	CERAMIC CHIP	1μF	10%	16V	C6025	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V		
C2017	1-127-573-11	CERAMIC CHIP	1μF	10%	16V	C6026	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V		
C2018	1-127-715-91	CERAMIC CHIP	0.22μF	10%	16V	C6027	1-117-681-11	ELECT CHIP	100μF	20%	16V		
C2019	1-124-779-00	ELECT CHIP	10μF	20%	16V	C7004	1-162-906-11	CERAMIC CHIP	1.5pF	0.25pF	50V		
C2020	1-127-715-91	CERAMIC CHIP	0.22μF	10%	16V	C7005	1-162-906-11	CERAMIC CHIP	1.5pF	0.25pF	50V		
C2021	1-127-715-91	CERAMIC CHIP	0.22μF	10%	16V	C7010	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V		
C2023	1-117-681-11	ELECT CHIP	100μF	20%	16V	C7011	1-126-396-11	ELECT CHIP	47μF	20%	16V		
C2024	1-127-573-11	CERAMIC CHIP	1μF	10%	16V	C7014	1-162-962-11	CERAMIC CHIP	470pF	10%	50V		
C2025	1-127-573-11	CERAMIC CHIP	1μF	10%	16V	C7015	1-162-960-11	CERAMIC CHIP	220pF	10%	50V		
C2026	1-125-889-91	CERAMIC CHIP	2.2μF	10%	10V	C7019	1-126-394-11	ELECT CHIP	10μF	20%	16V		
C6001	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C7020	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V		
C6003	1-117-681-11	ELECT CHIP	100μF	20%	16V	C7021	1-127-573-11	CERAMIC CHIP	1μF	10%	16V		
C6005	1-164-227-11	CERAMIC CHIP	0.022μF	10%	25V	C7023	1-127-573-11	CERAMIC CHIP	1μF	10%	16V		
C6006	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C7024	1-127-573-11	CERAMIC CHIP	1μF	10%	16V		
C6009	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V	C7025	1-127-573-11	CERAMIC CHIP	1μF	10%	16V		
C6011	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C7027	1-127-573-11	CERAMIC CHIP	1μF	10%	16V		
C6014	1-162-968-11	CERAMIC CHIP	0.0047μF	10%	50V	C7028	1-126-396-11	ELECT CHIP	47μF	20%	16V		
C6015	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C7029	1-127-573-11	CERAMIC CHIP	1μF	10%	16V		
C6016	1-164-227-11	CERAMIC CHIP	0.022μF	10%	25V	C7030	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V		
C6017	1-126-204-11	ELECT CHIP	47μF	20%	16V	C7033	1-127-573-11	CERAMIC CHIP	1μF	10%	16V		
C6018	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V	C7034	1-124-779-00	ELECT CHIP	10μF	20%	16V		
C6019	1-162-966-11	CERAMIC CHIP	0.0022μF	10%	50V	C7035	1-127-573-11	CERAMIC CHIP	1μF	10%	16V		
C6020	1-127-715-91	CERAMIC CHIP	0.22μF	10%	16V	C7036	1-127-573-11	CERAMIC CHIP	1μF	10%	16V		
						C7037	1-127-573-11	CERAMIC CHIP	1μF	10%	16V		
						C7038	1-126-394-11	ELECT CHIP	10μF	20%	16V		
						C7039	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V		
						C7040	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V		
						C7042	1-162-966-11	CERAMIC CHIP	0.0022μF	10%	50V		
						C7043	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V		
						C7044	1-126-204-11	ELECT CHIP	47μF	20%	16V		
						C7045	1-162-966-11	CERAMIC CHIP	0.0022μF	10%	50V		
						C7046	1-162-966-11	CERAMIC CHIP	0.0022μF	10%	50V		




REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7047	1-162-966-11	CERAMIC CHIP	0.0022μF	10%	50V	C7110	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
C7048	1-162-966-11	CERAMIC CHIP	0.0022μF	10%	50V	C7111	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
C7051	1-127-573-11	CERAMIC CHIP	1μF	10%	16V	C7112	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
C7052	1-127-573-11	CERAMIC CHIP	1μF	10%	16V	C7113	1-112-797-11	ELECT CHIP	470μF	20%	25V
C7053	1-126-394-11	ELECT CHIP	10μF	20%	16V	C7114	1-112-800-11	ELECT CHIP	100μF	20%	35V
C7054	1-126-394-11	ELECT CHIP	10μF	20%	16V	C7115	1-112-800-11	ELECT CHIP	100μF	20%	35V
C7055	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C7116	1-112-800-11	ELECT CHIP	100μF	20%	35V
C7056	1-162-966-11	CERAMIC CHIP	0.0022μF	10%	50V	C7117	1-112-800-11	ELECT CHIP	100μF	20%	35V
C7057	1-126-396-11	ELECT CHIP	47μF	20%	16V	C7118	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C7060	1-115-416-11	CERAMIC CHIP	0.001μF	5%	25V	C7119	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C7061	1-115-416-11	CERAMIC CHIP	0.001μF	5%	25V	C7120	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C7062	1-115-416-11	CERAMIC CHIP	0.001μF	5%	25V	C7121	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C7063	1-115-416-11	CERAMIC CHIP	0.001μF	5%	25V	C7123	1-125-827-91	CERAMIC CHIP	1μF	10%	25V
C7064	1-115-416-11	CERAMIC CHIP	0.001μF	5%	25V	C7124	1-125-827-91	CERAMIC CHIP	1μF	10%	25V
C7065	1-115-416-11	CERAMIC CHIP	0.001μF	5%	25V	C7125	1-125-827-91	CERAMIC CHIP	1μF	10%	25V
C7072	1-128-536-11	ELECT CHIP	100μF	20%	25V	C7126	1-125-827-91	CERAMIC CHIP	1μF	10%	25V
C7073	1-126-396-11	ELECT CHIP	47μF	20%	16V	C7127	1-100-591-91	CERAMIC CHIP	1μF	10%	25V
C7075	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C7128	1-100-591-91	CERAMIC CHIP	1μF	10%	25V
C7076	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C7147	1-100-591-91	CERAMIC CHIP	1μF	10%	25V
C7082	1-115-416-11	CERAMIC CHIP	0.001μF	5%	25V	C7148	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C7083	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V	C7600	1-124-779-00	ELECT CHIP	10μF	20%	16V
C7086	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C7601	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C7087	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C7602	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C7088	1-126-394-11	ELECT CHIP	10μF	20%	16V	C7603	1-127-573-11	CERAMIC CHIP	1μF	10%	16V
C7089	1-126-394-11	ELECT CHIP	10μF	20%	16V	C7604	1-127-573-11	CERAMIC CHIP	1μF	10%	16V
C7090	1-126-394-11	ELECT CHIP	10μF	20%	16V	C7605	1-126-204-11	ELECT CHIP	47μF	20%	16V
C7091	1-126-394-11	ELECT CHIP	10μF	20%	16V	C7609	1-126-394-11	ELECT CHIP	10μF	20%	16V
C7092	1-162-965-11	CERAMIC CHIP	0.0015μF	10%	50V	C7610	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C7093	1-164-217-11	CERAMIC CHIP	150pF	5%	50V	C7611	1-124-779-00	ELECT CHIP	10μF	20%	16V
C7094	1-164-217-11	CERAMIC CHIP	150pF	5%	50V	C7612	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C7095	1-162-965-11	CERAMIC CHIP	0.0015μF	10%	50V	C7613	1-124-779-00	ELECT CHIP	10μF	20%	16V
C7096	1-162-965-11	CERAMIC CHIP	0.0015μF	10%	50V	C7614	1-124-779-00	ELECT CHIP	10μF	20%	16V
C7097	1-164-217-11	CERAMIC CHIP	150pF	5%	50V	C7615	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C7098	1-164-217-11	CERAMIC CHIP	150pF	5%	50V	C7616	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C7099	1-162-965-11	CERAMIC CHIP	0.0015μF	10%	50V	C7617	1-126-396-11	ELECT CHIP	47μF	20%	16V
C7100	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C7618	1-126-396-11	ELECT CHIP	47μF	20%	16V
C7101	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C7619	1-100-597-91	CERAMIC CHIP	0.1μF	10%	25V
C7102	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C9005	1-127-573-11	CERAMIC CHIP	1μF	10%	16V
C7103	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C9006	1-127-573-11	CERAMIC CHIP	1μF	10%	16V
C7104	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C9007	1-127-573-11	CERAMIC CHIP	1μF	10%	16V
C7105	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C9008	1-127-573-11	CERAMIC CHIP	1μF	10%	16V
C7106	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C9014	1-127-573-11	CERAMIC CHIP	1μF	10%	16V
C7107	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C9015	1-127-573-11	CERAMIC CHIP	1μF	10%	16V
C7108	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C9016	1-125-891-11	CERAMIC CHIP	0.47μF	10%	10V
C7109	1-162-959-11	CERAMIC CHIP	330pF	5%	50V	C9019	1-125-889-91	CERAMIC CHIP	2.2μF	10%	10V




REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
C9020	1-125-889-91	CERAMIC CHIP	2.2μF 10% 10V	D7013	8-719-404-50	DIODE	MA111-TX
C9021	1-125-889-91	CERAMIC CHIP	2.2μF 10% 10V	D7602	8-719-050-37	DIODE	M1MA152WA-T1
C9022	1-125-889-91	CERAMIC CHIP	2.2μF 10% 10V	D7603	8-719-050-37	DIODE	M1MA152WA-T1
C9023	1-127-573-11	CERAMIC CHIP	1μF 10% 16V	D7604	8-719-404-50	DIODE	MA111-TX
C9024	1-127-573-11	CERAMIC CHIP	1μF 10% 16V	D7605	8-719-404-50	DIODE	MA111-TX
C9032	1-115-416-11	CERAMIC CHIP	0.001μF 5% 25V	D9001	8-719-423-03	DIODE	MA8100
C9501	1-115-416-11	CERAMIC CHIP	0.001μF 5% 25V	D9002	8-719-423-03	DIODE	MA8100
C9502	1-115-416-11	CERAMIC CHIP	0.001μF 5% 25V	D9003	8-719-423-03	DIODE	MA8100
C9505	1-127-715-91	CERAMIC CHIP	0.22μF 10% 16V	D9004	8-719-423-03	DIODE	MA8100
C9506	1-127-715-91	CERAMIC CHIP	0.22μF 10% 16V	D9008	8-719-423-03	DIODE	MA8100
C9507	1-127-715-91	CERAMIC CHIP	0.22μF 10% 16V	D9009	8-719-423-03	DIODE	MA8100
C9508	1-127-715-91	CERAMIC CHIP	0.22μF 10% 16V	D9012	8-719-423-03	DIODE	MA8100
C9509	1-127-715-91	CERAMIC CHIP	0.22μF 10% 16V	D9013	8-719-423-03	DIODE	MA8100
C9510	1-127-715-91	CERAMIC CHIP	0.22μF 10% 16V	D9014	8-719-423-03	DIODE	MA8100
C9511	1-127-715-91	CERAMIC CHIP	0.22μF 10% 16V	D9015	8-719-423-03	DIODE	MA8100
C9512	1-115-416-11	CERAMIC CHIP	0.001μF 5% 25V	D9016	8-719-423-03	DIODE	MA8100
CONNECTOR				D9017	8-719-423-03	DIODE	MA8100
CN7000	1-819-461-11	HEADER ASSEMBLY FOR PWB		D9018	8-719-423-03	DIODE	MA8100
CN7001	1-780-148-11	CLIP, SHIELD		FERRITE BEAD			
CN7002	1-780-148-11	CLIP, SHIELD		FB7000	1-400-089-21	FERRITE	0μH
CN7501	1-820-184-11	HEADER ASSEMBLY (PRINT PWB)		FB7001	1-400-089-21	FERRITE	0μH
CN7502	1-820-185-11	HEADER ASSEMBLY (PRINT PWB)		FB7002	1-400-089-21	FERRITE	0μH
CN7503	1-820-211-11	HEADER ASSEMBLY FOR PWB		FB7003	1-400-089-21	FERRITE	0μH
CN9001	1-820-192-11	HEADER ASSEMBLY (PRINT PWB)	15P	FB7004	1-400-040-22	FERRITE	0μH
CN9501	1-819-390-51	FFC/FPC CONNECTOR (ZIF)	49P	FB7005	1-400-040-22	FERRITE	0μH
CN9502	1-820-186-11	HEADER ASSEMBLY (PRINT PWB)		FB7006	1-400-040-22	FERRITE	0μH
CN9521	1-780-336-11	EARTH TERMINAL		FB7007	1-400-040-22	FERRITE	0μH
CN9522	1-780-336-11	EARTH TERMINAL		FB7008	1-400-040-22	FERRITE	0μH
CN9523	1-780-336-11	EARTH TERMINAL		FB9003	1-216-864-11	SHORT CHIP	
DIODE				FB9100	1-400-089-21	FERRITE	0μH
D6001	8-719-058-24	DIODE	RB501V-40TE-17	FB9101	1-216-295-91	SHORT CHIP	
D7001	8-719-423-17	DIODE	MA8110	IC			
D7004	8-719-050-37	DIODE	M1MA152WA-T1	IC2001	8-752-089-33	IC	CXA2069Q-TL
D7005	8-719-404-50	DIODE	MA111-TX	IC7001	6-709-040-11	IC	MAP4400A-QA-B2-501-T
D7006	8-719-404-50	DIODE	MA111-TX	IC7003	8-759-278-58	IC	NJM4558V-TE2
D7007	8-719-404-50	DIODE	MA111-TX	IC7007	6-709-285-01	IC	M61571AFP-DF0T
D7009	6-500-884-01	DIODE	P6SMBJ30A-5	IC7601	8-759-278-58	IC	NJM4558V-TE2
D7010	6-500-884-01	DIODE	P6SMBJ30A-5	IC7602	8-759-359-49	IC	NJM3414AV(Te2)
D7011	6-500-884-01	DIODE	P6SMBJ30A-5	JACK			
D7012	6-500-884-01	DIODE	P6SMBJ30A-5	J9001	1-780-271-11	S CONNECTOR BLOCK	
				J9002	1-819-357-11	PHONO JACK	10P
				J9003	1-780-373-11	TERMINAL BOARD	

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
COIL							
L2002	1-469-557-21	INDUCTOR	22μH	Q7013	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16
L2003	1-469-555-21	INDUCTOR	10μH	Q7014	8-729-600-22	TRANSISTOR	2SA1235-F
L6001	1-469-555-21	INDUCTOR	10μH	Q7015	8-729-600-22	TRANSISTOR	2SA1235-F
L7002	1-400-794-21	FERRITE	0μH	Q7016	8-729-600-22	TRANSISTOR	2SA1235-F
L7004	1-400-794-21	FERRITE	0μH	Q7017	8-729-600-22	TRANSISTOR	2SA1235-F
L7005	1-469-555-21	INDUCTOR	10μH	Q7018	8-729-120-28	TRANSISTOR	2SC1623-L5L6
L7006	1-400-794-21	FERRITE	0μH	Q7019	8-729-029-14	TRANSISTOR	DTC144EUA-T106
L7007	1-469-555-21	INDUCTOR	10μH	Q7020	8-729-029-14	TRANSISTOR	DTC144EUA-T106
L7008	1-481-083-11	INDUCTOR	22μH	Q7021	8-729-028-96	TRANSISTOR	DTC114EUA-T106
L7009	1-457-106-11	INDUCTOR	10μH	Q7022	8-729-028-96	TRANSISTOR	DTC114EUA-T106
L7010	1-457-106-11	INDUCTOR	10μH	Q7602	8-729-600-22	TRANSISTOR	2SA1235-F
L7011	1-216-864-11	SHORT CHIP		Q7603	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16
L7012	1-400-794-21	FERRITE	0μH	Q7604	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16
L7013	1-400-794-21	FERRITE	0μH	Q7605	8-729-120-28	TRANSISTOR	2SC1623-L5L6
L9503	1-400-178-21	FERRITE	0μH	Q7606	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16
L9504	1-400-178-21	FERRITE	0μH	Q7607	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16
L9505	1-400-178-21	FERRITE	0μH	Q7608	8-729-029-14	TRANSISTOR	DTC144EUA-T106
L9606	1-216-295-91	SHORT CHIP		Q7609	8-729-600-22	TRANSISTOR	2SA1235-F
IC LINK				Q7610	8-729-120-28	TRANSISTOR	2SC1623-L5L6
 PS7001	1-576-958-21	FUSE	4A	Q7611	8-729-029-14	TRANSISTOR	DTC144EUA-T106
TRANSISTOR				RESISTOR			
Q2001	8-729-120-28	TRANSISTOR	2SC1623-L5L6	R2006	1-216-809-11	METAL CHIP	100 5% 1/10W
Q2002	8-729-120-28	TRANSISTOR	2SC1623-L5L6	R2007	1-216-809-11	METAL CHIP	100 5% 1/10W
Q6001	8-729-600-22	TRANSISTOR	2SA1235-F	R2014	1-216-864-11	SHORT CHIP	
Q6002	8-729-600-22	TRANSISTOR	2SA1235-F	R2015	1-216-864-11	SHORT CHIP	
Q6004	8-729-600-22	TRANSISTOR	2SA1235-F	R2017	1-216-864-11	SHORT CHIP	
Q6005	8-729-120-28	TRANSISTOR	2SC1623-L5L6	R2019	1-216-809-11	METAL CHIP	100 5% 1/10W
Q6007	8-729-120-28	TRANSISTOR	2SC1623-L5L6	R2020	1-216-809-11	METAL CHIP	100 5% 1/10W
Q6008	8-729-120-28	TRANSISTOR	2SC1623-L5L6	R2023	1-216-821-11	METAL CHIP	1K 5% 1/10W
Q6009	8-729-120-28	TRANSISTOR	2SC1623-L5L6	R2024	1-216-821-11	METAL CHIP	1K 5% 1/10W
Q6011	8-729-120-28	TRANSISTOR	2SC1623-L5L6	R2027	1-216-864-11	SHORT CHIP	
Q6012	8-729-120-28	TRANSISTOR	2SC1623-L5L6	R2028	1-216-864-11	SHORT CHIP	
Q6013	8-729-600-22	TRANSISTOR	2SA1235-F	R2030	1-216-809-11	METAL CHIP	100 5% 1/10W
Q7002	8-729-120-28	TRANSISTOR	2SC1623-L5L6	R2033	1-216-864-11	SHORT CHIP	
Q7005	8-729-600-22	TRANSISTOR	2SA1235-F	R2034	1-216-864-11	SHORT CHIP	
Q7007	8-729-029-14	TRANSISTOR	DTC144EUA-T106	R2037	1-216-817-11	METAL CHIP	470 5% 1/10W
Q7008	8-729-120-28	TRANSISTOR	2SC1623-L5L6	R2038	1-216-817-11	METAL CHIP	470 5% 1/10W
Q7009	8-729-600-22	TRANSISTOR	2SA1235-F	R2039	1-216-864-11	SHORT CHIP	
Q7010	8-729-029-14	TRANSISTOR	DTC144EUA-T106	R6001	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
Q7011	8-729-029-14	TRANSISTOR	DTC144EUA-T106	R6002	1-216-809-11	METAL CHIP	100 5% 1/10W
Q7012	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16	R6003	1-216-864-11	SHORT CHIP	







REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6004	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W	R7050	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R6007	1-218-887-11	METAL CHIP	47K	0.50%	1/10W	R7054	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6008	1-218-879-11	METAL CHIP	22K	0.50%	1/10W	R7055	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6009	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R7056	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R6012	1-216-817-11	METAL CHIP	470	5%	1/10W	R7057	1-218-875-11	METAL CHIP	15K	0.50%	1/10W
R6013	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R7059	1-218-875-11	METAL CHIP	15K	0.50%	1/10W
R6014	1-218-889-11	METAL CHIP	56K	0.50%	1/10W	R7061	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6017	1-216-857-11	METAL CHIP	1M	5%	1/10W	R7062	1-218-869-11	METAL CHIP	8.2K	0.50%	1/10W
R6020	1-218-871-11	METAL CHIP	10K	0.50%	1/10W	R7063	1-218-869-11	METAL CHIP	8.2K	0.50%	1/10W
R6021	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R7064	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6023	1-216-821-11	METAL CHIP	1K	5%	1/10W	R7066	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R6025	1-218-857-11	METAL CHIP	2.7K	0.50%	1/10W	R7067	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6026	1-216-821-11	METAL CHIP	1K	5%	1/10W	R7087	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6028	1-218-861-11	METAL CHIP	3.9K	0.50%	1/10W	R7088	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6029	1-218-861-11	METAL CHIP	3.9K	0.50%	1/10W	R7093	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6030	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R7101	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6032	1-216-857-11	METAL CHIP	1M	5%	1/10W	R7102	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6033	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R7103	1-218-865-11	METAL CHIP	5.6K	0.50%	1/10W
R6034	1-216-864-11	SHORT CHIP				R7111	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6037	1-216-821-11	METAL CHIP	1K	5%	1/10W	R7112	1-216-864-11	SHORT CHIP			
R6039	1-216-815-11	METAL CHIP	330	5%	1/10W	R7113	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R6040	1-216-864-11	SHORT CHIP				R7114	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W
R6051	1-216-857-11	METAL CHIP	1M	5%	1/10W	R7115	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R6052	1-216-809-11	METAL CHIP	100	5%	1/10W	R7116	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W
R7004	1-216-841-11	METAL CHIP	47K	5%	1/10W	R7117	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7011	1-216-845-11	METAL CHIP	100K	5%	1/10W	R7118	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R7012	1-216-864-11	SHORT CHIP				R7119	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R7014	1-216-841-11	METAL CHIP	47K	5%	1/10W	R7120	1-216-864-11	SHORT CHIP			
R7015	1-216-841-11	METAL CHIP	47K	5%	1/10W	R7122	1-216-864-11	SHORT CHIP			
R7017	1-216-833-11	METAL CHIP	10K	5%	1/10W	R7124	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R7018	1-216-864-11	SHORT CHIP				R7125	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R7019	1-216-864-11	SHORT CHIP				R7126	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R7020	1-216-841-11	METAL CHIP	47K	5%	1/10W	R7127	1-218-879-11	METAL CHIP	22K	0.50%	1/10W
R7031	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W	R7128	1-218-901-11	METAL CHIP	180K	0.50%	1/10W
R7032	1-218-875-11	METAL CHIP	15K	0.50%	1/10W	R7129	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R7033	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W	R7130	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R7034	1-218-875-11	METAL CHIP	15K	0.50%	1/10W	R7131	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R7035	1-216-845-11	METAL CHIP	100K	5%	1/10W	R7132	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R7037	1-216-833-11	METAL CHIP	10K	5%	1/10W	R7133	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R7039	1-218-873-11	METAL CHIP	12K	0.50%	1/10W	R7134	1-216-296-11	SHORT CHIP			
R7040	1-218-875-11	METAL CHIP	15K	0.50%	1/10W	R7135	1-216-296-11	SHORT CHIP			
R7041	1-216-833-11	METAL CHIP	10K	5%	1/10W	R7136	1-216-296-11	SHORT CHIP			
R7045	1-216-833-11	METAL CHIP	10K	5%	1/10W	R7137	1-216-296-11	SHORT CHIP			
R7047	1-216-833-11	METAL CHIP	10K	5%	1/10W	R7138	1-216-800-11	METAL CHIP	18	5%	1/10W
R7049	1-216-841-11	METAL CHIP	47K	5%	1/10W	R7139	1-216-800-11	METAL CHIP	18	5%	1/10W



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7140	1-216-800-11	METAL CHIP	18	5%	1/10W	R7643	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7141	1-216-800-11	METAL CHIP	18	5%	1/10W	R7644	1-216-813-11	METAL CHIP	220	5%	1/10W
R7142	1-216-845-11	METAL CHIP	100K	5%	1/10W	R7646	1-216-813-11	METAL CHIP	220	5%	1/10W
R7143	1-216-845-11	METAL CHIP	100K	5%	1/10W	R7650	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7144	1-216-845-11	METAL CHIP	100K	5%	1/10W	R7651	1-216-864-11	SHORT CHIP			
R7145	1-216-845-11	METAL CHIP	100K	5%	1/10W	R7652	1-216-864-11	SHORT CHIP			
R7146	1-216-845-11	METAL CHIP	100K	5%	1/10W	R7653	1-216-864-11	SHORT CHIP			
R7147	1-216-845-11	METAL CHIP	100K	5%	1/10W	R7654	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7152	1-216-833-11	METAL CHIP	10K	5%	1/10W	R7655	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R7153	1-216-845-11	METAL CHIP	100K	5%	1/10W	R7656	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R7154	1-216-845-11	METAL CHIP	100K	5%	1/10W	R7657	1-216-837-11	METAL CHIP	22K	5%	1/10W
R7155	1-216-864-11	SHORT CHIP				R7658	1-216-857-11	METAL CHIP	1M	5%	1/10W
R7156	1-216-841-11	METAL CHIP	47K	5%	1/10W	R7659	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7158	1-216-833-11	METAL CHIP	10K	5%	1/10W	R7660	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7501	1-414-445-11	FERRITE	0μH			R7661	1-216-864-11	SHORT CHIP			
R7503	1-216-864-11	SHORT CHIP				R7662	1-216-841-11	METAL CHIP	47K	5%	1/10W
R7504	1-216-864-11	SHORT CHIP				R7663	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7600	1-216-864-11	SHORT CHIP				R7682	1-216-864-11	SHORT CHIP			
R7601	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R7683	1-216-864-11	SHORT CHIP			
R7602	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R7684	1-216-864-11	SHORT CHIP			
R7603	1-218-873-11	METAL CHIP	12K	0.50%	1/10W	R9004	1-216-853-11	METAL CHIP	470K	5%	1/10W
R7604	1-218-875-11	METAL CHIP	15K	0.50%	1/10W	R9005	1-216-853-11	METAL CHIP	470K	5%	1/10W
R7605	1-216-841-11	METAL CHIP	47K	5%	1/10W	R9006	1-216-853-11	METAL CHIP	470K	5%	1/10W
R7606	1-216-841-11	METAL CHIP	47K	5%	1/10W	R9007	1-216-853-11	METAL CHIP	470K	5%	1/10W
R7614	1-216-833-11	METAL CHIP	10K	5%	1/10W	R9008	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R7615	1-218-873-11	METAL CHIP	12K	0.50%	1/10W	R9009	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R7620	1-218-871-11	METAL CHIP	10K	0.50%	1/10W	R9010	1-216-864-11	SHORT CHIP			
R7621	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W	R9011	1-216-864-11	SHORT CHIP			
R7622	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W	R9012	1-216-864-11	SHORT CHIP			
R7623	1-218-871-11	METAL CHIP	10K	0.50%	1/10W	R9013	1-216-864-11	SHORT CHIP			
R7626	1-216-845-11	METAL CHIP	100K	5%	1/10W	R9014	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R7627	1-216-845-11	METAL CHIP	100K	5%	1/10W	R9015	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R7628	1-216-844-11	METAL CHIP	82K	5%	1/10W	R9016	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R7629	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	R9017	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R7630	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	R9018	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R7631	1-216-844-11	METAL CHIP	82K	5%	1/10W	R9019	1-216-853-11	METAL CHIP	470K	5%	1/10W
R7632	1-218-887-11	METAL CHIP	47K	0.50%	1/10W	R9020	1-216-853-11	METAL CHIP	470K	5%	1/10W
R7633	1-218-887-11	METAL CHIP	47K	0.50%	1/10W	R9021	1-216-853-11	METAL CHIP	470K	5%	1/10W
R7634	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W	R9022	1-216-853-11	METAL CHIP	470K	5%	1/10W
R7635	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W	R9023	1-216-864-11	SHORT CHIP			
R7636	1-216-837-11	METAL CHIP	22K	5%	1/10W	R9024	1-216-864-11	SHORT CHIP			
R7637	1-216-857-11	METAL CHIP	1M	5%	1/10W	R9025	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R7639	1-216-845-11	METAL CHIP	100K	5%	1/10W	R9026	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R7641	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R9027	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R7642	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R9028	1-218-831-11	METAL CHIP	220	0.50%	1/10W

AU BU

BU

		A-1258-529-A	BU BOARD, COMPLETE (KDL-32S2400 ONLY)
		A-1258-530-A	BU BOARD, COMPLETE (KDL-40S2400 ONLY)

CONTACT TERMINAL

A5001 1-694-974-21 CONTACT TERMINAL

CAPACITOR

C1003	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C1004	1-162-974-11	CERAMIC CHIP	0.01μF		50V
C1005	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C1006	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C1007	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V




REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C1010	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C1081	1-126-391-11	ELECT CHIP	47μF	20%	6.3V
C1011	1-126-206-11	ELECT CHIP	100μF	20%	6.3V	C1082	1-126-394-11	ELECT CHIP	10μF	20%	16V
C1012	1-100-591-91	CERAMIC CHIP	1μF	10%	25V	C1083	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C1015	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C1084	1-115-416-11	CERAMIC CHIP	0.001μF	5%	25V
C1016	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C1087	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C1017	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C1091	1-126-396-11	ELECT CHIP	47μF	20%	16V
C1018	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C1092	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C1019	1-162-912-11	CERAMIC CHIP	7pF	0.50pF	50V	C1093	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C1022	1-126-392-11	ELECT CHIP	100μF	20%	6.3V	C1094	1-117-681-11	ELECT CHIP	100μF	20%	16V
C1023	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C1100	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C1024	1-126-392-11	ELECT CHIP	100μF	20%	6.3V	C1110	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C1027	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C1701	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C1029	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C4700	1-117-681-11	ELECT CHIP	100μF	20%	16V
C1033	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C4701	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C1035	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C4702	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C1036	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	C5000	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C1044	1-100-591-91	CERAMIC CHIP	1μF	10%	25V	C5002	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C1046	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C5003	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C1047	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C5005	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C1048	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C5006	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C1049	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C5007	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C1050	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C5009	1-162-905-11	CERAMIC CHIP	1pF	0.25pF	50V
C1051	1-126-394-11	ELECT CHIP	10μF	20%	16V	C5010	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C1052	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C5011	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C1053	1-126-394-11	ELECT CHIP	10μF	20%	16V	C5012	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C1054	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C5013	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C1056	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C5014	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C1057	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C5015	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C1060	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C5016	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C1061	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C5017	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C1062	1-126-394-11	ELECT CHIP	10μF	20%	16V	C5018	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C1063	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C5019	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C1066	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C5020	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C1067	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C5021	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C1068	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C5022	1-162-905-11	CERAMIC CHIP	1pF	0.25pF	50V
C1069	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C5023	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C1070	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V	C5024	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C1071	1-162-927-11	CERAMIC CHIP	100pF	5%	50V	C5025	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C1072	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C5027	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C1073	1-126-390-11	ELECT CHIP	22μF	20%	6.3V	C5028	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C1074	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C5032	1-127-715-91	CERAMIC CHIP	0.22μF	10%	16V
C1075	1-162-966-11	CERAMIC CHIP	0.0022μF	10%	50V	C5033	1-117-681-11	ELECT CHIP	100μF	20%	16V
C1076	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	C5201	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C1079	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C5202	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C1080	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C5204	1-126-392-11	ELECT CHIP	100μF	20%	6.3V




REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C5205	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C5281	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C5208	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C5502	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C5209	1-126-392-11	ELECT CHIP	100μF	20%	6.3V	C5503	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C5211	1-126-392-11	ELECT CHIP	100μF	20%	6.3V	C5504	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C5212	1-162-979-11	CERAMIC CHIP	0.0027μF	10%	50V	C5506	1-126-392-11	ELECT CHIP	100μF	20%	6.3V
C5213	1-162-979-11	CERAMIC CHIP	0.0027μF	10%	50V	C5507	1-162-968-11	CERAMIC CHIP	0.0047μF	10%	50V
C5216	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C5508	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C5217	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C5510	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C5218	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C5512	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C5219	1-126-392-11	ELECT CHIP	100μF	20%	6.3V	C5513	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C5220	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C5514	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C5221	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C6000	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C5222	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C6001	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C5224	1-126-392-11	ELECT CHIP	100μF	20%	6.3V	C6002	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C5225	1-162-960-11	CERAMIC CHIP	220pF	10%	50V	C6003	1-127-573-11	CERAMIC CHIP	1μF	10%	16V
C5226	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C6004	1-127-573-11	CERAMIC CHIP	1μF	10%	16V
C5230	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C6005	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C5231	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C6006	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C5234	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C6008	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C5236	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C6009	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C5237	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C6012	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C5239	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C6013	1-127-573-11	CERAMIC CHIP	1μF	10%	16V
C5240	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C6014	1-127-573-11	CERAMIC CHIP	1μF	10%	16V
C5241	1-126-392-11	ELECT CHIP	100μF	20%	6.3V	C7000	1-100-591-91	CERAMIC CHIP	1μF	10%	25V
C5246	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C7001	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
C5250	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C7002	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
C5252	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C7003	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C5253	1-126-392-11	ELECT CHIP	100μF	20%	6.3V	C7004	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C5254	1-126-392-11	ELECT CHIP	100μF	20%	6.3V	C7005	1-162-966-11	CERAMIC CHIP	0.0022μF	10%	50V
C5255	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C7006	1-162-966-11	CERAMIC CHIP	0.0022μF	10%	50V
C5256	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C7007	1-100-552-21	ELECT CHIP	10μF	20%	25V
C5257	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C7008	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C5258	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C7009	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C5259	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C7010	1-127-573-11	CERAMIC CHIP	1μF	10%	16V
C5260	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C7011	1-128-536-11	ELECT CHIP	100μF	20%	25V
C5262	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C7012	1-110-648-11	ELECT CHIP	220μF	20%	25V
C5265	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C7013	1-100-591-91	CERAMIC CHIP	1μF	10%	25V
C5269	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C7014	1-100-591-91	CERAMIC CHIP	1μF	10%	25V
C5270	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C7015	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C5271	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C7016	1-100-591-91	CERAMIC CHIP	1μF	10%	25V
C5273	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C7017	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C5274	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C7023	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C5278	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C7025	1-125-827-91	CERAMIC CHIP	1μF	10%	25V
C5279	1-125-837-91	CERAMIC CHIP	1μF	10%	6.3V	C7026	1-125-827-91	CERAMIC CHIP	1μF	10%	25V
C5280	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C7027	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V






REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7028	1-112-794-11	ELECT CHIP	470μF	20%	16V	C9042	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C7030	1-112-794-11	ELECT CHIP	470μF	20%	16V						
C7031	1-100-551-21	ELECT CHIP	22μF	20%	20V			CONNECTOR			
C7032	1-165-673-21	ELECT CHIP	56μF	20%	10V	CN1001	1-819-390-51	FFC/FPC CONNECTOR (ZIF)			49P
C7034	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	CN1002	1-819-447-11	HEADER ASSEMBLY FOR PWB			
						CN1004	1-779-936-51	CONNECTOR, FFC/FPC			18P
C7035	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	CN1007	1-819-336-11	HEADER ASSEMBLY FOR PWB			
C7036	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V	CN1008	1-820-187-11	HEADER ASSEMBLY (PRINT PWB)			10P
C7037	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V						
C7040	1-126-392-11	ELECT CHIP	100μF	20%	6.3V	CN1700	1-820-187-11	HEADER ASSEMBLY (PRINT PWB)			10P
C7041	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	CN4701	1-819-461-11	HEADER ASSEMBLY FOR PWB			
						CN4702	1-820-252-51	FFC/FPC CONNECTOR (ZIF)			40P
C7042	1-126-392-11	ELECT CHIP	100μF	20%	6.3V	* CN5000	1-820-235-11	HEADER ASSEMBLY			30P
C7045	1-131-661-21	ELECT CHIP	100μF	20%	10V	CN6000	1-818-937-11	D SUB CONNECTOR			15P
C7047	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V						
C7051	1-135-595-11	ELECT	100μF	20%	6.3V	CN7002	1-780-336-11	EARTH TERMINAL			
C7052	1-165-673-21	ELECT CHIP	56μF	20%	10V	CN7003	1-780-336-11	EARTH TERMINAL			
						CN7004	1-780-336-11	EARTH TERMINAL			
C7054	1-100-597-91	CERAMIC CHIP	0.1μF	10%	25V	CN7005	1-780-336-11	EARTH TERMINAL			
C7056	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V	CN7008	1-820-186-11	HEADER ASSEMBLY (PRINT PWB)			
C7057	1-127-760-11	CERAMIC CHIP	4.7μF	10%	6.3V						
C7058	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V	CN7009	1-820-184-11	HEADER ASSEMBLY (PRINT PWB)			
C7100	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	CN9000	1-818-737-11	HDMI CONNECTOR			
								DIODE			
C7101	1-110-648-11	ELECT CHIP	220μF	20%	25V	D1002	8-719-058-24	DIODE			RB501V-40TE-17
C7521	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V	D1006	8-719-404-50	DIODE			MA111-TX
C9002	1-124-779-00	ELECT CHIP	10μF	20%	16V	D1007	8-719-077-59	DIODE			1PS302
C9003	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	D1020	8-719-422-46	DIODE			MA8056
C9004	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	D1021	8-719-422-46	DIODE			MA8056
C9005	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	D6000	8-719-422-46	DIODE			MA8056
C9006	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	D6001	8-719-422-46	DIODE			MA8056
C9007	1-127-573-11	CERAMIC CHIP	1μF	10%	16V	D6002	8-719-422-46	DIODE			MA8056
C9008	1-127-573-11	CERAMIC CHIP	1μF	10%	16V	D6003	8-719-050-38	DIODE			M1MA152WK-T1
C9009	1-100-567-81	CERAMIC CHIP	0.01μF	10%	25V	D7000	8-719-404-50	DIODE			MA111-TX
C9011	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	D7001	6-501-336-01	DIODE			RSX201L-30TE25
C9012	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	D7003	8-719-404-50	DIODE			MA111-TX
C9013	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	D7004	8-719-072-43	DIODE			RB050L-40TE25
C9014	1-124-779-00	ELECT CHIP	10μF	20%	16V	D7005	8-719-072-43	DIODE			RB050L-40TE25
C9030	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	D7006	6-501-336-01	DIODE			RSX201L-30TE25
C9031	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V	D7008	8-719-068-71	DIODE			PTZ-TE25-13A
C9032	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V	D7009	8-719-073-69	DIODE			PTZ-TE25-6.2A
C9033	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	D7010	8-719-017-58	DIODE			MA8068
C9034	1-126-396-11	ELECT CHIP	47μF	20%	16V	D7014	8-719-017-58	DIODE			MA8068
C9035	1-127-573-11	CERAMIC CHIP	1μF	10%	16V	D7500	8-719-056-84	DIODE			UDZ-TE-17-7.5B
C9036	1-127-573-11	CERAMIC CHIP	1μF	10%	16V	D7508	8-719-404-50	DIODE			MA111-TX
C9037	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V	D7509	8-719-404-50	DIODE			MA111-TX
C9038	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V	D7510	8-719-404-50	DIODE			MA111-TX
C9039	1-115-412-11	CERAMIC CHIP	680pF	5%	25V	D9004	8-719-404-50	DIODE			MA111-TX
C9040	1-115-412-11	CERAMIC CHIP	680pF	5%	25V						


NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.




REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
D9013	8-719-404-50	DIODE	MA111-TX	IC			
D9014	8-719-050-37	DIODE	M1MA152WA-T1	IC1001	6-708-219-01	IC	MB91305PMC-G-BNDE1
D9015	8-719-404-50	DIODE	MA111-TX	IC1002	6-806-427-11	IC	S29AL016D70TFI010-WAX2U11
FUSE				IC1004	6-703-175-01	IC	PST3629UL
 F7000	1-576-603-21	FUSE	3.15A 24V	IC1005	6-710-121-01	IC	M24256-BWMN6TP(A)
FERRITE BEAD				IC1006	6-709-512-01	IC	S-1132B18-M5T1G
FB1001	1-414-227-11	FERRITE	0μH	IC1007	6-706-815-01	IC	TMP75AIDR
FB1002	1-400-110-21	FERRITE	0μH	IC1008	8-759-549-03	IC	SN74LV132APWR
FB1004	1-400-110-21	FERRITE	0μH	IC1009	6-709-517-01	IC	S-35390A-J8T1G
FB1005	1-400-110-21	FERRITE	0μH	IC1010	8-759-460-79	IC	BA09FP-E2
FB1006	1-400-110-21	FERRITE	0μH	IC5201	8-759-651-59	IC	SN74CBTLV3245APWR
FB1007	1-400-110-21	FERRITE	0μH	IC5202	8-759-651-59	IC	SN74CBTLV3245APWR
FB1720	1-400-141-22	FERRITE	0μH	IC5203	6-706-491-01	IC	TC7SH86FU(T5RSOYJF)
FB1721	1-400-141-22	FERRITE	0μH	IC5500	6-707-822-01	IC	EM6A9320BI-5MG
FB5201	1-400-794-21	FERRITE	0μH	IC6000	6-704-600-01	IC	M24C02-WMN6T(B)
FB6000	1-469-100-21	FERRITE	0μH	IC6001	8-759-679-54	IC	SN74LVC14APWR
FB6001	1-469-100-21	FERRITE	0μH	 IC7000	6-707-927-01	IC	BD9775FV
FB6002	1-469-100-21	FERRITE	0μH	IC7001	6-709-441-01	IC	SI8008TM-TL
FB6004	1-469-100-21	FERRITE	0μH	IC7002	6-709-441-01	IC	SI8008TM-TL
FB6005	1-400-141-22	FERRITE	0μH	IC7004	6-708-862-01	IC	MM1662FTRE
FB7001	1-414-445-11	FERRITE	0μH	IC7005	6-705-469-01	IC	BA50BC0FP-E2
FB7002	1-414-445-11	FERRITE	0μH	IC9000	6-704-819-01	IC	CS4335-KSZR
FB7003	1-414-445-11	FERRITE	0μH	IC9001	6-704-001-01	IC	BR24L02F-WE2
FB7005	1-400-110-21	FERRITE	0μH	IC9002	6-708-758-01	IC	PCA9517DP.118
FB7006	1-400-110-21	FERRITE	0μH	* IC9711	6-703-108-01	IC	SN74LVC2G04DCKR
FB7007	1-400-110-21	FERRITE	0μH	JACK			
FB7008	1-400-110-21	FERRITE	0μH	J6000	1-750-925-11	JACK (SMALL TYPE)	
FB7011	1-400-794-21	FERRITE	0μH	COIL			
FB9000	1-469-094-21	FERRITE	0μH	L1002	1-400-794-21	FERRITE	0μH
FILTER				L5000	1-456-984-11	INDUCTOR	0μH
FL1001	1-234-177-21	FERRITE	0μH	L5001	1-456-984-11	INDUCTOR	0μH
FL5201	1-234-177-21	FERRITE	0μH	L5002	1-456-984-11	INDUCTOR	0μH
FL5203	1-234-177-21	FERRITE	0μH	L5003	1-456-984-11	INDUCTOR	0μH
FL5206	1-234-177-21	FERRITE	0μH	L5004	1-456-984-11	INDUCTOR	0μH
FL5207	1-234-177-21	FERRITE	0μH	L5005	1-400-177-21	FERRITE	0μH
FL5500	1-234-177-21	FERRITE	0μH	L5006	1-469-561-21	INDUCTOR	100μH
FL5501	1-234-177-21	FERRITE	0μH	L5201	1-400-794-21	FERRITE	0μH
FL9000	1-234-177-21	FERRITE	0μH	L5202	1-412-054-21	INDUCTOR	2.2μH
FL9001	1-234-177-21	FERRITE	0μH	L5203	1-469-551-21	INDUCTOR	2.2μH
				L5205	1-469-551-21	INDUCTOR	2.2μH
				L5206	1-469-551-21	INDUCTOR	2.2μH
				L5500	1-400-794-21	FERRITE	0μH
				L5501	1-400-794-21	FERRITE	0μH

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
L7000	1-416-740-11	INDUCTOR	10μH	Q9003	8-729-028-96	TRANSISTOR	DTC114EUA-T106
L7001	1-457-041-21	INDUCTOR	10μH	Q9004	8-729-120-28	TRANSISTOR	2SC1623-L5L6
L7002	1-481-081-11	INDUCTOR	47μH	Q9005	8-729-120-28	TRANSISTOR	2SC1623-L5L6
L7003	1-481-080-11	INDUCTOR	22μH	Q9006	8-729-028-96	TRANSISTOR	DTC114EUA-T106
L7004	1-481-083-11	INDUCTOR	22μH	Q9007	6-551-364-01	TRANSISTOR	DTC614TUT106
L7005	1-456-786-21	INDUCTOR	47μH	Q9008	6-551-364-01	TRANSISTOR	DTC614TUT106
L7006	1-412-056-11	INDUCTOR	4.7μH	Q9009	8-729-600-22	TRANSISTOR	2SA1235-F
L7007	1-416-740-11	INDUCTOR	10μH	Q9010	8-729-120-28	TRANSISTOR	2SC1623-L5L6
* L9000	1-813-308-11	INDUCTOR	0μH	RESISTOR			
* L9001	1-813-308-11	INDUCTOR	0μH	R1001	1-216-864-11	SHORT CHIP	
* L9002	1-813-308-11	INDUCTOR	0μH	R1002	1-218-990-81	SHORT CHIP	
* L9003	1-813-308-11	INDUCTOR	0μH	R1005	1-208-683-11	METAL CHIP	1K 0.50% 1/16W
L9004	1-469-555-21	INDUCTOR	10μH	R1007	1-216-864-11	SHORT CHIP	
L9005	1-469-555-21	INDUCTOR	10μH	R1010	1-218-990-81	SHORT CHIP	
IC LINK				R1011	1-216-864-11	SHORT CHIP	
PS6000	1-576-122-21	IC LINK	0.4A 72V	R1012	1-216-864-11	SHORT CHIP	
 PS7000	1-576-603-21	FUSE	3.15A 24V	R1013	1-216-801-11	METAL CHIP	22 5% 1/10W
TRANSISTOR				R1014	1-216-801-11	METAL CHIP	22 5% 1/10W
Q1001	6-551-387-01	TRANSISTOR	SSM6N16FU	R1015	1-216-864-11	SHORT CHIP	
Q1002	8-729-029-00	TRANSISTOR	DTC115EUA-T106	R1016	1-216-801-11	METAL CHIP	22 5% 1/10W
Q1003	8-729-028-74	TRANSISTOR	DTA114TUA-T106	R1017	1-216-801-11	METAL CHIP	22 5% 1/10W
Q1004	8-729-013-28	TRANSISTOR	HN1B01FU-TE85R	R1018	1-216-864-11	SHORT CHIP	
Q1005	8-729-028-74	TRANSISTOR	DTA114TUA-T106	R1019	1-216-864-11	SHORT CHIP	
Q1006	8-729-029-04	TRANSISTOR	DTC123JUA-T106	R1021	1-216-801-11	METAL CHIP	22 5% 1/10W
Q1007	8-729-028-96	TRANSISTOR	DTC114EUA-T106	R1022	1-216-801-11	METAL CHIP	22 5% 1/10W
Q5000	8-729-602-36	TRANSISTOR	2SA1602-F	R1023	1-216-801-11	METAL CHIP	22 5% 1/10W
Q5001	8-729-602-36	TRANSISTOR	2SA1602-F	R1024	1-216-801-11	METAL CHIP	22 5% 1/10W
Q6000	8-729-120-28	TRANSISTOR	2SC1623-L5L6	R1025	1-216-864-11	SHORT CHIP	
Q6001	8-729-120-28	TRANSISTOR	2SC1623-L5L6	R1026	1-216-801-11	METAL CHIP	22 5% 1/10W
Q7000	8-729-046-04	TRANSISTOR	FDS6690A	R1027	1-400-591-22	FERRITE	0μH
Q7001	6-550-828-01	TRANSISTOR	RSQ035P03TR	R1031	1-218-887-11	METAL CHIP	47K 0.50% 1/10W
Q7005	6-550-851-01	TRANSISTOR	RSS050P03FTB	R1032	1-400-807-21	FERRITE	0μH
Q7007	8-729-602-21	TRANSISTOR	2SC4154-F	R1034	1-218-863-11	METAL CHIP	4.7K 0.50% 1/10W
Q7008	8-729-028-96	TRANSISTOR	DTC114EUA-T106	R1035	1-216-864-11	SHORT CHIP	
* Q7009	6-550-663-01	TRANSISTOR	RSS100N03TB	R1036	1-218-965-11	RES-CHIP	10K 5% 1/16W
Q7500	8-729-028-96	TRANSISTOR	DTC114EUA-T106	R1037	1-218-867-11	METAL CHIP	6.8K 0.50% 1/10W
Q7502	8-729-028-96	TRANSISTOR	DTC114EUA-T106	R1038	1-218-965-11	RES-CHIP	10K 5% 1/16W
Q7503	8-729-028-96	TRANSISTOR	DTC114EUA-T106	R1045	1-218-965-11	RES-CHIP	10K 5% 1/16W
Q7504	8-729-028-96	TRANSISTOR	DTC114EUA-T106	R1046	1-218-871-11	METAL CHIP	10K 0.50% 1/10W
Q7505	8-729-028-96	TRANSISTOR	DTC114EUA-T106	R1047	1-218-871-11	METAL CHIP	10K 0.50% 1/10W
Q7506	8-729-028-96	TRANSISTOR	DTC114EUA-T106	R1048	1-218-871-11	METAL CHIP	10K 0.50% 1/10W
Q9000	8-729-028-96	TRANSISTOR	DTC114EUA-T106	R1049	1-218-965-11	RES-CHIP	10K 5% 1/16W
Q9001	8-729-025-28	TRANSISTOR	2SK1828	R1052	1-218-941-81	RES-CHIP	100 5% 1/16W
				R1053	1-218-990-81	SHORT CHIP	



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R1058	1-218-990-81	SHORT CHIP				R1169	1-216-864-11	SHORT CHIP			
R1061	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1170	1-400-794-21	FERRITE	0μH		
R1064	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1180	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1065	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1183	1-218-990-81	SHORT CHIP			
R1066	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1186	1-218-990-81	SHORT CHIP			
R1070	1-216-864-11	SHORT CHIP				R1188	1-218-990-81	SHORT CHIP			
R1073	1-218-990-81	SHORT CHIP				R1190	1-208-886-81	METAL CHIP	910	0.50%	1/16W
R1075	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1191	1-218-969-11	RES-CHIP	22K	5%	1/16W
R1076	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1192	1-218-941-81	RES-CHIP	100	5%	1/16W
R1078	1-218-990-81	SHORT CHIP				R1193	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1079	1-400-807-21	FERRITE	0μH			R1195	1-218-990-81	SHORT CHIP			
R1080	1-400-807-21	FERRITE	0μH			R1196	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1081	1-400-807-21	FERRITE	0μH			R1198	1-218-990-81	SHORT CHIP			
R1082	1-400-807-21	FERRITE	0μH			R1199	1-218-941-81	RES-CHIP	100	5%	1/16W
R1083	1-400-807-21	FERRITE	0μH			R1205	1-218-990-81	SHORT CHIP			
R1084	1-400-807-21	FERRITE	0μH			R1206	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1085	1-400-807-21	FERRITE	0μH			R1207	1-218-949-11	RES-CHIP	470	5%	1/16W
R1087	1-216-864-11	SHORT CHIP				R1208	1-218-990-81	SHORT CHIP			
R1101	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	R1209	1-218-990-81	SHORT CHIP			
R1107	1-218-941-81	RES-CHIP	100	5%	1/16W	R1210	1-218-949-11	RES-CHIP	470	5%	1/16W
R1108	1-218-941-81	RES-CHIP	100	5%	1/16W	R1211	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1109	1-218-941-81	RES-CHIP	100	5%	1/16W	R1212	1-218-949-11	RES-CHIP	470	5%	1/16W
R1110	1-218-941-81	RES-CHIP	100	5%	1/16W	R1218	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R1111	1-218-933-11	RES-CHIP	22	5%	1/16W	R1223	1-218-945-11	RES-CHIP	220	5%	1/16W
R1112	1-218-941-81	RES-CHIP	100	5%	1/16W	R1224	1-218-990-81	SHORT CHIP			
R1113	1-218-933-11	RES-CHIP	22	5%	1/16W	R1225	1-218-937-11	RES-CHIP	47	5%	1/16W
R1115	1-218-941-81	RES-CHIP	100	5%	1/16W	R1226	1-216-813-11	METAL CHIP	220	5%	1/10W
R1116	1-218-990-81	SHORT CHIP				R1227	1-218-937-11	RES-CHIP	47	5%	1/16W
R1117	1-218-941-81	RES-CHIP	100	5%	1/16W	R1235	1-216-864-11	SHORT CHIP			
R1119	1-218-941-81	RES-CHIP	100	5%	1/16W	R1239	1-216-864-11	SHORT CHIP			
R1122	1-216-864-11	SHORT CHIP				R1240	1-216-849-11	METAL CHIP	220K	5%	1/10W
R1123	1-216-864-11	SHORT CHIP				R1242	1-218-941-81	RES-CHIP	100	5%	1/16W
R1124	1-216-864-11	SHORT CHIP				R1243	1-216-809-11	METAL CHIP	100	5%	1/10W
R1125	1-216-864-11	SHORT CHIP				R1246	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1144	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R1247	1-216-864-11	SHORT CHIP			
R1147	1-218-941-81	RES-CHIP	100	5%	1/16W	R1255	1-400-591-22	FERRITE	0μH		
R1158	1-218-941-81	RES-CHIP	100	5%	1/16W	R1256	1-400-591-22	FERRITE	0μH		
R1160	1-218-941-81	RES-CHIP	100	5%	1/16W	R1257	1-400-591-22	FERRITE	0μH		
R1161	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1258	1-400-591-22	FERRITE	0μH		
R1162	1-218-973-11	RES-CHIP	47K	5%	1/16W	R1259	1-400-591-22	FERRITE	0μH		
R1163	1-218-941-81	RES-CHIP	100	5%	1/16W	R1260	1-400-591-22	FERRITE	0μH		
R1164	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1261	1-400-591-22	FERRITE	0μH		
R1165	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1262	1-400-591-22	FERRITE	0μH		
R1167	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1263	1-400-591-22	FERRITE	0μH		
R1168	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1264	1-400-591-22	FERRITE	0μH		




REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R1265	1-400-591-22	FERRITE	0μH			R5047	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1266	1-216-864-11	SHORT CHIP				R5210	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R1267	1-400-591-22	FERRITE	0μH			R5211	1-218-990-81	SHORT CHIP			
R1270	1-218-941-81	RES-CHIP	100	5%	1/16W	R5212	1-218-973-11	RES-CHIP	47K	5%	1/16W
R1290	1-218-990-81	SHORT CHIP				R5214	1-218-933-11	RES-CHIP	22	5%	1/16W
R1295	1-208-721-11	METAL CHIP	39K	0.50%	1/16W	R5215	1-218-933-11	RES-CHIP	22	5%	1/16W
R1701	1-216-848-11	METAL CHIP	180K	5%	1/10W	R5218	1-216-864-11	SHORT CHIP			
R1702	1-216-809-11	METAL CHIP	100	5%	1/10W	R5221	1-216-864-11	SHORT CHIP			
R1703	1-216-809-11	METAL CHIP	100	5%	1/10W	R5222	1-216-864-11	SHORT CHIP			
R1707	1-218-990-81	SHORT CHIP				R5223	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1708	1-218-990-81	SHORT CHIP				R5224	1-218-990-81	SHORT CHIP			
R1709	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5225	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1710	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5226	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1711	1-218-983-11	RES-CHIP	330K	5%	1/16W	R5500	1-400-794-21	FERRITE	0μH		
R4711	1-218-937-11	RES-CHIP	47	5%	1/16W	R5503	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
R4712	1-218-937-11	RES-CHIP	47	5%	1/16W	R5504	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
R4713	1-218-933-11	RES-CHIP	22	5%	1/16W	R5505	1-218-990-81	SHORT CHIP			
R4714	1-218-937-11	RES-CHIP	47	5%	1/16W	R5506	1-211-986-11	METAL CHIP	51	0.50%	1/10W
R4715	1-216-295-91	SHORT CHIP				R5507	1-218-990-81	SHORT CHIP			
R5000	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R5508	1-218-933-11	RES-CHIP	22	5%	1/16W
R5002	1-218-949-11	RES-CHIP	470	5%	1/16W	R5509	1-211-986-11	METAL CHIP	51	0.50%	1/10W
R5003	1-218-990-81	SHORT CHIP				R5510	1-218-933-11	RES-CHIP	22	5%	1/16W
R5004	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R5511	1-218-933-11	RES-CHIP	22	5%	1/16W
R5007	1-218-949-11	RES-CHIP	470	5%	1/16W	R5512	1-218-933-11	RES-CHIP	22	5%	1/16W
R5008	1-218-990-81	SHORT CHIP				R5513	1-218-933-11	RES-CHIP	22	5%	1/16W
R5009	1-218-989-11	RES-CHIP	1M	5%	1/16W	R5514	1-218-933-11	RES-CHIP	22	5%	1/16W
R5010	1-218-935-11	RES-CHIP	33	5%	1/16W	R5515	1-218-933-11	RES-CHIP	22	5%	1/16W
R5011	1-218-941-81	RES-CHIP	100	5%	1/16W	R5516	1-218-933-11	RES-CHIP	22	5%	1/16W
R5012	1-218-941-81	RES-CHIP	100	5%	1/16W	R5517	1-218-933-11	RES-CHIP	22	5%	1/16W
R5013	1-218-941-81	RES-CHIP	100	5%	1/16W	R5518	1-218-933-11	RES-CHIP	22	5%	1/16W
R5014	1-218-941-81	RES-CHIP	100	5%	1/16W	R5519	1-218-933-11	RES-CHIP	22	5%	1/16W
R5016	1-218-941-81	RES-CHIP	100	5%	1/16W	R6000	1-216-805-11	METAL CHIP	47	5%	1/10W
R5017	1-218-941-81	RES-CHIP	100	5%	1/16W	R6001	1-216-805-11	METAL CHIP	47	5%	1/10W
R5025	1-218-990-81	SHORT CHIP				R6004	1-216-853-11	METAL CHIP	470K	5%	1/10W
R5026	1-216-864-11	SHORT CHIP				R6005	1-216-853-11	METAL CHIP	470K	5%	1/10W
R5027	1-216-864-11	SHORT CHIP				R6006	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5029	1-218-965-11	RES-CHIP	10K	5%	1/16W	R6007	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5031	1-218-941-81	RES-CHIP	100	5%	1/16W	R6008	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5039	1-218-990-81	SHORT CHIP				R6009	1-216-833-11	METAL CHIP	10K	5%	1/10W
R5040	1-218-990-81	SHORT CHIP				R6010	1-216-805-11	METAL CHIP	47	5%	1/10W
R5042	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R6011	1-216-805-11	METAL CHIP	47	5%	1/10W
R5043	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R6012	1-218-827-11	METAL CHIP	150	0.50%	1/10W
R5044	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R6013	1-218-827-11	METAL CHIP	150	0.50%	1/10W
R5045	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R6014	1-218-827-11	METAL CHIP	150	0.50%	1/10W
R5046	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R6015	1-218-827-11	METAL CHIP	150	0.50%	1/10W




REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6016	1-216-821-11	METAL CHIP	1K	5%	1/10W	R7031	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W
R6017	1-218-827-11	METAL CHIP	150	0.50%	1/10W	R7032	1-218-843-11	METAL CHIP	680	0.50%	1/10W
R6018	1-218-827-11	METAL CHIP	150	0.50%	1/10W	R7035	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
R6019	1-216-845-11	METAL CHIP	100K	5%	1/10W	R7036	1-218-845-11	METAL CHIP	820	0.50%	1/10W
R6021	1-216-801-11	METAL CHIP	22	5%	1/10W	R7040	1-216-295-91	SHORT CHIP			
R6022	1-216-801-11	METAL CHIP	22	5%	1/10W	R7041	1-400-794-21	FERRITE	0μH		
R6023	1-216-801-11	METAL CHIP	22	5%	1/10W	R7045	1-216-295-91	SHORT CHIP			
R6029	1-218-933-11	RES-CHIP	22	5%	1/16W	R7046	1-216-295-91	SHORT CHIP			
R6030	1-218-933-11	RES-CHIP	22	5%	1/16W	R7048	1-216-295-91	SHORT CHIP			
R6041	1-216-847-11	METAL CHIP	150K	5%	1/10W	R7050	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R6042	1-216-847-11	METAL CHIP	150K	5%	1/10W	R7051	1-218-839-11	METAL CHIP	470	0.50%	1/10W
R6043	1-216-847-11	METAL CHIP	150K	5%	1/10W	R7053	1-218-859-11	METAL CHIP	3.3K	0.50%	1/10W
R6044	1-216-847-11	METAL CHIP	150K	5%	1/10W	R7054	1-218-859-11	METAL CHIP	3.3K	0.50%	1/10W
R6045	1-216-821-11	METAL CHIP	1K	5%	1/10W	R7055	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R6046	1-216-821-11	METAL CHIP	1K	5%	1/10W	R7056	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R7000	1-218-871-11	METAL CHIP	10K	0.50%	1/10W	R7057	1-216-843-11	METAL CHIP	68K	5%	1/10W
R7001	1-218-877-11	METAL CHIP	18K	0.50%	1/10W	R7058	1-216-851-11	METAL CHIP	330K	5%	1/10W
R7002	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W	R7060	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7003	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W	R7063	1-216-833-11	METAL CHIP	10K	5%	1/10W
R7004	1-216-841-11	METAL CHIP	47K	5%	1/10W	R7064	1-216-864-11	SHORT CHIP			
R7005	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W	R7066	1-216-835-11	METAL CHIP	15K	5%	1/10W
R7006	1-218-891-11	METAL CHIP	68K	0.50%	1/10W	R7067	1-218-879-11	METAL CHIP	22K	0.50%	1/10W
R7007	1-218-881-11	METAL CHIP	27K	0.50%	1/10W	R7080	1-400-591-22	FERRITE	0μH		
R7008	1-218-891-11	METAL CHIP	68K	0.50%	1/10W	R7081	1-400-591-22	FERRITE	0μH		
R7009	1-216-841-11	METAL CHIP	47K	5%	1/10W	R7082	1-400-591-22	FERRITE	0μH		
R7010	1-218-875-11	METAL CHIP	15K	0.50%	1/10W	R7083	1-400-591-22	FERRITE	0μH		
R7011	1-218-879-11	METAL CHIP	22K	0.50%	1/10W	R7506	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R7012	1-216-835-11	METAL CHIP	15K	5%	1/10W	R7507	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R7013	1-218-882-11	METAL CHIP	30K	0.50%	1/10W	R7510	1-216-864-11	SHORT CHIP			
R7014	1-216-809-11	METAL CHIP	100	5%	1/10W	R7515	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7015	1-216-809-11	METAL CHIP	100	5%	1/10W	R7516	1-216-840-11	METAL CHIP	39K	5%	1/10W
R7016	1-216-821-11	METAL CHIP	1K	5%	1/10W	R7517	1-216-845-11	METAL CHIP	100K	5%	1/10W
R7017	1-216-815-11	METAL CHIP	330	5%	1/10W	R7518	1-216-847-11	METAL CHIP	150K	5%	1/10W
R7019	1-216-835-11	METAL CHIP	15K	5%	1/10W	R7542	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7020	1-216-864-11	SHORT CHIP				R7543	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7021	1-216-837-11	METAL CHIP	22K	5%	1/10W	R7544	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7022	1-216-864-11	SHORT CHIP				R7545	1-218-977-11	RES-CHIP	100K	5%	1/16W
R7023	1-216-864-11	SHORT CHIP				R7546	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7024	1-216-837-11	METAL CHIP	22K	5%	1/10W	R9001	1-216-805-11	METAL CHIP	47	5%	1/10W
R7025	1-216-864-11	SHORT CHIP				R9002	1-216-805-11	METAL CHIP	47	5%	1/10W
R7026	1-216-864-11	SHORT CHIP				R9003	1-216-805-11	METAL CHIP	47	5%	1/10W
R7027	1-216-821-11	METAL CHIP	1K	5%	1/10W	R9004	1-216-805-11	METAL CHIP	47	5%	1/10W
R7028	1-216-821-11	METAL CHIP	1K	5%	1/10W	R9005	1-218-929-11	RES-CHIP	10	5%	1/16W
R7029	1-216-841-11	METAL CHIP	47K	5%	1/10W	R9006	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7030	1-216-841-11	METAL CHIP	47K	5%	1/10W	R9007	1-218-990-81	SHORT CHIP			



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R9008	1-218-990-81	SHORT CHIP				R9076	1-218-973-11	RES-CHIP	47K	5%	1/16W
R9009	1-218-990-81	SHORT CHIP				R9944	1-216-295-91	SHORT CHIP			
R9010	1-216-864-11	SHORT CHIP						RESISTOR BRIDGE			
R9011	1-216-853-11	METAL CHIP	470K	5%	1/10W	RB1004	1-234-372-11	RES, NETWORK 100	(1005X4)		
R9012	1-216-853-11	METAL CHIP	470K	5%	1/10W	RB1005	1-234-372-11	RES, NETWORK 100	(1005X4)		
						RB1006	1-234-372-11	RES, NETWORK 100	(1005X4)		
R9013	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	RB1007	1-234-378-21	RES, NETWORK 10K	(1005X4)		
R9014	1-216-864-11	SHORT CHIP				RB1008	1-234-378-21	RES, NETWORK 10K	(1005X4)		
R9015	1-216-821-11	METAL CHIP	1K	5%	1/10W						
R9016	1-216-821-11	METAL CHIP	1K	5%	1/10W	RB5002	1-234-370-21	RES, NETWORK 22	(1005X4)		
R9017	1-218-941-81	RES-CHIP	100	5%	1/16W	RB5003	1-234-370-21	RES, NETWORK 22	(1005X4)		
						RB5004	1-234-370-21	RES, NETWORK 22	(1005X4)		
R9018	1-218-941-81	RES-CHIP	100	5%	1/16W	RB5005	1-234-370-21	RES, NETWORK 22	(1005X4)		
R9019	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	RB5201	1-234-372-11	RES, NETWORK 100	(1005X4)		
R9020	1-218-961-11	RES-CHIP	4.7K	5%	1/16W						
R9022	1-218-973-11	RES-CHIP	47K	5%	1/16W	RB5202	1-234-372-11	RES, NETWORK 100	(1005X4)		
R9025	1-218-941-81	RES-CHIP	100	5%	1/16W	RB5203	1-234-372-11	RES, NETWORK 100	(1005X4)		
						RB5500	1-234-370-21	RES, NETWORK 22	(1005X4)		
R9031	1-218-929-11	RES-CHIP	10	5%	1/16W	RB5501	1-234-370-21	RES, NETWORK 22	(1005X4)		
R9032	1-218-929-11	RES-CHIP	10	5%	1/16W	RB5502	1-234-370-21	RES, NETWORK 22	(1005X4)		
R9033	1-218-929-11	RES-CHIP	10	5%	1/16W						
R9034	1-218-929-11	RES-CHIP	10	5%	1/16W	RB5503	1-234-370-21	RES, NETWORK 22	(1005X4)		
R9035	1-218-929-11	RES-CHIP	10	5%	1/16W	RB5504	1-234-370-21	RES, NETWORK 22	(1005X4)		
						RB5505	1-234-370-21	RES, NETWORK 22	(1005X4)		
R9036	1-218-929-11	RES-CHIP	10	5%	1/16W	RB5506	1-234-370-21	RES, NETWORK 22	(1005X4)		
R9037	1-218-929-11	RES-CHIP	10	5%	1/16W	RB5507	1-234-370-21	RES, NETWORK 22	(1005X4)		
R9038	1-218-929-11	RES-CHIP	10	5%	1/16W						
R9040	1-218-965-11	RES-CHIP	10K	5%	1/16W	RB5508	1-234-370-21	RES, NETWORK 22	(1005X4)		
R9041	1-218-965-11	RES-CHIP	10K	5%	1/16W	RB5509	1-234-370-21	RES, NETWORK 22	(1005X4)		
						RB5510	1-234-370-21	RES, NETWORK 22	(1005X4)		
R9044	1-218-937-11	RES-CHIP	47	5%	1/16W	RB5511	1-234-370-21	RES, NETWORK 22	(1005X4)		
R9045	1-218-937-11	RES-CHIP	47	5%	1/16W						
R9046	1-218-937-11	RES-CHIP	47	5%	1/16W			VARISTOR			
R9047	1-216-295-91	SHORT CHIP				VD6000	1-802-078-11	VARISTOR	(SMD)		
R9048	1-218-937-11	RES-CHIP	47	5%	1/16W	VD6001	1-802-078-11	VARISTOR	(SMD)		
						VD6002	1-802-078-11	VARISTOR	(SMD)		
R9051	1-218-937-11	RES-CHIP	47	5%	1/16W	VD6003	1-802-078-11	VARISTOR	(SMD)		
R9060	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	VD6004	1-802-078-11	VARISTOR	(SMD)		
R9061	1-218-957-11	RES-CHIP	2.2K	5%	1/16W						
R9062	1-216-847-11	METAL CHIP	150K	5%	1/10W	VD6005	1-802-078-11	VARISTOR	(SMD)		
R9063	1-216-847-11	METAL CHIP	150K	5%	1/10W	VD6006	1-802-078-11	VARISTOR	(SMD)		
						VD9001	1-802-078-11	VARISTOR	(SMD)		
R9064	1-216-821-11	METAL CHIP	1K	5%	1/10W	VD9002	1-802-078-11	VARISTOR	(SMD)		
R9065	1-216-847-11	METAL CHIP	150K	5%	1/10W	VD9003	6-500-701-01	DIODE	PGB1010603NR		
R9066	1-216-847-11	METAL CHIP	150K	5%	1/10W						
R9067	1-216-821-11	METAL CHIP	1K	5%	1/10W	VD9004	6-500-701-01	DIODE	PGB1010603NR		
R9070	1-218-953-11	RES-CHIP	1K	5%	1/16W	VD9005	6-500-701-01	DIODE	PGB1010603NR		
						VD9006	6-500-701-01	DIODE	PGB1010603NR		
R9071	1-218-973-11	RES-CHIP	47K	5%	1/16W	VD9007	6-500-701-01	DIODE	PGB1010603NR		
R9072	1-218-973-11	RES-CHIP	47K	5%	1/16W	VD9008	6-500-701-01	DIODE	PGB1010603NR		
R9073	1-218-973-11	RES-CHIP	47K	5%	1/16W						
R9074	1-218-969-11	RES-CHIP	22K	5%	1/16W						
R9075	1-218-989-11	RES-CHIP	1M	5%	1/16W						

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

BU **G1** **G2**

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
VD9010	6-500-701-01	DIODE	PGB1010603NR	C6102	1-107-910-11	ELECT	100µF 20% 50V
VD9011	6-500-701-01	DIODE	PGB1010603NR	C6103	1-162-970-11	CERAMIC CHIP	0.01µF 10% 25V
VD9012	6-500-701-01	DIODE	PGB1010603NR	C6104	1-100-831-91	CERAMIC CHIP	0.001µF 2% 50V
VD9013	6-500-701-01	DIODE	PGB1010603NR	C6105	1-107-906-11	ELECT	10µF 20% 50V
CRYSTAL				C6108	1-115-340-11	CERAMIC CHIP	0.22µF 10% 25V
X1001	1-813-070-21	PIEZOELECTRIC OSCILLATOR		C6109	1-107-888-11	ELECT	47µF 20% 25V
X1009	1-813-784-21	VIBRATOR, CRYSTAL		C6111	1-100-613-81	CERAMIC	470pF 5% 1KV
X5000	1-813-773-11	VIBRATOR, CRYSTAL		C6112	1-100-310-11	FILM	18000pF 3% 800V
				C6116	1-163-021-91	CERAMIC CHIP	0.01µF 10% 50V
				C6200	1-164-227-11	CERAMIC CHIP	0.022µF 10% 25V
				C6202	1-112-242-21	ELECT	1500µF 20% 25V
				C6203	1-107-907-11	ELECT	22µF 20% 50V
				C6204	1-112-242-21	ELECT	1500µF 20% 25V
				C6205	1-112-242-21	ELECT	1500µF 20% 25V
				C6207	1-112-242-21	ELECT	1500µF 20% 25V
				C6216	1-107-928-11	ELECT	4.7µF 20% 100V
				C6217	1-112-229-21	ELECT	1500µF 20% 16V
				C6305	1-107-826-11	CERAMIC CHIP	0.1µF 10% 16V
				C6306	1-162-927-11	CERAMIC CHIP	100pF 5% 50V
				C6307	1-107-903-11	ELECT	2.2µF 20% 50V
				C6308	1-107-904-11	ELECT	3.3µF 20% 50V
				C6309	1-107-910-11	ELECT	100µF 20% 50V
				C6310	1-100-139-31	FILM	0.001µF 5% 630V
				C6314	1-162-964-11	CERAMIC CHIP	0.001µF 10% 50V
				C6315	1-165-729-31	ELECT	470µF 20% 16V
				C6316	1-107-826-11	CERAMIC CHIP	0.1µF 10% 16V
				C6401	1-107-882-91	ELECT	100µF 20% 16V
				C6402	1-127-573-11	CERAMIC CHIP	1µF 10% 16V
				C6404	1-107-826-11	CERAMIC CHIP	0.1µF 10% 16V
				C6405	1-115-339-11	CERAMIC CHIP	0.1µF 10% 50V
				C6406	1-162-964-11	CERAMIC CHIP	0.001µF 10% 50V
				C6407	1-162-970-11	CERAMIC CHIP	0.01µF 10% 25V
				C6408	1-125-891-11	CERAMIC CHIP	0.47µF 10% 10V
				C6413	1-162-964-11	CERAMIC CHIP	0.001µF 10% 50V
				C6451	1-107-826-11	CERAMIC CHIP	0.1µF 10% 16V
				C6504	1-100-613-81	CERAMIC	470pF 5% 1KV
				C6505	1-100-613-81	CERAMIC	470pF 5% 1KV
				C6517	1-117-227-11	MYLAR	1µF 10% 450V
				C6518	1-112-744-52	MYLAR	1µF 10% 450V
				C6519	1-162-969-11	CERAMIC CHIP	0.0068µF 10% 25V
				C6520	1-117-227-11	MYLAR	1µF 10% 450V
				C6521	1-107-823-11	CERAMIC CHIP	0.47µF 10% 16V
				C6522	1-162-964-11	CERAMIC CHIP	0.001µF 10% 50V
				C6523	1-162-970-11	CERAMIC CHIP	0.01µF 10% 25V
				C6525	1-115-339-11	CERAMIC CHIP	0.1µF 10% 50V

G1



1-468-980-12 G1 BOARD, COMPLETE (POWER UNIT)
(KDL-32S2400 ONLY)

Due to the complexity of this board, performing component level field repairs is not recommended. If service is required, complete board replacement is the preferred repair method.

G2

A-1144-543-F G2 BOARD, MOUNTED
(KDL-40S2400 ONLY)
4-382-854-11 SCREW (M3X10), P, SW (+)

PIN WIRE

* A6012 4-042-408-02 PIN(45), WIRE
* A6013 4-042-408-02 PIN(45), WIRE

CAPACITOR

C6000	1-161-964-91	CERAMIC	0.0047µF	250V
C6001	1-119-892-51	CERAMIC	470pF 10%	250V
C6002	1-165-531-11	MYLAR	1µF 10	275V
C6003	1-161-964-91	CERAMIC	0.0047µF	250V
C6004	1-165-529-11	MYLAR	0.22µF 10	275V
C6005	1-119-892-51	CERAMIC	470pF 10%	250V
C6006	1-135-361-11	ELECT(BLOCK)	180µF 20%	450V
C6008	1-135-361-11	ELECT(BLOCK)	180µF 20%	450V
C6010	1-113-889-11	CERAMIC	0.001µF 20%	250V
C6012	1-113-889-11	CERAMIC	0.001µF 20%	250V
C6015	1-119-891-51	CERAMIC	220pF 10%	250V
C6016	1-119-891-51	CERAMIC	220pF 10%	250V
C6051	1-162-970-11	CERAMIC CHIP	0.01µF 10%	25V
C6100	1-162-970-11	CERAMIC CHIP	0.01µF 10%	25V
C6101	1-107-905-11	ELECT	4.7µF 20%	50V

NOTE: The components identified by shading and \triangle mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque \triangle sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
C6526	1-107-906-11	ELECT	10 μ F 20% 50V	D6504	1-216-295-91	SHORT CHIP	
CONNECTOR				D6505	8-719-976-99	DIODE	DTZ5.1B
CN6000	1-695-915-11	TAB (CONTACT)		D6506	8-719-054-59	DIODE	FSF05A60
* \triangle CN6001	1-793-660-11	PIN, CONNECTOR (PC BOARD)		D6507	8-719-081-97	DIODE	MMDL914T1
CN6011	1-537-770-21	TERMINAL BOARD, GROUND		D6508	6-500-108-01	DIODE	EP05FA20
* CN6200	1-793-236-11	PIN, CONNECTOR (PC BOARD)	14P	D6509	6-500-108-01	DIODE	EP05FA20
* CN6202	1-785-708-11	PIN, CONNECTOR (PC BOARD)	12P	D6510	6-500-137-01	DIODE	BAT54HT1
				D6511	8-719-081-97	DIODE	MMDL914T1
* CN6204	1-785-706-11	PIN, CONNECTOR (PC BOARD)	10P	D6512	8-719-081-97	DIODE	MMDL914T1
CN6205	1-695-915-11	TAB (CONTACT)		D6551	8-719-081-97	DIODE	MMDL914T1
CN6211	1-537-770-21	TERMINAL BOARD, GROUND		FUSE			
CN6214	1-537-770-21	TERMINAL BOARD, GROUND		\triangle F6000	1-576-233-51	FUSE	6.3A 250V
CN6216	1-537-770-21	TERMINAL BOARD, GROUND		FERRITE BEAD			
DIODE				FB6100	1-410-396-41	FERRITE	0.45 μ H
D6000	8-719-054-89	DIODE	D15XB60	FB6101	1-410-396-41	FERRITE	0.45 μ H
D6002	8-719-081-97	DIODE	MMDL914T1	IC			
D6003	8-719-081-97	DIODE	MMDL914T1	\triangle IC6100	6-709-581-01	IC	CXD9841M-H
D6102	6-500-137-01	DIODE	BAT54HT1	IC6200	6-709-368-01	IC	MM1431ATT (CN)
D6103	8-719-979-64	DIODE	μ F4005/23	\triangle IC6301	6-708-801-01	IC	MIP2H2
D6104	6-501-043-01	DIODE	UMZ16NT106	IC6302	6-709-442-01	IC	MM1530ATT
\triangle D6105	6-501-043-01	DIODE	UMZ16NT106	IC6401	6-709-368-01	IC	MM1431ATT (CN)
D6106	8-719-081-67	DIODE	M1FM3	IC6402	6-709-368-01	IC	MM1431ATT (CN)
\triangle D6107	8-719-081-67	DIODE	M1FM3	\triangle IC6502	6-709-192-01	IC	FA5501AN-D1-TE1
D6108	8-719-041-97	DIODE	MA113-(TX)	CHIP CONDUCTOR			
D6200	8-719-057-96	DIODE	D10SC6M-4012	JR6001	1-216-295-91	SHORT CHIP	
D6201	8-719-057-96	DIODE	D10SC6M-4012	JR6002	1-216-296-11	SHORT CHIP	
D6202	8-719-057-96	DIODE	D10SC6M-4012	JR6004	1-216-295-91	SHORT CHIP	
D6203	8-719-057-96	DIODE	D10SC6M-4012	JR6007	1-216-296-11	SHORT CHIP	
D6204	6-500-567-31	DIODE	10ERB20-TB3	JR6008	1-216-296-11	SHORT CHIP	
D6205	6-500-567-31	DIODE	10ERB20-TB3	JR6009	1-216-296-11	SHORT CHIP	
D6207	8-719-057-96	DIODE	D10SC6M-4012	JR6010	1-216-296-11	SHORT CHIP	
D6208	8-719-057-96	DIODE	D10SC6M-4012	JR6011	1-216-295-91	SHORT CHIP	
D6302	6-500-567-31	DIODE	10ERB20-TB3	JR6012	1-216-295-91	SHORT CHIP	
D6303	6-500-567-31	DIODE	10ERB20-TB3	JR6013	1-216-295-91	SHORT CHIP	
D6304	6-500-849-01	DIODE	ERA22-08KFLB				
D6305	6-500-567-31	DIODE	10ERB20-TB3				
D6306	8-719-510-02	DIODE	D1NS4				
D6401	8-719-081-97	DIODE	MMDL914T1				
D6402	8-719-081-97	DIODE	MMDL914T1				
D6407	8-719-082-04	DIODE	MM3Z22VT1				
D6408	8-719-081-97	DIODE	MMDL914T1				
D6452	8-719-081-97	DIODE	MMDL914T1				
D6454	1-125-889-91	CERAMIC CHIP	2.2 μ F 10% 10V				
D6456	8-719-081-97	DIODE	MMDL914T1				

NOTE: The components identified by shading and \triangle mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque \triangle sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.




REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
COIL				R6101	1-249-385-11	CARBON	2.2 5% 1/4W
L6000	1-456-856-21	LINE FILTER COIL		\triangle R6102	1-202-933-61	FUSIBLE	0.1 10% 1/2W
L6001	1-456-856-21	LINE FILTER COIL		R6103	1-218-823-11	METAL CHIP	100 0.50% 1/10W
L6203	1-414-487-41	INDUCTOR	1 μ H	R6104	1-218-887-11	METAL CHIP	47K 0.50% 1/10W
L6204	1-414-487-41	INDUCTOR	1 μ H	R6105	1-208-854-11	METAL CHIP	1M 0.50% 1/10W
L6207	1-457-239-11	INDUCTOR	4.7 μ H	R6106	1-208-854-11	METAL CHIP	1M 0.50% 1/10W
L6208	1-457-239-11	INDUCTOR	4.7 μ H	R6107	1-208-854-11	METAL CHIP	1M 0.50% 1/10W
L6300	1-414-934-21	INDUCTOR	10 μ H	R6108	1-208-854-11	METAL CHIP	1M 0.50% 1/10W
L6500	1-457-218-11	INDUCTOR	100 μ H	R6109	1-218-761-11	METAL CHIP	240K 0.50% 1/10W
L6502	1-457-141-11	INDUCTOR	175 μ H	R6110	1-218-881-11	METAL CHIP	27K 0.50% 1/10W
PHOTO COUPLER				R6111	1-218-873-11	METAL CHIP	12K 0.50% 1/10W
PH6000	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF	R6114	1-211-985-11	METAL CHIP	47 0.50% 1/10W
PH6100	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF	R6116	1-216-009-91	RES-CHIP	22 5% 1/10W
PH6301	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF	R6117	1-216-009-91	RES-CHIP	22 5% 1/10W
PH6400	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF	R6118	1-216-833-11	METAL CHIP	10K 5% 1/10W
PH6402	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF	R6119	1-216-833-11	METAL CHIP	10K 5% 1/10W
TRANSISTOR				R6121	1-216-361-00	METAL OXIDE	0.22 5% 2W
Q6051	8-729-045-62	TRANSISTOR	2SK2158-T2B	R6122	1-216-361-00	METAL OXIDE	0.22 5% 2W
\triangle Q6100	6-551-297-01	TRANSISTOR	2SK3568(LBS1SONY.Q	R6123	1-218-847-11	METAL CHIP	1K 0.50% 1/10W
\triangle Q6101	6-551-297-01	TRANSISTOR	2SK3568(LBS1SONY.Q	R6127	1-216-857-11	METAL CHIP	1M 5% 1/10W
Q6400	8-729-804-41	TRANSISTOR	2SB1122-S	R6200	1-216-821-11	METAL CHIP	1K 5% 1/10W
Q6401	8-729-120-28	TRANSISTOR	2SC1623-L5L6	R6201	1-216-821-11	METAL CHIP	1K 5% 1/10W
Q6402	8-729-045-62	TRANSISTOR	2SK2158-T2B	R6202	1-216-105-91	RES-CHIP	220K 5% 1/10W
Q6403	8-729-026-49	TRANSISTOR	2SA1037AK-T146-R	R6203	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
Q6404	8-729-120-28	TRANSISTOR	2SC1623-L5L6	R6204	1-218-843-11	METAL CHIP	680 0.50% 1/10W
Q6405	8-729-120-28	TRANSISTOR	2SC1623-L5L6	R6205	1-218-865-11	METAL CHIP	5.6K 0.50% 1/10W
Q6406	8-729-120-28	TRANSISTOR	2SC1623-L5L6	R6207	1-218-847-11	METAL CHIP	1K 0.50% 1/10W
Q6454	8-729-026-49	TRANSISTOR	2SA1037AK-T146-R	\triangle R6208	1-249-377-11	CARBON	0.47 5% 1/4W
Q6455	8-729-120-28	TRANSISTOR	2SC1623-L5L6	R6226	1-249-389-11	CARBON	4.7 5% 1/4W
\triangle Q6500	6-551-403-01	TRANSISTOR	2SK3797(LBS1SONY.	\triangle R6300	1-212-958-00	FUSIBLE	10 5% 1/2W
Q6501	8-729-820-90	TRANSISTOR	2SD1621-ST	R6301	1-243-725-71	METAL OXIDE	100K 5% 1W
Q6502	8-729-804-41	TRANSISTOR	2SB1122-S	R6302	1-218-865-11	METAL CHIP	5.6K 0.50% 1/10W
\triangle Q6504	6-551-403-01	TRANSISTOR	2SK3797(LBS1SONY.	R6303	1-249-385-11	CARBON	2.2 5% 1/4W
RESISTOR				R6304	1-216-821-11	METAL CHIP	1K 5% 1/10W
\triangle R6002	1-240-251-11	METAL	6.8 5% 10W	R6305	1-216-827-11	METAL CHIP	3.3K 5% 1/10W
R6003	1-247-752-11	CARBON	1K 5% 1/2W	R6306	1-216-805-11	METAL CHIP	47 5% 1/10W
R6004	1-218-835-11	METAL CHIP	330 0.50% 1/10W	R6307	1-218-887-11	METAL CHIP	47K 0.50% 1/10W
R6051	1-216-821-11	METAL CHIP	1K 5% 1/10W	R6308	1-218-871-11	METAL CHIP	10K 0.50% 1/10W
R6052	1-216-837-11	METAL CHIP	22K 5% 1/10W	R6309	1-218-867-11	METAL CHIP	6.8K 0.50% 1/10W
				R6400	1-216-833-11	METAL CHIP	10K 5% 1/10W
				R6401	1-218-863-11	METAL CHIP	4.7K 0.50% 1/10W
				R6402	1-216-833-11	METAL CHIP	10K 5% 1/10W
				R6403	1-218-887-11	METAL CHIP	47K 0.50% 1/10W
				R6405	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
				R6407	1-216-837-11	METAL CHIP	22K 5% 1/10W


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H1U

H2U

REF. NO.	PART NO.	DESCRIPTION	VALUES				REF. NO.	PART NO.	DESCRIPTION	VALUES			
<div>H1U</div>						<div>CONNECTOR</div>							
A-1172-589-D H1U BOARD, MOUNTED						CN201 1-820-192-11 HEADER ASSEMBLY (PRINT PWB) 15P							
<div>CONNECTOR</div>						<div>DIODE</div>							
CN101	1-819-445-11	HEADER ASSEMBLY FOR PWB				D201	8-719-423-03	DIODE	MA8100				
<div>RESISTOR</div>						D202	8-719-423-03	DIODE	MA8100				
R101	1-218-848-11	METAL CHIP	1.1K	0.50%	1/10W	D203	8-719-423-03	DIODE	MA8100				
R102	1-218-841-11	METAL CHIP	560	0.50%	1/10W	D204	8-719-423-03	DIODE	MA8100				
R103	1-218-835-11	METAL CHIP	330	0.50%	1/10W	D205	8-719-423-03	DIODE	MA8100				
R104	1-218-831-11	METAL CHIP	220	0.50%	1/10W	<div>JACK</div>							
R105	1-218-827-11	METAL CHIP	150	0.50%	1/10W	J201	1-780-368-11	S TERMINAL BLOCK (RIGHT)					
<div>SWITCH</div>						J202	1-815-325-11	JACK					
S101	1-572-595-11	SWITCH, TACTILE				<div>RESISTOR</div>							
S102	1-572-595-11	SWITCH, TACTILE				R202	1-216-864-11	SHORT CHIP					
S103	1-572-595-11	SWITCH, TACTILE				R205	1-216-821-11	METAL CHIP	1K	5%	1/10W		
S104	1-572-595-11	SWITCH, TACTILE				R206	1-216-821-11	METAL CHIP	1K	5%	1/10W		
S105	1-572-595-11	SWITCH, TACTILE				R207	1-218-831-11	METAL CHIP	220	0.50%	1/10W		
S106	1-572-595-11	SWITCH, TACTILE				R208	1-218-831-11	METAL CHIP	220	0.50%	1/10W		
S107	1-572-595-11	SWITCH, TACTILE				R209	1-218-285-11	METAL CHIP	75	5%	1/10W		
<div>H2U</div>						R210	1-218-831-11	METAL CHIP	220	0.50%	1/10W		
A-1152-234-F H2U BOARD, MOUNTED						R211	1-218-831-11	METAL CHIP	220	0.50%	1/10W		
<div>CAPACITOR</div>						R212	1-216-797-11	METAL CHIP	10	5%	1/10W		
C201	1-162-923-11	CERAMIC CHIP	47pF	5%	50V	R213	1-216-821-11	METAL CHIP	1K	5%	1/10W		
C202	1-162-923-11	CERAMIC CHIP	47pF	5%	50V	R214	1-216-821-11	METAL CHIP	1K	5%	1/10W		
C203	1-127-573-11	CERAMIC CHIP	1μF	10%	16V	R215	1-216-809-11	METAL CHIP	100	5%	1/10W		
C204	1-127-573-11	CERAMIC CHIP	1μF	10%	16V	R216	1-216-809-11	METAL CHIP	100	5%	1/10W		
C205	1-125-891-11	CERAMIC CHIP	0.47μF	10%	10V	R217	1-216-821-11	METAL CHIP	1K	5%	1/10W		
C206	1-125-889-91	CERAMIC CHIP	2.2μF	10%	10V	R218	1-216-821-11	METAL CHIP	1K	5%	1/10W		
C207	1-125-889-91	CERAMIC CHIP	2.2μF	10%	10V	R219	1-216-809-11	METAL CHIP	100	5%	1/10W		
C208	1-125-889-91	CERAMIC CHIP	2.2μF	10%	10V	R220	1-216-797-11	METAL CHIP	10	5%	1/10W		
C209	1-162-927-11	CERAMIC CHIP	100pF	5%	50V	R222	1-216-853-11	METAL CHIP	470K	5%	1/10W		
C210	1-164-227-11	CERAMIC CHIP	0.022μF	10%	25V	R223	1-216-853-11	METAL CHIP	470K	5%	1/10W		
C211	1-162-927-11	CERAMIC CHIP	100pF	5%	50V	R224	1-218-831-11	METAL CHIP	220	0.50%	1/10W		
C212	1-164-227-11	CERAMIC CHIP	0.022μF	10%	25V	R225	1-218-831-11	METAL CHIP	220	0.50%	1/10W		
C213	1-804-988-21	VARISTOR, CHIP	(1608)			<div>VARISTOR</div>							
C214	1-804-988-21	VARISTOR, CHIP	(1608)			VD201	1-802-082-11	VARISTOR	(SMD)				
C215	1-115-416-11	CERAMIC CHIP	0.001μF	5%	25V	VD202	1-802-082-11	VARISTOR	(SMD)				
						VD203	1-802-082-11	VARISTOR	(SMD)				

NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

H3U QS QT




REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
<div>H3U</div>											
A-1172-591-D		H3U BOARD, MOUNTED									
<div>CAPACITOR</div>						<div>QS</div>					
C302	1-162-960-11	CERAMIC CHIP	220pF	10%	50V	Due to the complexity of this board, performing component level field repairs is not recommended. If service is required, complete board replacement is the preferred repair method.					
C303	1-119-667-11	CERAMIC CHIP	22μF		10V						
C305	1-165-908-11	CERAMIC CHIP	1μF	10%	10V						
C307	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V						
C308	1-126-205-11	ELECT CHIP	47μF	20%	6.3V	<div>QT</div>					
<div>CONNECTOR</div>						A-1164-341-B QT BOARD, COMPLETE					
CN301	1-820-187-11	HEADER ASSEMBLY (PRINT PWB)			10P	Due to the complexity of this board, performing component level field repairs is not recommended. If service is required, complete board replacement is the preferred repair method.					
<div>DIODE</div>						(If the tuner needs to be replaced, the complete QT Board must be ordered. It cannot be ordered seperately.)					
D302	8-719-085-26	DIODE	CL-165HR/SYG-D-T			<div>ACCESSORIES AND PACKING</div>					
D305	8-719-085-26	DIODE	CL-165HR/SYG-D-T								
D308	6-500-817-01	DIODE (LED)	SML-512UWT86								
<div>IC</div>						<div>⚠ 1-831-499-21 POWER-SUPPLY CORD SET (KDL-32S2400 ONLY)</div>					
IC301	6-600-502-01	HIC	GP1UE26RK0VF			<div>⚠ 1-832-937-11 AC POWER-SUPPLY CORD SET (KDL-40S2400 ONLY)</div>					
IC302	6-600-447-01	IC	TPS853(SONY)								
<div>TRANSISTOR</div>						X-2102-511-2 BAG ASSY, RUDDER LOCK (Contains the 3 items below)					
Q301	8-729-028-96	TRANSISTOR	DTC114EUA-T106			* X-2055-089-2 LOCK ASSY, RUDDER (Support Belt)					
Q302	8-729-028-96	TRANSISTOR	DTC114EUA-T106			2-593-320-02 SCREW, CION (M6X18)					
Q303	8-729-028-96	TRANSISTOR	DTC114EUA-T106			2-580-663-01 SCREW, WOOD 3.8X20					
Q304	8-729-028-96	TRANSISTOR	DTC114EUA-T106			* 2-678-264-01 BAG, PROTECTION (KDL-32S2400 ONLY)					
Q305	8-729-028-96	TRANSISTOR	DTC114EUA-T106			* 2-678-265-01 BAG, PROTECTION (KDL-40S2400 ONLY)					
Q306	8-729-602-36	TRANSISTOR	2SA1602-F								
<div>RESISTOR</div>						1-831-554-11 CABLE ASSY (15P DSUB CONNECTOR)					
R301	1-216-819-11	METAL CHIP	680	5%	1/10W	1-765-167-62 CABLE, COAXIAL (WITH (F) PLUG)					
R302	1-216-815-11	METAL CHIP	330	5%	1/10W	* 2-893-222-01 CARTON, INDIVIDUAL (KDL-32S2400 ONLY)					
R303	1-216-819-11	METAL CHIP	680	5%	1/10W	* 2-893-223-01 CARTON, INDIVIDUAL (KDL-40S2400 ONLY)					
R304	1-216-815-11	METAL CHIP	330	5%	1/10W						
R305	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	* 2-673-887-01 CUSHION, LOWER (KDL-32S2400 ONLY)					
R306	1-216-817-11	METAL CHIP	470	5%	1/10W	* 2-673-883-01 CUSHION, LOWER (KDL-40S2400 ONLY)					
R307	1-216-805-11	METAL CHIP	47	5%	1/10W	* 2-673-886-01 CUSHION, UPPER (KDL-32S2400 ONLY)					
R309	1-216-839-11	METAL CHIP	33K	5%	1/10W						
R310	1-216-821-11	METAL CHIP	1K	5%	1/10W						
R311	1-216-833-11	METAL CHIP	10K	5%	1/10W						

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
*	2-673-882-01	CUSHION, UPPER (KDL-40S2400 ONLY)		<u>MISCELLANEOUS</u>			
*	2-674-396-01	CUSHION, UPPER (CENTER) (KDL-40S2400 ONLY)		1-528-692-61		DRY, BATTERY CARBON-ZINC (KDL-32S2400 ONLY)	
	2-889-165-12	GUIDE, QUICK SETUP (ENGLISH VERSION)		2-689-629-01		SCREW, (B) TP 4X25 (KDL-32S2400 ONLY)	
	2-889-165-22	GUIDE, QUICK SETUP (FRENCH VERSION)		2-580-639-01		SCREW, +BVTP2 4X12	
	2-889-165-32	GUIDE, QUICK SETUP (SPANISH VERSION)		2-580-644-01		SCREW, +KTP2 3X8 (KDL-32S2400 ONLY)	
*	2-683-745-01	HOLDER		2-580-602-01		SCREW, +PSW M4X12	
*	2-676-913-01	HOLDER (B)		<u>REMOTE COMMANDER</u>			
	2-893-218-11	MANUAL, INSTRUCTION (ENGLISH VERSION)		1-479-686-21		REMOTE COMMANDER (RM-YD005)	
	2-893-218-21	MANUAL, INSTRUCTION (FRENCH VERSION)					
	2-893-218-31	MANUAL, INSTRUCTION (SPANISH VERSION)					
	2-676-911-01	SHEET, C.F.B (B)					
*	2-649-073-01	SHEET, PROTECTION (KDL-32S2400 ONLY)					
	2-893-754-01	TAPE (LCD) (KDL-32S2400 ONLY)					
	2-688-062-01	TAPE (LCD)					
*	2-673-881-01	TRAY (KDL-40S2400 ONLY)					
*	2-674-395-01	TRAY, TOP (KDL-40S2400 ONLY)					

APPENDIX A: ENCRYPTION KEY COMPONENTS

Encryption key components developed by Sony Corporation contain confidential information, and shall be handled under the non-disclosure obligations provided in the applicable agreement with Sony Corporation (and/or its subsidiary).

As part of this agreement specific instructions must be adhered to whenever a Circuit Board containing encryption key components is repaired and/or replaced pursuant to the following:

- 1) In the service manual the Circuit Board(s) containing encryption key components shall be identified with a **red outline and a **.
- 2) Only repair boards or components listed in the service manual shall be utilized for replacement and/or repair.
- 3) Disassembly, decryption, or reverse-engineering component(s) is strictly prohibited.
- 4) Any board in which the Servicer replaces an encryption key component must be placed back into the set it originally came from and the replaced defective component **MUST BE DESTROYED**. Boards cannot be swapped.
- 5) If a Circuit Board identified with a **red outline and a ** in the service manual is deemed to be defective:
 - a) and if a core charge is imposed and is covered under the product warranty, the defective un-repaired or modified board **MUST BE RETURNED** to Sony.
 - b) and if the core charge is **NOT** covered under the product warranty, the defective un-repaired or modified board **MUST BE DESTROYED**.
- 5) If a unit is destroyed (such as field scrap), the Circuit Board identified with a **red outline and a ** in the service manual **MUST BE DESTROYED**.

In an effort to reduce the size of this pdf file the tiled schematics are not attached to this Service Manual. To receive a complete set of the tiled schematics for this manual please submit a request to the Service Promotion Department at Service_Promotion@am.sony.com.