

HISTORY INFORMATION FOR THE FOLLOWING MANUAL:

# SERVICE MANUAL

# WAX3 CHASSIS

<u>MODEL NAME</u>	<u>REMOTE COMMANDER</u>	<u>DESTINATION</u>
<b>KDL-32SL130</b>	RM-YD018	US
<b>KDL-40SL130</b>	RM-YD018	US

**ORIGINAL MANUAL ISSUE DATE: 5/2007**

 : UPDATED ITEM

<u>REVISION DATE</u>	<u>SUBJECT</u>
5/2007	No revisions or updates are applicable at this time.
6/2007	Reissue entire manual to correct model name.
10/2007	Corrected P/N for KDL-32SL130 ETC-Inverter MT Board. Replaced Page 93. Added Battery Cover P/N. Replaced Page 125.

LCD DIGITAL COLOR TELEVISION

# SONY®

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KDL-40SL130



RM-YD018

LCD DIGITAL COLOR TELEVISION

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## TABLE OF CONTENTS

SECTION TITLE	PAGE	SECTION TITLE	PAGE
Specifications .....	4	<b>SECTION 3: DIAGRAMS.....</b>	<b>58</b>
Warnings and Cautions .....	6	3-1. Circuit Boards Location .....	58
Safety-Related Component Warning .....	7	3-2. Printed Wiring Boards and Schematic Diagrams Information .....	59
Safety Check-Out .....	9	3-3. Block Diagram .....	60
Self-Diagnostic Function.....	10	Signal Flow Diagram .....	60
<b>SECTION 1: DISASSEMBLY.....</b>	<b>12</b>	Connection Diagram (KDL-32SL130 Only) .....	61
1-1. Rear Cover Removal.....	12	Connection Diagram (KDL-40SL130 Only) .....	62
1-2. H1 Board Removal.....	12	3-4. Schematics and Supporting Information .....	63
1-3. Stand Assembly and VESA Arm Assembly Removal (KDL-32SL130 Only).....	13	BU1 Board Schematic Diagram (1 of 12).....	63
1-4. Stand Assembly and VESA Arm Assembly Removal (KDL-40SL130 Only).....	13	BU1 Board Schematic Diagram (2 of 12).....	64
1-5. U1 Board, Side Terminal and Side Jack Holder Removal....	14	BU1 Board Schematic Diagram (3 of 12).....	65
1-6. BU1 Board Removal .....	14	BU1 Board Schematic Diagram (4 of 12).....	66
1-7. Speaker, H3 Board, and H4 Board Removal .....	15	BU1 Board Schematic Diagram (5 of 12).....	67
1-8. G1H Board (Power Unit) and G1 Bracket Removal (KDL-32SL130 Only).....	15	BU1 Board Schematic Diagram (6 of 12).....	68
1-9. G3 Board (Power Unit) and D1 Board Removal (KDL-40SL130 Only).....	16	BU1 Board Schematic Diagram (7 of 12).....	69
1-9-1. Replacing the Inverter Connector Assembly (KDL-40SL130 Only) .....	16	BU1 Board Schematic Diagram (8 of 12).....	70
1-10.AC Inlet Removal (KDL-32SL130 Only).....	17	BU1 Board Schematic Diagram (9 of 12).....	71
1-11.AC Inlet Removal (KDL-40SL130 Only).....	17	BU1 Board Schematic Diagram (10 of 12).....	72
1-12.LCD Panel, LED and Guide Light Removal (KDL-32SL130 Only).....	18	BU1 Board Schematic Diagram (11 of 12).....	73
1-13.LCD Panel, LED and Guide Light Removal (KDL-40SL130 Only).....	19	BU1 Board Schematic Diagram (12 of 12).....	74
1-14.Inverter Board Removal .....	20	D1 Board Schematic Diagram (KDL-40SL130 Only) .....	76
Wire Dressing .....	21	G1H Board Schematic Diagram (Power Supply) (KDL-32SL130 Only) .....	79
KDL-32SL130 Only .....	21	G3 Board Schematic Diagram (Power Supply) (KDL-40SL130 Only) .....	80
KDL-40SL130 Only .....	37	H1 Board Schematic Diagram.....	82
<b>SECTION 2: SERVICE ADJUSTMENTS.....</b>	<b>55</b>	H3 Board Schematic Diagram.....	84
2-1. Using the Remote Commander for Electrical Adjustments ..	55	H4 Board Schematic Diagram.....	86
2-2. Accessing Service Adjustment Mode .....	55	U1 Board Schematic Diagram.....	88
2-3. Viewing the Service Menus .....	55	3-5. Semiconductors .....	90
2-4. Using the Remote Commander to View Service Data .....	56	<b>SECTION 4: EXPLODED VIEWS.....</b>	<b>91</b>
2-4-1. Changing Service Data.....	56	4-1. Rear Cover and Stand Assembly .....	91
2-4-2. Exiting Service Mode .....	56	4-2. Chassis .....	92
2-5. Verifying Service Data Changes .....	57	4-3. Bezel Assembly and LCD Panel .....	93
2-6. Resetting to Factory Defaults.....	57	4-5. Connectors (KDL-32SL130 Only) .....	94
		4-6. Connectors (KDL-40SL130 Only) .....	95
		4-7. Speakers .....	96
		<b>SECTION 5: ELECTRICAL PARTS LIST.....</b>	<b>97</b>
		<b>APPENDIX A: ENCRYPTION KEY COMPONENTS.....</b>	<b>A-1</b>

## SPECIFICATIONS

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

### 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

### COMPONENT IN 1/2

#### Y<sub>P</sub> P<sub>B</sub> P<sub>R</sub> (Component Video)

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

P<sub>B</sub>:0.7 Vp-p, 75 ohms

P<sub>R</sub>:0.7 Vp-p, 75 ohms

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

#### AUDIO

500 mVrms (100% modulation)

Impedance: 47 kilohms

### HDMI IN 1/2:

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

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

**AUDIO:** (HDMI IN 2 only) 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:

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-32SL130	KDL-40SL130
<b>Power Consumption</b> in use	158W	180W
	in standby Less than 0.1W	
<b>Speaker Output (W)</b> mm in	10W x 10W	
	42 x 150 mm 1 <sup>11/16</sup> x 6 in	55 x 150 mm 2 <sup>1/4</sup> x 6 in
<b>Dimensions (W x H x D)</b> with stand mm in	790 x 577 x 214 mm 31 <sup>1/8</sup> x 22 <sup>3/4</sup> x 8 <sup>1/2</sup> in	981 x 692 x 265 mm 38 <sup>5/8</sup> x 27 <sup>1/4</sup> x 10 <sup>1/2</sup> in
	<b>Dimensions (W x H x D)</b> without stand mm in	790 x 530 x 100 mm 31 <sup>1/8</sup> x 20 <sup>7/8</sup> x 4 in
<b>Mass</b> with stand kg lbs		17 kg 38 lbs
	<b>without stand</b> kg lbs	14.5 kg 32 lbs

**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)**

31.5 inches (KDL-32SL130 Only)  
 40 inches (KDL-40SL130 Only)

**Supplied Accessories**

Remote Commander RM-YD018  
 Two Size AA (R6) Batteries  
 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-WL500  
 TV Stand  
 RHT-G800

## WARNINGS AND CAUTIONS

### CAUTION

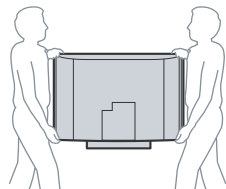
These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

### CARRYING THE TV

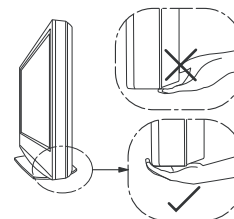
To avoid dropping the TV and causing serious injury, be sure to follow these guidelines:

- Before carrying the TV, disconnect all cables.
- Carrying the large size TV requires two or more people.
- When you carry the TV, place your hand as illustrated and hold it securely. Do not put stress on the LCD panel.

KDL-32SL130/KDL-40SL130



- When lifting or moving the TV, hold it firmly from the bottom. Place your palm directly under the panel.




- When carrying, do not subject the TV to shocks or vibration, or excessive force.

### 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!!

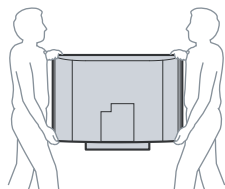
Ces instructions de service sont à l'usage du personnel de service qualifié seulement. Pour prévenir le risque de choc électrique, ne pas faire l'entretien autre que celui contenu dans le Mode d'emploi à moins que vous soyez qualifié faire ainsi.

### POUR TRANSPORTER LE TÉLÉVISEUR

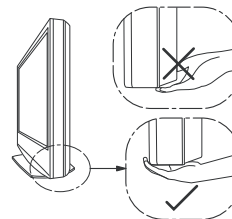
Assurez-vous de suivre ces consignes pour éviter de laisser tomber le téléviseur et de provoquer des blessures graves :

- Avant de transporter le téléviseur, débranchez tous les câbles.
- Le transport du téléviseur doit être effectué par au moins deux personnes.
- Lorsque vous le transportez, placez vos mains tel que cela est illustré et tenez solidement l'appareil. N'appliquez pas de pression sur l'écran ACL.

KDL-32SL130/KDL-40SL130



- Lorsque vous levez ou déplacez le téléviseur, assurez-vous de tenir solidement de la base. Placez la paume des mains directement sous le panneau.




- Lorsque vous transportez le téléviseur, ne le soumettez pas à des chocs ou vibrations, ni à une force excessive.

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

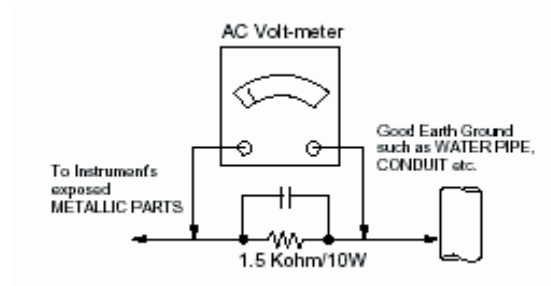
When repairing the LCD panel, be sure you are grounded by using a wrist band.

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:

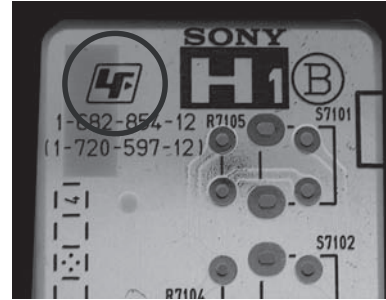
- do not press on the panel or frame edge to avoid the risk of electric shock.
- do not scratch or press on the panel with any sharp objects.
- do not leave the module in high temperatures or in areas of high humidity for an extended period of time.
- do not expose the LCD panel to direct sunlight.
- 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

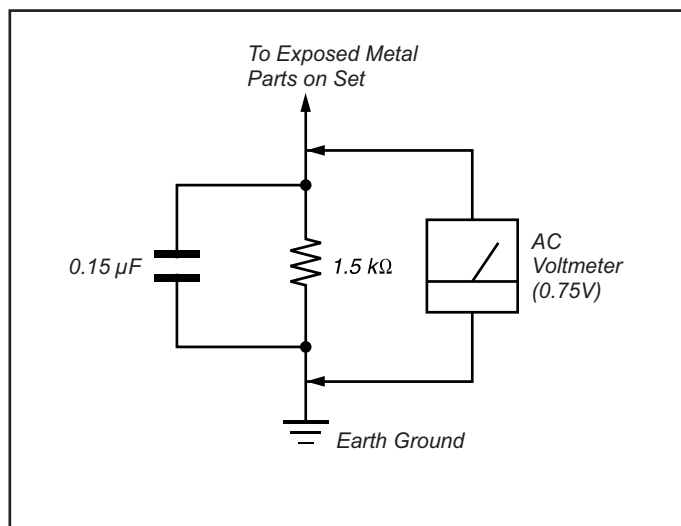


Figure A. Using an AC voltmeter to check AC leakage.

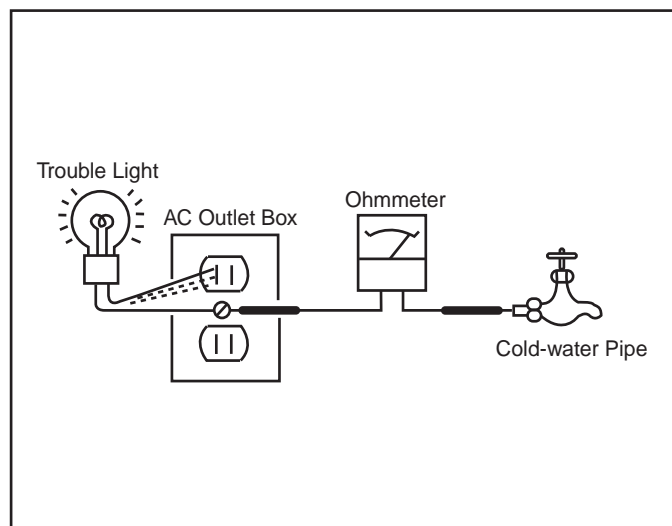


Figure B. Checking for earth ground.

# SELF-DIAGNOSTIC FUNCTION

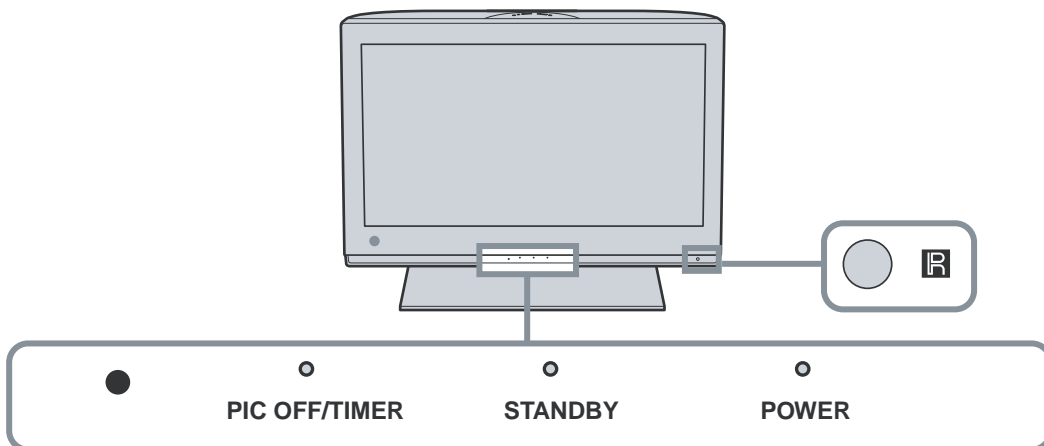


The units in this manual contain a self-diagnostic function. If an error occurs, the STANDBY LED indicator will automatically begin to flash. The number of times the LED flashes translates to a probable source of the problem. A definition of the STANDBY LED flash indicators is listed in the instruction manual for the user's knowledge and reference. If an error symptom cannot be reproduced, the Remote Commander can be used to review the failure occurrence data stored in memory to reveal past problems and how often these problems occur.

## 1. Diagnostic Test Indicators

When an error occurs, the STANDBY LED indicator will flash a set number of times to indicate the possible cause of the problem. If there is more than one error, the indicator will identify the first of the problem areas.

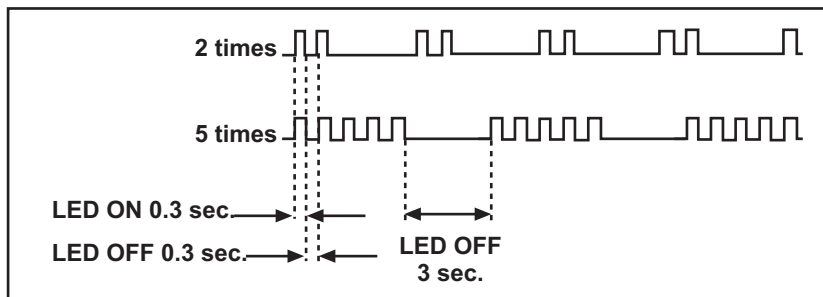
### Control Buttons



### Description of LED Indicators

LED	LED Type	Description
POWER LED	Green LED	* Light is green when the TV set is on
STANDBY LED	Red LED	* Lights is red when the TV is in PC standby mode * Blinks red when indicating the TV may need servicing
PIC OFF/TIMER LED	Amber/Green LED	* Light is green when the <b>Picture Off</b> feature is activated * Light is amber when the timer is set

### Display of STANDBY LED Flash Count



### Viewing the Self Check Diagnostic List

- TV must be in standby mode. (Power off).
- Press the following buttons on the Remote Commander within a second of each other:



Results for all of the following diagnostic items are displayed on screen. No error has occurred if the screen displays a "0".

SELF CHECK	PAGE 1	
002 MAIN_POWER	01	← 1 indicates an error was detected
003 DC_ALERT1	00	← 0 indicates no error was detected
004 DC_ALERT2	00	
005 DC_ALERT3	00	
006 BACK_LIGHT	00	
013 BACK_LIGHT_BALANCE	00	
00009-00019-00009		

- Press the Channel 1 button on the Remote Commander to go to Page 2 of the Self Check list.

SELF CHECK	PAGE 2
008 SP_PROT	01
007 TEMP	00
011 TRIDENT_IC	00
010 DIGITAL	00
009 NA	00
007 HFR_OVERHEAT	00
012 HFR_ERROR	
00009-00019-00009	

- Press the Channel 4 button on the Remote Commander to go back to Page 1 of the Self Check list.

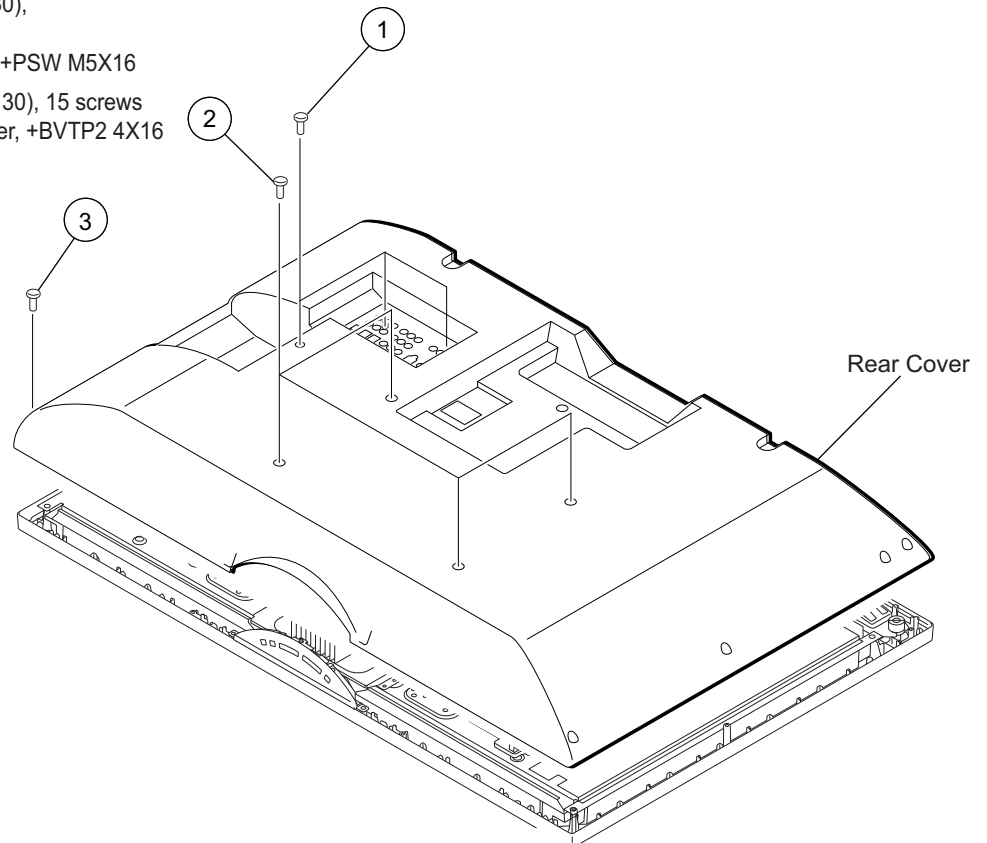
### Clearing the Self Check Diagnostic List

- In Service Mode, press the Channel 8 → Channel 0.

## SECTION 1: DISASSEMBLY

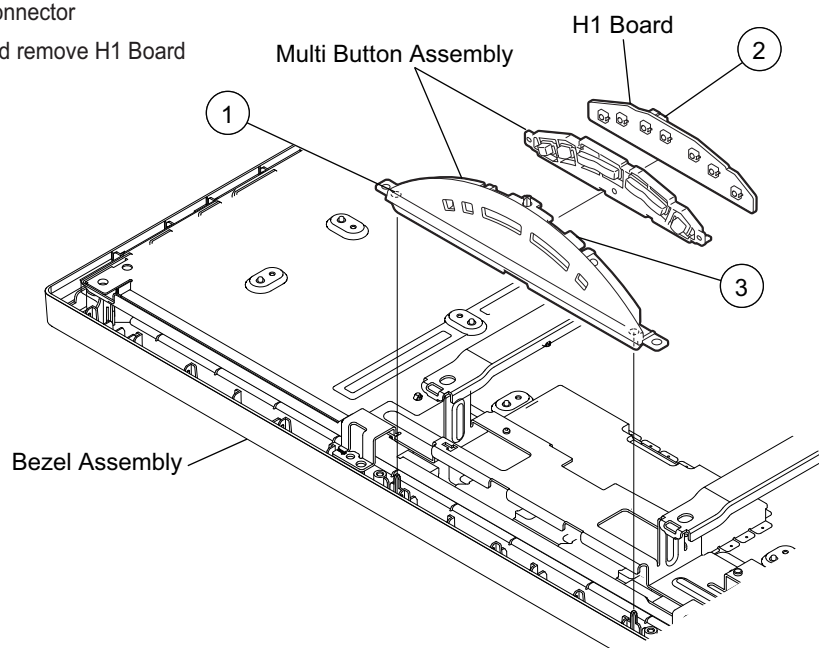
### 1-1. REAR COVER REMOVAL

- ① Remove 3 screws from Terminals, +BVTP 3X12 TYPE2 IT-3
- ② Remove 2 screws (KDL-32SL130), 4 screws (KDL-40SL130) from Rear Cover arm positions, +PSW M5X16
- ③ Remove 14 screws (KDL-32SL130), 15 screws (KDL-40SL130), from Rear Cover, +BVTP2 4X16



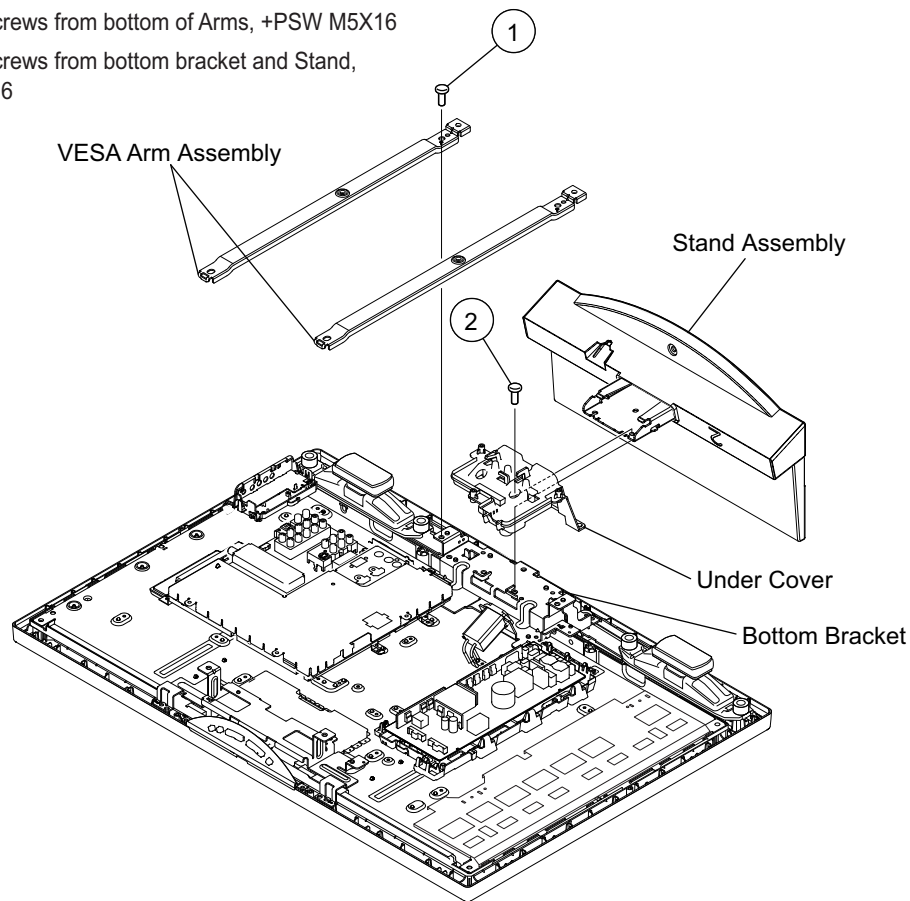
### 1-2. H1 BOARD REMOVAL

- ① Remove from bezel
- ② Disconnect one connector
- ③ Release hooks and remove H1 Board



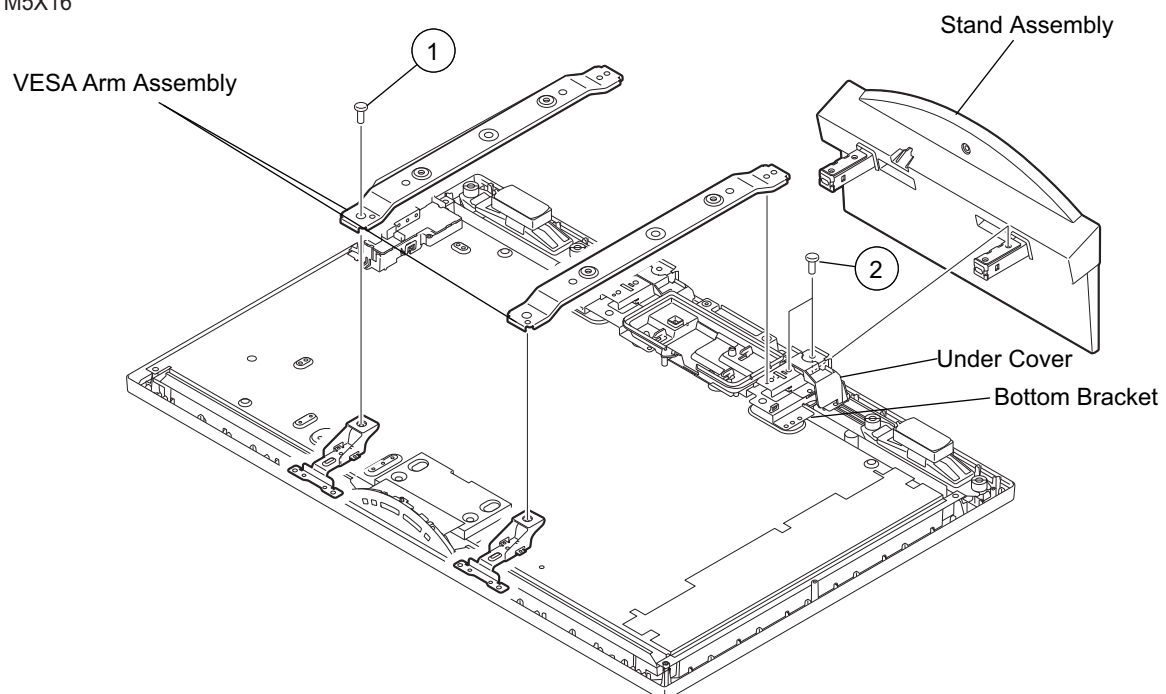
### 1-3. STAND ASSEMBLY AND VESA ARM ASSEMBLY REMOVAL (KDL-32SL130 ONLY)

- ① Remove 2 screws from bottom of Arms, +PSW M5X16
- ② Remove 3 screws from bottom bracket and Stand, +PSW M5X16



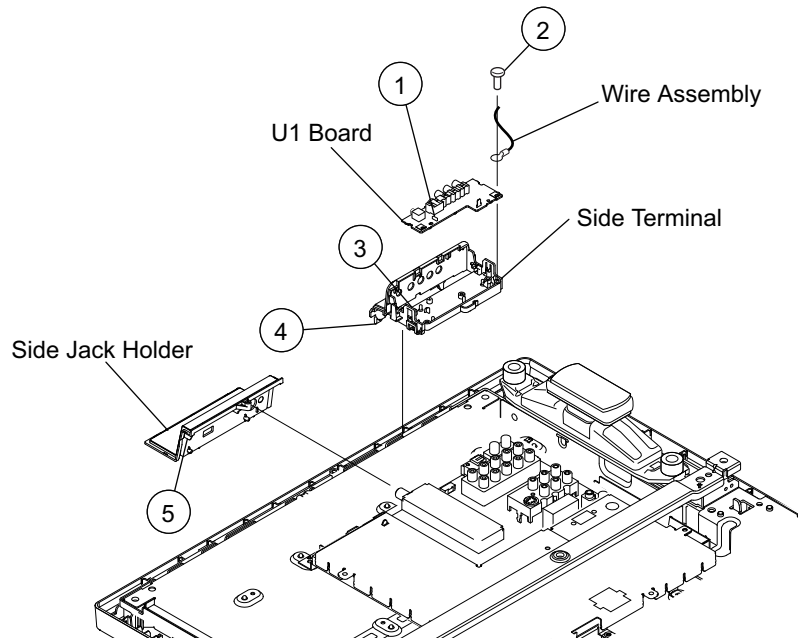
### 1-4. STAND ASSEMBLY AND VESA ARM ASSEMBLY REMOVAL (KDL-40SL130 ONLY)

- ① Remove 4 screws from bottom of Arms, +PSW M5X16
- ② Remove 4 screws from bottom bracket and Stand, +PSW M5X16



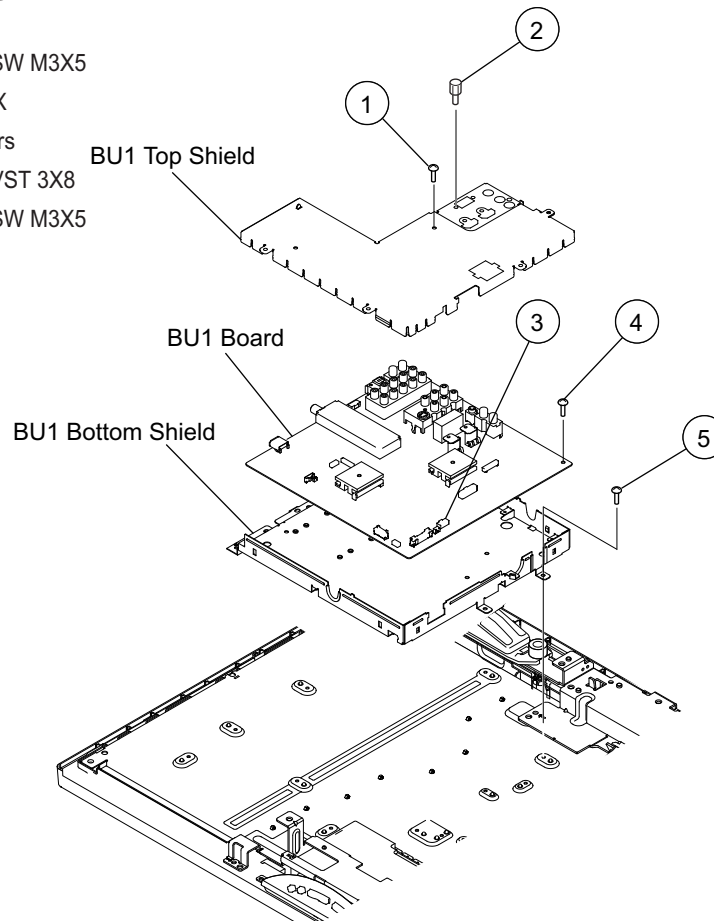
## 1-5. U1 BOARD, SIDE TERMINAL AND SIDE JACK HOLDER REMOVAL

- ① Disconnect one connector
- ② Remove one screw, +BVTP 3X12 TYPE2 IT-3
- ③ Release hooks and remove U1 Board.
- ④ Remove Side Terminal from Bezel.
- ⑤ Release hooks to remove Side Jack Holder from BU1 bottom shield.



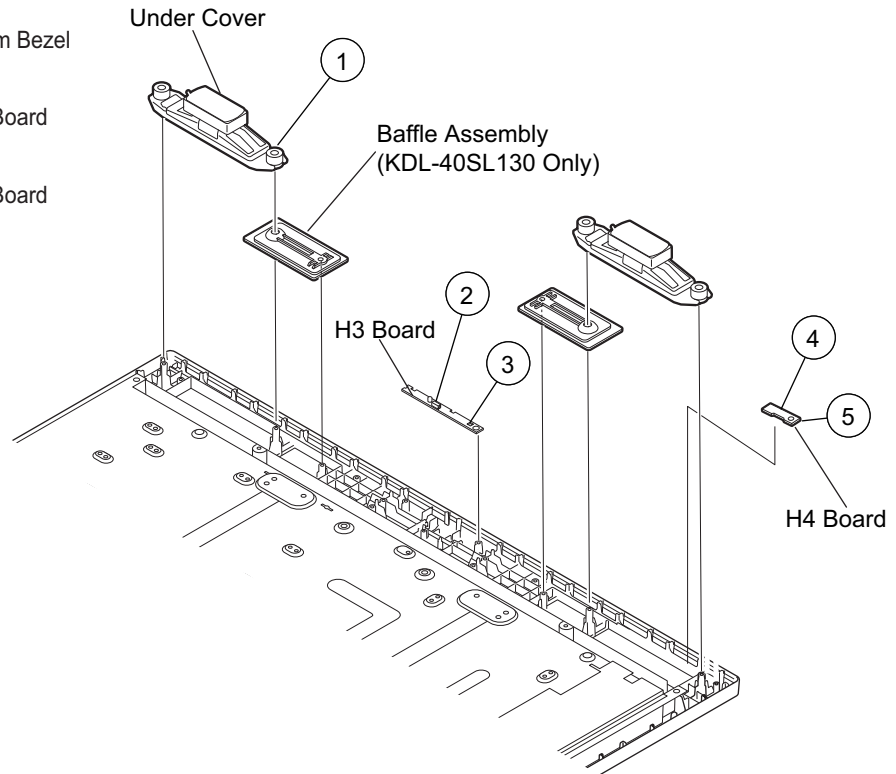
## 1-6. BU1 BOARD REMOVAL

- ① Remove 2 screws, +PSW M3X5
- ② Remove 2 screws, HEX
- ③ Disconnect 5 connectors
- ④ Remove 7 screws, +BVST 3X8
- ⑤ Remove 5 screws, +PSW M3X5



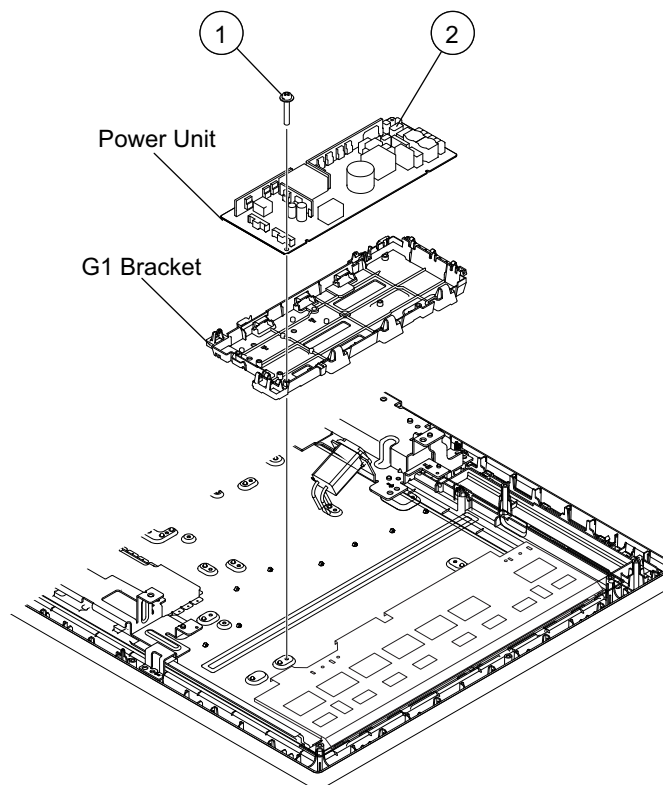
## 1-7. SPEAKER, H3 BOARD, AND H4 BOARD REMOVAL

- ① Slide out Speaker and Baffle from Bezel
- ② Disconnect one connector
- ③ Release hooks and remove H3 Board
- ④ Disconnect one connector
- ⑤ Release hooks and remove H4 Board



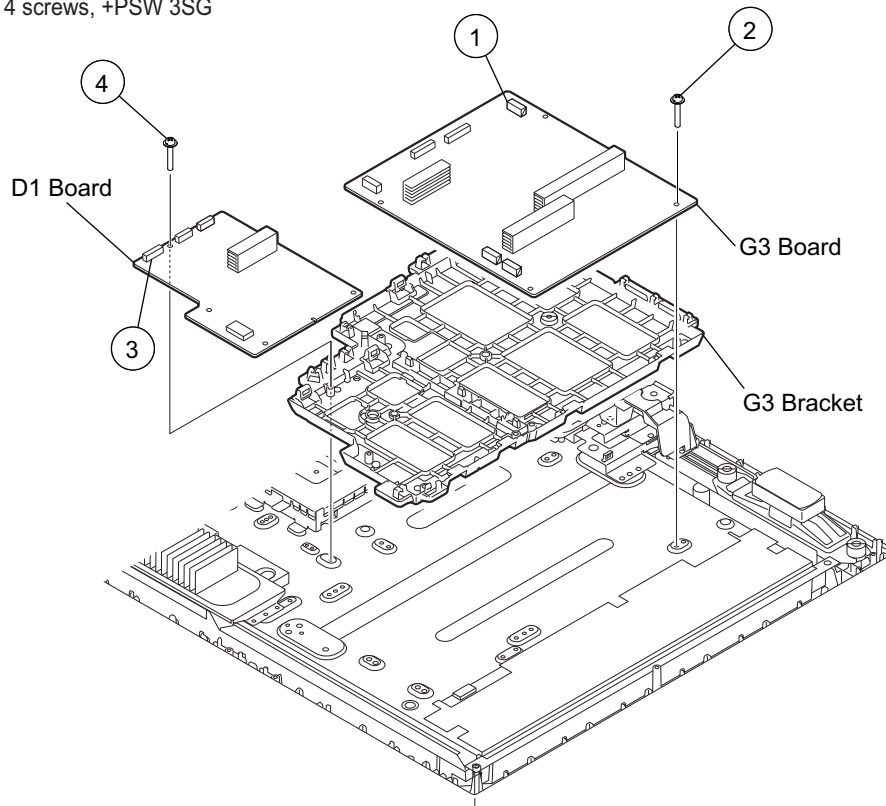
## 1-8. G1H BOARD (POWER UNIT) AND G1 BRACKET REMOVAL (KDL-32SL130 ONLY)

- ① Remove 4 screws, +PSW 3SG
- ② Disconnect 3 connectors



## 1-9. G3 BOARD (POWER UNIT) AND D1 BOARD REMOVAL (KDL-40SL130 ONLY)

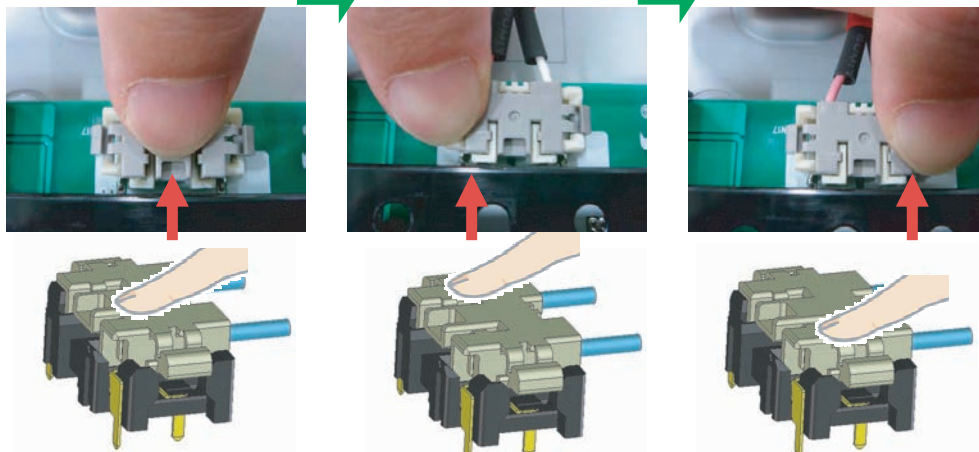
- ① Disconnect 6 connectors
- ② Remove 4 screws, +PSW 3SG
- ③ Disconnect 4 connectors
- ④ Remove 4 screws, +PSW 3SG



### 1-9-1. REPLACING THE INVERTER CONNECTOR ASSEMBLY (KDL-40SL130 ONLY)

Use the following procedure to confirm that the Inverter connector is securely attached to the board.

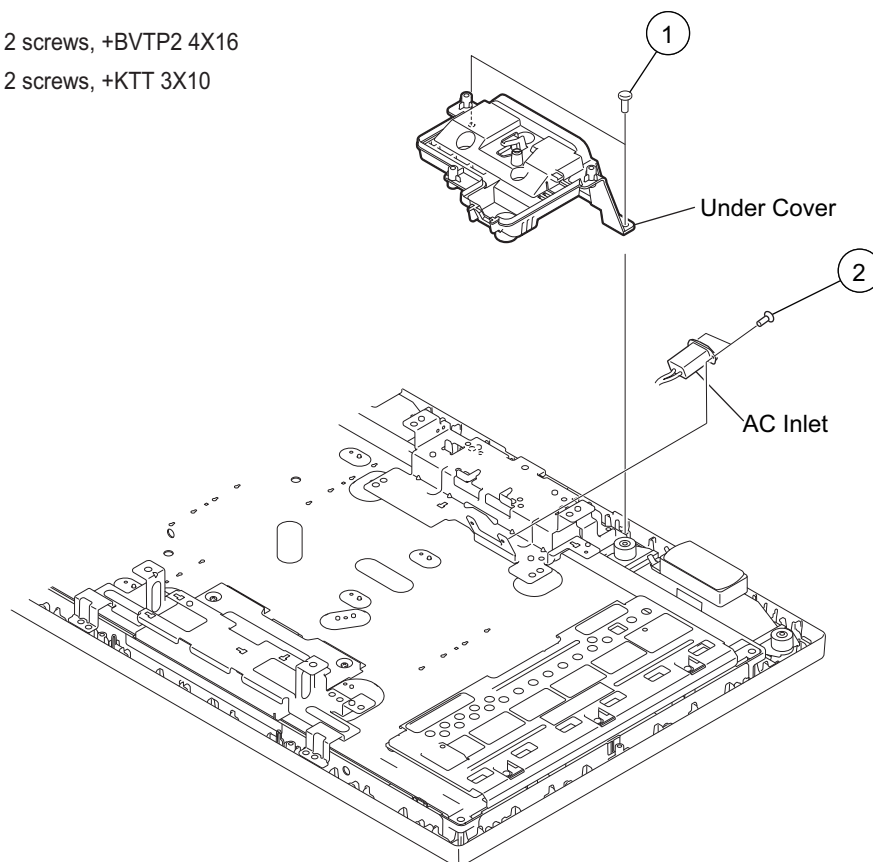
- ① After inserting the connector into the board, push the middle section of the inverter connector to confirm it is securely connected.
- ② Push the right section of the inverter connector and confirm it is securely connected.
- ③ Push the left section of the inverter connector and confirm it is securely connected.





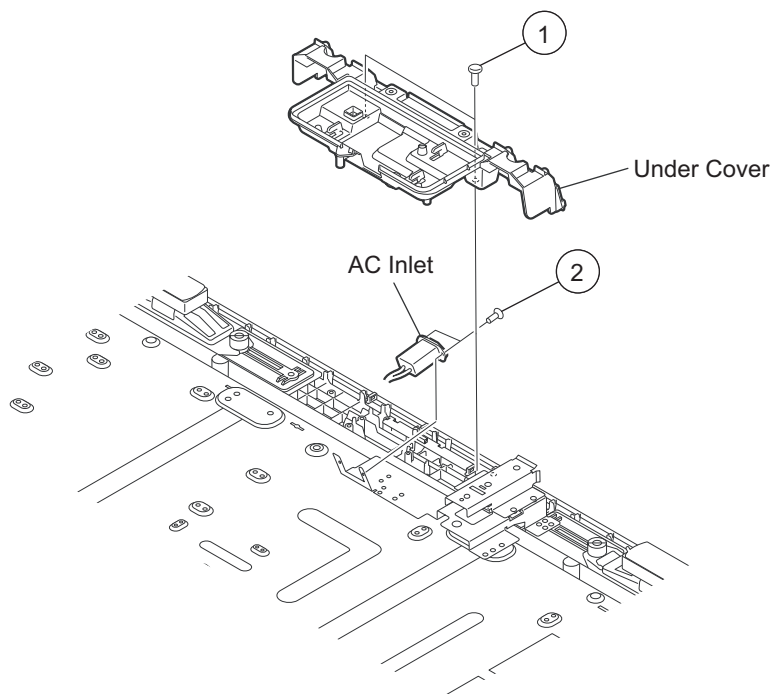
### 1-10. AC INLET REMOVAL (KDL-32SL130 ONLY)

- ① Remove 2 screws, +BVTP2 4X16
- ② Remove 2 screws, +KTT 3X10



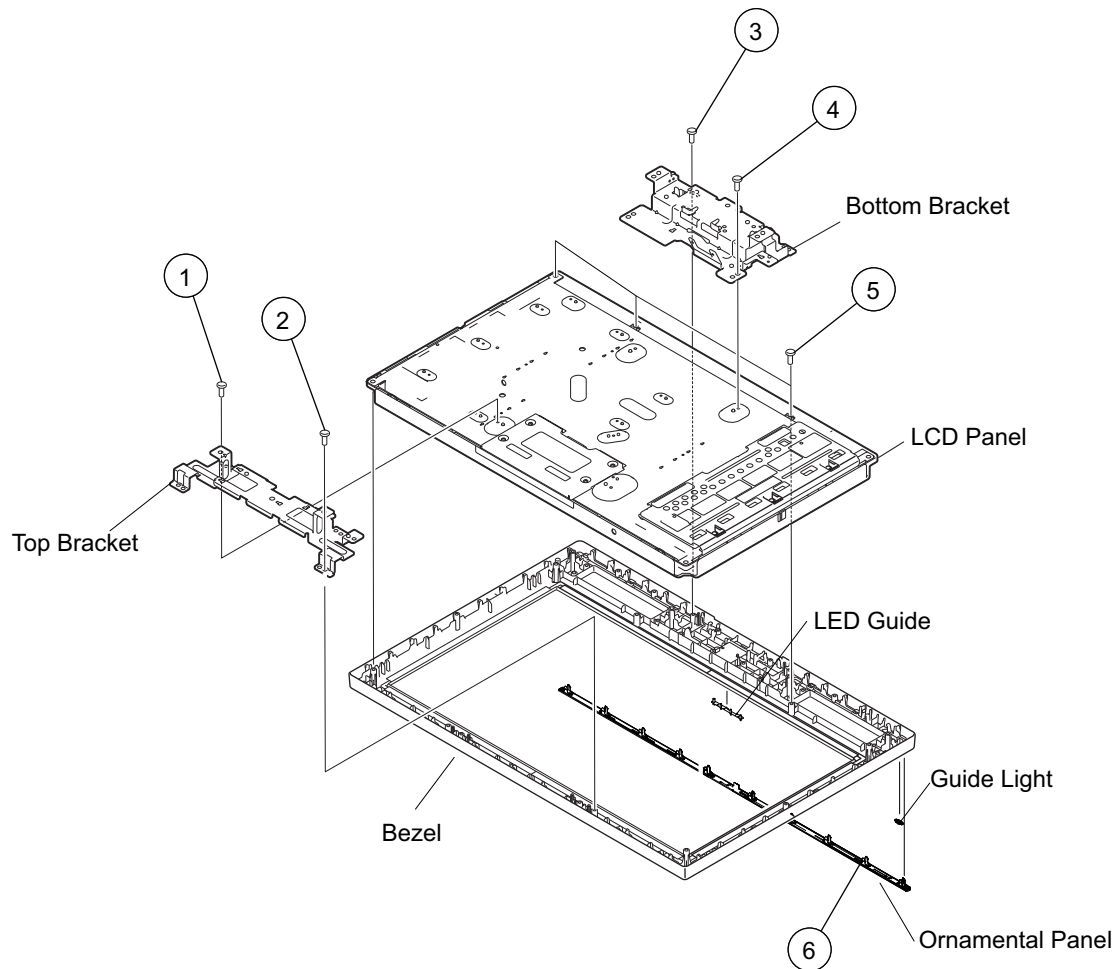
### 1-11. AC INLET REMOVAL (KDL-40SL130 ONLY)

- ① Remove 2 screws, +BVTP2 4X16
- ② Remove 2 screws, +KTT 3X10



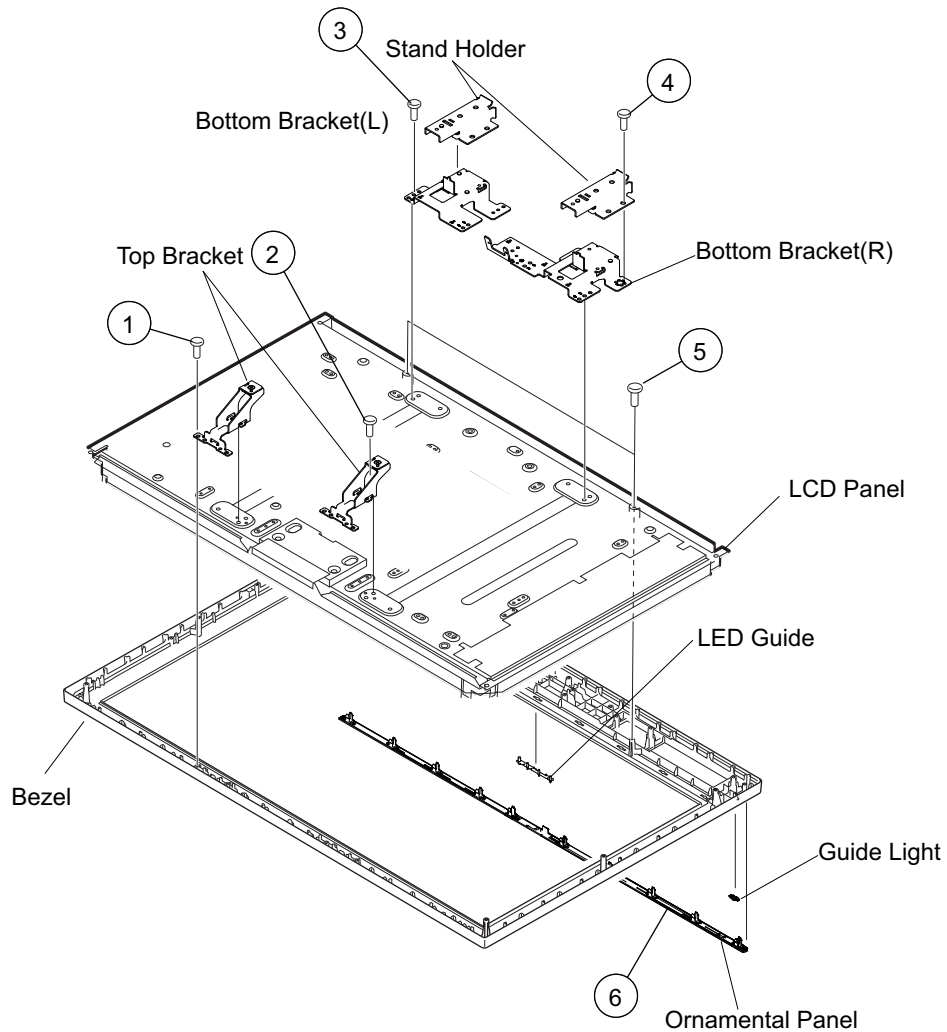
## 1-12. LCD PANEL, LED AND GUIDE LIGHT REMOVAL (KDL-32SL130 ONLY)

- ① Remove 2 screws, +PSW M4X8
- ② Remove 2 screws, +BVTP2 4X16
- ③ Remove 2 screws, +BVTP2 4X16
- ④ Remove 2 screws, +PSW M4X8
- ⑤ Remove 3 screws, +BVTP2 4X16
- ⑥ Remove ornamental panel and slide out LED Guide and Light Guide



### 1-13. LCD PANEL, LED AND GUIDE LIGHT REMOVAL (KDL-40SL130 ONLY)

- ① Remove 2 screws from Bezel and Top Brackets, +BVTP2 4X16
- ② Remove 4 screws from Top Brackets, +PSW M5X8
- ③ Remove 4 screws from Bottom Brackets, + PSW M5X12
- ④ Remove 4 screws from Stand Holders, +PSW M5X16
- ⑤ Remove 2 screws from LCD Panel, +BVTP2 4X16
- ⑥ Remove ornamental panel and slide out LED Guide and Light Guide

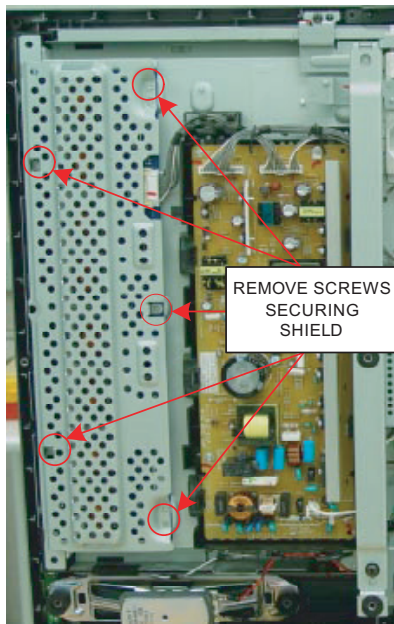
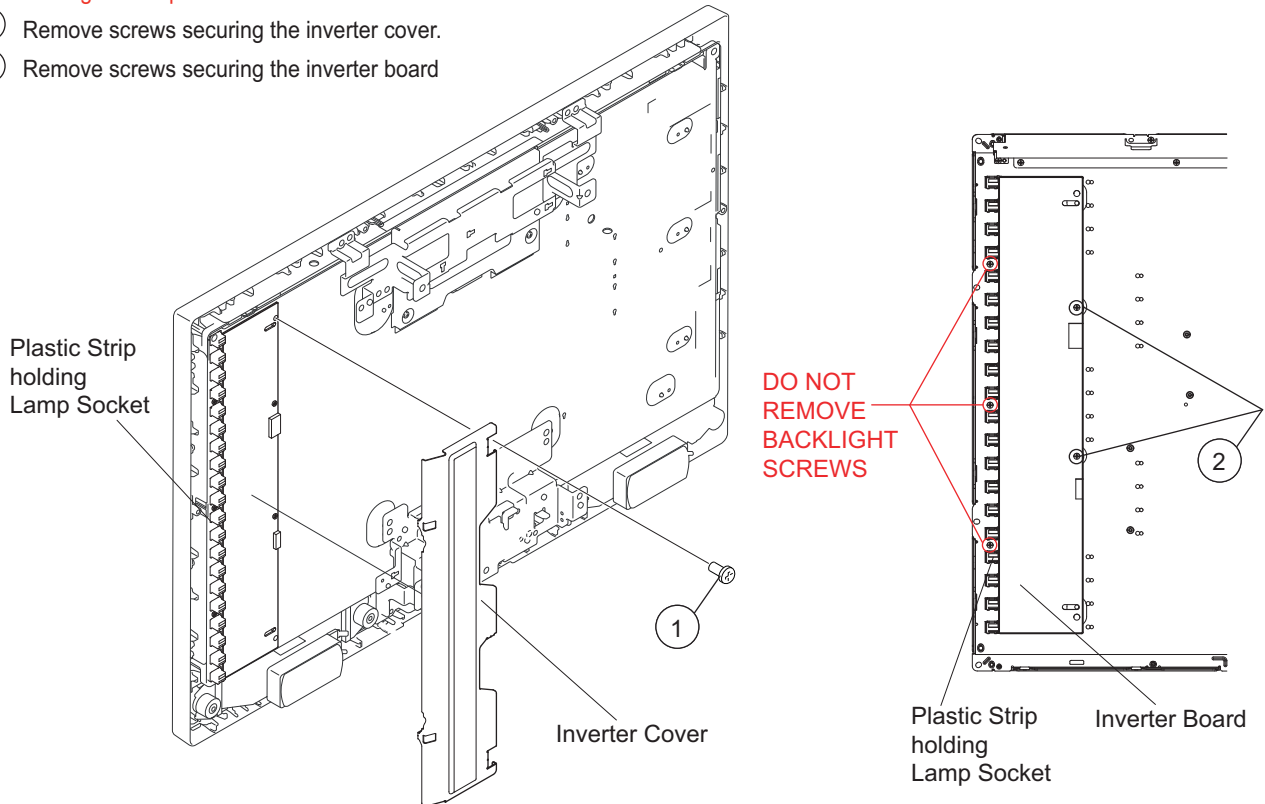


## 1-14. INVERTER BOARD REMOVAL

**CAUTION:**

Be sure to identify the inverter cover screws before proceeding. **DO NOT** remove the screws securing the plastic strip holding the lamp sockets.

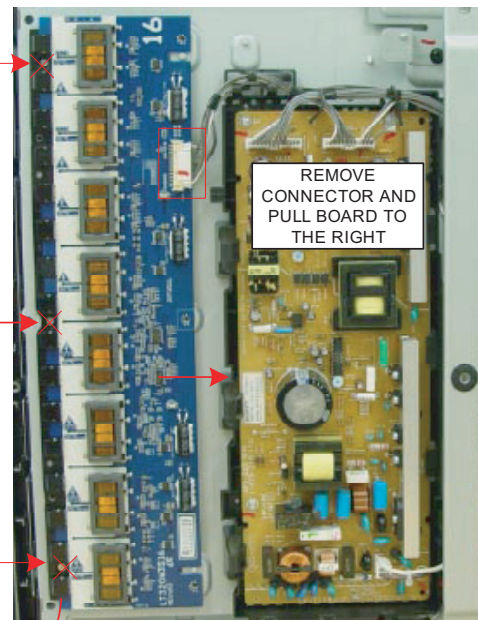
- ① Remove screws securing the inverter cover.
- ② Remove screws securing the inverter board



SHIELD REMOVAL

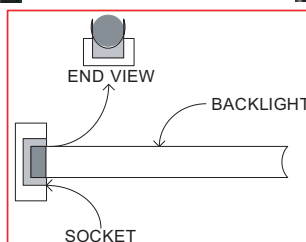
**WARNING!**

NEVER REMOVE THE SCREWS SECURING THE PLASTIC STRIP HOLDING THE LAMP SOCKETS. DAMAGE TO THE BACKLIGHT TUBES WILL OCCUR!



**INVERTER BOARD REMOVAL**

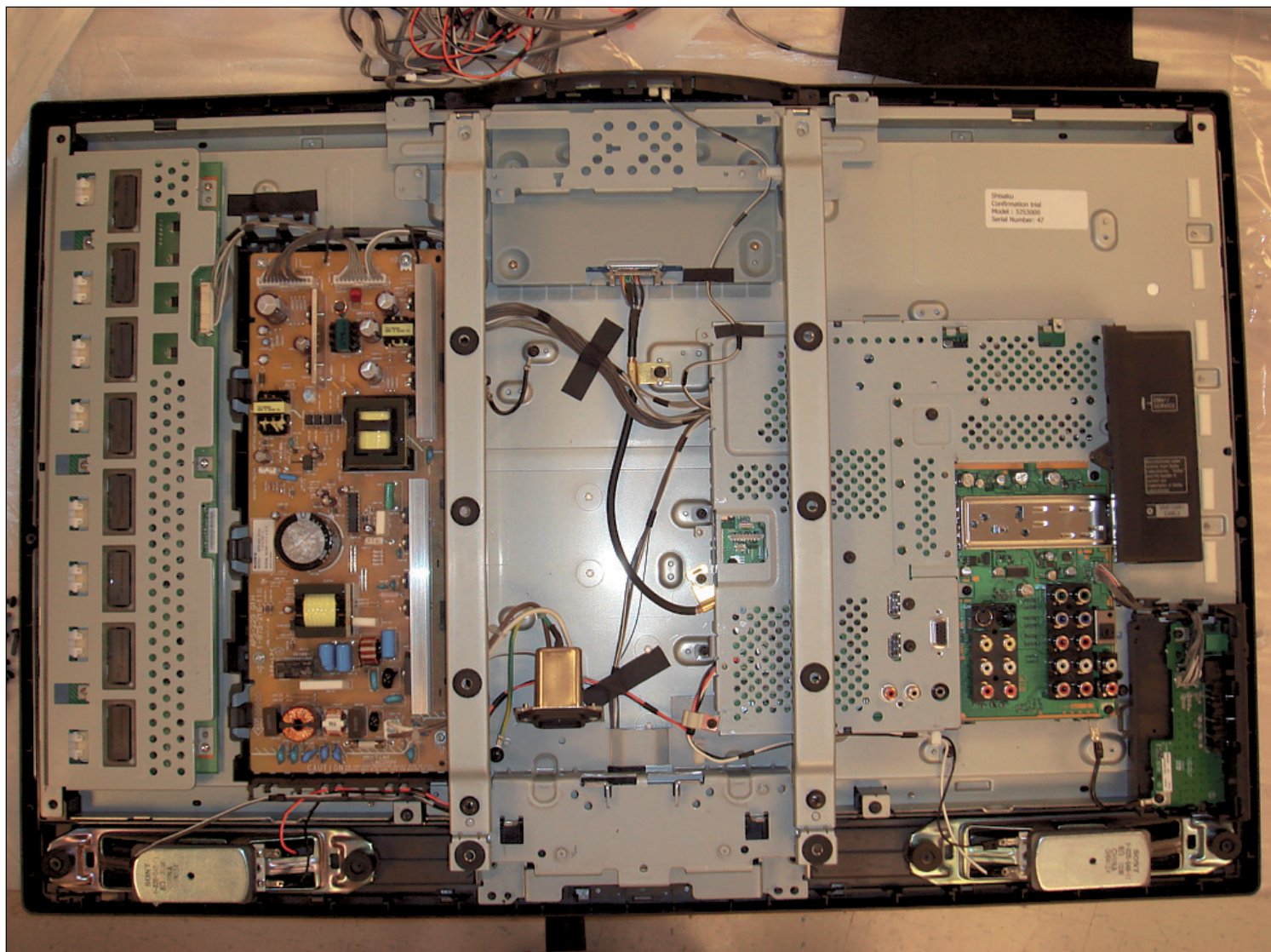
Only remove the screws securing the inverter cover which may be metal or plastic. The remaining plastic strip contains sockets for the fluorescent backlights and should never be loosened. The backlights will pop out of the sockets and/or break the backlight requiring a LCD panel replacement. The example shown is a 32" model but applies to all models.



# WIRE DRESSING

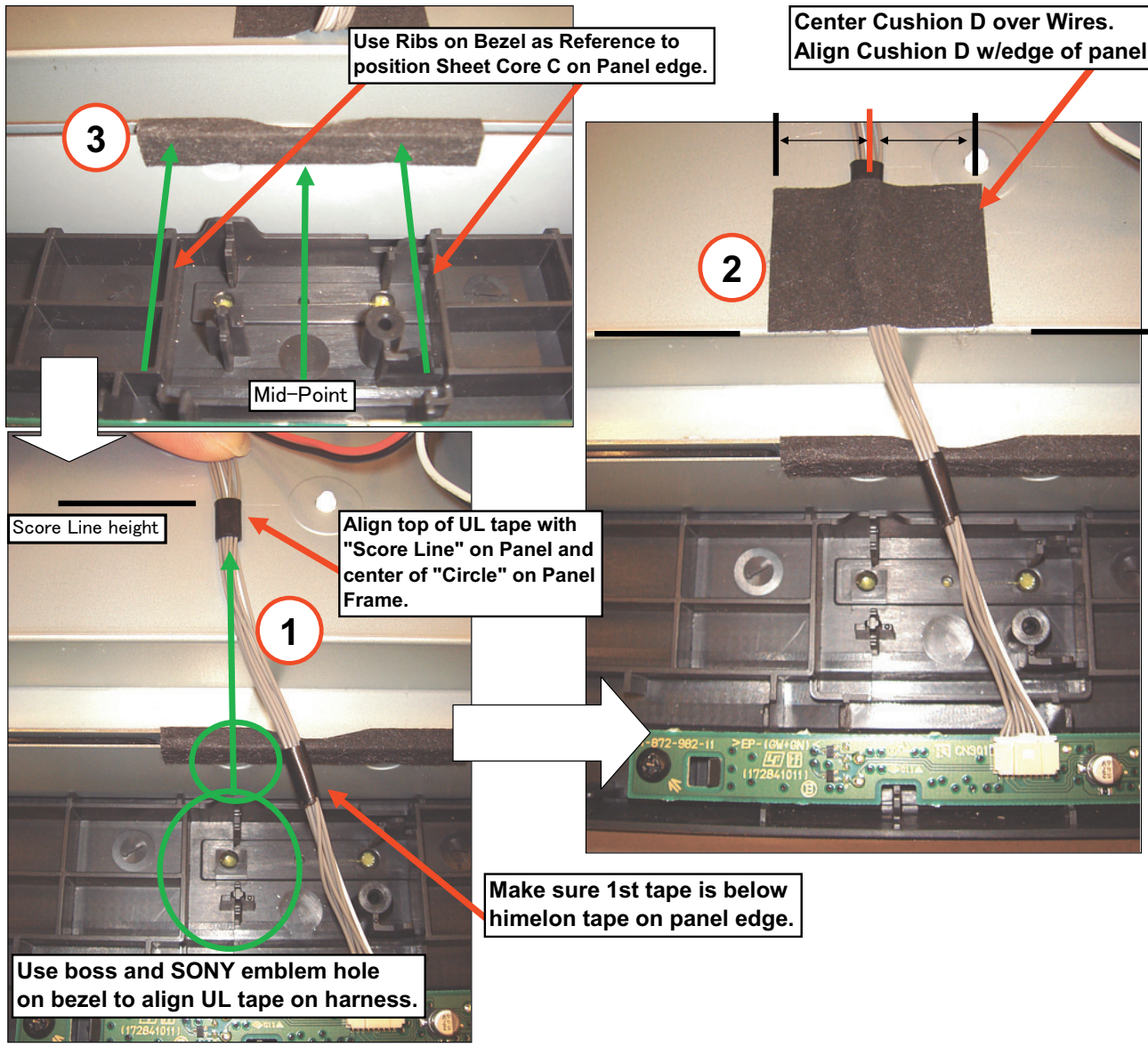
KDL-32SL130 ONLY

OVERALL VIEW



KDL-32SL130 ONLY

H3 BOARD HARNESS

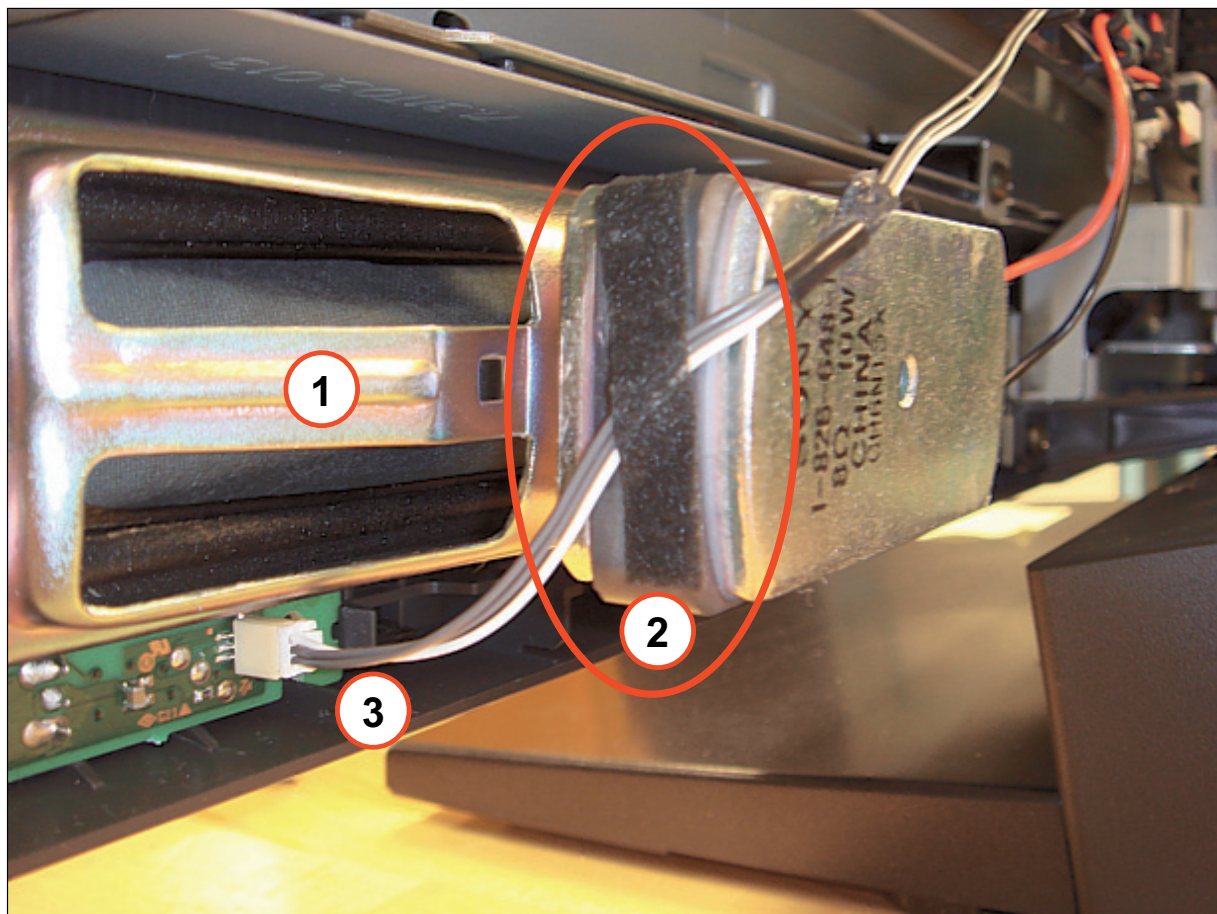


OPERATION PROCESS

1. Apply Sheet Core C to edge of Panel to cover sharp edge of panel.
2. Align H3 harness as shown in photo. Take caution not to create tension on the H3 connector! Connector will unlock.
3. Apply Cushion D as shown in 3rd photo.

## KDL-32SL130 ONLY

## H4 BOARD

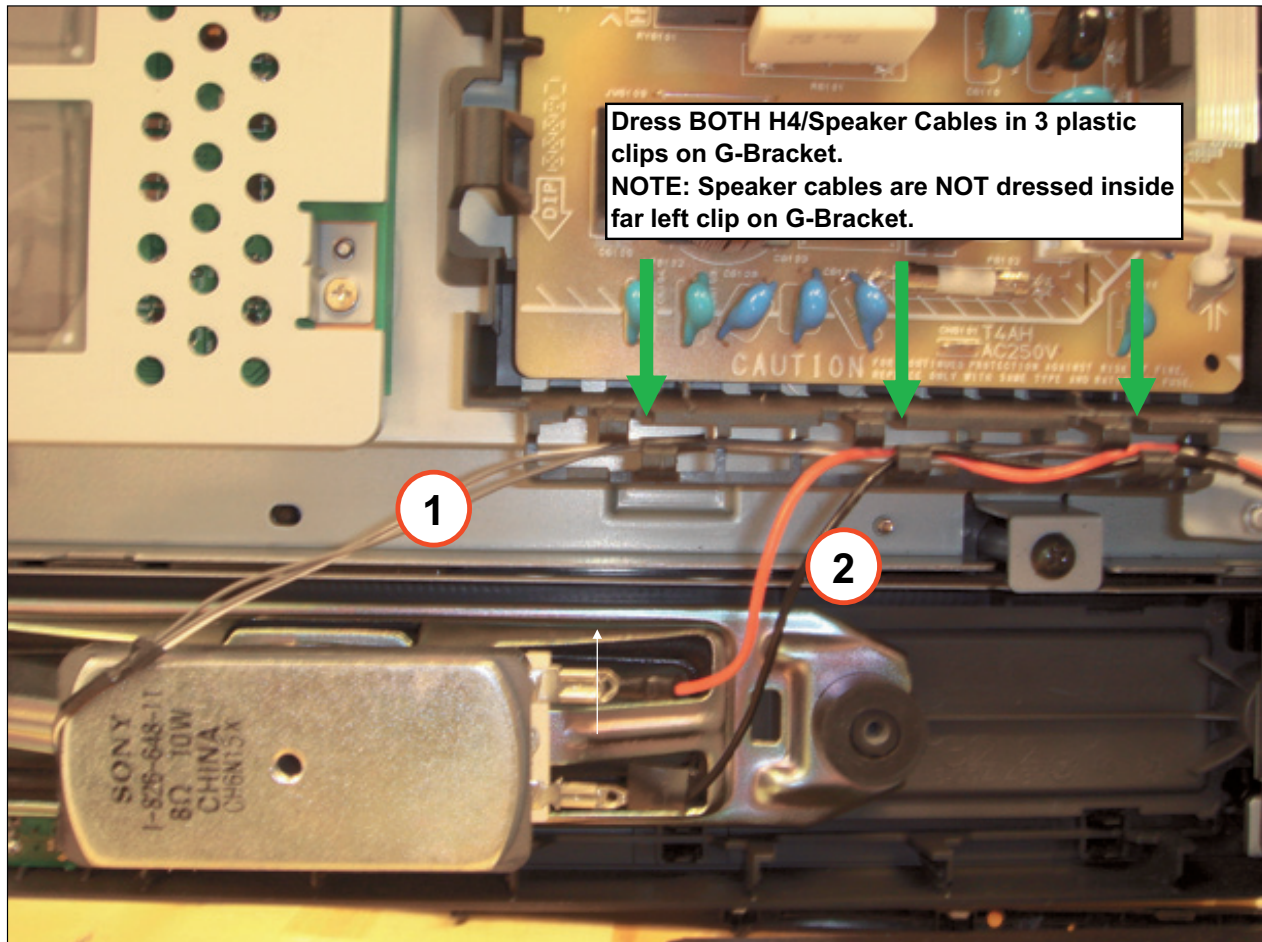
**OPERATION PROCESS**

1. Install H4-Bd BEFORE installing the speakers/baffles.
2. Apply LCD Tape on SIDE of the magnet on Rt. Speaker to hold the H4 Cables.
3. MAKE SURE there is slack in the cable between the H4 Connector and LCD Tape.  
Tension on the cable will cause the Connector to lift or break.

x

## KDL-32SL130 ONLY

## H4 BOARD AND RIGHT SPEAKER



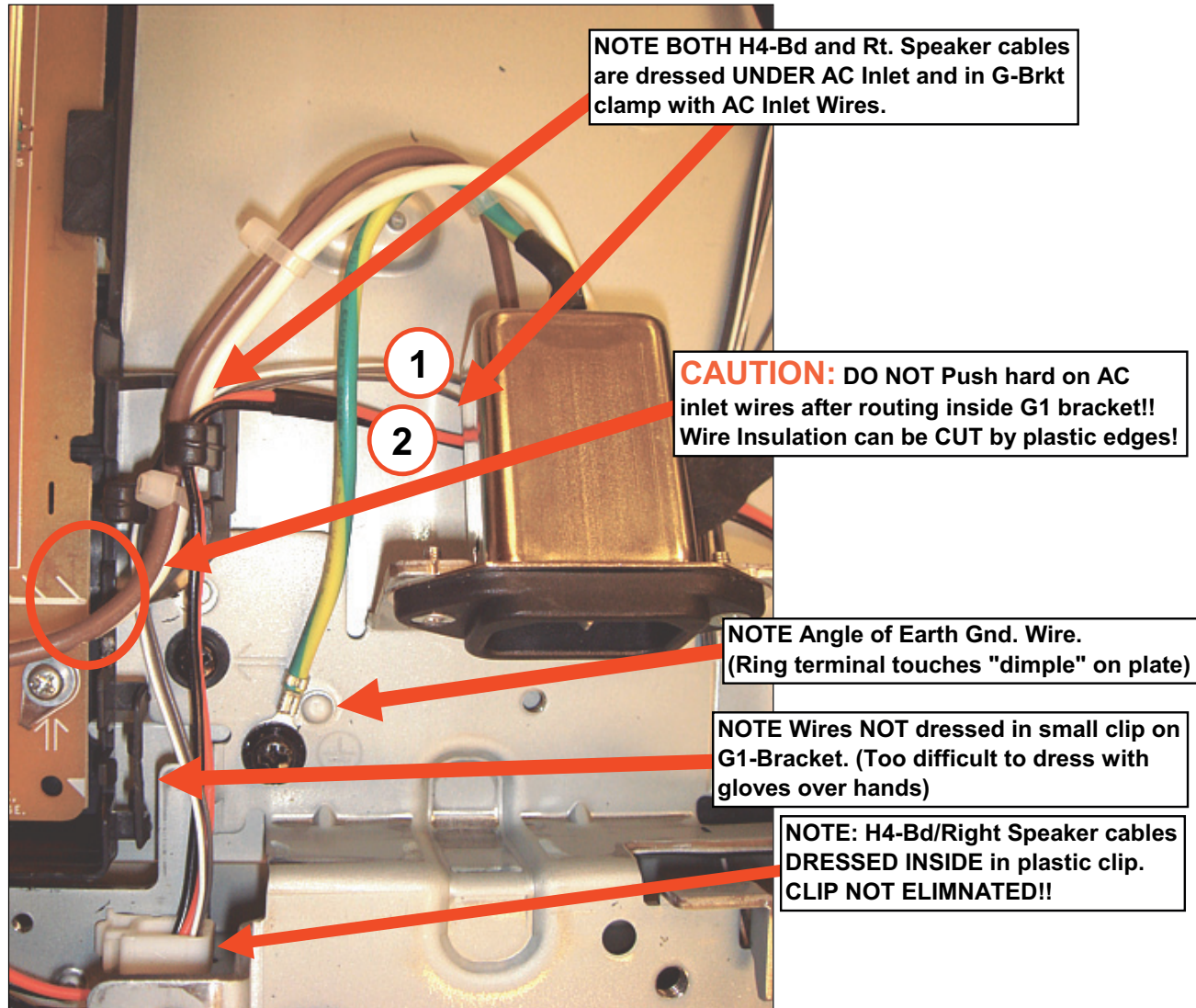
## OPERATION PROCESS

Wire Dress Rt. Speaker wires and H4 cables in G-Bracket clips (x3)  
 NOTE: Rt. Spkr. Wires are NOT dressed in far LEFT G-Bracket clip!



## KDL-32SL130 ONLY

## H4 BOARD AND RIGHT SPEAKER (CONTINUED)



## OPERATION PROCESS

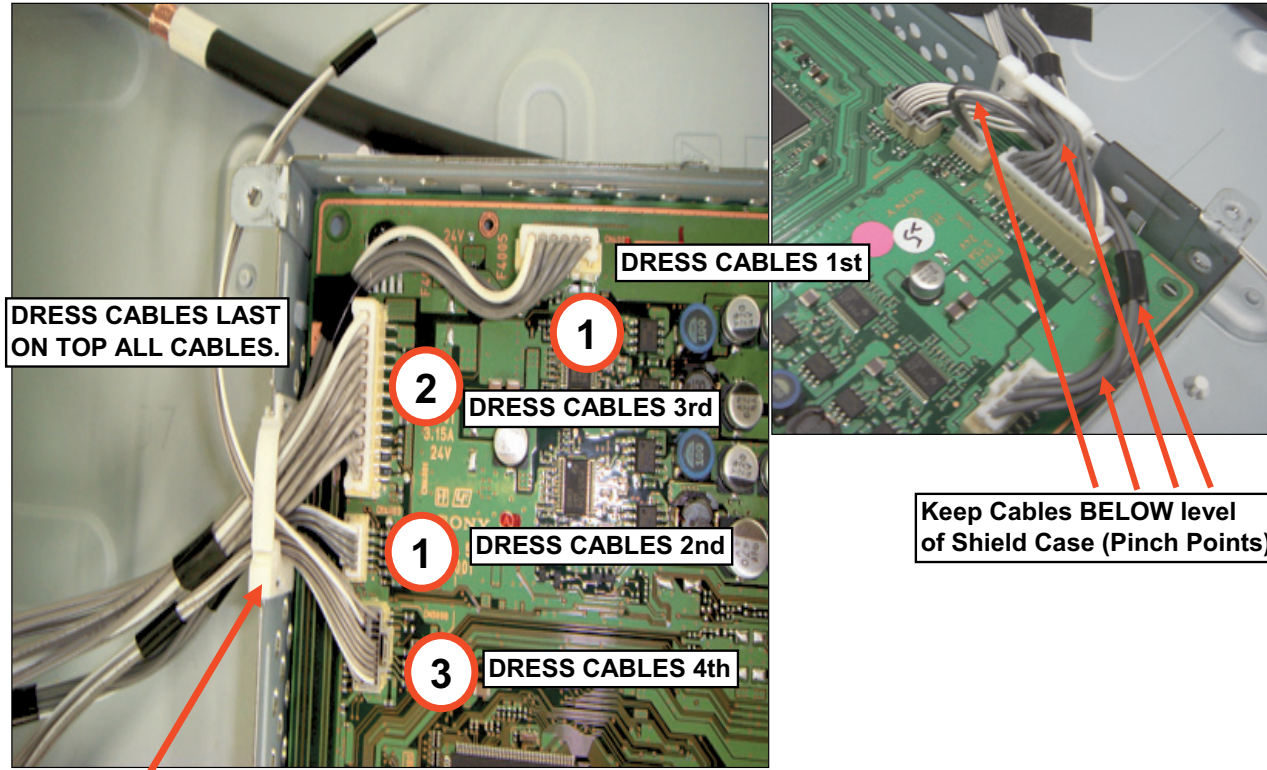
1. Wire Dress Right Speaker wires and H4 cables in side clamp (white) and G3-Bd bracket clip (black).

NOTE: H4-Bd/Rt. Speaker cables are dressed UNDER AC Inlet.

2. Dress AC Inlet cables as shown.  
Make sure Green/Yellow Earth Gnd. Is screwed into lower LCD Bracket (w/4x8mm screw)

KDL-32SL130 ONLY

CORE BLOCK HARNESS



DRESS CABLES LAST ON TOP ALL CABLES.

DRESS CABLES 1st

1

DRESS CABLES 3rd

2

1

DRESS CABLES 2nd

3

DRESS CABLES 4th

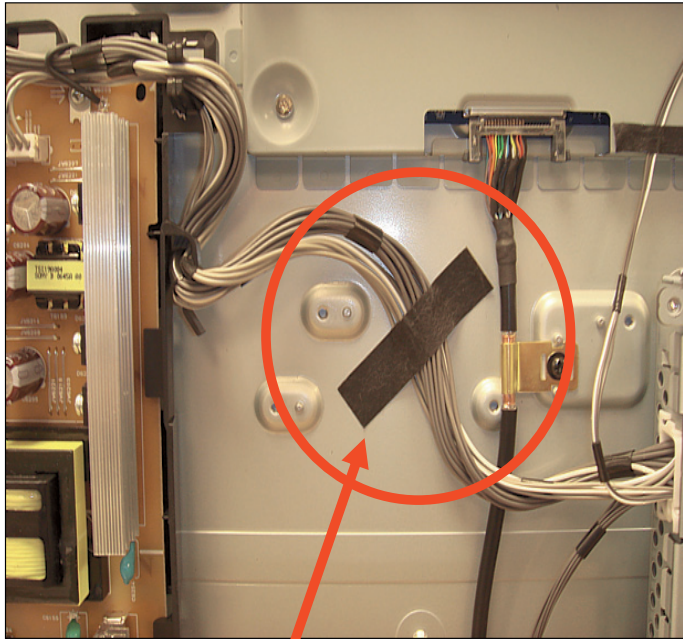
Keep Cables BELOW level of Shield Case (Pinch Points)

NOTE order and direction of cables!

OPERATION PROCESS
Route/Dress Harnesses connected to Core Block as Shown
NOTE Order & Direction of Cables in plastic Clip on Shield Case.

**KDL-32SL130 ONLY**

**CORE BLOCK HARNESS (CONTINUED)**



**NOTE Routing of cables and position of Sheet Core C.**



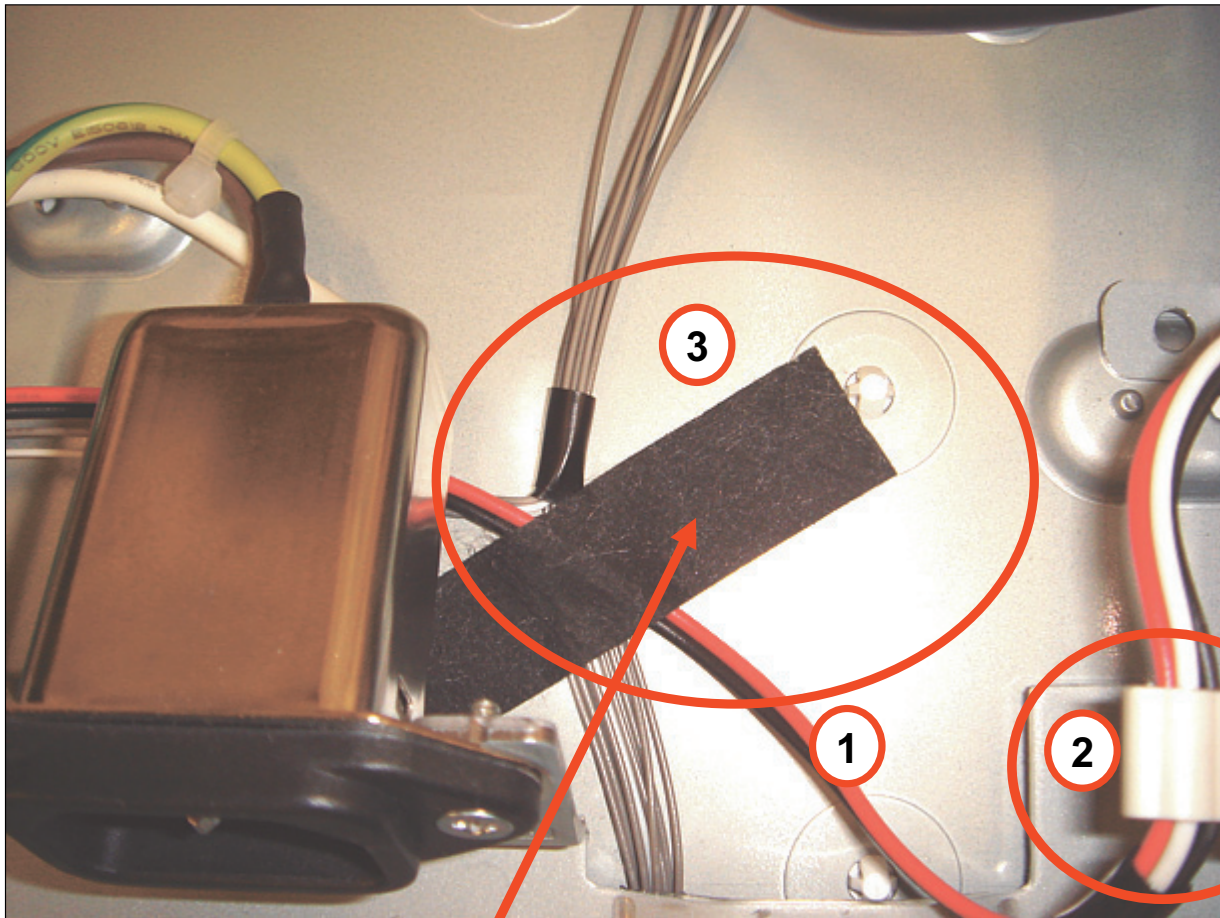
**NOTE direction of wires dressed in G-Bracket.**

OPERATION PROCESS
Route/Dress Core-Block cables as shown
Put Attention on DIRECTION of cables in G-Bracket.
Put Attention on the position of the Sheet Core C and routing of the Cables between Core Block and G1-Bracket.



## KDL-32SL130 ONLY

## SPEAKER HARNESS



Apply Sheet Core C to BOTH H4/H3 AND Right Speaker Wires.  
Align edge of tape with White Plastic Peg On Panel.

## OPERATION PROCESS

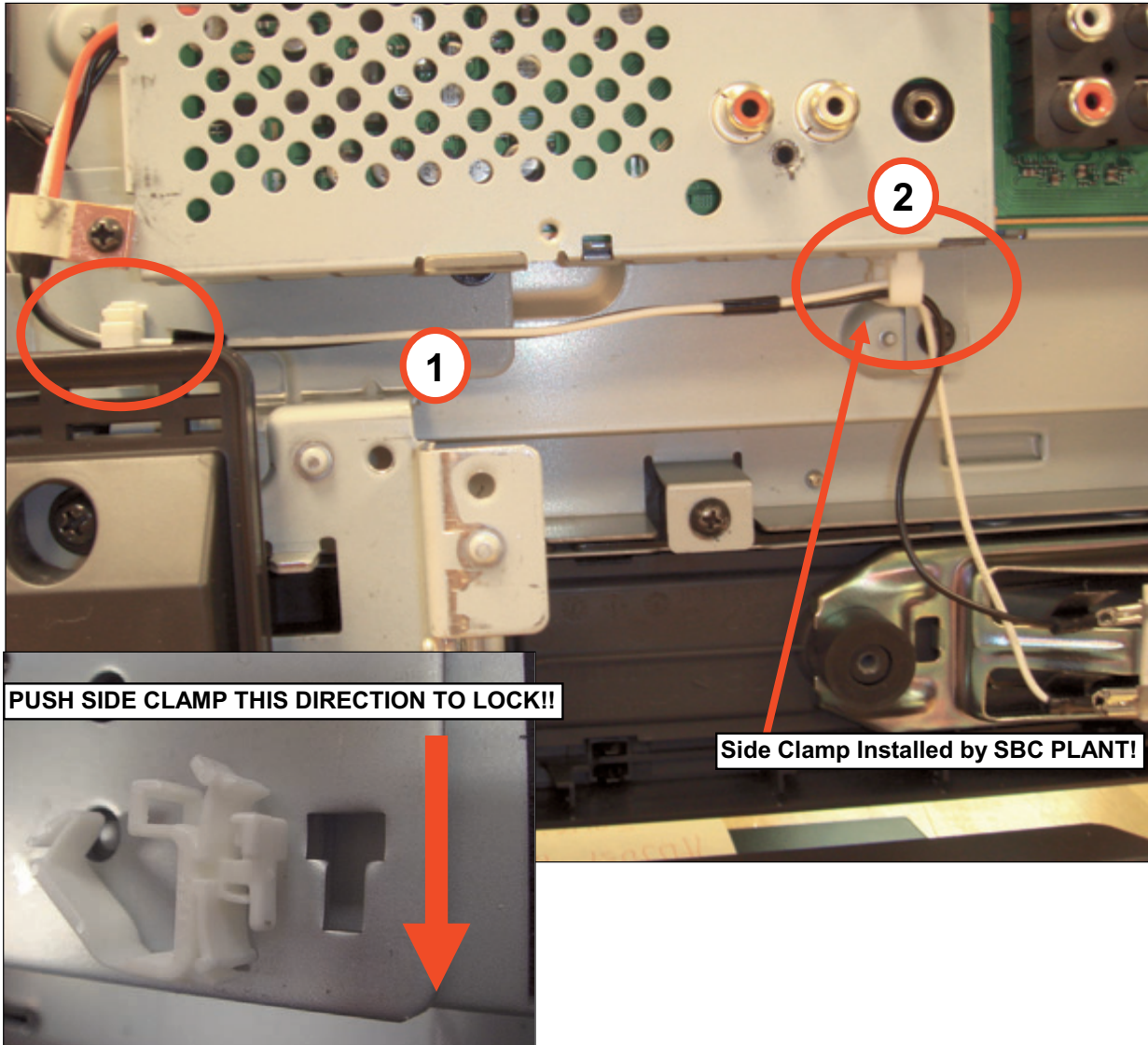
1. Wire Dress Speaker Cables as shown.
2. BOTH R/L cables are dressed in FGC-3 conductive clip.
3. Apply LCD TAPE to BOTH H4-Bd AND Right Speaker Wires.

## TORQUE SPECIFICATION

TORQUE: 6kg.cm (+-1.0kg.cm)

**KDL-32SL130 ONLY**

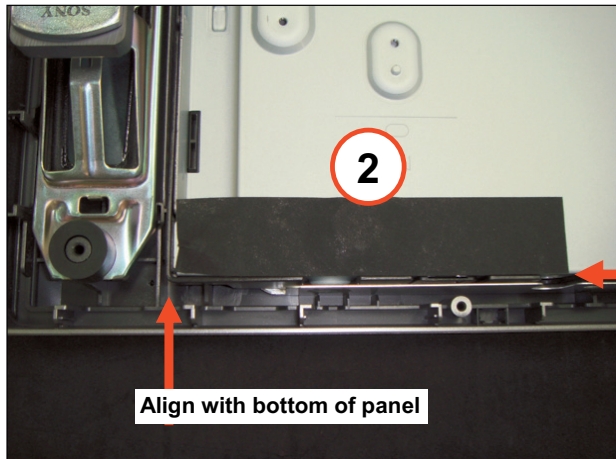
**LEFT SPEAKER HARNESS**



OPERATION PROCESS
Dress LEFT speaker harness as shown

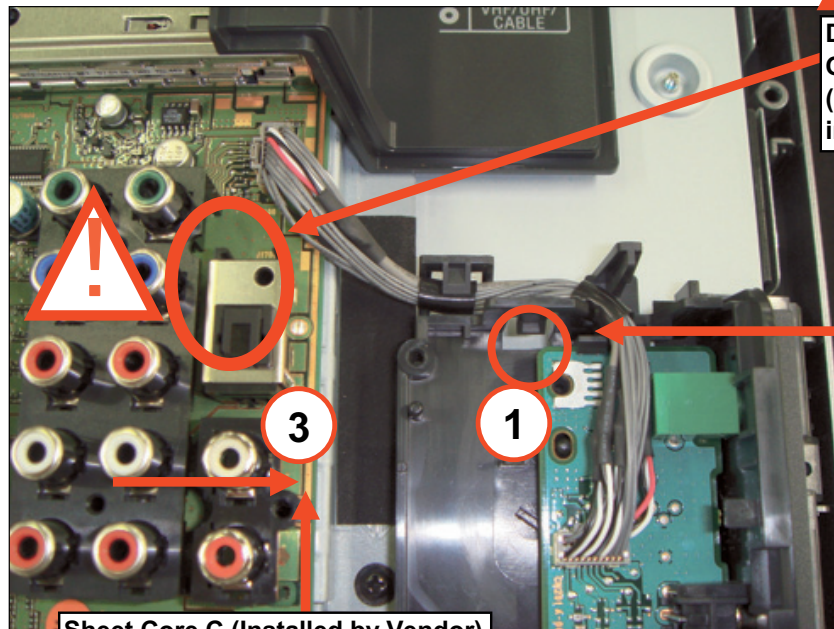
KDL-32SL130 ONLY

U1 BOARD



Align side edge of panel

Align with bottom of panel



DO NOT Cross wires over Optical Output Connector (Pinch Point when Rr. Cover is installed).

3/4/2007 LATE CHANGE:  
ADD 3x12mm SCREW Here.

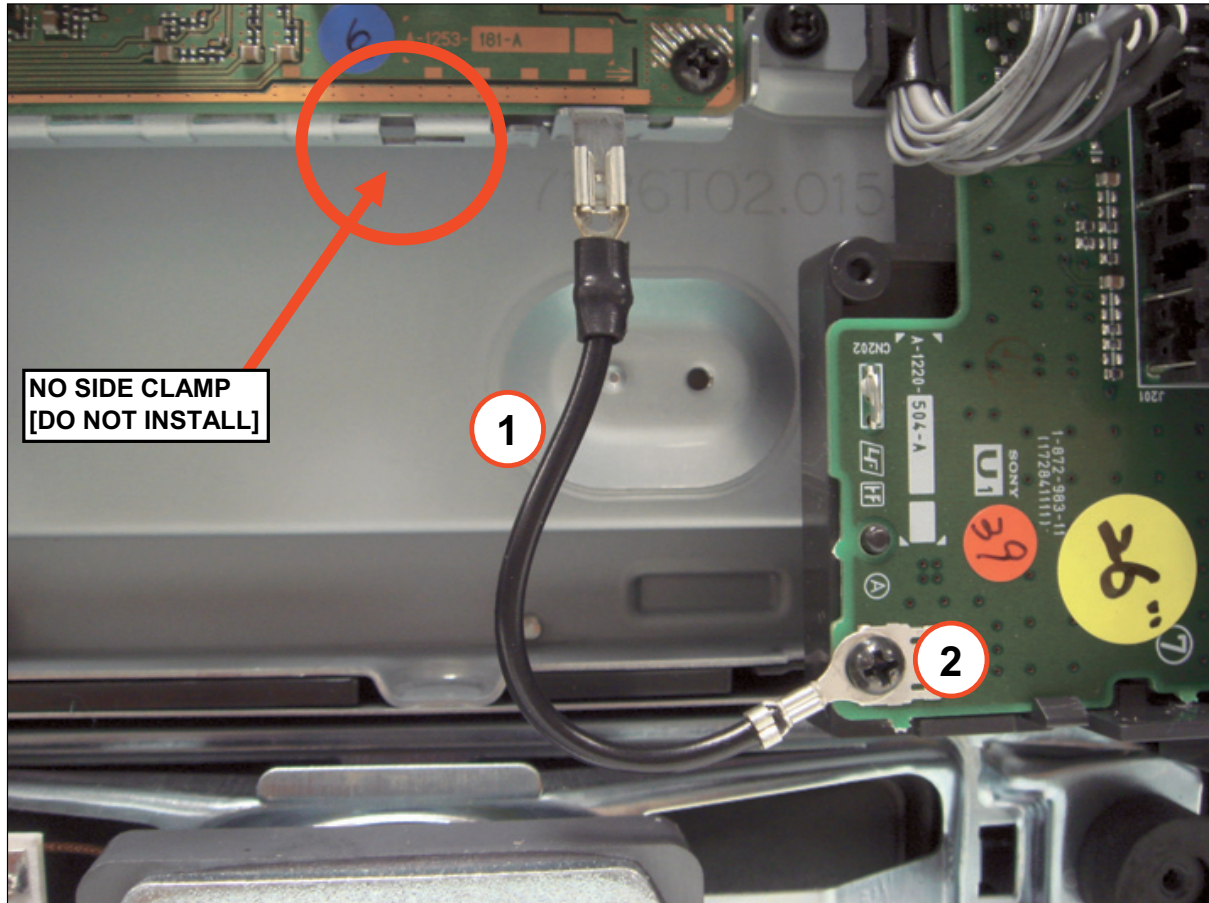
Sheet Core C (Installed by Vendor)

**OPERATION PROCESS**

1. Apply Sheet Core A to Panel in location where U1 bracket is to be installed (Use edges of panel as guide)
2. Make sure DTT Shield has Sheet Core C installed as per diagram.
3. Wire Dress 20P Harness as shown. Put attention on DIRECTION of wires from BU-Bd inside side clamp on U1 Bracket.

KDL-32SL130 ONLY

U1 BOARD (CONTINUED)

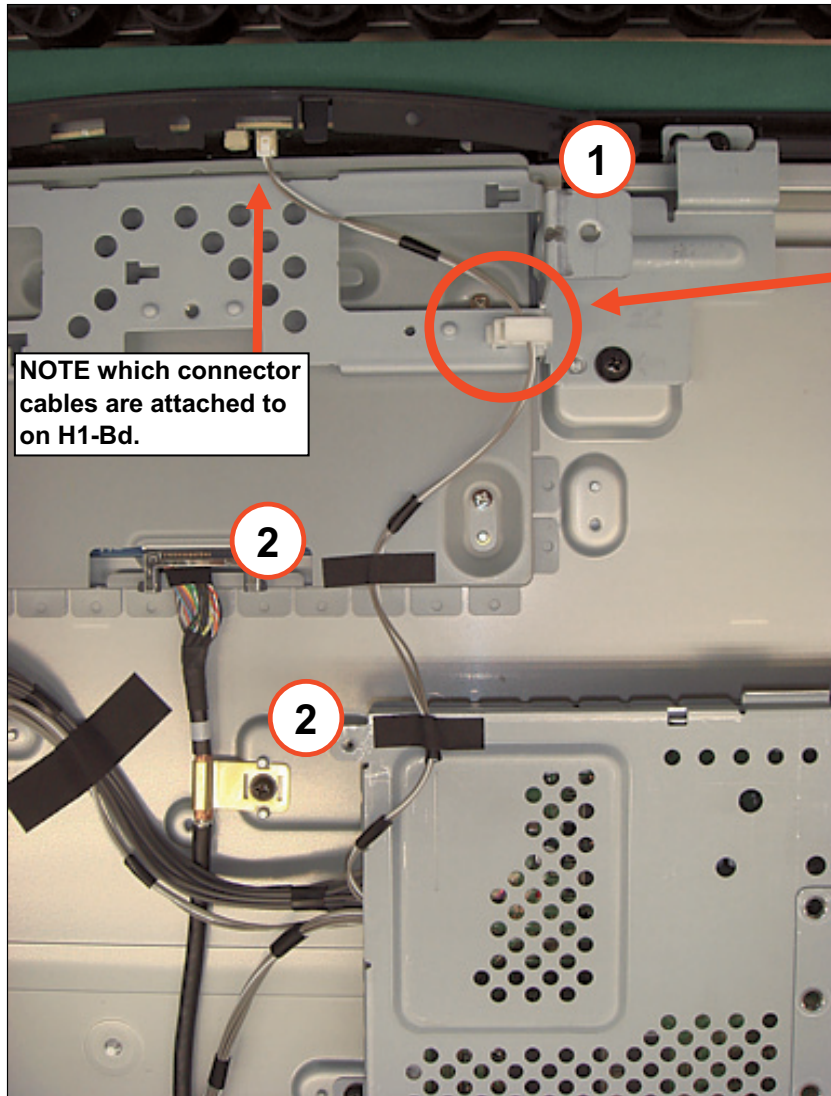


OPERATION PROCESS
1. Wire route ESD GND wire as shown (NOTE: Actual Part will have RED insulation)
2. Use 3x12mm screw to fix ring terminal in U1 Bracket
TORQUE SPECIFICATION
3mm TORQUE: 6.0kg-cm (+-1.0kg-cm)



## KDL-32SL130 ONLY

## H1 BOARD

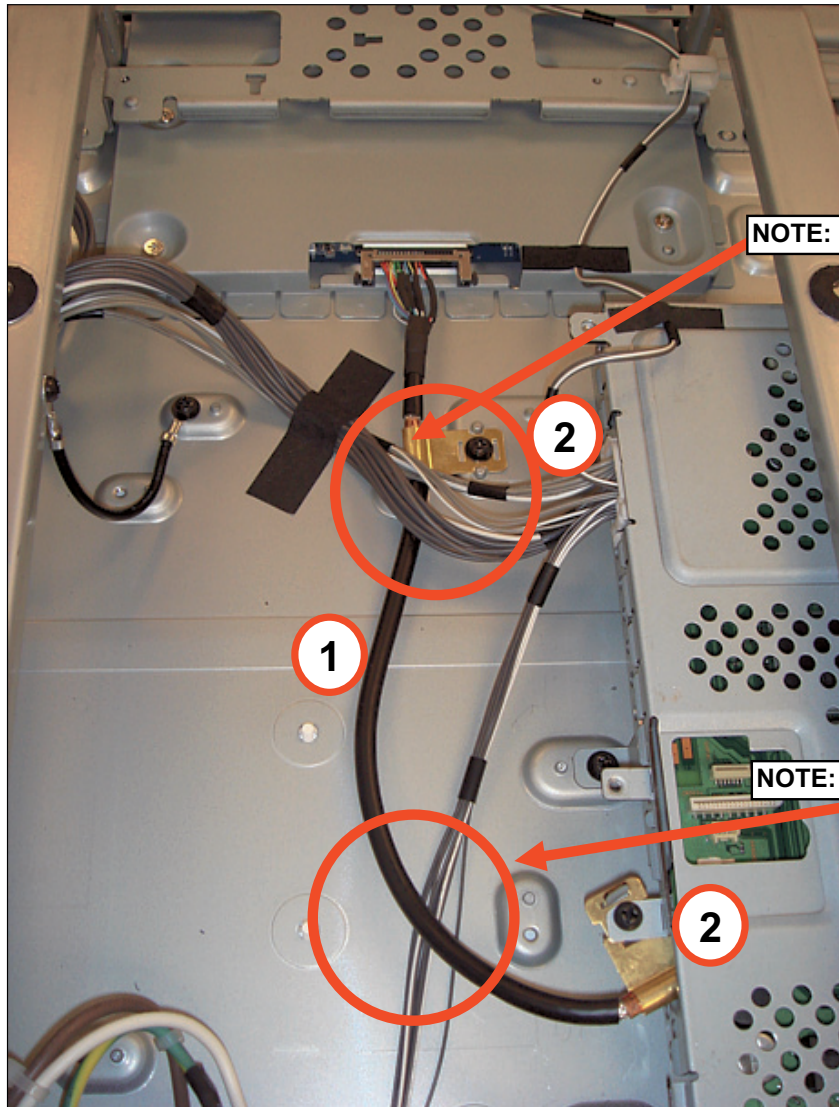


## OPERATION PROCESS

1. Dress/Route H1-Bd harness as shown on photo.
2. **NOTE:** Put attention on SLACK of cable. Between Connector on H1 and tape there is slack in wire. Between tape/clamp there is slack. Between tape/DTT Shield there is slack.

## KDL-32SL130 ONLY

## LVDS CABLE



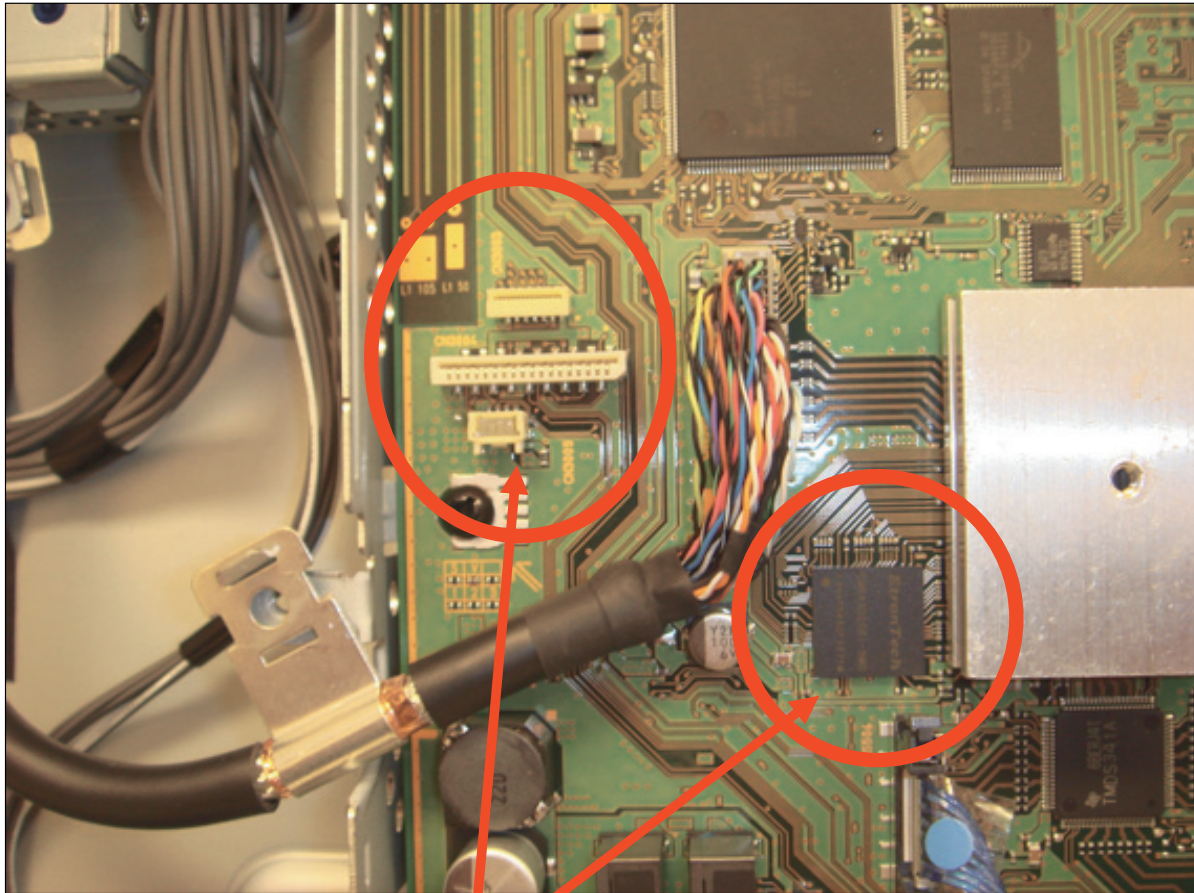
**NOTE: LVDS Cable is UNDER G1/U-Bd cables**

**NOTE: LVDS Cable is ON TOP of H3-Bd Cables**

OPERATION PROCESS
1. Route 40P LVDS Cable between BU-Bd and TCON as shown.
2. Apply 3x8mm Screw (2-places) to ground LVDS cable.
Put Attention on Routing of Cable. G1 to BU cables are on TOP of LVDS. H3-Bd cables are UNDER LVDS.
TORQUE SPECIFICATION
3mm TORQUE: 6.0kg-cm (+-1.0kg-cm)

## KDL-32SL130 ONLY

## LVDS CABLE (CONTINUED)



**CAUTION:** Keep LVDS Cables AWAY from JIG Connectors and Memory IC.

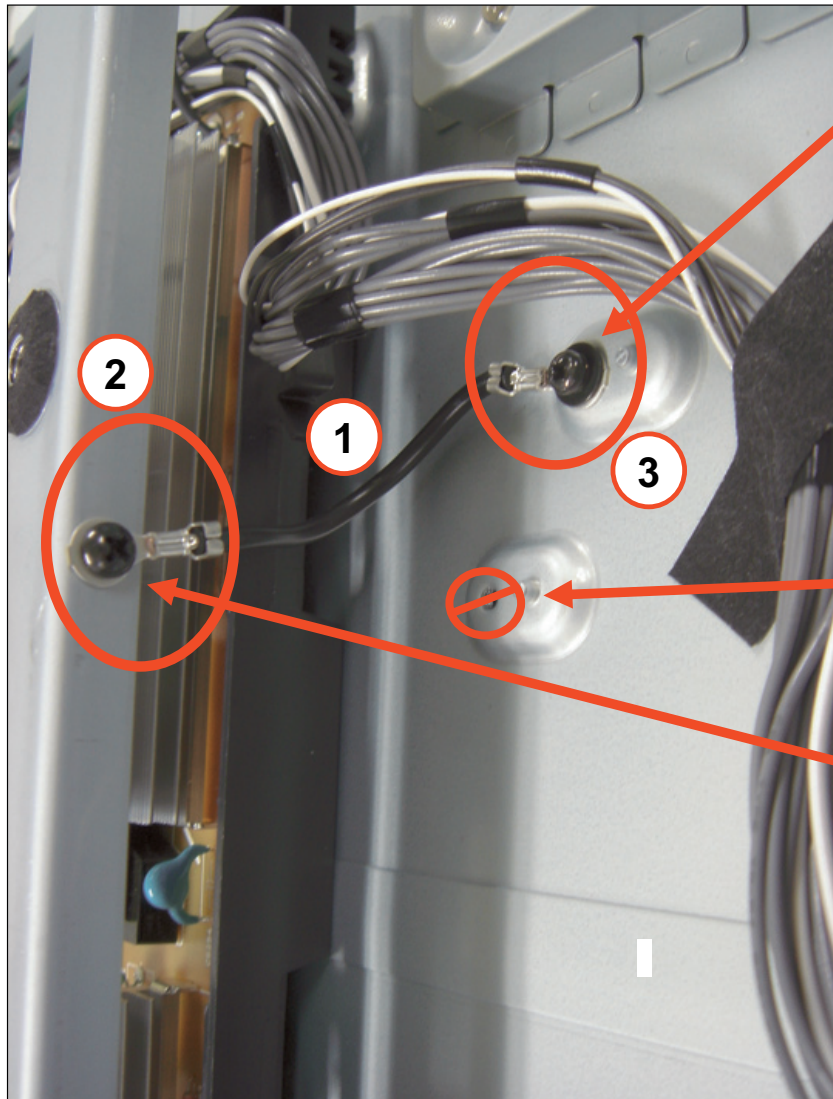
## OPERATION PROCESS

Route LVDS Harness from BU-Board (CN4500) as shown.

**CAUTION:** Keep LVDS Wires AWAY from Memory IC and JIG Connectors!

## KDL-32SL130 ONLY

## VESA BRACKET GROUND WIRE



Install **3x5mm** screw to GND Tab on panel above BH-Bd Shield Case.

DO NOT install **3x5mm** screw to GND Tab on lower panel "dimple".

Install **3x8mm** screw to GND Tab on RIGHT VESA Bracket.  
NOTE: This screw can be applied off-line as pre-assembly operation.

## OPERATION PROCESS

Attach ESD Grounding wire as shown shown.

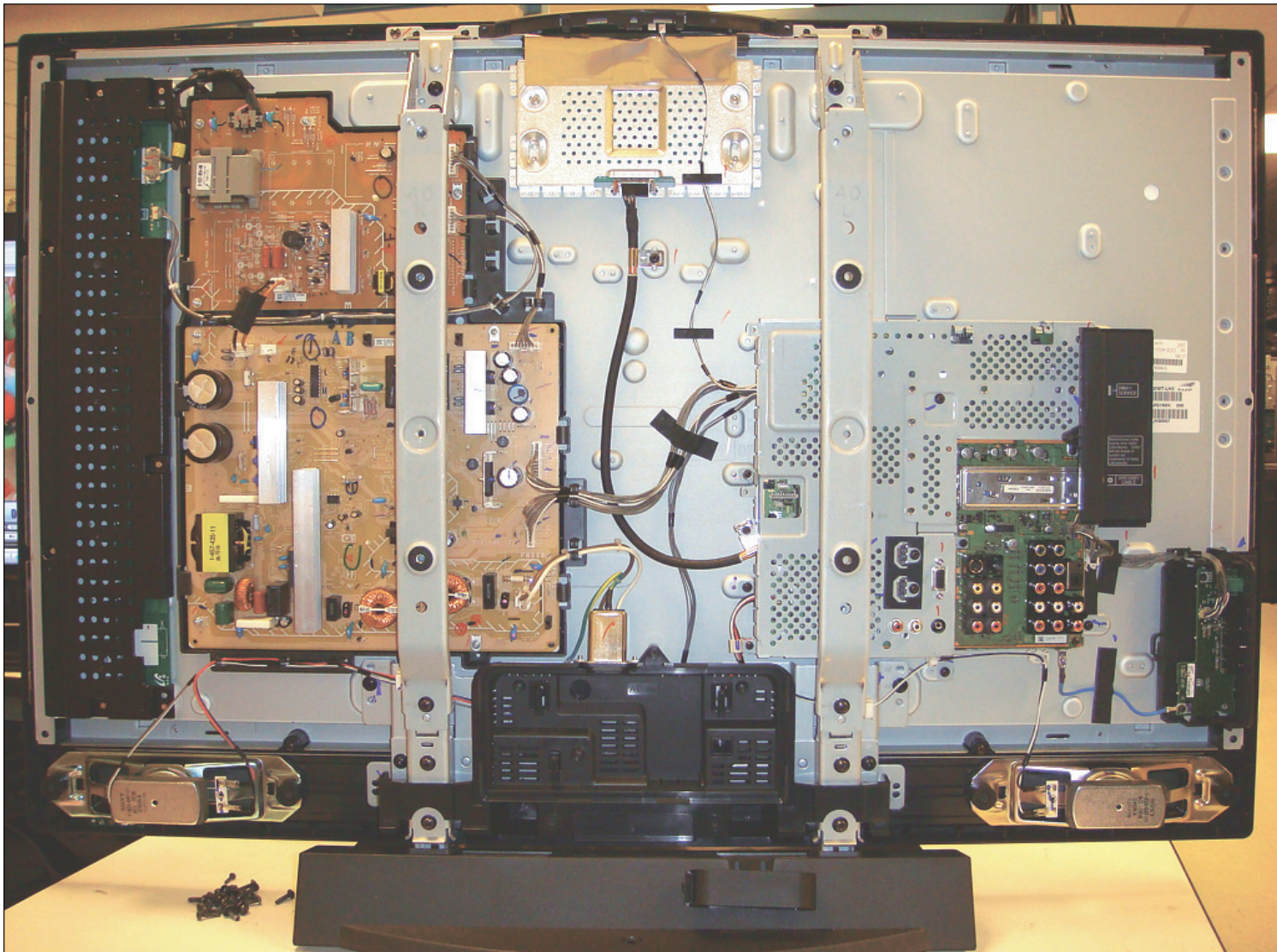
NOTE: 3x8mm AND 3x5mm Screws are used!!

## TORQUE SPECIFICATION

TORQUE: 6.0kg.cm (+-1.0kg.cm)

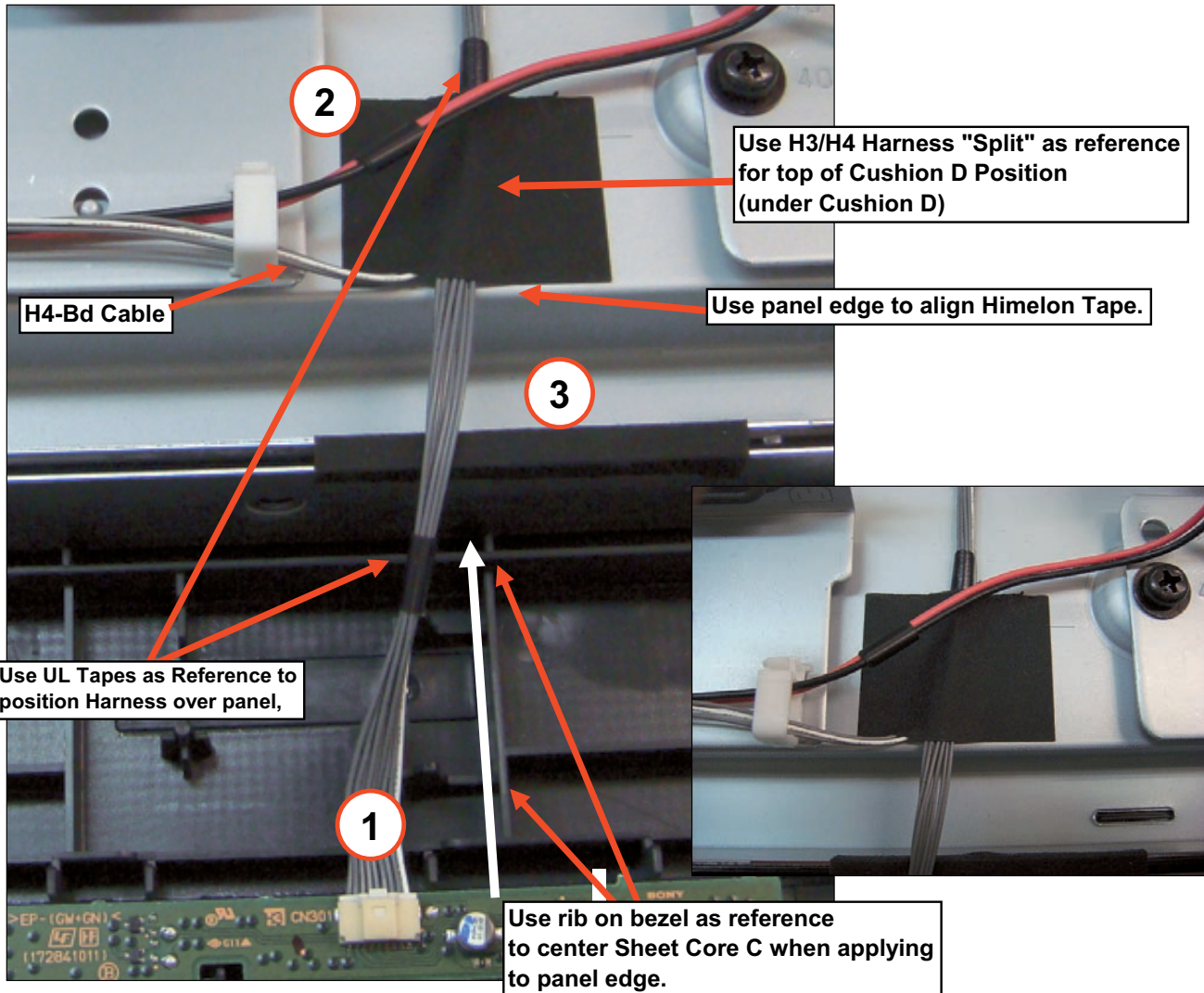
KDL-40SL130 ONLY

OVERALL VIEW



KDL-40SL130 ONLY

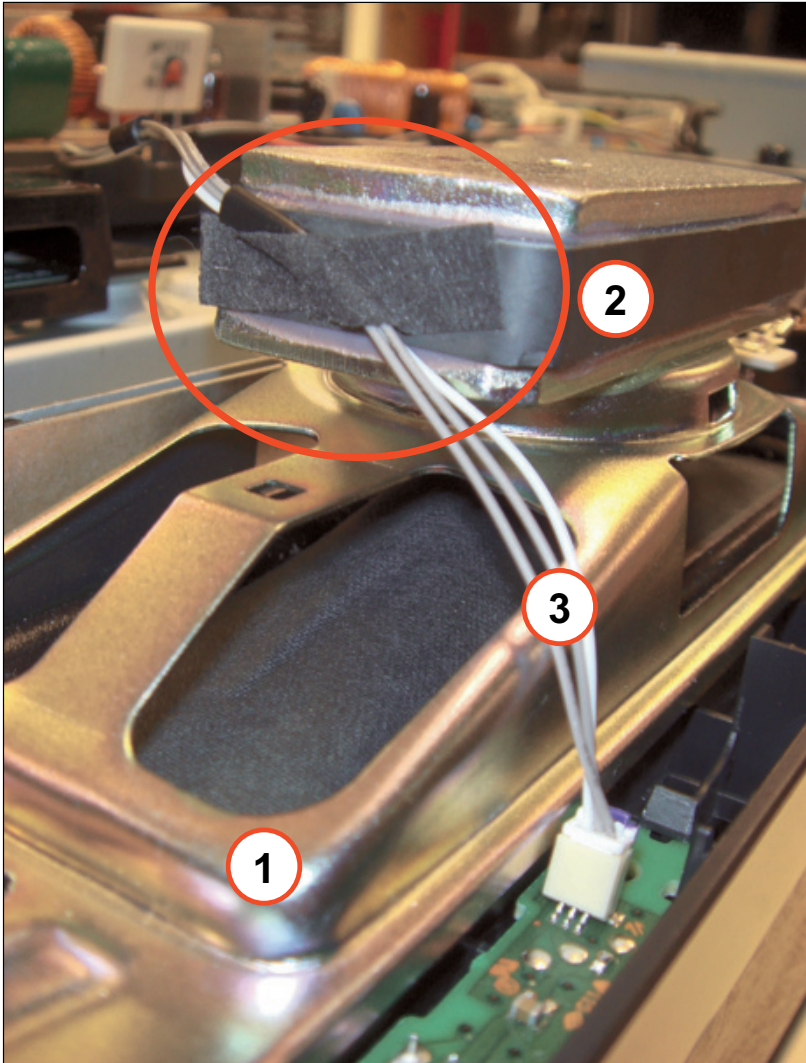
H3 BOARD HARNESS



OPERATION PROCESS	
1.	Apply Sheet Core C to edge of Panel to cover sharp edge of panel. Use ribs on bezel (w/o screw boss) as a guide to center tape.
2.	Dress split (H3 & H4) in harness under Cushion D Tape.
3.	Route H3 and H4 harness as shown.

## KDL-40SL130 ONLY

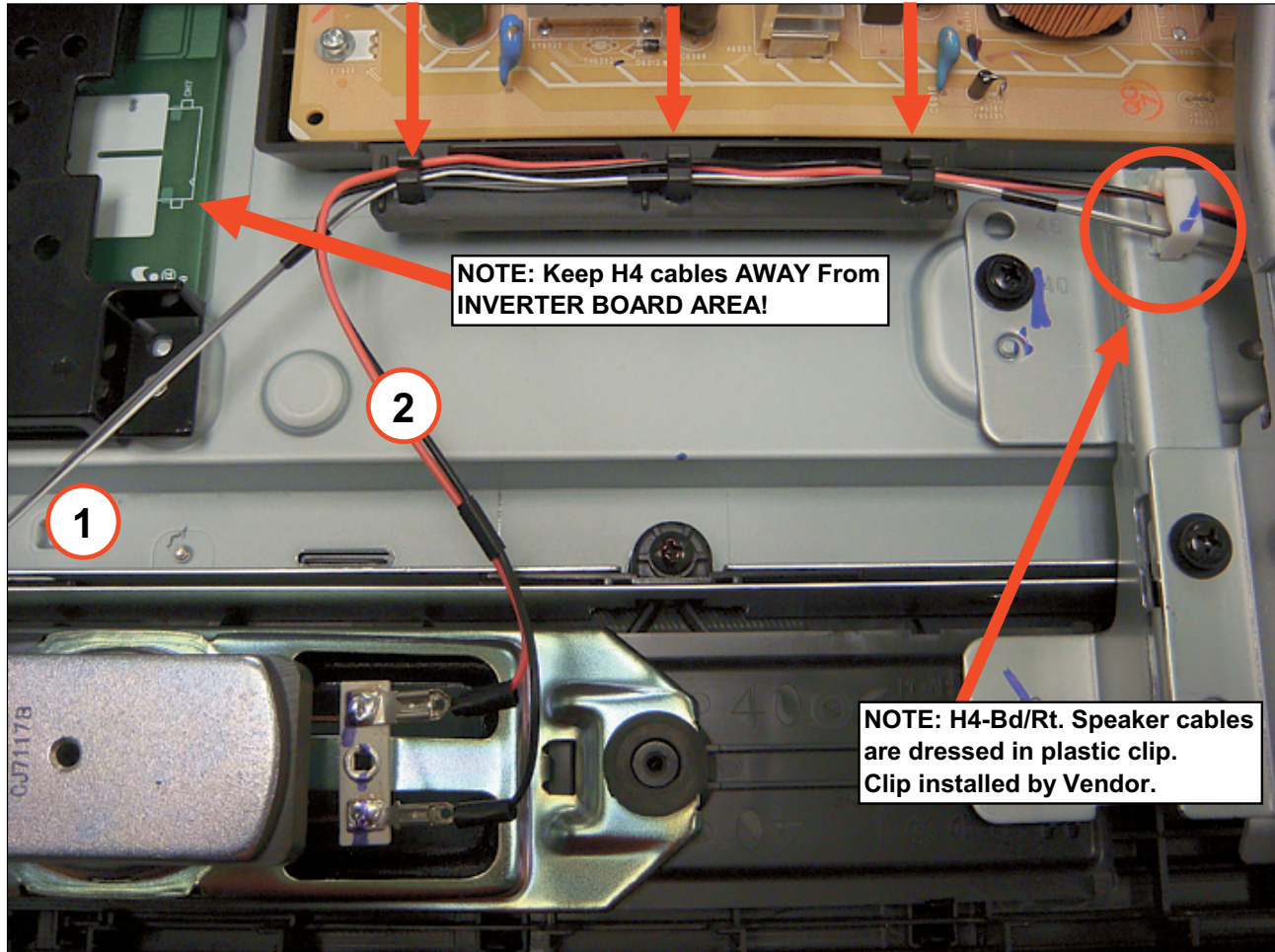
## H4 BOARD

**OPERATION PROCESS**

1. H4-Bd should be installed BEFORE the speaker/baffles are installed
  2. Be careful to align Plastic clip at left side of bezel with notch in PWB.
  3. PRESS FIRMLY on PWB next to clip to seat H4-Bd. DO NOT USE Excessive force. PWB or clip WILL BREAK!
- Tape H4 wires to Bottom of panel edge.

**KDL-40SL130 ONLY**

**H4 BOARD AND RIGHT SPEAKER**

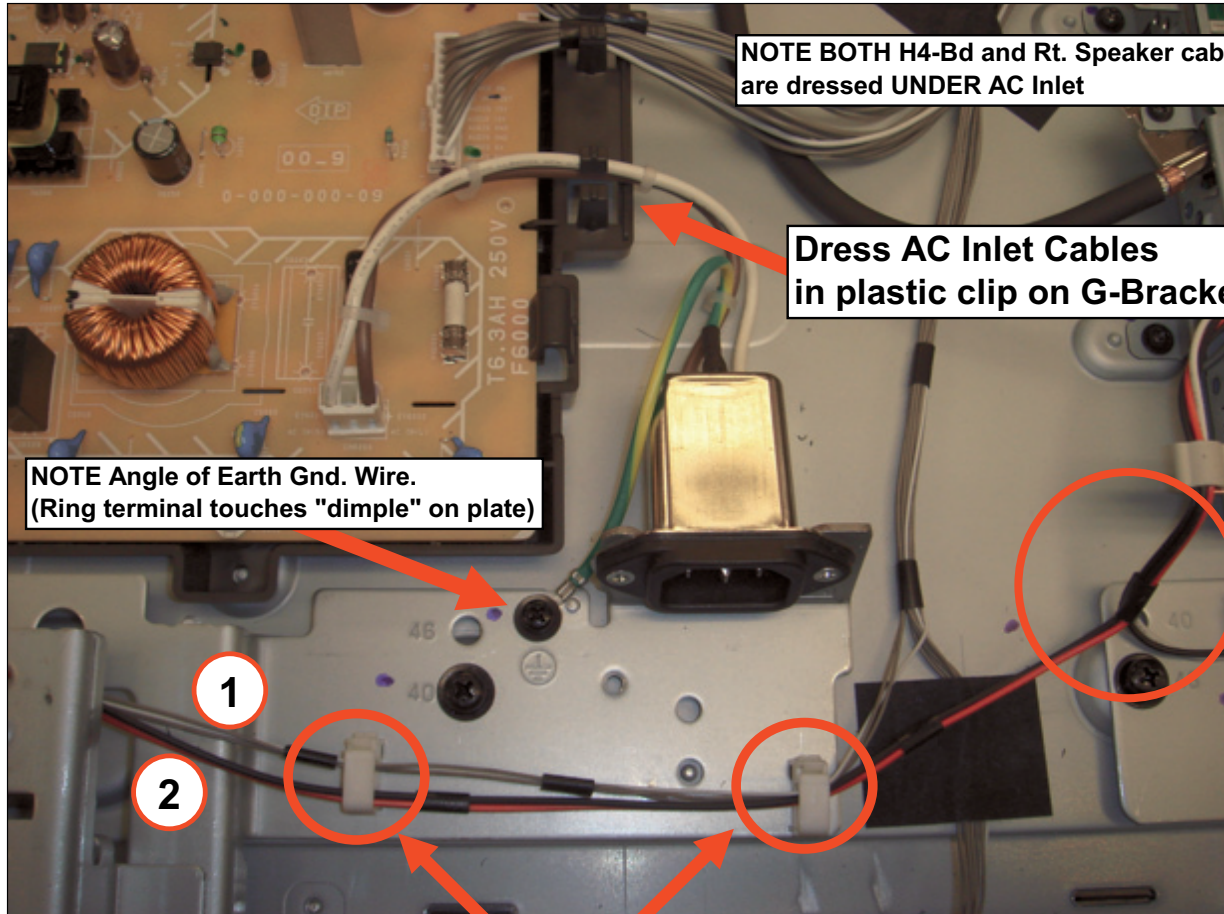


OPERATION PROCESS
Wire Dress Right Speaker wires and H4 cables in side clamp (white) and G3-Bd bracket clips (black).
<b>NOTE: ALL Wires are dressed in far left G-Bracket clip!</b>



KDL-40SL130 ONLY

H4 BOARD AND RIGHT SPEAKER (CONTINUED)



**NOTE BOTH H4-Bd and Rt. Speaker cables are dressed UNDER AC Inlet**

**Dress AC Inlet Cables in plastic clip on G-Bracket**

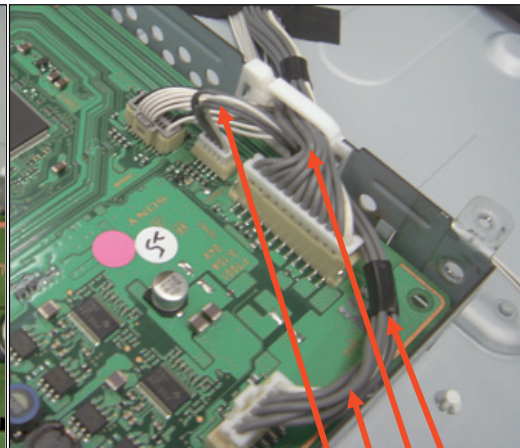
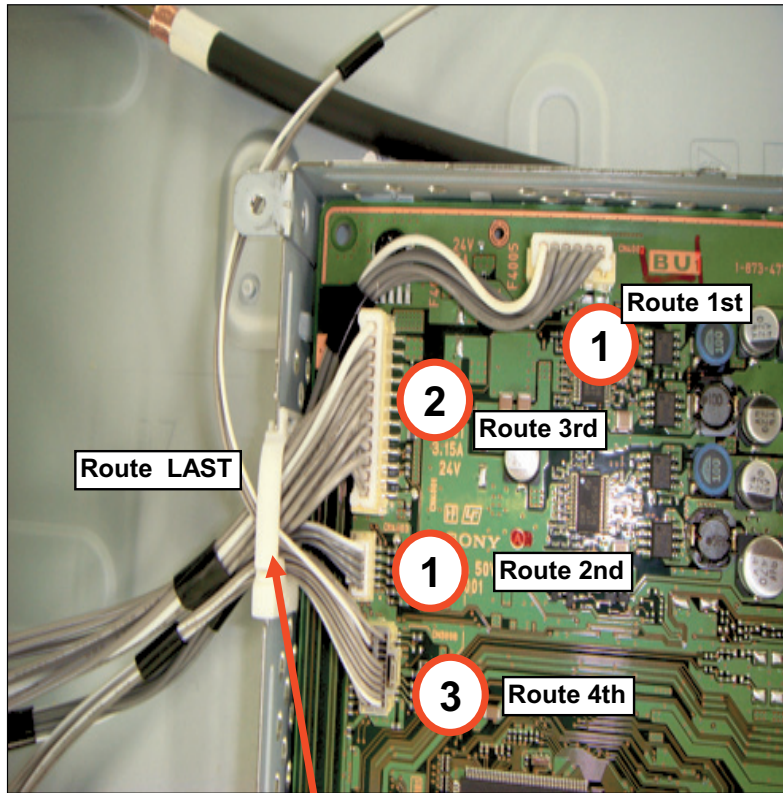
**NOTE Angle of Earth Gnd. Wire. (Ring terminal touches "dimple" on plate)**

**NOTE: H4-Bd/Right Speaker cables are dressed in plastic clip. Clip installed by Vendor.**

OPERATION PROCESS	
1.	Dress H4/Rt. Speaker cables in white side clips.
2.	Dress AC Inlet Cables in Plastic clip on the G-Bracket as shown.
Make sure Green/Yellow Earth Gnd. Is screwed into lower LCD Bracket (w/4x8mm screw)	

KDL-40SL130 ONLY

CORE BLOCK HARNESS



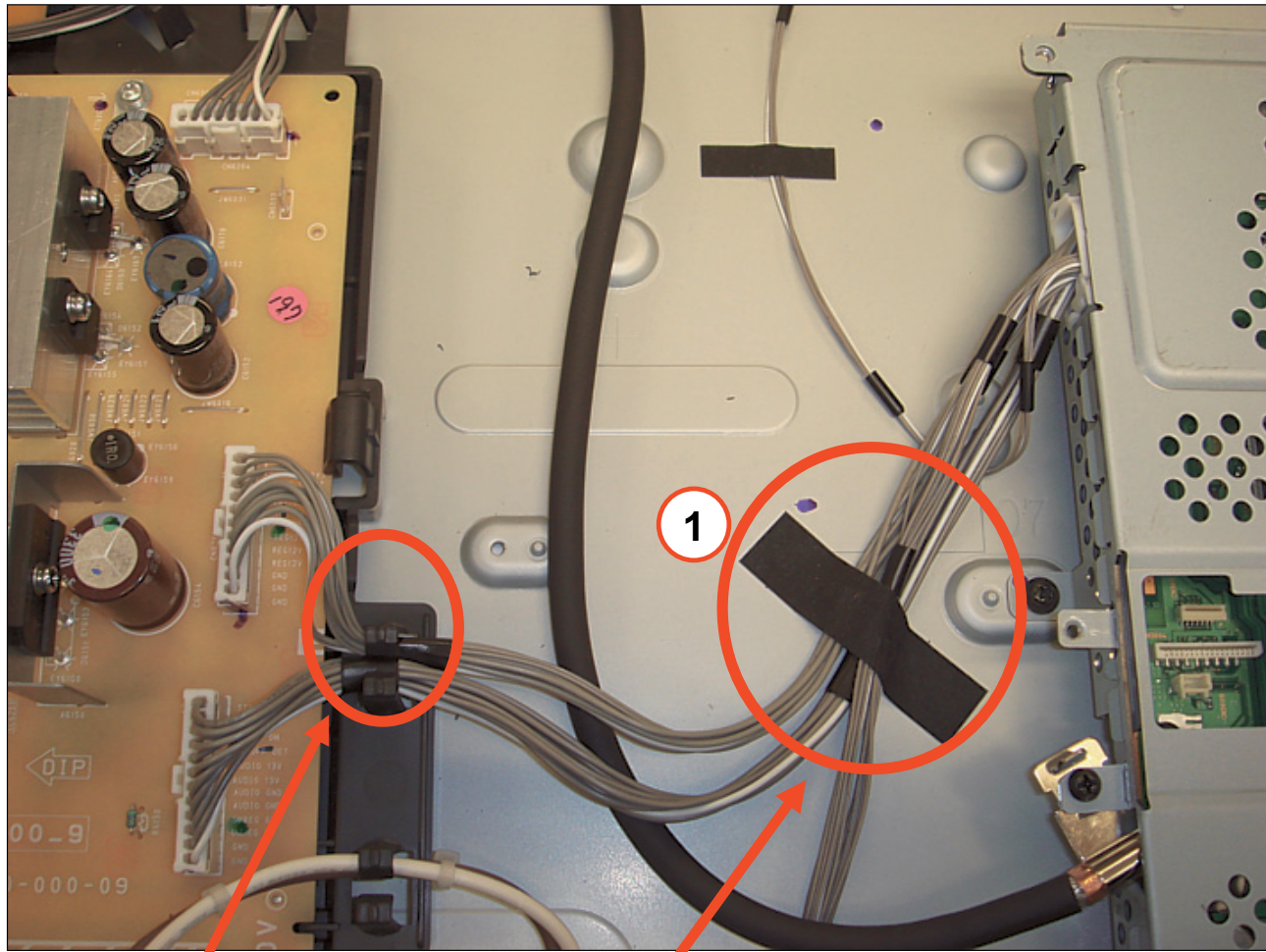
OPERATION PROCESS
Route/Dress Harnesses connected to Core Block as Shown
NOTE Order & Direction of Cables in plastic Clip on Shield Case.

Keep Cables BELOW level of Shield Case (Pinch Points)

NOTE order and direction of cables!

## KDL-40SL130 ONLY

## CORE BLOCK HARNESS (CONTINUED)



## OPERATION PROCESS

Route/Dress Core-Block cables as shown

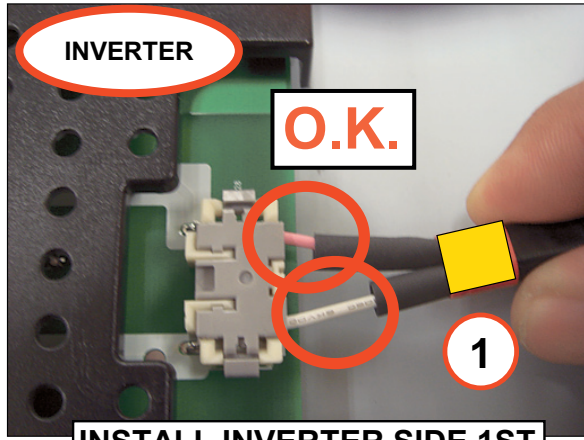
Put Attention on the position of Sheet Core C and the routing of the cables between G3-Bd and Core Block.

Dress G3-Bd Cables in G-Bracket Clip

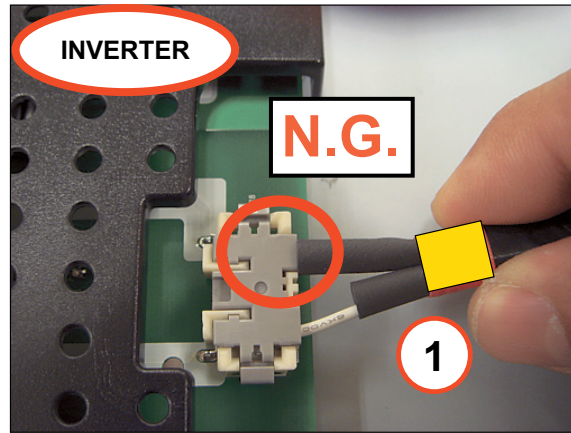
Apply Sheet Core C to dress cables.

KDL-40SL130 ONLY

INVERTER BOARD AND D1 BOARD



INSTALL INVERTER SIDE 1ST

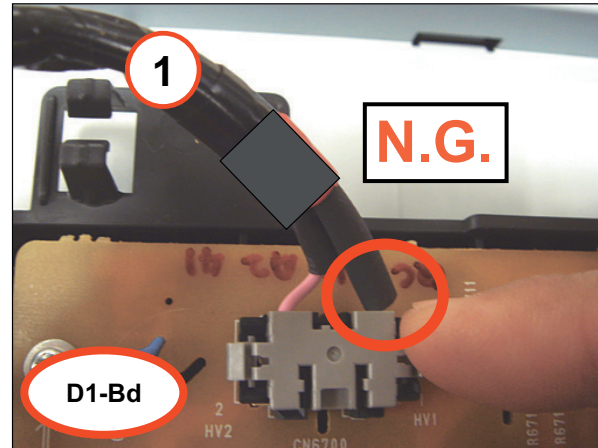
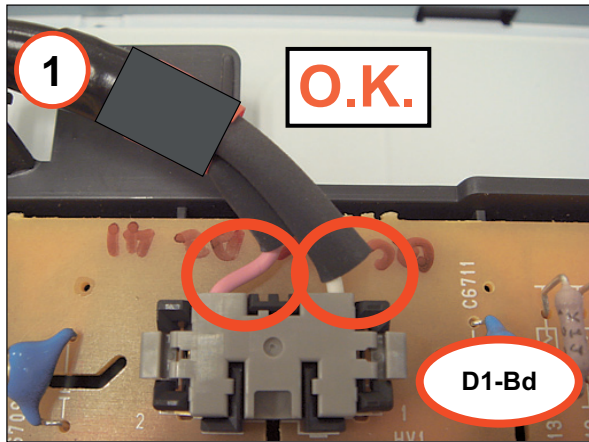


**OPERATION PROCESS**

**CAUTION**  
 MAKE SURE BLACK INSULATION TUBING DOES NOT TOUCH CONN  
BEFORE INSTALLING 2P MD CONN.

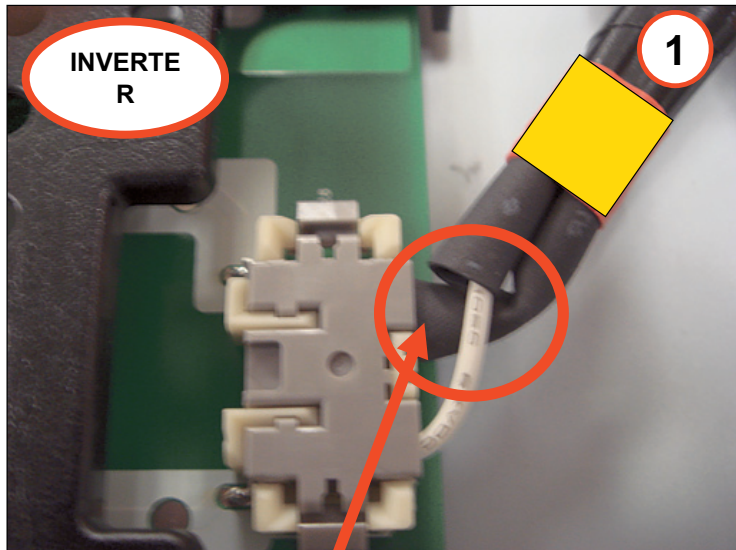
AFTER INSTALLING CONNECTOR, TUBE INSULATION CAN TOUCH CONNECTOR!

INSTALL D1-Bd SIDE 2ND



KDL-40SL130 ONLY

## INVERTER BOARD AND D1 BOARD (CONTINUED)



**CAUTION:** Make Sure  
Inverter Connector DOES NOT  
CROSS WHITE/PINK WIRES!

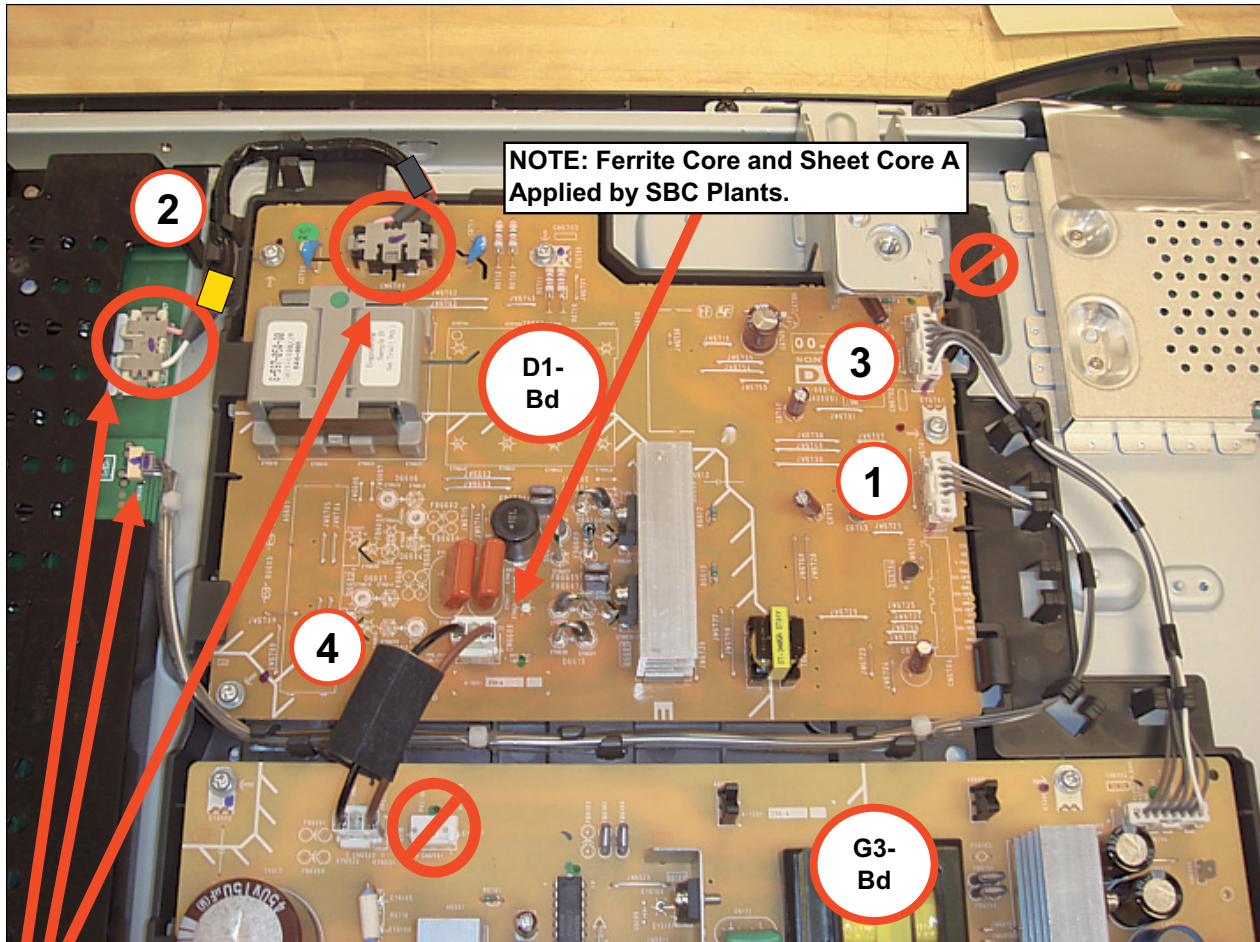
**CHECK BOTH SIDES OF HARNESS!  
(INVERTER CONN / D1-Bd CONN)**

## OPERATION PROCESS

**CAUTION:**  
MAKE SURE WHITE/PINK WIRES  
DO NOT CROSS  
**CHECK INVERTER SIDE WIRES**  
**CHECK D1-Bd SIDE WIRES**

KDL-40SL130 ONLY

G3 BOARD AND D1 BOARD



NOTE: Ferrite Core and Sheet Core A Applied by SBC Plants.

2

D1-Bd

3

1

4

G3-Bd

OPERATION PROCESS

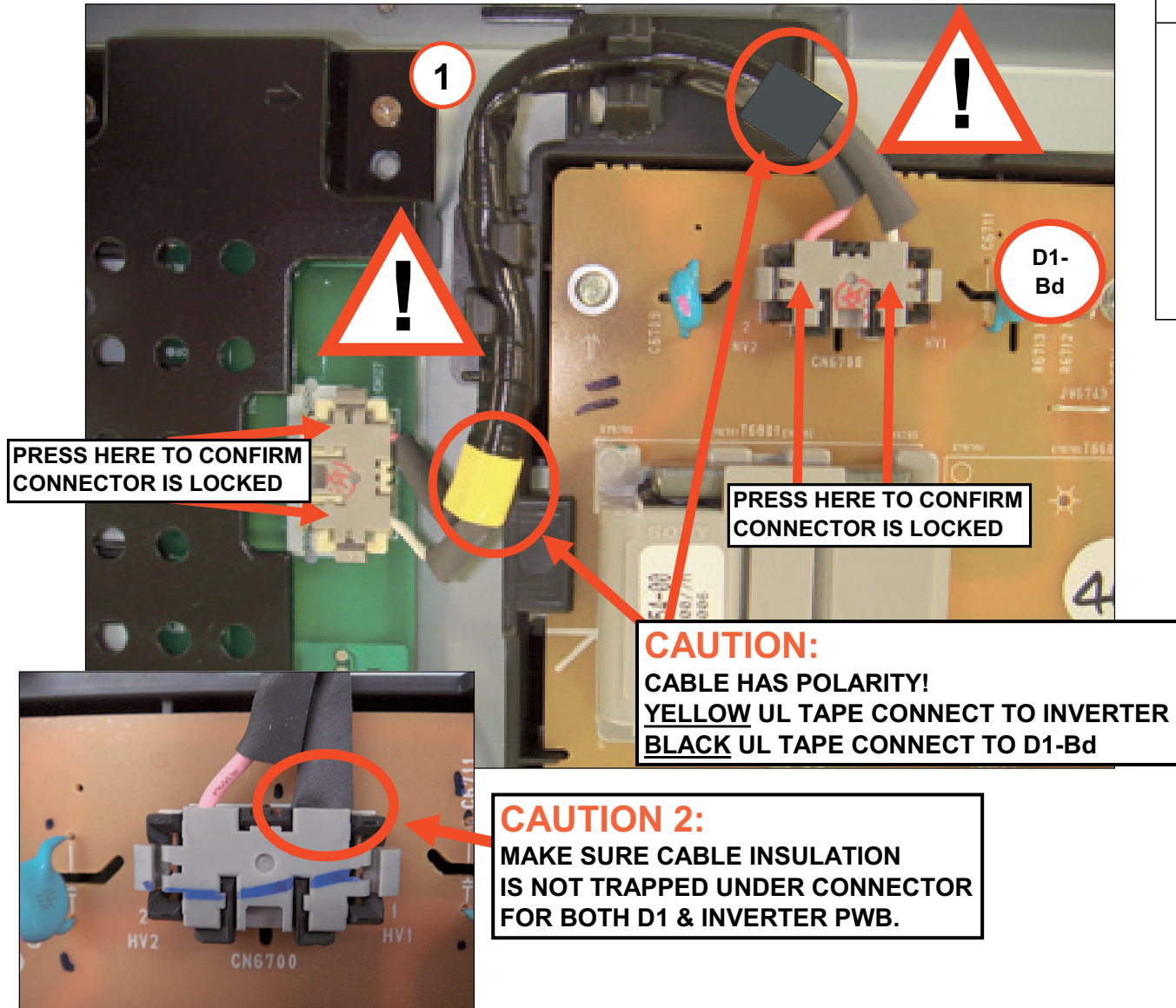
Install/Wire Dress Harnesses as shown.

**CAUTION:** Make sure INVERTER CONN. is Fully LOCKED!!

**CAUTION:** Make Sure Inverter Connector is Fully LOCKED!

KDL-40SL130 ONLY

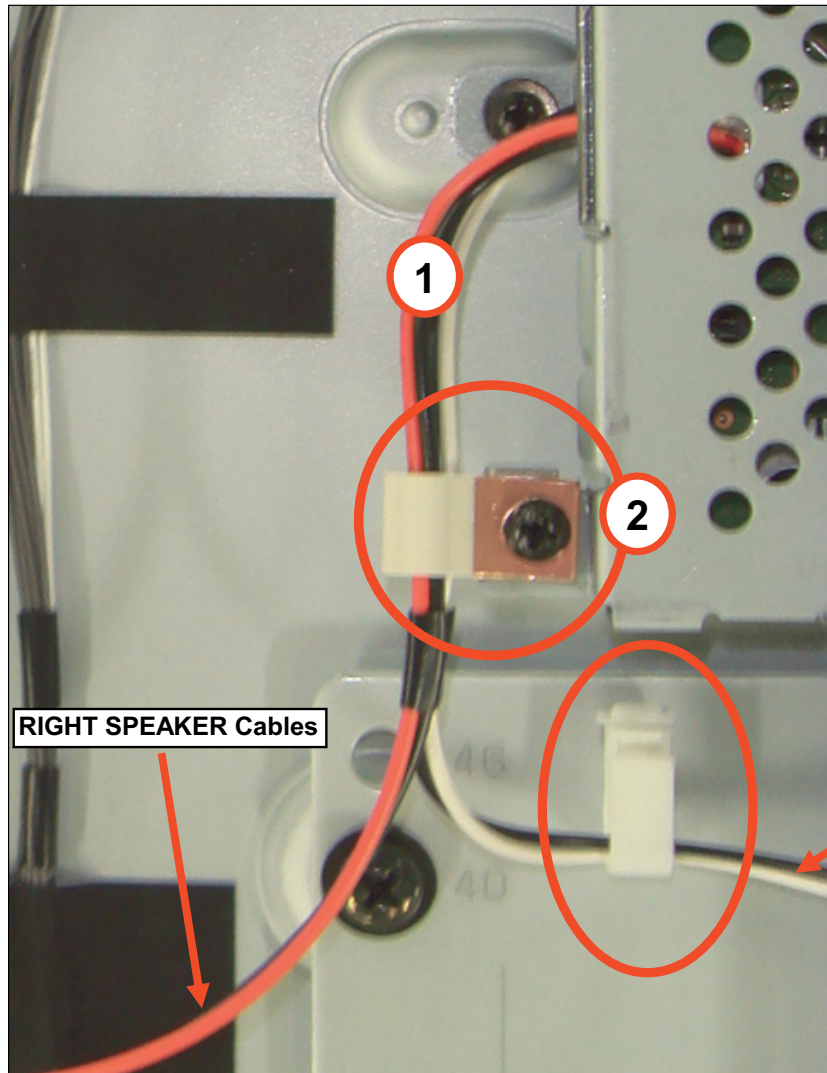
D1 BOARD AND INVERTER BOARD CAUTION



OPERATION PROCESS
MAKE SURE COLOR of UL tape is the correct color (YELLOW) for harness. Confirm wires are dressed properly in clips.
Confirm 2P BD Connectors are FULLY LOCKED by pressing on BOTH locking tabs (RED ARROWS).
MARK the 2P BD Connector Housing with "CHECKED" Mark or Stamping.

## KDL-40SL130 ONLY

## SPEAKER CABLES



## OPERATION PROCESS

1. Wire Dress Speaker Cables as shown.  
Lft. Speaker cable is dressed in side clamp (white plastic).
2. BOTH R/L cables are dressed in FGC-3 conductive clip.

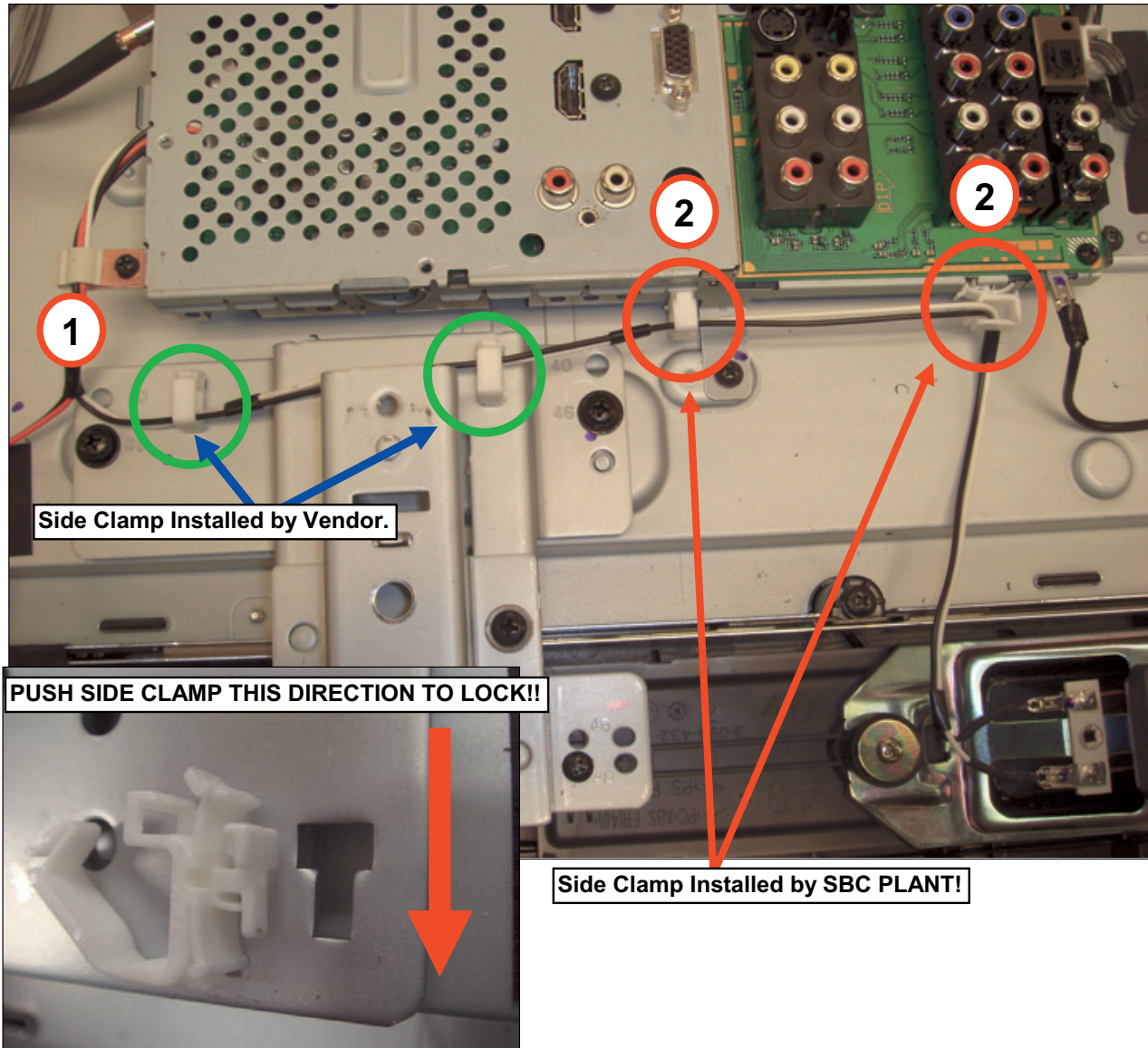
## TORQUE SPECIFICATION

TORQUE: 6kg.cm (+-1.0kg.cm)



KDL-40SL130 ONLY

LEFT SPEAKER HARNESS



Side Clamp Installed by Vendor.

PUSH SIDE CLAMP THIS DIRECTION TO LOCK!!

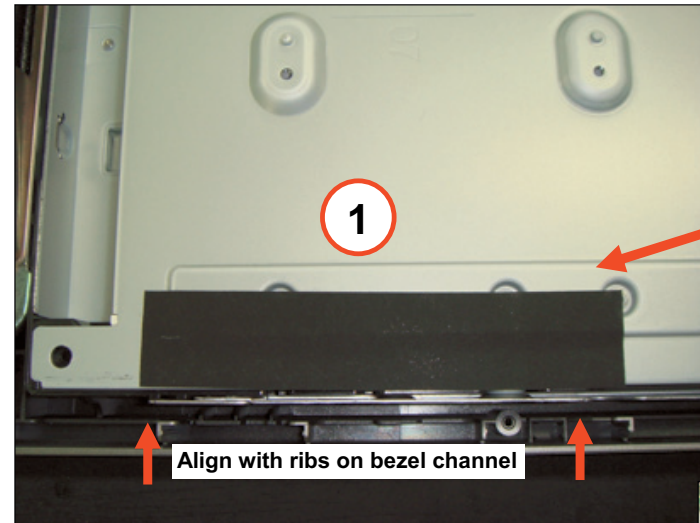
Side Clamp Installed by SBC PLANT!

OPERATION PROCESS

Dress LEFT speaker harness as shown

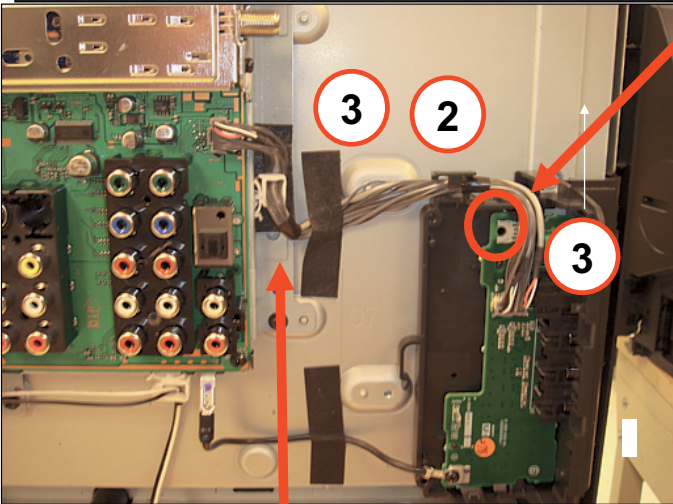
KDL-40SL130 ONLY

U1 BOARD

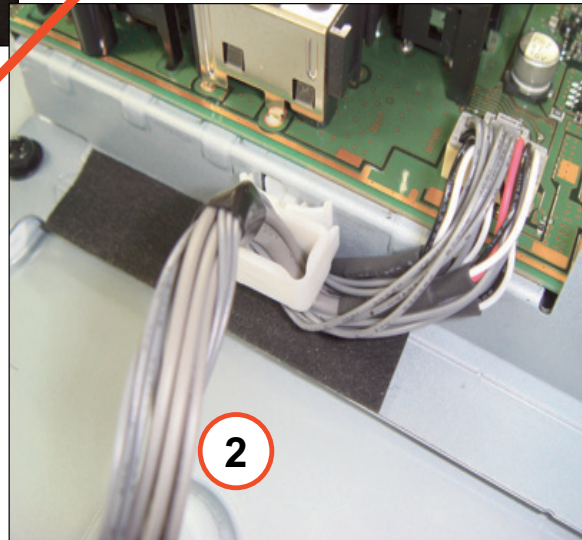


Align with center of circles on panel rib.

3/4/2007 LATE CHANGE:  
**ADD** 3x12mm Screw in this hole!



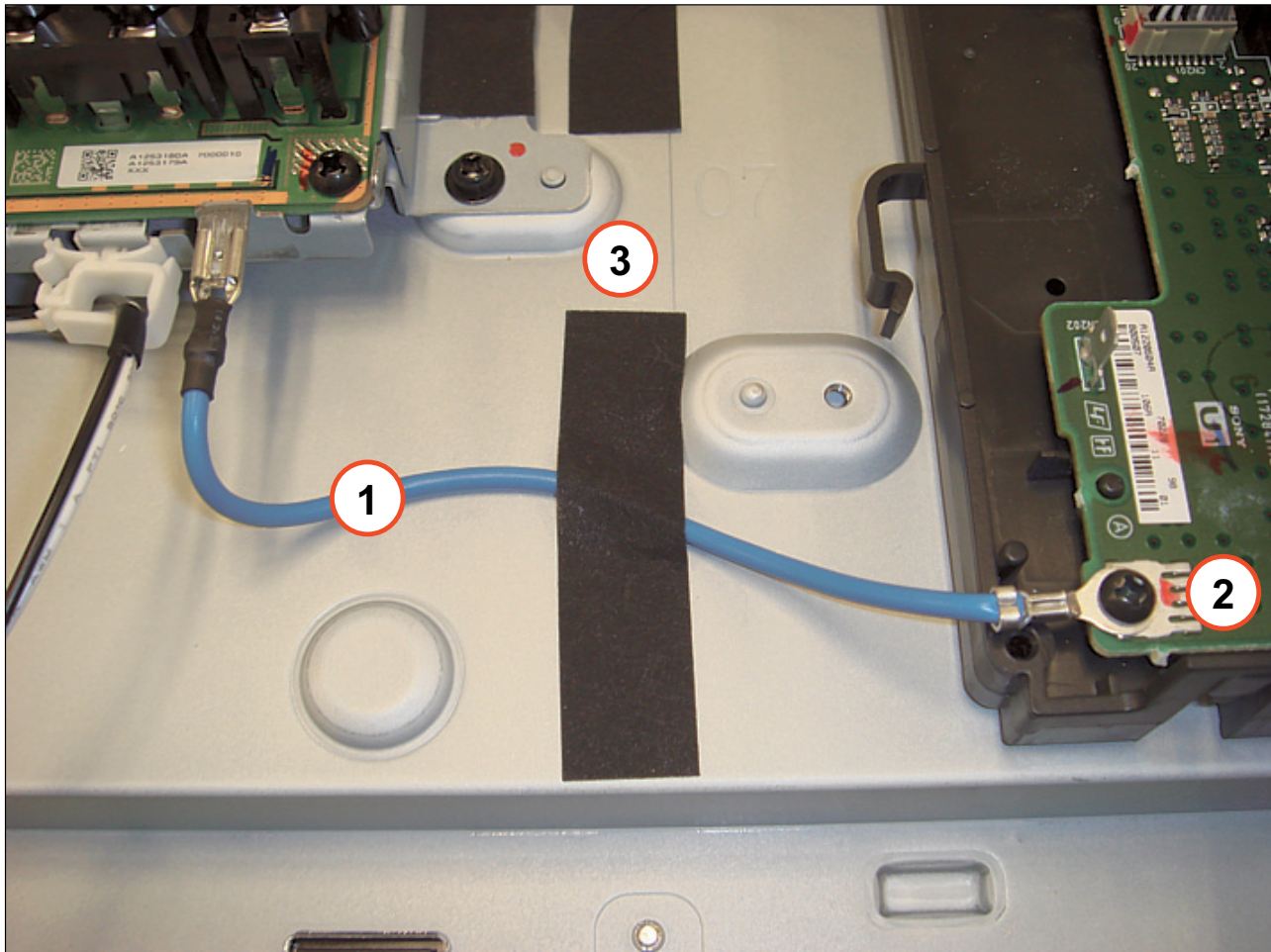
Check Sheet Core C is installed along edge of DTT shield and start of straight edge of DTT shield.  
[INSTALLED BY VENDOR]



OPERATION PROCESS	
1.	Apply Sheet Core A to Panel in location where U2 bracket is to be installed (Use plastic ribs on bezel as guide)
2.	Make sure DTT Shield has Sheet Core C Install Sheet Core C on "dimple" of panel to secure cables to panel.
3.	Wire Dress 20P Harness as shown. Put attention on DIRECTION of wires from BU-Bd inside side clamp on DTT Shield!

## KDL-40SL130 ONLY

## U1 BOARD (CONTINUED)



## OPERATION PROCESS

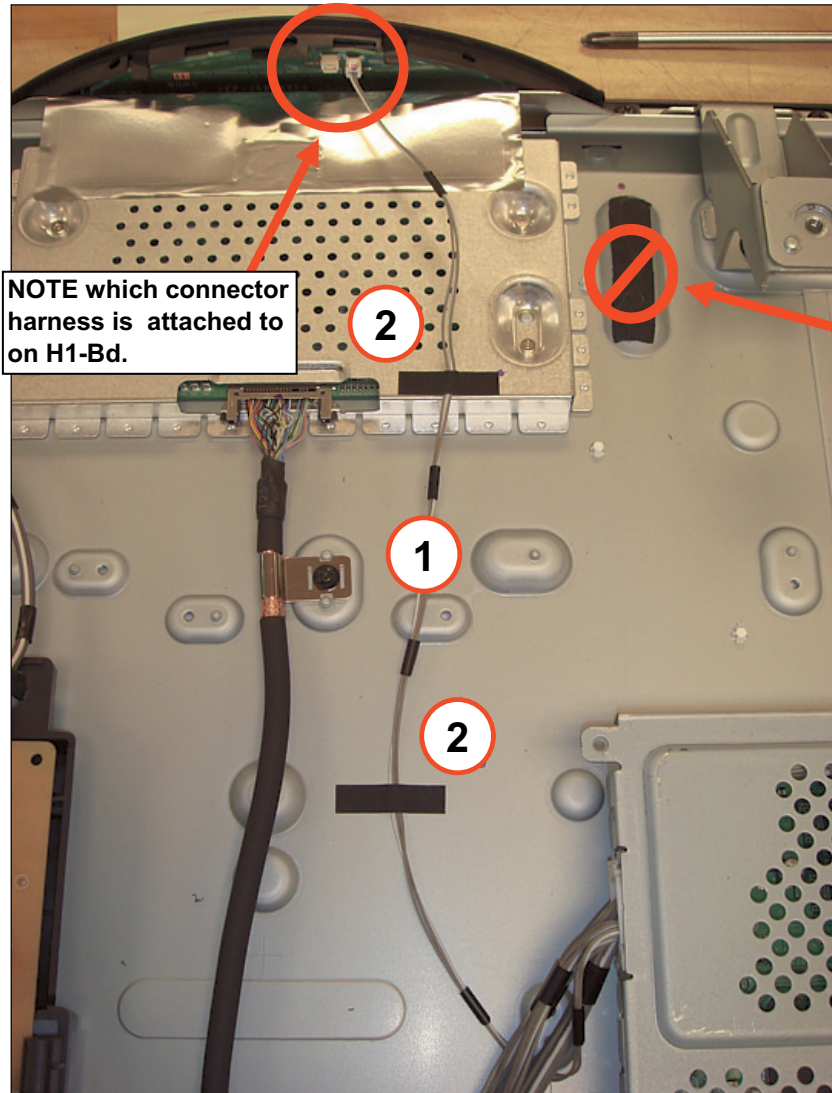
1. Wire route ESD GND wire as shown  
(NOTE: Actual Part will have BLUE insulation)
2. Use 3x12mm screw to fix ring terminal in  
U1 Bracket
3. Apply Sheet Core C to hold cable on panel.  
Use Bottom of "score line" and "Dimple"  
on panel ase guide for aligning tape.

## TORQUE SPECIFICATION

3mm TORQUE: 6.0kg-cm (+-1.0kg-cm)

## KDL-40SL130 ONLY

## H1 BOARD

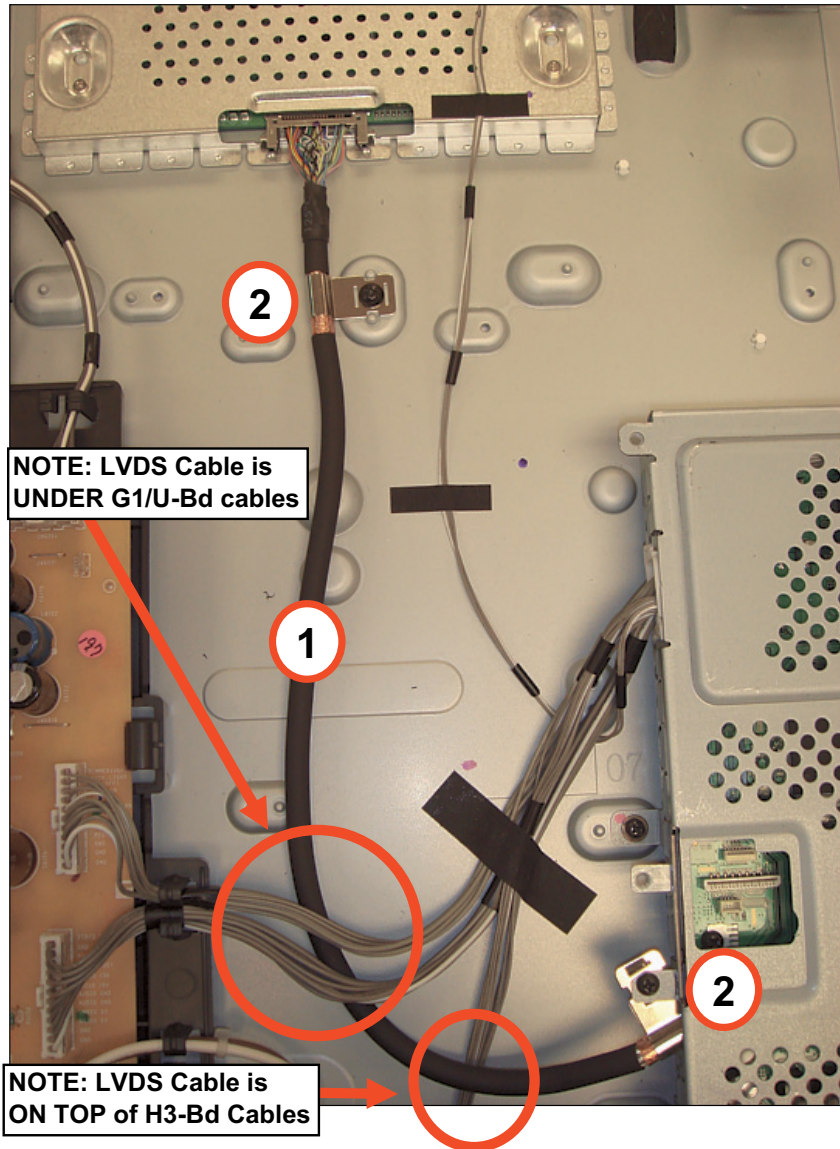


## OPERATION PROCESS

1. Dress/Route H1-Bd harness as shown on photo.
2. NOTE: Put attention on SLACK of cable.  
Between Connector on H1 and tape there is slack in wire.  
Between tapes there is a little slack.  
Between tape/DTT Shield there is slack.

**KDL-40SL130 ONLY**

**LVDS CABLE**



**OPERATION PROCESS**

1. Route 40P LVDS Cable between BU-Bd and TCON as shown.
2. Apply 3x8mm Screw (2-places) to ground LVDS cable.

G1 to BU cables are on TOP of LVDS.  
H3-Bd cables are UNDER LVDS.

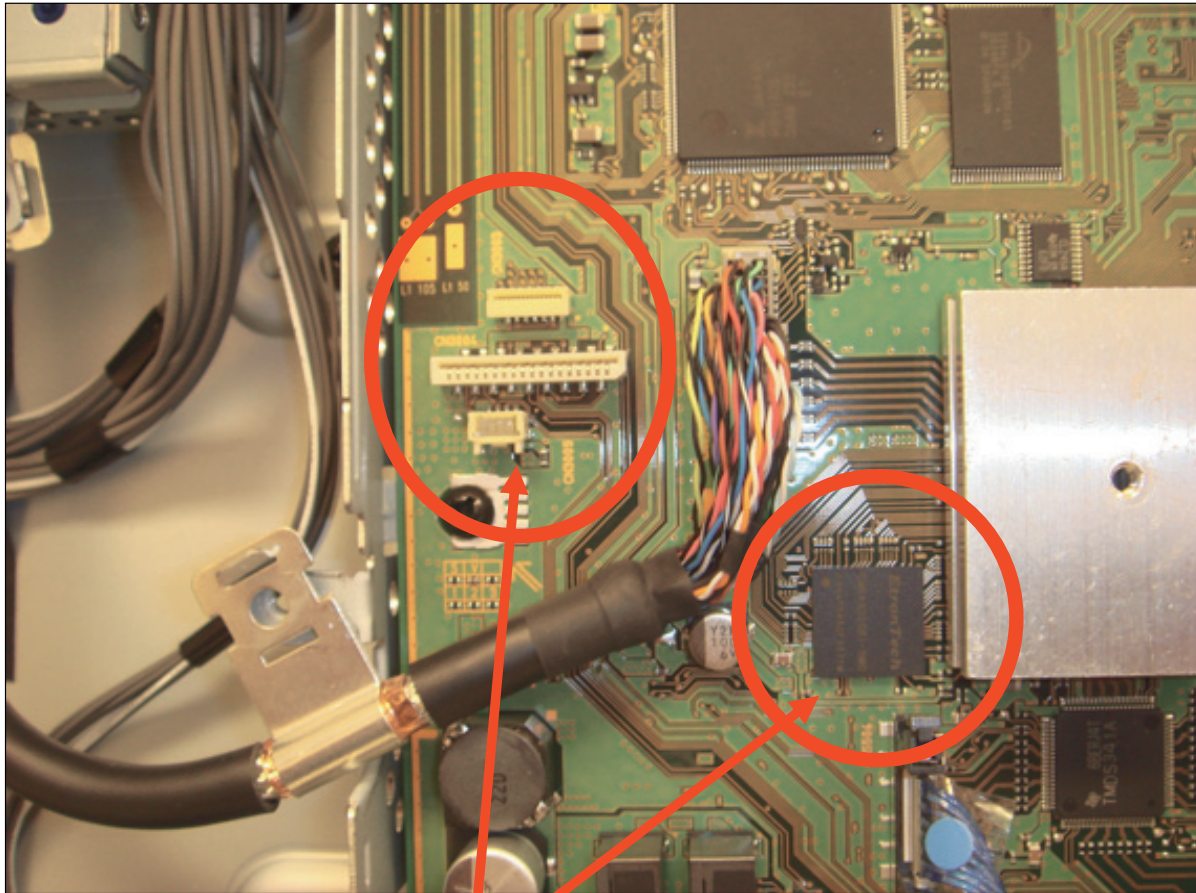
**TORQUE SPECIFICATION**

3mm TORQUE: 6.0kg-crr

x

## KDL-40SL130 ONLY

## LVDS CABLE (CONTINUED)



**CAUTION:** Keep LVDS Cables AWAY from JIG Connectors and Memory IC.

**OPERATION PROCESS**

Route LVDS Harness from BU-Board (CN4500) as shown.

**CAUTION:** Keep LVDS Wires AWAY from Memory IC and JIG Connectors!

## SECTION 2: SERVICE ADJUSTMENTS

### 2-1. USING THE REMOTE COMMANDER FOR ELECTRICAL ADJUSTMENTS

To adjust various set features, use the Remote Commander to put the set into service mode to display the service menus and categories.

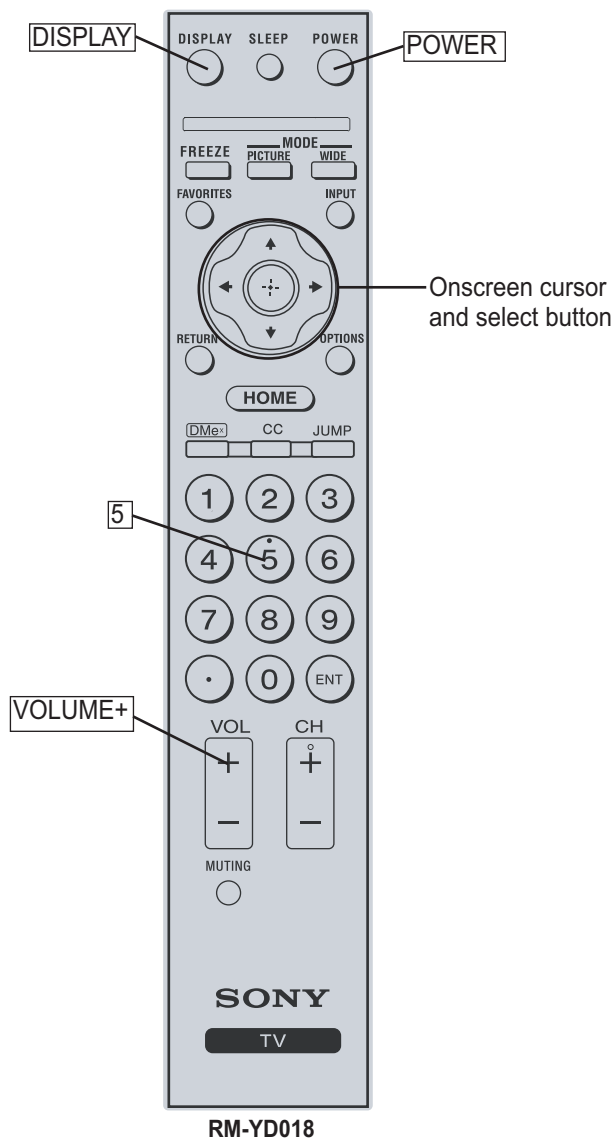
Equipment Needed:

- ✓ Pattern Generator (with component outputs)
- ✓ Oscilloscope
- ✓ Digital multimeter

### 2-2. ACCESSING SERVICE ADJUSTMENT MODE

1. TV must be in standby mode. (Power off).
2. Press the following buttons on the Remote Commander within a second of each other:

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

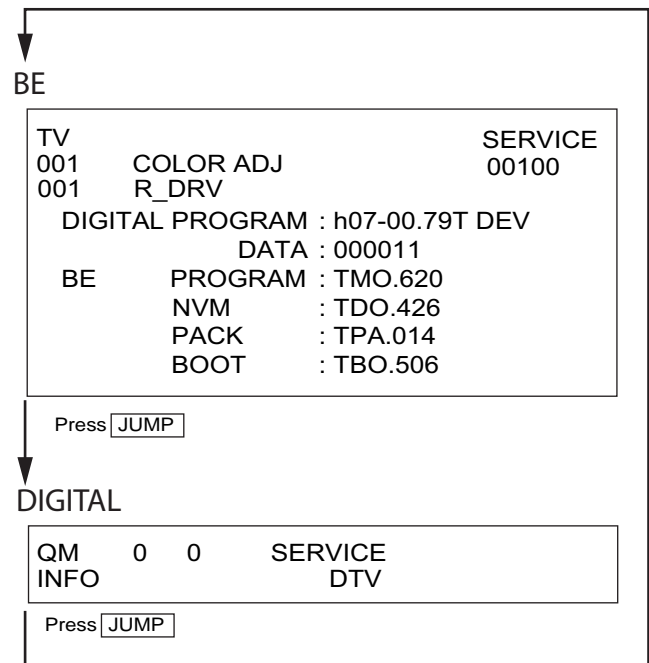


The first service menu (TV) displays.

### 2-3. VIEWING THE SERVICE MENUS

Use the Remote Commander to view the BE and Digital service menus options.

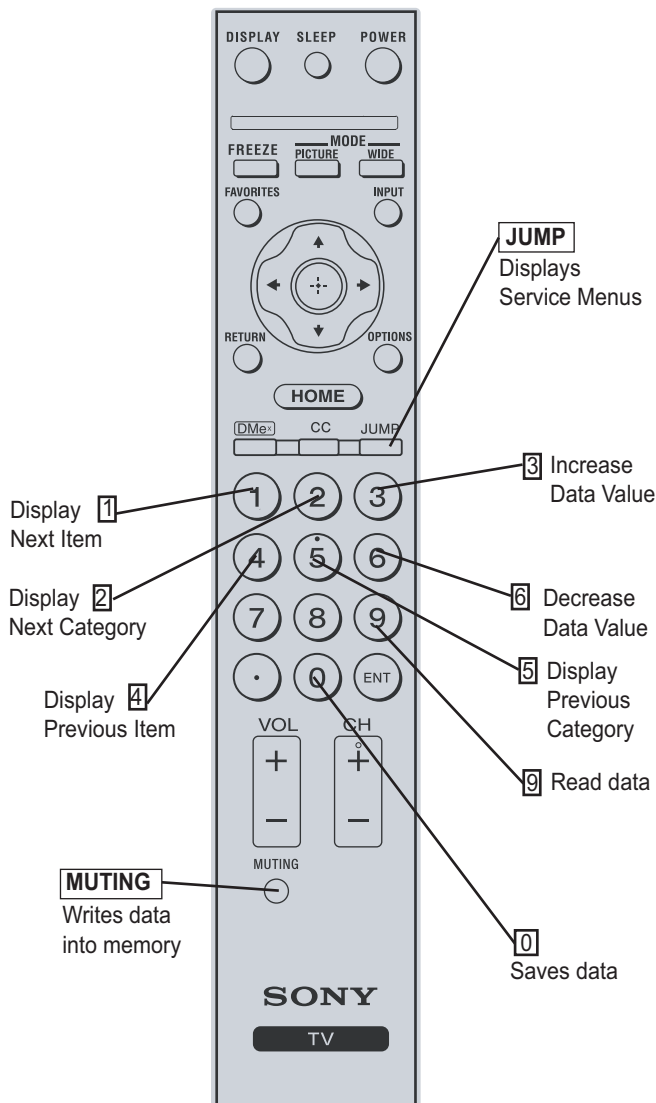
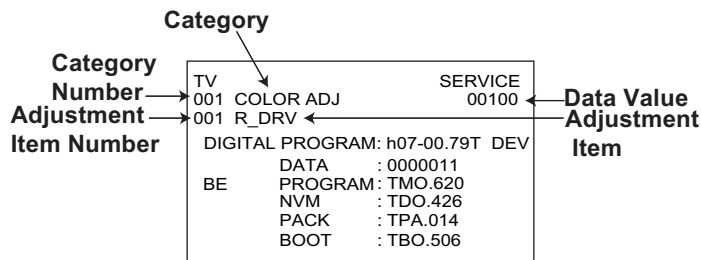
1. To display the **Service Menu** that contains the Category you want to adjust, press **JUMP** on the Remote Commander.  
(For a complete list of the service Categories refer to Service Menus)



Sample TV Service Menu

## 2-4. USING THE REMOTE COMMANDER TO VIEW SERVICE DATA

Use the buttons on the Remote Commander to access the service menu items and adjust the data values.



RM-YD018

1. Access Service Adjustment Mode and select the Service Menu that contains the Category with the Adjustment Item you want to change.
2. 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 change a Category on one of the other Service Menus, press the **JUMP** button until the correct Service Menu is displayed.
3. To change the **Adjustment Item**, press **1** or **4** on the Remote Commander.

### 2-4-1. CHANGING SERVICE DATA

The service data values have been selected to provide the best possible viewing performance. Although some of the data values are adjustable, the adjustments are very sensitive and changing them may reduce the picture quality of the set. The following instructions are provided for informational purposes only.

4. To change the **Data Value**, press **3** or **6** on the Remote Commander.
5. To save the changes, press **MUTING** then **0** to write into memory.

### 2-4-2. EXITING SERVICE MODE

After completing the changes, exit service mode.

6. To exit service mode, turn the power off by pressing **POWER**.

## SERVICE MENUS

### BE MICRO

#### 001 COLOR ADJ

- 001 R\_DRV
- 002 G\_DRV
- 003 B\_DRV
- 004 R\_BKG
- 005 G\_BKG
- 006 B\_BKG

#### 002 SETTING

- 001 AGING MODE
- 002 A-SHUTOFF DISABLE
- 003 NO SYNC MUTE

#### 003 INFORM

- 001 SET INFO RESET

### DIGITAL MICRO

- QM 0 INFO
- 1 PATN
- 2 GPTN
- QT 0 CVSB



## 2-5. VERIFYING SERVICE DATA CHANGES

1. After completing all adjustments turn the set off with the Remote Commander and then proceed to the next step.
2. Press the following buttons on the Remote Commander within a second of each other:  
[DISPLAY] → Channel [5] → Volume [+] → [POWER].
3. To verify the changes repeat steps 1 through 3 of 2-4. Using the Remote Commander to View Service Data.
4. To exit service mode, turn the power off by pressing [POWER].

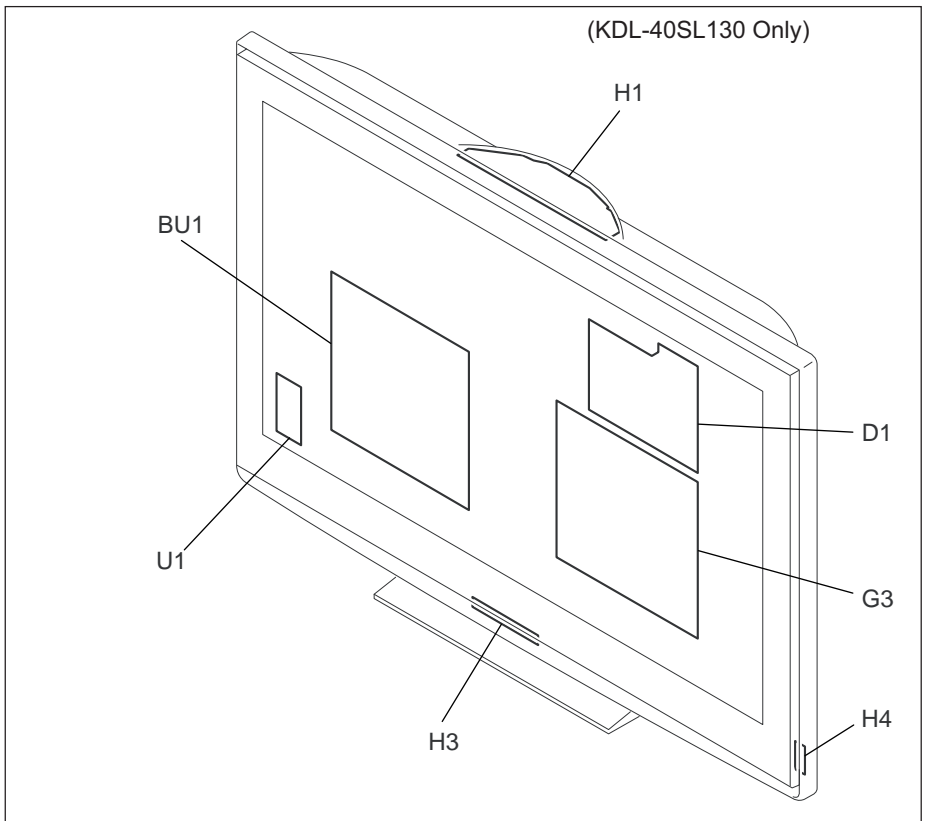
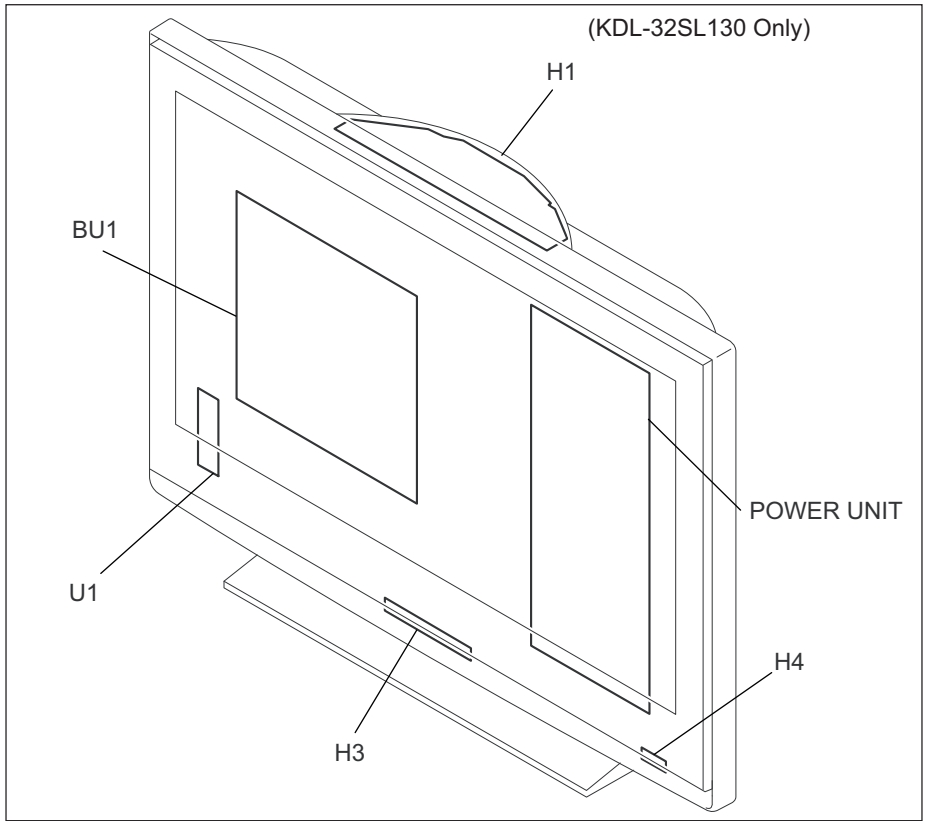
## 2-6. RESETTING TO FACTORY DEFAULTS

Use the following instructions to restore the User Controls and Channel Memory settings to the preset factory conditions.

1. While holding down the [▲] on the Remote Commander, press the POWER button on the Front Panel of the set.  
The set restarts and displays the initial setup screen. This may take several minutes.

# SECTION 3: DIAGRAMS

## 3-1. CIRCUIT BOARDS LOCATION



### 3-2. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS INFORMATION

All capacitors are in  $\mu\text{F}$  unless otherwise noted.  $\text{pF}$  :  $\mu\text{F}$  50WV 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 :  $1/4$  W

$1/4$  W in resistance,  $1/10$  W and  $1/16$  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
- : RS NONFLAMMABLE METAL OXIDE
- : RB NONFLAMMABLE CEMENT
- : ADJUSTMENT RESISTOR

**CAPACITOR**

- : TA TANTALUM
- : PS STYROL
- : PP POLYPROPYLENE
- : PT MYLAR
- : MPS METALIZED POLYESTER
- : MPP METALIZED POLYPROPYLENE
- : ALB BIPOLAR
- : ALT HIGH TEMPERATURE
- : ALR HIGH RIPPLE

**COIL**

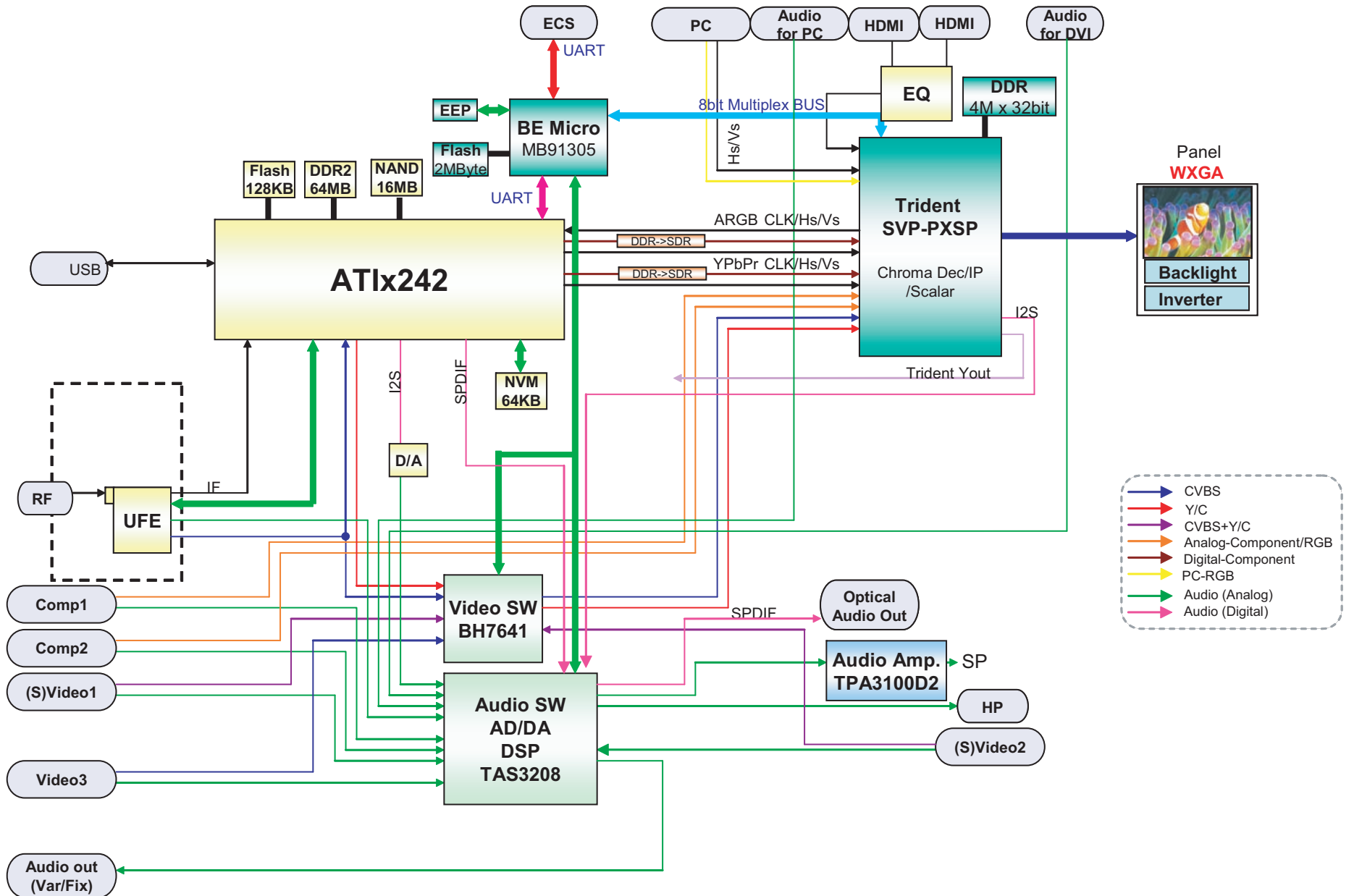
- : LF-8L MICRO INDUCTOR

### Terminal name of semiconductors in silk screen printed circuit (\*):

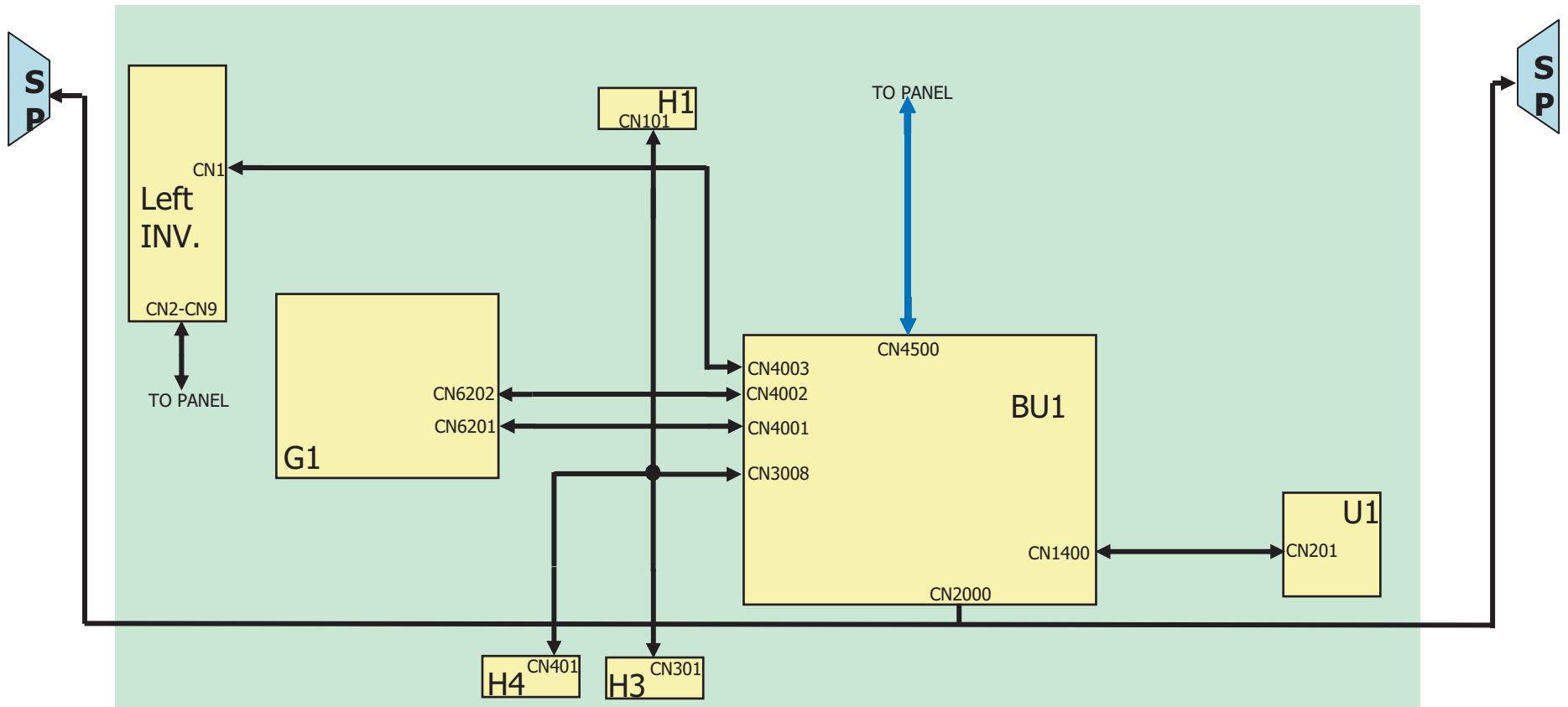
	Device	Printed symbol	Terminal name	Circuit
1	Transistor		Collector Base Emitter	
2	Transistor		Collector Base Emitter	
3	Diode		Cathode Anode	
4	Diode		Cathode Anode (NC)	
5	Diode		Cathode Anode (NC)	
6	Diode		Common Anode Cathode	
7	Diode		Common Anode Cathode	
8	Diode		Common Anode Anode	
9	Diode		Common Anode Anode	
0	Diode		Common Cathode Cathode	
!j	Diode		Common Cathode Cathode	
!TM	Diode		Anode Anode Cathode Anode Cathode	
!E	Transistor (FET)		Drain Source Gate	
!C	Transistor (FET)		Drain Source Gate	
!?	Transistor (FET)		Source Drain Gate	
!S	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	
@o	Transistor		C1 B2 E2 E1 B1 C2	
@1	Transistor		E2 B1 E1 C2 C1(B2)	
@TM	Transistor		(B2) B1 E1 E2 C1 C2	
@E	Transistor		(B2) E2 E1 B1 C2 C1	
-	Discrete semiconductot			

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

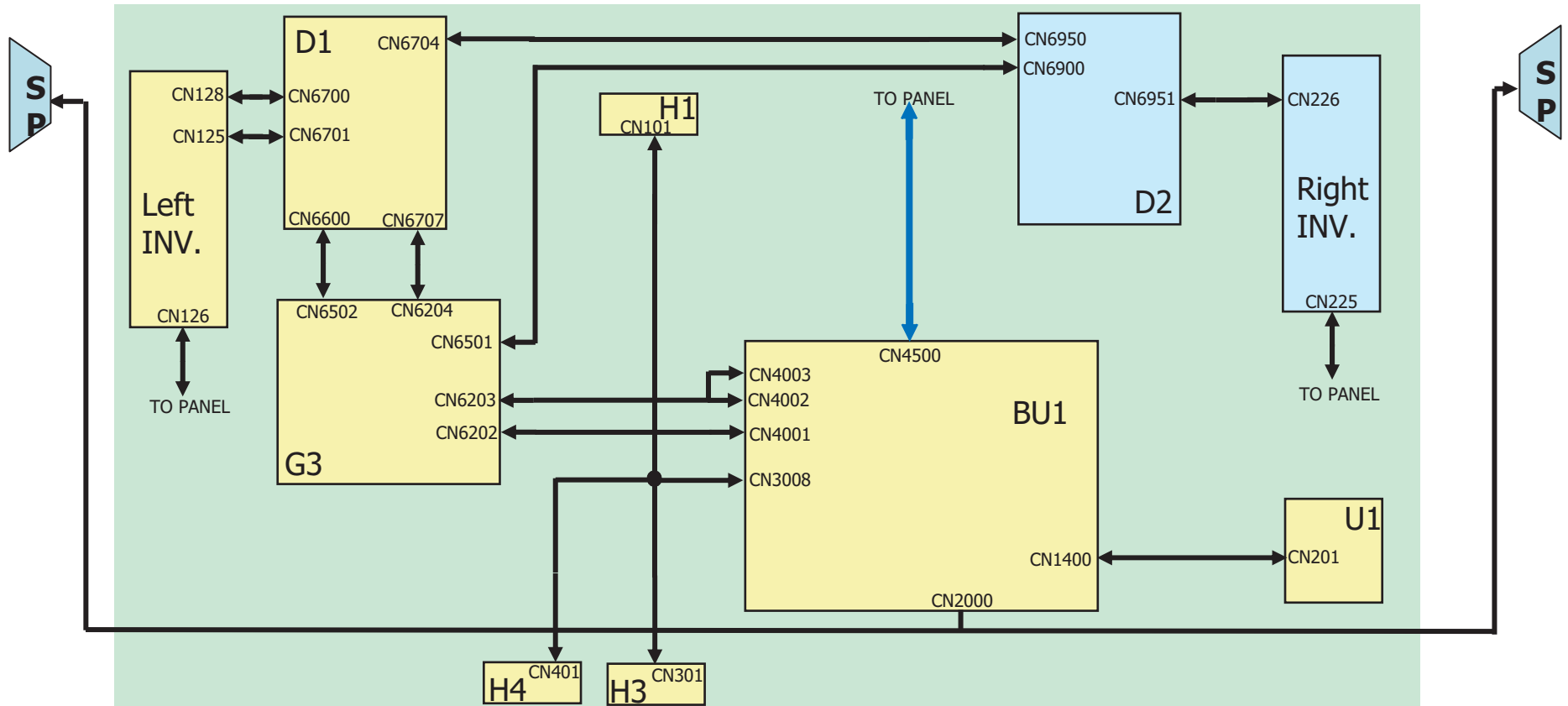
### 3-3. BLOCK DIAGRAM SIGNAL FLOW DIAGRAM



CONNECTION DIAGRAM (KDL-32SL130 ONLY)

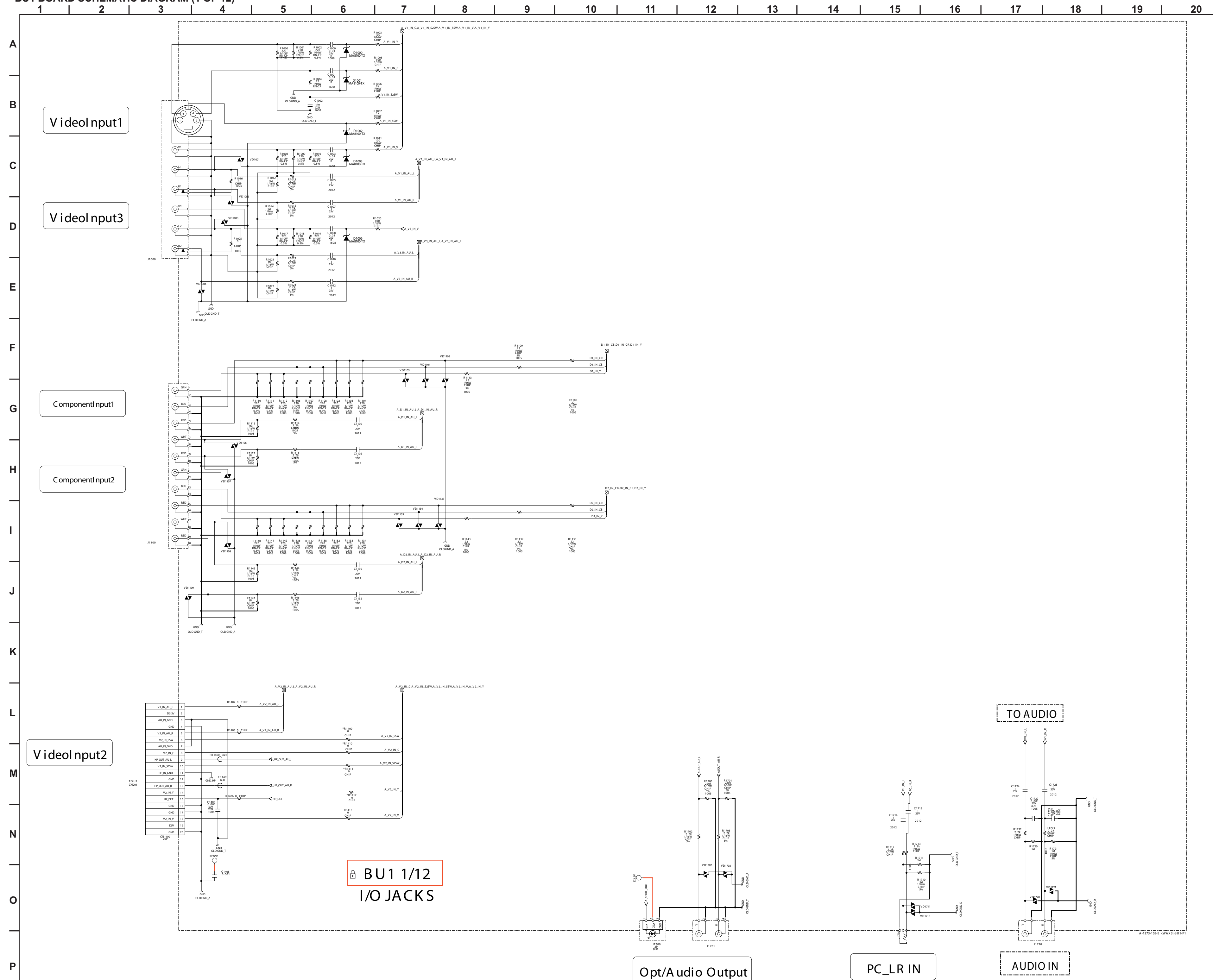


CONNECTION DIAGRAM (KDL-40SL130 ONLY)

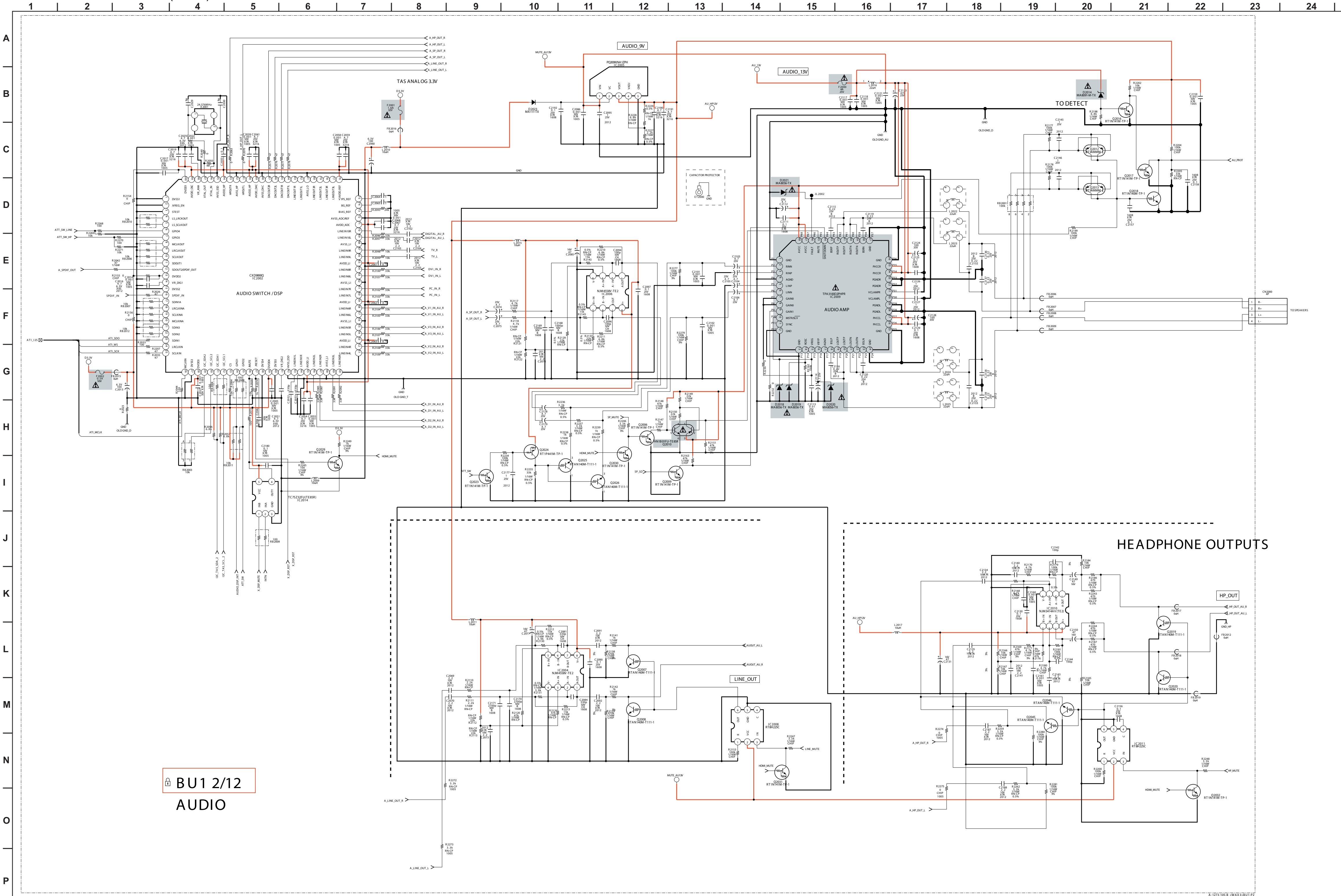


46" ONLY

3-4. SCHEMATICS AND SUPPORTING INFORMATION  
BU1 BOARD SCHEMATIC DIAGRAM (1 OF 12)



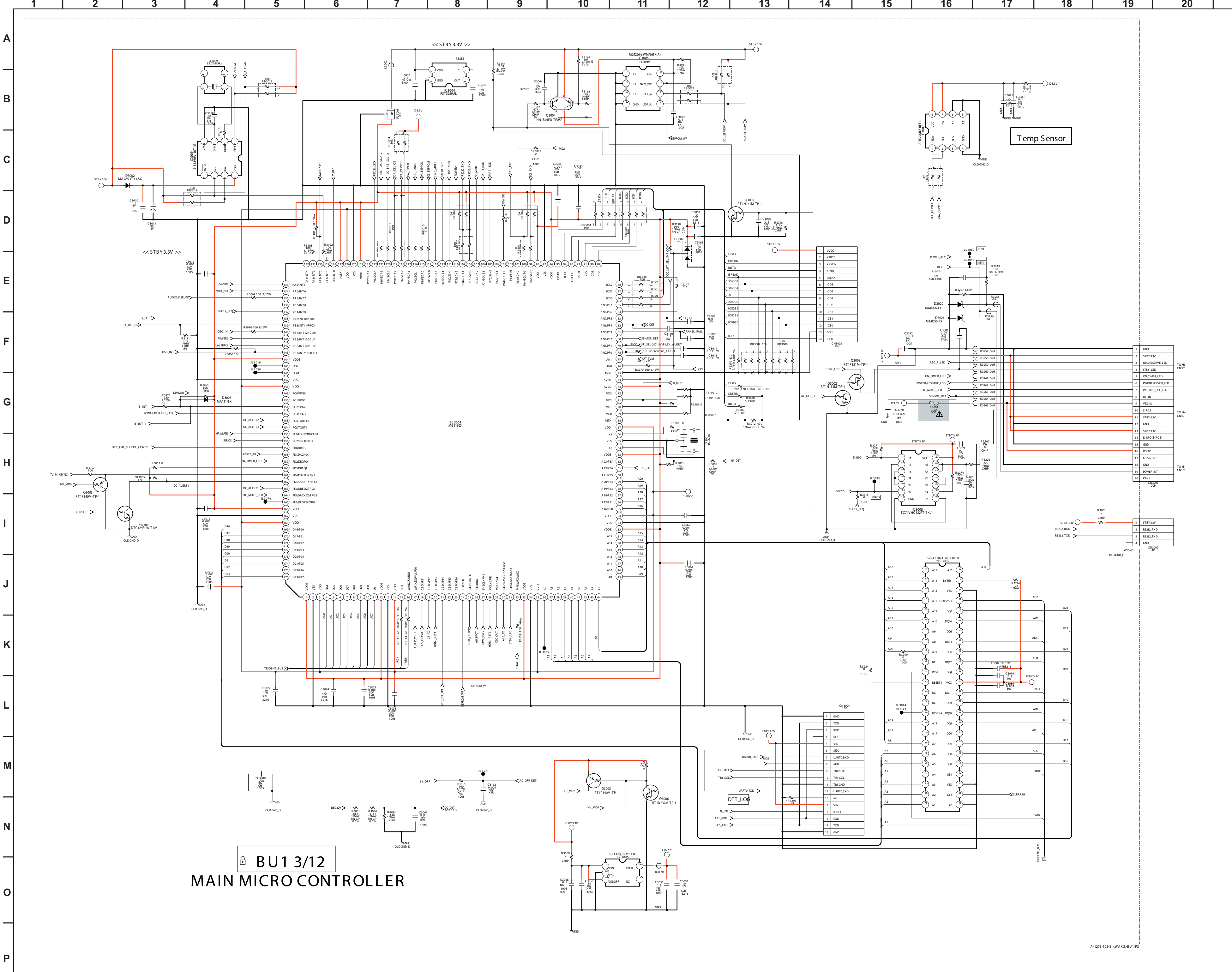
BU1 BOARD SCHEMATIC DIAGRAM (2 OF 12)



**BU1 2/12**  
**AUDIO**

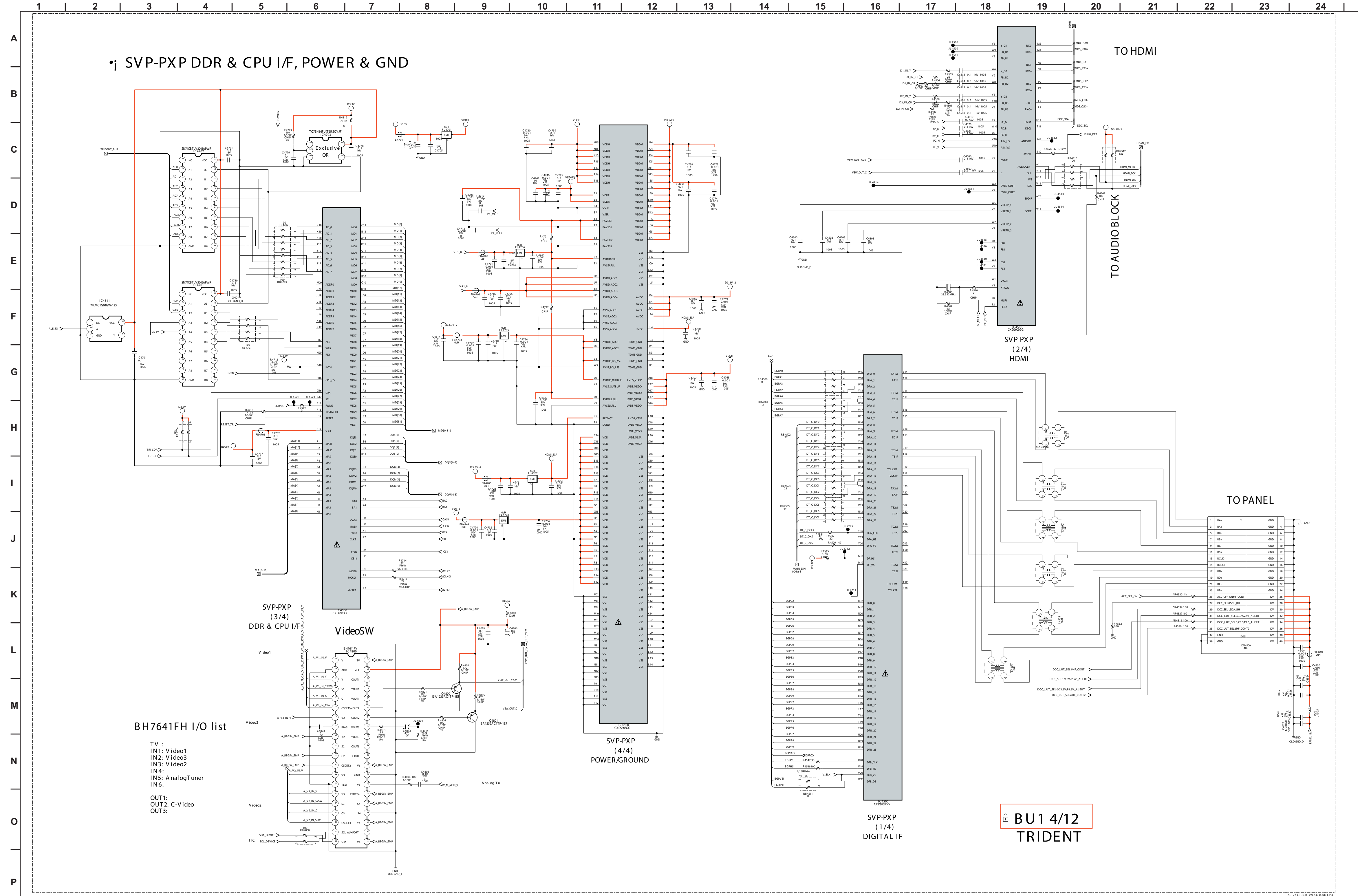


BU1 BOARD SCHEMATIC DIAGRAM (3 OF 12)

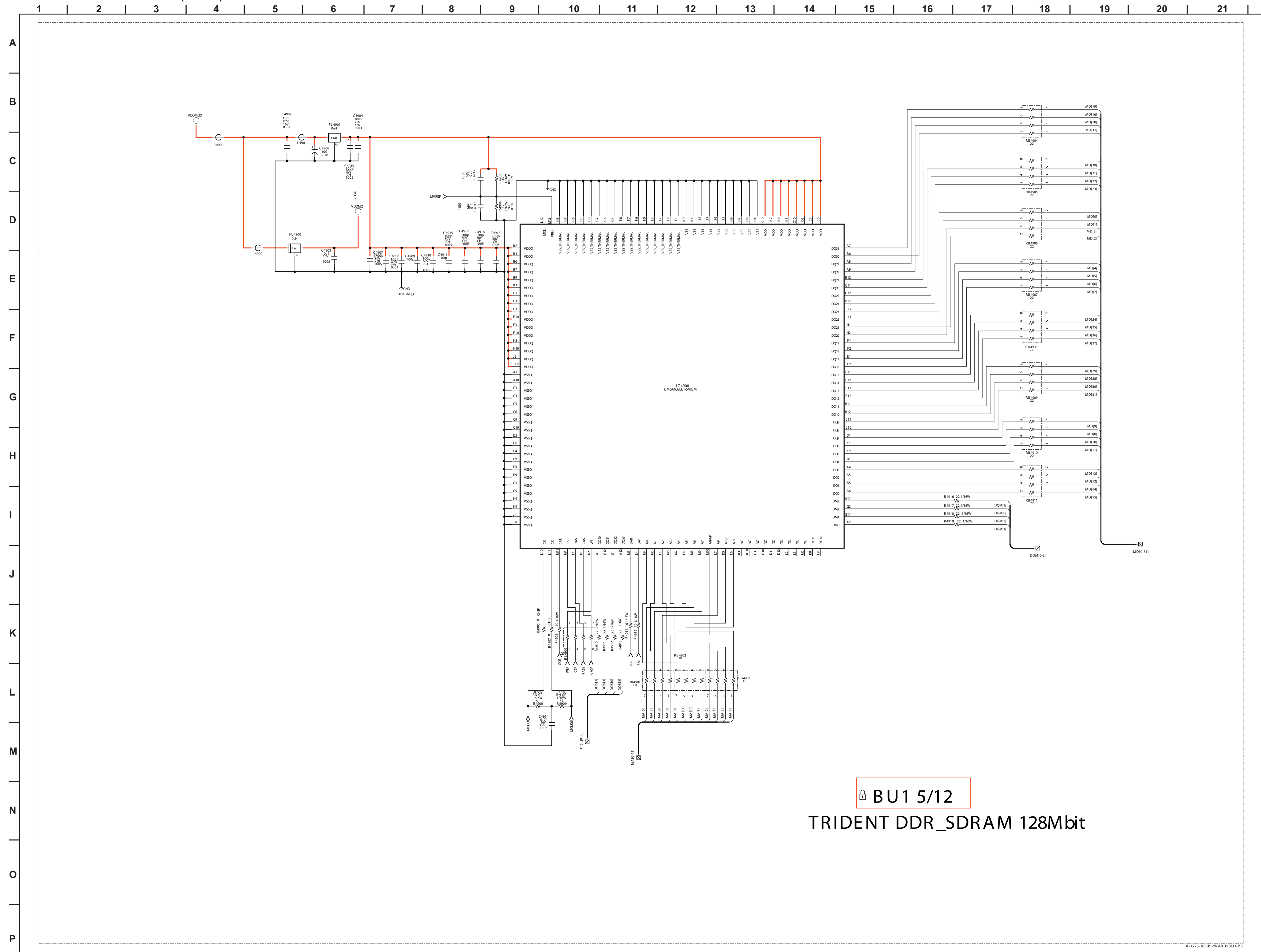


BU1 3/12  
MAIN MICRO CONTROLLER

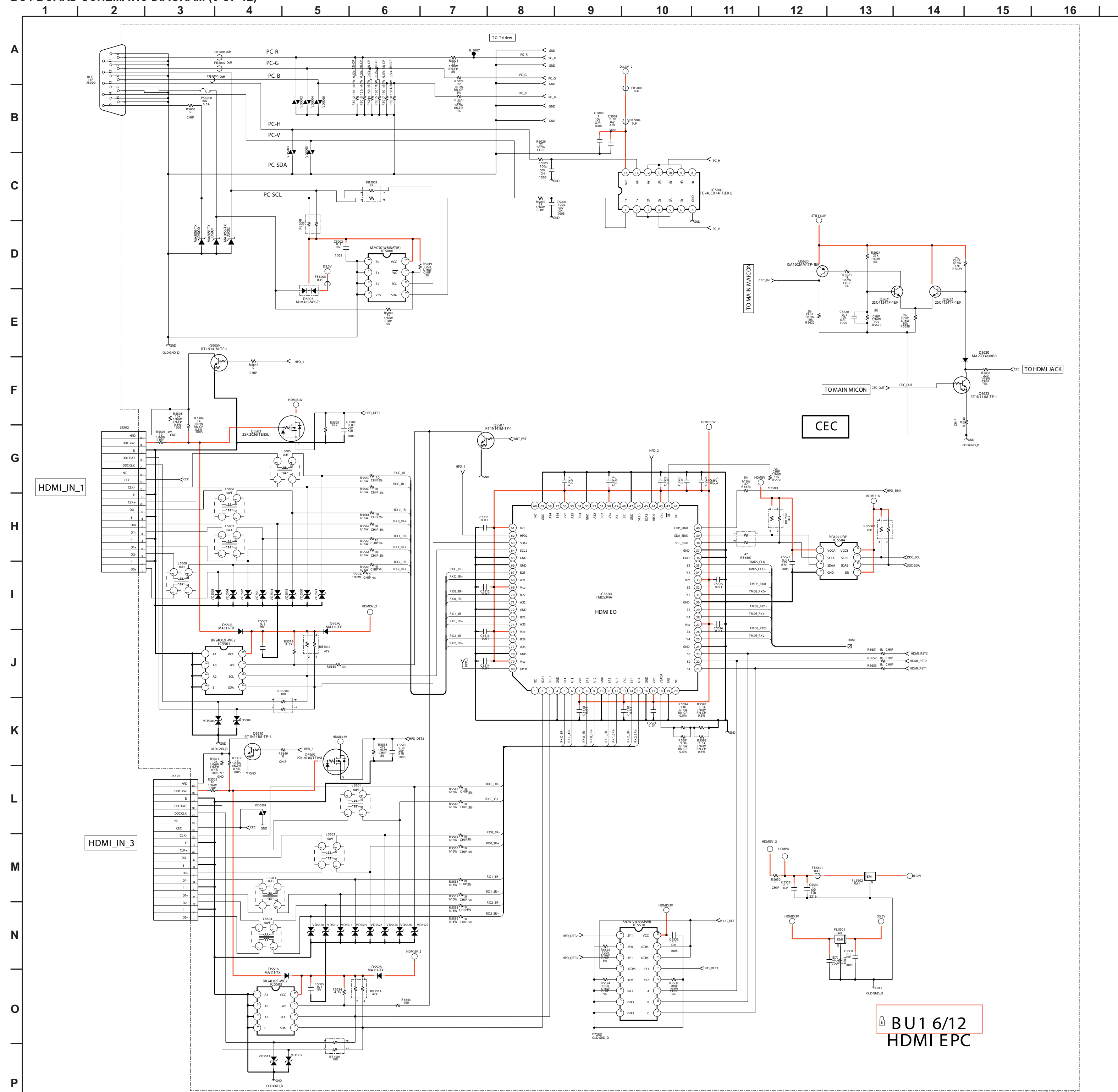
BU1 BOARD SCHEMATIC DIAGRAM (4 OF 12)



BU1 BOARD SCHEMATIC DIAGRAM (5 OF 12)

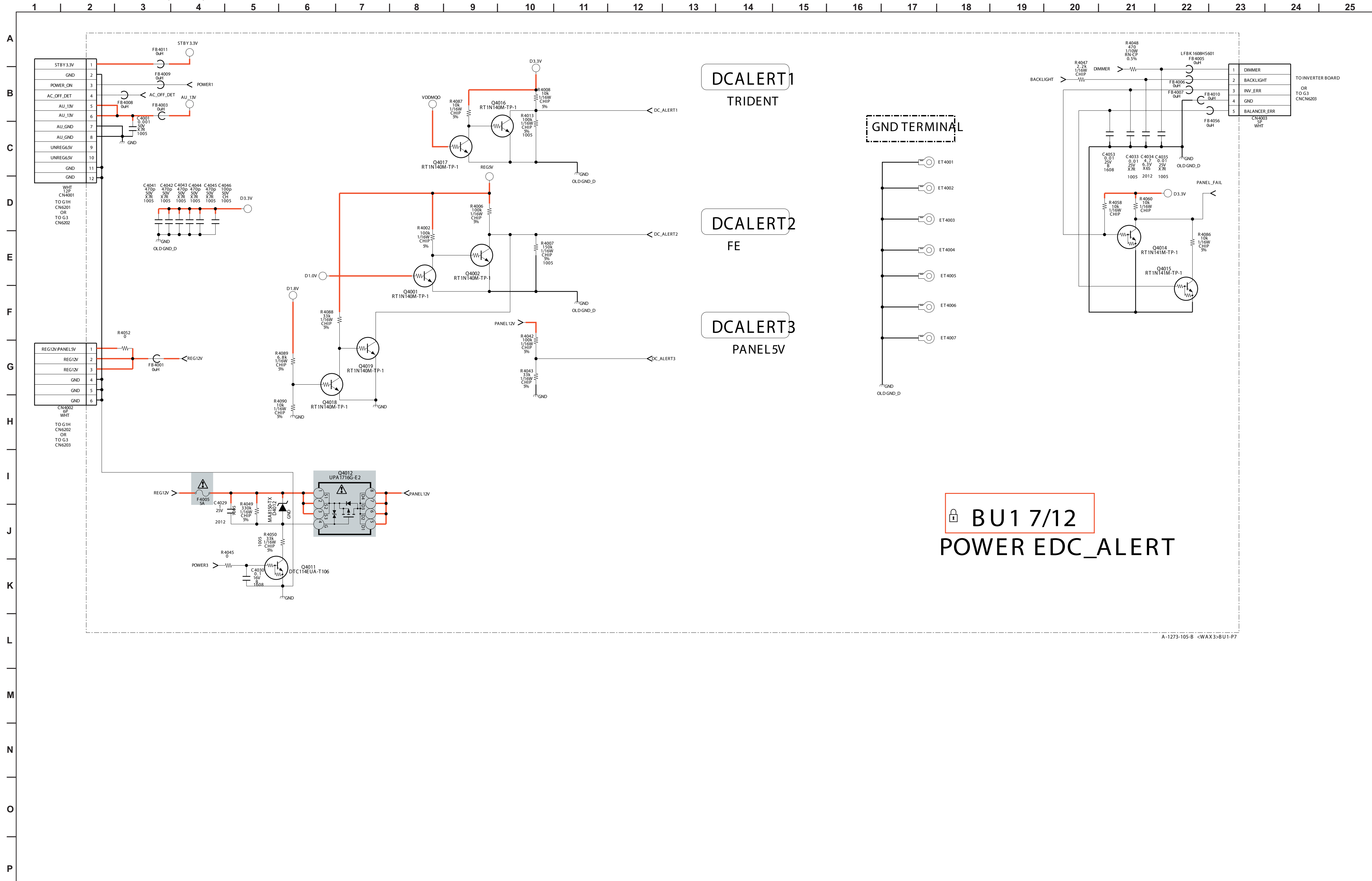


BU1 BOARD SCHEMATIC DIAGRAM (6 OF 12)



BU1 6/12  
HDMI EPC

BU1 BOARD SCHEMATIC DIAGRAM (7 OF 12)

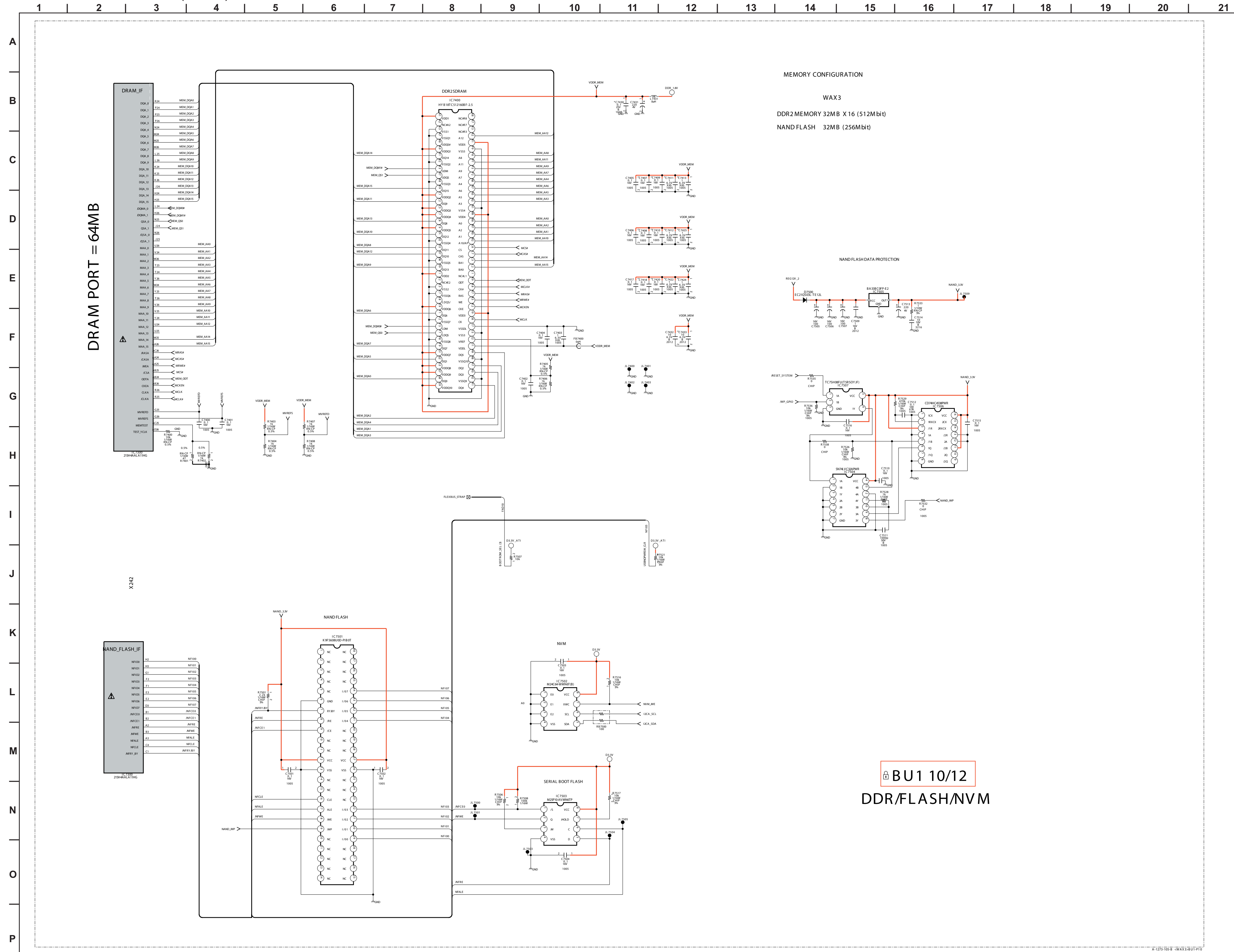


A-1273-105-B <WAX3>BU1-P7



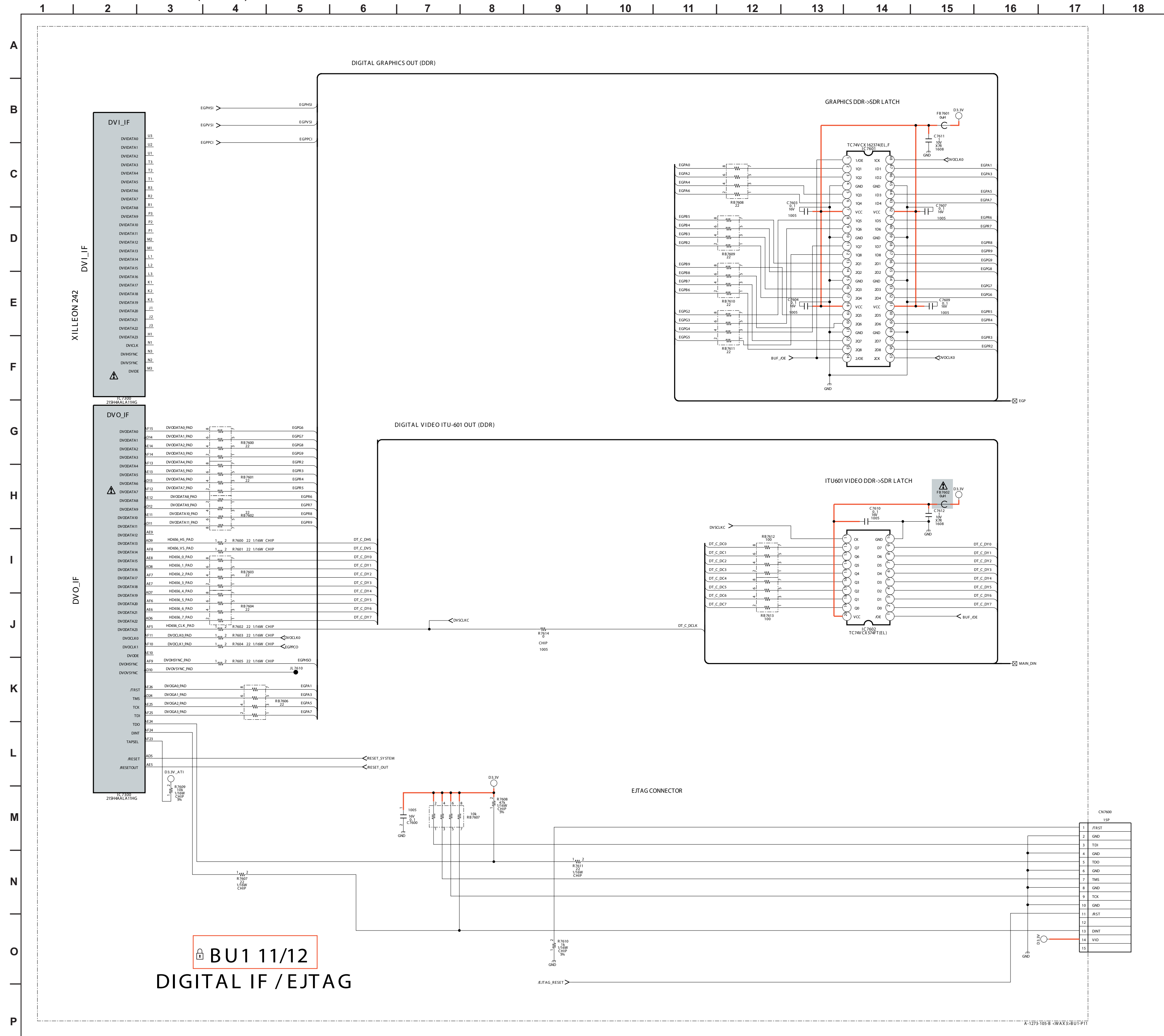


BU1 BOARD SCHEMATIC DIAGRAM (10 OF 12)



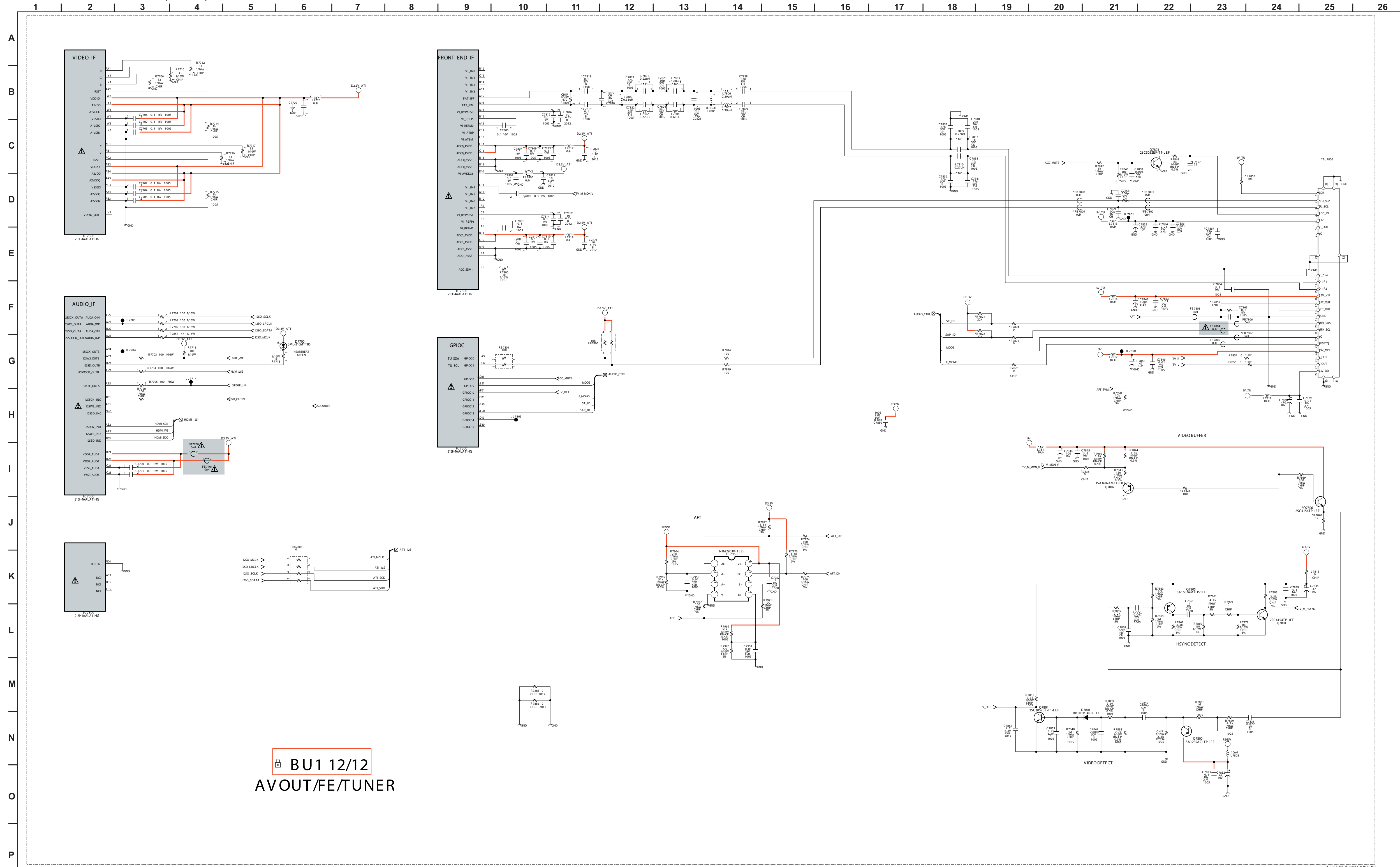


BU1 BOARD SCHEMATIC DIAGRAM (11 OF 12)



BU1 11/12  
DIGITAL IF / EJTAG

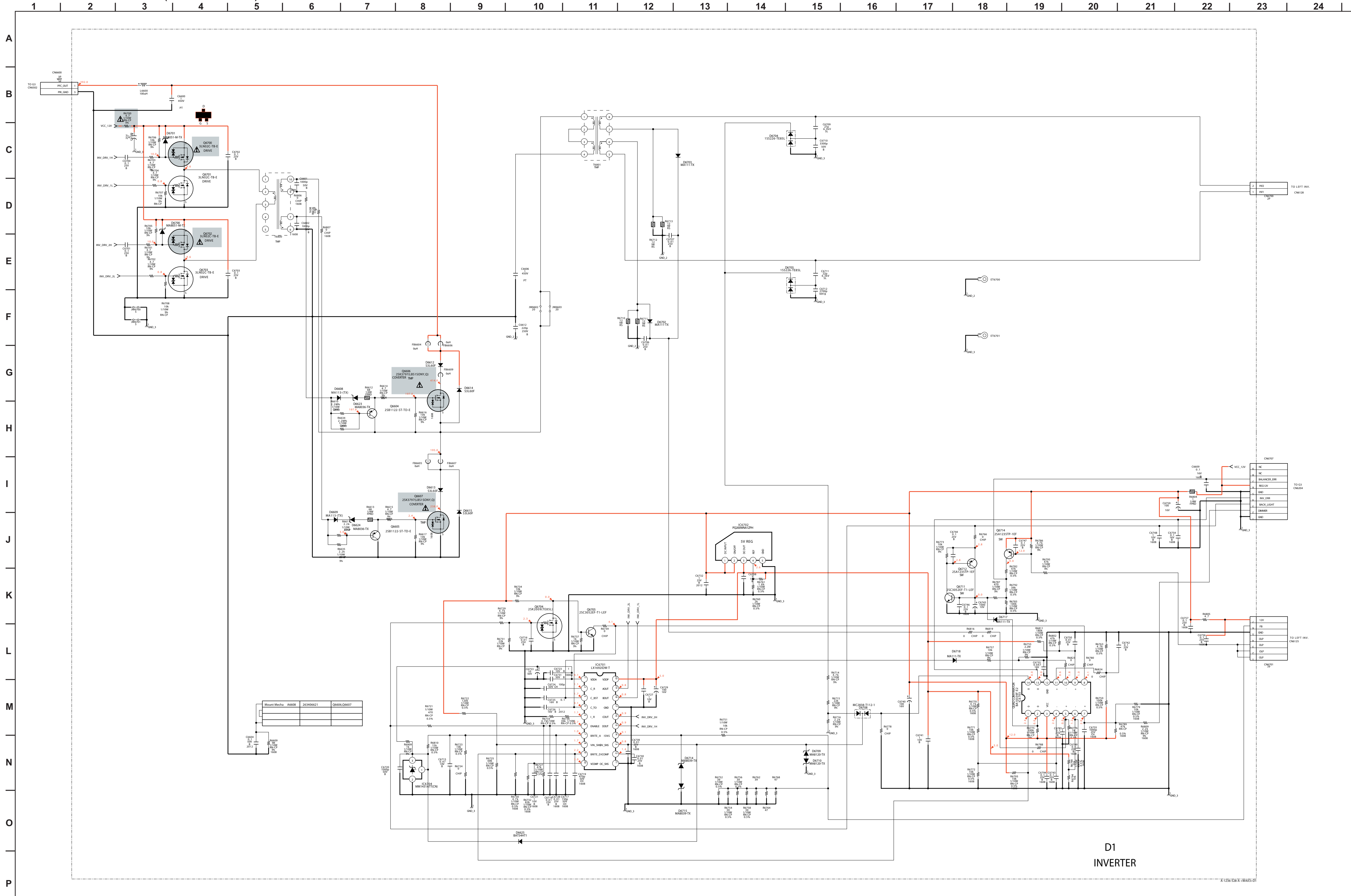
BU1 BOARD SCHEMATIC DIAGRAM (12 OF 12)



**BU1 12/12**  
**AVOUT/FE/TUNER**

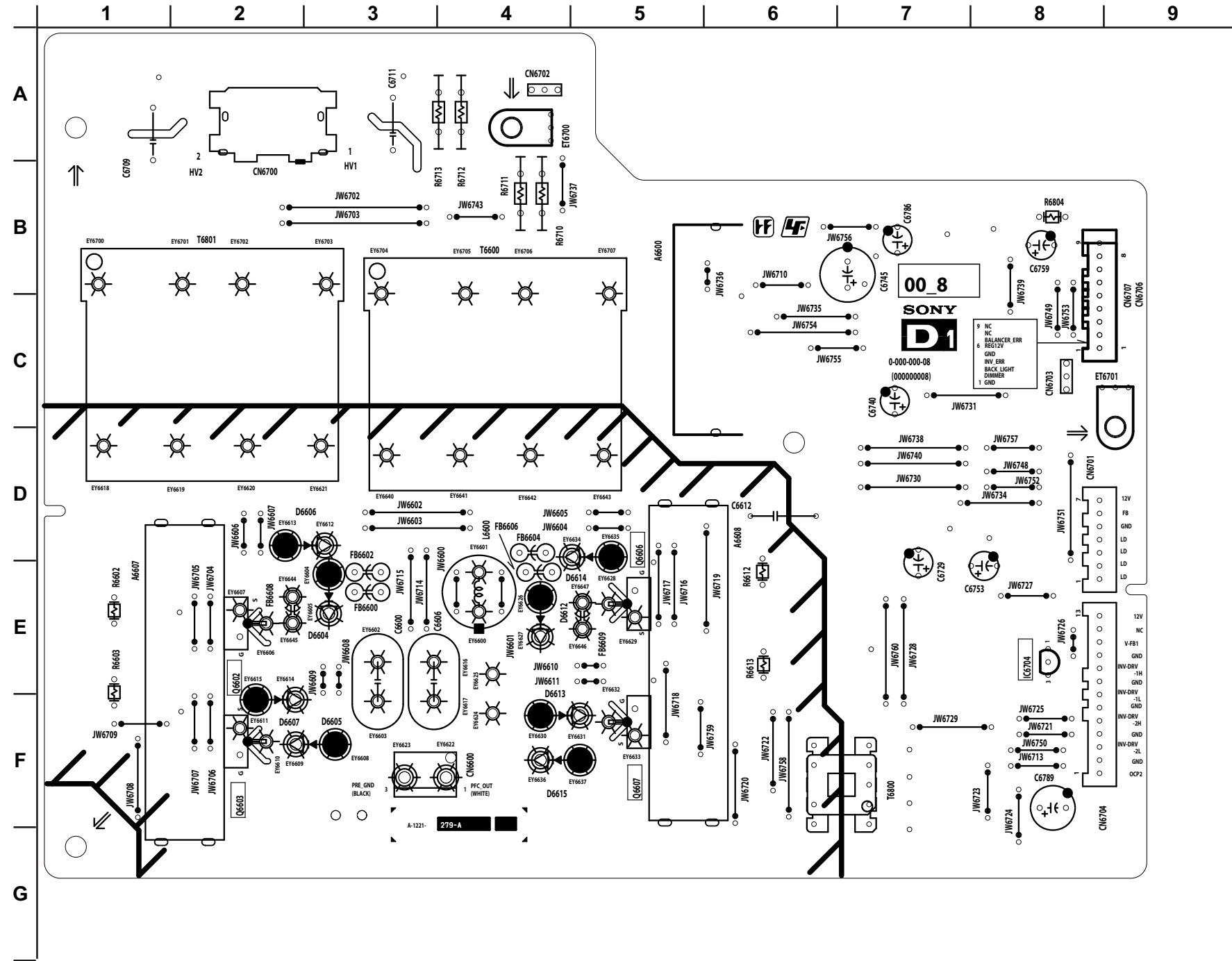


D1 BOARD SCHEMATIC DIAGRAM (KDL-40SL130 ONLY)

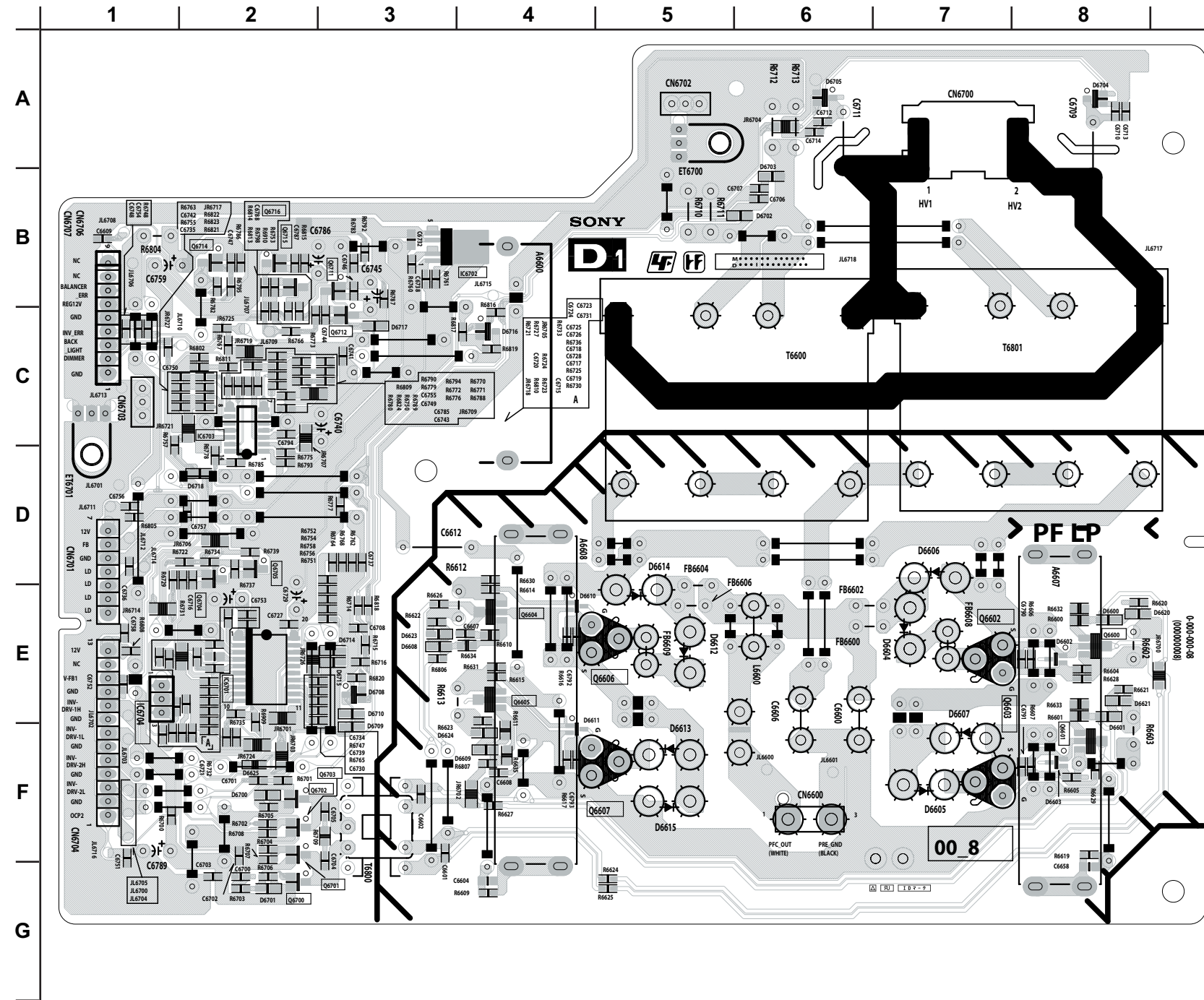


D1 INVERTER

# D1 [INVERTER] COMPONENT SIDE (KDL-40SL130 ONLY)

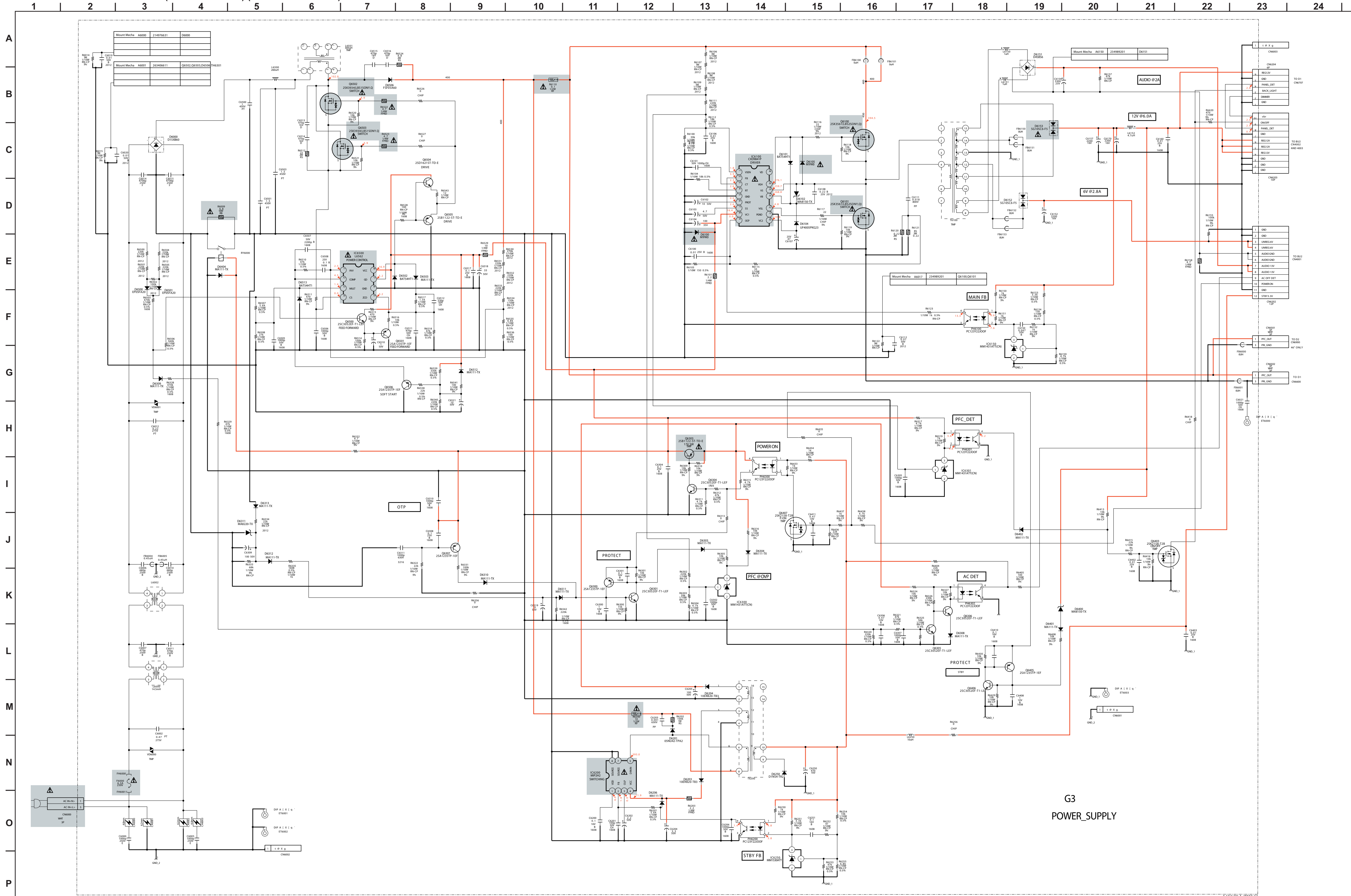


**D1** [INVERTER]  
CONDUCTOR SIDE (KDL-40SL130 ONLY)





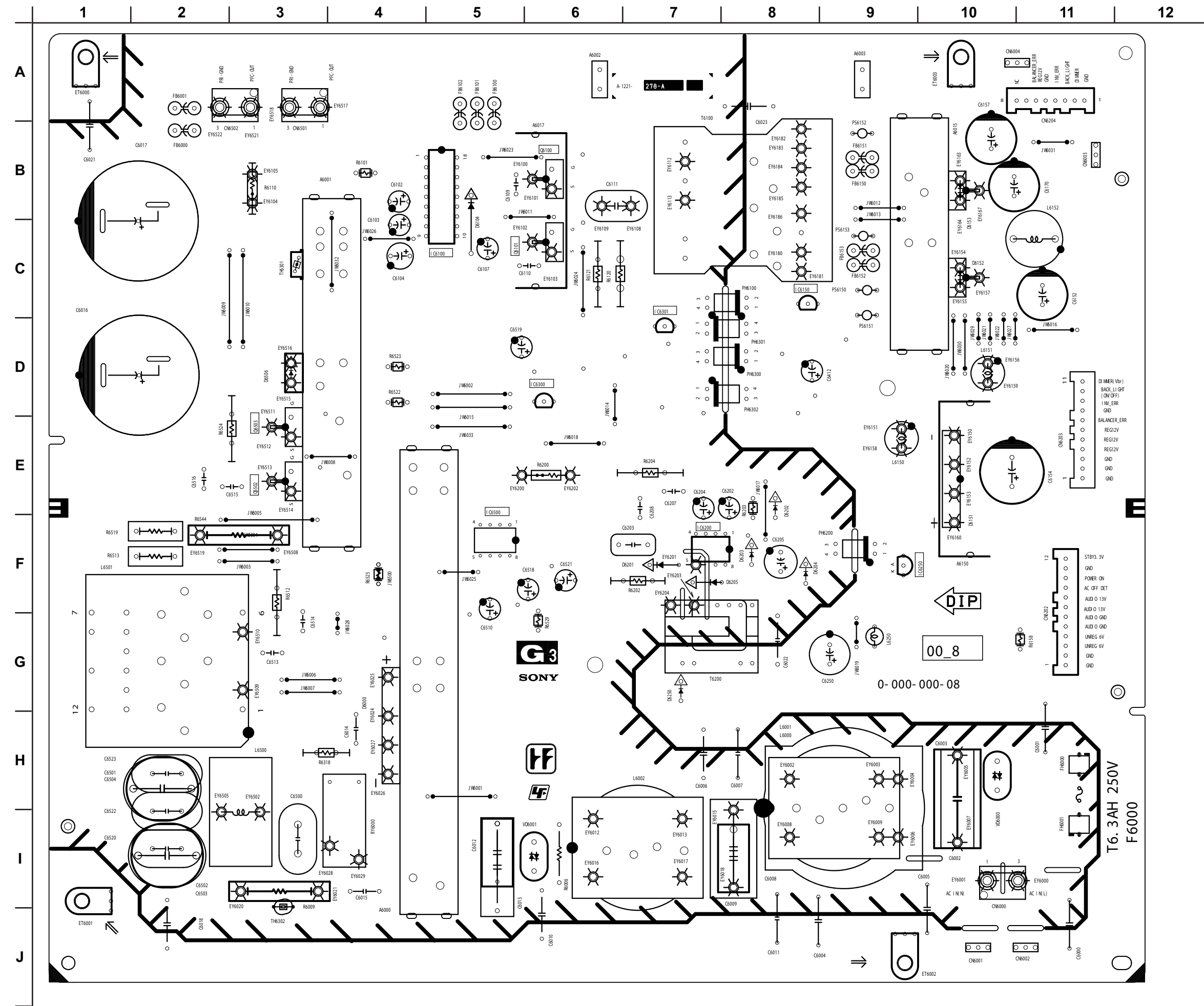
G3 BOARD SCHEMATIC DIAGRAM (POWER SUPPLY) (KDL-40SL130 ONLY)



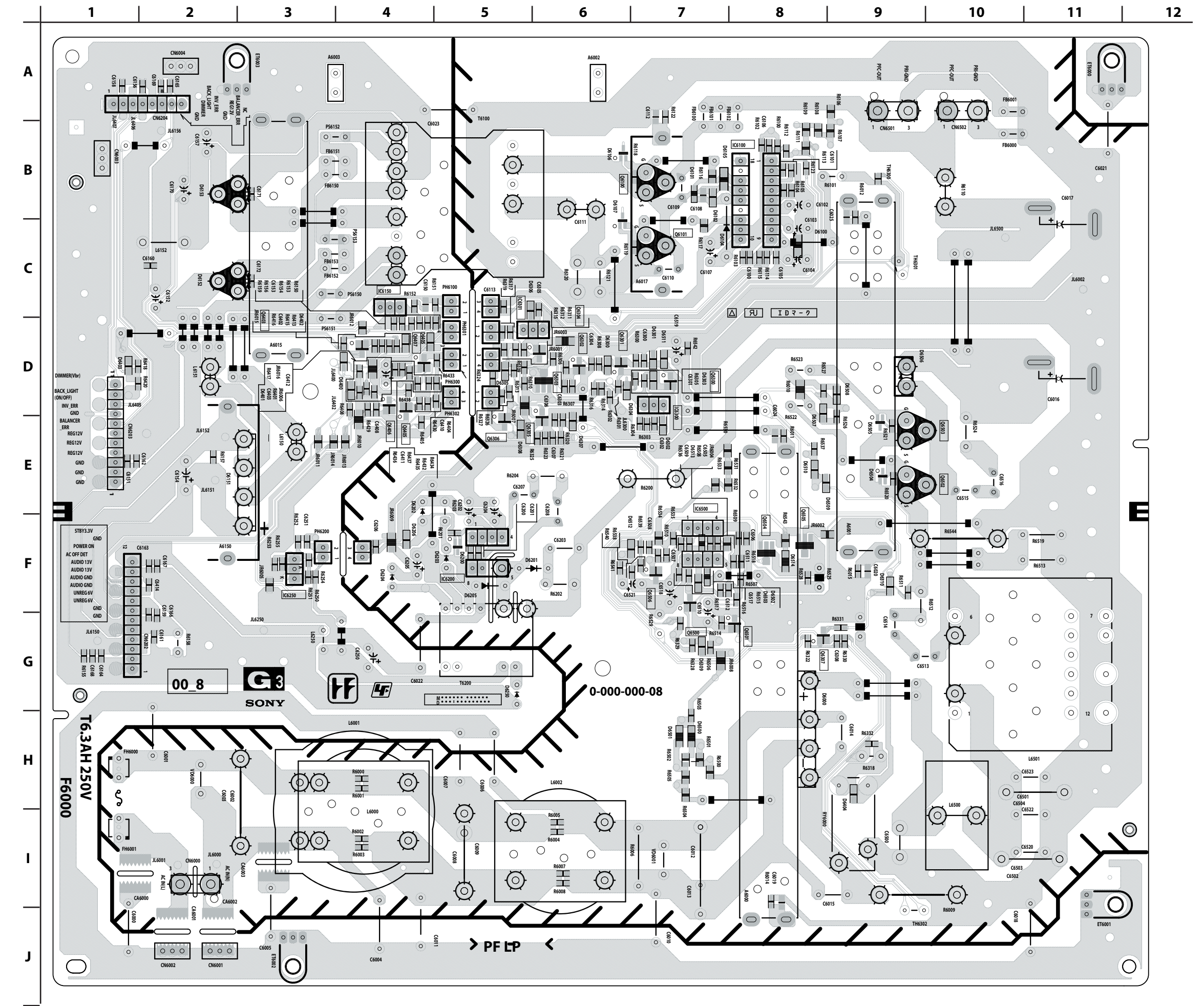
G3  
POWER\_SUPPLY



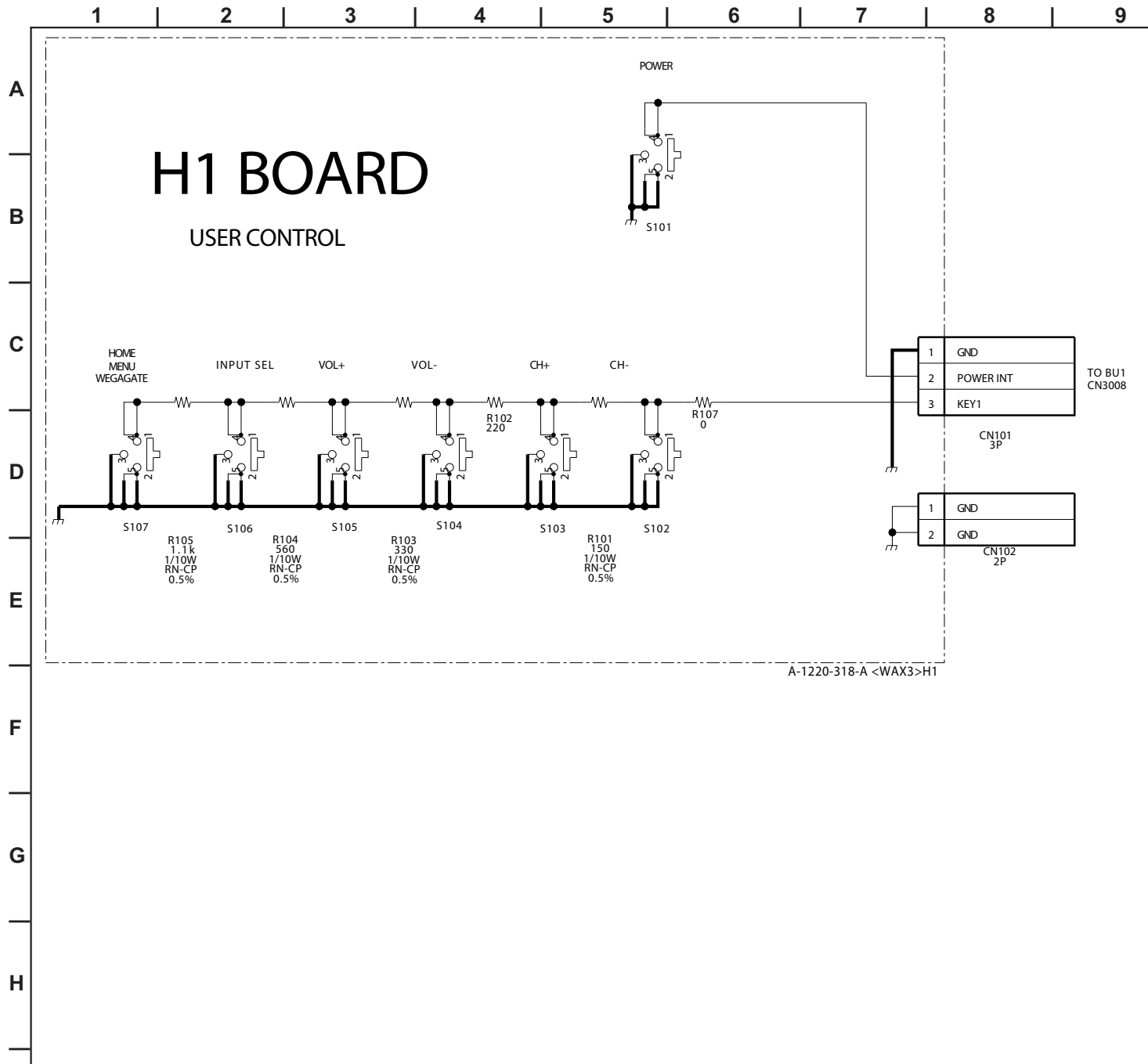
**G3** [POWER SUPPLY]  
COMPONENT SIDE (KDL-40SL130 ONLY)



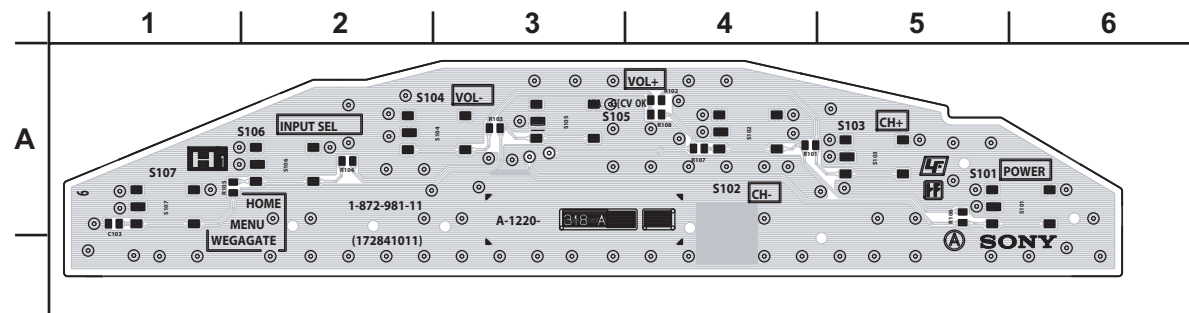
**G3** [POWER SUPPLY]  
COMPONENT SIDE (KDL-40SL130 ONLY)



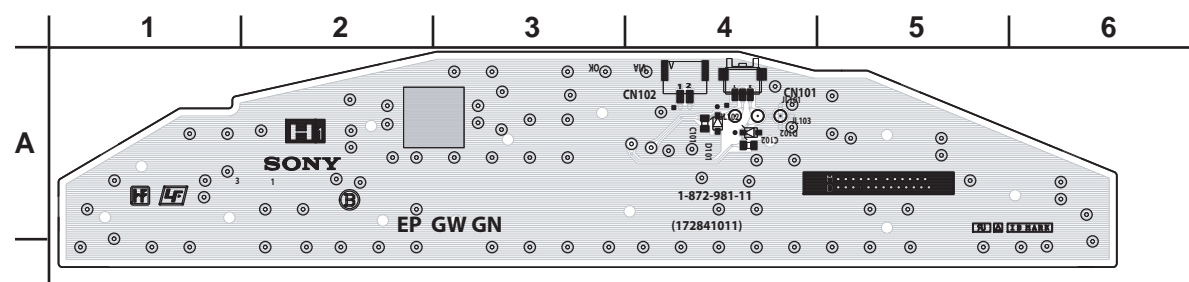
H1 BOARD SCHEMATIC DIAGRAM



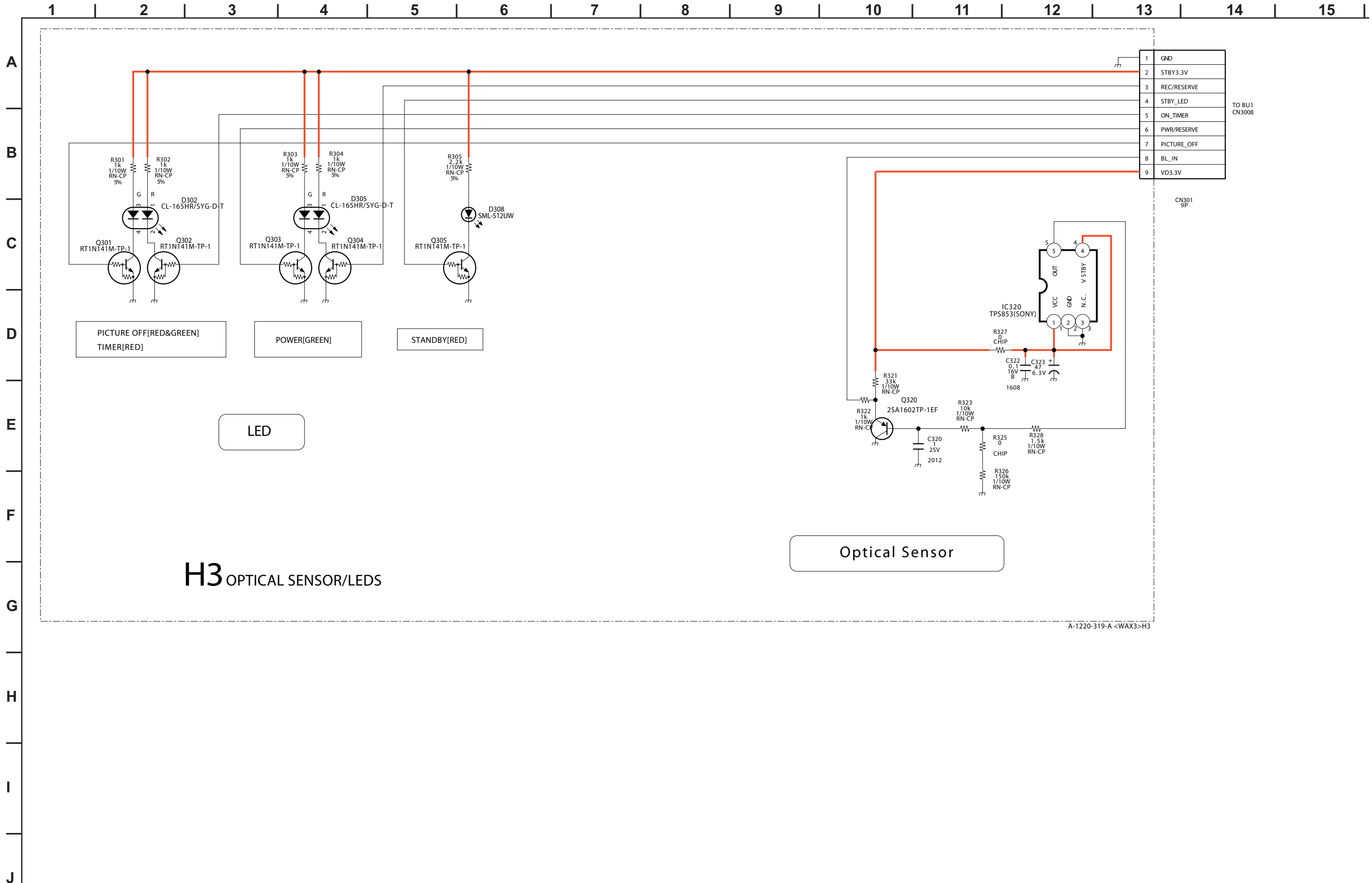
**H1** [USER CONTROL]  
**COMPONENT SIDE**



**H1** [USER CONTROL]  
**CONDUCTOR SIDE**



H3 BOARD SCHEMATIC DIAGRAM



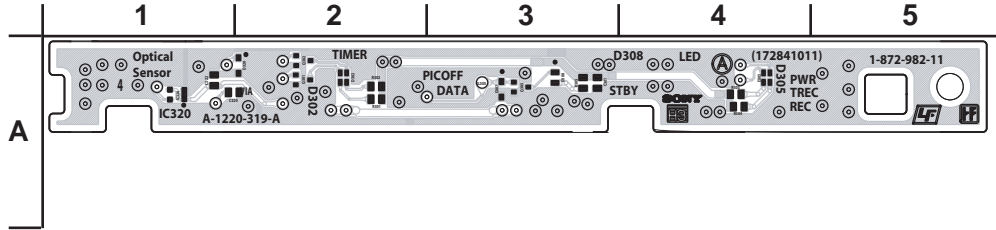
1	GND
2	STBY3.3V
3	REC/RESERVE
4	STBY_LED
5	ON_TIMER
6	PWR/RESERVE
7	PICTURE_OFF
8	BL_IN
9	VD3.3V

TO BU1  
CN3008

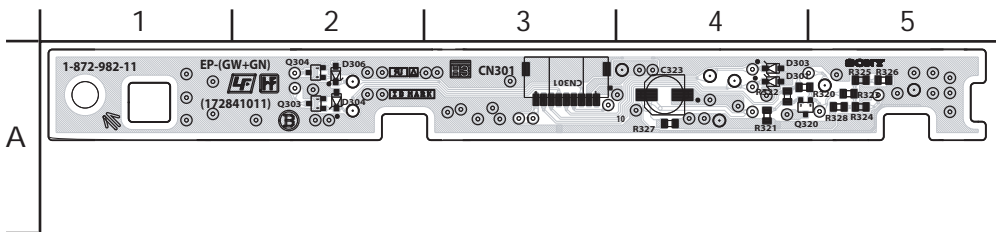
CN301  
9P

A-1220-319-A <WAX3>H3

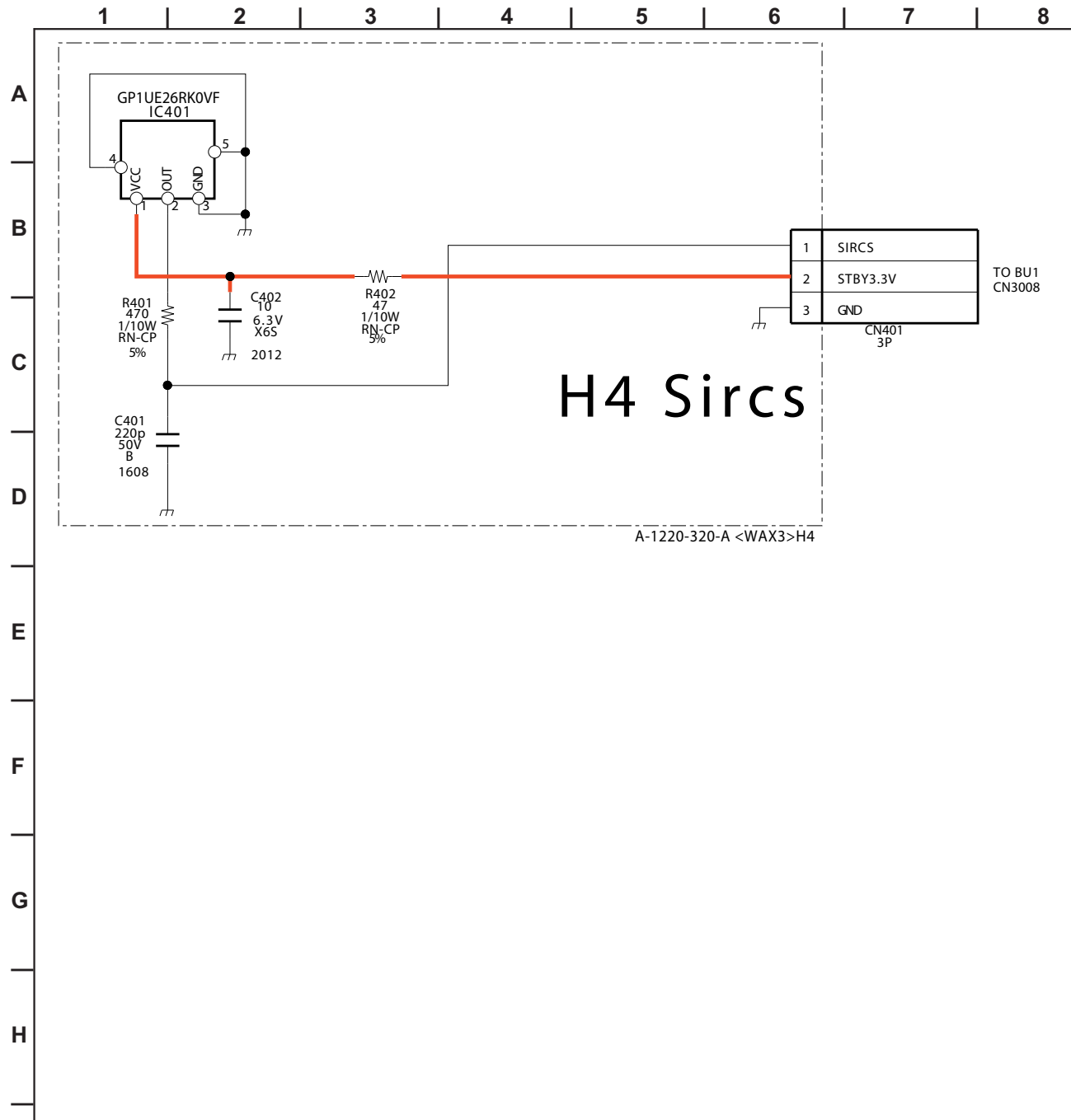
**H3** [OPTICAL SENSOR, LED]  
**COMPONENT SIDE**



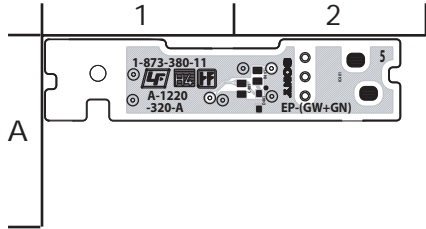
**H3** [OPTICAL SENSOR, LED]  
**CONDUCTOR SIDE**



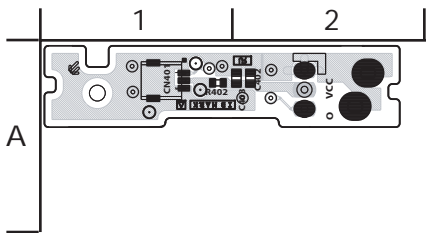
### H4 BOARD SCHEMATIC DIAGRAM



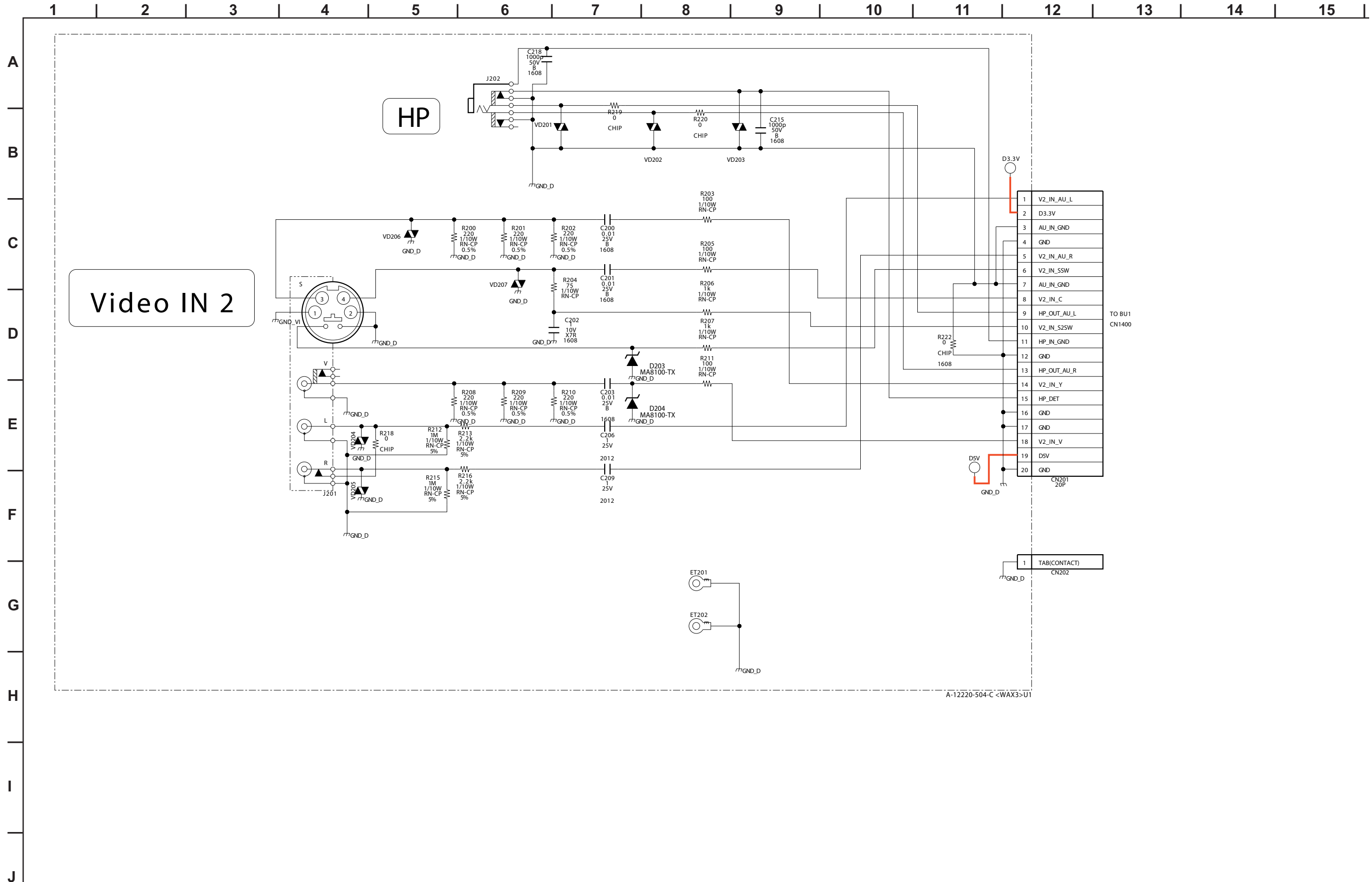
# H4 [SIRCS] COMPONENT SIDE



# H4 [SIRCS] CONDUCTOR SIDE



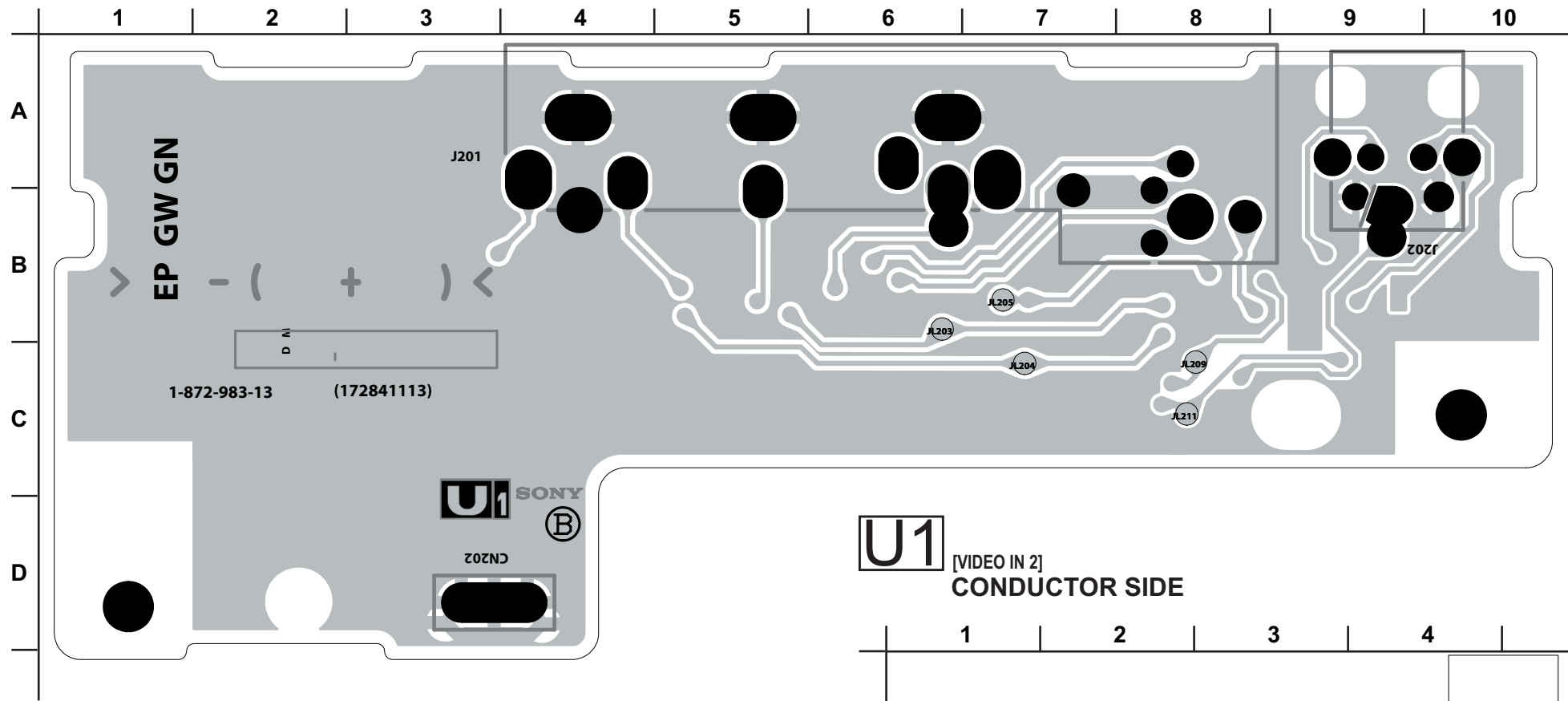
U1 BOARD SCHEMATIC DIAGRAM



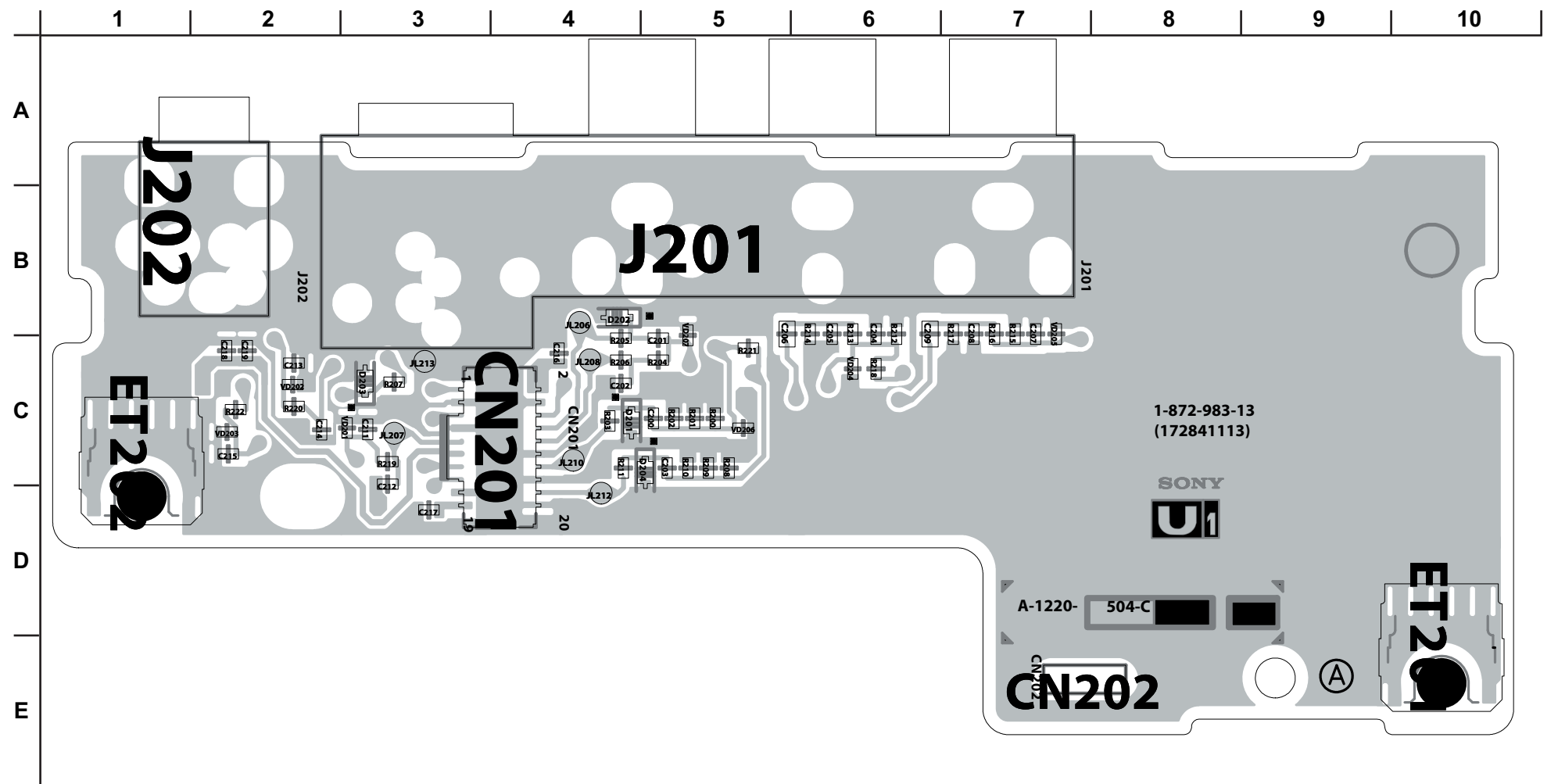
A-12220-504-C <WAX3>U1



**U1** [VIDEO IN 2]  
COMPONENT SIDE



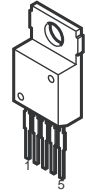
**U1** [VIDEO IN 2]  
CONDUCTOR SIDE



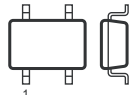
3-5. SEMICONDUCTORS

IC

BA00AST-V5

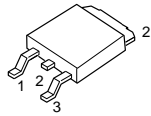


BA05FP-E2  
BA09FP-E2  
S-1111B33MC-NYSTFG  
S-80928CNMC-G8YT2G  
TC7SZ125FU(TE85R)

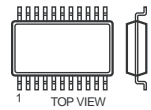


5Pin CHIP

BA18BC0FP-E2  
BA25BC0FP-E2

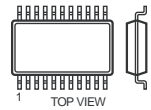


BR24L02F-WE2  
CS4335-KSZR  
FA5501N-TE1  
LM75CIMX-3  
M24128-BWMN6T(A)  
M24C02-WMN6T(B)  
NJM2521V(TE2)  
NJM3414AV(TE2)  
RC4558DR  
RC4558PWR



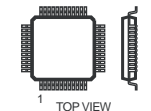
8Pin SOP

CD4052BNSR  
FMS6418AM16X



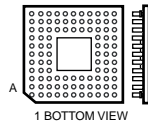
16Pin SOP

CXA2188Q-T4



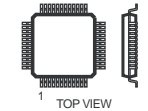
40Pin QFP

EM6A9320BI-5MG



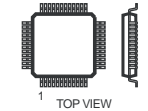
144Pin PGA

HD6433692A39FXV  
HD64F3694FXV-DA4  
TPA3004D2PHPR



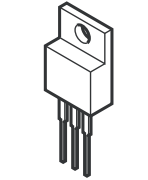
48Pin QFP

HD64F2378-12681-01

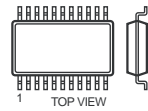


144Pin QFP

L88M05T-FA-TL

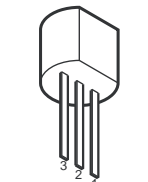


M52347FP-TE

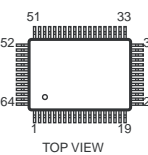


20Pin SOP

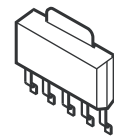
MM1431ATT



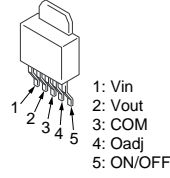
NJW1149AFH1



PQ1CY1032ZP

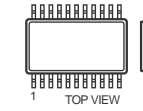


PQ1CZ41H2ZPH

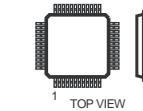


1: Vin  
2: Vout  
3: COM  
4: Oadj  
5: ON/OFF

RV5C387A-E2-FB

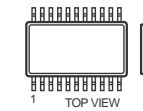


SH9993CTG100



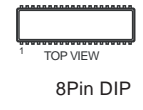
100Pin QFP

SN74LV132APWR  
SN74LVC14APWR



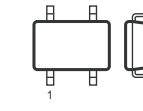
14Pin SOP

STR-A6169



8Pin DIP

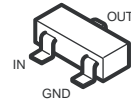
TK11819MTL



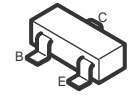
6Pin CHIP

TRANSISTOR

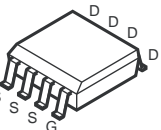
DTC114EU  
DTC114EUAFT106



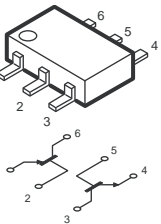
DTC114EUA-T106  
DTC115EUA-T106  
DTC144WKA-T146  
DTC314TK-T-146  
DTC323TK  
DTC323TKT146  
MUN2211T1  
MUN2212T1  
MUN5213T1  
PDTC114EK-115  
UN2211  
2PA1576R-115  
2PC4081R-115  
2PD601AR-115  
2SA1037AK-T146-QR  
2SA1037AK-T146-R  
2SA1576A-T106-QR  
2SA1774R  
2SA1774TL-QR  
2SC1623-L5L6  
2SC2412K-T-146-QR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



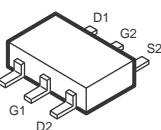
FDS6690A



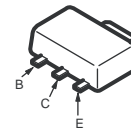
HN1B01FU-TE85R



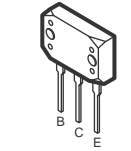
SSM6N15FU(TE85R)



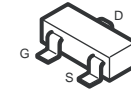
2SB1122-S  
2SB1122-ST-TD-E  
2SD1621-ST  
2SD1621ST-TD-E



2SD2114KT146

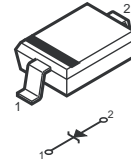


2SK2158-T2B

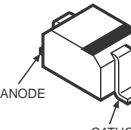


DIODE

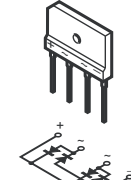
BAS316-115  
EP05FA20  
MM3Z10VT1  
MM3Z11VT1  
MM3Z13VT1  
MM3Z18VST1  
MM3Z22VT1  
MM3Z2V4T1  
MM3Z5V6ST1  
MM3Z6V2ST1  
MM3Z6V8ST1  
MM3Z8V2ST1



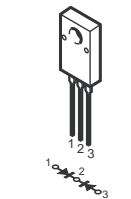
BAT54HT1  
DTZ10B  
HZU5.6GTRF  
MA113-(TX)  
MMDL914T1  
RD5.6SB-T1  
UDZ-TE-17-18B  
UDZ-TE-17-6.2B  
UDZ-TE-17-6.8B



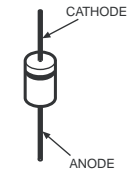
D10SBS4  
D10SBS4F  
D2SB60A-F04  
D4SB60L



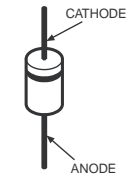
D10SC6M



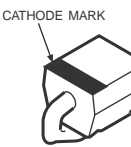
D1NL40-TA2  
D1NL40-TR2  
ERA22-08



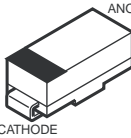
D1NS6  
D1NS6-TR  
ERA22-06AVRBT  
UF4005PKG23  
10ERB20-TB3  
1N5404TU



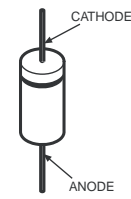
EC10QS-04  
EC10QS04-TE12L5



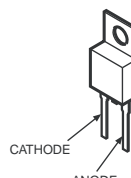
EC21QS03L-TE12L  
P6SMBJ30A-5  
PTZ-TE25-3.9B



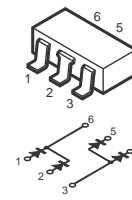
ERA22-08KFLB



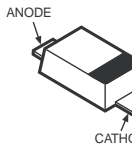
FSF05A60



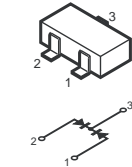
HN1D03FU-TE85L  
HN1D03FU-TE85R



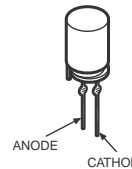
M1FM3



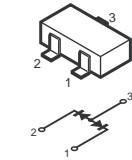
MA132WK  
MA132WK-TX  
MA151WK-TX  
1SS184



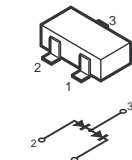
UDZSTE-1710B



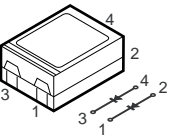
UMZ16NT106



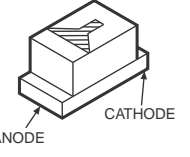
1PS302



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.

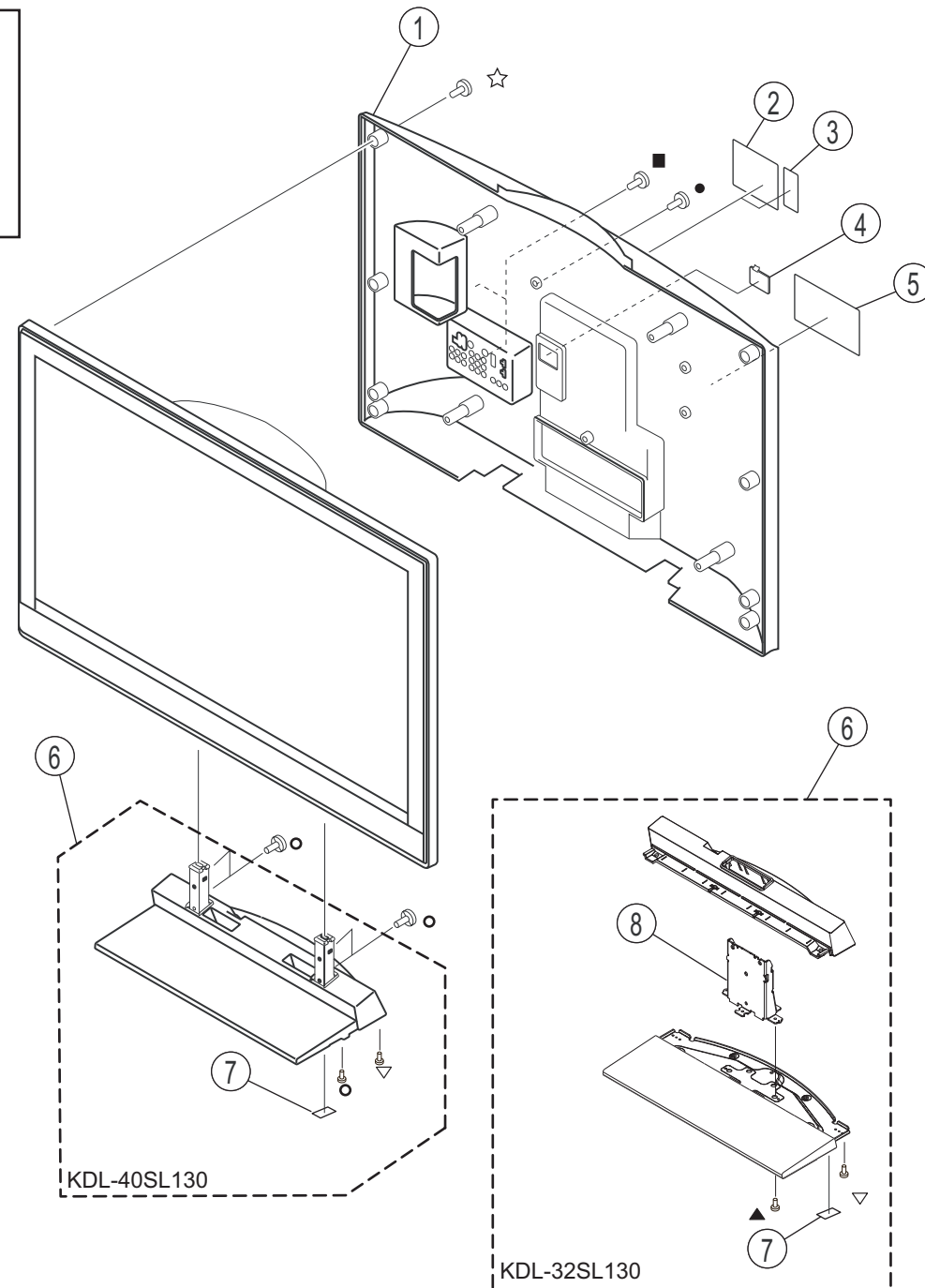
NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

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 COVER 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
●	2-580-608-01	SCREW, +PSW M5X16
○	2-580-607-01	SCREW, +PSW M5X12 (KDL-40SL130 ONLY)
▲	2-580-606-01	SCREW, +PSW M5X8
▽	2-580-644-01	SCREW, +KTP2 3X8



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
1	3-097-972-01	COVER, REAR (32) (KDL-32SL130 ONLY)		6	A-1273-109-A	STAND (M_WS)ASSEMBLY (KDL-32SL130 ONLY)	[7-8]
1	X-2179-398-1	COVER ASSEMBLY, REAR (40) (KDL-40SL130 ONLY)		6	A-1273-114-A	STAND (ML_WS)ASSEMBLY (KDL-40SL130 ONLY)	[7]
2	3-215-160-01	LABEL, REAR TERMINAL		7	3-213-762-01	FOOT (15X30)	
3	3-217-797-01	LABEL, HDMI		8	3-106-486-01	NECK (M) (KDL-32SL130 ONLY)	
4	3-196-465-01	COVER, ECS					
*	5	3-216-618-01	LABEL, INFORMATION (KDL-32SL130 ONLY)				
*	5	3-212-634-01	LABEL, INFORMATION (KDL-40SL130 ONLY)				

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

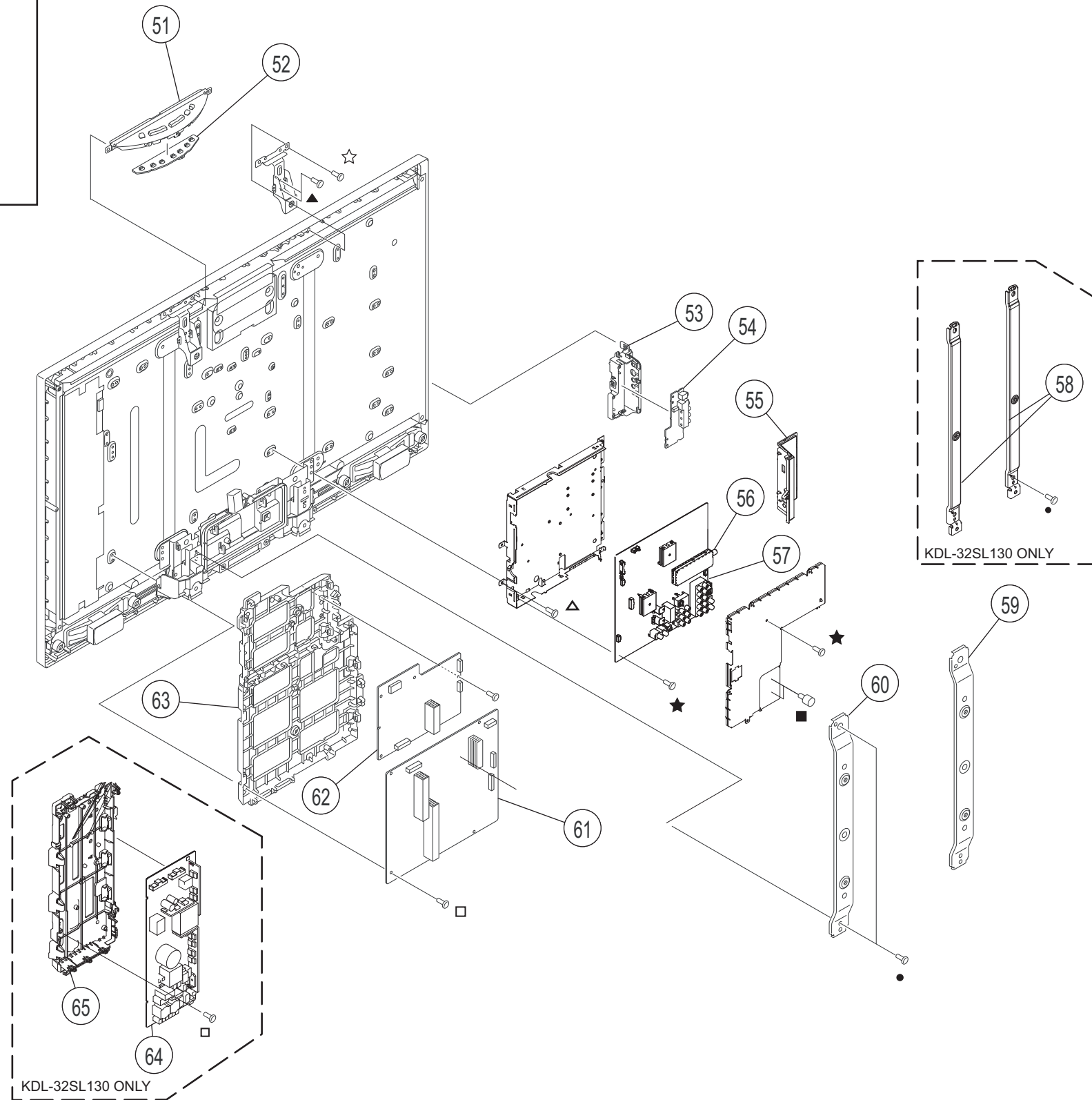
NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.



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.)


☆	2-580-640-01	SCREW, +BVTP2 4X16
★	2-580-629-01	SCREW, +BVST 3X8
△	2-580-591-01	SCREW, +PSW M3X5
●	2-580-608-01	SCREW, +PSW M5X16
□	2-674-965-31	SCREW, +PSW 3SG (KDL-32SL130 ONLY)
□	2-674-965-41	SCREW, +PSW 3SG (KDL-40SL130 ONLY)
▽	4-635-966-01	SCREW (HEX)



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
51	X-2176-664-1	BUTTON, MULTI ASSEMBLY	
52	A-1220-318-A	H1 BOARD, MOUNTED	
53	3-098-453-02	SIDE, TERMINAL(AU)	
54	A-1220-504-C	U1 BOARD, MOUNTED	
55	3-106-473-01	HOLDER, SIDE JACK(M)	
56	8-597-611-00	TUNER, FSS BTF-CA411Z	
	A-1257-244-A	BU1 BOARD, MOUNTED (SVC) (KDL-32SL130 ONLY)	
	A-1257-243-A	BU1 BOARD, MOUNTED (SVC) (KDL-40SL130 ONLY)	
58	X-2177-549-1	VESA ARM(32) ASSEMBLY (KDL-32SL130 ONLY)	
*	X-2177-550-1	VESA ARM(40) L ASSEMBLY (KDL-40SL130 ONLY)	
*	X-2177-551-1	VESA ARM(40) R ASSEMBLY (KDL-40SL130 ONLY)	
61	A-1314-501-A	G3 BOARD, COMPLETE (POWER UNIT) (KDL-40SL130 ONLY)	
62	A-1236-528-A	D1 BOARD, COMPLETE (KDL-40SL130 ONLY)	
(When replacing the D1 Board for this model, refer to the instructions for "Replacing the Inverter Connector Assembly" in the Disassembly section of this manual.)			
63	X-2178-425-1	BRACKET ASSEMBLY, G3 (KDL-40SL130 ONLY)	
64	1-474-052-12	G1 BOARD, COMPLETE (POWER UNIT) (KDL-32SL130 ONLY)	
This board is manufactured by a 3rd party. Component level repair information is not available.			
*	3-106-471-11	BRACKET, G1 (KDL-32SL130 ONLY)	

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

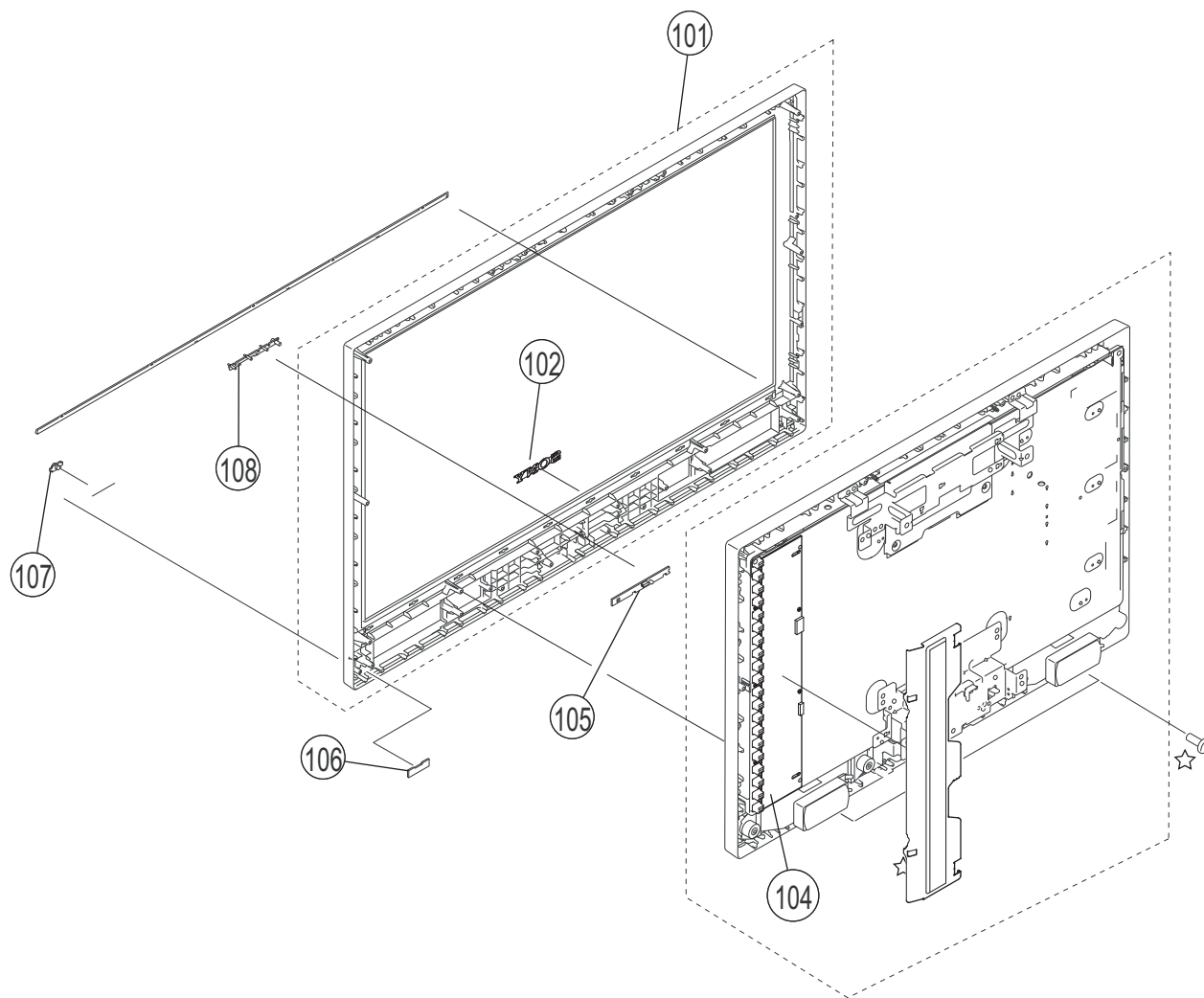
NOTE: Les composants identifiés par un triangle et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.


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. BEZEL ASSEMBLY AND 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]
101	X-2178-579-1	BEZEL (32SU) ASSEMBLY (KDL-32SL130 ONLY)	[102]	 104	1-789-785-11	ETC-INVERTER MT BOARD (KDL-32SL130 ONLY)	
101	X-2178-580-1	BEZEL (40SU) ASSEMBLY (KDL-40SL130 ONLY)	[102]	104	1-789-771-11	ETC-INVERTER MT BOARD (KDL-40SL130 ONLY)	
102	4-103-642-21	EMBLEM, SONY NO.8 (KDL-32SL130 ONLY)		(When replacing the Inverter board for this model, refer to the instructions for "Replacing the Inverter Connector Assembly" in the Disassembly section of this manual.)			
103	1-802-380-12	LCD PANEL (32INCH WXGA TFT) (KDL-32SL130 ONLY)	[104]	105	A-1220-319-A	H3 BOARD, MOUNTED	
103	1-802-410-11	LCD PANEL (40INCH WXGA TFT) (KDL-40SL130 ONLY)	[104]	106	A-1220-320-A	H4 BOARD, MOUNTED	
				107	3-097-341-11	GUIDE, LIGHT (S) L	
				108	3-096-948-01	GUIDE, LED (S)	

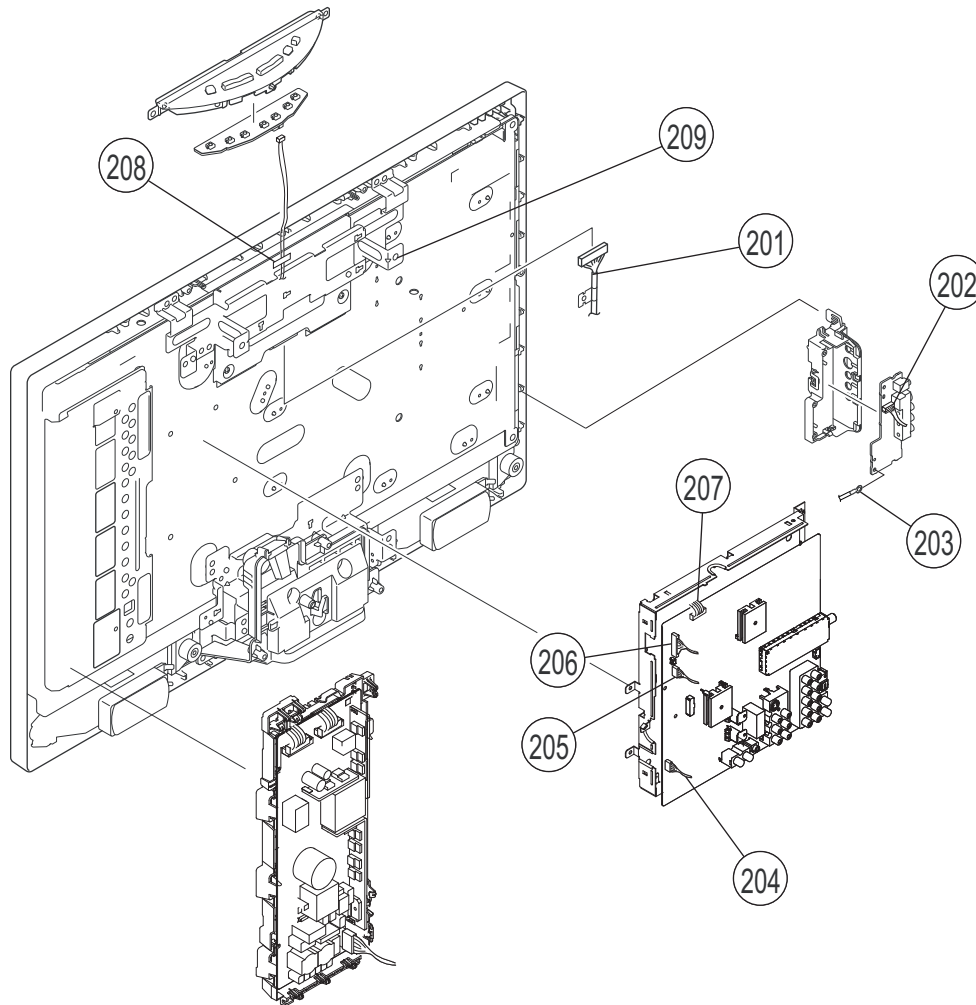
NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un triangle 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.


### 4-5. CONNECTORS (KDL-32SL130 ONLY)


(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]
201	1-834-157-11	HARNESS WITH CONNECTOR (LVDS)		206	1-910-035-50	CONN ASSEMBLY, 13P	
202	1-910-035-48	CONN ASSEMBLY, 20P		207	1-910-035-49	CONN ASSEMBLY, 14P	
203	1-910-035-53	WIRE ASSEMBLY, FASTON TERMINAL		208	2-688-062-01	TAPE (LCD)	
204	1-910-035-51	CONN ASSEMBLY, 4P SP		209	X-2178-464-1	LCD BRACKET TOP (32) ASSEMBLY	
205	1-910-035-52	CONN ASSEMBLY, 20P					

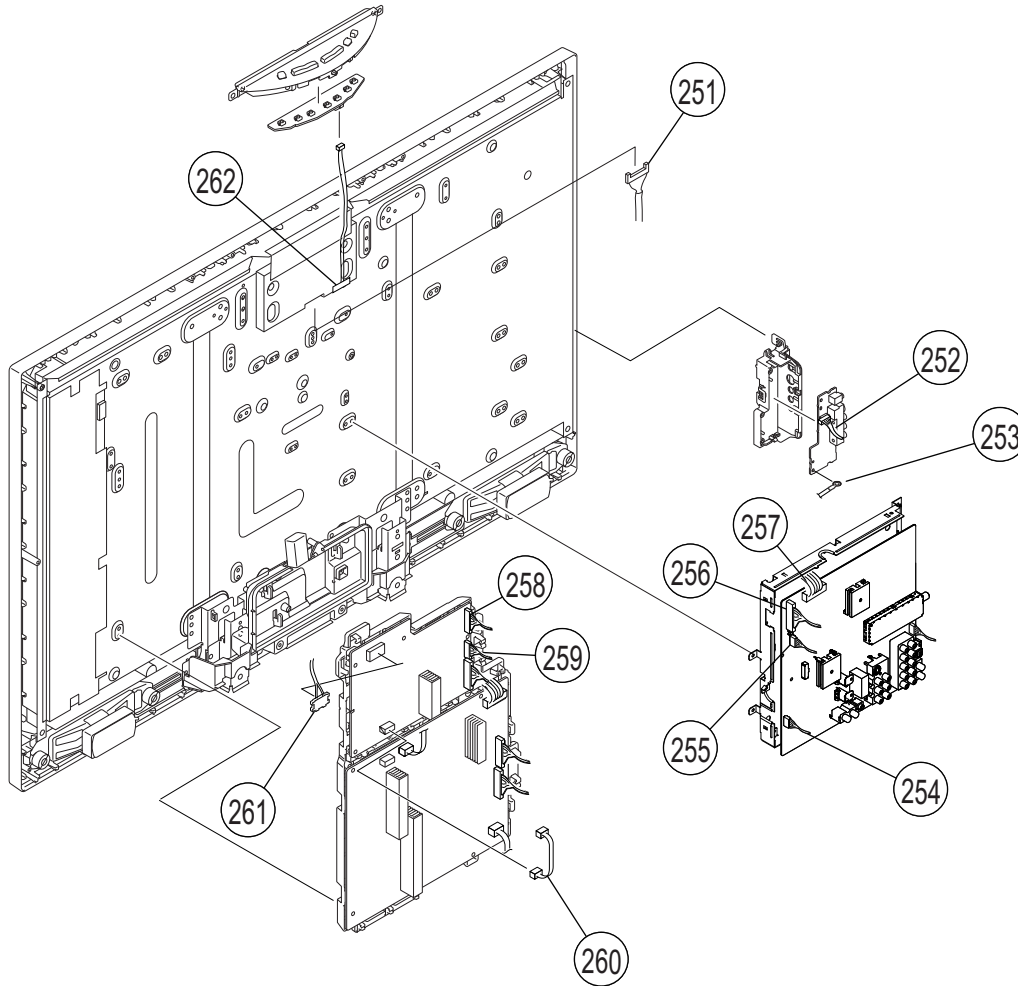
NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

NOTE: Les composants identifiés par un triangle 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.


### 4-6. CONNECTORS (KDL-40SL130 ONLY)


(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]
251	1-834-158-11	HARNESS WITH CONNECTOR (LVDS)		260	1-833-957-11	CONNECTOR ASSEMBLY	
252	1-910-035-54	CONN ASSEMBLY, 20P		261	1-833-927-12	CONNECTOR ASSEMBLY	
253	1-910-036-31	WIRE ASSEMBLY, FASTON TERMINAL		(When replacing the Connector Assembly for this model, refer to the instructions for "Replacing the Inverter Connector Assembly" in the Disassembly section of this manual.)			
254	1-910-035-55	CONN ASSEMBLY, 4P SP		262	2-688-062-01	TAPE (LCD)	
255	1-910-035-62	CONN ASSEMBLY, 20P					
256	1-910-035-56	CONN ASSEMBLY, 12P					
257	1-910-035-57	CONN ASSEMBLY, 11P					
258	1-910-035-58	CONN ASSEMBLY, 8P XA					
259	1-910-035-59	CONN ASSEMBLY, 7P XA					

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

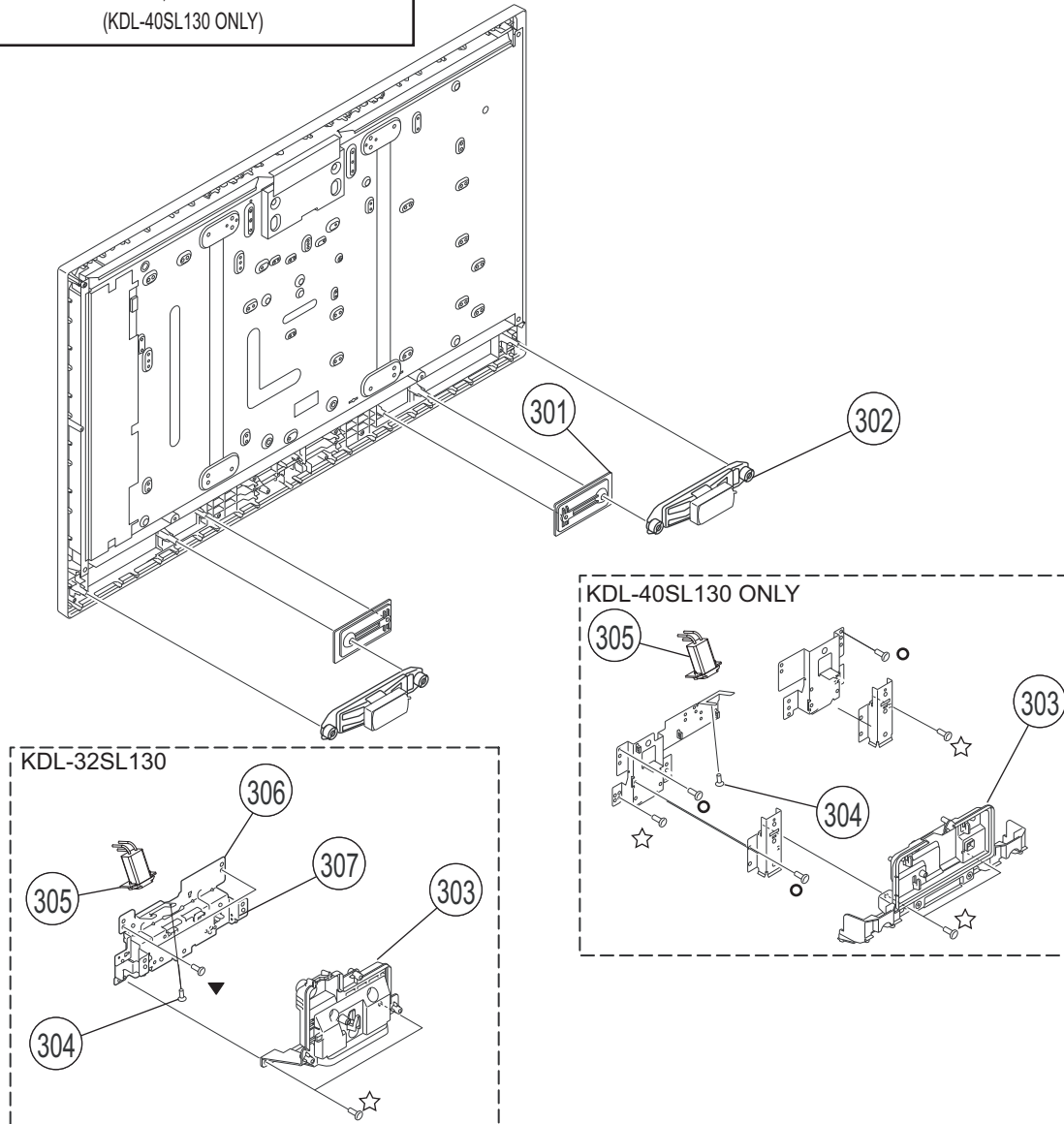
NOTE: Les composants identifiés par un triangle  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.


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.

## 4-7. SPEAKERS

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

- ☆ 2-580-640-01 SCREW, +BVTP2 4X16
- ▼ 2-580-600-01 SCREW, +PSW M4X8
- 2-580-607-01 SCREW, +PSW M5X12  
(KDL-40SL130 ONLY)



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
301	X-2176-950-1	BAFFLE (40J) ASSEMBLY (KDL-40SL130 ONLY)		303	X-2179-456-1	COVER ASSEMBLY, UNDER (L) (KDL-40SL130 ONLY)	
302	1-826-648-11	LOUD SPEAKER (4.2X15CM) (KDL-32SL130 ONLY)		 304	1-819-729-14	INLET, AC (WITH NOISE FILTER)	
302	1-826-647-11	LOUD SPEAKER (5.5X15.5CM) (KDL-40SL130 ONLY)		*	306	X-2177-438-2	LCD BKT BTM (26/32) ASSEMBLY (KDL-32SL130 ONLY)
303	3-100-284-01	COVER, UNDER (M) (KDL-32SL130 ONLY)		307	2-688-062-01	LCD BRACKET BOTTOM (26/32) ASSEMBLY (KDL-32SL130 ONLY)	



# SECTION 5: ELECTRICAL PARTS LIST

**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.

\* 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  $\triangle$  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.

# BU1

**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
<b>BU1</b>					C1723	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V
<b>BU1</b>					C1724	1-100-912-11	CERAMIC CHIP	1 $\mu$ F 10% 25V
$\triangle$	A-1257-244-A	BU1 BOARD, MOUNTED (SVC) (KDL-32SL130 ONLY)			C1725	1-100-912-11	CERAMIC CHIP	1 $\mu$ F 10% 25V
$\triangle$	A-1257-243-A	BU1 BOARD, MOUNTED (SVC) (KDL-40SL130 ONLY)			C2013	1-126-392-11	ELECT CHIP	100 $\mu$ F 20% 6.3V
<b>CONTACT TERMINAL</b>					C2014	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V
A4500	4-098-157-01	HEAT SINK (DTT)			C2016	1-112-046-11	CERAMIC CHIP	4.7 $\mu$ F 10% 6.3V
A4501	1-694-974-21	CONTACT TERMINAL			C2017	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V
A4502	1-694-974-21	CONTACT TERMINAL			C2019	1-100-911-11	CERAMIC CHIP	4.7 $\mu$ F 10% 25V
A7300	4-098-157-01	HEAT SINK (DTT)			C2022	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V
A7301	1-694-974-21	CONTACT TERMINAL			C2025	1-112-046-11	CERAMIC CHIP	4.7 $\mu$ F 10% 6.3V
A7302	1-694-974-21	CONTACT TERMINAL			C2027	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V
<b>CAPACITOR</b>					C2029	1-164-849-11	CERAMIC CHIP	9pF 0.50pF 50V
C1000	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F 10% 25V		C2030	1-164-849-11	CERAMIC CHIP	9pF 0.50pF 50V
C1001	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F 10% 25V		C2033	1-114-325-11	CERAMIC CHIP	0.1 $\mu$ F 10% 25V
C1002	1-112-781-11	CERAMIC CHIP	1 $\mu$ F 10% 10V		C2039	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V
C1003	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F 10% 25V		C2041	1-100-911-11	CERAMIC CHIP	4.7 $\mu$ F 10% 25V
C1005	1-100-912-11	CERAMIC CHIP	1 $\mu$ F 10% 25V		C2042	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V
C1007	1-100-912-11	CERAMIC CHIP	1 $\mu$ F 10% 25V		C2045	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V
C1008	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F 10% 25V		C2051	1-112-046-11	CERAMIC CHIP	4.7 $\mu$ F 10% 6.3V
C1010	1-100-912-11	CERAMIC CHIP	1 $\mu$ F 10% 25V		C2052	1-162-959-11	CERAMIC CHIP	330pF 5% 50V
C1012	1-100-912-11	CERAMIC CHIP	1 $\mu$ F 10% 25V		C2053	1-162-959-11	CERAMIC CHIP	330pF 5% 50V
C1100	1-100-912-11	CERAMIC CHIP	1 $\mu$ F 10% 25V		C2054	1-100-911-11	CERAMIC CHIP	4.7 $\mu$ F 10% 25V
C1102	1-100-912-11	CERAMIC CHIP	1 $\mu$ F 10% 25V		C2055	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V
C1130	1-100-912-11	CERAMIC CHIP	1 $\mu$ F 10% 25V		C2058	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V
C1132	1-100-912-11	CERAMIC CHIP	1 $\mu$ F 10% 25V		C2059	1-100-911-11	CERAMIC CHIP	4.7 $\mu$ F 10% 25V
C1403	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V		C2060	1-126-392-11	ELECT CHIP	100 $\mu$ F 20% 6.3V
C1405	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V		C2061	1-114-325-11	CERAMIC CHIP	0.1 $\mu$ F 10% 25V
C1714	1-100-912-11	CERAMIC CHIP	1 $\mu$ F 10% 25V		C2062	1-114-325-11	CERAMIC CHIP	0.1 $\mu$ F 10% 25V
C1715	1-100-912-11	CERAMIC CHIP	1 $\mu$ F 10% 25V		C2063	1-114-325-11	CERAMIC CHIP	0.1 $\mu$ F 10% 25V
C1722	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V		C2064	1-112-781-11	CERAMIC CHIP	1 $\mu$ F 10% 10V
					C2065	1-112-781-11	CERAMIC CHIP	1 $\mu$ F 10% 10V
					C2067	1-100-911-11	CERAMIC CHIP	4.7 $\mu$ F 10% 25V
					C2068	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V
					C2069	1-112-064-11	CERAMIC CHIP	2.2 $\mu$ F 10% 10V

BU1
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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C2070	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V	C2132	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V
C2073	1-114-330-11	CERAMIC CHIP	2.2μF	10%	16V	C2133	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V
C2074	1-100-764-21	ELECT CHIP	4.7μF	20%	25V	C2134	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
C2075	1-100-764-21	ELECT CHIP	4.7μF	20%	25V	C2135	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
C2077	1-126-396-11	ELECT CHIP	47μF	20%	16V	C2136	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V
C2078	1-114-330-11	CERAMIC CHIP	2.2μF	10%	16V	C2137	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V
C2081	1-162-959-11	CERAMIC CHIP	330pF	5%	50V	C2138	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V
C2084	1-162-959-11	CERAMIC CHIP	330pF	5%	50V	C2139	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V
C2085	1-126-396-11	ELECT CHIP	47μF	20%	16V	C2140	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
C2086	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2141	1-114-330-11	CERAMIC CHIP	2.2μF	10%	16V
C2090	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C2142	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C2091	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V	C2143	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
C2092	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V	C2144	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C2094	1-162-927-11	CERAMIC CHIP	100pF	5%	50V	C2145	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C2095	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C2146	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C2096	1-162-927-11	CERAMIC CHIP	100pF	5%	50V	C2149	1-126-396-11	ELECT CHIP	47μF	20%	16V
C2097	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C2150	1-126-396-11	ELECT CHIP	47μF	20%	16V
C2101	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2156	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C2102	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2157	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C2103	1-100-764-21	ELECT CHIP	4.7μF	20%	25V	C2158	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C2104	1-100-764-21	ELECT CHIP	4.7μF	20%	25V	C2159	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2105	1-100-764-21	ELECT CHIP	4.7μF	20%	25V	C2160	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2106	1-100-764-21	ELECT CHIP	4.7μF	20%	25V	C2161	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2111	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C2162	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
C2112	1-100-764-21	ELECT CHIP	4.7μF	20%	25V	C2163	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
C2113	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C2164	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
C2114	1-100-764-21	ELECT CHIP	4.7μF	20%	25V	C2165	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
C2115	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V	C2168	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C2116	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V	C2169	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V
C2117	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2170	1-162-979-11	CERAMIC CHIP	0.0027μF	10%	50V
C2118	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2171	1-162-979-11	CERAMIC CHIP	0.0027μF	10%	50V
C2119	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V	C2177	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C2120	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V	C2178	1-100-764-21	ELECT CHIP	4.7μF	20%	25V
C2121	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2179	1-100-764-21	ELECT CHIP	4.7μF	20%	25V
C2123	1-112-797-11	ELECT CHIP	470μF	20%	25V	C2180	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C2124	1-112-800-11	ELECT CHIP	100μF	20%	35V	C2187	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
C2125	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C2188	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
C2126	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C2190	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V
C2127	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C2191	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V
C2128	1-112-800-11	ELECT CHIP	100μF	20%	35V	C2192	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C2129	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C3005	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C2130	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C3006	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C2131	1-126-396-11	ELECT CHIP	47μF	20%	16V	C3007	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
						C3010	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
						C3011	1-117-681-11	ELECT CHIP	100μF	20%	16V

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C3012	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4041	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C3014	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C4042	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C3015	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4043	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C3016	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C4044	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C3017	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4045	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C3019	1-162-912-11	CERAMIC CHIP	7pF	0.50pF	50V	C4046	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C3022	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C4053	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V
C3024	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C4059	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3029	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4500	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3033	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4502	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3036	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	C4503	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3044	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	C4505	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3046	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4506	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3048	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V	C4507	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3049	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4513	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3051	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C4514	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3052	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V	C4515	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3053	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C4516	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3057	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V	C4517	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3060	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4518	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3061	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4519	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3062	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C4520	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3063	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V	C4521	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3066	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V	C4524	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C3070	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C4525	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3071	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C4527	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C3072	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4528	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C3074	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V	C4530	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3076	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	C4531	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3079	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V	C4701	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3080	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4702	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3081	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C4704	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C3082	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C4705	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3083	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V	C4708	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3084	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4712	1-162-979-11	CERAMIC CHIP	0.0027μF	10%	50V
C3087	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V	C4713	1-162-979-11	CERAMIC CHIP	0.0027μF	10%	50V
C3110	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4716	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3112	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4717	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3900	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C4718	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4001	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4720	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4029	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C4721	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4030	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C4722	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4033	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4723	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4034	1-112-046-11	CERAMIC CHIP	4.7μF	10%	6.3V	C4724	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4035	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4725	1-164-882-11	CERAMIC CHIP	220pF	5%	16V

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C4726	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4917	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4730	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4918	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4731	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4919	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4732	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5002	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4734	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C5005	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4736	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C5006	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4739	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5008	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
C4740	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C5009	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4741	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C5502	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4746	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C5505	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4750	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C5509	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4752	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5510	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4757	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5511	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4758	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5512	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4759	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5513	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4760	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5514	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4762	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5517	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4765	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C5518	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4769	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C5519	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4773	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C5520	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4774	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C5521	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4778	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5522	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4779	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	C5523	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4780	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5524	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C4781	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5525	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4803	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	C5526	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4805	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C5527	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4806	1-126-396-11	ELECT CHIP	47μF	20%	16V	C5528	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4808	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V	C5529	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4813	1-128-396-11	ELECT CHIP	470μF	20%	10V	C5530	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C4814	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5531	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4902	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5533	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4903	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5620	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C4904	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C7000	1-114-334-11	CERAMIC CHIP	10μF	10%	25V
C4906	1-126-392-11	ELECT CHIP	100μF	20%	6.3V	C7001	1-114-334-11	CERAMIC CHIP	10μF	10%	25V
C4907	1-112-776-11	CERAMIC CHIP	0.0047μF	10%	50V	C7002	1-117-681-11	ELECT CHIP	100μF	20%	16V
C4908	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C7003	1-127-573-11	CERAMIC CHIP	1μF	10%	16V
C4909	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C7004	1-117-681-11	ELECT CHIP	100μF	20%	16V
C4910	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C7005	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C4911	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C7006	1-110-648-11	ELECT CHIP	220μF	20%	25V
C4912	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7007	1-114-334-11	CERAMIC CHIP	10μF	10%	25V
C4913	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7008	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V
C4914	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C7009	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C4915	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C7010	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V
C4916	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C7011	1-164-939-11	CERAMIC CHIP	0.0022μF	10%	50V

BU1
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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7012	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7059	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C7013	1-114-214-81	CERAMIC CHIP	470pF	5%	50V	C7060	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C7015	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C7061	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C7016	1-127-573-11	CERAMIC CHIP	1μF	10%	16V	C7062	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C7017	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C7063	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C7019	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C7064	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C7020	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C7065	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C7021	1-126-210-21	ELECT CHIP	220μF	20%	4V	C7066	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C7022	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V	C7067	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C7023	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7068	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C7024	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C7073	1-114-334-11	CERAMIC CHIP	10μF	10%	25V
C7025	1-165-887-91	CERAMIC CHIP	0.22μF	10%	6.3V	C7074	1-114-334-11	CERAMIC CHIP	10μF	10%	25V
C7026	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C7075	1-114-334-11	CERAMIC CHIP	10μF	10%	25V
C7027	1-164-862-11	CERAMIC CHIP	33pF	5%	50V	C7076	1-114-334-11	CERAMIC CHIP	10μF	10%	25V
C7028	1-164-862-11	CERAMIC CHIP	33pF	5%	50V	C7077	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C7029	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V	C7078	1-165-875-11	CERAMIC CHIP	10μF	10%	10V
C7030	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V	C7079	1-165-875-11	CERAMIC CHIP	10μF	10%	10V
C7031	1-164-862-11	CERAMIC CHIP	33pF	5%	50V	C7080	1-100-055-11	CERAMIC CHIP	22μF	20%	16V
C7032	1-164-862-11	CERAMIC CHIP	33pF	5%	50V	C7081	1-100-055-11	CERAMIC CHIP	22μF	20%	16V
C7033	1-127-988-81	CERAMIC CHIP	0.015μF	10%	16V	C7086	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7034	1-164-858-11	CERAMIC CHIP	22pF	5%	50V	C7087	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7035	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7088	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7036	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V	C7089	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7037	1-165-887-91	CERAMIC CHIP	0.22μF	10%	6.3V	C7090	1-126-210-21	ELECT CHIP	220μF	20%	4V
C7038	1-127-988-81	CERAMIC CHIP	0.015μF	10%	16V	C7092	1-126-210-21	ELECT CHIP	220μF	20%	4V
C7039	1-127-988-81	CERAMIC CHIP	0.015μF	10%	16V	C7093	1-126-210-21	ELECT CHIP	220μF	20%	4V
C7040	1-164-858-11	CERAMIC CHIP	22pF	5%	50V	C7096	1-126-210-21	ELECT CHIP	220μF	20%	4V
C7041	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7097	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C7042	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V	C7098	1-126-210-21	ELECT CHIP	220μF	20%	4V
C7043	1-165-887-91	CERAMIC CHIP	0.22μF	10%	6.3V	C7100	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7044	1-127-988-81	CERAMIC CHIP	0.015μF	10%	16V	C7101	1-100-507-91	CERAMIC CHIP	4.7μF	20%	6.3V
C7045	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V	C7102	1-100-507-91	CERAMIC CHIP	4.7μF	20%	6.3V
C7046	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V	C7103	1-100-507-91	CERAMIC CHIP	4.7μF	20%	6.3V
C7047	1-164-882-11	CERAMIC CHIP	220pF	5%	16V	C7111	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C7048	1-164-882-11	CERAMIC CHIP	220pF	5%	16V	C7146	1-100-055-11	CERAMIC CHIP	22μF	20%	16V
C7049	1-164-882-11	CERAMIC CHIP	220pF	5%	16V	C7147	1-117-681-11	ELECT CHIP	100μF	20%	16V
C7050	1-164-882-11	CERAMIC CHIP	220pF	5%	16V	C7148	1-162-959-11	CERAMIC CHIP	330pF	5%	50V
C7051	1-114-334-11	CERAMIC CHIP	10μF	10%	25V	C7150	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C7052	1-114-334-11	CERAMIC CHIP	10μF	10%	25V	C7200	1-100-583-21	ELECT CHIP	470μF	20%	4V
C7053	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	C7201	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7054	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	C7202	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7055	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	C7203	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7056	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C7204	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7057	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C7205	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7058	1-165-908-11	CERAMIC CHIP	1μF	10%	10V	C7206	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V

BU1
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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7207	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7252	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7208	1-126-210-21	ELECT CHIP	220μF	20%	4V	C7253	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7209	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7254	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7210	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7255	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7211	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7256	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7212	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7257	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7213	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7258	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7214	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7259	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7215	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7260	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7216	1-100-583-21	ELECT CHIP	470μF	20%	4V	C7261	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7217	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7262	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7218	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7263	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7219	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7264	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7220	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7265	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7221	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7266	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7222	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7267	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7223	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7269	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7224	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C7270	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7225	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C7271	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7226	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C7272	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7227	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7273	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V
C7228	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7274	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7229	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C7275	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7230	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C7276	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C7231	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C7277	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V
C7232	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C7278	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V
C7233	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C7279	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C7234	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C7280	1-126-210-21	ELECT CHIP	220μF	20%	4V
C7235	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C7300	1-117-681-11	ELECT CHIP	100μF	20%	16V
C7236	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C7301	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C7237	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C7302	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C7238	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C7303	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C7239	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C7304	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C7240	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C7305	1-117-681-11	ELECT CHIP	100μF	20%	16V
C7241	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C7306	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C7242	1-100-583-21	ELECT CHIP	470μF	20%	4V	C7400	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7243	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7401	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7244	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7402	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7245	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C7403	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C7246	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7404	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7247	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7405	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7248	1-100-159-91	CERAMIC CHIP	22μF	10%	6.3V	C7406	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7249	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7407	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7250	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7408	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7251	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7409	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V

BU1
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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7410	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7720	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C7411	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C7800	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7412	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C7801	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7413	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C7804	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7417	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7805	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7418	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7807	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7420	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7808	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7422	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C7809	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7424	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C7810	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7425	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C7811	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V
C7430	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C7812	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7431	1-126-210-21	ELECT CHIP	220μF	20%	4V	C7813	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7432	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V	C7814	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7433	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V	C7815	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7501	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7816	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V
C7502	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7817	1-165-989-11	CERAMIC CHIP	10μF	10%	6.3V
C7503	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7818	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C7504	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7819	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C7505	1-117-681-11	ELECT CHIP	100μF	20%	16V	C7820	1-164-864-11	CERAMIC CHIP	39pF	5%	50V
C7506	1-117-681-11	ELECT CHIP	100μF	20%	16V	C7821	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C7507	1-117-681-11	ELECT CHIP	100μF	20%	16V	C7822	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C7509	1-127-573-11	CERAMIC CHIP	1μF	10%	16V	C7823	1-164-868-11	CERAMIC CHIP	56pF	5%	50V
C7510	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7824	1-164-868-11	CERAMIC CHIP	56pF	5%	50V
C7511	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V	C7825	1-164-864-11	CERAMIC CHIP	39pF	5%	50V
C7512	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V	C7828	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7513	1-126-210-21	ELECT CHIP	220μF	20%	4V	C7829	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C7514	1-165-875-11	CERAMIC CHIP	10μF	10%	10V	C7831	1-107-819-11	CERAMIC CHIP	0.022μF	10%	16V
C7515	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7832	1-137-765-21	ELECT CHIP	47μF	20%	16V
C7516	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7833	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C7600	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7834	1-126-396-11	ELECT CHIP	47μF	20%	16V
C7603	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7835	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7604	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7836	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7607	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7837	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V
C7609	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7838	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V
C7610	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7839	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7611	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	C7840	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7612	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	C7841	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C7700	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7842	1-100-581-81	CERAMIC CHIP	0.0047μF	10%	50V
C7701	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7844	1-117-681-11	ELECT CHIP	100μF	20%	16V
C7702	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7845	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C7703	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7846	1-137-765-21	ELECT CHIP	47μF	20%	16V
C7704	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7847	1-164-939-11	CERAMIC CHIP	0.0022μF	10%	50V
C7705	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7848	1-114-183-11	ELECT CHIP	1000μF	20%	6.3V
C7706	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7849	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C7707	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C7850	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V

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# BU1

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7852	1-128-396-11	ELECT CHIP	470 $\mu$ F	20%	10V	D2023	8-719-404-50	DIODE	MA111-TX		
C7853	1-112-777-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V	D3002	8-719-071-87	DIODE	MA785-(TX),SO		
C7854	1-112-777-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V	D3006	8-719-404-50	DIODE	MA111-TX		
C7855	1-165-887-91	CERAMIC CHIP	0.22 $\mu$ F	10%	6.3V	D3007	8-719-077-59	DIODE	1PS302		
C7856	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V	D3020	8-719-422-46	DIODE	MA8056		
C7857	1-100-159-91	CERAMIC CHIP	22 $\mu$ F	10%	6.3V	D3021	8-719-422-46	DIODE	MA8056		
C7858	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	D4012	8-719-017-89	DIODE	MA8150-TX		
C7859	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	D5000	8-719-422-46	DIODE	MA8056		
C7861	1-112-781-11	CERAMIC CHIP	1 $\mu$ F	10%	10V	D5001	8-719-422-46	DIODE	MA8056		
C7862	1-112-046-11	CERAMIC CHIP	4.7 $\mu$ F	10%	6.3V	D5002	8-719-422-46	DIODE	MA8056		
C7863	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	D5003	8-719-050-38	DIODE	M1MA152WK-T1		
C7864	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	D5508	8-719-404-50	DIODE	MA111-TX		
C7867	1-164-862-11	CERAMIC CHIP	33pF	5%	50V	D5516	8-719-404-50	DIODE	MA111-TX		
C7869	1-164-882-11	CERAMIC CHIP	220pF	5%	16V	D5525	8-719-404-50	DIODE	MA111-TX		
C7870	1-165-989-11	CERAMIC CHIP	10 $\mu$ F	10%	6.3V	D5528	8-719-404-50	DIODE	MA111-TX		
C7871	1-165-989-11	CERAMIC CHIP	10 $\mu$ F	10%	6.3V	D5620	6-500-813-01	DIODE	MA2SD32008S0		
C7878	1-128-396-11	ELECT CHIP	470 $\mu$ F	20%	10V	D7001	8-719-404-50	DIODE	MA111-TX		
C7879	1-100-906-11	CERAMIC CHIP	0.01 $\mu$ F	10%	16V	D7003	8-719-423-10	DIODE	MA8100-M-TX		
C7880	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V	D7004	8-719-977-12	DIODE	DTZ6.8B		
C7950	1-112-777-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V	D7008	8-719-421-24	DIODE	MA8039-H		
C7951	1-112-777-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V	D7009	8-719-404-50	DIODE	MA111-TX		
C7952	1-112-781-11	CERAMIC CHIP	1 $\mu$ F	10%	10V	D7010	8-719-081-34	DIODE	RB160M-30TR		
C7953	1-112-779-11	CERAMIC CHIP	0.047 $\mu$ F	10%	25V	D7013	8-719-081-34	DIODE	RB160M-30TR		
<b>CONNECTOR</b>						D7020	6-501-336-01	DIODE	RSX201L-30TE25		
* CN1400	1-819-928-11	HEADER ASSEMBLY	20P			D7022	8-719-422-46	DIODE	MA8056		
* CN2000	1-819-461-11	HEADER ASSEMBLY FOR PWB				D7500	8-719-073-34	DIODE	EC21QS03L-TE12L		
CN3003	1-779-331-51	CONNECTOR, FFC/FPC	14P			D7700	8-719-053-07	DIODE	SML-310MTT86		
CN3004	1-779-936-51	CONNECTOR, FFC/FPC	18P			D7801	8-719-058-24	DIODE	RB501V-40TE-17		
* CN3008	1-819-928-11	HEADER ASSEMBLY	20P			<b>EARTH TERMINAL</b>					
* CN4001	1-820-550-11	HEADER ASSEMBLY FOR PWB				ET2000	1-780-521-11	CAPACITOR PROTECTOR			
* CN4003	1-819-333-11	HEADER ASSEMBLY FOR PWB				ET4001	1-780-482-11	EARTH TERMINAL			
CN7304	1-817-109-11	CONNECTOR, USB (A)				ET4002	1-780-482-11	EARTH TERMINAL			
<b>DIODE</b>						ET4003	1-780-482-11	EARTH TERMINAL			
D1000	8-719-423-03	DIODE	MA8100			ET4004	1-780-482-11	EARTH TERMINAL			
D1001	8-719-423-03	DIODE	MA8100			ET4005	1-780-482-11	EARTH TERMINAL			
D1002	8-719-423-03	DIODE	MA8100			ET4006	1-780-482-11	EARTH TERMINAL			
D1003	8-719-423-03	DIODE	MA8100			ET4007	1-780-482-11	EARTH TERMINAL			
D1006	8-719-423-03	DIODE	MA8100			ET7000	1-780-521-11	CAPACITOR PROTECTOR			
$\triangle$ D2014	8-719-422-97	DIODE	MA8091-M			ET7001	1-780-521-11	CAPACITOR PROTECTOR			
$\triangle$ D2018	8-719-422-46	DIODE	MA8056			<b>FUSE</b>					
$\triangle$ D2019	8-719-422-46	DIODE	MA8056			$\triangle$ F2000	1-576-958-21	FUSE	4A	24V	
$\triangle$ D2020	8-719-422-46	DIODE	MA8056			$\triangle$ F2001	1-576-913-11	FUSE	1.6A	32V	
$\triangle$ D2021	8-719-422-46	DIODE	MA8056			$\triangle$ F2002	1-576-646-11	FUSE	0.5A	50V	



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# BU1

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
$\triangle$ F3001	1-576-646-11	FUSE	0.5A 50V	FB7001	1-400-794-21	FERRITE	0 $\mu$ H
$\triangle$ F4005	1-576-933-21	FUSE	5A 24V	FB7023	1-400-772-21	FERRITE	0 $\mu$ H
$\triangle$ F7000	1-576-603-21	FUSE	3.15A 24V	$\triangle$ FB7200	1-414-229-11	FERRITE	0 $\mu$ H
$\triangle$ F7001	1-576-603-21	FUSE	3.15A 24V	$\triangle$ FB7201	1-414-229-11	FERRITE	0 $\mu$ H
$\triangle$ F7002	1-576-913-11	FUSE	1.6A 32V	FB7203	1-400-110-21	FERRITE	0 $\mu$ H
<b>FERRITE BEAD</b>				FB7204	1-400-110-21	FERRITE	0 $\mu$ H
FB1400	1-400-807-21	FERRITE	0 $\mu$ H	FB7300	1-400-089-21	FERRITE	0 $\mu$ H
FB1401	1-400-807-21	FERRITE	0 $\mu$ H	FB7301	1-400-089-21	FERRITE	0 $\mu$ H
FB2006	1-400-089-21	FERRITE	0 $\mu$ H	FB7400	1-400-110-21	FERRITE	0 $\mu$ H
FB2007	1-400-089-21	FERRITE	0 $\mu$ H	FB7601	1-469-083-21	FERRITE	0 $\mu$ H
FB2008	1-400-089-21	FERRITE	0 $\mu$ H	$\triangle$ FB7602	1-469-083-21	FERRITE	0 $\mu$ H
FB2009	1-400-089-21	FERRITE	0 $\mu$ H	$\triangle$ FB7700	1-414-229-11	FERRITE	0 $\mu$ H
FB2012	1-400-807-21	FERRITE	0 $\mu$ H	$\triangle$ FB7701	1-414-229-11	FERRITE	0 $\mu$ H
FB2015	1-400-212-22	FERRITE	0 $\mu$ H	FB7800	1-414-229-11	FERRITE	0 $\mu$ H
FB2016	1-400-110-21	FERRITE	0 $\mu$ H	FB7801	1-218-990-81	SHORT CHIP	
FB2017	1-400-807-21	FERRITE	0 $\mu$ H	FB7802	1-218-990-81	SHORT CHIP	
FB2018	1-400-807-21	FERRITE	0 $\mu$ H	FB7803	1-469-084-21	FERRITE	0MH
FB2019	1-400-807-21	FERRITE	0 $\mu$ H	$\triangle$ FB7804	1-469-083-21	FERRITE	0 $\mu$ H
FB4001	1-400-089-21	FERRITE	0 $\mu$ H	FB7805	1-469-083-21	FERRITE	0 $\mu$ H
FB4003	1-400-089-21	FERRITE	0 $\mu$ H	FB7806	1-469-083-21	FERRITE	0 $\mu$ H
FB4005	1-414-445-11	FERRITE	0 $\mu$ H	FB7807	1-469-083-21	FERRITE	0 $\mu$ H
FB4006	1-414-445-11	FERRITE	0 $\mu$ H	FB7808	1-400-198-21	FERRITE	0 $\mu$ H
FB4007	1-414-445-11	FERRITE	0 $\mu$ H	FB7809	1-400-198-21	FERRITE	0 $\mu$ H
FB4008	1-400-591-22	FERRITE	0 $\mu$ H	<b>FILTER</b>			
FB4009	1-400-591-22	FERRITE	0 $\mu$ H	FL3001	1-234-177-21	FERRITE	0 $\mu$ H
FB4010	1-400-591-22	FERRITE	0 $\mu$ H	FL4701	1-234-177-21	FERRITE	0 $\mu$ H
FB4011	1-400-591-22	FERRITE	0 $\mu$ H	FL4703	1-234-177-21	FERRITE	0 $\mu$ H
$\triangle$ FB4056	1-414-445-11	FERRITE	0 $\mu$ H	FL4705	1-234-177-21	FERRITE	0 $\mu$ H
FB4501	1-469-669-21	FERRITE	0 $\mu$ H	FL4706	1-234-177-21	FERRITE	0 $\mu$ H
FB4701	1-400-794-21	FERRITE	0 $\mu$ H	FL4707	1-234-177-21	FERRITE	0 $\mu$ H
FB4702	1-400-110-21	FERRITE	0 $\mu$ H	FL4900	1-234-177-21	FERRITE	0 $\mu$ H
FB4703	1-400-110-21	FERRITE	0 $\mu$ H	FL4901	1-234-177-21	FERRITE	0 $\mu$ H
FB4705	1-400-110-21	FERRITE	0 $\mu$ H	FL5501	1-234-177-21	FERRITE	0 $\mu$ H
FB4706	1-400-110-21	FERRITE	0 $\mu$ H	FL5502	1-234-177-21	FERRITE	0 $\mu$ H
FB4744	1-400-772-21	FERRITE	0 $\mu$ H	<b>IC</b>			
FB5000	1-469-100-21	FERRITE	0 $\mu$ H	IC2002	6-710-906-01	IC	CXD9890Q
FB5001	1-469-100-21	FERRITE	0 $\mu$ H	IC2004	8-759-278-58	IC	NJM4558V-TE2
FB5002	1-469-100-21	FERRITE	0 $\mu$ H	IC2005	6-708-762-01	IC	PQ200WNA1ZPH
FB5004	1-469-100-21	FERRITE	0 $\mu$ H	IC2006	8-759-278-58	IC	NJM4558V-TE2
FB5005	1-400-110-21	FERRITE	0 $\mu$ H	IC2008	6-709-927-01	IC	RT8H225C-TP-2
FB5006	1-469-100-21	FERRITE	0 $\mu$ H	$\triangle$ IC2009	6-710-904-01	IC	TPA3100D2PHPR
FB5501	1-469-100-21	FERRITE	0 $\mu$ H	IC2010	8-759-359-49	IC	NJM3414AV(TE2)
FB7000	1-400-794-21	FERRITE	0 $\mu$ H	IC2011	6-709-927-01	IC	RT8H225C-TP-2



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**BU1**

REF. NO.	PART NO.	DESCRIPTION	VALUES		REF. NO.	PART NO.	DESCRIPTION	VALUES
L7008	1-481-080-11	INDUCTOR	22 $\mu$ H		Q2031	8-729-028-96	TRANSISTOR	DTC114EUA-T106
L7201	1-400-180-21	FERRITE	0 $\mu$ H		Q2032	8-729-028-96	TRANSISTOR	DTC114EUA-T106
L7300	1-400-284-21	INDUCTOR	0 $\mu$ H		Q2045	6-551-677-01	TRANSISTOR	RTAN140M-T111-1
L7431	1-400-180-21	FERRITE	0 $\mu$ H		Q2046	6-551-677-01	TRANSISTOR	RTAN140M-T111-1
L7720	1-400-180-21	FERRITE	0 $\mu$ H		Q3002	6-551-420-01	TRANSISTOR	RT1N151M-TP-1
L7800	1-412-973-11	INDUCTOR	0.33 $\mu$ H		Q3003	8-729-028-74	TRANSISTOR	DTA114TUA-T106
L7801	1-412-971-31	INDUCTOR	0.22 $\mu$ H		Q3004	8-729-013-28	TRANSISTOR	HN1B01FU-TE85R
L7802	1-412-971-31	INDUCTOR	0.22 $\mu$ H		Q3005	8-729-028-74	TRANSISTOR	DTA114TUA-T106
L7805	1-412-973-11	INDUCTOR	0.33 $\mu$ H		Q3006	6-550-260-01	TRANSISTOR	RT1N237M-TP-1
L7806	1-412-974-41	INDUCTOR	0.39 $\mu$ H		Q3007	8-729-028-96	TRANSISTOR	DTC114EUA-T106
L7807	1-412-974-41	INDUCTOR	0.39 $\mu$ H		Q3008	6-551-424-01	TRANSISTOR	RT1P151M-TP-1
L7808	1-469-555-21	INDUCTOR	10 $\mu$ H		Q3010	8-729-029-06	TRANSISTOR	DTC124EUA-T106
L7809	1-412-972-31	INDUCTOR	0.27 $\mu$ H		Q4001	8-729-028-97	TRANSISTOR	DTC114TUA-T106
L7810	1-412-972-31	INDUCTOR	0.27 $\mu$ H		Q4002	8-729-028-97	TRANSISTOR	DTC114TUA-T106
L7811	1-469-555-21	INDUCTOR	10 $\mu$ H		Q4011	8-729-907-00	TRANSISTOR	DTC114EU
L7812	1-469-555-21	INDUCTOR	10 $\mu$ H		$\triangle$ Q4012	8-729-054-36	TRANSISTOR	UPA1716G-E2
L7813	1-469-555-21	INDUCTOR	10 $\mu$ H		Q4014	8-729-028-96	TRANSISTOR	DTC114EUA-T106
L7814	1-469-555-21	INDUCTOR	10 $\mu$ H		Q4015	8-729-028-96	TRANSISTOR	DTC114EUA-T106
L7815	1-216-295-91	SHORT CHIP			Q4016	8-729-028-97	TRANSISTOR	DTC114TUA-T106
L7817	1-400-180-21	FERRITE	0 $\mu$ H		Q4017	8-729-028-97	TRANSISTOR	DTC114TUA-T106
L7818	1-400-180-21	FERRITE	0 $\mu$ H		Q4018	8-729-028-97	TRANSISTOR	DTC114TUA-T106
L7819	1-469-555-21	INDUCTOR	10 $\mu$ H		Q4019	8-729-028-97	TRANSISTOR	DTC114TUA-T106
	<b>IC LINK</b>				Q4800	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
PS5000	1-576-646-11	FUSE	0.5A	50V	Q4801	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
	<b>TRANSISTOR</b>				Q5503	8-729-028-28	TRANSISTOR	2SK2036(TE85L)
Q2006	8-729-028-96	TRANSISTOR	DTC114EUA-T106		Q5505	8-729-028-28	TRANSISTOR	2SK2036(TE85L)
Q2007	6-551-677-01	TRANSISTOR	RTAN140M-T111-1		Q5507	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q2008	6-551-677-01	TRANSISTOR	RTAN140M-T111-1		Q5509	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q2009	8-729-028-96	TRANSISTOR	DTC114EUA-T106		Q5510	8-729-028-96	TRANSISTOR	DTC114EUA-T106
$\triangle$ Q2010	8-729-013-28	TRANSISTOR	HN1B01FU-TE85R		Q5620	6-551-699-01	TRANSISTOR	ISA1602AM1TP-1EF
Q2012	6-551-271-01	TRANSISTOR	RT3AMMM		Q5621	8-729-620-13	TRANSISTOR	2SC4154TP-1EF
Q2013	6-551-271-01	TRANSISTOR	RT3AMMM		Q5622	8-729-620-13	TRANSISTOR	2SC4154TP-1EF
Q2016	8-729-028-96	TRANSISTOR	DTC114EUA-T106		Q5623	8-729-028-96	TRANSISTOR	DTC114EUA-T106
Q2017	8-729-028-96	TRANSISTOR	DTC114EUA-T106		$\triangle$ Q7000	8-729-046-04	TRANSISTOR	FDS6690A
Q2018	8-729-028-97	TRANSISTOR	DTC114TUA-T106		Q7001	6-709-438-01	TRANSISTOR	FDS6986AS-NL
Q2019	6-551-677-01	TRANSISTOR	RTAN140M-T111-1		$\triangle$ Q7002	6-709-438-01	TRANSISTOR	FDS6986AS-NL
Q2020	6-551-677-01	TRANSISTOR	RTAN140M-T111-1		$\triangle$ Q7003	6-709-438-01	TRANSISTOR	FDS6986AS-NL
Q2023	8-729-028-96	TRANSISTOR	DTC114EUA-T106		$\triangle$ Q7004	6-709-438-01	TRANSISTOR	FDS6986AS-NL
Q2024	8-729-028-91	TRANSISTOR	DTA144EUA-T106		Q7007	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
Q2025	6-551-677-01	TRANSISTOR	RTAN140M-T111-1		Q7008	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
Q2026	6-551-677-01	TRANSISTOR	RTAN140M-T111-1		$\triangle$ Q7009	6-550-828-01	TRANSISTOR	RSQ035P03TR
Q2029	8-729-028-96	TRANSISTOR	DTC114EUA-T106		Q7800	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
Q2030	8-729-028-96	TRANSISTOR	DTC114EUA-T106		Q7801	8-729-620-13	TRANSISTOR	2SC4154TP-1EF
					Q7802	6-551-699-01	TRANSISTOR	ISA1602AM1TP-1EF
					Q7803	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
Q7804	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF			R1116	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
Q7805	6-551-699-01	TRANSISTOR	ISA1602AM1TP-1EF			R1117	1-218-989-11	RES-CHIP	1M	5%	1/16W
Q7806	8-729-620-13	TRANSISTOR	2SC4154TP-1EF			R1132	1-218-831-11	METAL CHIP	220	0.50%	1/10W
						R1133	1-218-831-11	METAL CHIP	220	0.50%	1/10W
						R1134	1-218-831-11	METAL CHIP	220	0.50%	1/10W
		<b>RESISTOR</b>				R1135	1-218-933-11	RES-CHIP	22	5%	1/16W
R1000	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R1136	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1001	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R1137	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1002	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R1138	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1003	1-218-941-81	RES-CHIP	100	5%	1/16W	R1139	1-218-933-11	RES-CHIP	22	5%	1/16W
R1004	1-218-285-11	METAL CHIP	75	5%	1/10W	R1140	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1005	1-218-941-81	RES-CHIP	100	5%	1/16W	R1141	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1006	1-218-953-11	RES-CHIP	1K	5%	1/16W	R1142	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R1007	1-218-953-11	RES-CHIP	1K	5%	1/16W	R1143	1-218-933-11	RES-CHIP	22	5%	1/16W
R1008	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R1144	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1009	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R1145	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1010	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R1146	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1011	1-218-941-81	RES-CHIP	100	5%	1/16W	R1147	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1012	1-218-989-11	RES-CHIP	1M	5%	1/16W	R1402	1-218-990-81	SHORT CHIP			
R1013	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R1403	1-218-990-81	SHORT CHIP			
R1014	1-218-989-11	RES-CHIP	1M	5%	1/16W	R1406	1-218-990-81	SHORT CHIP			
R1015	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R1409	1-218-990-81	SHORT CHIP			
R1016	1-218-990-81	SHORT CHIP				R1410	1-218-990-81	SHORT CHIP			
R1017	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R1411	1-218-990-81	SHORT CHIP			
R1018	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R1412	1-218-990-81	SHORT CHIP			
R1019	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R1413	1-218-990-81	SHORT CHIP			
R1020	1-218-941-81	RES-CHIP	100	5%	1/16W	R1700	1-218-981-11	RES-CHIP	220K	5%	1/16W
R1021	1-218-989-11	RES-CHIP	1M	5%	1/16W	R1701	1-218-981-11	RES-CHIP	220K	5%	1/16W
R1022	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R1702	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1023	1-218-989-11	RES-CHIP	1M	5%	1/16W	R1703	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1024	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R1710	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1025	1-218-990-81	SHORT CHIP				R1711	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1102	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R1712	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1103	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R1713	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1104	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R1720	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1105	1-218-933-11	RES-CHIP	22	5%	1/16W	R1721	1-218-989-11	RES-CHIP	1M	5%	1/16W
R1106	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R1722	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1107	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R1723	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1108	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R2020	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1109	1-218-933-11	RES-CHIP	22	5%	1/16W	R2023	1-218-990-81	SHORT CHIP			
R1110	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R2026	1-218-937-11	RES-CHIP	47	5%	1/16W
R1111	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R2033	1-218-941-81	RES-CHIP	100	5%	1/16W
R1112	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R2035	1-218-937-11	RES-CHIP	47	5%	1/16W
R1113	1-218-933-11	RES-CHIP	22	5%	1/16W	R2042	1-218-937-11	RES-CHIP	47	5%	1/16W
R1114	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R2044	1-218-941-81	RES-CHIP	100	5%	1/16W
R1115	1-218-989-11	RES-CHIP	1M	5%	1/16W						

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R2049	1-218-990-81	SHORT CHIP				R2133	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R2050	1-218-989-11	RES-CHIP	1M	5%	1/16W	R2138	1-218-985-11	RES-CHIP	470K	5%	1/16W
R2056	1-218-963-11	RES-CHIP	6.8K	5%	1/16W	R2139	1-218-985-11	RES-CHIP	470K	5%	1/16W
R2057	1-218-963-11	RES-CHIP	6.8K	5%	1/16W	R2141	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2063	1-218-990-81	SHORT CHIP				R2142	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2064	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2143	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R2070	1-218-990-81	SHORT CHIP				R2145	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R2073	1-218-941-81	RES-CHIP	100	5%	1/16W	R2147	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2074	1-218-953-11	RES-CHIP	1K	5%	1/16W	R2148	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2075	1-218-937-11	RES-CHIP	47	5%	1/16W	R2149	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2076	1-218-937-11	RES-CHIP	47	5%	1/16W	R2150	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2077	1-218-937-11	RES-CHIP	47	5%	1/16W	R2151	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2078	1-218-937-11	RES-CHIP	47	5%	1/16W	R2153	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2085	1-218-971-11	RES-CHIP	33K	5%	1/16W	R2154	1-218-990-81	SHORT CHIP			
R2087	1-218-971-11	RES-CHIP	33K	5%	1/16W	R2155	1-218-990-81	SHORT CHIP			
R2091	1-218-971-11	RES-CHIP	33K	5%	1/16W	R2156	1-218-990-81	SHORT CHIP			
R2092	1-218-971-11	RES-CHIP	33K	5%	1/16W	R2162	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2095	1-220-199-81	RES-CHIP	24K	5%	1/16W	R2163	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2096	1-218-971-11	RES-CHIP	33K	5%	1/16W	R2166	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2097	1-218-971-11	RES-CHIP	33K	5%	1/16W	R2167	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2098	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2168	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R2099	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2169	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2100	1-218-971-11	RES-CHIP	33K	5%	1/16W	R2170	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R2101	1-218-971-11	RES-CHIP	33K	5%	1/16W	R2171	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R2102	1-218-971-11	RES-CHIP	33K	5%	1/16W	R2176	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2103	1-218-971-11	RES-CHIP	33K	5%	1/16W	R2177	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2104	1-218-971-11	RES-CHIP	33K	5%	1/16W	R2178	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2105	1-218-971-11	RES-CHIP	33K	5%	1/16W	R2179	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R2106	1-218-971-11	RES-CHIP	33K	5%	1/16W	R2180	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R2107	1-218-971-11	RES-CHIP	33K	5%	1/16W	R2181	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R2108	1-218-971-11	RES-CHIP	33K	5%	1/16W	R2184	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2109	1-218-971-11	RES-CHIP	33K	5%	1/16W	R2185	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2110	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R2186	1-218-839-11	METAL CHIP	470	0.50%	1/10W
R2111	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R2187	1-218-839-11	METAL CHIP	470	0.50%	1/10W
R2112	1-208-715-11	METAL CHIP	22K	0.50%	1/16W	R2198	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R2113	1-208-715-11	METAL CHIP	22K	0.50%	1/16W	R2199	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2117	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R2200	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2118	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R2202	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2120	1-208-927-11	METAL CHIP	47K	0.50%	1/16W	R2204	1-218-977-11	RES-CHIP	100K	5%	1/16W
R2121	1-208-715-11	METAL CHIP	22K	0.50%	1/16W	R2205	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R2122	1-208-715-11	METAL CHIP	22K	0.50%	1/16W	R2207	1-218-937-11	RES-CHIP	47	5%	1/16W
R2126	1-208-927-11	METAL CHIP	47K	0.50%	1/16W	R2210	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W
R2129	1-208-715-11	METAL CHIP	22K	0.50%	1/16W	R2211	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W
R2130	1-208-697-11	METAL CHIP	3.9K	0.50%	1/16W	R2212	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R2131	1-208-697-11	METAL CHIP	3.9K	0.50%	1/16W	R2213	1-208-711-11	METAL CHIP	15K	0.50%	1/16W

**BU1**

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R2227	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R3069	1-218-941-81	RES-CHIP	100	5%	1/16W
R2228	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W	R3070	1-218-941-81	RES-CHIP	100	5%	1/16W
R2229	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R3101	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R2230	1-218-990-81	SHORT CHIP				R3102	1-218-941-81	RES-CHIP	100	5%	1/16W
R2232	1-218-990-81	SHORT CHIP				R3103	1-218-941-81	RES-CHIP	100	5%	1/16W
R2234	1-208-935-11	METAL CHIP	100K	0.50%	1/16W	R3111	1-218-933-11	RES-CHIP	22	5%	1/16W
R2235	1-208-923-11	METAL CHIP	33K	0.50%	1/16W	R3113	1-218-933-11	RES-CHIP	22	5%	1/16W
R2236	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W	R3144	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R2237	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W	R3158	1-218-941-81	RES-CHIP	100	5%	1/16W
R2238	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R3162	1-218-973-11	RES-CHIP	47K	5%	1/16W
R2239	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R3165	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2243	1-218-839-11	METAL CHIP	470	0.50%	1/10W	R3167	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2244	1-218-839-11	METAL CHIP	470	0.50%	1/10W	R3168	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2245	1-218-941-81	RES-CHIP	100	5%	1/16W	R3169	1-216-864-11	SHORT CHIP			
R2246	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	R3170	1-400-794-21	FERRITE	0μH		
R2247	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	R3180	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2248	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	R3181	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2249	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3186	1-218-990-81	SHORT CHIP			
R2259	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W	R3188	1-218-990-81	SHORT CHIP			
R2262	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W	R3190	1-208-886-81	METAL CHIP	910	0.50%	1/16W
R2268	1-218-941-81	RES-CHIP	100	5%	1/16W	R3191	1-218-969-11	RES-CHIP	22K	5%	1/16W
R2269	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3193	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2270	1-218-941-81	RES-CHIP	100	5%	1/16W	R3195	1-218-990-81	SHORT CHIP			
R2271	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3196	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2272	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W	R3198	1-218-990-81	SHORT CHIP			
R2273	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W	R3207	1-218-949-11	RES-CHIP	470	5%	1/16W
R2274	1-218-990-81	SHORT CHIP				R3208	1-218-990-81	SHORT CHIP			
R2275	1-218-990-81	SHORT CHIP				R3209	1-218-990-81	SHORT CHIP			
R2277	1-218-977-11	RES-CHIP	100K	5%	1/16W	R3210	1-218-949-11	RES-CHIP	470	5%	1/16W
R2279	1-218-977-11	RES-CHIP	100K	5%	1/16W	R3212	1-218-949-11	RES-CHIP	470	5%	1/16W
R2280	1-218-977-11	RES-CHIP	100K	5%	1/16W	R3218	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R2281	1-218-977-11	RES-CHIP	100K	5%	1/16W	R3223	1-218-945-11	RES-CHIP	220	5%	1/16W
R3001	1-216-864-11	SHORT CHIP				R3224	1-218-990-81	SHORT CHIP			
R3005	1-218-953-11	RES-CHIP	1K	5%	1/16W	R3226	1-218-945-11	RES-CHIP	220	5%	1/16W
R3010	1-218-990-81	SHORT CHIP				R3243	1-218-941-81	RES-CHIP	100	5%	1/16W
R3018	1-218-990-81	SHORT CHIP				R3246	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3023	1-218-990-81	SHORT CHIP				R3247	1-218-990-81	SHORT CHIP			
R3031	1-208-931-11	METAL CHIP	68K	0.50%	1/16W	R3255	1-400-591-22	FERRITE	0μH		
R3034	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W	R3256	1-400-591-22	FERRITE	0μH		
R3037	1-208-711-11	METAL CHIP	15K	0.50%	1/16W	R3257	1-400-591-22	FERRITE	0μH		
R3052	1-218-941-81	RES-CHIP	100	5%	1/16W	R3258	1-400-591-22	FERRITE	0μH		
R3053	1-218-990-81	SHORT CHIP				R3259	1-400-591-22	FERRITE	0μH		
R3055	1-218-973-11	RES-CHIP	47K	5%	1/16W	R3260	1-400-591-22	FERRITE	0μH		
R3061	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3261	1-400-591-22	FERRITE	0μH		
R3066	1-218-965-11	RES-CHIP	10K	5%	1/16W	R3262	1-400-591-22	FERRITE	0μH		

BU1
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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R3263	1-400-591-22	FERRITE	0μH			R4529	1-218-937-11	RES-CHIP	47	5%	1/16W
R3264	1-400-591-22	FERRITE	0μH			R4530	1-218-953-11	RES-CHIP	1K	5%	1/16W
R3265	1-400-591-22	FERRITE	0μH			R4532	1-218-941-81	RES-CHIP	100	5%	1/16W
R3266	1-216-864-11	SHORT CHIP				R4534	1-218-941-81	RES-CHIP	100	5%	1/16W
R3267	1-216-864-11	SHORT CHIP				R4536	1-218-933-11	RES-CHIP	22	5%	1/16W
R3270	1-218-941-81	RES-CHIP	100	5%	1/16W	R4537	1-218-941-81	RES-CHIP	100	5%	1/16W
R3271	1-218-977-11	RES-CHIP	100K	5%	1/16W	R4542	1-218-965-11	RES-CHIP	10K	5%	1/16W
R3274	1-218-977-11	RES-CHIP	100K	5%	1/16W	R4545	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R3290	1-218-990-81	SHORT CHIP				R4547	1-218-935-11	RES-CHIP	33	5%	1/16W
R3295	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W	R4548	1-218-941-81	RES-CHIP	100	5%	1/16W
R3515	1-218-990-81	SHORT CHIP				R4550	1-218-941-81	RES-CHIP	100	5%	1/16W
R3516	1-218-941-81	RES-CHIP	100	5%	1/16W	R4710	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R4002	1-218-977-11	RES-CHIP	100K	5%	1/16W	R4712	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R4006	1-218-977-11	RES-CHIP	100K	5%	1/16W	R4714	1-218-933-11	RES-CHIP	22	5%	1/16W
R4007	1-218-979-11	RES-CHIP	150K	5%	1/16W	R4715	1-218-933-11	RES-CHIP	22	5%	1/16W
R4008	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4721	1-216-864-11	SHORT CHIP			
R4013	1-218-977-11	RES-CHIP	100K	5%	1/16W	R4722	1-216-864-11	SHORT CHIP			
R4042	1-218-977-11	RES-CHIP	100K	5%	1/16W	R4723	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4043	1-218-971-11	RES-CHIP	33K	5%	1/16W	R4801	1-218-941-81	RES-CHIP	100	5%	1/16W
R4045	1-216-864-11	SHORT CHIP				R4802	1-218-949-11	RES-CHIP	470	5%	1/16W
R4047	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R4804	1-218-941-81	RES-CHIP	100	5%	1/16W
R4048	1-218-839-11	METAL CHIP	470	0.50%	1/10W	R4805	1-218-949-11	RES-CHIP	470	5%	1/16W
R4049	1-218-983-11	RES-CHIP	330K	5%	1/16W	R4808	1-218-941-81	RES-CHIP	100	5%	1/16W
R4050	1-218-971-11	RES-CHIP	33K	5%	1/16W	R4813	1-218-285-11	METAL CHIP	75	5%	1/10W
R4052	1-216-864-11	SHORT CHIP				R4814	1-218-981-11	RES-CHIP	220K	5%	1/16W
R4058	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4900	1-400-794-21	FERRITE	0μH		
R4060	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4903	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R4086	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4904	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R4087	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4905	1-218-990-81	SHORT CHIP			
R4088	1-218-971-11	RES-CHIP	33K	5%	1/16W	R4906	1-208-652-11	METAL CHIP	51	0.50%	1/16W
R4089	1-218-963-11	RES-CHIP	6.8K	5%	1/16W	R4907	1-218-990-81	SHORT CHIP			
R4090	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4908	1-218-929-11	RES-CHIP	10	5%	1/16W
R4501	1-218-933-11	RES-CHIP	22	5%	1/16W	R4909	1-208-652-11	METAL CHIP	51	0.50%	1/16W
R4502	1-218-933-11	RES-CHIP	22	5%	1/16W	R4910	1-218-933-11	RES-CHIP	22	5%	1/16W
R4505	1-218-933-11	RES-CHIP	22	5%	1/16W	R4911	1-218-933-11	RES-CHIP	22	5%	1/16W
R4506	1-218-933-11	RES-CHIP	22	5%	1/16W	R4912	1-218-933-11	RES-CHIP	22	5%	1/16W
R4507	1-218-933-11	RES-CHIP	22	5%	1/16W	R4913	1-218-933-11	RES-CHIP	22	5%	1/16W
R4508	1-218-933-11	RES-CHIP	22	5%	1/16W	R4914	1-218-929-11	RES-CHIP	10	5%	1/16W
R4509	1-218-989-11	RES-CHIP	1M	5%	1/16W	R4915	1-218-929-11	RES-CHIP	10	5%	1/16W
R4510	1-218-990-81	SHORT CHIP				R4916	1-218-933-11	RES-CHIP	22	5%	1/16W
R4512	1-218-990-81	SHORT CHIP				R4917	1-218-933-11	RES-CHIP	22	5%	1/16W
R4516	1-218-941-81	RES-CHIP	100	5%	1/16W	R4918	1-218-933-11	RES-CHIP	22	5%	1/16W
R4521	1-218-937-11	RES-CHIP	47	5%	1/16W	R4919	1-218-933-11	RES-CHIP	22	5%	1/16W
R4522	1-218-990-81	SHORT CHIP				R5000	1-216-864-11	SHORT CHIP			
R4525	1-218-937-11	RES-CHIP	47	5%	1/16W	R5012	1-218-827-11	METAL CHIP	150	0.50%	1/10W

BU1
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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R5013	1-218-827-11	METAL CHIP	150	0.50%	1/10W	R5591	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R5014	1-218-827-11	METAL CHIP	150	0.50%	1/10W	R5592	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R5015	1-218-827-11	METAL CHIP	150	0.50%	1/10W	R5593	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R5016	1-218-953-11	RES-CHIP	1K	5%	1/16W	R5594	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R5017	1-218-827-11	METAL CHIP	150	0.50%	1/10W	R5622	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5018	1-218-827-11	METAL CHIP	150	0.50%	1/10W	R5623	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5019	1-218-977-11	RES-CHIP	100K	5%	1/16W	R5624	1-218-969-11	RES-CHIP	22K	5%	1/16W
R5021	1-216-801-11	METAL CHIP	22	5%	1/10W	R5625	1-218-969-11	RES-CHIP	22K	5%	1/16W
R5022	1-216-801-11	METAL CHIP	22	5%	1/10W	R5628	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5023	1-216-801-11	METAL CHIP	22	5%	1/10W	R5629	1-218-970-11	RES-CHIP	27K	5%	1/16W
R5029	1-218-933-11	RES-CHIP	22	5%	1/16W	R5630	1-218-990-81	SHORT CHIP			
R5030	1-218-933-11	RES-CHIP	22	5%	1/16W	R5631	1-218-945-11	RES-CHIP	220	5%	1/16W
R5501	1-218-929-11	RES-CHIP	10	5%	1/16W	R5647	1-218-990-81	SHORT CHIP			
R5503	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R5649	1-218-990-81	SHORT CHIP			
R5504	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R5650	1-218-990-81	SHORT CHIP			
R5505	1-218-929-11	RES-CHIP	10	5%	1/16W	R5651	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5511	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R5652	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5512	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R5653	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5519	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R7000	1-218-953-11	RES-CHIP	1K	5%	1/16W
R5523	1-218-977-11	RES-CHIP	100K	5%	1/16W	R7001	1-218-945-11	RES-CHIP	220	5%	1/16W
R5524	1-218-977-11	RES-CHIP	100K	5%	1/16W	R7005	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W
R5529	1-218-973-11	RES-CHIP	47K	5%	1/16W	R7009	1-208-931-11	METAL CHIP	68K	0.50%	1/16W
R5530	1-218-941-81	RES-CHIP	100	5%	1/16W	R7010	1-218-911-11	METAL CHIP	470K	0.50%	1/10W
R5531	1-218-977-11	RES-CHIP	100K	5%	1/16W	R7012	1-216-295-91	SHORT CHIP			
R5534	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R7013	1-218-990-81	SHORT CHIP			
R5538	1-218-973-11	RES-CHIP	47K	5%	1/16W	R7016	1-216-295-91	SHORT CHIP			
R5543	1-218-941-81	RES-CHIP	100	5%	1/16W	R7017	1-216-295-91	SHORT CHIP			
R5547	1-218-929-11	RES-CHIP	10	5%	1/16W	R7018	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R5548	1-218-929-11	RES-CHIP	10	5%	1/16W	R7019	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5549	1-218-929-11	RES-CHIP	10	5%	1/16W	R7020	1-218-990-81	SHORT CHIP			
R5550	1-218-929-11	RES-CHIP	10	5%	1/16W	R7021	1-218-990-81	SHORT CHIP			
R5551	1-218-929-11	RES-CHIP	10	5%	1/16W	R7022	1-216-821-11	METAL CHIP	1K	5%	1/10W
R5552	1-218-929-11	RES-CHIP	10	5%	1/16W	R7023	1-216-818-11	METAL CHIP	560	5%	1/10W
R5553	1-218-929-11	RES-CHIP	10	5%	1/16W	R7024	1-218-941-81	RES-CHIP	100	5%	1/16W
R5556	1-218-929-11	RES-CHIP	10	5%	1/16W	R7025	1-208-936-11	METAL CHIP	110K	0.50%	1/16W
R5558	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7026	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R5559	1-218-929-11	RES-CHIP	10	5%	1/16W	R7027	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5560	1-218-929-11	RES-CHIP	10	5%	1/16W	R7028	1-208-956-81	METAL CHIP	750K	0.50%	1/16W
R5561	1-218-929-11	RES-CHIP	10	5%	1/16W	R7030	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5562	1-218-929-11	RES-CHIP	10	5%	1/16W	R7032	1-218-990-81	SHORT CHIP			
R5563	1-218-929-11	RES-CHIP	10	5%	1/16W	R7034	1-218-977-11	RES-CHIP	100K	5%	1/16W
R5564	1-218-929-11	RES-CHIP	10	5%	1/16W	R7035	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R5565	1-218-929-11	RES-CHIP	10	5%	1/16W	R7036	1-218-982-11	RES-CHIP	270K	5%	1/16W
R5566	1-218-929-11	RES-CHIP	10	5%	1/16W	R7037	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R5573	1-218-937-11	RES-CHIP	47	5%	1/16W	R7038	1-208-922-11	METAL CHIP	30K	0.50%	1/16W



BU1
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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7039	1-208-715-11	METAL CHIP	22K	0.50%	1/16W	R7091	1-216-295-91	SHORT CHIP			
R7040	1-208-715-11	METAL CHIP	22K	0.50%	1/16W	R7092	1-208-721-11	METAL CHIP	39K	0.50%	1/16W
R7041	1-208-927-11	METAL CHIP	47K	0.50%	1/16W	R7093	1-208-927-11	METAL CHIP	47K	0.50%	1/16W
R7042	1-218-982-11	RES-CHIP	270K	5%	1/16W	R7094	1-218-958-11	RES-CHIP	2.7K	5%	1/16W
R7043	1-208-923-11	METAL CHIP	33K	0.50%	1/16W	R7095	1-208-675-11	METAL CHIP	470	0.50%	1/16W
R7044	1-208-929-81	METAL CHIP	56K	0.50%	1/16W	R7096	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7045	1-208-923-11	METAL CHIP	33K	0.50%	1/16W	R7097	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R7046	1-208-923-11	METAL CHIP	33K	0.50%	1/16W	R7098	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7047	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R7099	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R7048	1-218-941-81	RES-CHIP	100	5%	1/16W	R7100	1-220-915-91	METAL CHIP	0.033	2%	1/4W
R7049	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R7101	1-218-937-11	RES-CHIP	47	5%	1/16W
R7050	1-218-941-81	RES-CHIP	100	5%	1/16W	R7102	1-218-990-81	SHORT CHIP			
R7051	1-218-941-81	RES-CHIP	100	5%	1/16W	R7103	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R7052	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R7104	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7053	1-218-958-11	RES-CHIP	2.7K	5%	1/16W	R7105	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7054	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R7106	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7055	1-208-935-11	METAL CHIP	100K	0.50%	1/16W	R7108	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7056	1-208-935-11	METAL CHIP	100K	0.50%	1/16W	R7109	1-218-990-81	SHORT CHIP			
R7057	1-208-935-11	METAL CHIP	100K	0.50%	1/16W	R7110	1-218-937-11	RES-CHIP	47	5%	1/16W
R7058	1-208-935-11	METAL CHIP	100K	0.50%	1/16W	R7183	1-218-990-81	SHORT CHIP			
R7059	1-218-937-11	RES-CHIP	47	5%	1/16W	R7307	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7060	1-218-937-11	RES-CHIP	47	5%	1/16W	R7308	1-218-941-81	RES-CHIP	100	5%	1/16W
R7061	1-218-937-11	RES-CHIP	47	5%	1/16W	R7309	1-218-990-81	SHORT CHIP			
R7062	1-218-937-11	RES-CHIP	47	5%	1/16W	R7316	1-218-990-81	SHORT CHIP			
R7063	1-216-864-11	SHORT CHIP				R7317	1-216-864-11	SHORT CHIP			
R7064	1-216-864-11	SHORT CHIP				R7318	1-216-864-11	SHORT CHIP			
R7065	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R7319	1-218-990-81	SHORT CHIP			
R7066	1-208-709-11	METAL CHIP	12K	0.50%	1/16W	R7320	1-218-941-81	RES-CHIP	100	5%	1/16W
R7067	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R7321	1-218-933-11	RES-CHIP	22	5%	1/16W
R7068	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R7327	1-218-977-11	RES-CHIP	100K	5%	1/16W
R7069	1-216-295-91	SHORT CHIP				R7328	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7070	1-216-295-91	SHORT CHIP				R7329	1-216-835-11	METAL CHIP	15K	5%	1/10W
R7071	1-216-791-11	METAL CHIP	3.3	5%	1/10W	R7330	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7072	1-216-791-11	METAL CHIP	3.3	5%	1/10W	R7331	1-216-835-11	METAL CHIP	15K	5%	1/10W
R7073	1-216-791-11	METAL CHIP	3.3	5%	1/10W	R7332	1-216-835-11	METAL CHIP	15K	5%	1/10W
R7074	1-216-791-11	METAL CHIP	3.3	5%	1/10W	R7333	1-216-835-11	METAL CHIP	15K	5%	1/10W
R7079	1-216-295-91	SHORT CHIP				R7400	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R7080	1-216-295-91	SHORT CHIP				R7401	1-208-855-81	METAL CHIP	47	0.50%	1/16W
R7081	1-216-295-91	SHORT CHIP				R7402	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7082	1-216-295-91	SHORT CHIP				R7403	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7084	1-216-864-11	SHORT CHIP				R7404	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7085	1-216-864-11	SHORT CHIP				R7405	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7087	1-216-864-11	SHORT CHIP				R7406	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7089	1-216-295-91	SHORT CHIP				R7407	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7090	1-216-295-91	SHORT CHIP				R7408	1-208-683-11	METAL CHIP	1K	0.50%	1/16W

**BU1**

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7501	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R7808	1-218-949-11	RES-CHIP	470	5%	1/16W
R7506	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7814	1-218-941-81	RES-CHIP	100	5%	1/16W
R7507	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7819	1-218-941-81	RES-CHIP	100	5%	1/16W
R7508	1-218-977-11	RES-CHIP	100K	5%	1/16W	R7821	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7516	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7822	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7517	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7829	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R7521	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7831	1-218-989-11	RES-CHIP	1M	5%	1/16W
R7526	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7834	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R7528	1-218-953-11	RES-CHIP	1K	5%	1/16W	R7836	1-218-990-81	SHORT CHIP			
R7529	1-218-985-11	RES-CHIP	470K	5%	1/16W	R7838	1-218-958-11	RES-CHIP	2.7K	5%	1/16W
R7532	1-218-990-81	SHORT CHIP				R7839	1-208-697-11	METAL CHIP	3.9K	0.50%	1/16W
R7533	1-218-446-11	METAL CHIP	1	5%	1/10W	R7840	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7535	1-218-990-81	SHORT CHIP				R7842	1-218-953-11	RES-CHIP	1K	5%	1/16W
R7536	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7843	1-208-663-11	METAL CHIP	150	0.50%	1/16W
R7538	1-218-990-81	SHORT CHIP				R7844	1-208-893-11	METAL CHIP	1.8K	0.50%	1/16W
R7600	1-218-933-11	RES-CHIP	22	5%	1/16W	R7845	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7601	1-218-933-11	RES-CHIP	22	5%	1/16W	R7847	1-218-941-81	RES-CHIP	100	5%	1/16W
R7602	1-218-933-11	RES-CHIP	22	5%	1/16W	R7848	1-218-989-11	RES-CHIP	1M	5%	1/16W
R7603	1-218-933-11	RES-CHIP	22	5%	1/16W	R7849	1-208-713-11	METAL CHIP	18K	0.50%	1/16W
R7604	1-218-933-11	RES-CHIP	22	5%	1/16W	R7851	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7605	1-218-933-11	RES-CHIP	22	5%	1/16W	R7852	1-218-978-11	RES-CHIP	120K	5%	1/16W
R7607	1-218-933-11	RES-CHIP	22	5%	1/16W	R7853	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7608	1-218-973-11	RES-CHIP	47K	5%	1/16W	R7854	1-218-990-81	SHORT CHIP			
R7609	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7855	1-218-990-81	SHORT CHIP			
R7610	1-218-953-11	RES-CHIP	1K	5%	1/16W	R7857	1-218-937-11	RES-CHIP	47	5%	1/16W
R7611	1-218-933-11	RES-CHIP	22	5%	1/16W	R7860	1-218-965-11	RES-CHIP	10K	5%	1/16W
R7614	1-218-990-81	SHORT CHIP				R7861	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R7703	1-218-941-81	RES-CHIP	100	5%	1/16W	R7862	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7704	1-218-941-81	RES-CHIP	100	5%	1/16W	R7863	1-218-979-11	RES-CHIP	150K	5%	1/16W
R7705	1-218-941-81	RES-CHIP	100	5%	1/16W	R7864	1-218-989-11	RES-CHIP	1M	5%	1/16W
R7706	1-218-935-11	RES-CHIP	33	5%	1/16W	R7865	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R7707	1-218-941-81	RES-CHIP	100	5%	1/16W	R7869	1-218-941-81	RES-CHIP	100	5%	1/16W
R7708	1-218-941-81	RES-CHIP	100	5%	1/16W	R7874	1-218-990-81	SHORT CHIP			
R7709	1-218-941-81	RES-CHIP	100	5%	1/16W	R7875	1-218-990-81	SHORT CHIP			
R7710	1-218-935-11	RES-CHIP	33	5%	1/16W	R7876	1-218-990-81	SHORT CHIP			
R7711	1-218-965-11	RES-CHIP	10K	5%	1/16W	R7885	1-216-295-91	SHORT CHIP			
R7712	1-218-935-11	RES-CHIP	33	5%	1/16W	R7886	1-216-295-91	SHORT CHIP			
R7714	1-218-953-11	RES-CHIP	1K	5%	1/16W	R7964	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7715	1-218-953-11	RES-CHIP	1K	5%	1/16W	R7965	1-208-928-11	METAL CHIP	51K	0.50%	1/16W
R7716	1-218-935-11	RES-CHIP	33	5%	1/16W	R7967	1-218-941-81	RES-CHIP	100	5%	1/16W
R7717	1-218-935-11	RES-CHIP	33	5%	1/16W	R7969	1-208-928-11	METAL CHIP	51K	0.50%	1/16W
R7718	1-218-953-11	RES-CHIP	1K	5%	1/16W	R7970	1-218-969-11	RES-CHIP	22K	5%	1/16W
R7720	1-218-941-81	RES-CHIP	100	5%	1/16W	R7971	1-218-941-81	RES-CHIP	100	5%	1/16W
R7800	1-218-953-11	RES-CHIP	1K	5%	1/16W	R7972	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R7803	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	R7973	1-218-959-11	RES-CHIP	3.3K	5%	1/16W

**BU1**

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
R7974	1-218-941-81	RES-CHIP	100 5% 1/16W	RB4512	1-239-698-11	RESISTOR, NETWORK 10K	
R7975	1-218-941-81	RES-CHIP	100 5% 1/16W	RB4701	1-234-372-11	RES, NETWORK 100 (1005X4)	
R7978	1-218-989-11	RES-CHIP	1M 5% 1/16W	RB4702	1-234-372-11	RES, NETWORK 100 (1005X4)	
R7979	1-218-990-81	SHORT CHIP		RB4703	1-234-372-11	RES, NETWORK 100 (1005X4)	
R7980	1-208-893-11	METAL CHIP	1.8K 0.50% 1/16W	RB4704	1-239-698-11	RESISTOR, NETWORK 10K	
R7990	1-218-965-11	RES-CHIP	10K 5% 1/16W	RB4800	1-239-674-81	RESISTOR, NETWORK 100	
<b>RESISTOR BRIDGE</b>				RB4900	1-234-369-21	RES, NETWORK 10 (1005X4)	
RB2001	1-234-381-21	RES, NETWORK 100K (1005X4)		RB4901	1-234-369-21	RES, NETWORK 10 (1005X4)	
RB2003	1-239-698-11	RESISTOR, NETWORK 10K		RB4902	1-234-369-21	RES, NETWORK 10 (1005X4)	
RB2004	1-239-674-81	RESISTOR, NETWORK 100		RB4903	1-234-369-21	RES, NETWORK 10 (1005X4)	
RB2006	1-234-378-21	RES, NETWORK 10K (1005X4)		RB4904	1-234-370-21	RES, NETWORK 22 (1005X4)	
RB2007	1-234-378-21	RES, NETWORK 10K (1005X4)		RB4905	1-234-370-21	RES, NETWORK 22 (1005X4)	
RB2008	1-239-674-81	RESISTOR, NETWORK 100		RB4906	1-234-370-21	RES, NETWORK 22 (1005X4)	
RB2009	1-239-674-81	RESISTOR, NETWORK 100		RB4907	1-234-370-21	RES, NETWORK 22 (1005X4)	
RB2010	1-239-698-11	RESISTOR, NETWORK 10K		RB4908	1-234-370-21	RES, NETWORK 22 (1005X4)	
RB2011	1-239-698-11	RESISTOR, NETWORK 10K		RB4909	1-234-370-21	RES, NETWORK 22 (1005X4)	
RB2012	1-239-698-11	RESISTOR, NETWORK 10K		RB4910	1-234-370-21	RES, NETWORK 22 (1005X4)	
RB3004	1-234-372-11	RES, NETWORK 100 (1005X4)		RB4911	1-234-370-21	RES, NETWORK 22 (1005X4)	
RB3005	1-234-372-11	RES, NETWORK 100 (1005X4)		RB5001	1-239-698-11	RESISTOR, NETWORK 10K	
RB3006	1-234-372-11	RES, NETWORK 100 (1005X4)		RB5002	1-239-670-81	RESISTOR, NETWORK 47	
RB3007	1-234-378-21	RES, NETWORK 10K (1005X4)		RB5504	1-239-674-81	RESISTOR, NETWORK 100	
RB3008	1-234-378-21	RES, NETWORK 10K (1005X4)		RB5505	1-239-674-81	RESISTOR, NETWORK 100	
RB3010	1-234-372-11	RES, NETWORK 100 (1005X4)		RB5507	1-239-670-81	RESISTOR, NETWORK 47	
RB3011	1-234-372-11	RES, NETWORK 100 (1005X4)		RB5508	1-239-706-81	RESISTOR, NETWORK 47K	
RB3014	1-239-698-11	RESISTOR, NETWORK 10K		RB5509	1-239-698-11	RESISTOR, NETWORK 10K	
RB3015	1-239-670-81	RESISTOR, NETWORK 47		RB5510	1-239-706-81	RESISTOR, NETWORK 47K	
RB3016	1-239-698-11	RESISTOR, NETWORK 10K		RB5511	1-239-706-81	RESISTOR, NETWORK 47K	
RB3017	1-239-674-81	RESISTOR, NETWORK 100		RB7300	1-239-674-81	RESISTOR, NETWORK 100	
RB3018	1-239-698-11	RESISTOR, NETWORK 10K		RB7301	1-234-106-81	RES, NETWORK 0	
RB3019	1-239-698-11	RESISTOR, NETWORK 10K		RB7302	1-234-370-21	RES, NETWORK 22 (1005X4)	
RB3020	1-239-674-81	RESISTOR, NETWORK 100		RB7500	1-239-674-81	RESISTOR, NETWORK 100	
RB3021	1-239-674-81	RESISTOR, NETWORK 100		RB7600	1-234-370-21	RES, NETWORK 22 (1005X4)	
RB3022	1-239-698-11	RESISTOR, NETWORK 10K		RB7601	1-234-370-21	RES, NETWORK 22 (1005X4)	
RB3024	1-239-698-11	RESISTOR, NETWORK 10K		RB7602	1-234-370-21	RES, NETWORK 22 (1005X4)	
RB4500	1-234-795-21	RES, NETWORK 0X4 (2010)		RB7603	1-234-370-21	RES, NETWORK 22 (1005X4)	
RB4501	1-234-795-21	RES, NETWORK 0X4 (2010)		RB7604	1-234-370-21	RES, NETWORK 22 (1005X4)	
RB4502	1-234-370-21	RES, NETWORK 22 (1005X4)		RB7606	1-234-370-21	RES, NETWORK 22 (1005X4)	
RB4503	1-234-370-21	RES, NETWORK 22 (1005X4)		RB7607	1-234-378-21	RES, NETWORK 10K (1005X4)	
RB4504	1-234-370-21	RES, NETWORK 22 (1005X4)		RB7608	1-234-370-21	RES, NETWORK 22 (1005X4)	
RB4505	1-234-370-21	RES, NETWORK 22 (1005X4)		RB7609	1-234-370-21	RES, NETWORK 22 (1005X4)	
RB4510	1-234-372-11	RES, NETWORK 100 (1005X4)		RB7610	1-234-370-21	RES, NETWORK 22 (1005X4)	
RB4511	1-234-106-81	RES, NETWORK 0		RB7611	1-234-370-21	RES, NETWORK 22 (1005X4)	
				RB7612	1-234-372-11	RES, NETWORK 100 (1005X4)	
				RB7613	1-234-372-11	RES, NETWORK 100 (1005X4)	
				RB7800	1-239-698-11	RESISTOR, NETWORK 10K	

**BU1 D1**

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
RB7801	1-239-674-81	RESISTOR, NETWORK 100		VD5520	1-802-417-11	SURGE ABSORBER	
RB7802	1-234-795-21	RES, NETWORK 0X4	(2010)	VD5522	1-802-417-11	SURGE ABSORBER	
<b>VARISTOR</b>				VD5523	1-802-417-11	SURGE BSORBER	
VD1001	1-802-078-11	VARISTOR	(SMD)	VD5524	1-802-417-11	SURGE ABSORBER	
VD1002	1-802-078-11	VARISTOR	(SMD)	VD5526	1-802-417-11	SURGE ABSORBER	
VD1003	1-802-078-11	VARISTOR	(SMD)	VD5527	1-802-417-11	SURGE ABSORBER	
VD1004	1-802-078-11	VARISTOR	(SMD)	VD7300	1-802-090-21	VARISTOR, CHIP	
VD1103	1-802-090-21	VARISTOR, CHIP		VD7301	1-802-090-21	VARISTOR, CHIP	
VD1104	1-802-090-21	VARISTOR, CHIP		VD7302	1-802-090-21	VARISTOR, CHIP	
VD1105	1-802-090-21	VARISTOR, CHIP		<b>CRYSTAL</b>			
VD1106	1-802-078-11	VARISTOR	(SMD)	X2001	1-813-462-11	VIBRATOR, CRYSTAL	24.576MHZ
VD1107	1-802-078-11	VARISTOR	(SMD)	X3001	1-813-070-21	PIEZOELECTRIC OSCILLATOR	
VD1108	1-802-078-11	VARISTOR	(SMD)	X3009	1-813-784-21	VIBRATOR, CRYSTAL	
VD1109	1-802-078-11	VARISTOR	(SMD)	X4500	1-813-773-11	VIBRATOR, CRYSTAL	
VD1133	1-802-090-21	VARISTOR, CHIP		X7200	1-813-946-21	VIBRATOR, CRYSTAL	
VD1134	1-802-090-21	VARISTOR, CHIP		<b>D1</b>			
VD1135	1-802-090-21	VARISTOR, CHIP					
VD1702	1-802-090-21	VARISTOR, CHIP					
VD1703	1-802-090-21	VARISTOR, CHIP					
VD1710	1-802-078-11	VARISTOR	(SMD)				
VD1711	1-802-078-11	VARISTOR	(SMD)				
VD1720	1-802-078-11	VARISTOR	(SMD)				
VD1721	1-802-078-11	VARISTOR	(SMD)				
VD5002	1-802-078-11	VARISTOR	(SMD)				
VD5003	1-802-078-11	VARISTOR	(SMD)				
VD5004	1-802-078-11	VARISTOR	(SMD)	<b>A-1236-528-A D1 BOARD, COMPLETE</b>			
VD5005	1-802-078-11	VARISTOR	(SMD)	4-382-854-11	SCREW (M3X10), P, SW (+)		
VD5006	1-802-078-11	VARISTOR	(SMD)	(When replacing the D1 Board for this model, refer to the instructions for "Replacing the Inverter Connector Assembly" in the Disassembly section of this manual.)			
VD5501	1-805-774-21	VARISTOR, CHIP		<b>CAPACITOR</b>			
VD5503	1-802-417-11	SURGE ABSORBER		C6600	1-165-794-21	MYLAR	1µF 10% 450V
VD5504	1-802-417-11	SURGE ABSORBER		C6601	1-162-964-11	CERAMIC CHIP	0.001µF 10% 50V
VD5506	1-802-417-11	SURGE ABSORBER		C6602	1-162-964-11	CERAMIC CHIP	0.001µF 10% 50V
VD5507	1-802-417-11	SURGE ABSORBER		C6604	1-115-339-11	CERAMIC CHIP	0.1µF 10% 50V
VD5509	1-802-417-11	SURGE ABSORBER		C6606	1-165-794-21	MYLAR	1µF 10% 450V
VD5510	1-802-417-11	SURGE ABSORBER		C6609	1-107-826-11	CERAMIC CHIP	0.1µF 10% 16V
VD5511	1-802-417-11	SURGE ABSORBER		C6612	1-119-891-51	CERAMIC	220pF 10% 250V
VD5512	1-802-417-11	SURGE ABSORBER		C6700	1-100-566-91	CERAMIC CHIP	0.1µF 10% 25V
VD5513	1-802-417-11	SURGE ABSORBER		C6701	1-100-566-91	CERAMIC CHIP	0.1µF 10% 25V
VD5514	1-802-417-11	SURGE ABSORBER		C6702	1-100-566-91	CERAMIC CHIP	0.1µF 10% 25V
VD5515	1-802-417-11	SURGE ABSORBER		C6703	1-100-566-91	CERAMIC CHIP	0.1µF 10% 25V
VD5517	1-802-417-11	SURGE ABSORBER		C6706	1-162-970-11	CERAMIC CHIP	0.01µF 10% 25V
VD5518	1-802-417-11	SURGE ABSORBER		C6707	1-162-970-11	CERAMIC CHIP	0.01µF 10% 25V
VD5519	1-802-417-11	SURGE ABSORBER		C6709	1-112-737-11	CERAMIC	27pF 5% 6.3KV
				C6710	1-162-967-11	CERAMIC CHIP	0.0033µF 10% 50V
				C6711	1-104-512-11	CERAMIC	22pF 5% 6.3KV
				C6712	1-162-979-11	CERAMIC CHIP	0.0027µF 10% 50V
				C6715	1-125-891-11	CERAMIC CHIP	0.47µF 10% 10V
				C6716	1-162-970-11	CERAMIC CHIP	0.01µF 5% 25V
				C6717	1-164-217-11	CERAMIC CHIP	150pF 5% 50V

D1

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES
C6718	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V				
C6719	1-164-315-11	CERAMIC CHIP	470pF	5%	50V				
C6720	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V				
C6721	1-165-908-11	CERAMIC CHIP	1μF	10%	10V				
C6723	1-165-908-11	CERAMIC CHIP	1μF	10%	10V				
C6724	1-127-804-91	CERAMIC CHIP	100pF	1%	50V				
C6725	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V				
C6726	1-127-573-11	CERAMIC CHIP	1μF	10%	16V				
C6727	1-165-908-11	CERAMIC CHIP	1μF	10%	10V				
C6728	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V				
C6729	1-107-882-91	ELECT	100μF	20%	16V				
C6730	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V				
C6731	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V				
C6732	1-100-591-91	CERAMIC CHIP	1μF	10%	25V				
C6735	1-165-176-11	CERAMIC CHIP	0.047μF	10%	16V				
C6738	1-165-908-11	CERAMIC CHIP	1μF	10%	10V				
C6739	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V				
C6740	1-107-882-91	ELECT	100μF	20%	16V				
C6741	1-165-908-11	CERAMIC CHIP	1μF	10%	10V				
C6742	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V				
C6743	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V				
C6744	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V				
C6745	1-107-877-11	ELECT	1000μF	20%	10V				
C6746	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V				
C6747	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V				
C6748	1-165-908-11	CERAMIC CHIP	1μF	10%	10V				
C6749	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V				
C6750	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V				
C6753	1-107-906-11	ELECT	10μF	20%	50V				
C6754	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V				
C6755	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V				
C6756	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V				
C6757	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V				
C6759	1-107-882-91	ELECT	100μF	20%	16V				
C6785	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V				
C6789	1-107-888-11	ELECT	47μF	20%	25V				
C6794	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V				
<b>CONNECTOR</b>									
*	CN6600	1-793-660-11	PIN, CONNECTOR (PC BOARD)						
*	CN6707	1-778-853-11	PIN, CONNECTOR (PC BOARD)			8P			
						<b>DIODE</b>			
						D6608	8-719-041-97	DIODE	MA113-(TX)
						D6609	8-719-041-97	DIODE	MA113-(TX)
						D6623	8-719-083-57	DIODE	UDZSTE-173.6B
						D6624	8-719-083-57	DIODE	UDZSTE-173.6B
						D6625	6-500-137-01	DIODE	BAT54HT1
						D6700	8-719-420-90	DIODE	MA8051-M
						D6701	8-719-420-90	DIODE	MA8051-M
						D6702	8-719-404-50	DIODE	MA111-TX
						D6703	8-719-404-50	DIODE	MA111-TX
						D6704	8-719-800-76	DIODE	1SS226
						D6705	8-719-800-76	DIODE	1SS226
						D6708	6-500-335-01	DIODE	MC2838-T112-1
						D6709	8-719-017-58	DIODE	MA8068
						D6710	8-719-017-58	DIODE	MA8068
						D6714	8-719-422-12	DIODE	MA8039
						D6715	8-719-422-12	DIODE	MA8039
						D6717	8-719-404-50	DIODE	MA111-TX
						D6718	8-719-404-50	DIODE	MA111-TX
						ET6700	1-537-770-21	TERMINAL BOARD, GROUND	
						ET6701	1-537-770-21	TERMINAL BOARD, GROUND	
						<b>FERRITE BEAD</b>			
						FB6604	1-412-911-11	FERRITE	0μH
						FB6605	1-412-911-11	FERRITE	0μH
						FB6606	1-412-911-11	FERRITE	0μH
						FB6607	1-412-911-11	FERRITE	0μH
						FB6609	1-481-256-11	FERRITE	0μH
						FB6610	1-410-396-41	FERRITE	0.45μH
						<b>IC</b>			
						IC6702	6-708-762-01	IC	PQ200WNA1ZPH
					*	IC6703	8-759-575-27	IC	BA10339F-E2
						IC6704	6-709-368-01	IC	MM1431ATT (CN)
						<b>CHIP CONDUCTOR</b>			
						JR6700	1-216-296-11	SHORT CHIP	
						JR6701	1-216-296-11	SHORT CHIP	
						JR6702	1-216-296-11	SHORT CHIP	
						JR6703	1-216-296-11	SHORT CHIP	
						JR6704	1-216-296-11	SHORT CHIP	
						JR6705	1-216-296-11	SHORT CHIP	
						JR6706	1-216-296-11	SHORT CHIP	
						JR6707	1-216-296-11	SHORT CHIP	



**D1 G1H G3**

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6779	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6780	1-216-864-11	SHORT CHIP			
R6782	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R6783	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6786	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6787	1-216-817-11	METAL CHIP	470	5%	1/10W
R6788	1-216-864-11	SHORT CHIP			
R6789	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R6790	1-218-883-11	METAL CHIP	33K	0.50%	1/10W
R6792	1-218-885-11	METAL CHIP	39K	0.50%	1/10W
R6793	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6794	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6795	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6802	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R6804	1-249-381-11	CARBON	1	5%	1/4W
R6805	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6806	1-216-864-11	SHORT CHIP			
R6807	1-216-864-11	SHORT CHIP			
R6809	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
R6810	1-218-875-11	METAL CHIP	15K	0.50%	1/10W
R6811	1-218-901-11	METAL CHIP	180K	0.50%	1/10W
R6816	1-216-864-11	SHORT CHIP			
R6819	1-216-864-11	SHORT CHIP			
R6823	1-216-864-11	SHORT CHIP			
R6824	1-216-864-11	SHORT CHIP			
R6909	1-216-821-11	METAL CHIP	1K	5%	1/10W

**TRANSFORMER**

T6800 1-445-237-11 TRANSFORMER, DRIVE

**G1H**

**1-474-052-11 G1H BOARD, COMPLETE (POWER SUPPLY)  
(KDL-32SL130 ONLY)**

This board is manufactured by a 3rd party.  
Component level repair information is not available.

**G3**

REF. NO.	PART NO.	DESCRIPTION	VALUES		
	<b>A-1314-501-A</b>	<b>G3 BOARD, COMPLETE (KDL-40SL130 ONLY)</b>			
	4-382-854-11	SCREW (M3X10), P, SW (+)			
		<b>CAPACITOR</b>			
C6000	1-113-889-11	CERAMIC	0.001µF	20%	250V
C6002	1-165-530-11	MYLAR	0.47µF	10	275V
C6005	1-113-889-11	CERAMIC	0.001µF	20%	250V
C6007	1-119-892-51	CERAMIC	470pF	10%	250V
C6011	1-119-892-51	CERAMIC	470pF	10%	250V
C6012	1-165-529-11	MYLAR	0.22µF	10	275V
C6014	1-161-964-91	CERAMIC	0.0047µF		250V
C6015	1-161-964-91	CERAMIC	0.0047µF		250V
C6019	1-163-021-91	CERAMIC CHIP	0.01µF	10%	50V
C6020	1-163-021-91	CERAMIC CHIP	0.01µF	10%	50V
C6021	1-113-889-11	CERAMIC	0.001µF	20%	250V
C6100	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6101	1-100-831-91	CERAMIC CHIP	0.001µF	2%	50V
C6102	1-107-906-11	ELECT	10µF	20%	50V
C6103	1-107-905-11	ELECT	4.7µF	20%	50V
C6104	1-107-910-11	ELECT	100µF	20%	50V
C6106	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6107	1-107-888-11	ELECT	47µF	20%	25V
C6108	1-115-340-11	CERAMIC CHIP	0.22µF	10%	25V
C6111	1-100-310-11	FILM	18000pF	3%	800V
C6112	1-163-021-91	CERAMIC CHIP	0.01µF	10%	50V
C6150	1-104-760-11	CERAMIC CHIP	0.047µF	10%	50V
C6152	1-112-231-21	ELECT	2200µF	20%	16V
C6154	1-112-835-11	ELECT	3300µF	20%	25V
C6157	1-112-231-21	ELECT	2200µF	20%	16V
C6160	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V
C6170	1-112-231-21	ELECT	2200µF	20%	16V
C6200	1-107-826-11	CERAMIC CHIP	0.1µF	10%	16V
C6201	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C6202	1-107-903-11	ELECT	2.2µF	20%	50V
C6203	1-100-139-41	FILM	0.001µF	5%	630V
C6204	1-107-904-11	ELECT	3.3µF	20%	50V
C6205	1-107-910-11	ELECT	100µF	20%	50V
C6206	1-162-964-11	CERAMIC CHIP	0.001µF	10%	50V
C6250	1-128-949-31	ELECT	470µF	20%	16V

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REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
C6251	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F 10% 16V				
C6300	1-165-908-11	CERAMIC CHIP	1 $\mu$ F 10% 10V				
C6301	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F 10% 16V				
C6302	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V				
C6304	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F 10% 25V				
C6305	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V				
C6306	1-125-891-11	CERAMIC CHIP	0.47 $\mu$ F 10% 10V				
C6307	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V				
C6308	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F 10% 25V				
C6309	1-107-910-11	ELECT	100 $\mu$ F 20% 50V				
C6310	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V				
C6311	1-131-872-91	CERAMIC CHIP	1000pF 10% 630V				
C6402	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F 10% 25V				
C6403	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F 10% 25V				
C6408	1-165-908-11	CERAMIC CHIP	1 $\mu$ F 10% 10V				
C6410	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F 10% 16V				
C6411	1-125-891-11	CERAMIC CHIP	0.47 $\mu$ F 10% 10V				
C6500	1-112-744-61	MYLAR	1 $\mu$ F 10% 450V				
C6501	1-112-188-11	MYLAR	1.5 $\mu$ F 5% 450V				
C6503	1-112-188-11	MYLAR	1.5 $\mu$ F 5% 450V				
C6505	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V				
C6506	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V				
C6507	1-162-966-11	CERAMIC CHIP	0.0022 $\mu$ F 10% 50V				
C6508	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F 10% 25V				
C6510	1-107-902-11	ELECT	1 $\mu$ F 20% 50V				
C6511	1-164-315-11	CERAMIC CHIP	470pF 5% 50V				
C6512	1-162-959-11	CERAMIC CHIP	330pF 5% 50V				
C6517	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F 10% 25V				
C6518	1-107-908-11	ELECT	33 $\mu$ F 20% 50V				
C6519	1-107-906-11	ELECT	10 $\mu$ F 20% 50V				
C6521	1-107-906-11	ELECT	10 $\mu$ F 20% 50V				
<b>CONNECTOR</b>							
$\triangle$ * CN6000	1-793-660-11	PIN, CONNECTOR (PC BOARD)					
CN6001	1-695-915-11	TAB (CONTACT)					
CN6002	1-695-915-11	TAB (CONTACT)					
CN6003	1-695-915-11	TAB (CONTACT)					
* CN6202	1-785-708-11	PIN, CONNECTOR (PC BOARD)	12P				
CN6203	1-785-707-11	PIN, CONNECTOR (PC BOARD)	11P				
* CN6204	1-778-853-11	PIN, CONNECTOR (PC BOARD)	8P				
* CN6501	1-793-660-11	PIN, CONNECTOR (PC BOARD)					
* CN6502	1-793-660-11	PIN, CONNECTOR (PC BOARD)					
				<b>DIODE</b>			
				D6000	8-719-054-89	DIODE	D15XB60
				$\triangle$ D6100	8-719-081-67	DIODE	M1FM3
				D6101	6-500-137-01	DIODE	BAT54HT1
				D6102	8-719-017-89	DIODE	MA8150-TX
				D6104	8-719-979-64	DIODE	$\mu$ F4005/23
				$\triangle$ D6105	8-719-081-67	DIODE	M1FM3
				D6151	8-719-060-88	DIODE	D4SBS6
				D6152	6-501-545-01	DIODE	SG10SC6-F5
				$\triangle$ D6153	6-501-545-01	DIODE	SG10SC6-F5
				D6201	8-719-058-74	DIODE	05NU42-TPA2
				D6203	6-500-567-31	DIODE	10ERB20-TB3
				D6204	6-500-567-31	DIODE	10ERB20-TB3
				D6206	8-719-404-50	DIODE	MA111-TX
				D6250	8-719-510-02	DIODE	D1NS4
				D6303	8-719-404-50	DIODE	MA111-TX
				D6304	8-719-404-50	DIODE	MA111-TX
				D6308	8-719-404-50	DIODE	MA111-TX
				D6309	8-719-404-50	DIODE	MA111-TX
				D6310	8-719-404-50	DIODE	MA111-TX
				D6311	8-719-018-01	DIODE	MA8220-TX
				D6312	8-719-058-74	DIODE	05NU42-TPA2
				D6313	8-719-404-50	DIODE	MA111-TX
				D6400	8-719-017-89	DIODE	MA8150-TX
				D6401	8-719-404-50	DIODE	MA111-TX
				D6402	8-719-404-50	DIODE	MA111-TX
				D6404	8-719-404-50	DIODE	MA111-TX
				D6500	6-500-108-01	DIODE	EP05FA20
				D6501	6-500-108-01	DIODE	EP05FA20
				D6502	6-500-137-01	DIODE	BAT54HT1
				D6503	8-719-404-50	DIODE	MA111-TX
				D6506	6-501-871-01	DIODE	MA2DF600001S0
				D6511	8-719-404-50	DIODE	MA111-TX
				D6512	8-719-404-50	DIODE	MA111-TX
				D6513	6-500-137-01	DIODE	BAT54HT1
				ET6000	1-537-770-21	TERMINAL BOARD, GROUND	
				ET6001	1-537-770-21	TERMINAL BOARD, GROUND	
				ET6002	1-537-770-21	TERMINAL BOARD, GROUND	
				ET6003	1-537-770-21	TERMINAL BOARD, GROUND	
				<b>FUSE</b>			
				$\triangle$ F6000	1-576-233-51	FUSE	6.3A 250V



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REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES		
<b>FERRITE BEAD</b>				<b>COIL</b>					
FB6000	1-412-911-11	FERRITE	0 $\mu$ H	L6150	1-414-487-41	INDUCTOR	1 $\mu$ H		
FB6001	1-412-911-11	FERRITE	0 $\mu$ H	L6151	1-414-487-41	INDUCTOR	1 $\mu$ H		
FB6004	1-410-396-41	FERRITE	0.45 $\mu$ H	L6152	1-457-239-11	INDUCTOR	4.7 $\mu$ H		
FB6005	1-410-396-41	FERRITE	0.45 $\mu$ H	L6250	1-414-183-41	INDUCTOR	10 $\mu$ H		
FB6100	1-412-911-11	FERRITE	0 $\mu$ H	L6500	1-457-277-11	INDUCTOR	260 $\mu$ H		
FB6101	1-412-911-11	FERRITE	0 $\mu$ H	<b>PHOTO COUPLER</b>					
FB6150	1-412-911-11	FERRITE	0 $\mu$ H	PH6100	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF		
FB6151	1-412-911-11	FERRITE	0 $\mu$ H	PH6200	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF		
FB6152	1-412-911-11	FERRITE	0 $\mu$ H	PH6300	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF		
FB6153	1-412-911-11	FERRITE	0 $\mu$ H	PH6301	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF		
<b>FUSE HOLDER</b>				PH6302	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF		
$\triangle$ FH6000	1-533-223-11	FUSE HOLDER	0A	0V	<b>TRANSISTOR</b>				
$\triangle$ FH6001	1-533-223-11	FUSE HOLDER	0A	0V	$\triangle$ Q6100	6-551-302-01	TRANSISTOR	2SK3561(LBS1SONY,Q	
<b>IC</b>				$\triangle$ Q6101	6-551-302-01	TRANSISTOR	2SK3561(LBS1SONY,Q		
$\triangle$ IC6100	6-707-749-01	IC	CXD9841P	Q6300	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF		
IC6150	6-709-368-01	IC	MM1431ATT	(CN)	Q6301	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LF	
$\triangle$ IC6200	6-708-801-01	IC	MIP2H2	$\triangle$ Q6303	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE		
IC6250	6-709-442-01	IC	MM1530ATT	Q6304	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LF		
IC6300	6-709-368-01	IC	MM1431ATT	(CN)	Q6305	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LF	
IC6301	6-709-368-01	IC	MM1431ATT	(CN)	Q6306	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LF	
$\triangle$ IC6500	6-709-791-01	IC	L6562N	Q6307	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF		
<b>CHIP CONDUCTOR</b>				Q6405	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF		
JR6001	1-216-864-11	SHORT CHIP		Q6406	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LF		
JR6002	1-216-295-91	SHORT CHIP		Q6500	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LF		
JR6003	1-216-296-11	SHORT CHIP		Q6501	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF		
JR6004	1-216-295-91	SHORT CHIP		$\triangle$ Q6502	6-551-336-01	TRANSISTOR	2SK3934(LBS1SONY,Q		
JR6005	1-216-295-91	SHORT CHIP		$\triangle$ Q6503	6-551-336-01	TRANSISTOR	2SK3934(LBS1SONY,Q		
JR6006	1-216-864-11	SHORT CHIP		Q6504	8-729-820-90	TRANSISTOR	2SD1621-ST		
JR6007	1-216-296-11	SHORT CHIP		Q6505	8-729-804-41	TRANSISTOR	2SB1122-S		
JR6008	1-216-296-11	SHORT CHIP		Q6506	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF		
JR6009	1-216-296-11	SHORT CHIP		<b>RESISTOR</b>					
JR6010	1-216-296-11	SHORT CHIP		$\triangle$ R6009	1-240-251-11	METAL	6.8	5%	10W
JR6011	1-216-295-91	SHORT CHIP		R6014	1-216-857-11	METAL CHIP	1M	5%	1/10W
JR6012	1-216-295-91	SHORT CHIP		R6015	1-216-857-11	METAL CHIP	1M	5%	1/10W
JR6013	1-216-295-91	SHORT CHIP		R6100	1-218-885-11	METAL CHIP	39K	0.50%	1/10W
JR6014	1-216-295-91	SHORT CHIP		R6101	1-249-385-11	CARBON	2.2	5%	1/4W
JR6015	1-216-864-11	SHORT CHIP		R6102	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
JR6016	1-216-296-11	SHORT CHIP		R6103	1-218-827-11	METAL CHIP	150	0.50%	1/10W
				R6104	1-218-877-11	METAL CHIP	18K	0.50%	1/10W
				R6106	1-208-854-11	METAL CHIP	1M	0.50%	1/10W
				R6107	1-208-854-11	METAL CHIP	1M	0.50%	1/10W

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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		
R6108	1-208-854-11	METAL CHIP	1M	0.50%	1/10W	R6316	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6109	1-208-854-11	METAL CHIP	1M	0.50%	1/10W	R6317	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
$\triangle$ R6110	1-202-933-61	FUSIBLE	0.1	10%	1/2W	R6319	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6111	1-218-760-11	METAL CHIP	220K	0.50%	1/10W	R6320	1-218-903-11	METAL CHIP	220K	0.50%	1/10W
R6112	1-218-877-11	METAL CHIP	18K	0.50%	1/10W	R6321	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R6115	1-211-981-11	METAL CHIP	33	0.50%	1/10W	R6322	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6116	1-216-009-91	RES-CHIP	22	5%	1/10W	R6324	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6117	1-216-009-91	RES-CHIP	22	5%	1/10W	R6325	1-218-889-11	METAL CHIP	56K	0.50%	1/10W
R6118	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6326	1-216-849-11	METAL CHIP	220K	5%	1/10W
R6119	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6327	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6120	1-216-361-00	METAL OXIDE	0.22	5%	2W	R6328	1-218-911-11	METAL CHIP	470K	0.50%	1/10W
R6121	1-216-361-00	METAL OXIDE	0.22	5%	2W	R6329	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R6122	1-216-857-11	METAL CHIP	1M	5%	1/10W	R6332	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6123	1-218-847-11	METAL CHIP	1K	0.50%	1/10W	R6333	1-216-843-11	METAL CHIP	68K	5%	1/10W
R6150	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6334	1-208-814-91	METAL CHIP	22K	0.50%	1/10W
R6151	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6335	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
R6152	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6336	1-216-864-11	SHORT CHIP			
R6153	1-218-859-11	METAL CHIP	3.3K	0.50%	1/10W	R6337	1-208-814-91	METAL CHIP	22K	0.50%	1/10W
R6154	1-218-875-11	METAL CHIP	15K	0.50%	1/10W	R6404	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6155	1-216-845-11	METAL CHIP	100K	5%	1/10W	R6405	1-216-809-11	METAL CHIP	100	5%	1/10W
R6157	1-216-841-11	METAL CHIP	47K	5%	1/10W	R6408	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6158	1-249-389-11	CARBON	4.7	5%	1/4W	R6413	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6159	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W	R6415	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6201	1-218-865-11	METAL CHIP	5.6K	0.50%	1/10W	R6416	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6202	1-243-725-71	METAL OXIDE	100K	5%	1W	R6418	1-216-864-11	SHORT CHIP			
R6203	1-249-385-11	CARBON	2.2	5%	1/4W	R6420	1-216-817-11	METAL CHIP	470	5%	1/10W
R6250	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6429	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6251	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	R6430	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6252	1-216-805-11	METAL CHIP	47	5%	1/10W	R6433	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6253	1-218-887-11	METAL CHIP	47K	0.50%	1/10W	R6434	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6254	1-218-871-11	METAL CHIP	10K	0.50%	1/10W	R6435	1-216-864-11	SHORT CHIP			
R6255	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W	R6436	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6256	1-216-864-11	SHORT CHIP				R6437	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6300	1-216-835-11	METAL CHIP	15K	5%	1/10W	R6438	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6301	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6500	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
R6302	1-218-903-11	METAL CHIP	220K	0.50%	1/10W	R6501	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
R6303	1-218-885-11	METAL CHIP	39K	0.50%	1/10W	R6502	1-208-830-11	METAL CHIP	100K	0.50%	1/10W
R6304	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W	R6503	1-208-846-11	METAL CHIP	470K	0.50%	1/10W
R6305	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6504	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
R6309	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6505	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
R6310	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6506	1-218-913-91	METAL CHIP	560K	0.50%	1/10W
R6311	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W	R6507	1-218-865-11	METAL CHIP	5.6K	0.50%	1/10W
R6312	1-218-887-11	METAL CHIP	47K	0.50%	1/10W	R6508	1-218-881-11	METAL CHIP	27K	0.50%	1/10W
R6313	1-216-864-11	SHORT CHIP				R6510	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R6315	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R6511	1-216-817-11	METAL CHIP	470	5%	1/10W

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		
R6512	1-215-882-00	METAL OXIDE	22	5%	2W	<b>H1</b>	<b>A-1220-318-A</b>	<b>H1 BOARD, MOUNTED</b>			
R6514	1-218-895-11	METAL CHIP	100K	0.50%	1/10W						
R6515	1-216-817-11	METAL CHIP	470	5%	1/10W						
R6516	1-218-871-11	METAL CHIP	10K	0.50%	1/10W						
R6517	1-218-851-11	METAL CHIP	1.5K	0.50%	1/10W						
R6518	1-218-887-11	METAL CHIP	47K	0.50%	1/10W						
R6520	1-216-833-11	METAL CHIP	10K	5%	1/10W						
R6521	1-216-833-11	METAL CHIP	10K	5%	1/10W						
$\triangle$ R6522	1-249-389-11	CARBON	4.7	5%	1/4W						
$\triangle$ R6523	1-249-389-11	CARBON	4.7	5%	1/4W						
R6524	1-243-550-71	METAL OXIDE	6.8	5%	2W	<b>H3</b>	<b>A-1220-319-A</b>	<b>H3 BOARD, MOUNTED</b>			
R6526	1-216-864-11	SHORT CHIP									
R6527	1-216-864-11	SHORT CHIP									
R6528	1-216-809-11	METAL CHIP	100	5%	1/10W						
R6529	1-249-393-11	CARBON	10	5%	1/4W						
R6530	1-208-840-11	METAL CHIP	270K	0.50%	1/10W						
R6531	1-218-760-11	METAL CHIP	220K	0.50%	1/10W						
R6532	1-218-760-11	METAL CHIP	220K	0.50%	1/10W						
R6533	1-218-760-11	METAL CHIP	220K	0.50%	1/10W						
R6534	1-208-834-11	METAL CHIP	150K	0.50%	1/10W						
R6535	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W						
R6536	1-218-823-11	METAL CHIP	100	0.50%	1/10W						
R6538	1-218-879-11	METAL CHIP	22K	0.50%	1/10W						
R6539	1-218-907-11	METAL CHIP	330K	0.50%	1/10W						
R6540	1-218-903-11	METAL CHIP	220K	0.50%	1/10W						
R6541	1-216-809-11	METAL CHIP	100	5%	1/10W						
R6542	1-218-903-11	METAL CHIP	220K	0.50%	1/10W						
R6543	1-211-954-11	METAL CHIP	12	0.50%	1/10W						
						<b>RELAY</b>					
RY6000	1-755-516-11	RELAY (AC POWER)				<b>CAPACITOR</b>					
						<b>TRANSFORMER</b>					
T6200	1-443-984-11	CONVERTER TRANSFORMER (SBT)				C320	1-112-781-11	CERAMIC CHIP	1 $\mu$ F	10%	10V
						<b>VARISTOR</b>					
VD6000	1-804-996-21	VARISTOR				C322	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
VD6001	1-804-996-21	VARISTOR				C323	1-126-205-11	ELECT CHIP	47 $\mu$ F	20%	6.3V
						<b>DIODE</b>					
						<b>IC</b>					
						D302	8-719-085-26	DIODE	CL-165HR/SYG-D-T		
						D305	8-719-085-26	DIODE	CL-165HR/SYG-D-T		
						D308	6-500-817-01	DIODE	(LED) SML-512UWT86		
						IC320	6-600-447-01	IC	TPS853(SONY)		

**H3** **H4** **U1**

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES			
<b>TRANSISTOR</b>					<b>U1</b>							
Q301	8-729-028-96	TRANSISTOR	DTC114EUA-T106									
Q302	8-729-028-96	TRANSISTOR	DTC114EUA-T106									
Q303	8-729-028-96	TRANSISTOR	DTC114EUA-T106									
Q304	8-729-028-96	TRANSISTOR	DTC114EUA-T106									
Q305	8-729-028-96	TRANSISTOR	DTC114EUA-T106									
Q320	6-551-699-01	TRANSISTOR	ISA1602AM1TP-1EF									
<b>RESISTOR</b>												
R301	1-216-821-11	METAL CHIP	1K	5%								1/10W
R302	1-216-821-11	METAL CHIP	1K	5%								1/10W
R303	1-216-821-11	METAL CHIP	1K	5%	1/10W							
R304	1-216-821-11	METAL CHIP	1K	5%	1/10W							
R305	1-216-825-11	METAL CHIP	2.2K	5%	1/10W							
R321	1-216-839-11	METAL CHIP	33K	5%	1/10W							
R322	1-216-821-11	METAL CHIP	1K	5%	1/10W							
R323	1-216-833-11	METAL CHIP	10K	5%	1/10W							
R325	1-216-864-11	SHORT CHIP										
R326	1-216-847-11	METAL CHIP	150K	5%	1/10W							
R327	1-216-864-11	SHORT CHIP										
R328	1-216-823-11	METAL CHIP	1.5K	5%	1/10W							
<b>A-1220-320-A H4 BOARD, MOUNTED</b>					<b>A-1220-504-C U1 BOARD, MOUNTED</b>							
<b>CAPACITOR</b>					<b>CAPACITOR</b>							
C401	1-162-960-11	CERAMIC CHIP	220pF	10%	50V	C200	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V	
C402	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V	C201	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V	
<b>CONNECTOR</b>					<b>CONNECTOR</b>							
* CN401	1-820-297-11	HEADER ASSEMBLY (PRINT PWB)				C202	1-112-781-11	CERAMIC CHIP	1µF	10%	10V	
<b>IC</b>					<b>CONNECTOR</b>							
IC401	6-600-502-01	HIC	GP1UE26RK0VF			C203	1-162-970-11	CERAMIC CHIP	0.01µF	10%	25V	
<b>RESISTOR</b>					<b>DIODE</b>							
R401	1-216-817-11	METAL CHIP	470	5%	1/10W	C206	1-100-912-11	CERAMIC CHIP	1µF	10%	25V	
R402	1-216-805-11	METAL CHIP	47	5%	1/10W	C209	1-100-912-11	CERAMIC CHIP	1µF	10%	25V	
					* CN201 1-819-928-12 HEADER ASSEMBLY 20P							
					<b>EARTH TERMINAL</b>							
					ET201 1-780-482-11 EARTH TERMINAL							
					<b>JACK</b>							
					J201 1-780-489-11 S TERMINAL BLOCK (RIGHT)							
					J202 1-815-325-11 JACK							
					<b>RESISTOR</b>							
					R200 1-218-831-11 METAL CHIP 220 0.50% 1/10W							
					R201 1-218-831-11 METAL CHIP 220 0.50% 1/10W							
					R202 1-218-831-11 METAL CHIP 220 0.50% 1/10W							
					R203 1-216-809-11 METAL CHIP 100 5% 1/10W							
					R204 1-218-285-11 METAL CHIP 75 5% 1/10W							
					R205 1-216-809-11 METAL CHIP 100 5% 1/10W							
					R206 1-216-821-11 METAL CHIP 1K 5% 1/10W							
					R207 1-216-821-11 METAL CHIP 1K 5% 1/10W							
					R208 1-218-831-11 METAL CHIP 220 0.50% 1/10W							
					R209 1-218-831-11 METAL CHIP 220 0.50% 1/10W							
					R210 1-218-831-11 METAL CHIP 220 0.50% 1/10W							
					R211 1-216-809-11 METAL CHIP 100 5% 1/10W							
					R212 1-216-857-11 METAL CHIP 1M 5% 1/10W							
					R213 1-216-825-11 METAL CHIP 2.2K 5% 1/10W							
					R215 1-216-857-11 METAL CHIP 1M 5% 1/10W							




**H4**



## 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](mailto:Service_Promotion@am.sony.com).*