

HISTORY INFORMATION FOR THE FOLLOWING MANUAL:

SERVICE MANUAL

EX2R CHASSIS

| <u>MODEL NAME</u> | <u>REMOTE COMMANDER</u> | <u>DESTINATION</u> |
|--------------------|-------------------------|--------------------|
| KDL-32XBR9 | RM-YD028 | US/CND |
| KDL-32XBR9 | RM-YD028 | MX/LATIN AMERICA |
| KDL-40V5100 | RM-YD028 | US/CND |
| KDL-40V5100 | RM-YD028 | MX/LATIN AMERICA |
| KDL-46V5100 | RM-YD028 | US/CND |
| KDL-46V5100 | RM-YD028 | MX/LATIN AMERICA |

ORIGINAL MANUAL ISSUE DATE: 2/2009

 : UPDATED ITEM

| <u>REVISION DATE</u> | <u>SUBJECT</u> |
|----------------------|--|
| 2/2009 | No revisions or updates are applicable at this time. |
| 2/2009 | KDL-32XBR9 ETC-Inverter MT Board P/N added to Exploded View. Replaced page 86. |
| 2/2009 | Updated Specification Section: Self-Diagnostic Function Description of LED Indicators. Replaced page 11. |
| | Updated Disassembly Section: 1-7. LCD Panel Removal. Replaced page 18. |
| 4/2009 | Updated Accessories and Packing. New AC Power Cords. Corrected Part description for Support Belt Kit and added contents. Added contents for Screw Bag Assy. Replaced page 112. |
| 9/2009 | Updated Exploded View Section to remove LCD Panel specific information. Replaced page 86. |

LCD DIGITAL COLOR TELEVISION

SONY[®]

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KDL-40V5100



RM-YD028

LCD DIGITAL COLOR TELEVISION

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SPECIFICATIONS

| | | | |
|--|---|-------------------------------------|--|
| Power Requirements | 120V AC, 60Hz | HDMI IN 1/2/3/4: | |
| Power Consumption (W) | | HDMI: | Video: 480i, 480p, 720p, 1080i, 1080p, 1080/24p Audio: Two channel linear PCM 32, 44.1 and 48 kHz, 16, 20 and 24 bits |
| In Use (Max) | 120W (KDL-32XBR9 only) 200W (KDL-40V5100 only) 245W (KDL-46V5100 only) | AUDIO | 500 mVrms (Typical) Impedance: 47 kilohms |
| In Standby | Less than 1 W | AUDIO OUT: | 500 mVrms (Typical) |
| VIDEO (IN) 1/2: | | DIGITAL AUDIO OUT (OPTICAL): | PCM optical signal |
| S Video (4-Pin Mini DIN (VIDEO 2 Only)) | Y: 1.0 Vp-p, 75 ohms unbalanced, sync negative C: 0.286 Vp-p (Burst signal), 75 ohms | PC IN: | D-sub 15-pin, analog RGB, 0.7 Vp-p, 75 ohms, positive |
| Video | 1 Vp-p, 75 ohms unbalanced, sync negative | PC AUDIO INPUT: | Stereo mini jack, 500 mVrms (Typical) Impedance: 47 kilohms |
| Audio | 500 mVrms (Typical) Impedance: 47 kilohms | | |
| COMPONENT IN 1/2: | | | |
| Y P_B P_R (Component Video) | Y: 1.0 Vp-p, 75 ohms unbalanced, sync negative P _B : 0.7 Vp-p, 75 ohms P _R : 0.7 Vp-p, 75 ohms Signal format: 480i, 480p, 720p, 1080i, 1080p | | |
| AUDIO | 500 mVrms (Typical) Impedance: 47 kilohms | | |

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HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing, LLC.

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U.S. Patent No. 5,717,422
U.S. Patent No. 6,816,141

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| | KDL-32XBR9 | KDL-40V5100 | KDL-46V5100 |
|-------------------------------------|--|--|--|
| Speaker Output | 10 W+ 10 W | | |
| Speaker/Full Range (2) | 35 X 175 | | |
| mm | 1 ^{7/16} x 7 | | |
| in | | | |
| Dimensions (W x H x D) | | | |
| with stand | 798 x 584 x 227 mm 31 ^{1/2} x 23 x 9 in | 987 x 684 x 271 mm 38 ^{7/8} x 27 x 10 ^{3/4} in | 1,123 x 772 x 323 mm 44 ^{1/4} x 30 ^{1/2} x 12 ^{3/4} in |
| without stand | 798 x 537 x 89 mm 31 ^{1/2} x 21 ^{1/4} x 3 ^{5/8} in | 987 x 638 x 93 mm 38 ^{7/8} x 25 ^{1/8} x 3 ^{3/4} in | 1,123 x 725 x 96 mm 44 ^{1/4} x 29 ^{5/8} x 3 ^{7/8} in |
| wall-mount hole pattern (mm) | 200 x 200 | | 300 x 300 |
| wall-mount screw size (mm) | M6 x 8-12 mm | | |
| Mass | | | |
| with stand | | | |
| kg | 13.4 kg | 18.6 kg | 25.5 kg |
| lbs | 29.6 lbs | 41.0 lbs | 56.2 lbs |
| without stand | | | |
| kg | 12.2 kg | 16.9 kg | 22.6 kg |
| lbs | 26.9 lbs | 37.3 lbs | 49.8 lbs |

All measurements are approximations.

Television system

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

Channel coverage

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

Antenna

75-ohm external terminal for RF inputs

Panel System

LCD (Liquid Crystal Display) Panel

Display Resolution (horizontal x vertical)

1,920 dots x 1,080 lines

Screen Size (measured diagonally)

~ 31.5" (KDL-32XBR9 only)
 ~ 40" (KDL-40V5100 only)
 ~ 46" (KDL-46V5100 only)

Supplied Accessories

Remote Commander RM-YD028
 Two Size AA (R6) Batteries
 Cable Holder (1 attached to the TV)
 Operating Instructions
 Quick Setup Guide
 Warranty Card
 Safety and Regulatory Booklet
 Attaching the Table-Top Stand Flyer
 Screws (4)

Optional Accessories

Connecting Cables
 Wall-Mount Bracket
 SU-WL500

WARNINGS AND CAUTIONS - ENGLISH

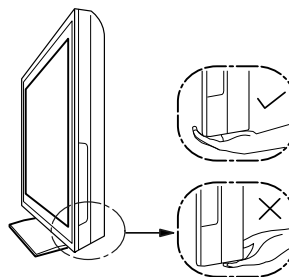
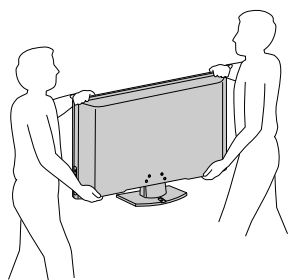
CAUTION

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

Be sure to follow these guidelines to protect your property and avoid causing serious injury.

- Carry the TV with an adequate number of people; larger size TVs require two or more people.
- Correct hand placement while carrying the TV is very important for safety and to avoid damages.




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.

WARNINGS AND CAUTIONS - FRENCH

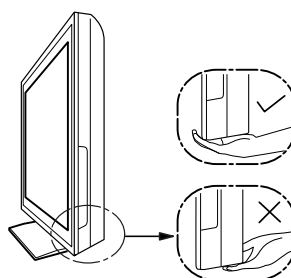
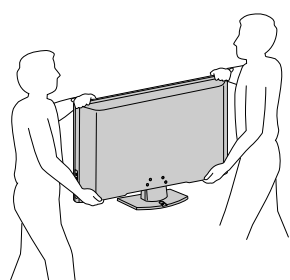
ATTENTION!!

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

Tenez compte de ce qui suit pendant l'installation du téléviseur :


- Débranchez tous les câbles avant de transporter le téléviseur.
- Transportez le téléviseur avec le nombre de personnes approprié ; un téléviseur de grande taille doit être transporté par au moins deux personnes.
- Lors du transport du téléviseur, l'emplacement des mains est très important pour votre sécurité, ainsi que pour éviter de causer des dommages.



ALERTE!!

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

ATTENTION AUX COMPOSANTS RELATIFS A LA SECURITE!!

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

SAFETY-RELATED COMPONENT WARNING

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

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

USE CAUTION WHEN HANDLING THE LCD PANEL

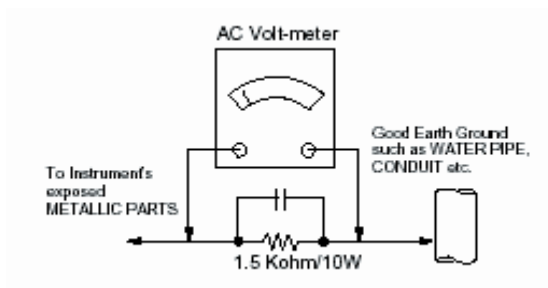
When repairing the LCD panel, be sure you are grounded by using a wrist band.

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

To avoid damaging the LCD panel:

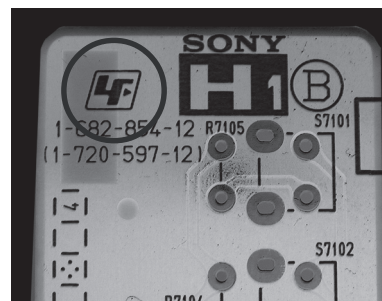
- do not press on the panel or frame edge to avoid the risk of electric shock.
- do not scratch or press on the panel with any sharp objects.
- do not leave the module in high temperatures or in areas of high humidity for an extended period of time.
- do not expose the LCD panel to direct sunlight.
-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

LEAKAGE CURRENT HOT CHECK CIRCUIT



example 1

The circuit boards used in these models have been processed using Lead Free Solder. The boards are identified by the LF logo located close to the board designation e.g. H1 etc [see example]. The servicing of these boards requires special precautions to be taken as outlined below.



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

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

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

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

SAFETY CHECK-OUT

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

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

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

1. A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instructions.
2. A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low voltage scale. The Simpson's 250 and Sanwa SH-63TRD are examples of passive VOMs that are suitable. Nearly all battery-operated digital multimeters that have a 2 VAC range are suitable (see Figure A).

How to Find a Good Earth Ground

A cold-water pipe is a guaranteed earth ground; the cover-plate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms.

If a cold-water pipe is not accessible, connect a 60- to 100-watt trouble-light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side on the line; the lamp should light at normal brilliance if the screw is at ground potential (see Figure B).

Leakage Test

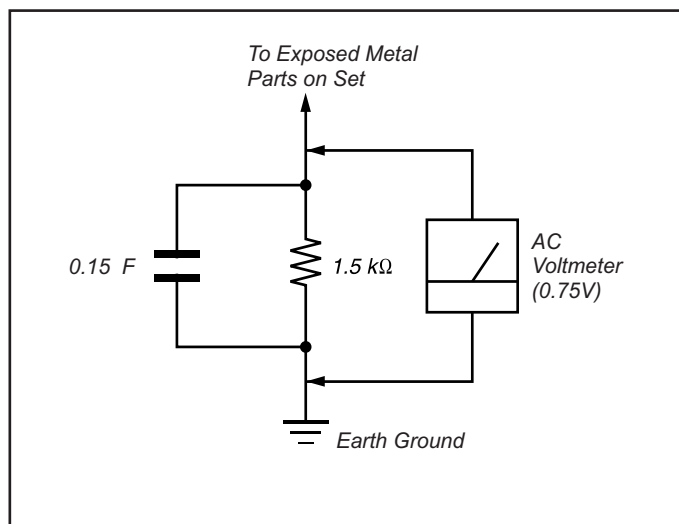


Figure A. Using an AC voltmeter to check AC leakage.

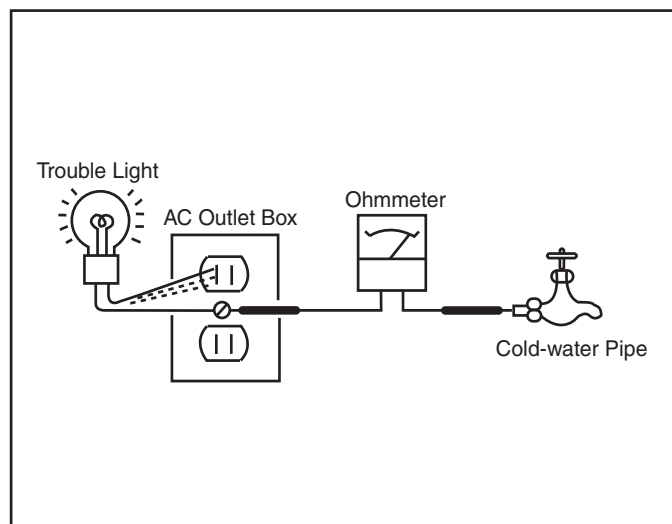


Figure B. Checking for earth ground.

SELF-DIAGNOSTIC FUNCTION

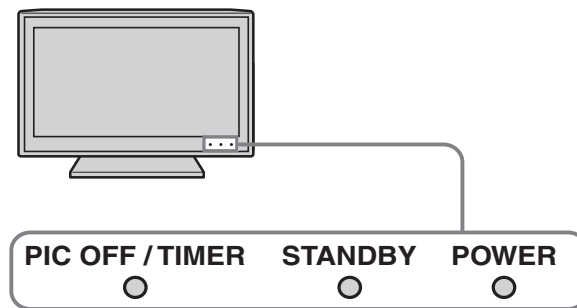
Self Diagnosis
Supported model

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

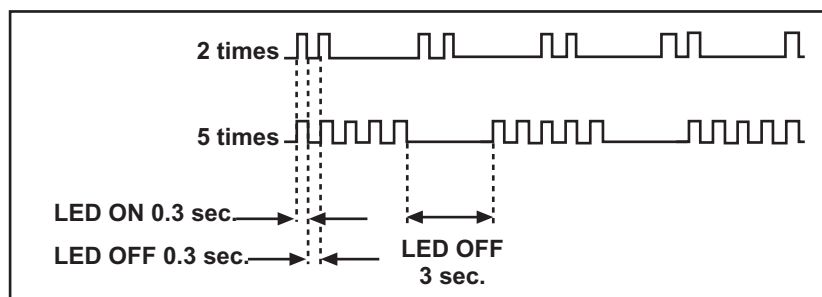
When an error occurs, the STANDBY LED indicator will flash a set number of times to indicate the possible cause of the problem. If there is more than one error, the indicator will identify the first of the problem areas.

LED Indicators



Description of LED Indicators

| LED | LED Type | Description |
|--------------------------|-----------------------|---|
| POWER LED | Green LED | * Lights up in green when the TV set is turned on. |
| STANDBY LED | Red LED | * Lights up in red when function PC Power Management is activated and there is no signal received while in the PC input. * If LED blinks continuously, this may indicate that the TV needs servicing. |
| PIC OFF/ TIMER LED | Green or Amber LED | * Lights up in amber when the Timer or Sleep functions are set. When the timer is set this LED will remain lit even if the TV is turned off. * Lights up in green when the Backlight feature is activated to Off . |



LED Indicators

| Diagnostic Item Description | Number of times STANDBY lamp flashes | Possible Location |
|-----------------------------|--------------------------------------|--|
| Main Power | 2 times | Power Supply Board G2CE Board (KDL-32XBR9 ONLY) IP1 Board (KDL-40V5100 ONLY) IP2 Board (KDL-46V5100 ONLY) |
| DC Alert1 | 3 times | BM3 (Main) Board Power Supply Board G2CE Board (KDL-32XBR9 ONLY) IP1 Board (KDL-40V5100 ONLY) IP2 Board (KDL-46V5100 ONLY) |
| TCON Error | 4 times | LCD Panel |
| HDMI | 5 times | BM3 (Main) Board |
| Backlight | 6 times | LCD Panel |
| Temp | 7 times | BM3 (Main) Board |
| HFR Error | 8 times | LCD Panel |

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:

[DISPLAY] → Channel [5] → Volume [+] → [TV POWER].

The Self Check list displays.

NOTE: This is the same as accessing Service Adjustments.

The BRAVIA logo displays momentarily, then the Service Mode list displays.

Service/ADC Auto Calibration

Version: ER2.6-C121 DTT: S255.P033.S077
Model: 40V5100
Serial : 8000016
Power on Time: 00000H

Diagnostic and Serial Update

ADC Auto Calibration
Clone User Setting
Direct Log to USB
Factory Default

+ Change
 RETURN Back
 MENU Exit

- To display the Self Diagnostic list, press +.

Service Mode/Product Information

Version: ER2.6-C121 DTT: S255.P033.S077
Model: 40V5100
Power on Time: 00000H

Serial : 8000016

Diagnostic Information

2-MAIN POWER: 1 ← 1 indicates an error was detected
3-DC ALERT1: 0 ← 0 indicates no error was detected
4-TCON: 0
5-HDMI: 0
6-Backlight: 0
7-TEMP: 0
8-HFR: 0
101-WDT: 0

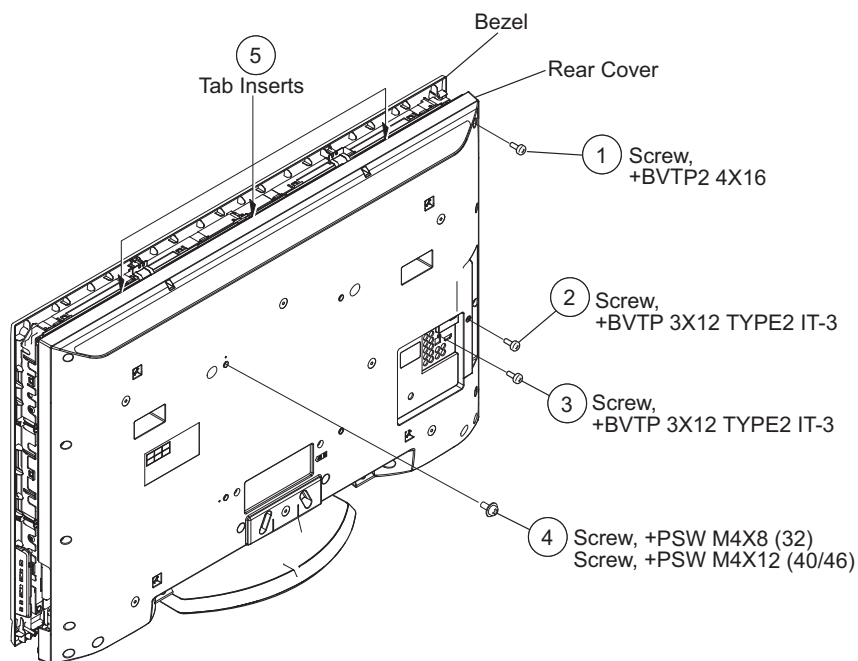
+ Change
 RETURN Back
 MENU Exit

- To exit Service Mode, press MENU.

SECTION 1: DISASSEMBLY

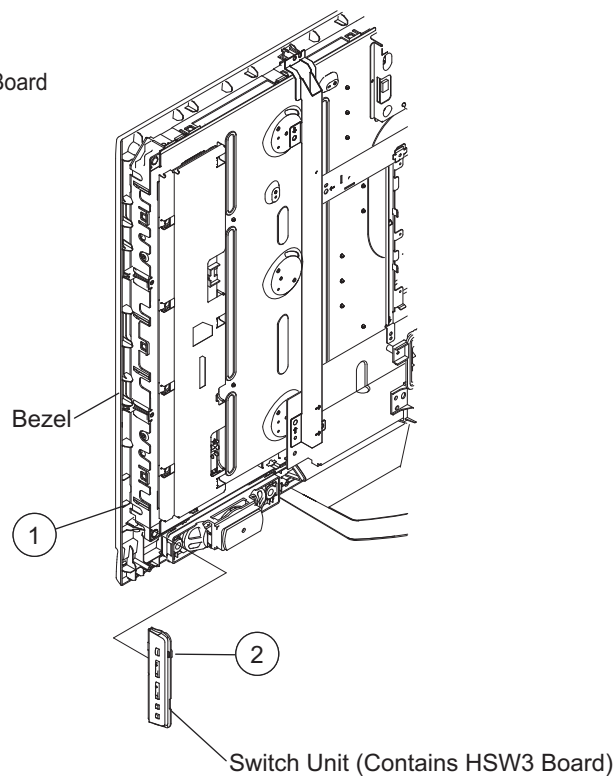
1-1. REAR COVER REMOVAL

- ① Remove 15 screws from Rear Cover (KDL-32XBR9 Only)
Remove 18 screws from Rear Cover (KDL-40V5100 Only)
Remove 20 screws from Rear Cover (KDL-46V5100 Only)
- ② Remove 1 screw from Side Jack position
- ③ Remove 1 screw from Terminal position
- ④ Remove 2 screws from Rear Cover (KDL-32XBR9 Only)
Remove 4 screws from Rear Cover (KDL-40V5100/46V5100 Only)
- ⑤ The Rear Cover is attached to the Bezel Assembly with three small tabs. Use caution when removing the Rear Cover to avoid damage to these tabs



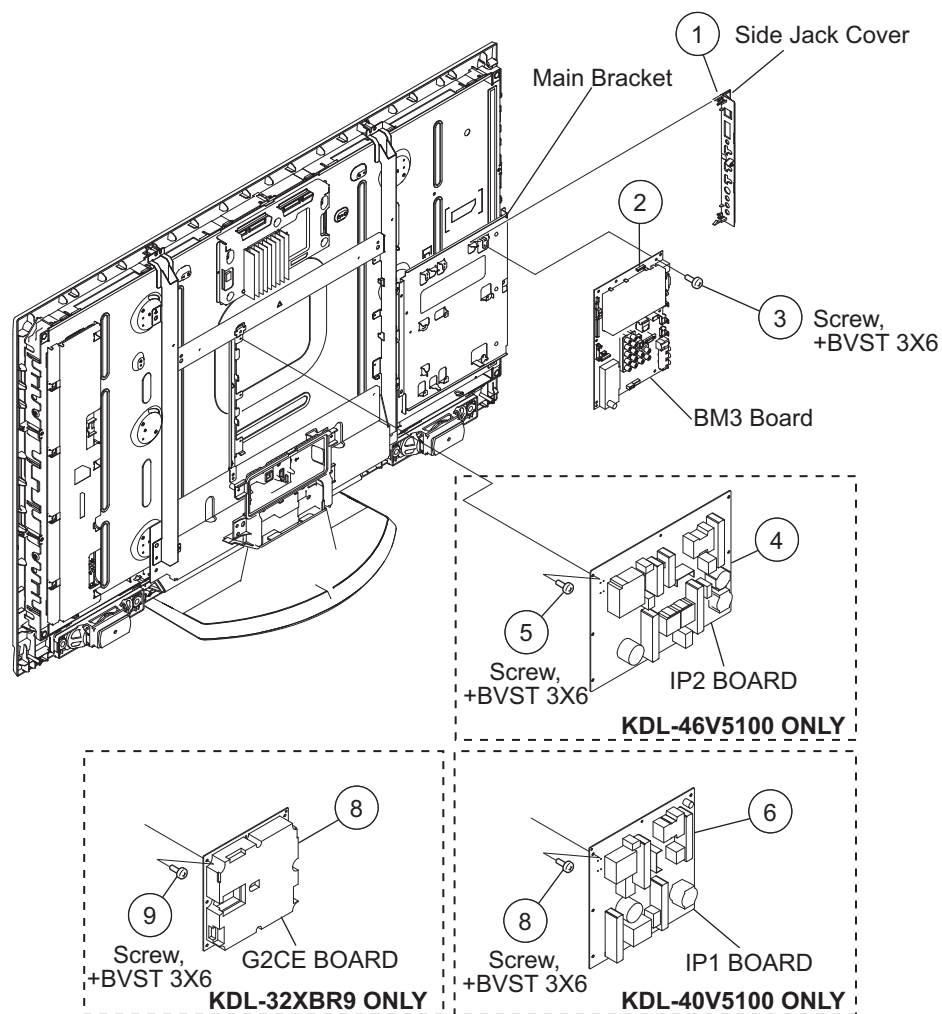
1-2. SWITCH UNIT REMOVAL

- ① Slide out Switch unit from Bezel
- ② Disconnect 1 connector from HSW3 Board



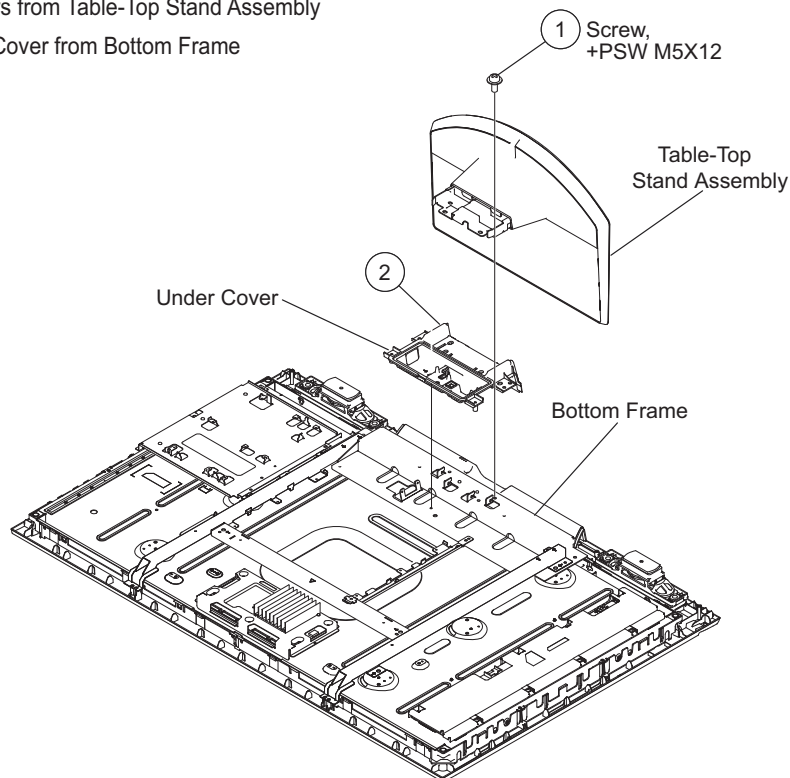
1-3. BM3 BOARD AND POWER BOARD REMOVAL

- ① Unhook Side Jack Cover from Main Bracket
- ② Disconnect 5 connectors from BM3 Board
- ③ Remove 9 screws from BM3 Board
- ④ Disconnect 5 connectors from IP2 Board (KDL-46V5100 Only)
- ⑤ Remove 6 screws from IP2 Board (KDL-46V5100 Only)
- ⑥ Disconnect 5 connectors from IP1 Board (KDL-40V5100 Only)
- ⑦ Remove 5 screws from IP1 Board (KDL-40V5100 Only)
- ⑧ Disconnect 3 connectors from G2CE Board (KDL-32XBR9 Only)
- ⑨ Remove 6 screws from G2CE Board (KDL-32XBR9 Only)



1-4. TABLE-TOP STAND ASSEMBLY AND UNDER COVER REMOVAL

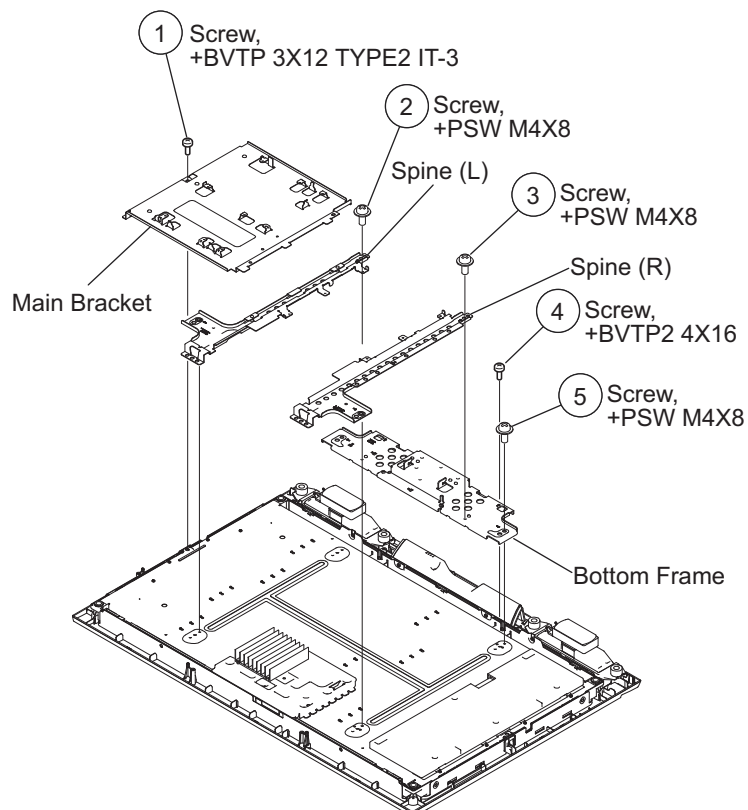
- ① Remove 4 screws from Table-Top Stand Assembly
- ② Remove Under Cover from Bottom Frame



1-5. STRUCTURAL PARTS REMOVAL

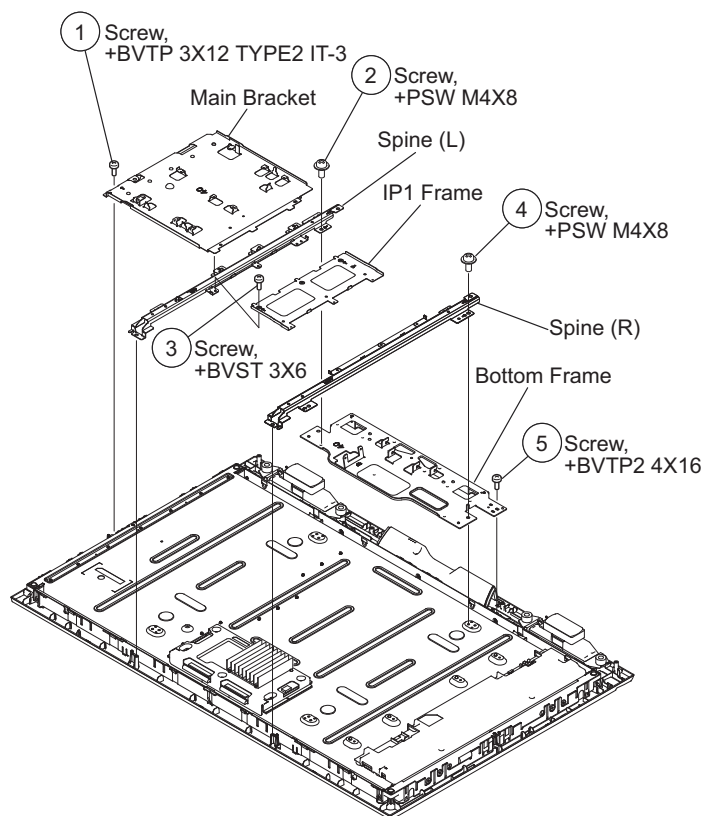
1-5-1. KDL-32XBR9

- ① Remove 1 screw from Main Bracket and Bezel
- ② Remove 2 screws from Spine (L)
- ③ Remove 2 screws from Spine (R)
- ④ Remove 2 screws from Bottom Frame
- ⑤ Remove 2 screws from Bottom Frame



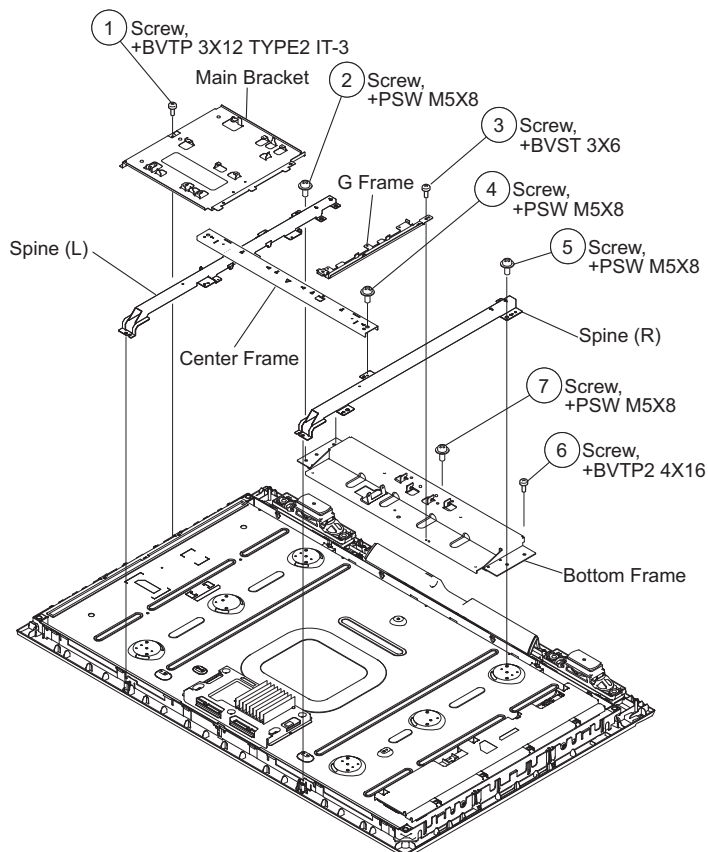
1-5-2. KDL-40V5100

- ① Remove 1 screw from Main Bracket and Bezel
- ② Remove 4 screws from Spine (L)
- ③ Remove 2 screws from IP1 Frame
- ④ Remove 4 screws from Spine (R)
- ⑤ Remove 3 screws from Bottom Frame



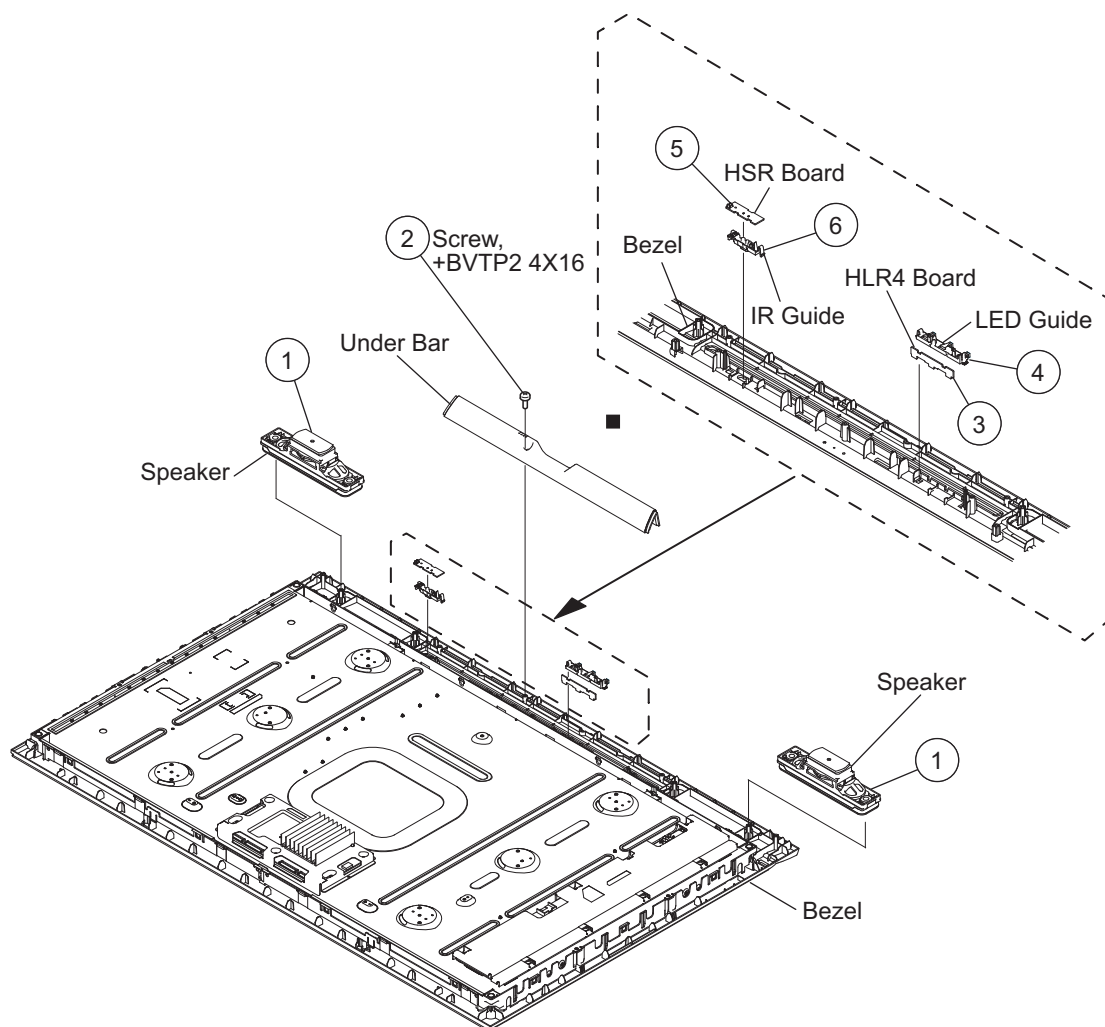
1-5-3. KDL-46V5100

- ① Remove 1 screw from Main Bracket and Bezel
- ② Remove 3 screws from Spine (L)
- ③ Remove 1 screw from G Frame
- ④ Remove 2 screws from Center Frame
- ⑤ Remove 3 screws from Spine (R)
- ⑥ Remove 3 screws from Bottom Frame
- ⑦ Remove 1 screw from Bottom Frame



1-6. LOUDSPEAKER, UNDER BAR, IR GUIDE AND LED GUIDE REMOVAL

- ① Slide out both Speakers from Bezel
- ② Remove 1 screw from Under Bar
- ③ Disconnect 1 connector from HLR4 Board and release from LED Guide
- ④ Unhook and release LED Guide from Bezel
- ⑤ Disconnect 1 connector from HSR Board and release from IR Guide
- ⑥ Unhook and release IR from Bezel



1-7. LCD PANEL REMOVAL

CAUTION: When replacing the LCD Panel, you must also replace the Radiation sheet.
For part number information, refer to the Exploded View section of this manual.

① Remove LVDS connector and LVDS holder from T-CON and LCD panel

② Remove 2 screws and release LCD panel from Bezel

③ Disconnect 1 connector from Inverter Board

(KDL-32XBR9 Only)

Disconnect 2 connectors from Balancer Board

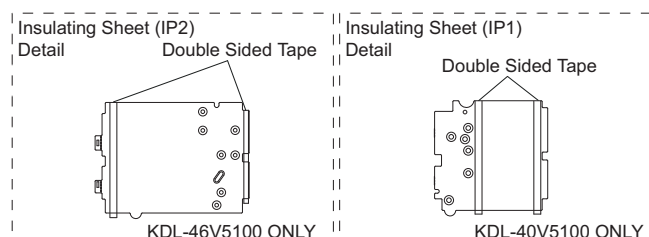
(KDL-40/46V5100 Only)

④ Remove 2 screws and detach Heat Sink from LCD Panel (KDL-32XBR9 Only)

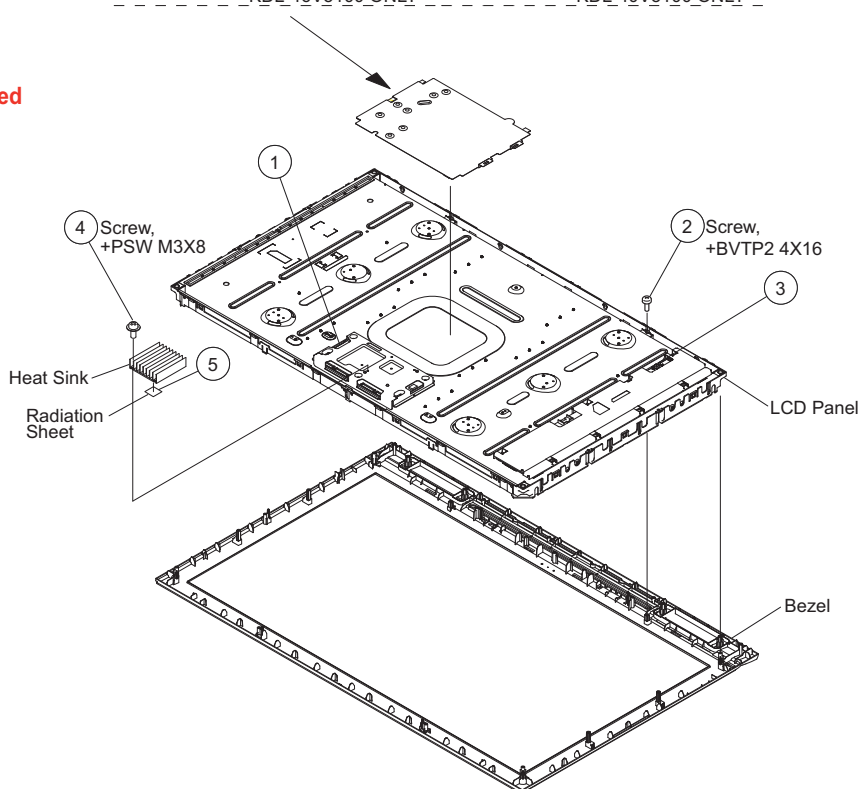
Remove 3 screws and detach Heat Sink

from LCD Panel (KDL-40V5100/46V5100 Only)

⑤ Gently remove Radiation Sheet



CAUTION: The LVDS cable can Only be installed one way. There is colored tape on the cable to determine which side is attached to the TCON and which side is attached to the BM3 Board.



1-7-1. CLEANING THE LCD PANEL

CAUTION: When cleaning the TV, be sure to unplug the power cord to avoid any chance of electric shock.

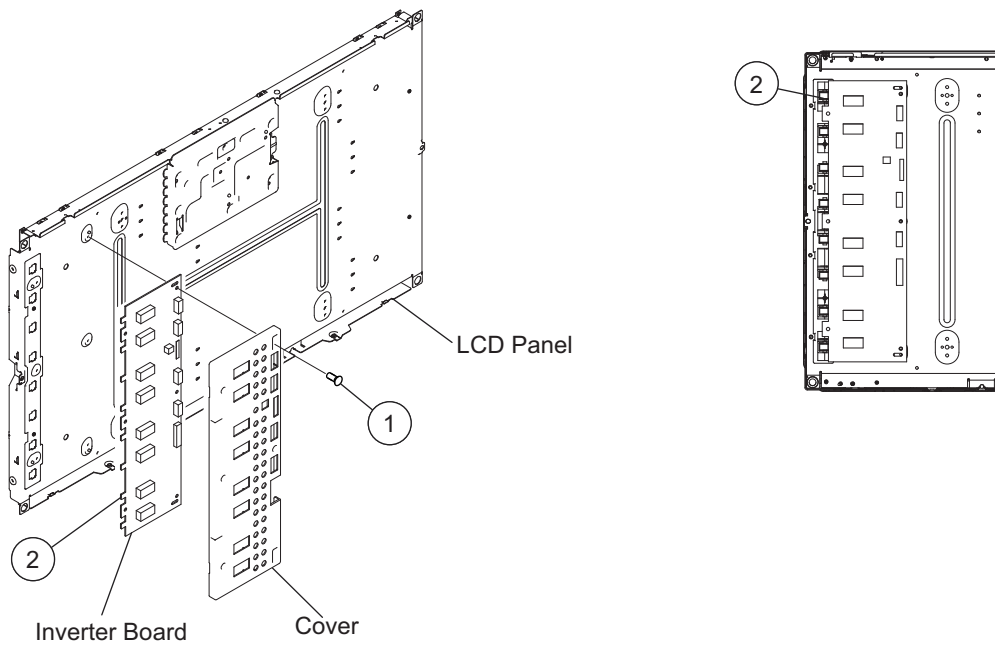
Clean the cabinet of the TV with a dry soft cloth.

Wipe the LCD screen gently with a soft cloth.

- Stubborn stains may be removed with a cloth slightly moistened with a solution of mild soap and warm water.
- If using a chemically pretreated cloth, please follow the instruction provided on the package.
- Never use strong solvents such as a thinner, alcohol or benzene for cleaning.
- Periodic vacuuming of the ventilation openings is recommended to ensure to proper ventilation.

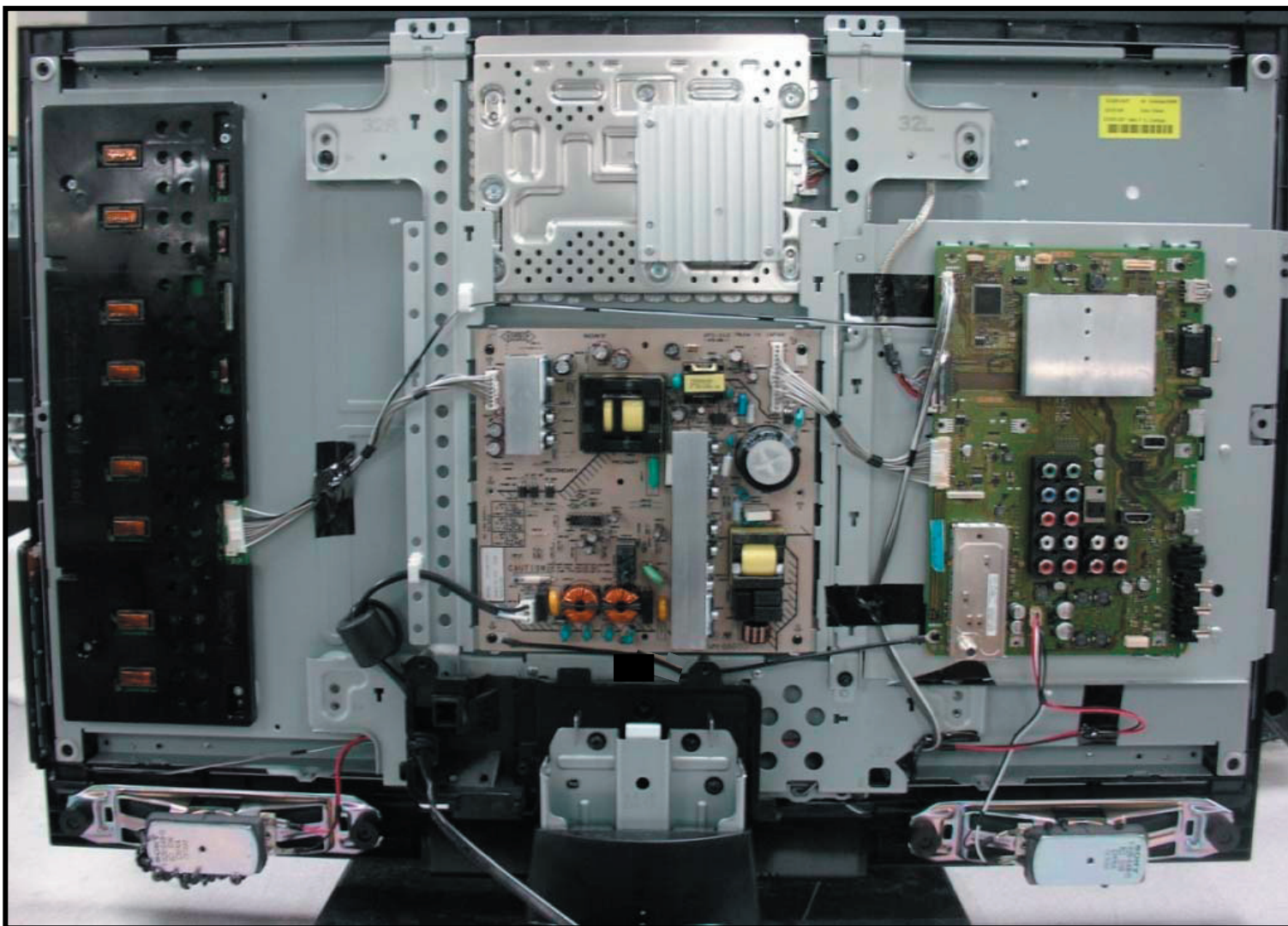
1-8. INVERTER BOARD REMOVAL (KDL-32XBR9 ONLY)

- ① Remove 6 screws from Inverter Board Cover
- ② Slide out Inverter Board from Light Sockets



WIRE DRESSING






KDL-32XBR9 ONLY
OVERALL ASSEMBLY

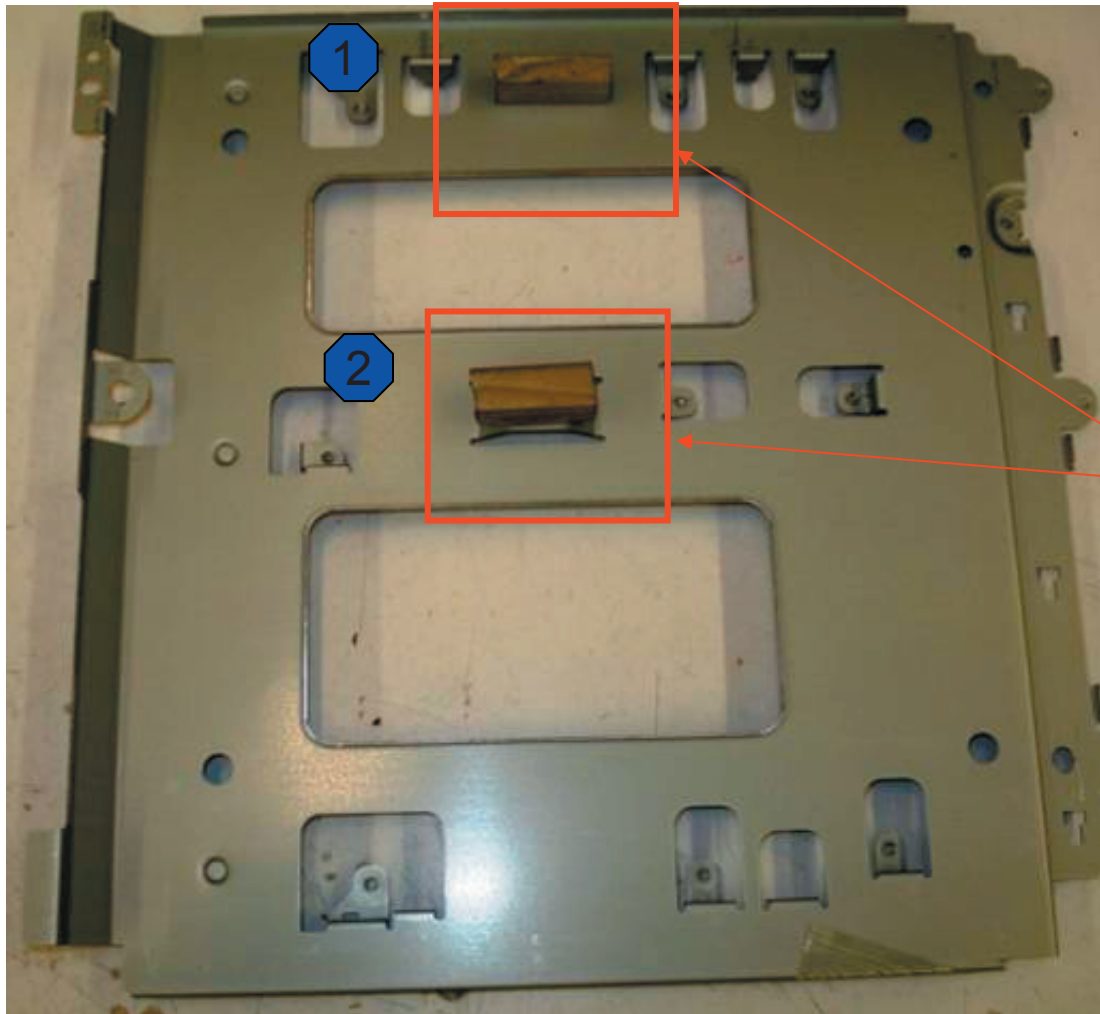


NOTE: THE TAPE COLOR ON THE LVDS CONNECTOR IS TO HELP DETERMINE THE CORRECT CONNECTION PLACEMENT

KDL-32XBR9 ONLY

LEGEND

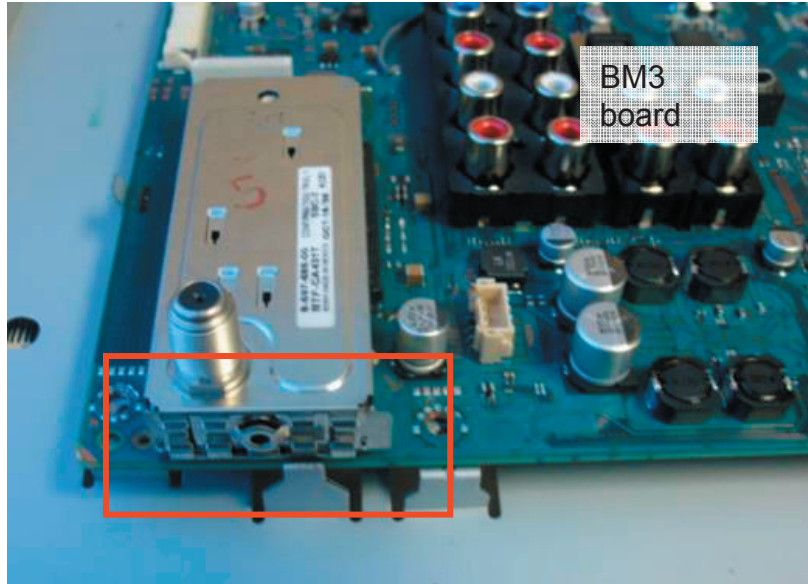
| Qty | Description | Symbol in dressing document |
|-----|----------------------------|---|
| 3 | T clamp |  |
| 13 | Tape(No.8915) 25mmx60mm |  |
| 1 | Cofab tape |  |
| 2 | Gasket |  |
| 1 | Cofab tape |  |



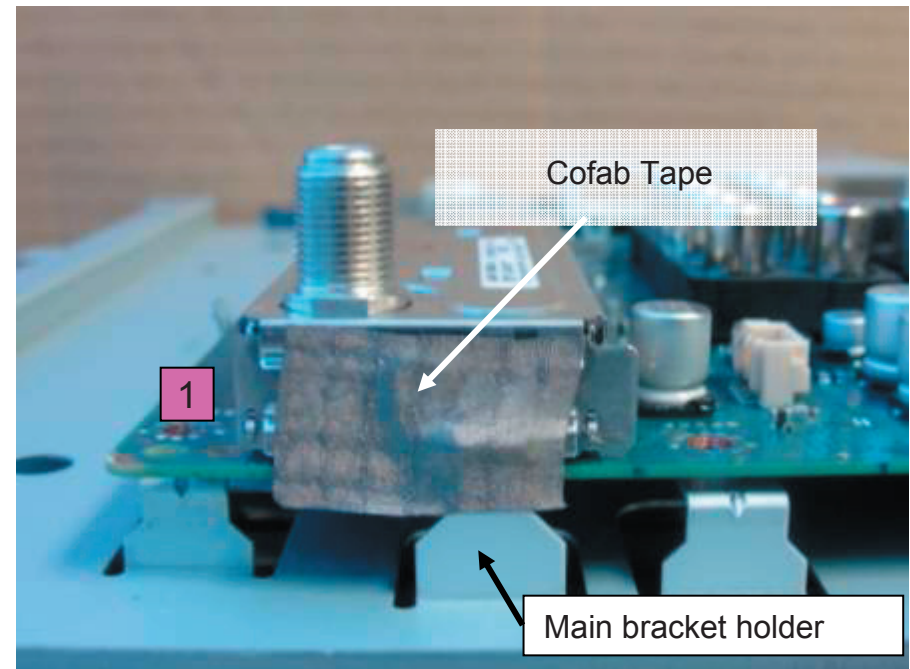
**INSERT THE GASKET OVER THE
BACK SIDE OF THE MAIN BRACKET**

KDL-32XBR9 ONLY






Cofab tape on tuner of BM3 board



Add cofab tape on tuner touching the main bracket holder







LEGEND

| Qty | Description | Symbol in dressing document |
|-----|-------------------------|---|
| 3 | T clamp |  |
| 13 | Tape(No.8915) 25mmx60mm |  |
| 1 | Cofab tape |  |
| 2 | Gasket |  |
| 1 | Cofab tape |  |

KDL-32XBR9 ONLY



LEGEND

| Qty | Description | Symbol in dressing document |
|-----|-------------------------|---|
| 3 | T clamp |  |
| 13 | Tape(No.8915) 25mmx60mm |  |
| 1 | Cofab tape |  |
| 2 | Gasket |  |
| 1 | Cofab tape |  |

LVDS Cable → from TCON to BM3/CN9102

The LVDS cable will be the first to be placed

Indications:

- Connect LVDS cable, Red tape ID to TCON and other side to CN9102 (BM3).
- Insert Cable Clamp 1
- Add Tapes  and 

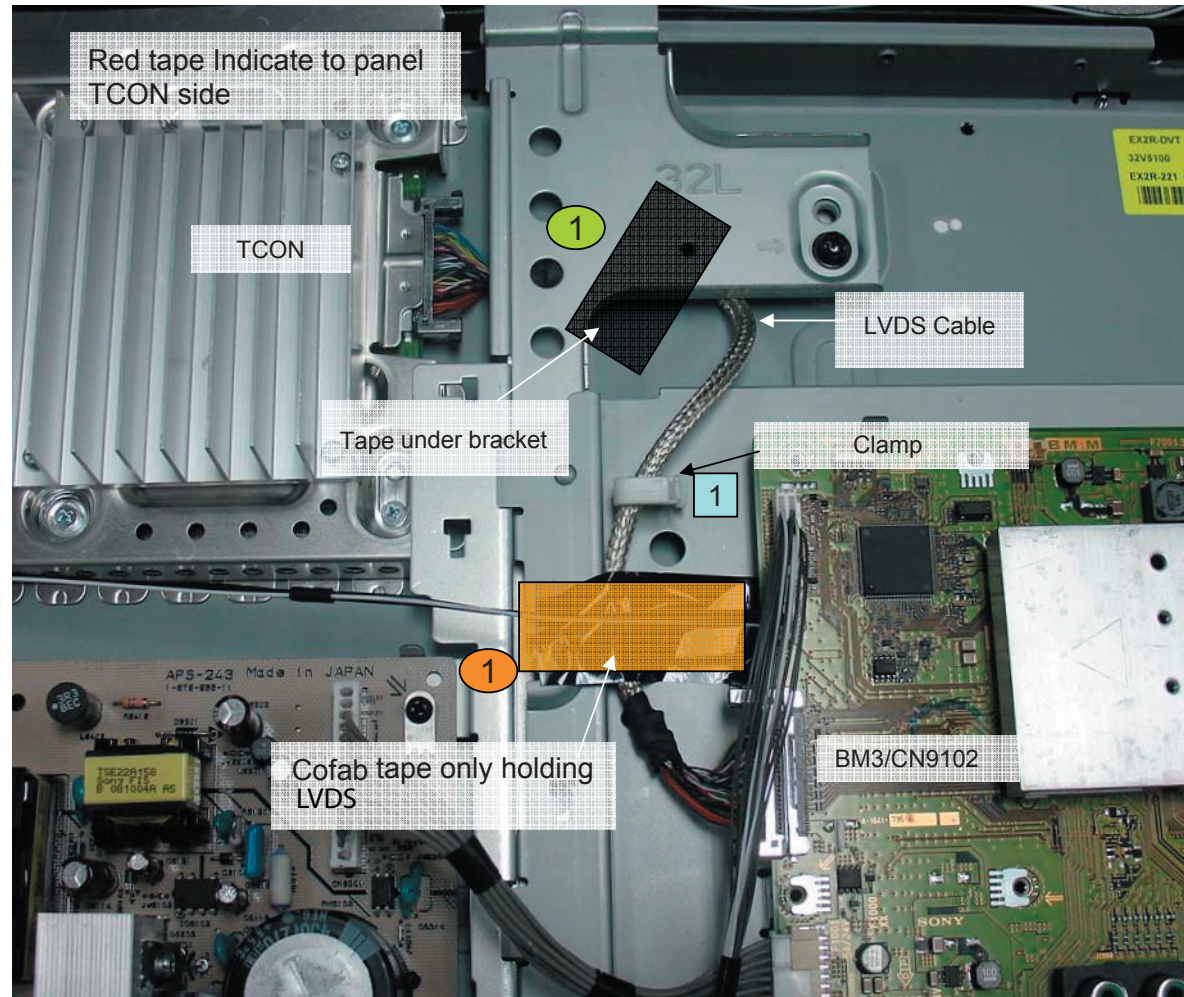
Caution Point

Avoid Trap jammed with metal or touch any edge

No stress the cable






Keep loose cable between connectors and tapes

Keep Tapes flat over the cable



KDL-32XBR9 ONLY

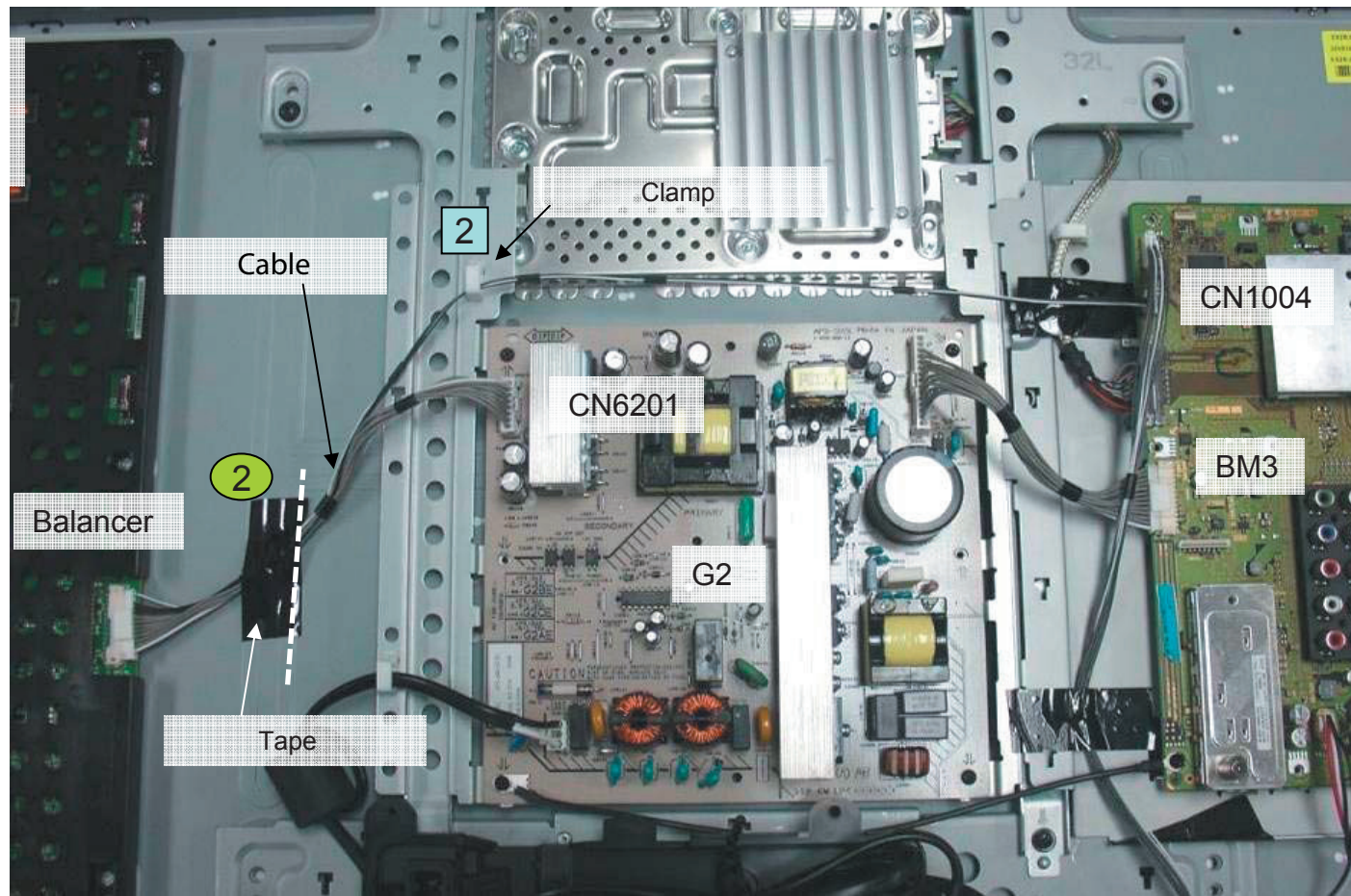
LEGEND

| Qty | Description | Symbol in dressing document |
|-----|----------------------------|---|
| 3 | T clamp |  |
| 13 | Tape(No.8915) 25mmx60mm |  |
| 1 | Cofab tape |  |
| 2 | Gasket |  |
| 1 | Cofab tape |  |

Cable → from Balancer to G2/CN6201 and BM3/CN1004






Indications:

Add tape 2 taking by
reference panel lines

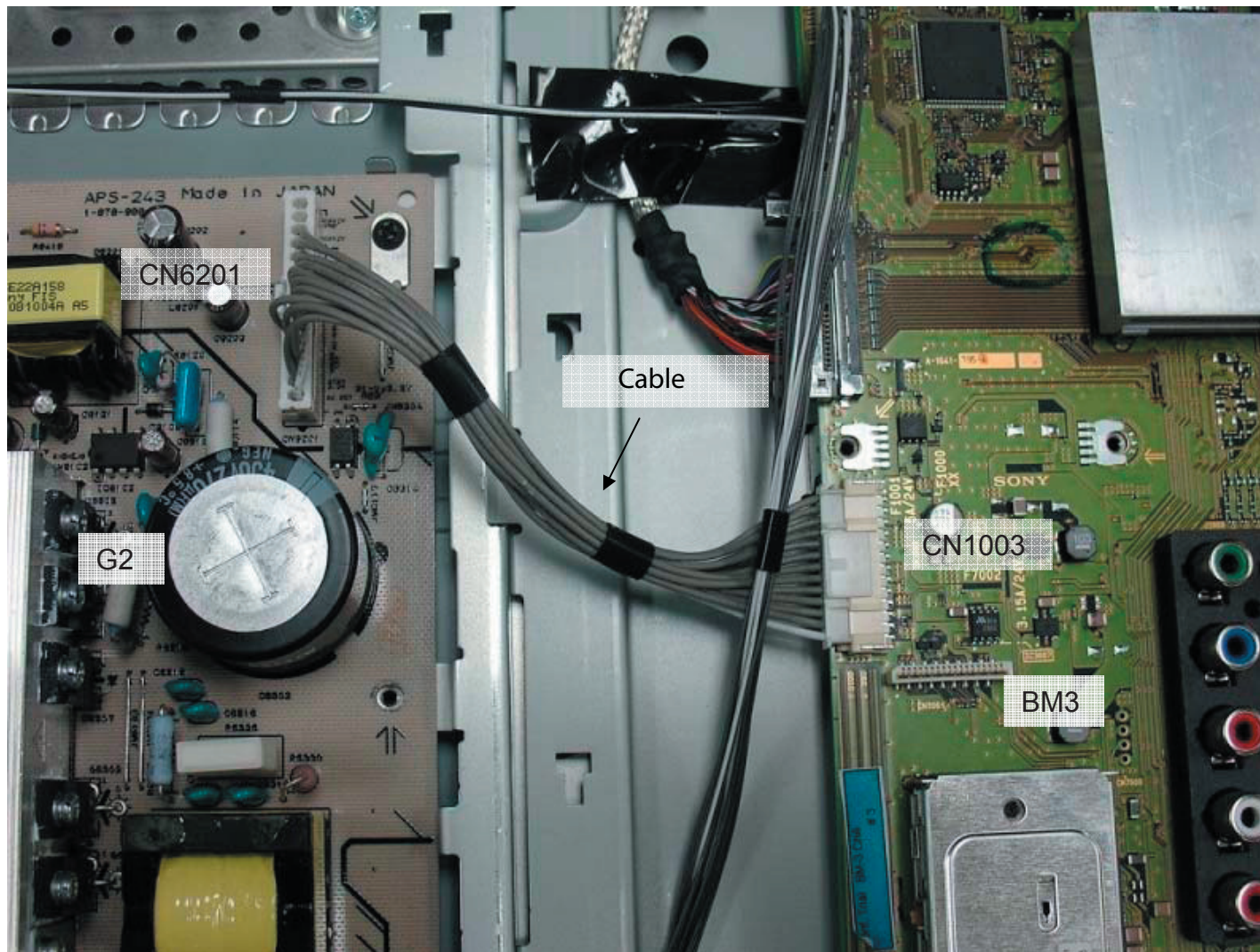


KDL-32XBR9 ONLY

LEGEND






| Qty | Description | Symbol in dressing document |
|-----|----------------------------|---|
| 3 | T clamp |  |
| 13 | Tape(No.8915) 25mmx60mm |  |
| 1 | Cofab tape |  |
| 2 | Gasket |  |
| 1 | Cofab tape |  |

Cable → from G2/CN6202 and BM3/CN1003



KDL-32XBR9 ONLY

LEGEND

| Qty | Description | Symbol in dressing document |
|-----|-------------------------|---|
| 3 | T clamp |  |
| 13 | Tape(No.8915) 25mmx60mm |  |
| 1 | Cofab tape |  |
| 2 | Gasket |  |
| 1 | Cofab tape |  |

Cable → from BM3/CN3004 to HSR, HLR4 and Switch unit

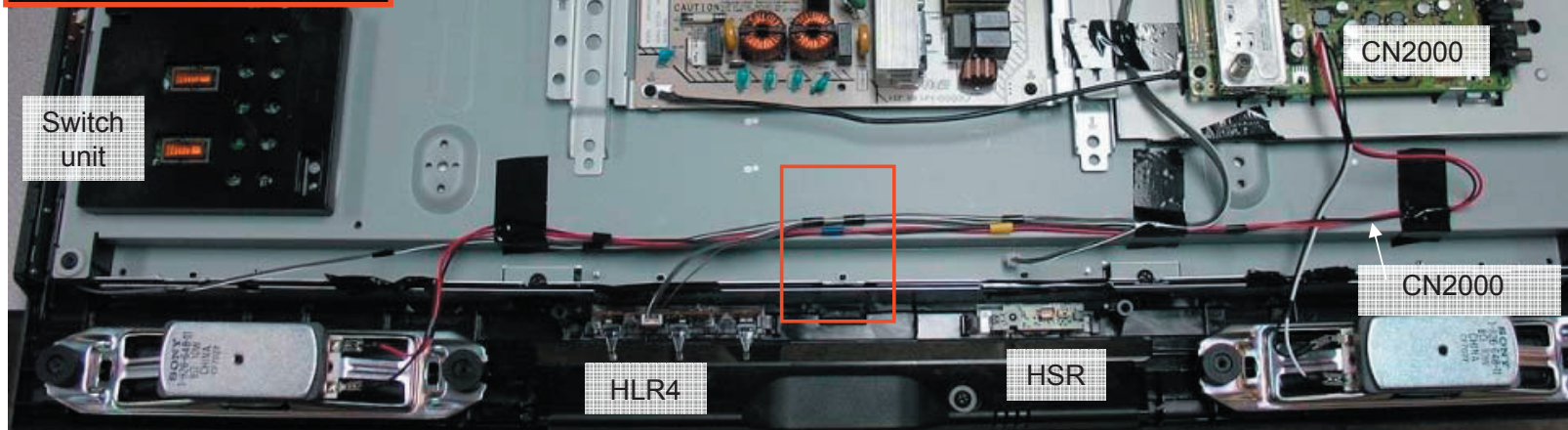
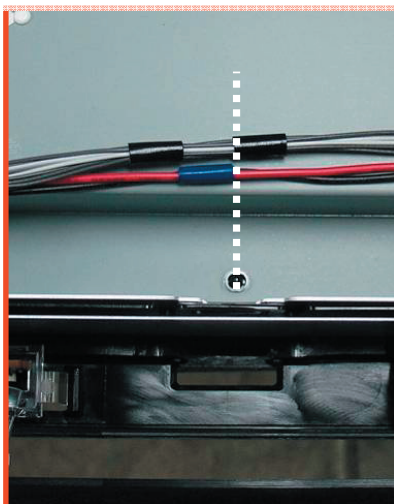
Cable → from BM3/CN2000 to Speakers terminals

Caution point: center reference shifted to the left 5mm

Indications:





- Connect the CN3004 cable to H's boards and Switch unit
- Connect the CN2000 cable to left and right speakers terminal
- To center harness CN2000, locate blue tape at center of panel (take dashed line as reference)
- To center harness CN3004, locate both tapes (Black tapes) as show in picture

- Place tapes as show in the next sliders



KDL-32XBR9 ONLY

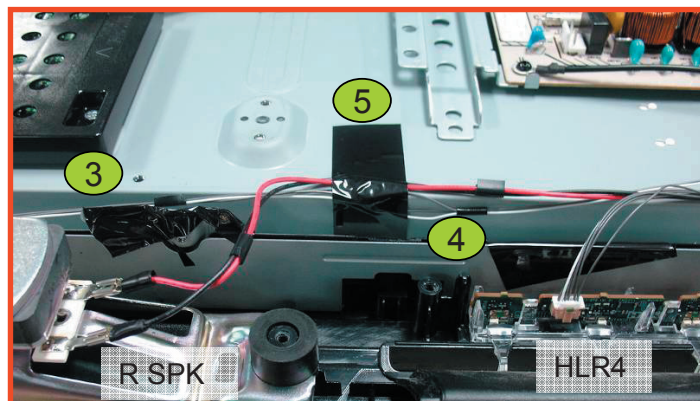
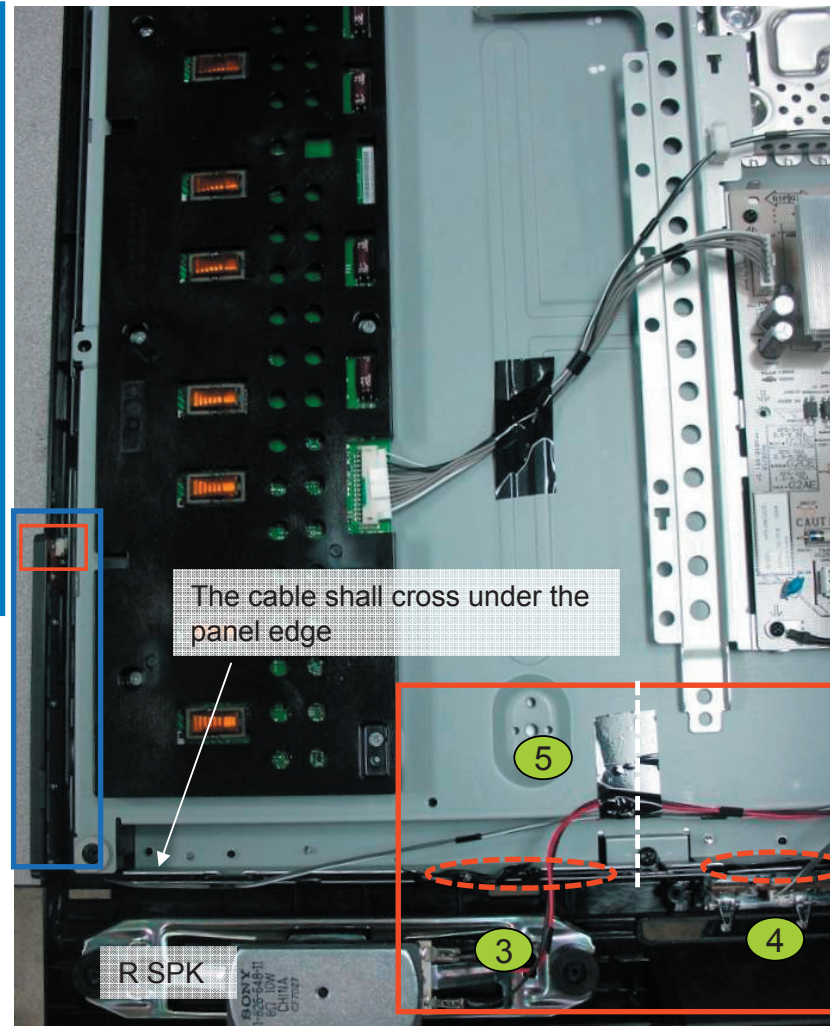
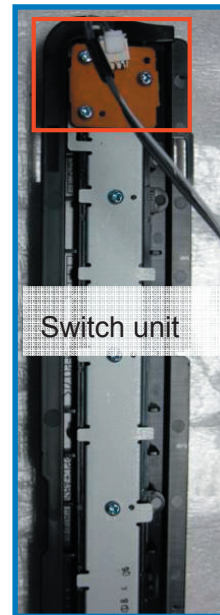
LEGEND

| Qty | Description | Symbol in dressing document |
|-----|----------------------------|---|
| 3 | T clamp |  |
| 13 | Tape(No.8915) 25mmx60mm |  |
| 1 | Cofab tape |  |
| 2 | Gasket |  |
| 1 | Cofab tape |  |

Cable → from BM3/CN3004 to HSR, HLR4 and Switch unit
 Cable → from BM3/CN2000 to Speakers terminals






Indications:

- The cables shall be connected to switch unit and HLR4 board
- Add tape 3 and 4 in diagonal to cover panel sharp edges
- Insert tape 5 taking by reference the dot line.



KDL-32XBR9 ONLY

LEGEND

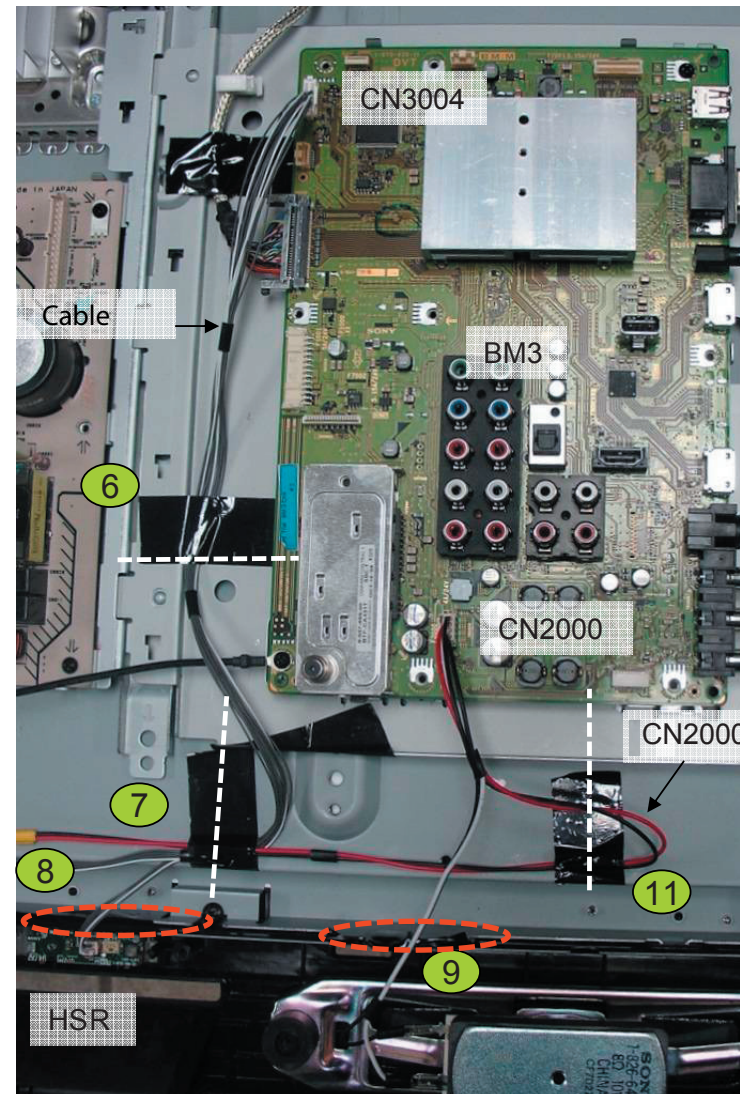
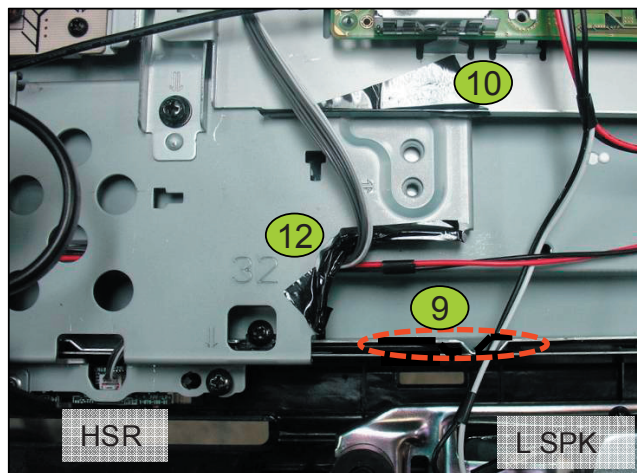
| Qty | Description | Symbol in dressing document |
|-----|----------------------------|---|
| 3 | T clamp |  |
| 13 | Tape(No.8915) 25mmx60mm |  |
| 1 | Cofab tape |  |
| 2 | Gasket |  |
| 1 | Cofab tape |  |

Cable → from BM3/CN3004 to HSR, HLR4 and Switch unit

Cable → from BM3/CN2000 to Speakers terminals






Indications:

- Insert tape 6 and 11 taking by reference the dot line.
- Add tape 7 holding both cables
- Add tape 8, 9 and 10 in diagonal to cover panel and main bracket sharp edges
- Add tape 12 in bracket to cover sharp edge

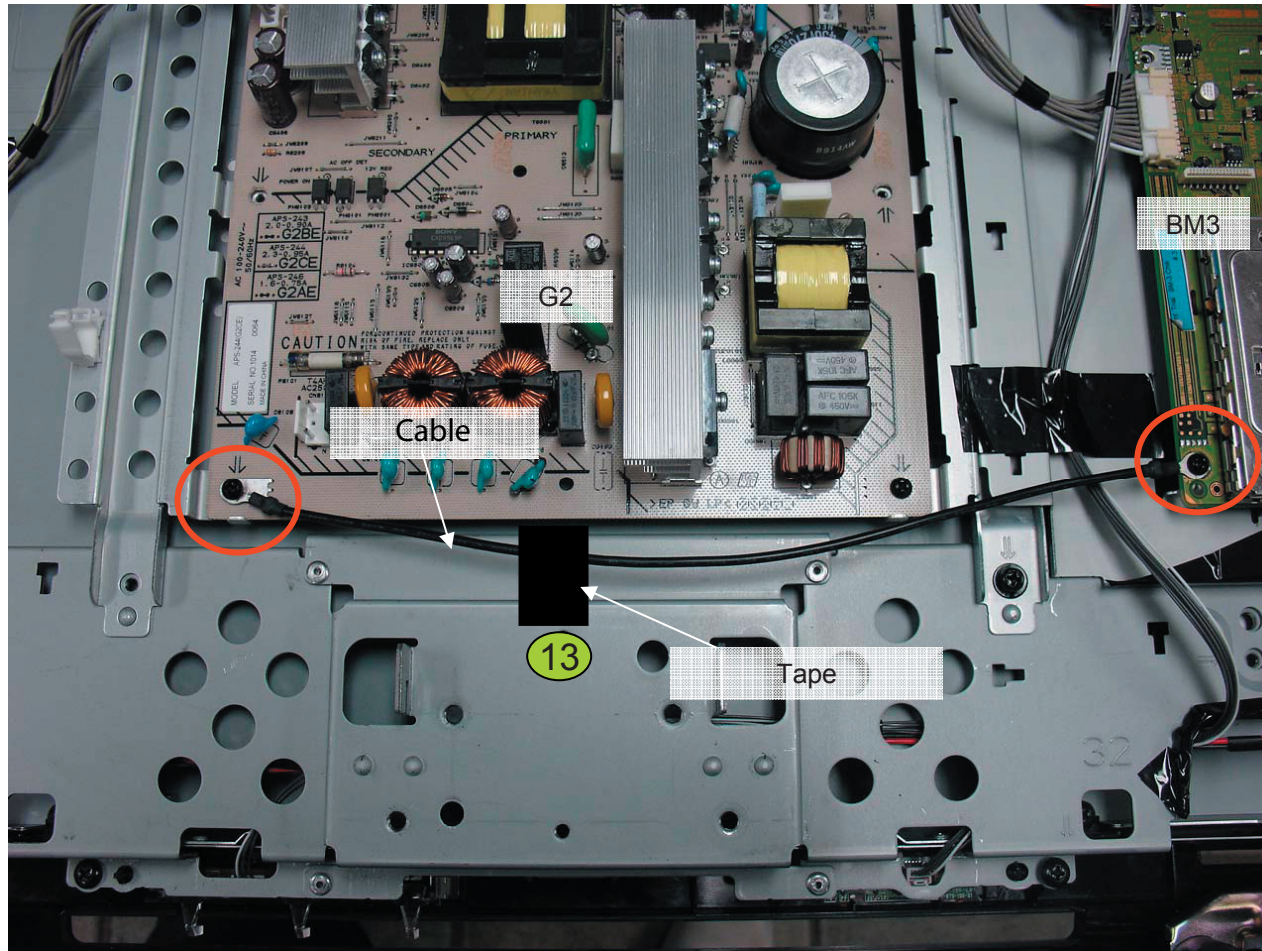


KDL-32XBR9 ONLY

LEGEND






| Qty | Description | Symbol in dressing document |
|-----|----------------------------|---|
| 3 | T clamp |  |
| 13 | Tape(No.8915) 25mmx60mm |  |
| 1 | Cofab tape |  |
| 2 | Gasket |  |
| 1 | Cofab tape |  |

Cable → Screw G2 to screw BM3

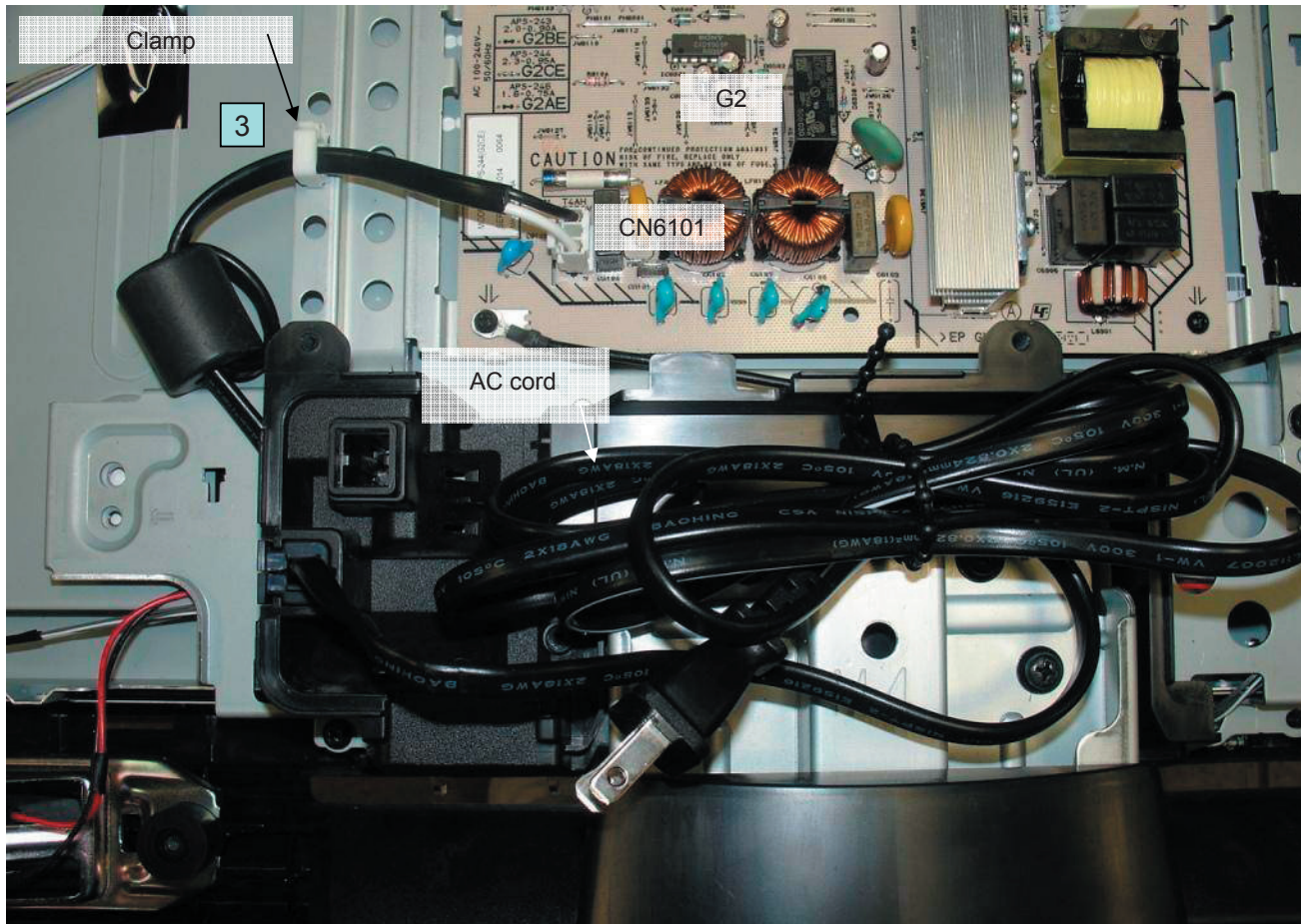


KDL-32XBR9 ONLY

LEGEND

| Qty | Description | Symbol in dressing document |
|-----|----------------------------|---|
| 3 | T clamp |  |
| 13 | Tape(No.8915) 25mmx60mm |  |
| 1 | Cofab tape |  |
| 2 | Gasket |  |
| 1 | Cofab tape |  |

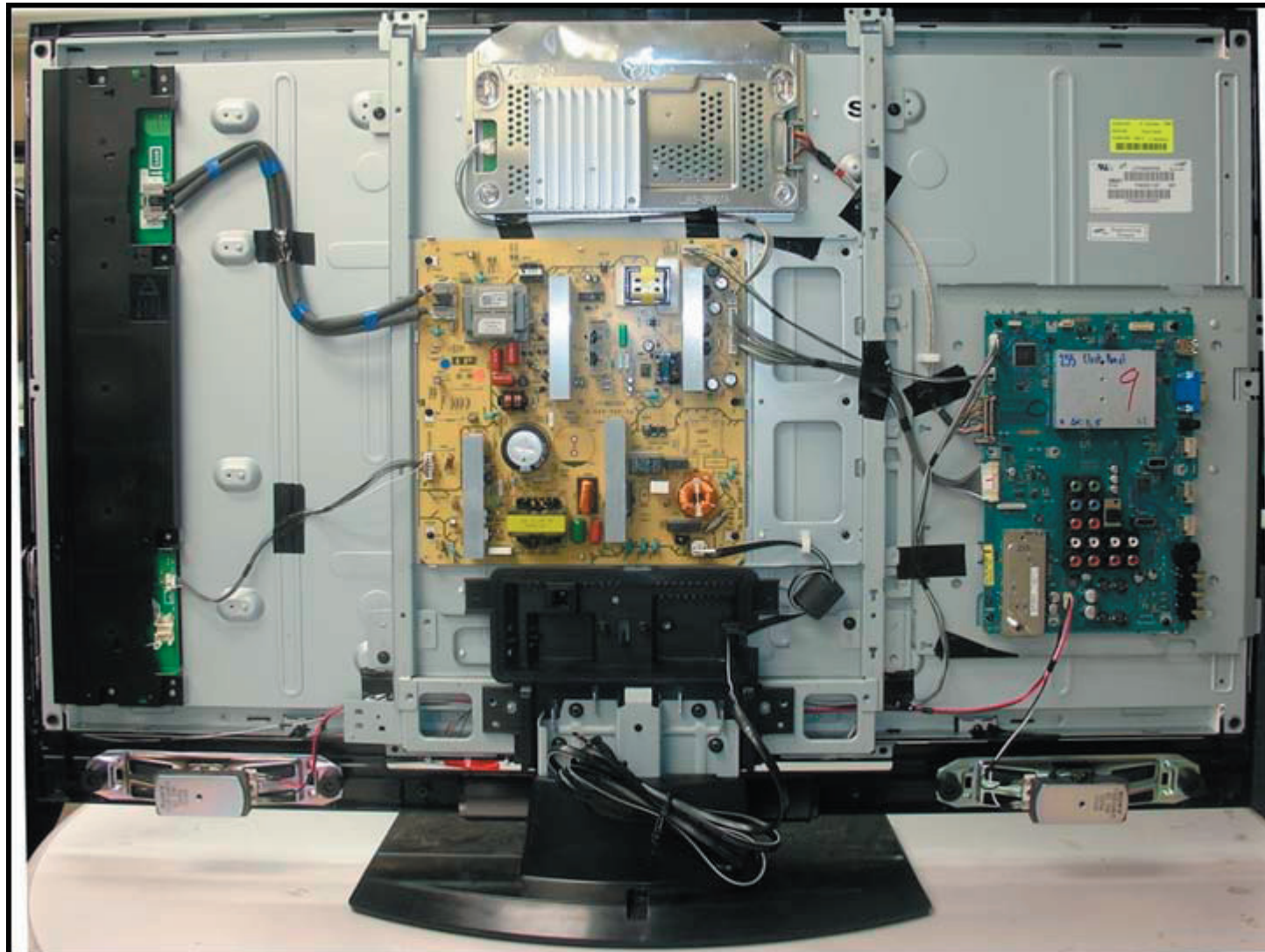
AC cord → G2/CN6101



AC Holder position









KDL-40V5100 ONLY
OVERALL ASSEMBLY

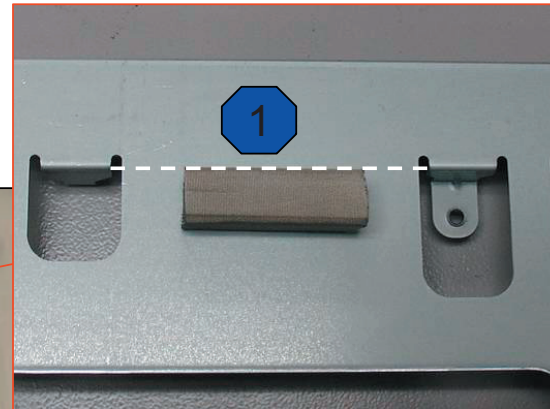


NOTE: THE TAPE COLOR ON THE LVDS CONNECTOR IS TO HELP DETERMINE THE CORRECT CONNECTION PLACEMENT

KDL-40V5100 ONLY







LEGEND

| Qty | Description | Symbol in dressing document |
|-----|------------------------|---|
| 2 | T clamp |  |
| 16 | Tape(No.8915) 25mmx6mm |  |
| 1 | Cofab tape |  |
| 1 | Himelon |  |
| 1 | Gasket |  |
| 1 | Cofab tape |  |



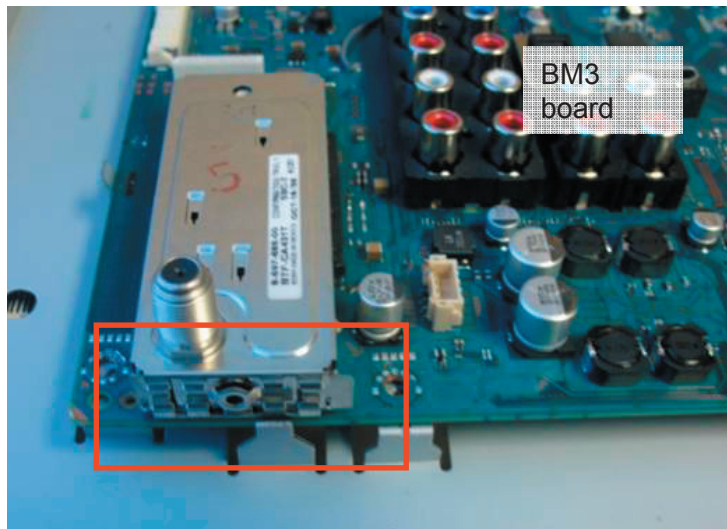
**INSERT THE GASKET OVER THE
BACK SIDE OF THE MAIN BRACKET**

LEGEND

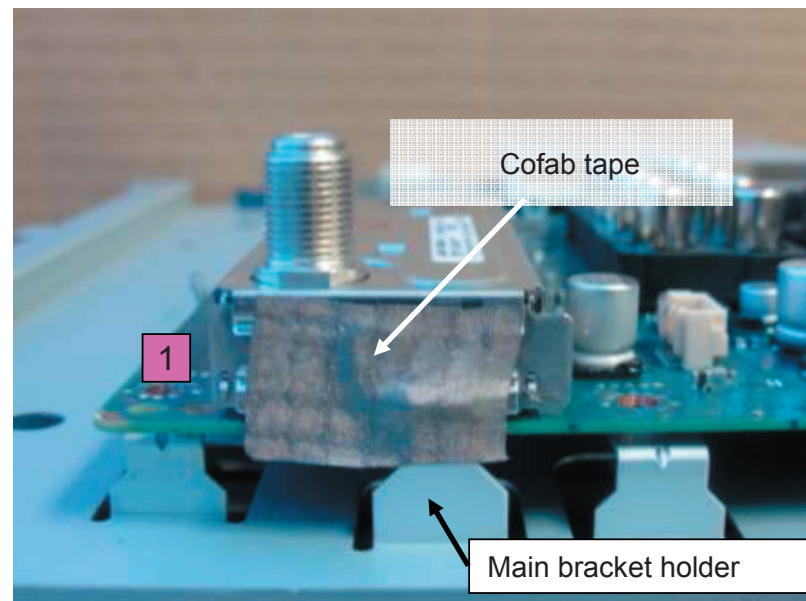
| Qty | Description | Symbol in dressing document |
|-----|------------------------|---|
| 2 | T clamp |  |
| 16 | Tape(No.8915) 25mmx6mm |  |
| 1 | Cofab tape |  |
| 1 | Himelon |  |
| 1 | Gasket |  |
| 1 | Cofab tape |  |

KDL-40V5100 ONLY







Cofab tape on tuner of BM3 board



Add cofab tape on tuner touching the main bracket holder



LEGEND

| Qty | Description | Symbol in dressing document |
|-----|------------------------|---|
| 2 | T clamp |  |
| 16 | Tape(No.8915) 25mmx6mm |  |
| 1 | Cofab tape |  |
| 1 | Himelon |  |
| 1 | Gasket |  |
| 1 | Cofab tape |  |

KDL-40V5100 ONLY



LVDS Cable → from TCON to BM3/CN9102

The LVDS cable will be the first to be placed

Indications:

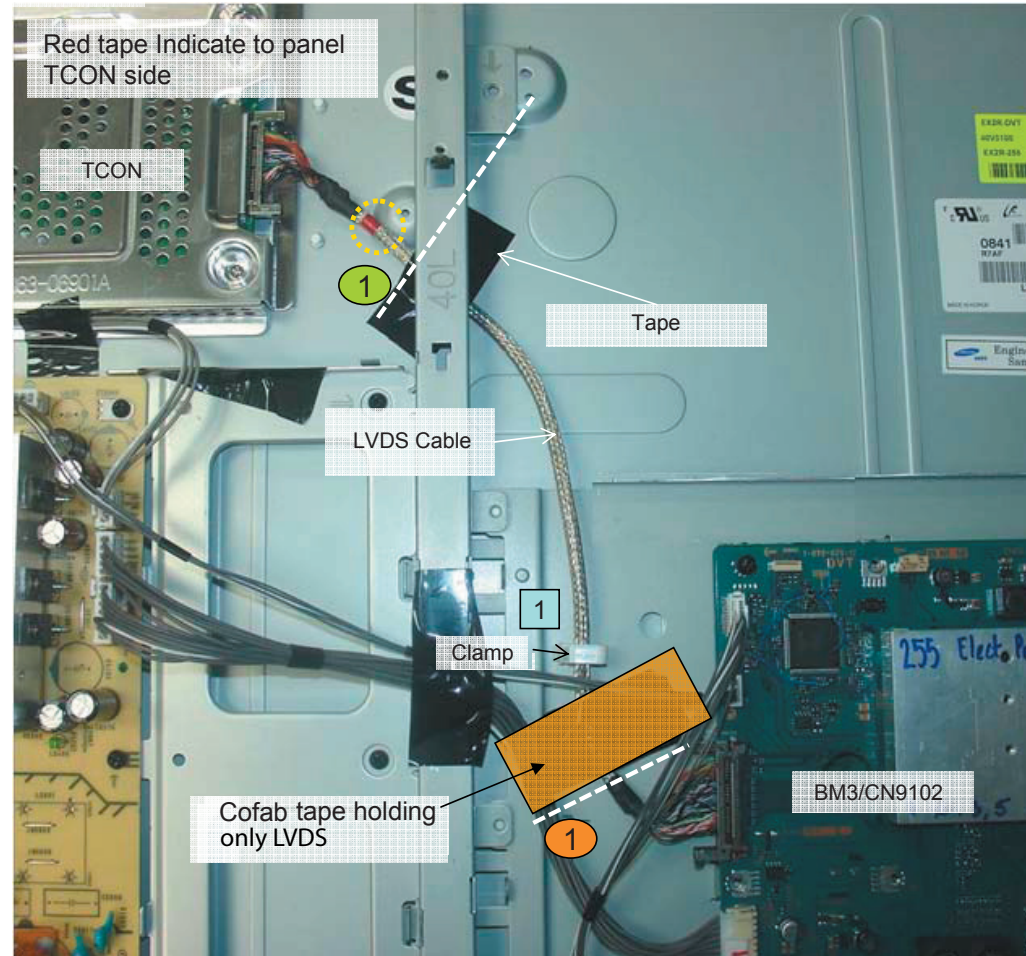
- Connect LVDS cable, Red tape ID to TCON and other side to CN9102 (BM3).

-Insert Cable Clamp 1

-Add Tape  and  taking by reference the dash lines.







Caution Point

- Avoid Trap jammed with metal or touch any edge
- No stress the cable
- Keep loose cable between connectors and tapes
- Keep Tapes flat over the cable



KDL-40V5100 ONLY

LEGEND

| Qty | Description | Symbol in dressing document |
|-----|------------------------|---|
| 2 | T clamp |  |
| 16 | Tape(No.8915) 25mmx6mm |  |
| 1 | Cofab tape |  |
| 1 | Himelon |  |
| 1 | Gasket |  |
| 1 | Cofab tape |  |

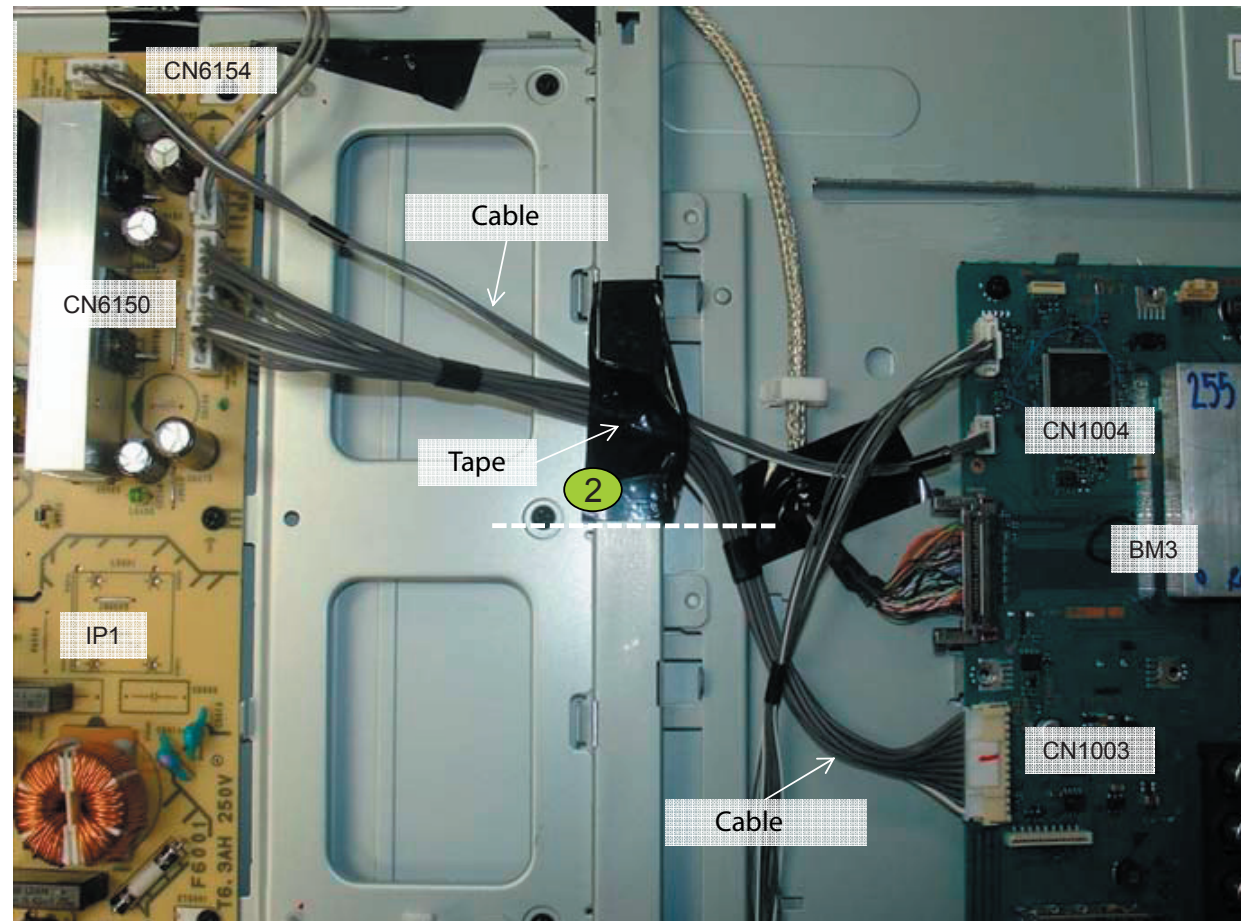
Cable → from IP1/CN6150 to BM3/CN1003

Cable → from IP1/CN6154 to BM3/CN1004

Indications :







-Connect cables

-Add tape 2 over both cables, taking by reference the dash lines



KDL-40V5100 ONLY

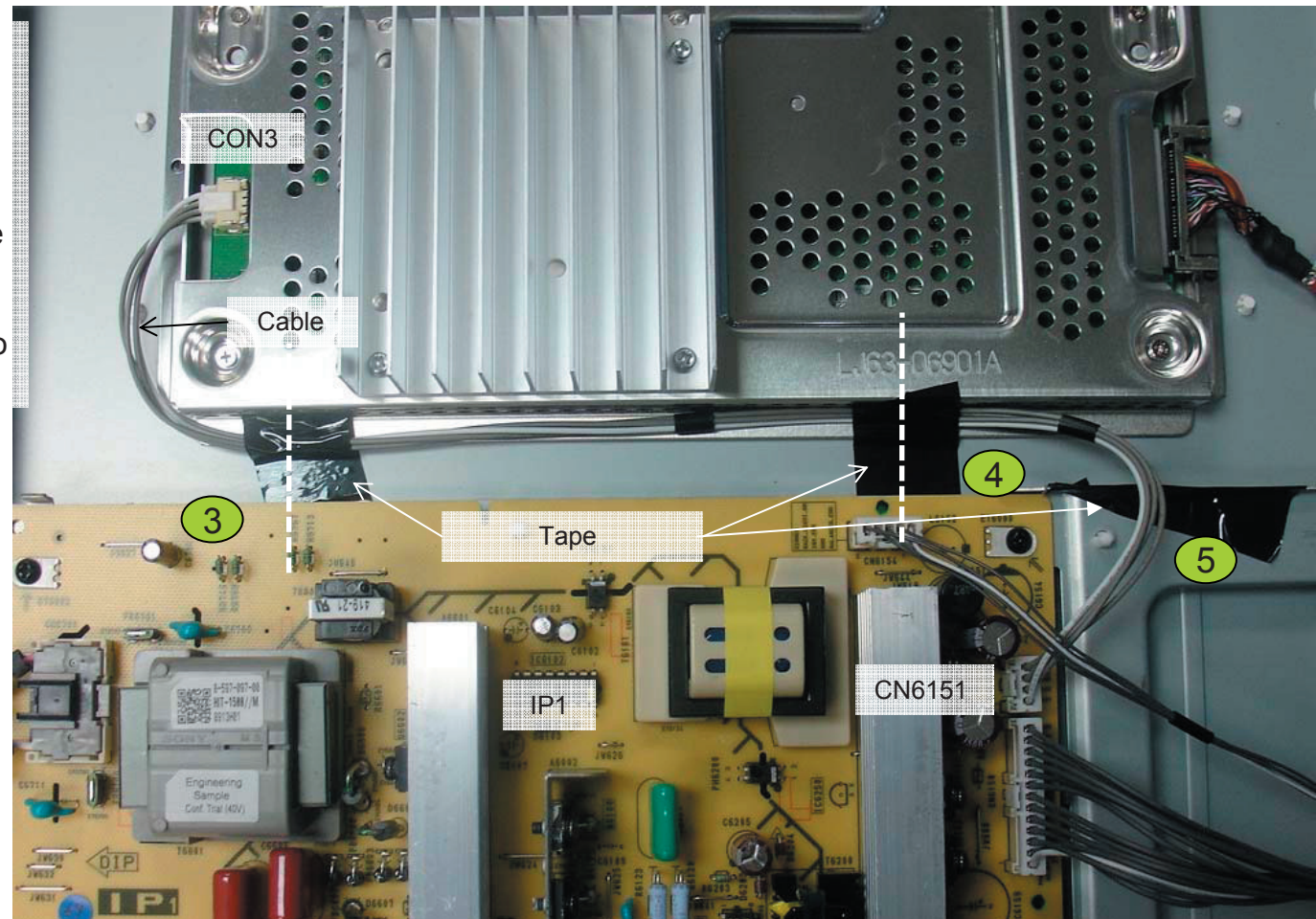
LEGEND

| Qty | Description | Symbol in dressing document |
|-----|------------------------|---|
| 2 | T clamp |  |
| 16 | Tape(No.8915) 25mmx6mm |  |
| 1 | Cofab tape |  |
| 1 | Himelon |  |
| 1 | Gasket |  |
| 1 | Cofab tape |  |







Cable → from TCON/CON3 to IP1/CN6151

Indications :

- Connect cables
- Add tape 3 and 4 over both cables, taking by reference the dash lines
- Add tape 5 over the bracket to cover sharp edge



LEGEND

| Qty | Description | Symbol in dressing document |
|-----|------------------------|---|
| 2 | T clamp |  |
| 16 | Tape(No.8915) 25mmx6mm |  |
| 1 | Cofab tape |  |
| 1 | Himelon |  |
| 1 | Gasket |  |
| 1 | Cofab tape |  |

KDL-40V5100 ONLY

Cable → from Balancer/CN102 to IP1/CN6700

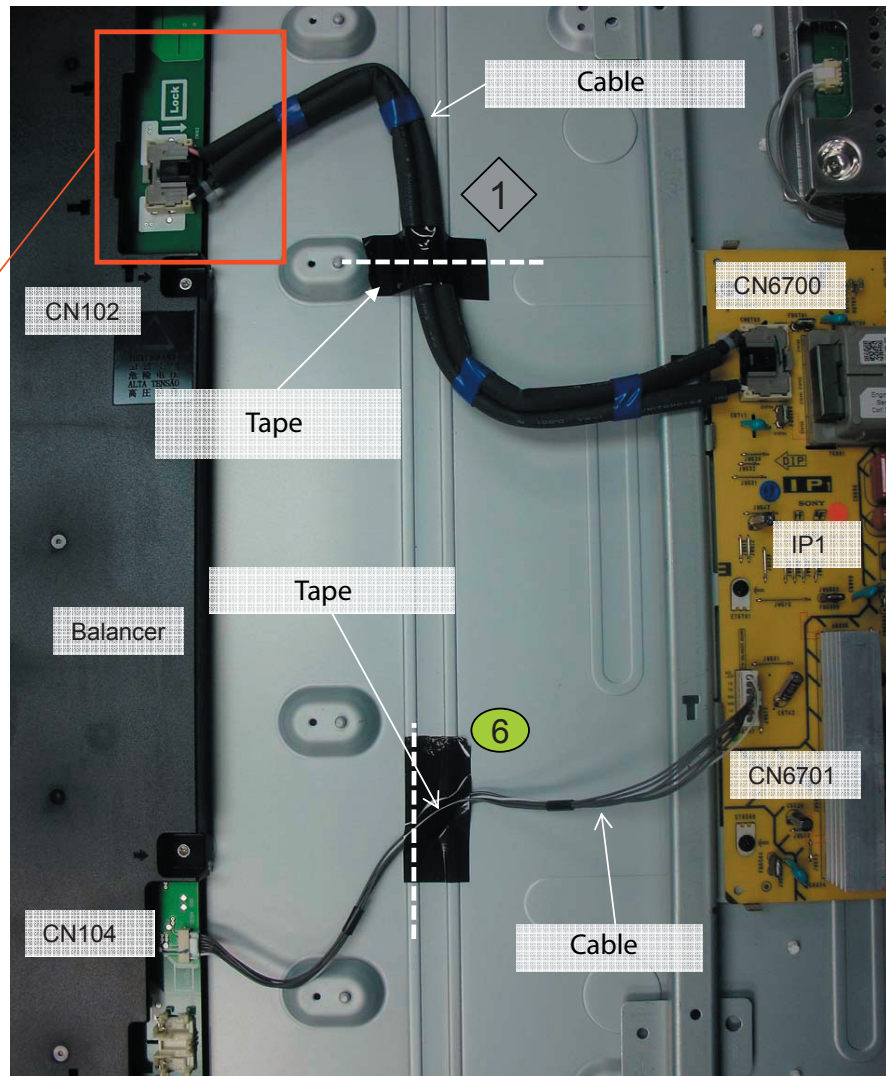
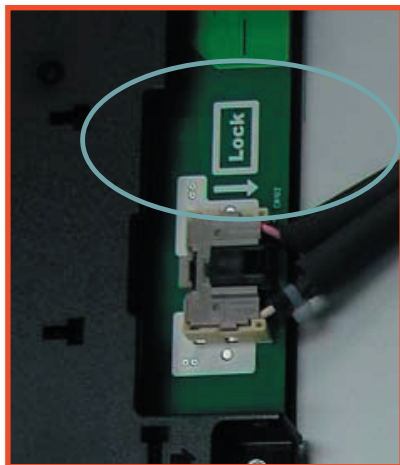
Cable → from Balancer/CN104 to IP1/CN6701

Indications:

-Insert himelon tape 1 in horizontal way taking by reference the dot line.







-Add tape 6 in vertical form taking by reference the panel lines

Lock both sizes of cable pushing the locked were the arrow points

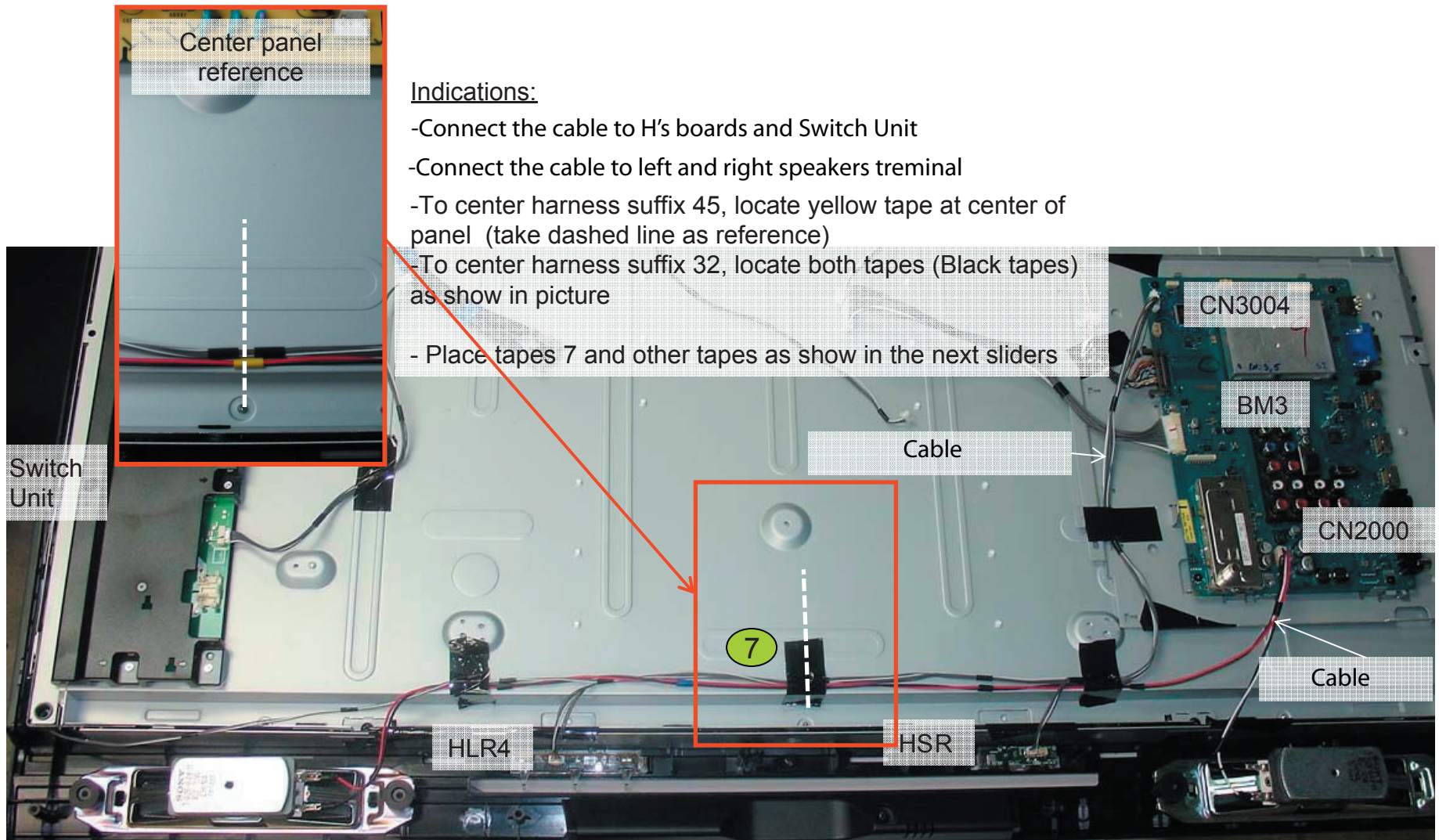


KDL-40V5100 ONLY

LEGEND







| Qty | Description | Symbol in dressing document |
|-----|------------------------|---|
| 2 | T clamp |  |
| 16 | Tape(No.8915) 25mmx6mm |  |
| 1 | Cofab tape |  |
| 1 | Himelon |  |
| 1 | Gasket |  |
| 1 | Cofab tape |  |

Cable → from BM3/CN3004 to HSR, HLR4 switch unit
 Cable → from BM3/CN2000 to Speaker terminals



KDL-40V5100 ONLY

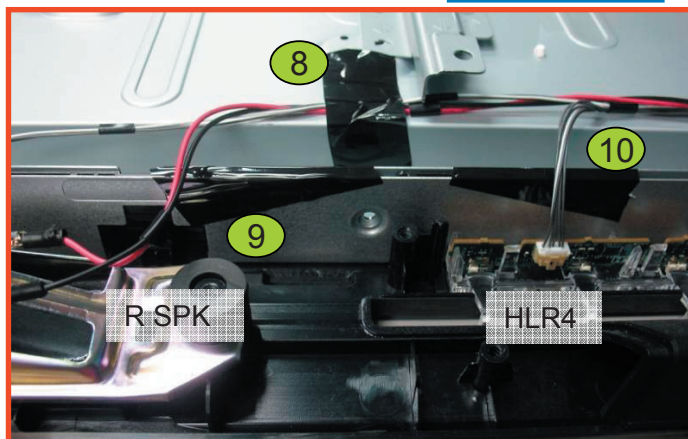
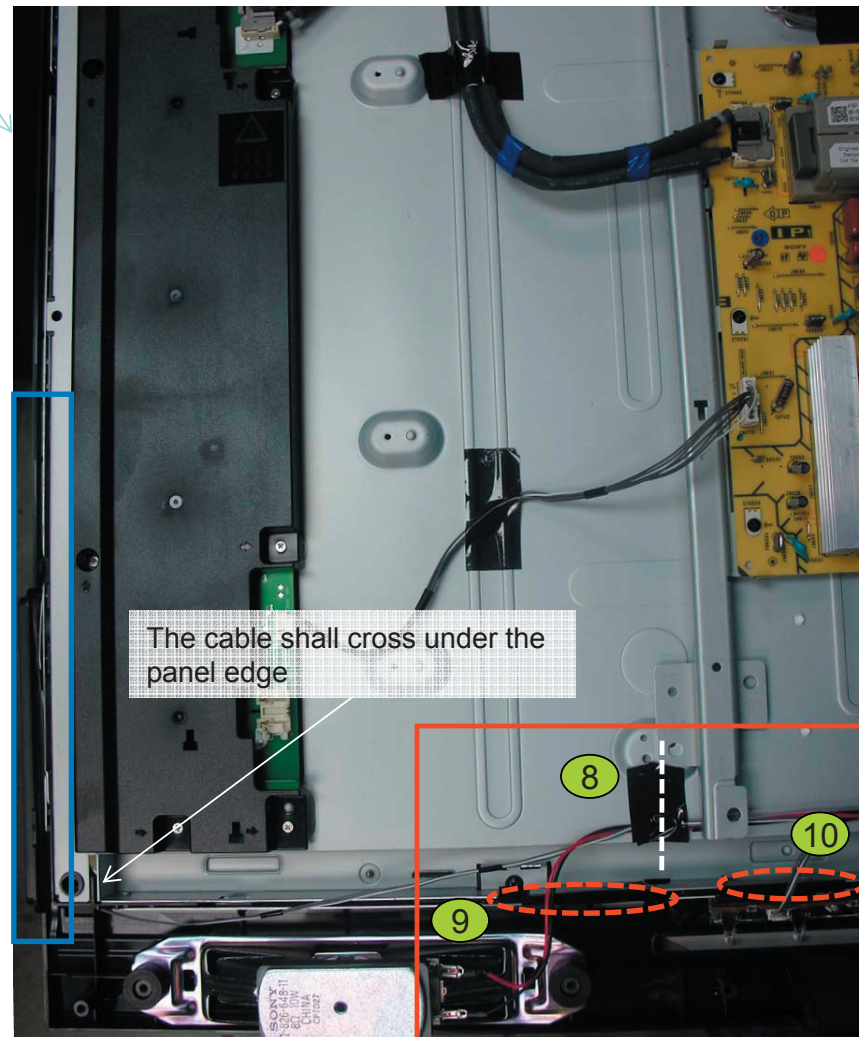
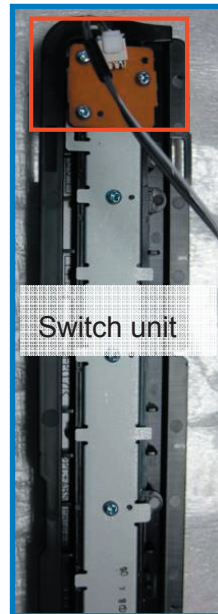
LEGEND

| Qty | Description | Symbol in dressing document |
|-----|------------------------|---|
| 2 | T clamp |  |
| 16 | Tape(No.8915) 25mmx6mm |  |
| 1 | Cofab tape |  |
| 1 | Himelon |  |
| 1 | Gasket |  |
| 1 | Cofab tape |  |







Cable → from BM3/CN3004 to HSR, HLR4 and switch unit
 Cable → from BM3/CN2000 to Speaker terminals

Indications:

- The cables shall be connected to switch unit and HLR4 board
- Insert tape 8 taking by reference the dot line.
- Add tape 9 and 10 in diagonal to cover panel sharp edges

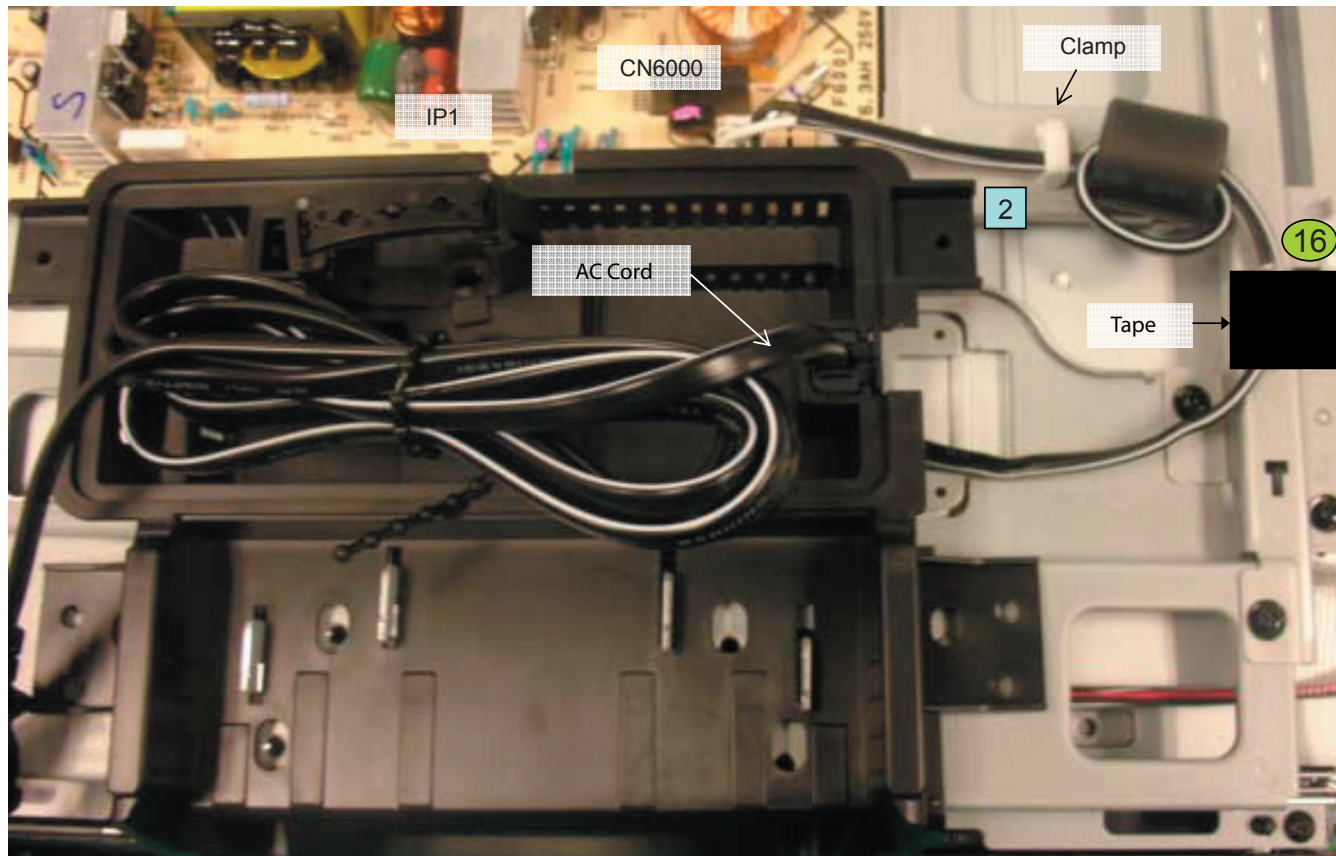


LEGEND

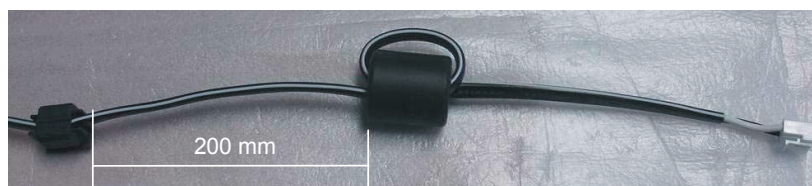
| Qty | Description | Symbol in dressing document |
|-----|------------------------|---|
| 2 | T clamp |  |
| 16 | Tape(No.8915) 25mmx6mm |  |
| 1 | Cofab tape |  |
| 1 | Himelon |  |
| 1 | Gasket |  |
| 1 | Cofab tape |  |

KDL-40V5100 ONLY

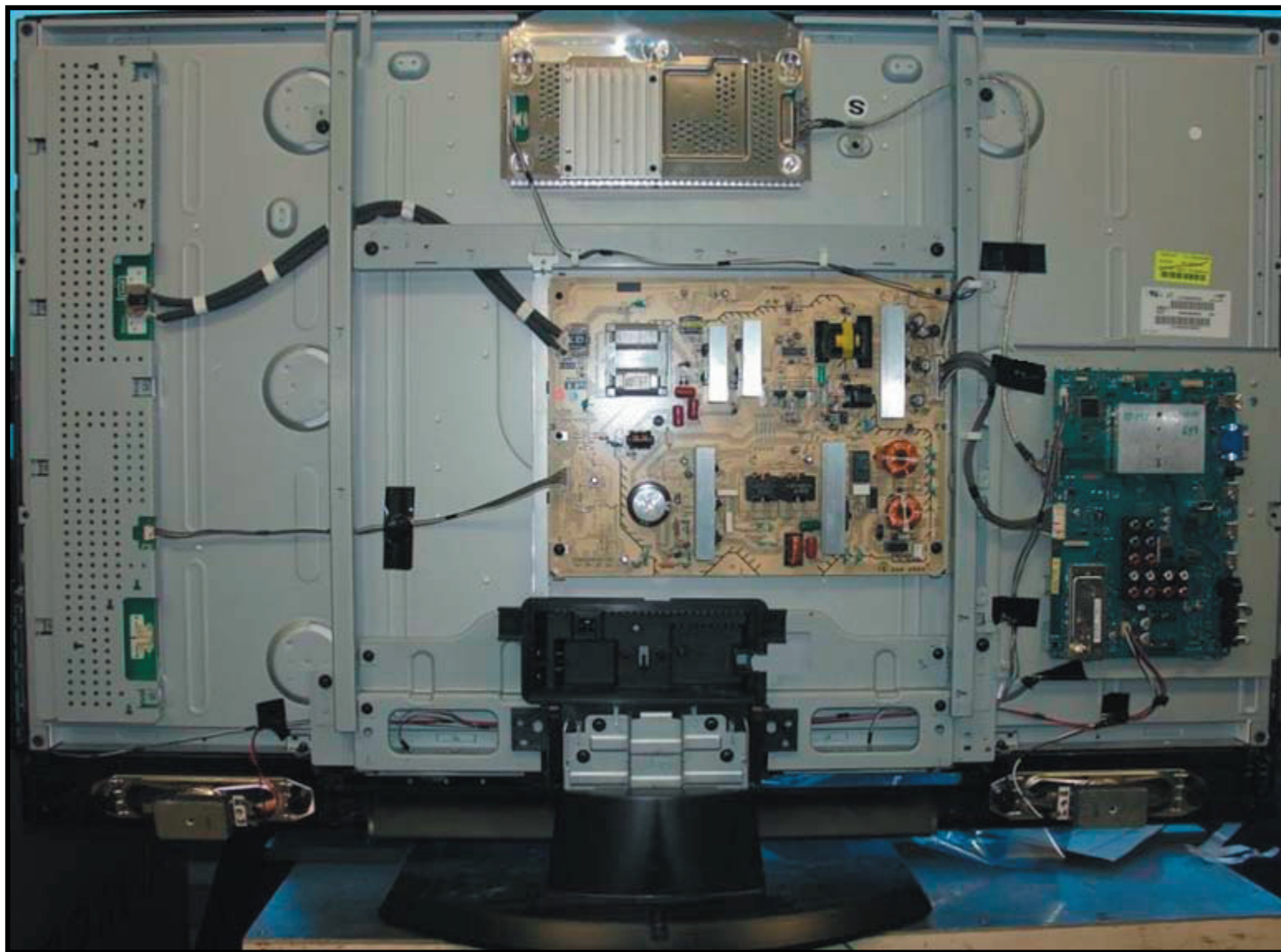
AC cord → IP1/CN6000



AC Holder position








**KDL-46V5100 ONLY
OVERALL ASSEMBLY**

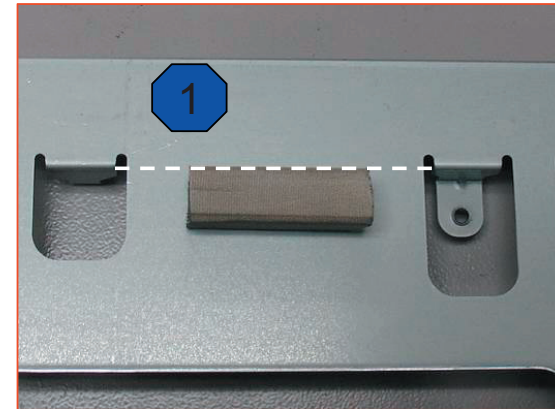
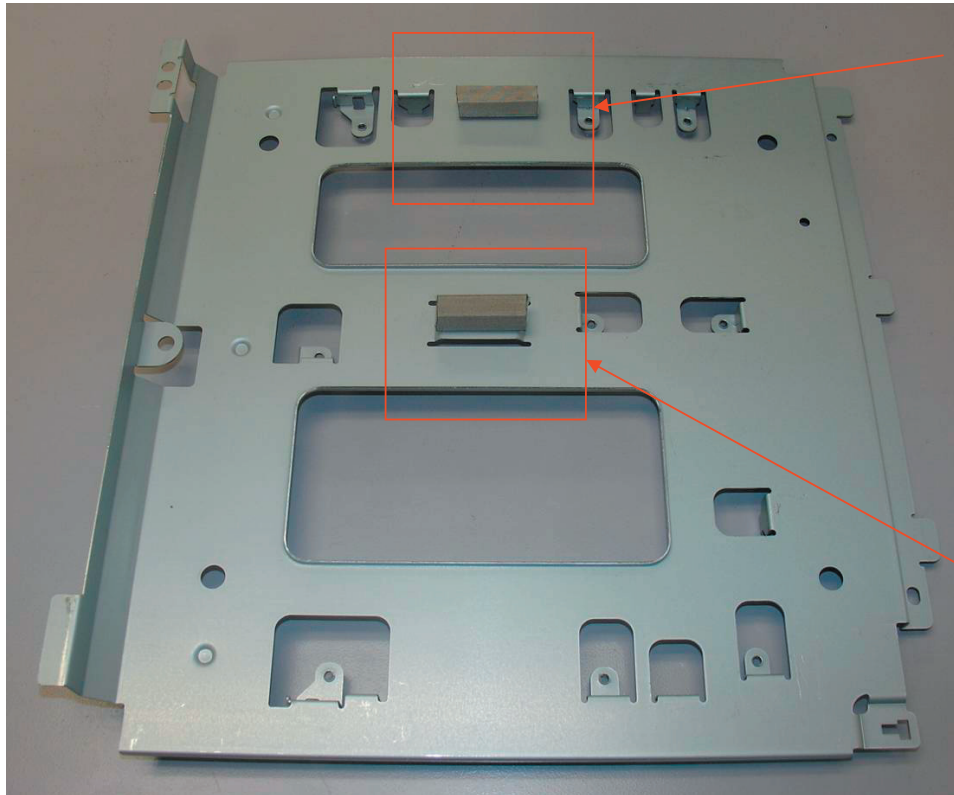


NOTE: THE TAPE COLOR ON THE LVDS CONNECTOR IS TO HELP DETERMINE THE CORRECT CONNECTION PLACEMENT

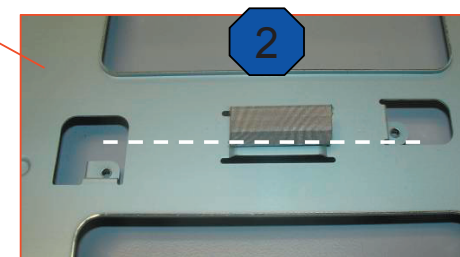
KDL-46V5100 ONLY

LEGEND

| Qty | Description | Symbol in dressing document |
|-----|----------------------------|---|
| 6 | T clamp |  |
| 13 | Tape(No.8915) 25mmx60mm |  |
| 1 | Cofab tape |  |
| 2 | Gasket |  |
| 1 | Cofab tape |  |








**INSERT THE GASKET OVER THE
BACK SIDE OF THE MAIN BRACKET**

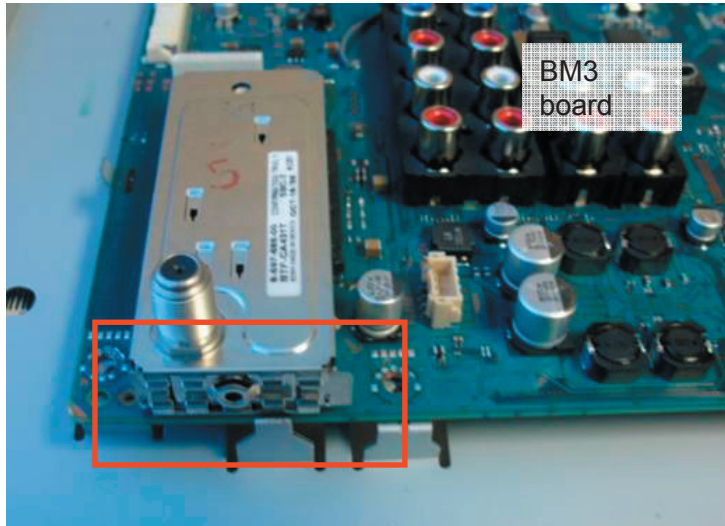


KDL-46V5100 ONLY

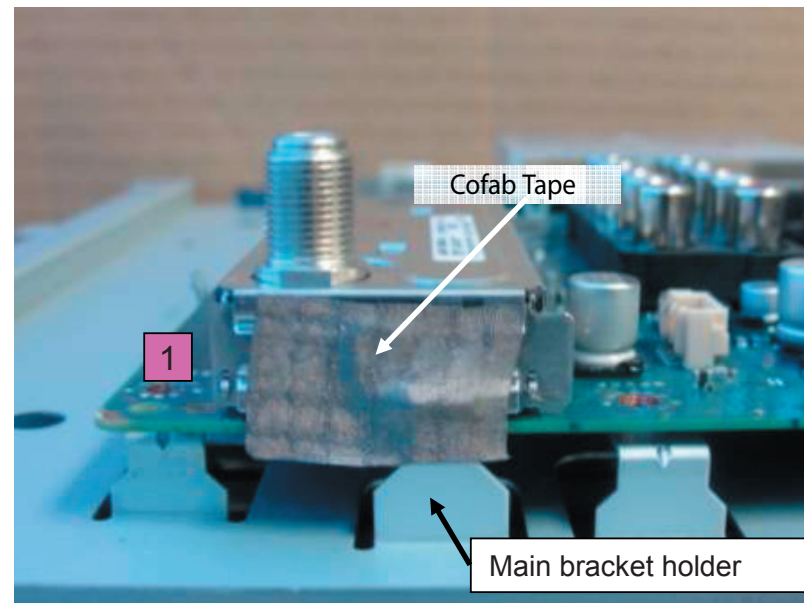
LEGEND

| Qty | Description | Symbol in dressing document |
|-----|----------------------------|---|
| 6 | T clamp |  |
| 13 | Tape(No.8915) 25mmx60mm |  |
| 1 | Cofab tape |  |
| 2 | Gasket |  |
| 1 | Cofab tape |  |

Cofab tape on tuner of BM3 board








Add cofab tape on tuner touching the main bracket holder



KDL-46V5100 ONLY

LEGEND


| Qty | Description | Symbol in dressing document |
|-----|----------------------------|---|
| 6 | T clamp |  |
| 13 | Tape(No.8915) 25mmx60mm |  |
| 1 | Cofab tape |  |
| 2 | Gasket |  |
| 1 | Cofab tape |  |


LVDS cable → From TCON to BM3/CN9102

The LVDS cable will be the first to be placed

Indication :

-Connect LVDS cable, LVDS Holder ID to T Con and other side to CN9102 (BM3).

-Insert Cable Clamp 

- Add Tape 1 and cofab tape  as shows in the picture

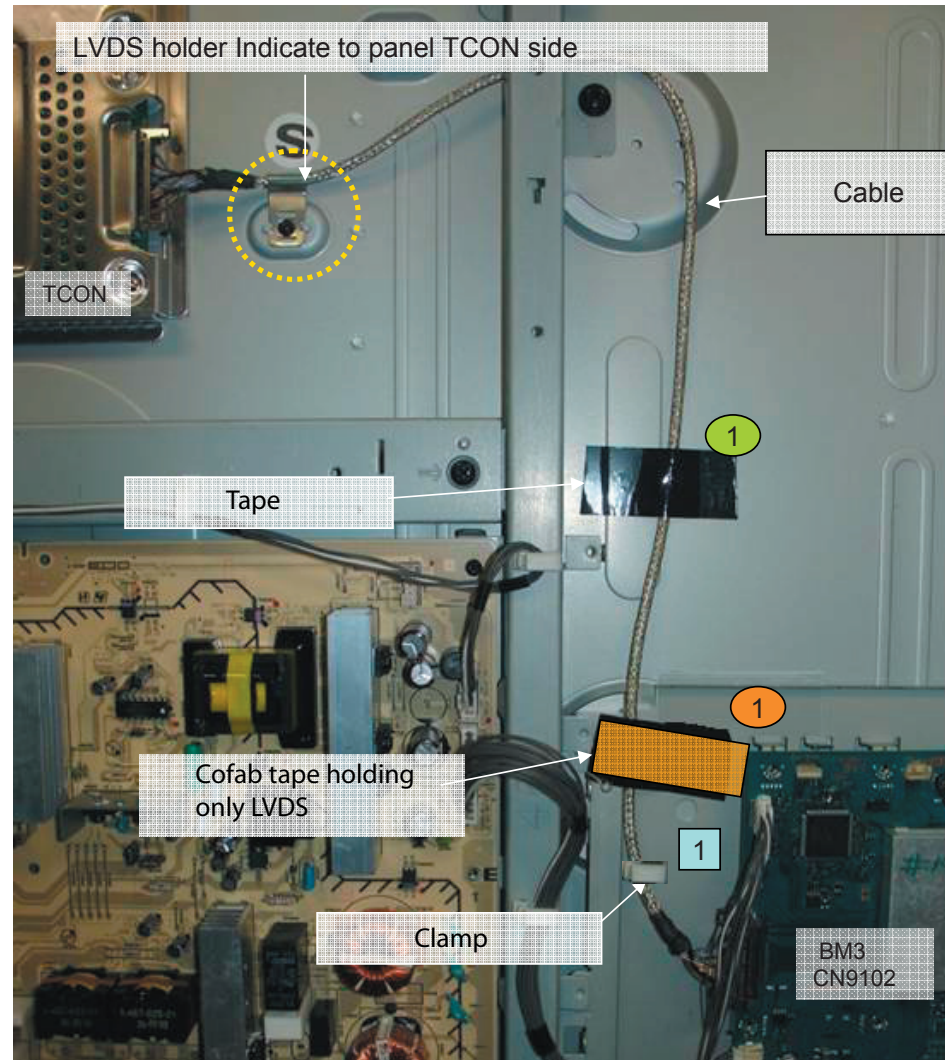
Caution Point

Avoid Trap jammed with metal or touch any edge

No stress the cable






Keep loose cable between connectors and tapes

Keep Tapes flat over the cable



KDL-46V5100 ONLY

LEGEND

| Qty | Description | Symbol in dressing document |
|-----|----------------------------|---|
| 6 | T clamp |  |
| 13 | Tape(No.8915) 25mmx60mm |  |
| 1 | Cofab tape |  |
| 2 | Gasket |  |
| 1 | Cofab tape |  |

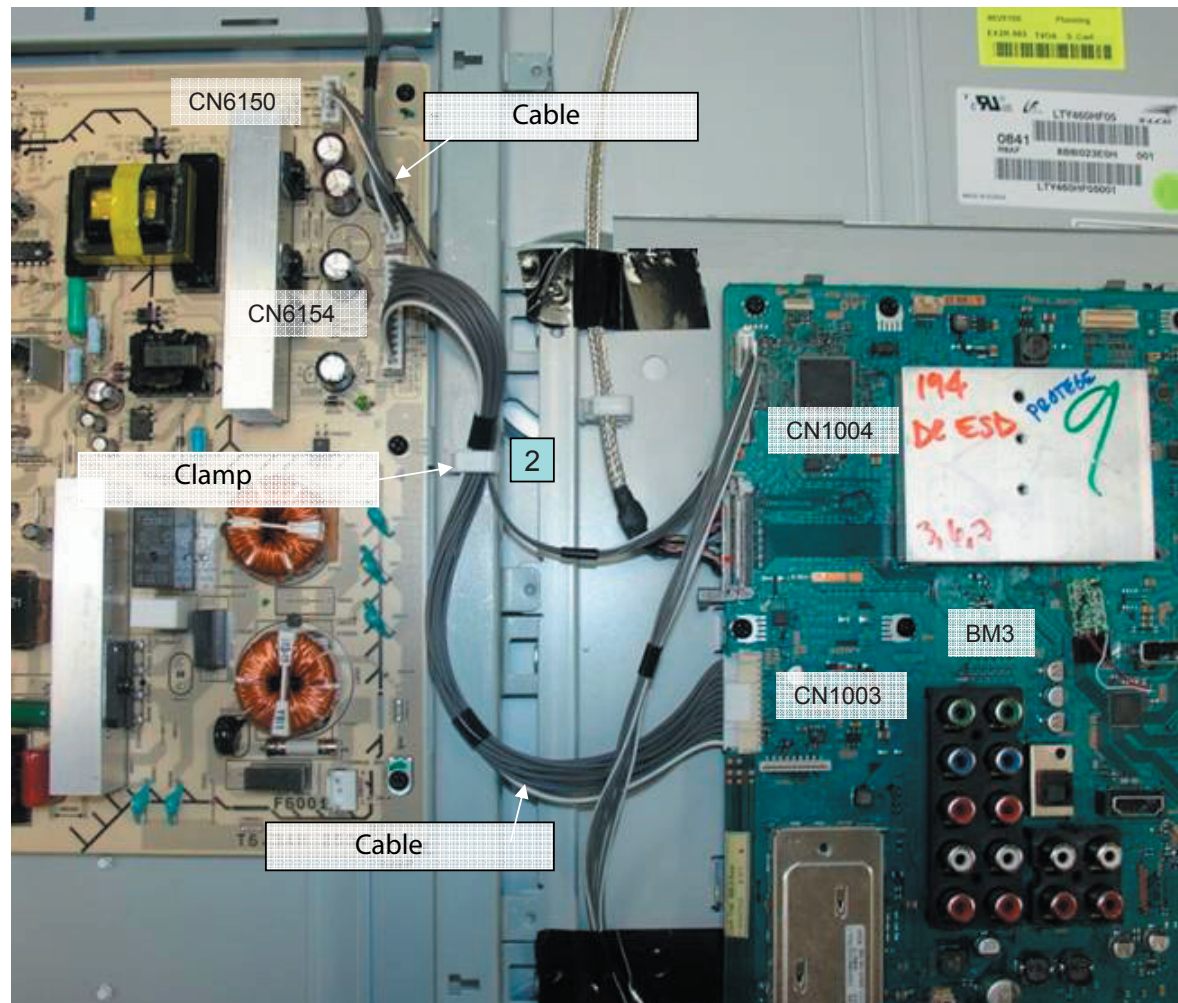
Cable → from IP2CN6150 to BM3/CN1003

Cable → from IP2CN6154 to BM3/CN1004

Indication :






-Connect cables

-Pass both Cables through the Clamp 2 as shows in the picture



KDL-46V5100 ONLY

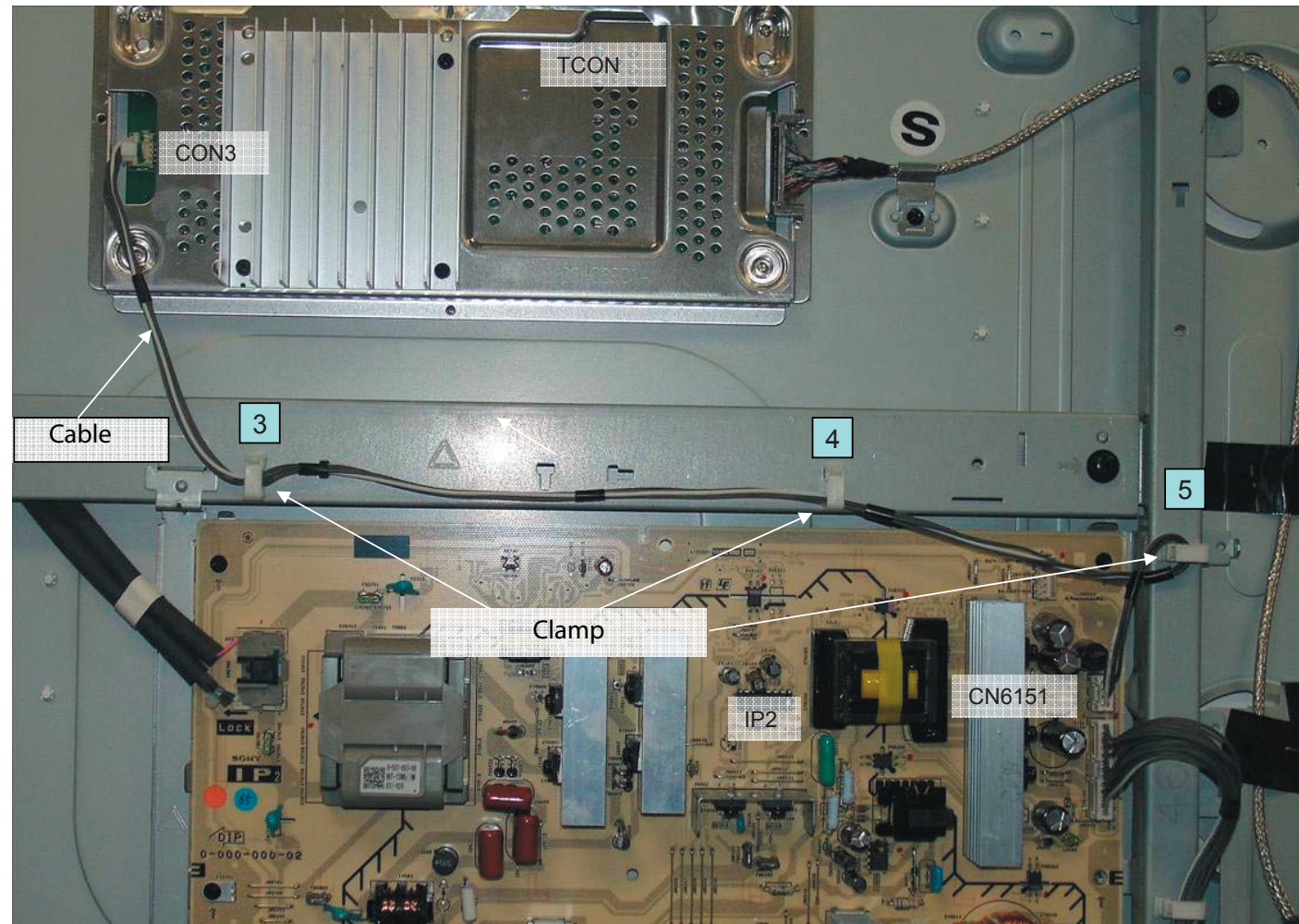
LEGEND

| Qty | Description | Symbol in dressing document |
|-----|----------------------------|---|
| 6 | T clamp |  |
| 13 | Tape(No.8915) 25mmx60mm |  |
| 1 | Cofab tape |  |
| 2 | Gasket |  |
| 1 | Cofab tape |  |

Cable → From TCON/CON3 to IP2/CN6151






Indication :

- Connect cable
- Pass through the screw Clamp 3, 4 and 5 as shows in the picture



KDL-46V5100 ONLY

LEGEND

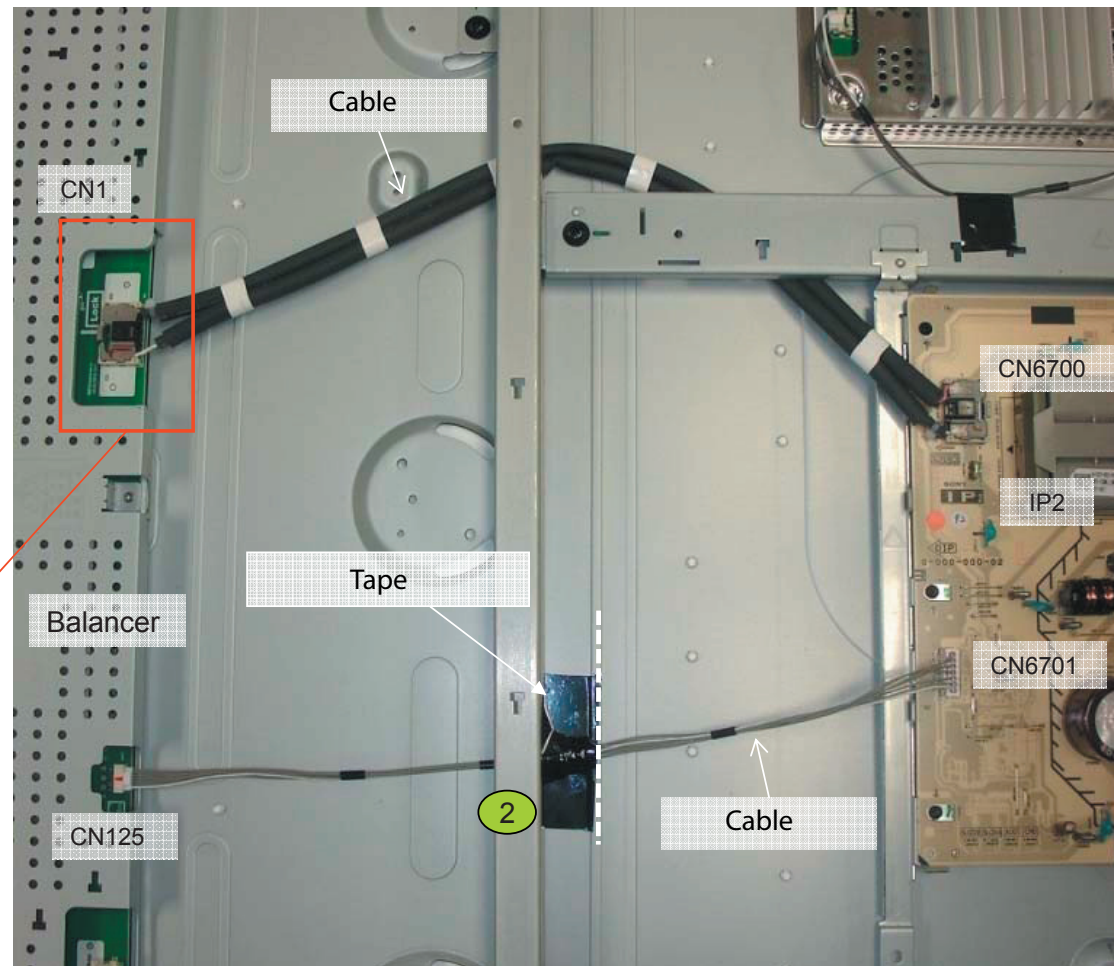
| Qty | Description | Symbol in dressing document |
|-----|----------------------------|---|
| 6 | T clamp |  |
| 13 | Tape(No.8915) 25mmx60mm |  |
| 1 | Cofab tape |  |
| 2 | Gasket |  |
| 1 | Cofab tape |  |

Cable → from Balancer/CN1 to IP2/CN6700
 Cable → from Balancer/CN125 to IP2/CN6701

Indications:






-Add tape 2 in vertical form taking by reference the panel lines

Lock both sizes of cable pushing the locked were the arrow points



KDL-46V5100 ONLY

LEGEND

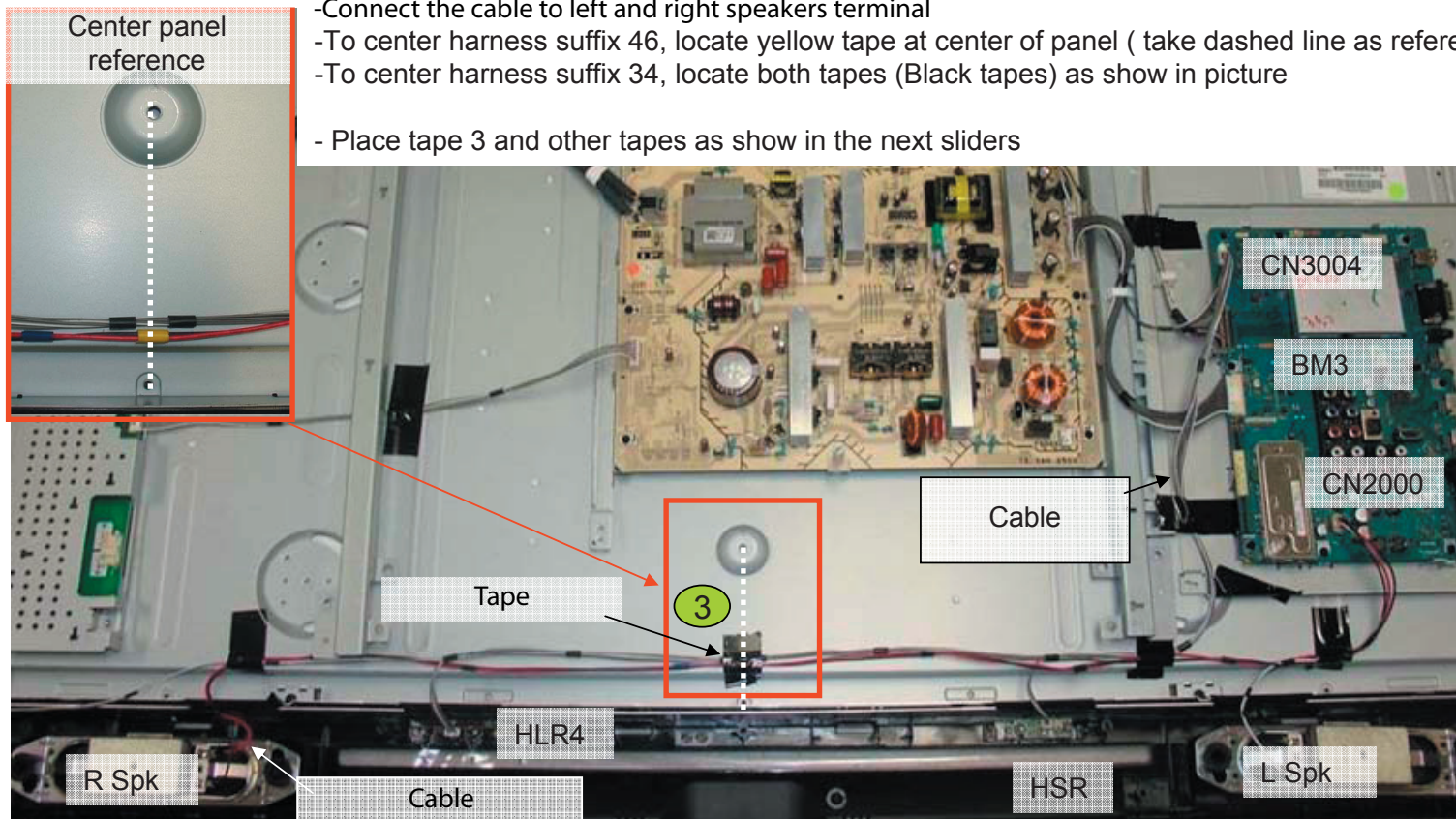
| Qty | Description | Symbol in dressing document |
|-----|----------------------------|---|
| 6 | T clamp |  |
| 13 | Tape(No.8915) 25mmx60mm |  |
| 1 | Cofab tape |  |
| 2 | Gasket |  |
| 1 | Cofab tape |  |

Cable → from BM3/CN3004 to HSR, HLR4 and Switch unit

Cable → from BM3/CN2000 to Speakers terminals






Indications:

- Connect the cable to H's boards and Switch Unit
 - Connect the cable to left and right speakers terminal
 - To center harness suffix 46, locate yellow tape at center of panel (take dashed line as reference)
 - To center harness suffix 34, locate both tapes (Black tapes) as show in picture
- Place tape 3 and other tapes as show in the next sliders



KDL-46V5100 ONLY

LEGEND

| Qty | Description | Symbol in dressing document |
|-----|----------------------------|---|
| 6 | T clamp |  |
| 13 | Tape(No.8915) 25mmx60mm |  |
| 1 | Cofab tape |  |
| 2 | Gasket |  |
| 1 | Cofab tape |  |

Cable → from BM3/CN3004 to HSR, HLR4 and Switch unit

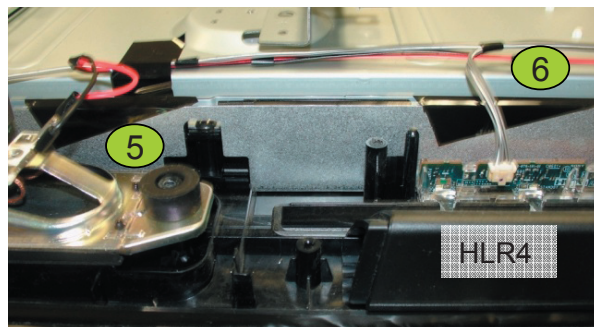
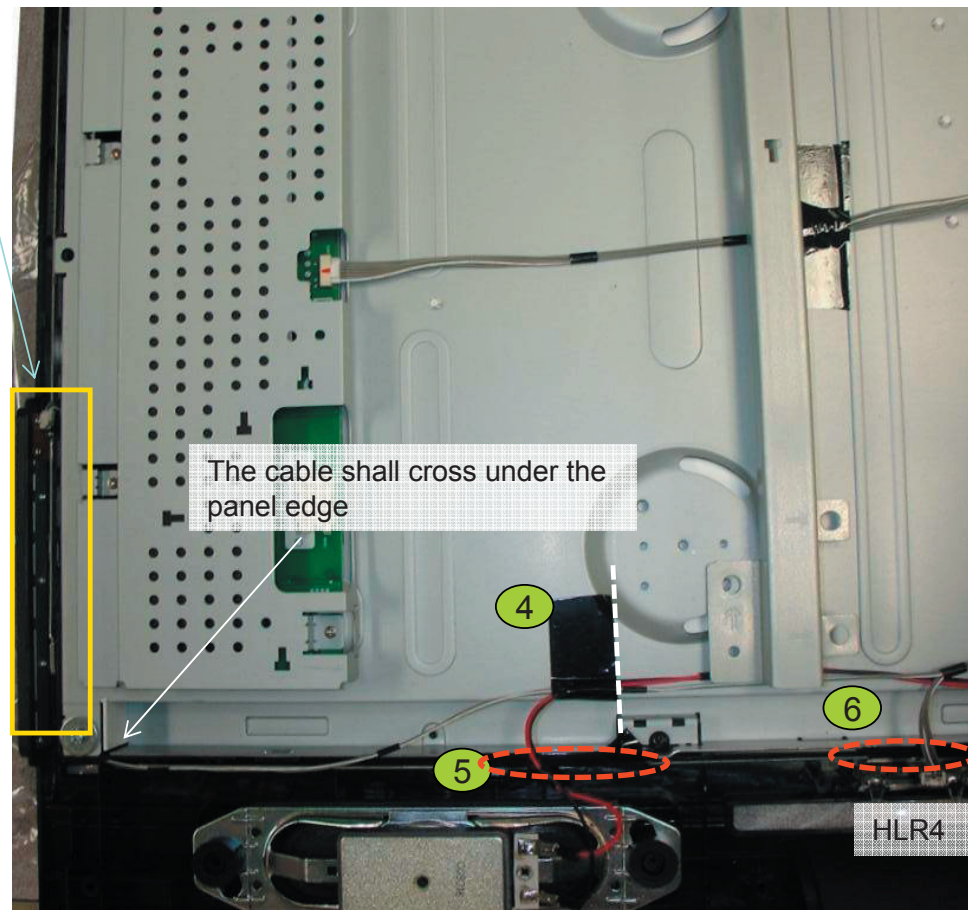
Cable → from BM3/CN2000 to Speakers terminals

Indications:

-The cables shall be connected to switch unit and HLR4 board






-Insert tape 4 taking by reference the dot line.

-Add tape 5 and 6 in diagonal to cover panel sharp edges



KDL-46V5100 ONLY

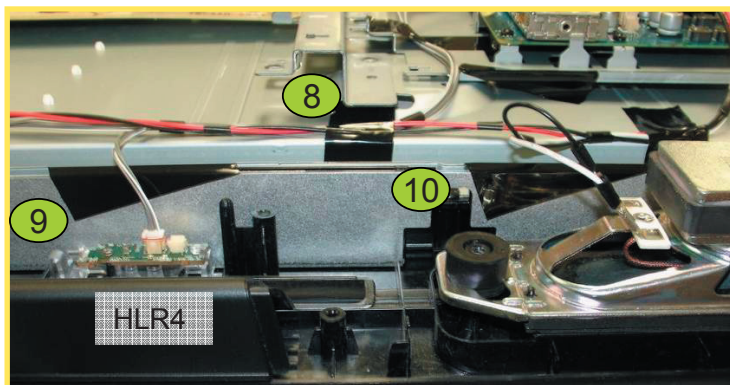
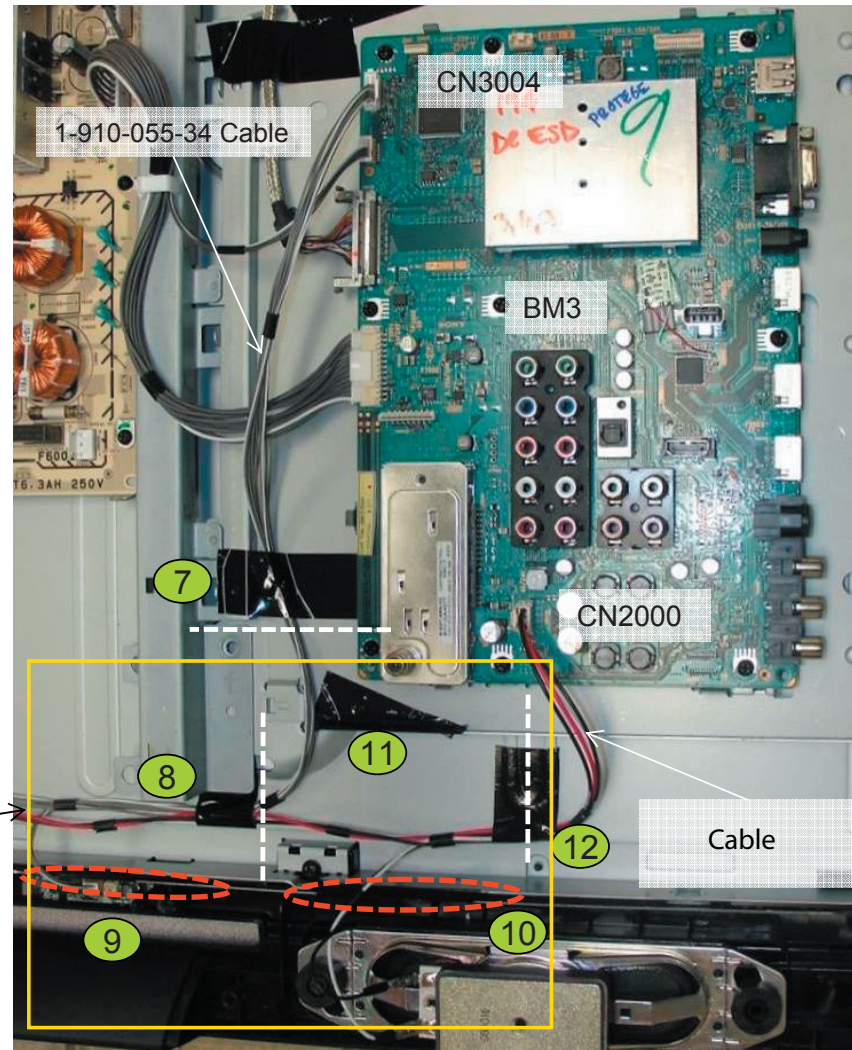
LEGEND

| Qty | Description | Symbol in dressing document |
|-----|-------------------------|---|
| 6 | T clamp |  |
| 13 | Tape(No.8915) 25mmx60mm |  |
| 1 | Cofab tape |  |
| 2 | Gasket |  |
| 1 | Cofab tape |  |

Cable → from BM3/CN3004 to HSR, HLR4 and Switch unit
 Cable → from BM3/CN2000 to Speakers terminals






Indications:

- Insert tape 7, 8 and 12 as shows in the picture.
- Add tape 9, 10 and 11 in diagonal to cover panel and main bracket sharp edges

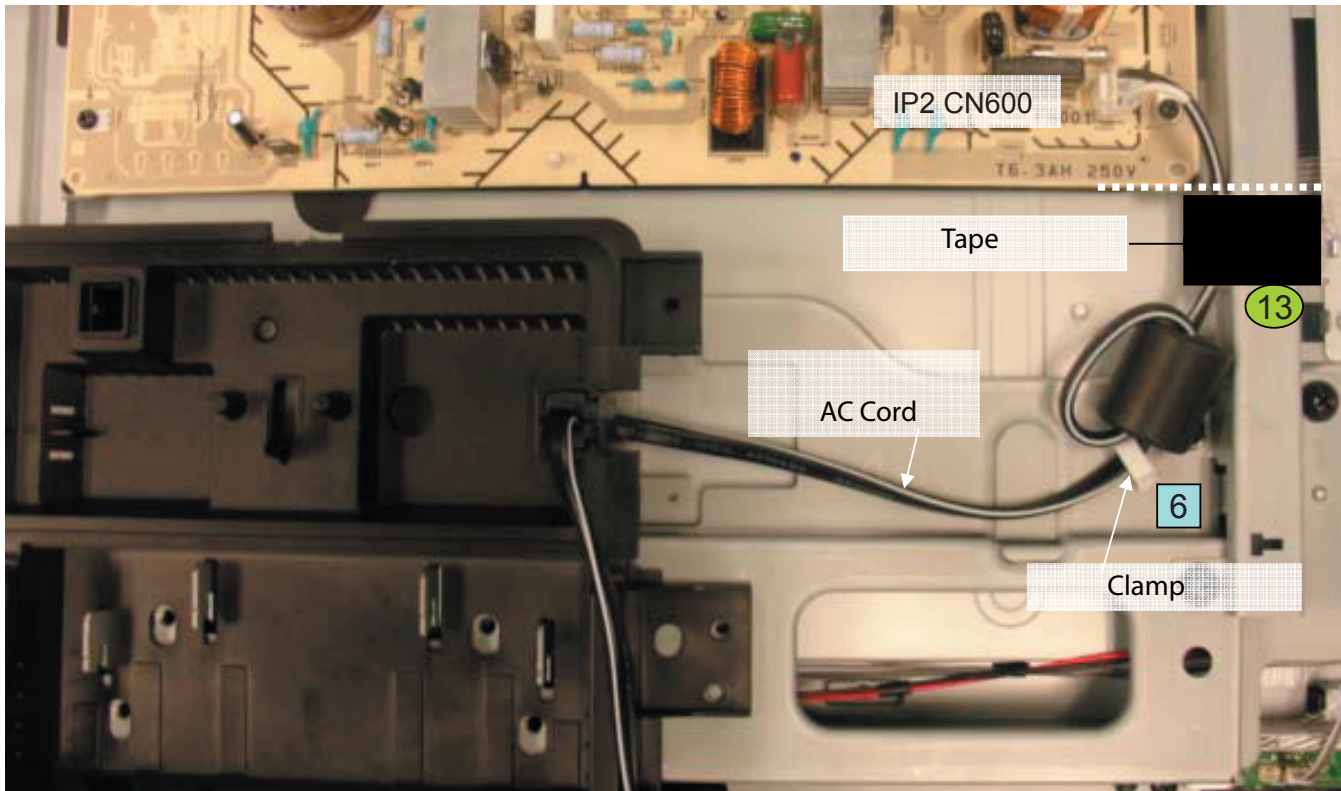


KDL-46V5100 ONLY

LEGEND

| Qty | Description | Symbol in dressing document |
|-----|----------------------------|---|
| 6 | T clamp |  |
| 13 | Tape(No.8915) 25mmx60mm |  |
| 1 | Cofab tape |  |
| 2 | Gasket |  |
| 1 | Cofab tape |  |

AC cord → IP2/CN6000



AC Holder position



SECTION 2: SERVICE ADJUSTMENTS

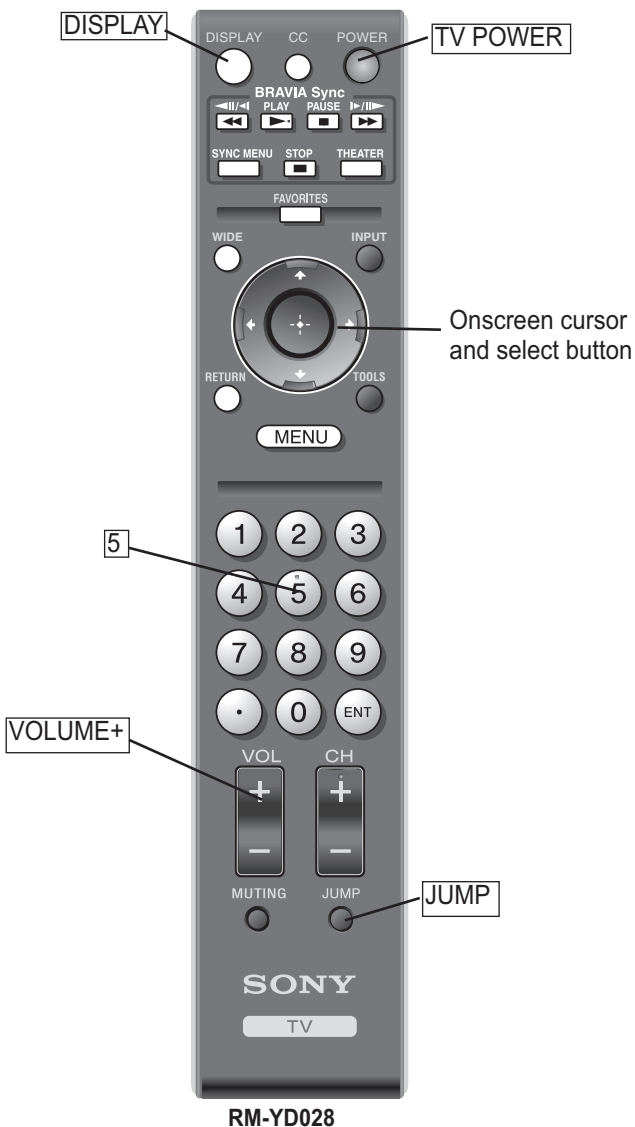
2-1. VIEWING SERVICE ADJUSTMENT DATA

There are no adjustments necessary for these models. All data has been set for optimal viewing for our customers. The following sections are for informational purposes only.

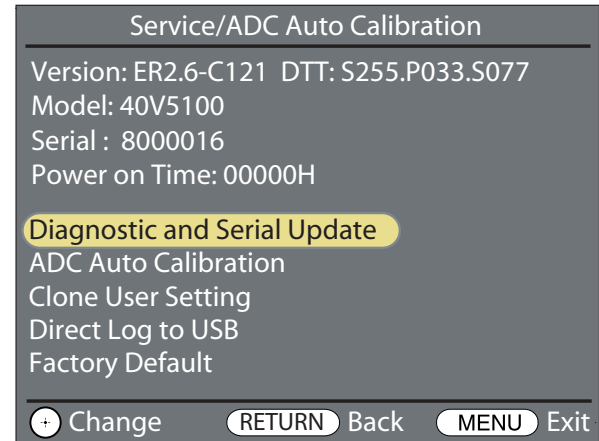
2-2. ACCESSING SERVICE MODE

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.



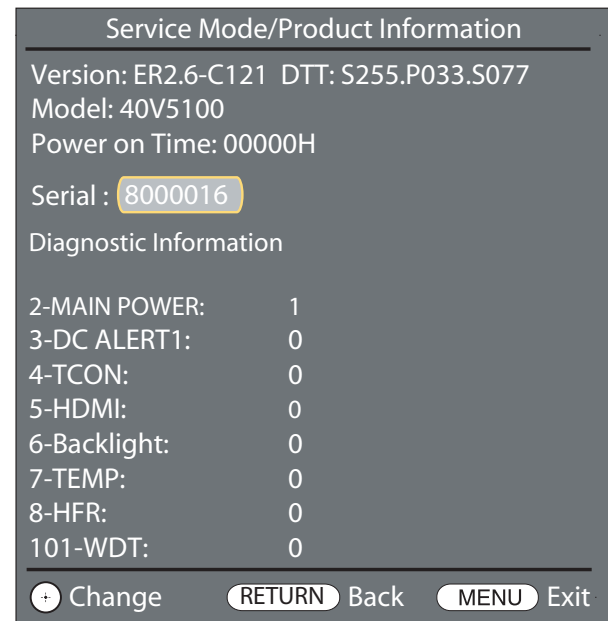
The BRAVIA logo displays momentarily, then the Service Mode list displays.



2-2-1. ENTERING THE SERIAL NUMBER AFTER CHANGING THE MAIN BOARD

Use the following instructions to re-enter the Serial Number of the TV after replacing the Main (BM3) Board.

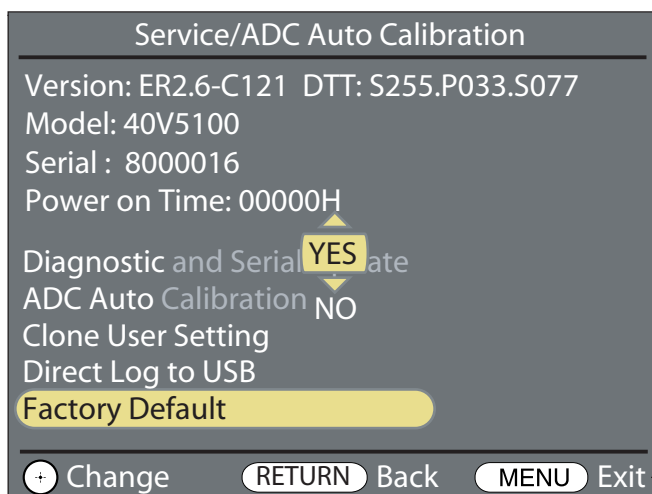
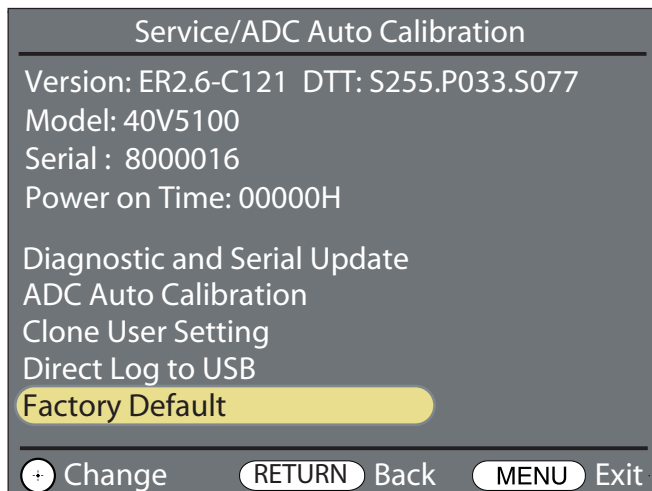
1. After accessing service mode, press **+** to display the Self Diagnostic list.




2. To change the serial number field, press **+** then using the number keys on the remote enter the Serial Number of the TV.
3. To save the Serial Number, press **+**.
4. To exit Service Mode, press **MENU**.

2-2-2. RESETTING TO FACTORY DEFAULTS

1. After accessing service mode, press the  button to highlight Factory Default, then press .

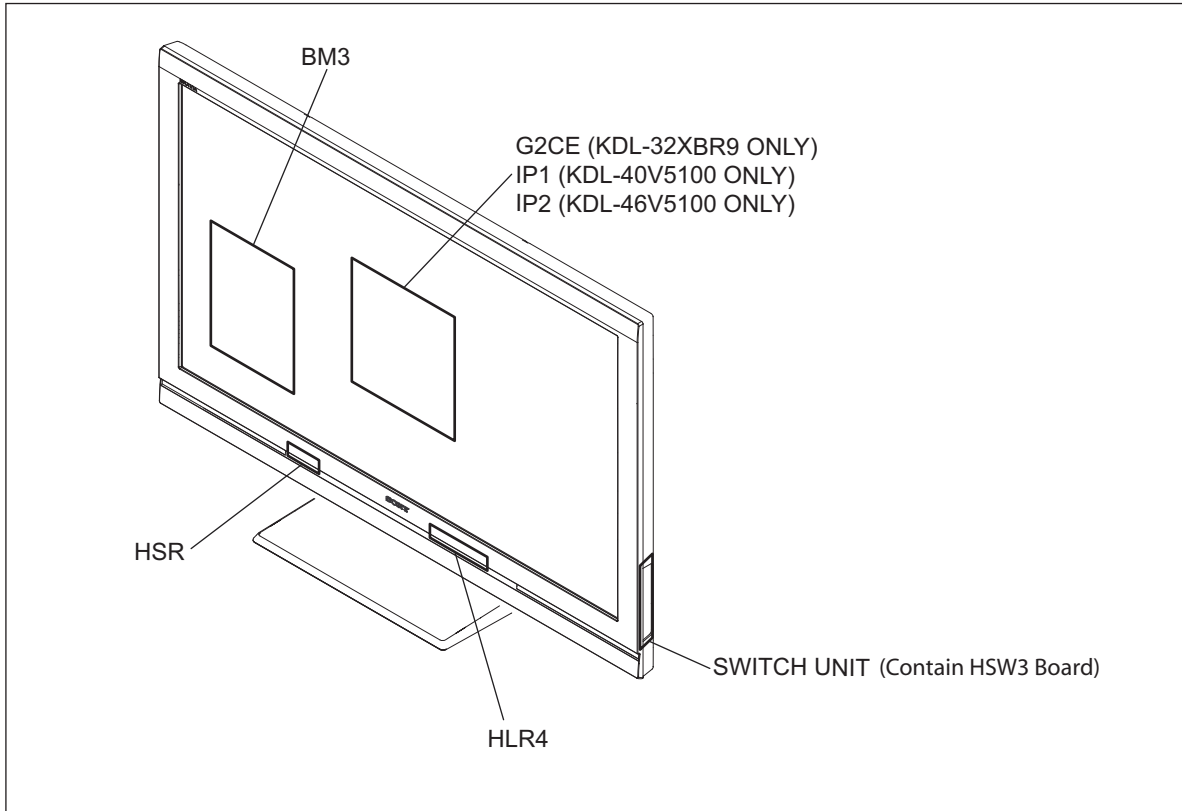


2. To reset to Factory Defaults, press  then follow the on-screen instructions.
3. After selecting the language preference the on-screen display indicates to "select the type of use for this TV." **Home must be selected for optimal picture performance in the customers home.**
4. Continue following the on-screen instructions.

NOTE: All other Service Mode information listed, ADC Auto Calibration, Clone User Setting, and Direct Log to USB will be reviewed in the Training Manual for these models.2-1. Viewing Service Adjustment Data

SECTION 3: DIAGRAMS

3-1. CIRCUIT BOARDS LOCATION



3-2. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS INFORMATION

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

All electrolytics are in 50V unless otherwise specified.

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

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

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

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

: nonflammable resistor

: fusible resistor

: internal component

: panel designation and adjustment for repair

: earth ground

: earth-chassis

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

Readings are taken with a color-bar signal input.

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

Voltages are DC with respect to ground unless otherwise noted.

Voltage variations may be noted due to normal production tolerances.

All voltages are in V.

S : Measurement impossibility.

: B+line.

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

: signal path. (RF)

Circled numbers are waveform references.

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

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

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.

Le symbole indique une fusible à action rapide. Doit être remplacé par une fusible de même valeur, comme marqué.

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

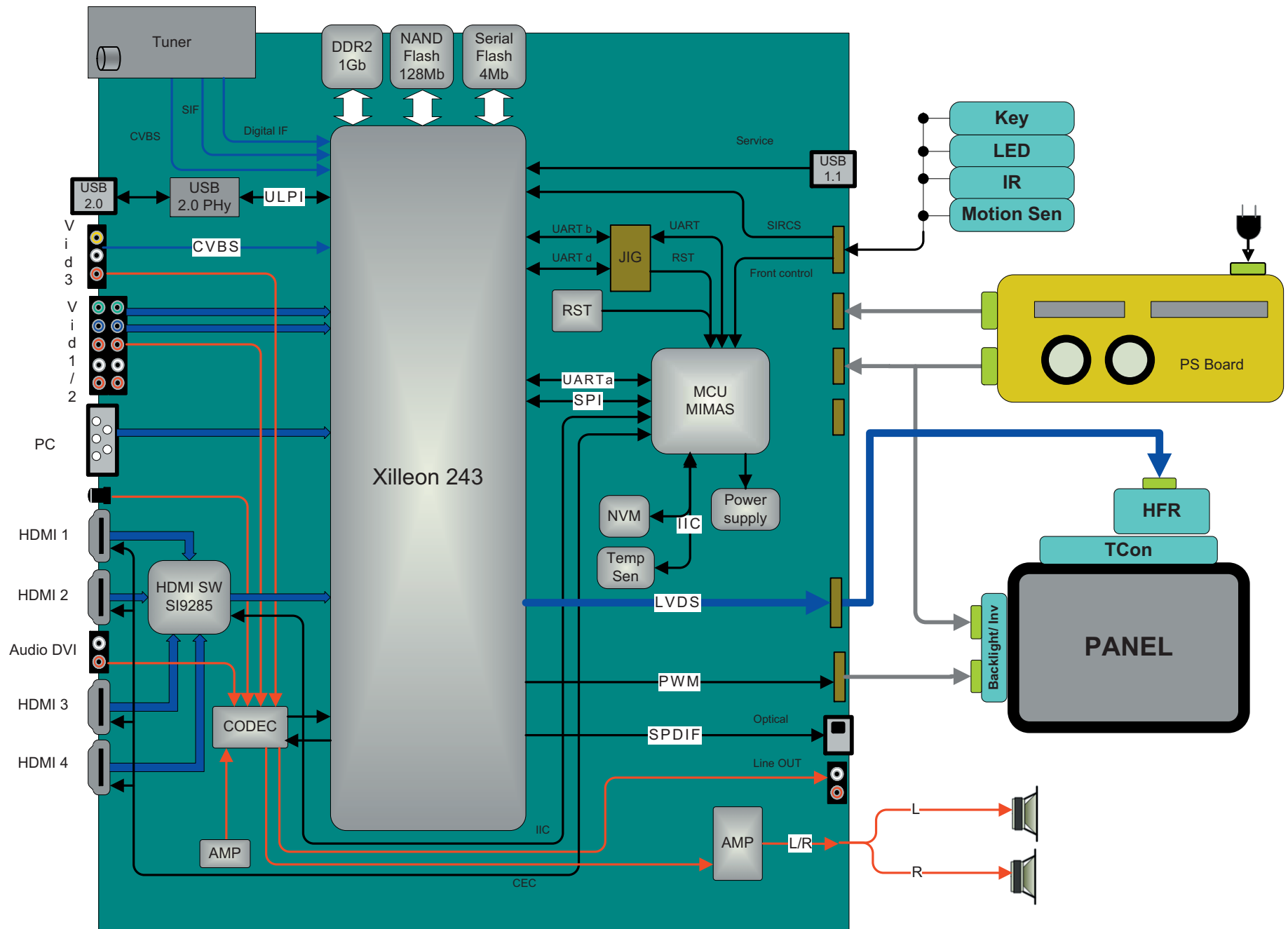
Terminal name of semiconductors in silk screen printed circuit (※)

| | 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 Cathode | |
| !£ | Transistor (FET) | | Drain Source Gate | |
| !Ç | Transistor (FET) | | Drain Source Gate | |
| !? | Transistor (FET) | | Source Drain Gate | |
| !§ | Transistor | | Emitter Collector Base | |
| !¶ | Transistor | | C2 B1 E1 E2 B2 C1 | |
| !• | Transistor | | C1 B2 E2 E1 B1 C2 | |
| !a | Transistor | | C1 B2 E2 E1 B1 C2 | |
| @° | Transistor | | C1 B2 E2 E1 B1 C2 | |
| @₁ | Transistor | | E2 B1 E1 C2 C1(B2) | |
| @TM | Transistor | | (B2) B1 E1 E2 C1 C2 | |
| @£ | Transistor | | (B2) E2 E1 B1 C2 C1 | |
| — | Discrete semiconductot | | | |

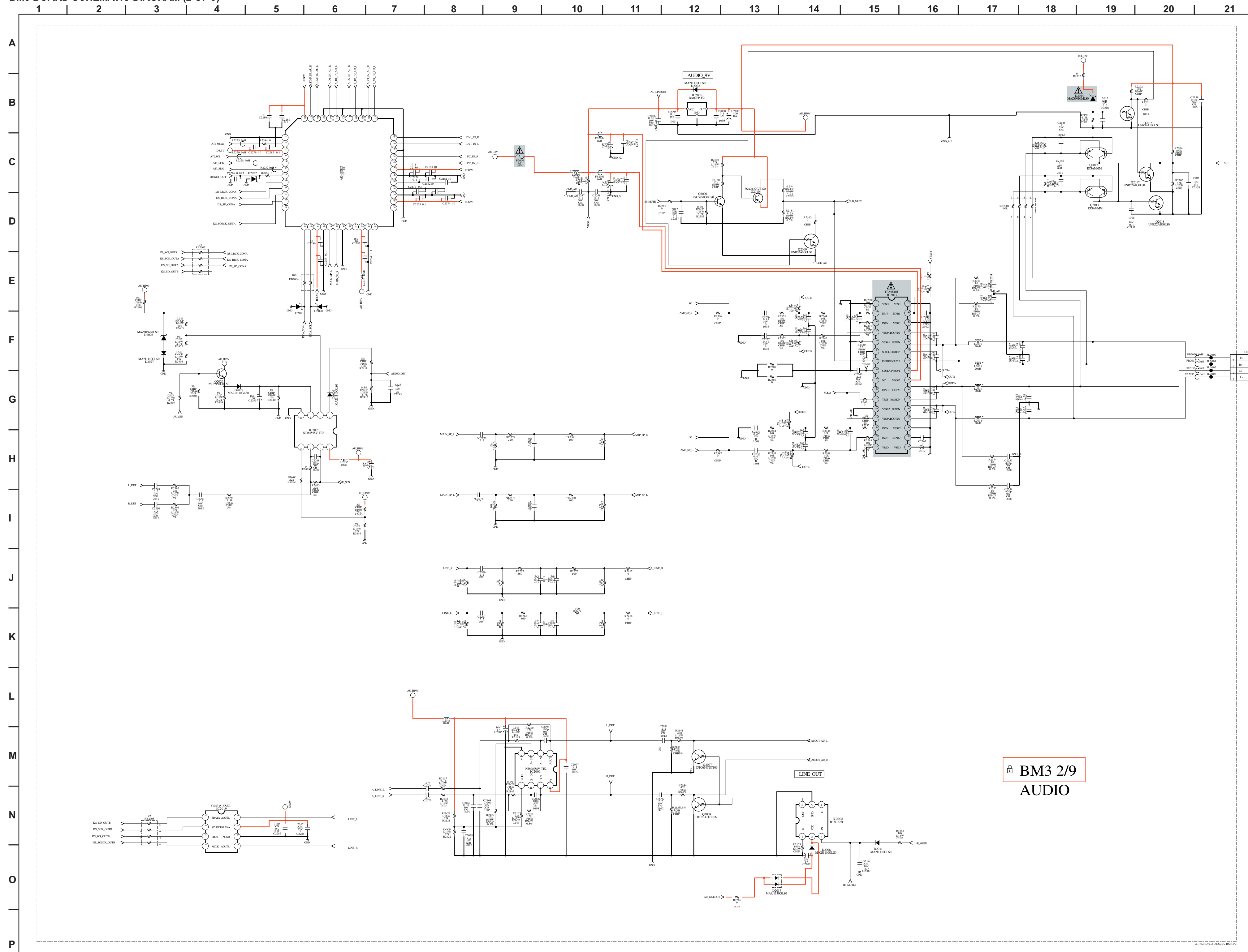
(Chip semiconductors that are not actually used are included.)

Ver.1.6

3-3. BLOCK DIAGRAM

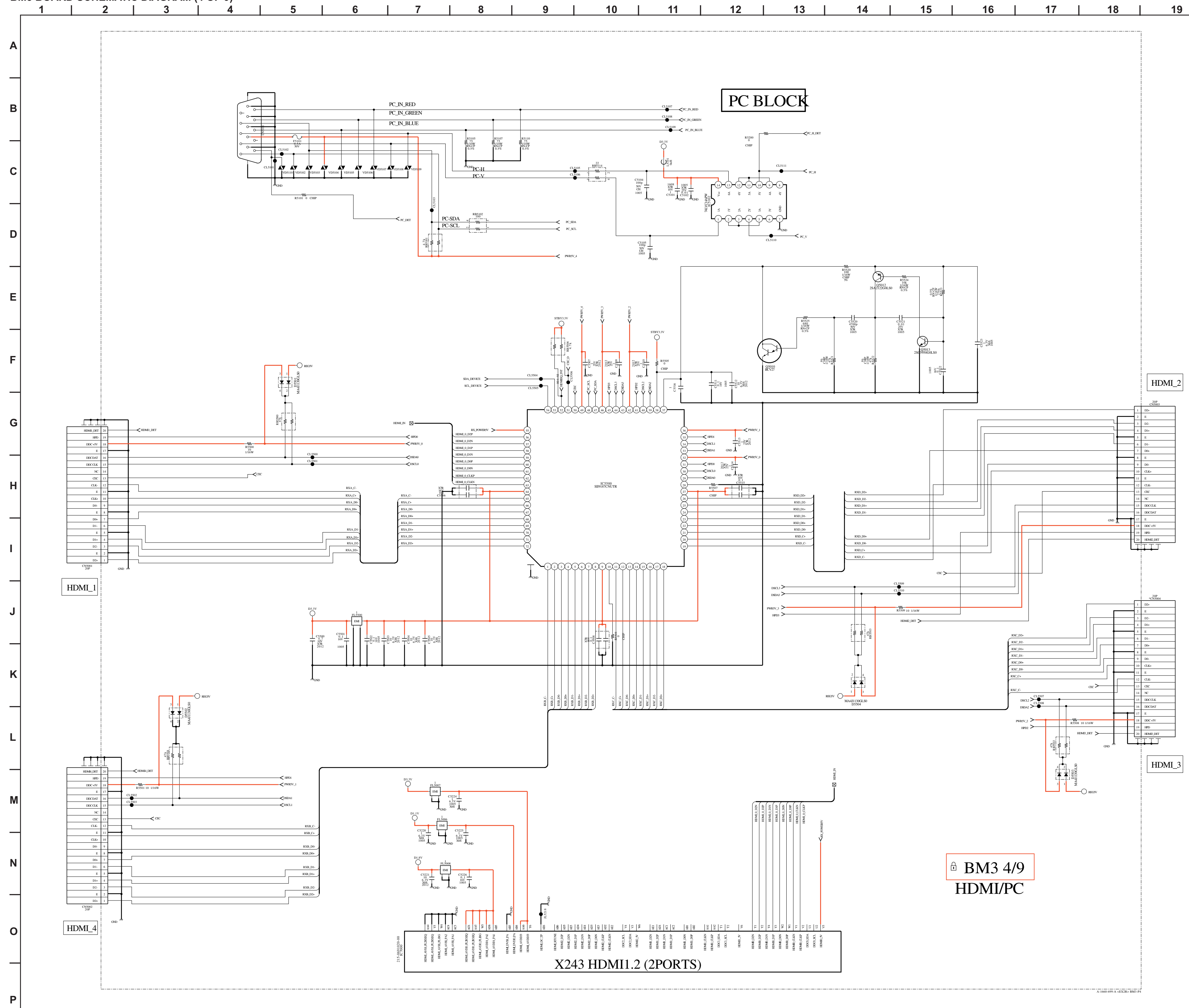


BM3 BOARD SCHEMATIC DIAGRAM (2 OF 9)

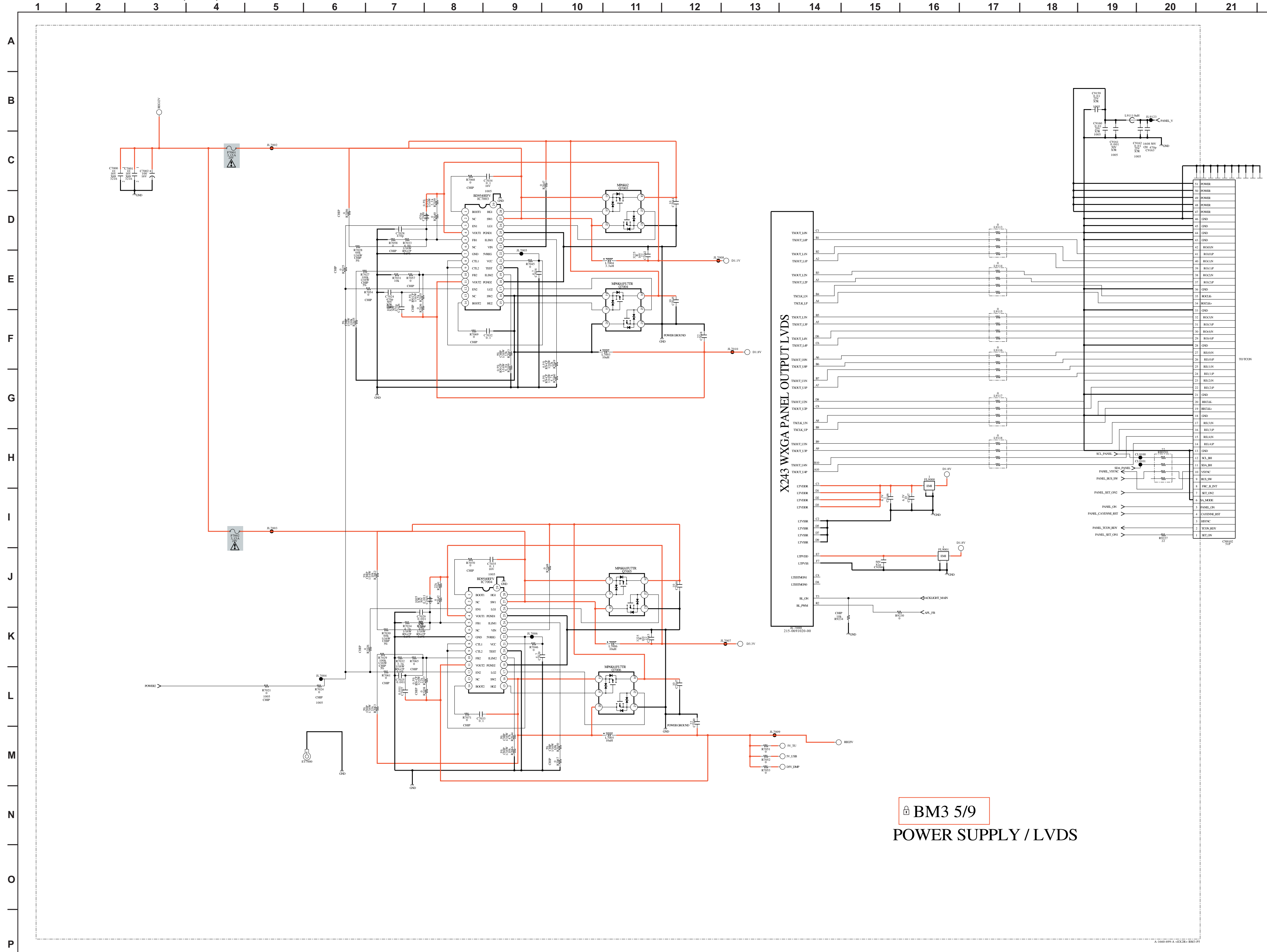


BM3 2/9
AUDIO

BM3 BOARD SCHEMATIC DIAGRAM (4 OF 9)

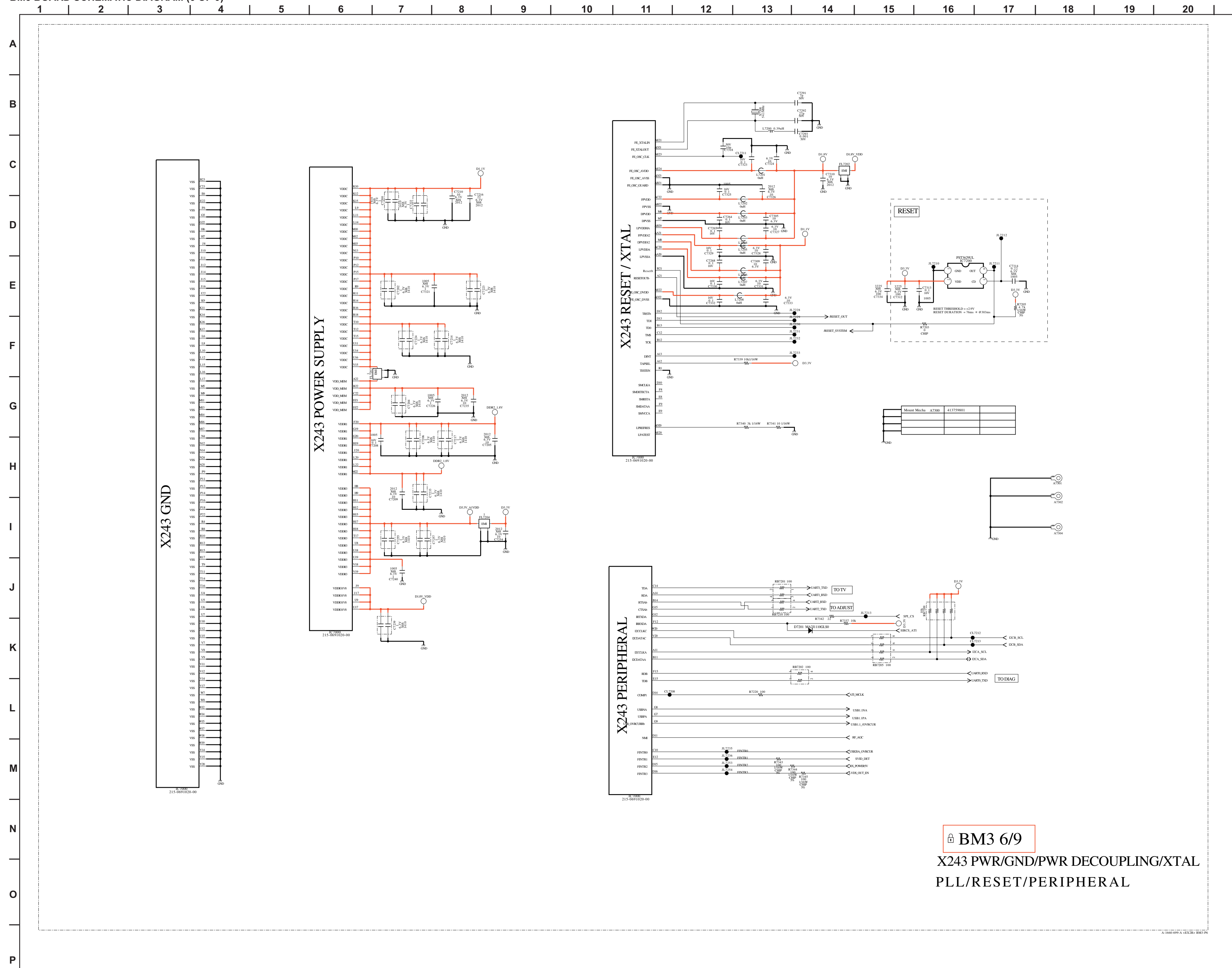


BM3 BOARD SCHEMATIC DIAGRAM (5 OF 9)



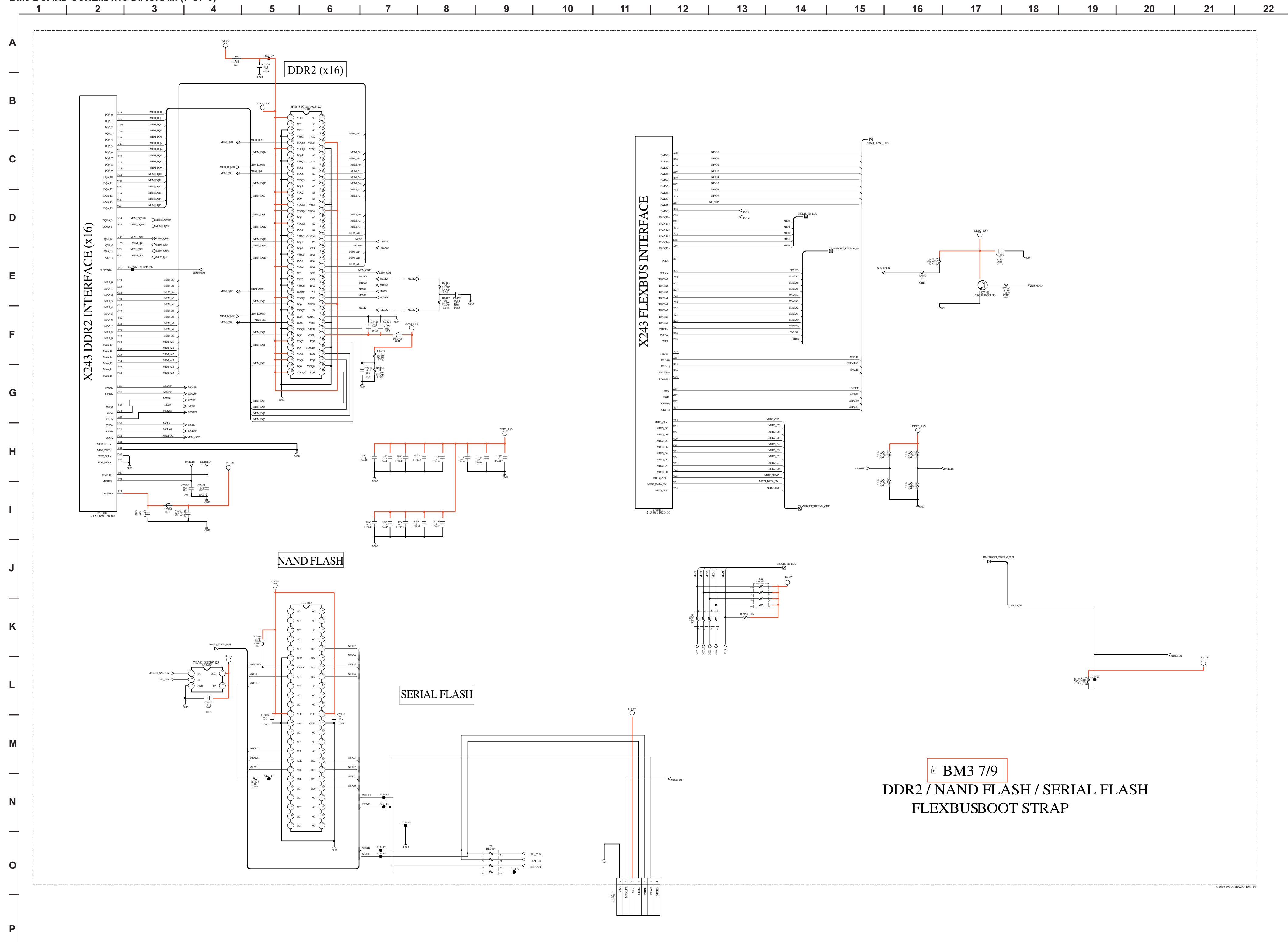
BM3 5/9
POWER SUPPLY / LVDS

BM3 BOARD SCHEMATIC DIAGRAM (6 OF 9)

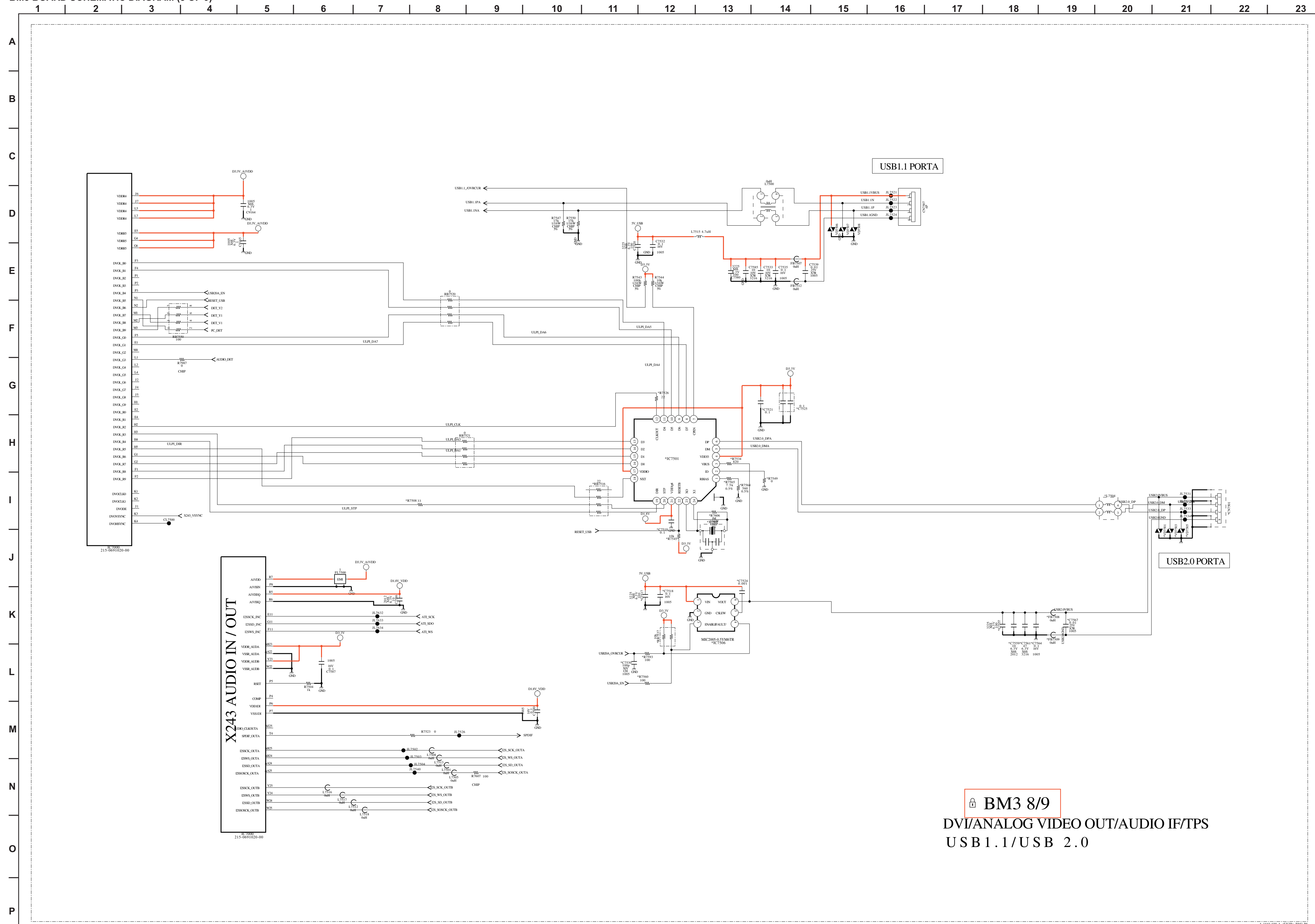


BM3 6/9
 X243 PWR/GND/PWR DECOUPLING/XTAL
 PLL/RESET/PERIPHERAL

BM3 BOARD SCHEMATIC DIAGRAM (7 OF 9)

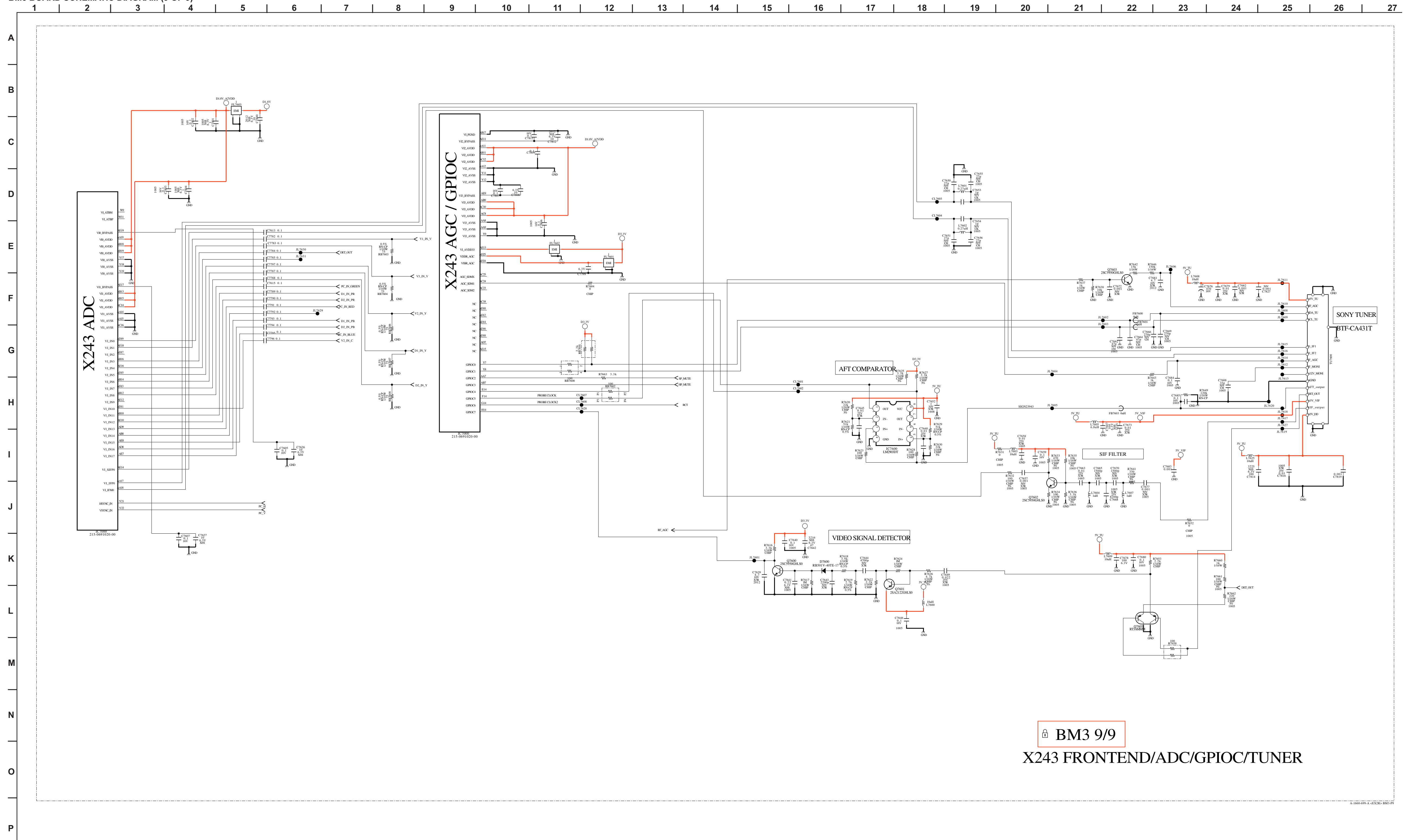


BM3 BOARD SCHEMATIC DIAGRAM (8 OF 9)



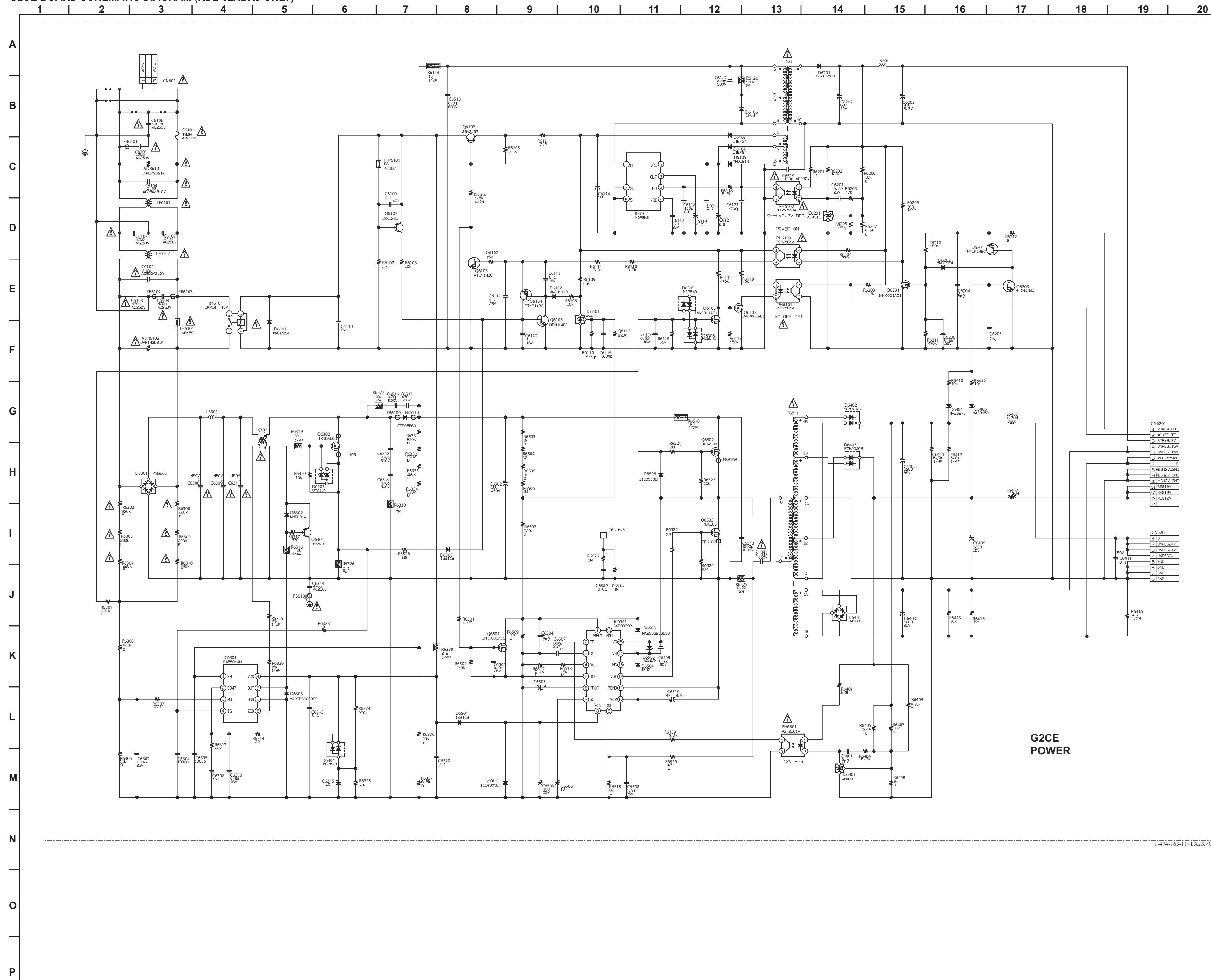
BM3 8/9
 DVI/ANALOG VIDEO OUT/AUDIO IF/TPS
 USB 1.1 / USB 2.0

BM3 BOARD SCHEMATIC DIAGRAM (9 OF 9)



BM3 9/9
 X243 FRONTEND/ADC/GPIOC/TUNER

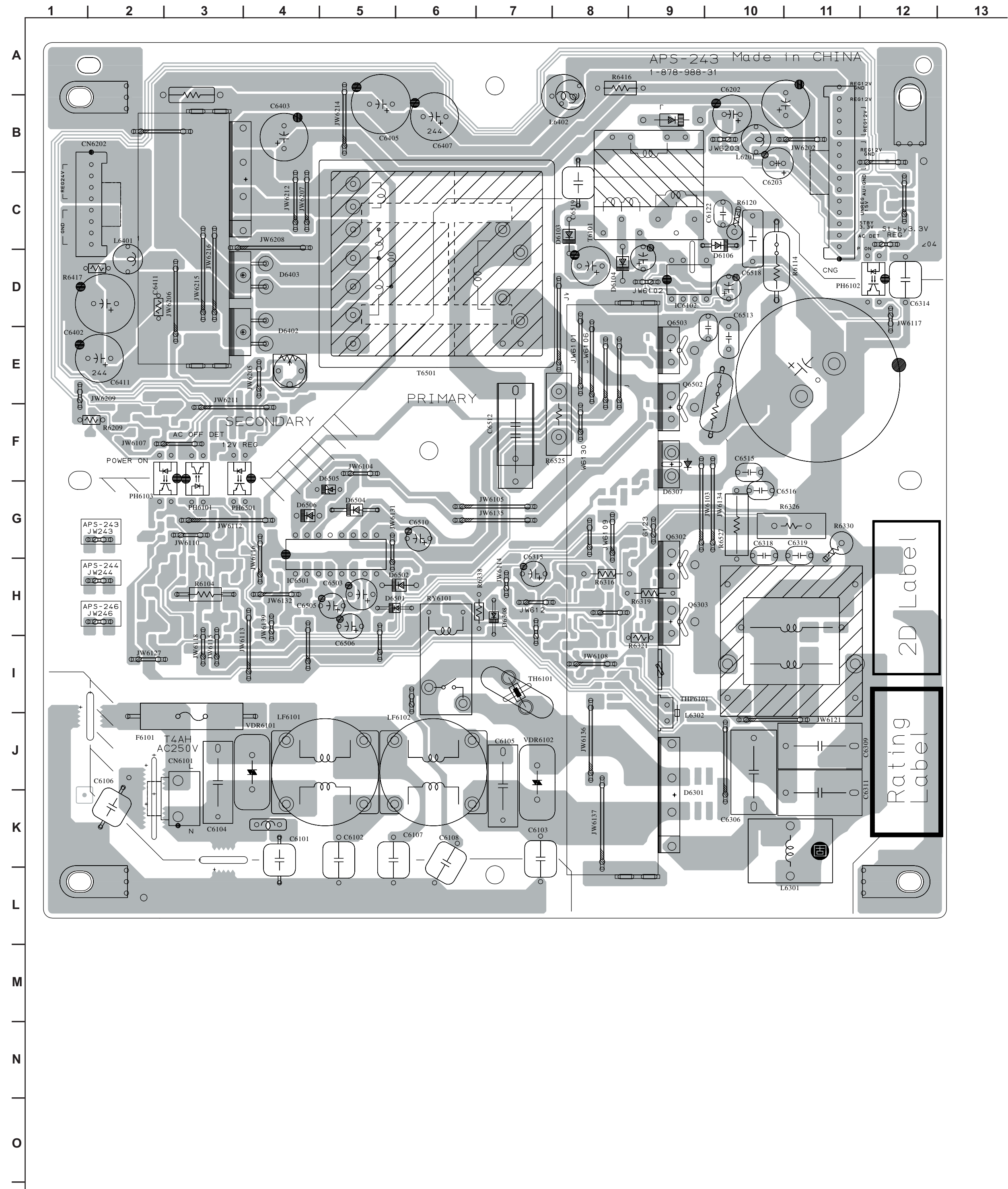
G2CE BOARD SCHEMATIC DIAGRAM (KDL-32XBR9 ONLY)



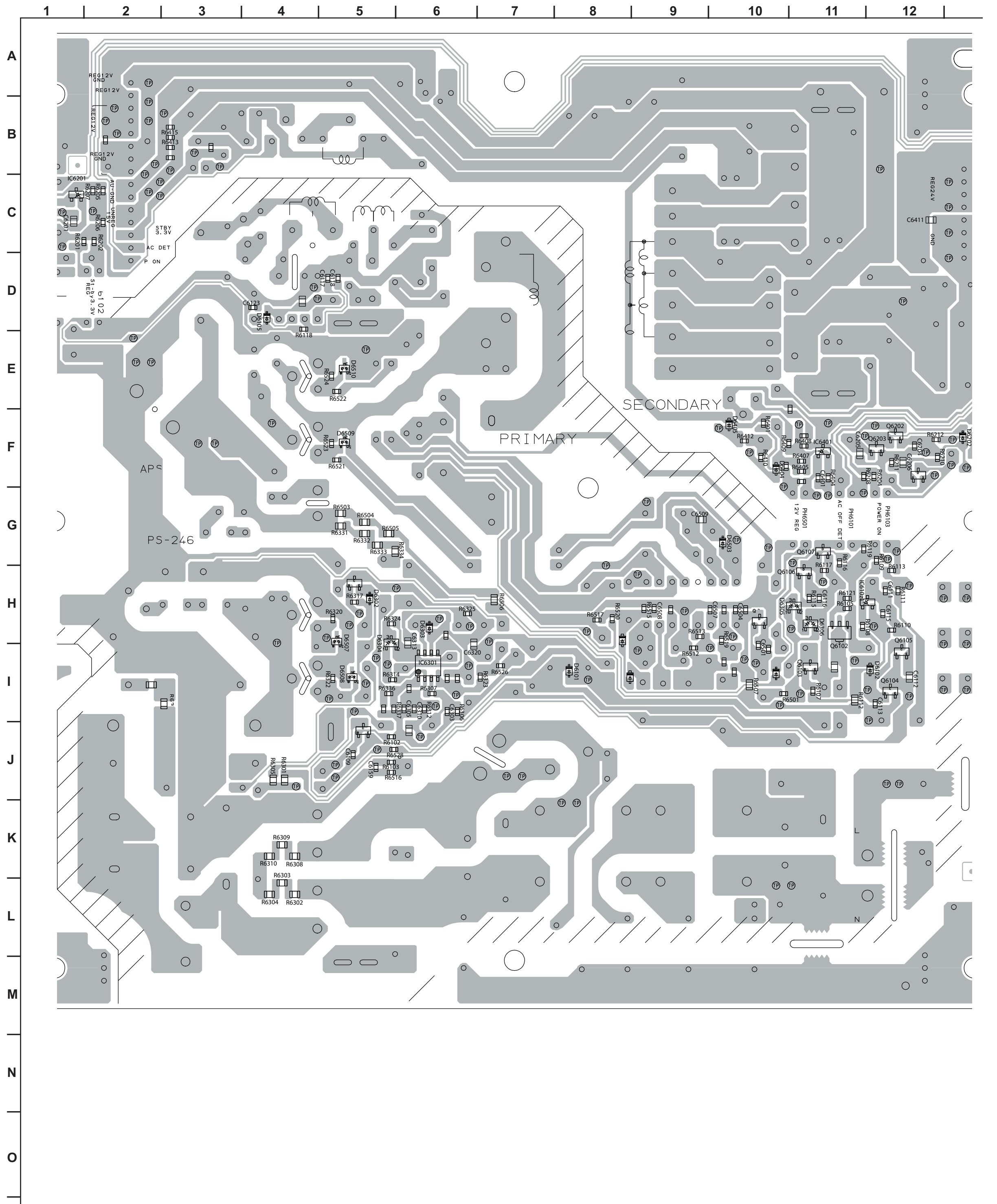
G2CE POWER

1-474-163-11-EX2K-G2BE

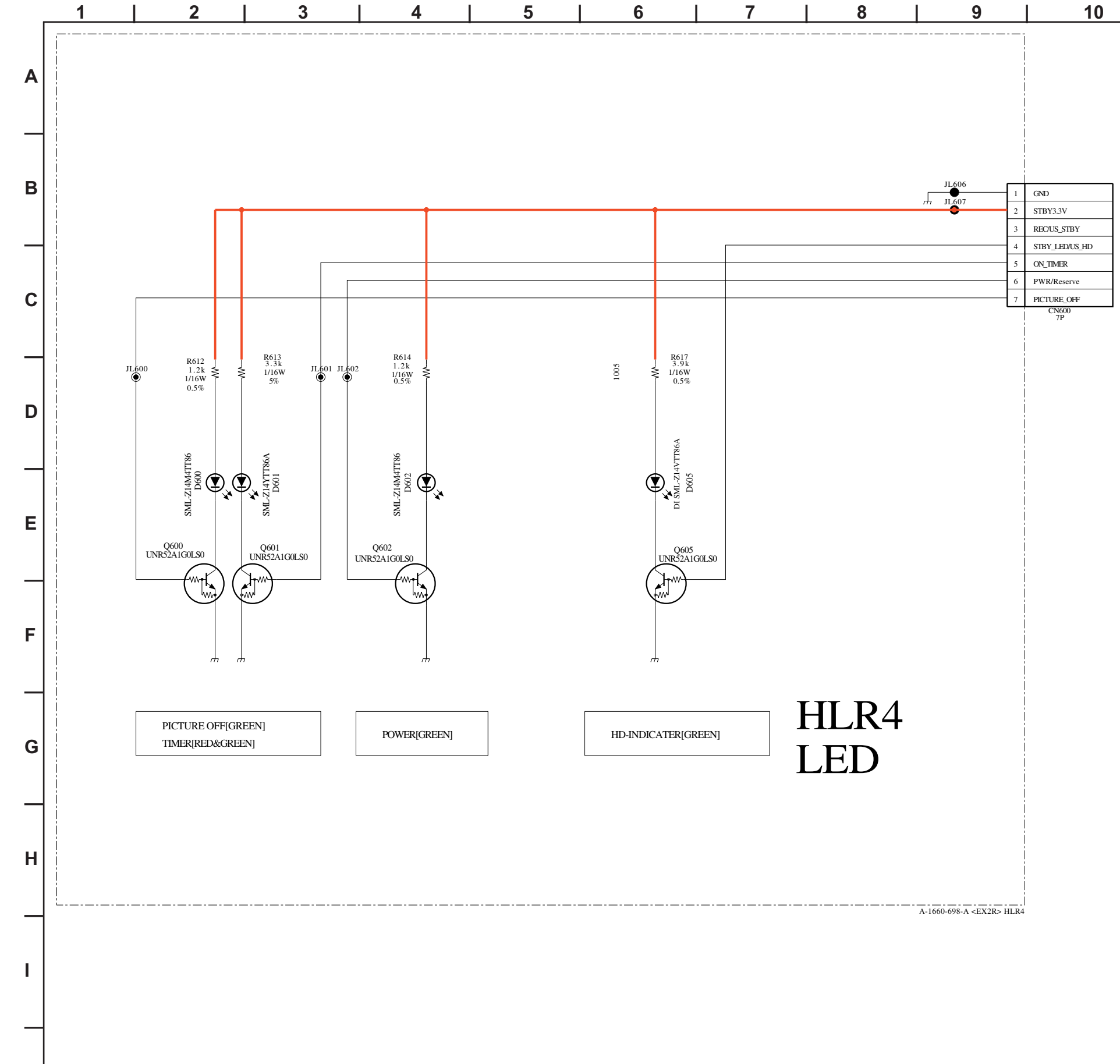
G2CE [POWER]
COMPONENT SIDE (KDL-32XBR9 ONLY)



G2CE [POWER]
CONDUCTOR SIDE (KDL-32XBR9 ONLY)



HLR4 BOARD SCHEMATIC DIAGRAM



| | |
|---|---------------|
| 1 | GND |
| 2 | STBY3.3V |
| 3 | RECUS_STBY |
| 4 | STBY_LEDUS_HD |
| 5 | ON_TIMER |
| 6 | PWR/Reserve |
| 7 | PICTURE_OFF |

CN600
7P

PICTURE OFF[GREEN]
TIMER[RED&GREEN]

POWER[GREEN]

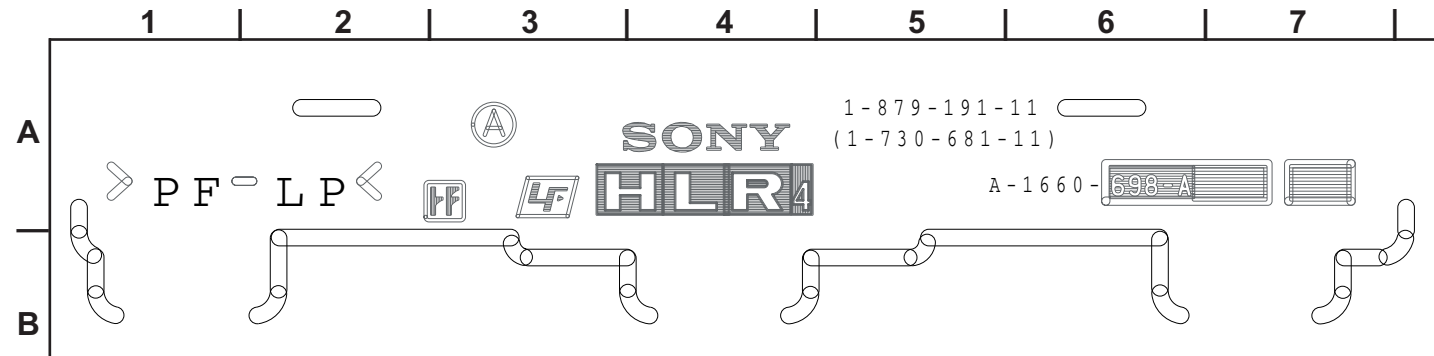
HD-INDICATER[GREEN]

HLR4
LED

A-1660-698-A <EX2R> HLR4

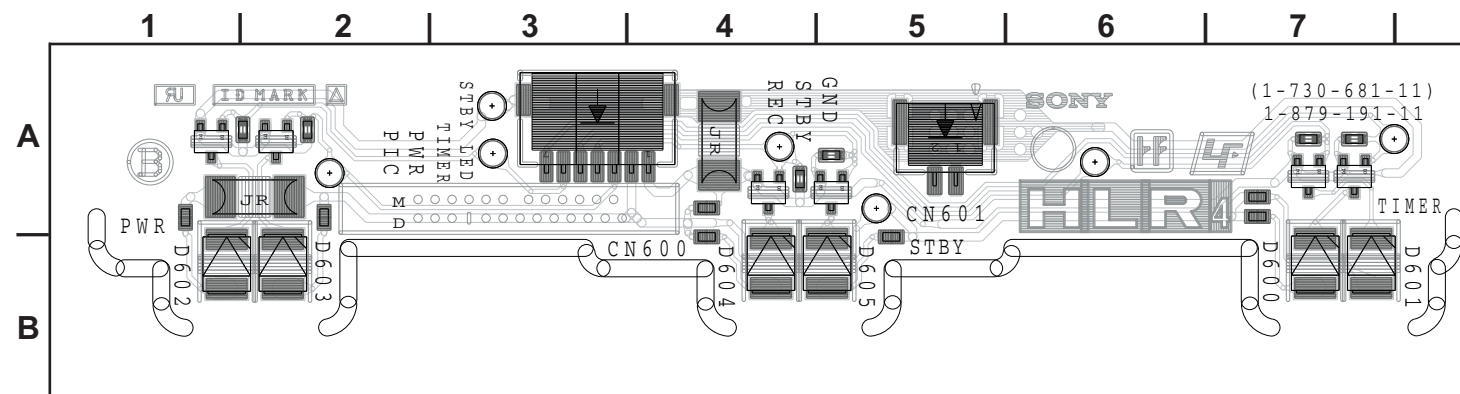
HLR4^[LED]

COMPONENT SIDE

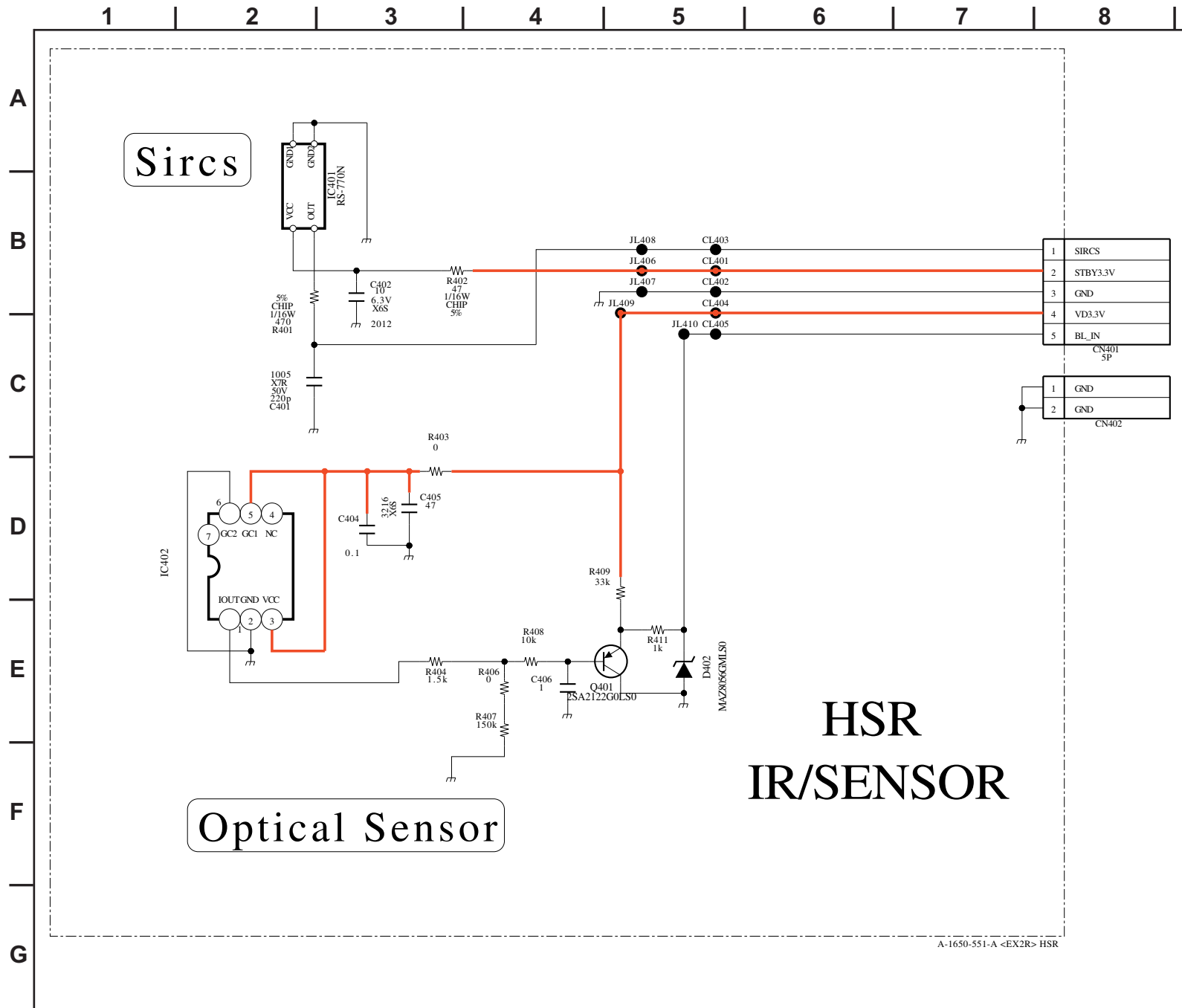


HLR4^[LED]

CONDUCTOR SIDE

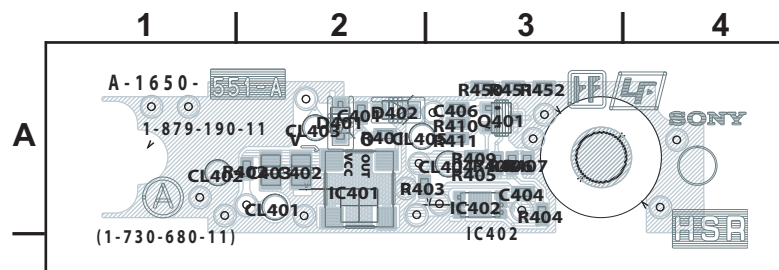


HSR BOARD SCHEMATIC DIAGRAM

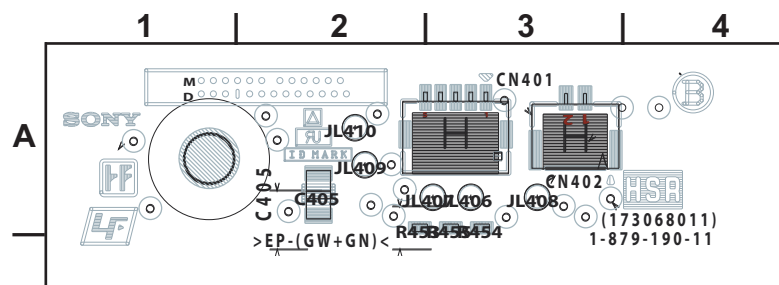


A-1650-551-A <EX2R> HSR

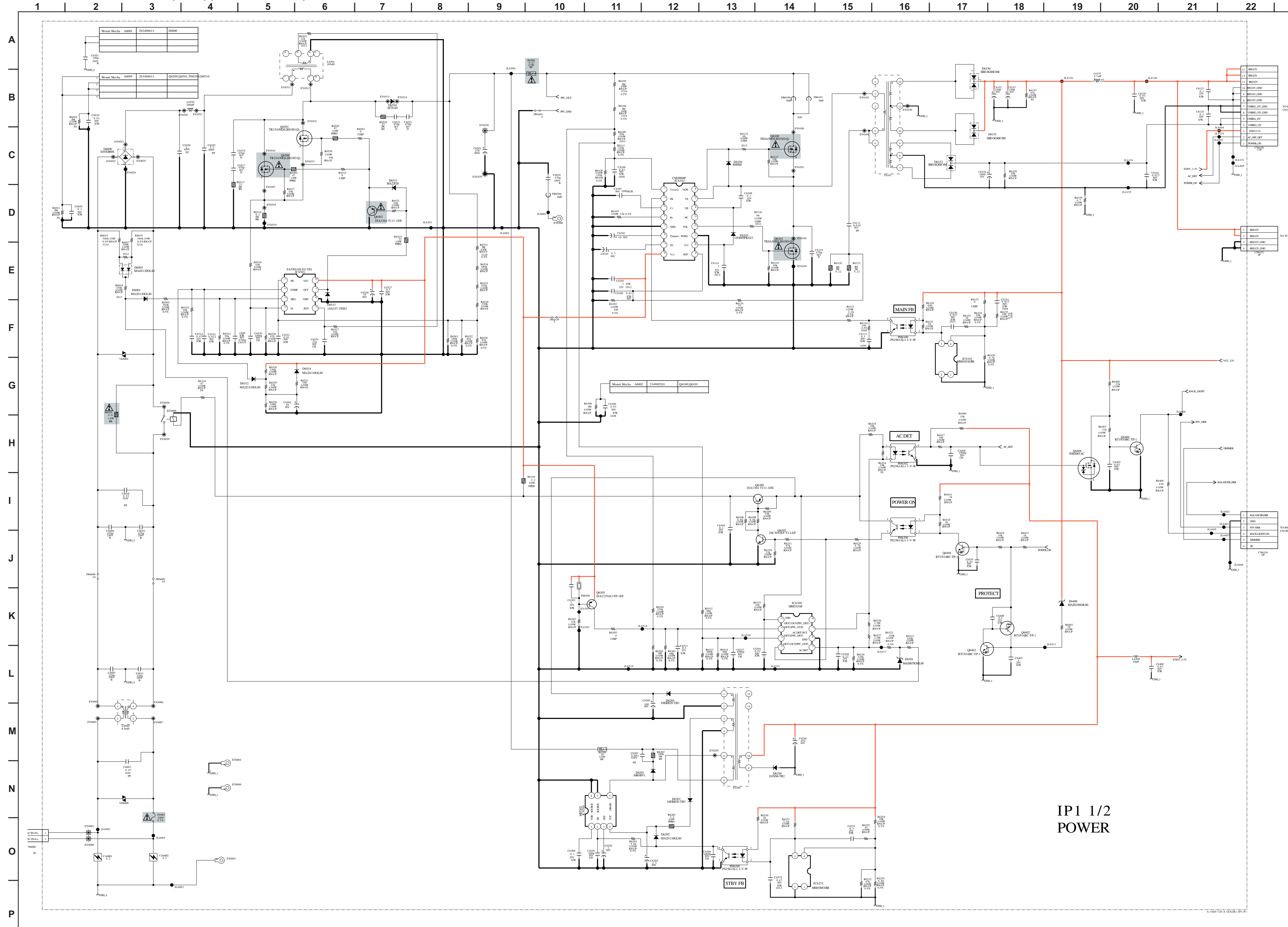
HSR [IR/SENSOR]
COMPONENT SIDE



HSR [IR/SENSOR]
CONDUCTOR SIDE

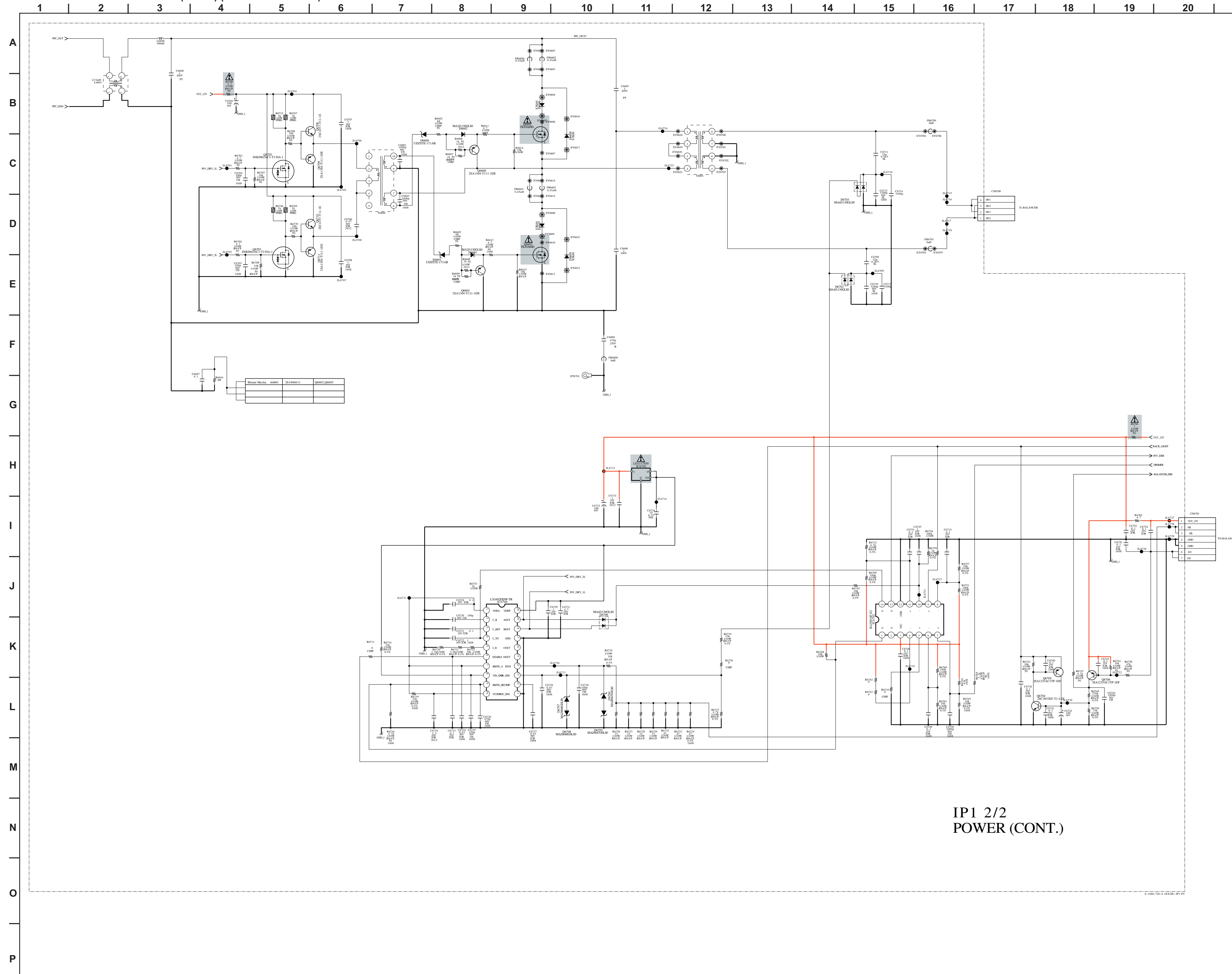


IP1 BOARD SCHEMATIC DIAGRAM (1 OF 2) (KDL-40V5100 ONLY)

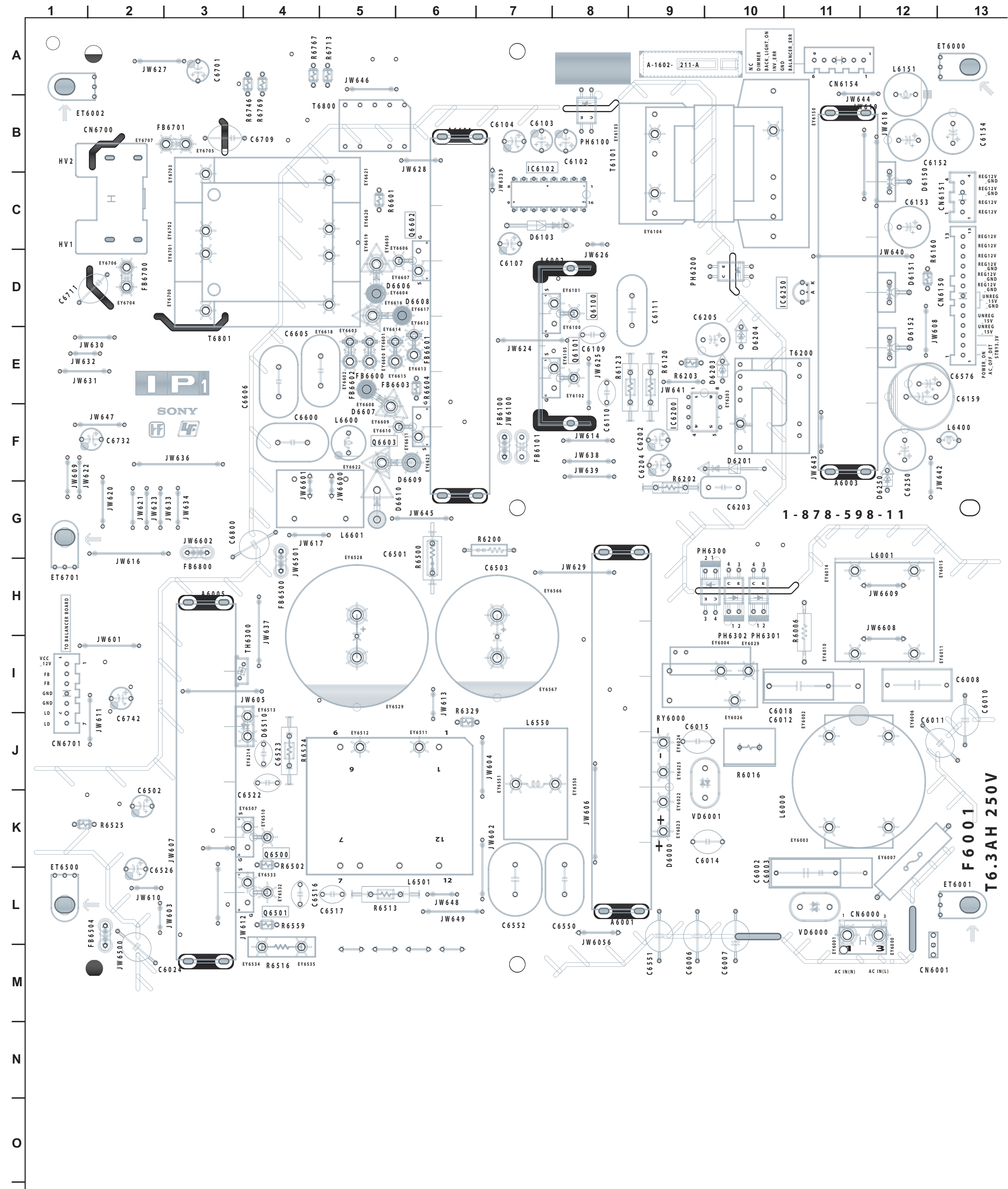


IP1 1/2
POWER

IP1 BOARD SCHEMATIC DIAGRAM (2 OF 2) (KDL-40V5100 ONLY)



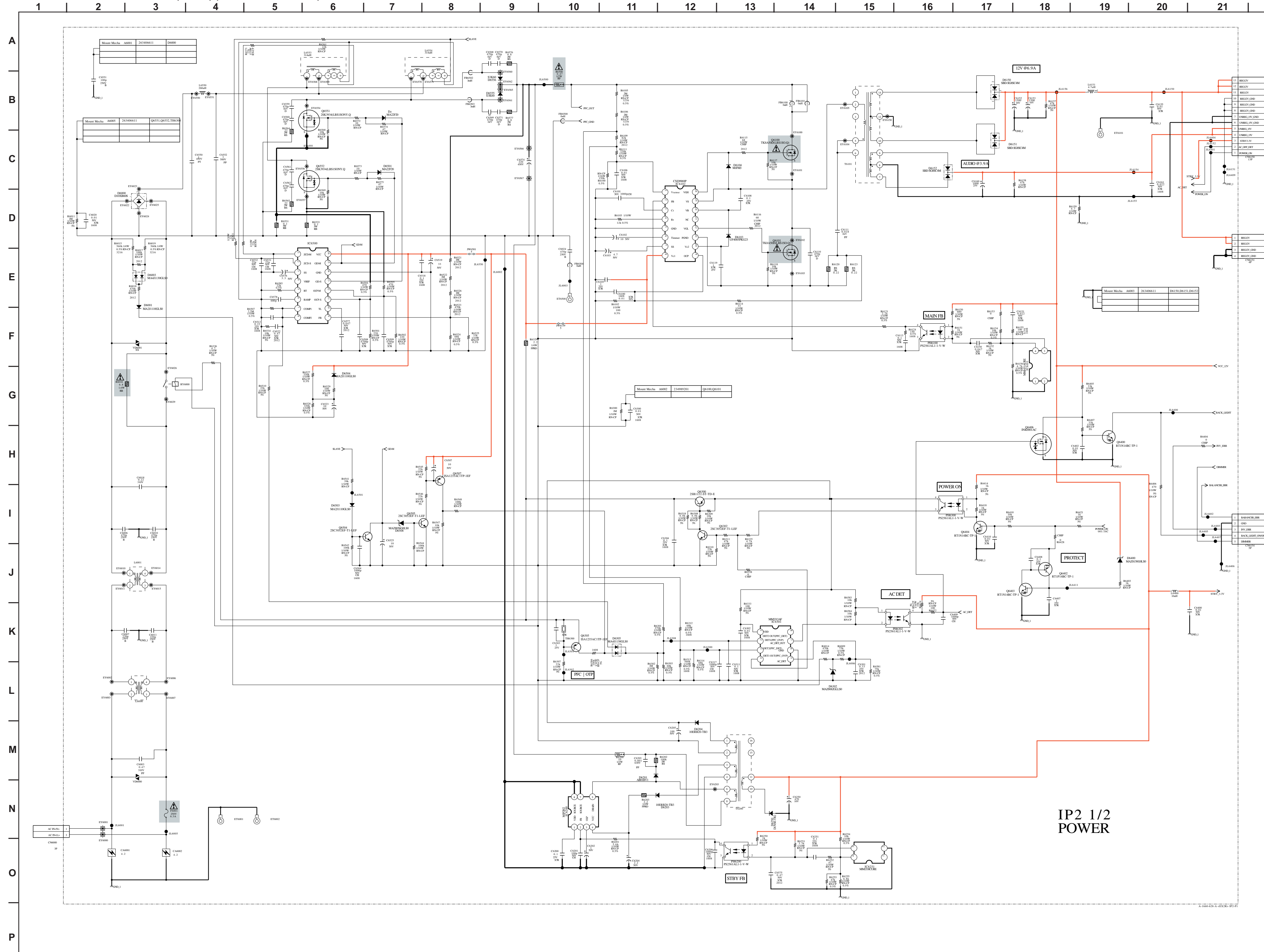
IP1 [POWER]
COMPONENT SIDE (KDL-40V5100 ONLY)



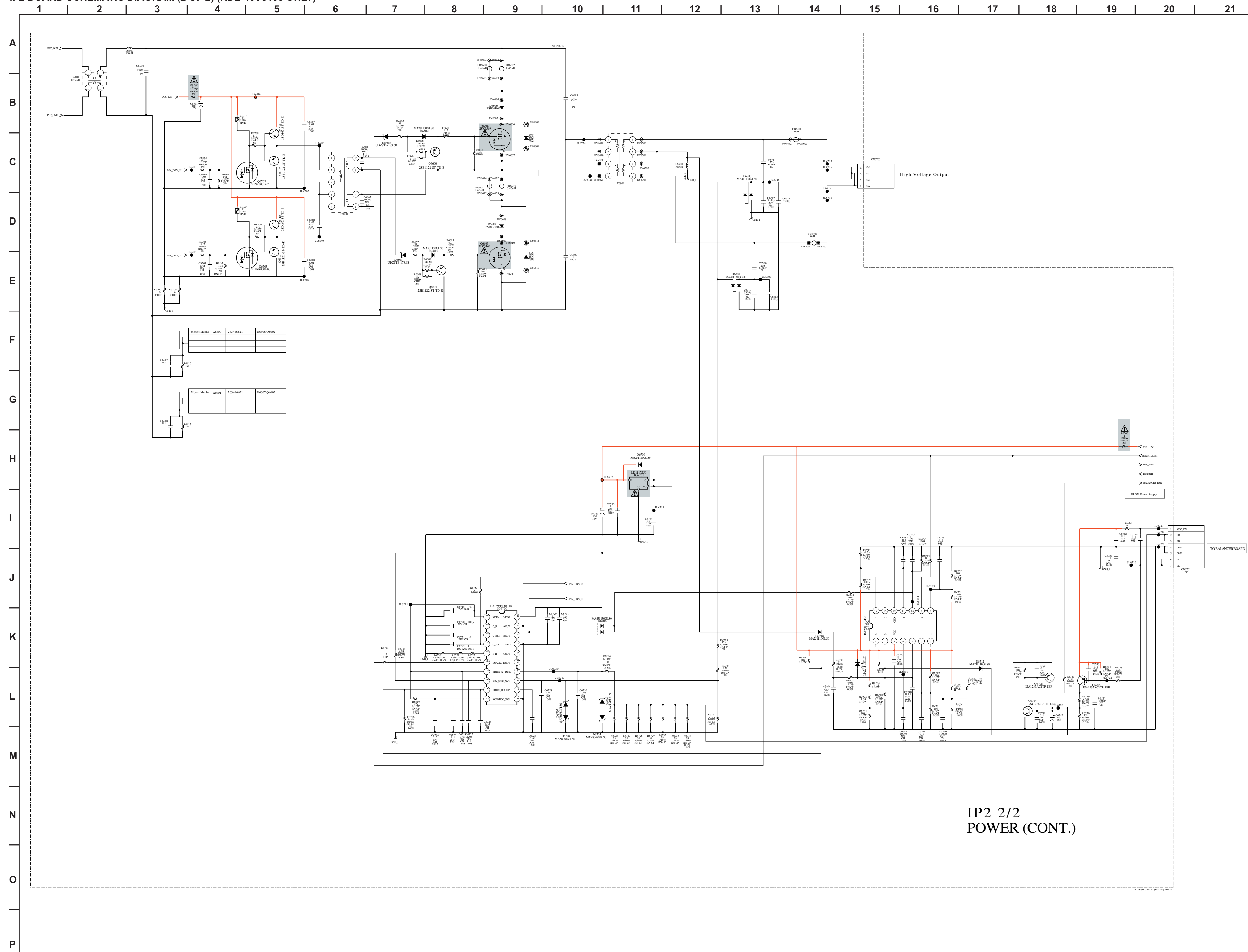
IP1 [POWER]
CONDUCTOR SIDE (KDL-40V5100 ONLY)



IP2 BOARD SCHEMATIC DIAGRAM (1 OF 2) (KDL-46VS100 ONLY)

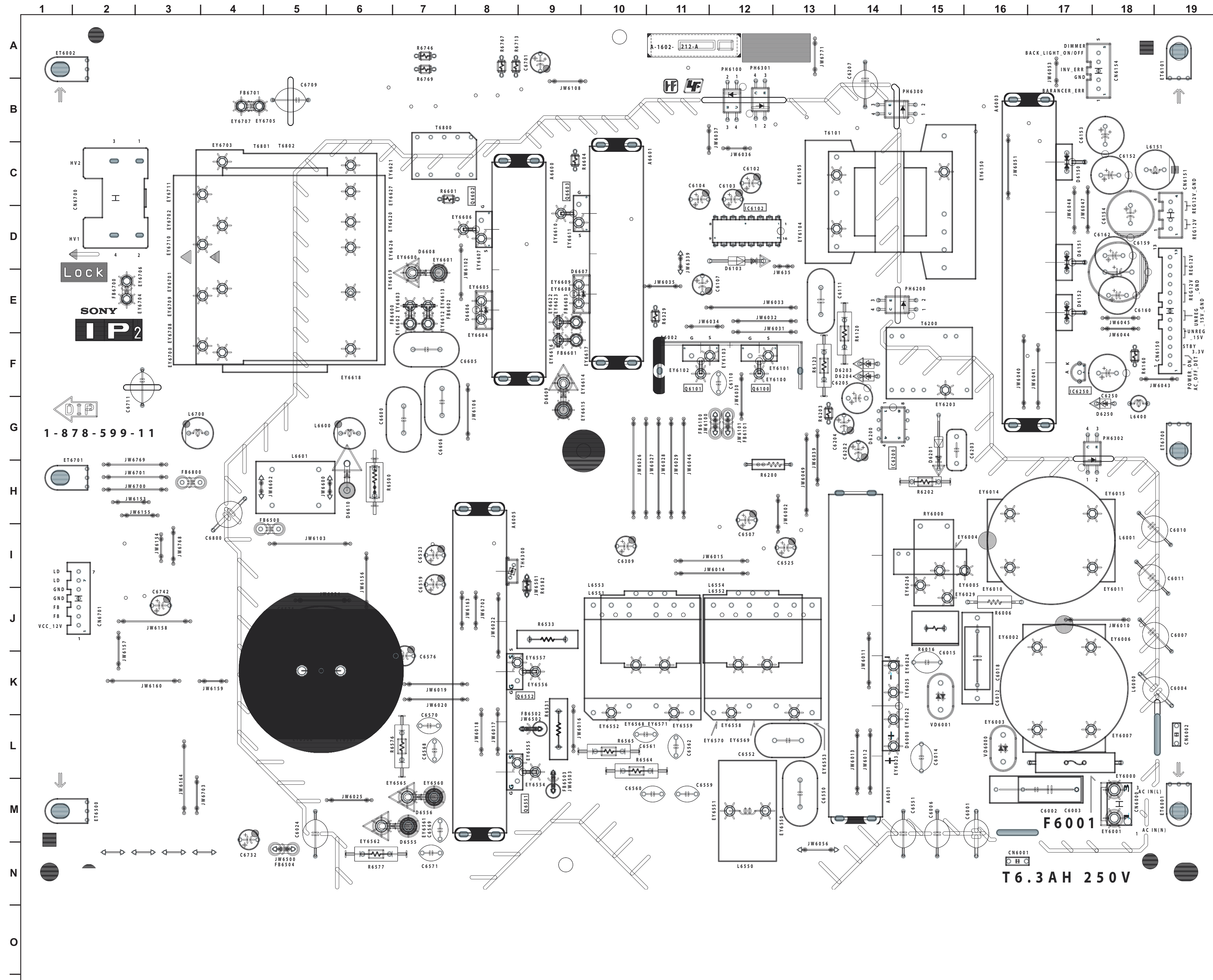


IP2 BOARD SCHEMATIC DIAGRAM (2 OF 2) (KDL-46V5100 ONLY)



IP2 2/2
POWER (CONT.)

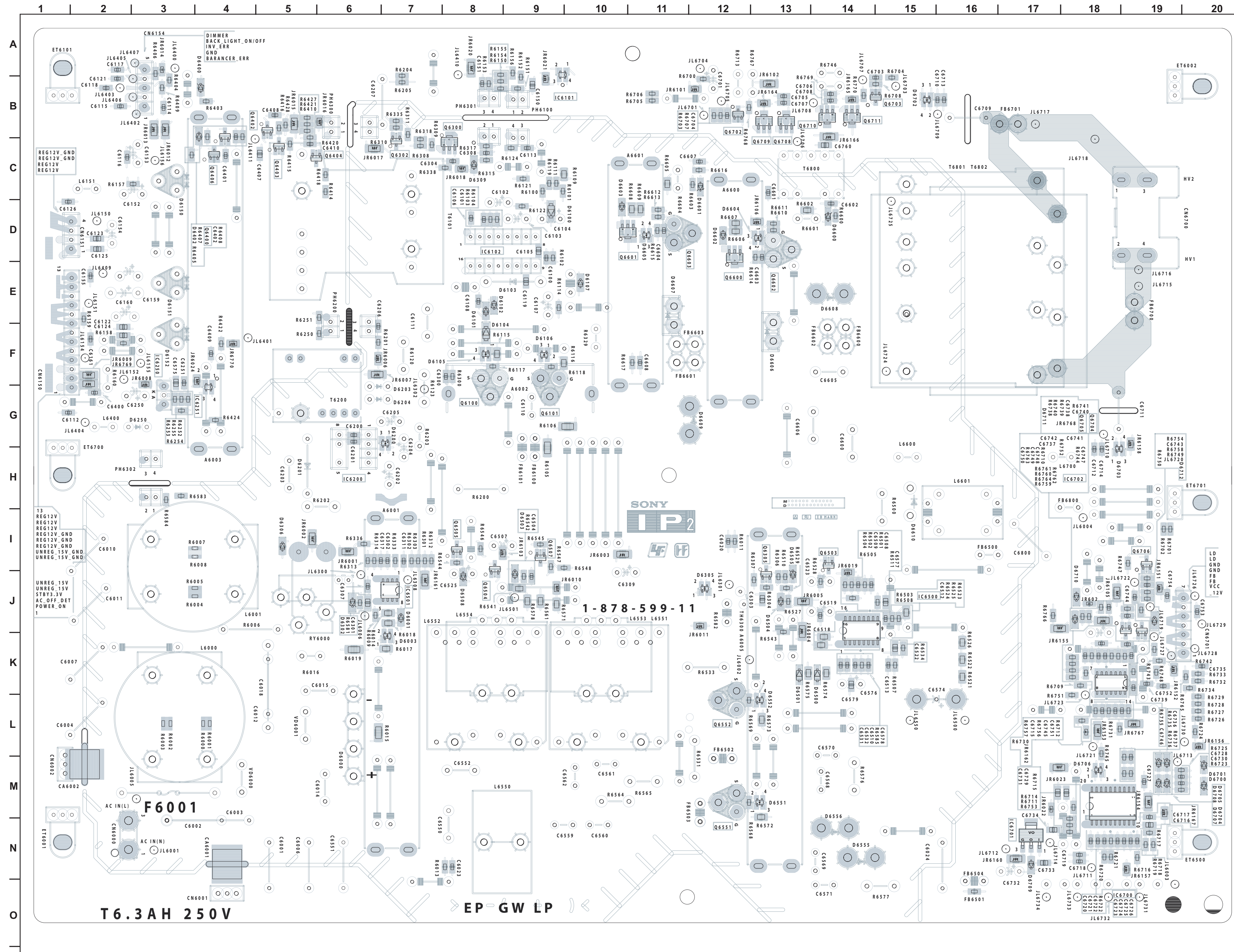
IP2 [POWER]
COMPONENT SIDE (KDL-46V5100 ONLY)



1-878-599-11

T6.3AH 250V

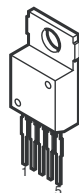
IP2 [POWER]
CONDUCTOR SIDE (KDL-46V5100 ONLY)



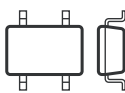
3-5. SEMICONDUCTORS

IC

BA00AST-V5

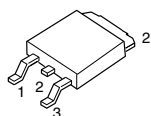


BA05FP-E2
BA09FP-E2
S-1111B33MC-NYSTFG
S-80928CNMC-G8YT2G
TC7SZ125FU(TE85R)

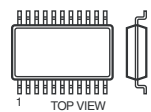


5Pin CHIP

BA18BC0FP-E2
BA25BC0FP-E2

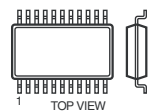


BR24L02F-WE2
CS4335-KSZR
FA5501N-TE1
LM75CIMX-3
M24128-BWMN6T(A)
M24C02-WMN6T(B)
NJM2521V(TE2)
NJM3414AV(TE2)
RC4558DR
RC4558PWR



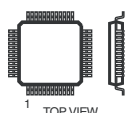
8Pin SOP

CD4052BNSR
FMS6418AM16X



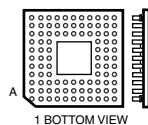
16Pin SOP

CXA2188Q-T4



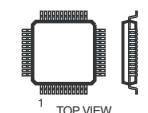
40Pin QFP

EM6A9320BI-5MG



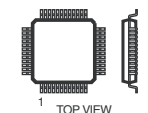
144Pin PGA

HD6433692A39FXV
HD64F3694FXV-DA4
TPA3004D2PHPR



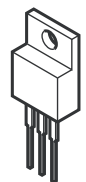
48Pin QFP

HD64F2378-12681-01

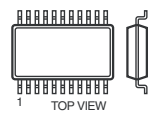


144Pin QFP

L88M05T-FA-TL



M52347FP-TE

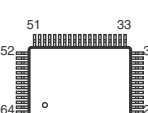


20Pin SOP

MM1431ATT

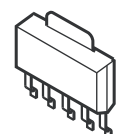


NJW1149AFH1

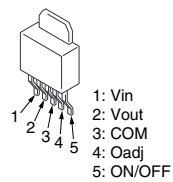


TOP VIEW

PQ1CY1032ZP

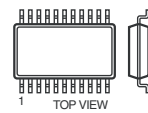


PQ1CZ41H2ZPH

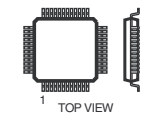


1: Vin
2: Vout
3: COM
4: Oadj
5: ON/OFF

RV5C387A-E2-FB

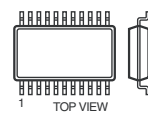


SIH9993CTG100



100Pin QFP

SN74LV132APWR
SN74LVC14APWR



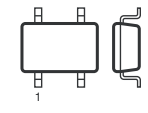
14Pin SOP

STR-A6169



8Pin DIP

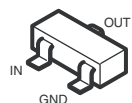
TK11819MTL



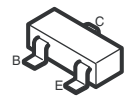
6Pin CHIP

TRANSISTOR

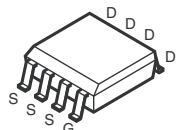
DTC114EU
DTC114EUAFT106



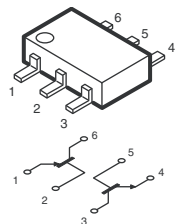
DTC114EUA-T106
DTC115EUA-T106
DTC144WKA-T146
DTC314TK-T-146
DTC323TK
DTC323TKT146
MUN2211T1
MUN2212T1
MUN5213T1
PDTC114EK-115
UN2211
2PA1576R-115
2PC4081R-115
2PD601AR-115
2SA1037AK-T146-QR
2SA1037AK-T146-R
2SA1576A-T106-QR
2SA1774R
2SA1774TL-QR
2SC1623-L5L6
2SC2412K-T-146-QR
2SC4081-R
2SC4081T106R
2SC4617R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



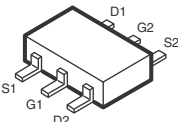
FDS6690A



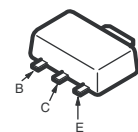
HN1B01FU-TE85R



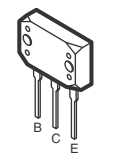
SSM6N15FU(TE85R)



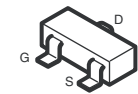
2SB1122-S
2SB1122-ST-TD-E
2SD1621-ST
2SD1621ST-TD-E



2SD2114KT146

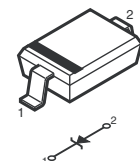


2SK2158-T2B

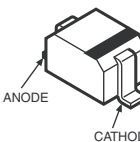


DIODE

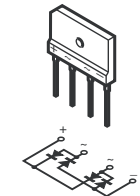
BAS316-115
EP05FA20
MM3Z10VT1
MM3Z11VT1
MM3Z13VT1
MM3Z18VST1
MM3Z22VT1
MM3Z2V4T1
MM3Z5V6ST1
MM3Z6V2ST1
MM3Z6V8ST1
MM3Z8V2ST1



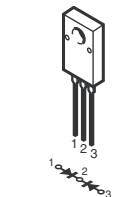
BAT54HT1
DTZ10B
HZU5.6GTRF
MA113-(TX)
MMDL914T1
RD5.6SB-T1
UDZ-TE-17-18B
UDZ-TE-17-6.2B
UDZ-TE-17-6.8B



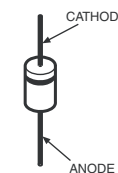
D10SBS4
D10SBS4F
D2SB60A-F04
D4SB60L



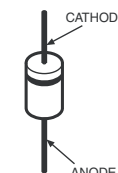
D10SC6M



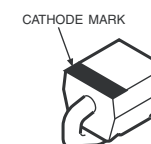
D1NL40-TA2
D1NL40-TR2
ERA22-08



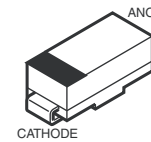
D1NS6
D1NS6-TR
ERA22-06AVRBT
UF4005PKG23
10ERB20-TB3
1N5404TU



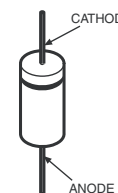
EC10QS-04
EC10QS04-TE12L5



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



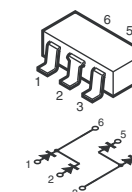
ERA22-08KFLB



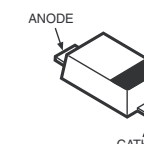
FSF05A60



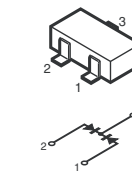
HN1D03FU-TE85L
HN1D03FU-TE85R



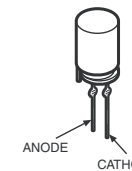
M1FM3



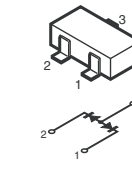
MA132WK
MA132WK-TX
MA151WK-TX
1SS184



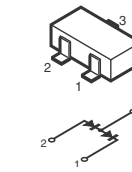
UDZSTE-1710B



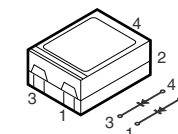
UMZ16NT106



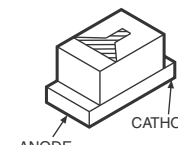
1PS302



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.

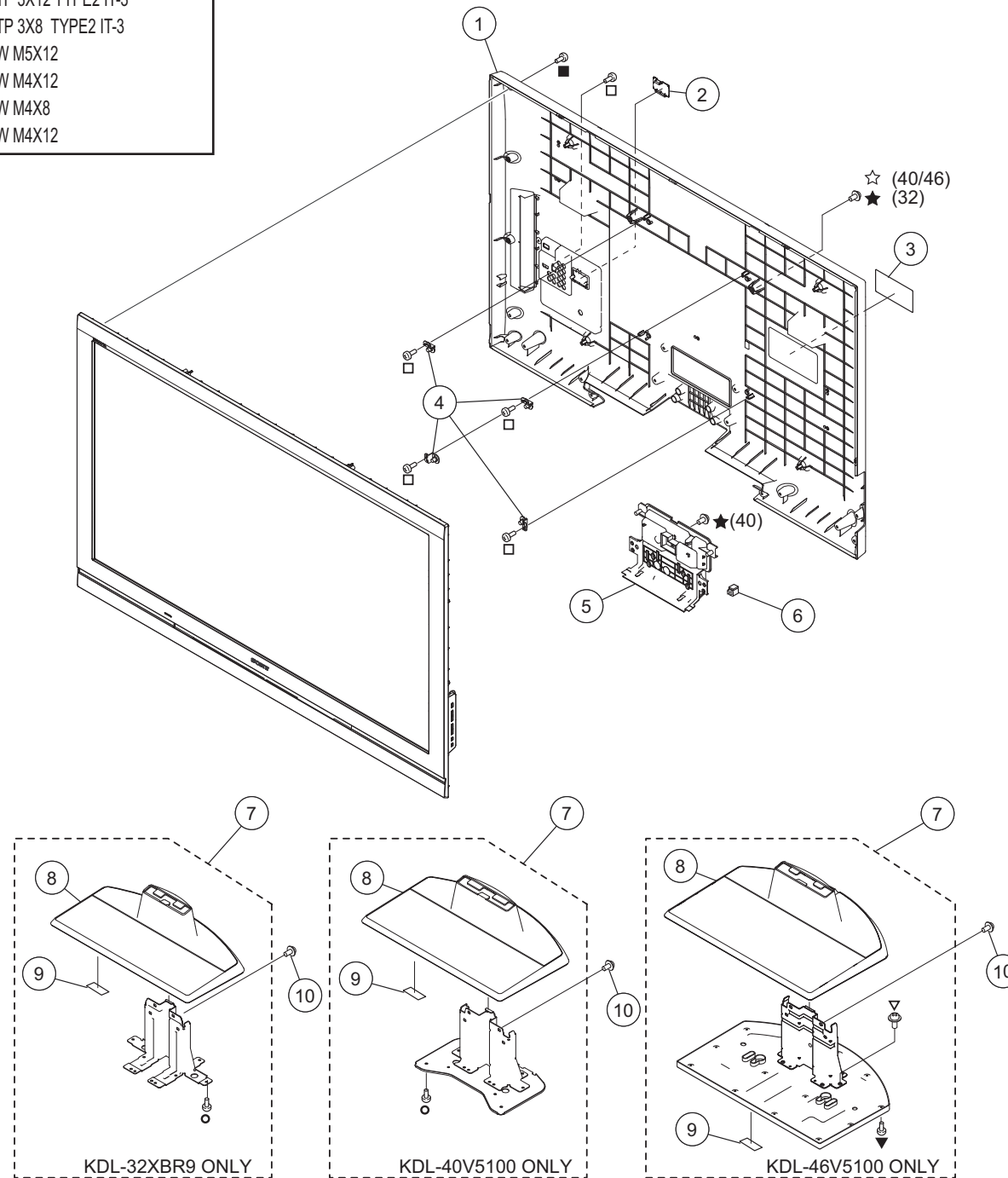
NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

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 ASSEMBLY AND TABLE-TOP STAND ASSEMBLY

(Check the [Sony Electronics Service Information](#) website for any additional service related issues for this model.)

- 2-580-640-01 SCREW, +BVTP2 4X16
- 7-685-648-79 SCREW, +BVTP 3X12 TYPE2 IT-3
- ▼ 7-685-646-79 SCREW, +BVTP 3X8 TYPE2 IT-3
- ▽ 2-580-607-01 SCREW, +PSW M5X12
- 2-580-602-01 SCREW, +PSW M4X12
- ☆ 2-580-600-01 SCREW, +PSW M4X8
- 2-580-639-01 SCREW, +PSW M4X12



| REF. NO. | PART NO. | DESCRIPTION | [ASSEMBLY INCLUDES] | REF. NO. | PART NO. | DESCRIPTION | [ASSEMBLY INCLUDES] |
|----------|--------------|--|--|----------|--------------|---|---------------------|
| 1 | 4-119-672-01 | REAR COVER (32) (KDL-32XBR9 ONLY) | | 6 | 4-022-115-00 | HOLDER, AC CORD | |
| 1 | 4-119-655-01 | REAR COVER (40) (KDL-40V5100 ONLY) | | 7 | A-1727-610-A | STAND (SVC) ASSY (M4) (KDL-32XBR9 ONLY) | [8-9] |
| 1 | 4-119-642-01 | REAR COVER (46) (KDL-46V5100 ONLY) | | 7 | A-1727-611-A | STAND (SVC) ASSY (ML4) (KDL-40V5100 ONLY) | [8-9] |
| 2 | 3-297-324-01 | COVER, ECS | | 7 | A-1727-612-A | STAND (SVC) ASSY (L4A) (KDL-46V5100 ONLY) | [8-9] |
| * | 3 | 4-131-042-01 | LABEL, INFORMATION (KDL-32XBR9 ONLY) (US/CND/LATIN/MX) | 8 | A-1718-254-A | STAND COVER ASSY (M4) (KDL-32XBR9 ONLY) | |
| * | 3 | 4-141-151-01 | LABEL, INFORMATION (KDL-32XBR9 ONLY) (CHILE/PERU) | 8 | A-1718-255-A | STAND COVER ASSY (ML4) (KDL-40V5100 ONLY) | |
| * | 3 | 4-131-043-01 | LABEL, INFORMATION (KDL-40V5100 ONLY) (US/CND/LATIN/MX) | 8 | A1718-253-A | STAND COVER ASSY (L4A) (KDL-46V5100 ONLY) | |
| * | 3 | 4-141-152-01 | LABEL, INFORMATION (KDL-40V5100 ONLY) (CHILE/PERU) | 9 | 3-295-631-01 | FOOT (15X20) (KDL-32XBR9/40V5100 ONLY) | |
| * | 3 | 4-131-044-01 | LABEL, INFORMATION (KDL-46V5100 ONLY) (US/CND/LATIN/MX) | 9 | 3-094-341-01 | FOOT (KDL-46V5100 ONLY) | |
| * | 3 | 4-141-153-01 | LABEL, INFORMATION (KDL-46V5100 ONLY) (CHILE/PERU) | 10 | 2-580-607-01 | SCREW, +PSW M5X12 (SCREWS TO ATTACH TABLE-TOP STAND TO LCD TV) | |
| 4 | 4-126-274-01 | FRAME, VESA (M6) | | | | For product protection and safety reasons, Sony strongly recommends that you use the screws provided with the TV. CAUTION: These screws cannot be used to secure the TV to Wall Mount Brackets. | |
| 5 | 4-124-402-01 | COVER, UNDER (S) (KDL-32XBR9 ONLY) | | | | | |
| 5 | 4-124-401-01 | COVER, UNDER (M) (KDL-40V5100/46V5100 ONLY) | | | | | |

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

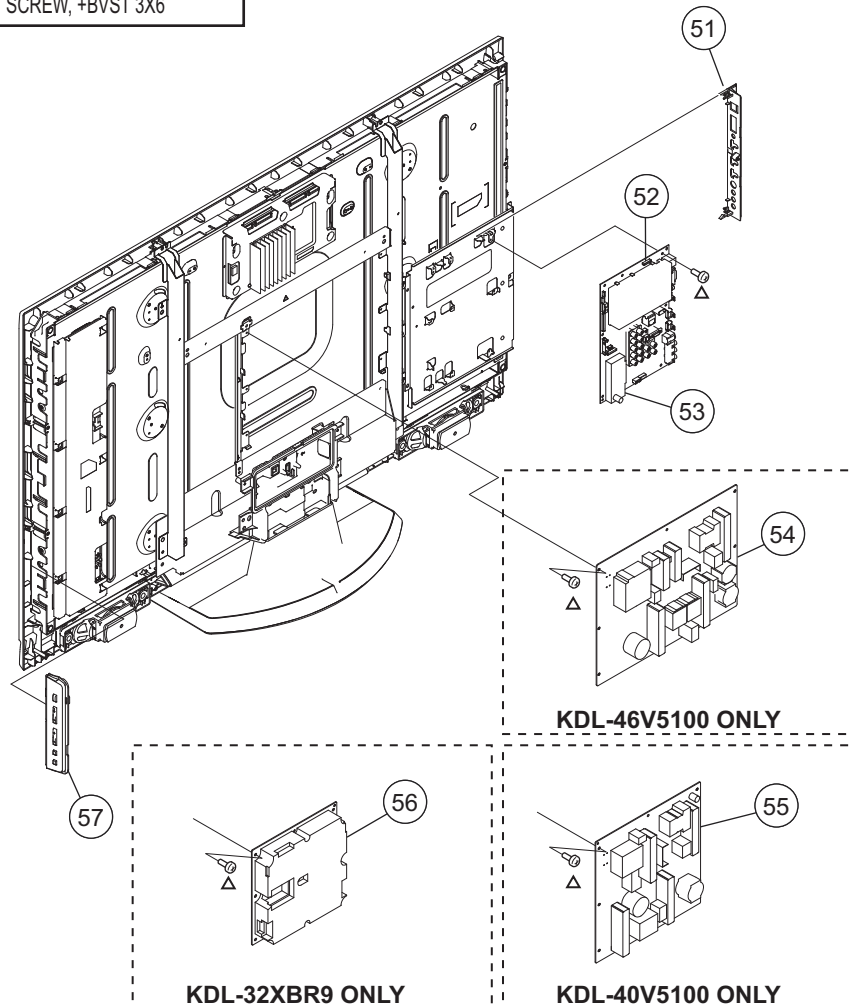
NOTE: Les composants identifiés par un trame et une marque \triangle sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

NOTE: The components identified by a red outline and a \mathfrak{L} 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


(Check the [Sony Electronics Service Information](#) website for any additional service related issues for this model.)


\triangle 2-580-628-01 SCREW, +BVST 3X6



| REF. NO. | PART NO. | DESCRIPTION | [ASSEMBLY INCLUDES] | REF. NO. | PART NO. | DESCRIPTION | [ASSEMBLY INCLUDES] |
|----------|-----------------------------|---|---------------------|----------|--------------|--|---------------------|
| 51 | 4-105-025-01 | BRACKET, SIDE JACK | | 54 | A-1660-728-A | IP2 BOARD, COMPLETE (KDL-46V5100 ONLY) | |
| 52 | \mathfrak{L} A-1727-318-A | BM3 BOARD, COMPLETE (KDL-32XBR9 ONLY) | | 55 | A-1660-720-A | IP1 BOARD, COMPLETE (KDL-40V5100 ONLY) | |
| 52 | \mathfrak{L} A-1727-316-A | BM3 BOARD, COMPLETE (KDL-40V5100 ONLY) | | 56 | 1-474-164-11 | POWER UNIT (G2CE BOARD) (KDL-32XBR9 ONLY) | |
| 52 | \mathfrak{L} A-1727-315-A | BM3 BOARD, COMPLETE (KDL-46V5100 ONLY) | | 57 | 1-487-232-11 | SWITCH UNIT (Contains HSW3 Board) | |
| 53 | 8-597-686-00 | TUNER, FSS-BTF-CA431T | | | | | |

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

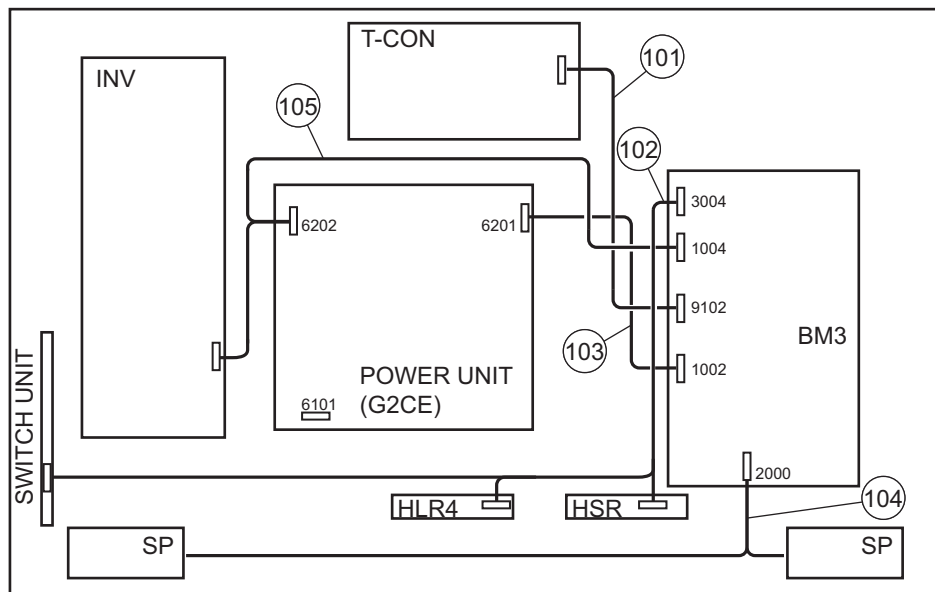
NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

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

4-3. CONNECTORS (KDL-32XBR9 ONLY)

(Check the [Sony Electronics Service Information](#) website for any additional service related issues for this model.)

NOTE: The LVDS cable can only be installed one way. There is colored tape on the cable to determine which side is attached to the TCON and which side is attached to the BM3 Board. Refer to Page 23. Refer to Page 34 for KDL-40V5100 and Page 45 for KDL-46V5100.



| REF. NO. | PART NO. | DESCRIPTION | [ASSEMBLY INCLUDES] | REF. NO. | PART NO. | DESCRIPTION | [ASSEMBLY INCLUDES] |
|----------|--------------|-------------------------------|---------------------|----------|--------------|------------------------------|---------------------|
| 101 | 1-836-498-11 | (LVDS) HARNESS WITH CONNECTOR | | 103 | 1-910-055-91 | CONN ASSY, 15P MM CRIMP 130 | |
| 102 | 1-910-055-30 | CONN ASSY, 20P MM CRIMP 1010 | | 104 | 1-910-055-45 | CONN ASSY, 4P SPEAKER FASTON | |
| | | | | 105 | 1-910-055-90 | CONN ASSY, 14P MM CRIMP 480 | |

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.

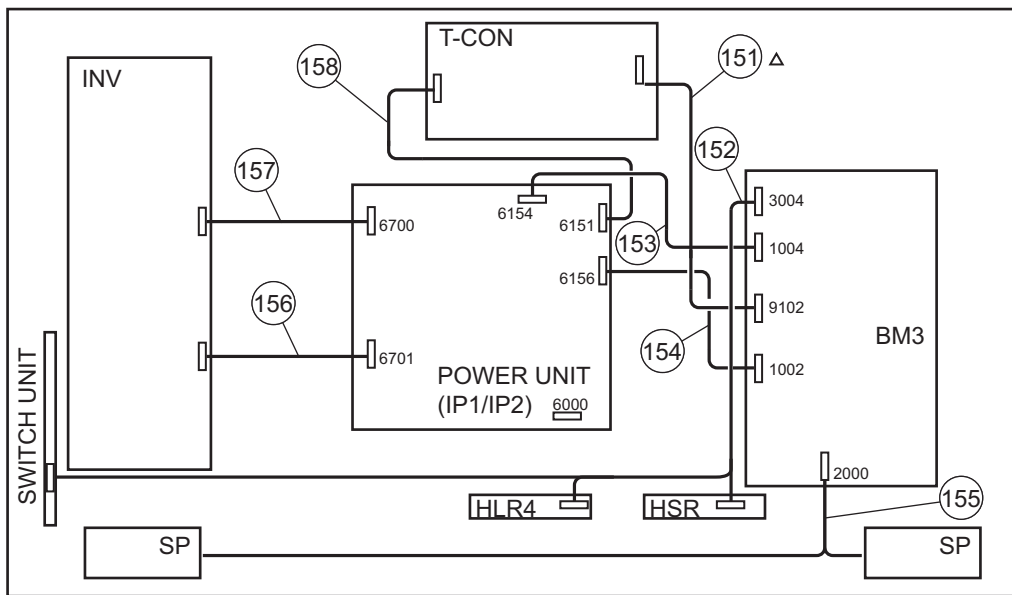
NOTE: The components identified by a red outline and a \triangle mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced. See Appendix A: Encryption Key Components in the back of this manual.

4-4. CONNECTORS (KDL-40V5100/46V5100 ONLY)


(Check the [Sony Electronics Service Information](#) website for any additional service related issues for this model.)


NOTE: The LVDS cable can only be installed one way. There is colored tape on the cable to determine which side is attached to the TCON and which side is attached to the BM3 Board. Refer to Page 34 for KDL-40V5100 and Page 45 for KDL-46V5100.


\triangle 2-580-628-01 SCREW, +BVST 3X6



| REF. NO. | PART NO. | DESCRIPTION | [ASSEMBLY INCLUDES] | REF. NO. | PART NO. | DESCRIPTION | [ASSEMBLY INCLUDES] |
|----------|--------------|--|---------------------|----------|--------------|---|--|
| 151 | 1-836-497-11 | (LVDS) HARNESS WITH CONNECTOR (KDL-40V5100 ONLY) | | 155 | 1-910-055-45 | CONN ASSY, 4P SPEAKER FASTON (KDL-40V5100 ONLY) | |
| 151 | 1-836-496-11 | (LVDS) HARNESS WITH CONNECTOR (KDL-46V5100 ONLY) | | 155 | 1-910-055-46 | CONN ASSY, 4P SPEAKER FASTON (KDL-46V5100 ONLY) | |
| 152 | 1-910-055-32 | CONN ASSY, 20P MM CRIMP 1155 (KDL-40V5100 ONLY) | | 156 | 1-910-048-07 | CONN ASSY, 7P MM CRIMP 250 (KDL-40V5100 ONLY) | |
| 152 | 1-910-055-34 | CONN ASSY, 20P MM CRIMP 1290 (KDL-46V5100 ONLY) | | 156 | 1-910-055-57 | CONN ASSY, 7P MM CRIMP 360 (KDL-46V5100 ONLY) | |
| 153 | 1-910-055-54 | CONN ASSY, 5P MM CRIMP 260 (KDL-40V5100 ONLY) | | * | 157 | 1-836-420-11 | CONNECTOR ASSY, MDF61 (KDL-40V5100 ONLY) |
| 153 | 1-910-055-53 | CONN ASSY, 5P MM CRIMP 175 (KDL-46V5100 ONLY) | | * | 157 | 1-836-419-11 | CONNECTOR ASSY, MDF61 (KDL-46V5100 ONLY) |
| 154 | 1-910-055-39 | CONN ASSY, 13P MM CRIMP 260 (KDL-40V5100/46V5100 ONLY) | | 158 | 1-910-055-58 | CONN ASSY, 4P MM CRIMP 355 (KDL-40V5100 ONLY) | |
| | | | | 158 | 1-910-044-14 | CONN ASSY, 4P (KDL-46V5100 ONLY) | |

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

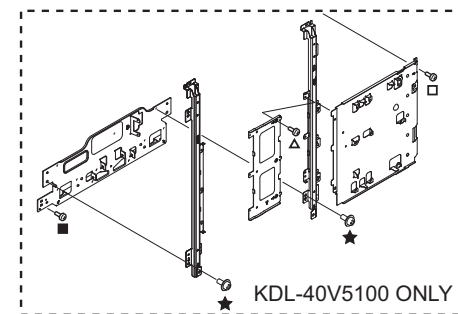
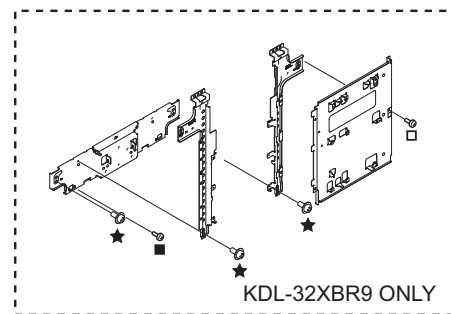
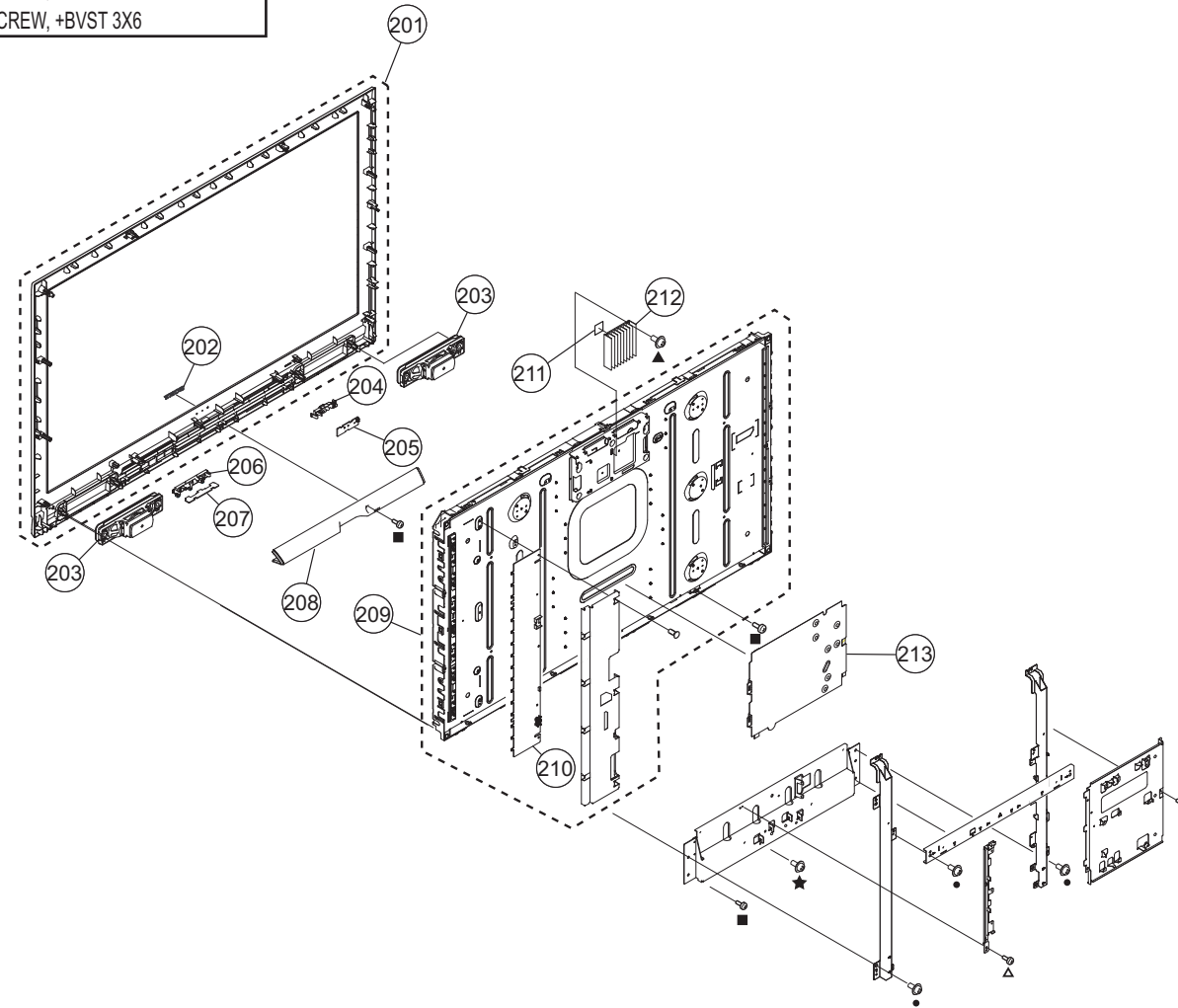
NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.





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.

4-5. BEZEL ASSEMBLY AND LCD PANEL

(Check the [Sony Electronics Service Information](#) website for any additional service related issues for this model.)

- 2-580-640-01 SCREW, +BVTP2 4X16
- 7-685-648-79 SCREW, +BVTP 3X12 TYPE2 IT-3
- 2-580-606-01 SCREW, +PSW M5X8
- ★ 2-580-600-01 SCREW, +PSW M4X8
- ▲ 2-580-592-01 SCREW, +PSW M3X8
- △ 2-580-628-01 SCREW, +BVST 3X6



| REF. NO. | PART NO. | DESCRIPTION | [ASSEMBLY INCLUDES] | REF. NO. | PART NO. | DESCRIPTION | [ASSEMBLY INCLUDES] |
|----------|--------------|--|---------------------|---|--------------|---|---------------------|
| 201 | X-2345-144-1 | BEZEL ASSY (32B) (KDL-32XBR9 ONLY) | [202] |  209 | N/A | LCD PANEL (32INCH FHD TFT) (KDL-32XBR9 ONLY) | [210] |
| 201 | X-2345-145-1 | BEZEL ASSY (40B) (KDL-40V5100 ONLY) | [202] | | | FOR ALL LCD PANEL PART NUMBER INFORMATION REFER TO THE LCD PANELS SERVICE MANUAL | |
| 201 | X-2345-146-1 | BEZEL ASSY (46B) (KDL-46V5100 ONLY) | [202] |  209 | N/A | LCD PANEL (40INCH FHD TFT) (KDL-40V5100 ONLY) | |
| 202 | 4-103-642-21 | EMBLEM, SONY NO.8 (KDL-32XBR9/40V5100 ONLY) | |  209 | N/A | LCD PANEL (46INCH FHD TFT) (KDL-46V5100 ONLY) | |
| 202 | 2-635-749-11 | EMBLEM, SONY NO.9 (KDL-46V5100 ONLY) | | | | FOR ALL LCD PANEL PART NUMBER INFORMATION REFER TO THE LCD PANELS SERVICE MANUAL | |
| 203 | 1-826-648-11 | LOUD SPEAKER (4.2X15CM) (KDL-32XBR9/40V5100 ONLY) | |  210 | N/A | ETC-INVERTER MT BOARD (KDL-32XBR9 ONLY) | |
| 203 | 1-858-170-11 | LOUDSPEAKER (KDL-46V5100 ONLY) | | | | FOR ALL ETC-INVERTER MT BOARD PART NUMBER INFORMATION REFER TO THE LCD PANELS SERVICE MANUAL | |
| 204 | 4-124-408-01 | GUIDE, IR (B) | | | | | |
| 205 | A-1650-551-A | HSR BOARD, MOUNTED | | 211 | 4-122-604-01 | SHEET, RADIATION (TCON STD) (MUST BE REPLACED WHEN REPLACING LCD PANEL) | |
| 206 | 4-124-407-01 | GUIDE, LED (B-S) (KDL-32XBR9/40V5100 ONLY) | | 212 | 4-127-617-01 | HEAT SINK (TCON STD) (MUST BE REPLACED WHEN REPLACING LCD PANEL) | |
| 206 | 4-124-406-01 | GUIDE, LED (B-L) (KDL-46V5100 ONLY) | | | | | |
| 207 | A-1726-167-A | HLR4 (VAR) BOARD, MOUNTED | | 213 | 4-140-145-01 | SHEET, INSULATING (IP1) (KDL-40V5100 ONLY) (MUST BE REPLACED WHEN REPLACING LCD PANEL) | |
| 208 | 4-124-405-01 | BAR, UNDER (S) (KDL-32XBR9/40V5100 ONLY) | | 214 | 4-140-146-01 | SHEET, INSULATING (IP2) (KDL-46V5100 ONLY) (MUST BE REPLACED WHEN REPLACING LCD PANEL) | |
| 208 | 4-124-404-01 | BAR, UNDER (M) (KDL-46V5100 ONLY) | | | | | |

4-6. SCREW LEGEND

(Check the [Sony Electronics Service Information](#) website for any additional service related issues for this model.)

| P/N | DESCRIPTION | REMARKS | TOTAL |
|--------------------|------------------------------|---|-------|
| KDL-32XBR9 | | | |
| ■ 2-580-640-01 | SCREW, +BVTP2 4X16 | PNL-2 BOTTOM FRAME-2 UNDER BAR-1 RC-15 | 20 |
| □ 7-685-648-79 | SCREW, +BVTP 3X12 TYPE2 IT-3 | MAIN BRACKET-1 RC-2 VESA-4 | 7 |
| ▼ 7-685-646-79 | SCREW, +BVTP 3X8 TYPE2 IT-3 | NONE | 0 |
| ▽ 2-580-607-01 | SCREW, +PSW M5X12 | TABLE-TOP STAND-4 | 4 |
| ● 2-580-606-01 | SCREW, +PSW M5X8 | NONE | 0 |
| ☆ 2-580-602-01 | SCREW, +PSW M4X12 | NONE | 0 |
| ★ 2-580-600-01 | SCREW, +PSW M4X8 | BOTTOM FRAME-2 SPINE4 RC-2 | 8 |
| ○ 2-580-639-01 | SCREW, +BVTP2 4X12 | TABLE-TOP STAND-8 | 8 |
| ▲ 2-580-592-01 | SCREW, +PSW M3X8 | HEAT SINK-2 | 2 |
| △ 2-580-628-01 | SCREW, +BVST 3X6 | BM3-9 G2-6 | 15 |
| KDL-40V5100 | | | |
| ■ 2-580-640-01 | SCREW, +BVTP2 4X16 | PNL-2 BOTTOM FRAME-3 UNDER BAR-1 RC-18 | 24 |
| □ 7-685-648-79 | SCREW, +BVTP 3X12 TYPE2 IT-3 | MAIN BRACKET-1 RC-2 VESA-4 | 7 |
| ▼ 7-685-646-79 | SCREW, +BVTP 3X8 TYPE2 IT-3 | NONE | 0 |
| ▽ 2-580-607-01 | SCREW, +PSW M5X12 | TABLE-TOP STAND-4 | 4 |
| ● 2-580-606-01 | SCREW, +PSW M5X8 | NONE | 0 |
| ☆ 2-580-602-01 | SCREW, +PSW M4X12 | RC-4 | 4 |
| ★ 2-580-600-01 | SCREW, +PSW M4X8 | SPINE-8 | 8 |
| ○ 2-580-639-01 | SCREW, +BVTP2 4X12 | TABLE-TOP STAND-8 | 8 |
| ▲ 2-580-592-01 | SCREW, +PSW M3X8 | HEAT SINK-3 | 3 |
| △ 2-580-628-01 | SCREW, +BVST 3X6 | BM3-9 IP1-6 IP BRACKET-2 | 17 |
| KDL-46V5100 | | | |
| ■ 2-580-640-01 | SCREW, +BVTP2 4X16 | BOTTOM FRAME -3 PNL-2 UNDER BAR-1 RC-20 | 26 |
| □ 7-685-648-79 | SCREW, +BVTP 3X12 TYPE2 IT-3 | MAIN BRACKET-1 RC-2 VESA-4 | 7 |
| ▼ 7-685-646-79 | SCREW, +BVTP 3X8 TYPE2 IT-3 | STAND BASE-7 | 7 |
| ▽ 2-580-607-01 | SCREW, +PSW M5X12 | TABLE-TOP STAND-4 STAND BASE-6 | 10 |
| ● 2-580-606-01 | SCREW, +PSW M5X8 | SPINE-6 CENTER FRAME-2 BOTTOM FRAME-1 | 9 |
| ☆ 2-580-602-01 | SCREW, +PSW M4X12 | RC-4 | 4 |
| ★ 2-580-600-01 | SCREW, +PSW M4X8 | NONE | 0 |
| ○ 2-580-639-01 | SCREW, +BVTP2 4X12 | NONE | 0 |
| ▲ 2-580-592-01 | SCREW, +PSW M3X8 | HEAT SINK-3 | 3 |
| △ 2-580-628-01 | SCREW, +BVST 3X6 | BM3-9 IP2-6 LVDS HOLDER-1 G FRAME-1 | 17 |

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.

BM3

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 |
|--|--------------|------------------|-----------------------|----------|--------------|--------------|------------------------|
| BM3 | | | | C2092 | 1-112-064-11 | CERAMIC CHIP | 2.2 μ F 10% 10V |
| \triangle A-1727-318-A BM3 BOARD, COMPLETE (KDL-32XBR9 ONLY) | | | | C2094 | 1-162-927-11 | CERAMIC CHIP | 100pF 5% 50V |
| \triangle A-1727-316-A BM3 BOARD, COMPLETE (KDL-40V5100 ONLY) | | | | C2095 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F 10% 16V |
| \triangle A-1727-315-A BM3 BOARD, COMPLETE (KDL-46V5100 ONLY) | | | | C2096 | 1-162-927-11 | CERAMIC CHIP | 100pF 5% 50V |
| | 4-135-220-01 | SHEET, RADIATION | | C2097 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F 10% 16V |
| CAPACITOR | | | | C2098 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F 10% 16V |
| C1024 | 1-114-130-11 | CERAMIC CHIP | 1 μ F 10% 6.3V | C2100 | 1-135-366-11 | ELECT CHIP | 100 μ F 20% 16V |
| C1025 | 1-114-130-11 | CERAMIC CHIP | 1 μ F 10% 6.3V | C2107 | 1-137-942-21 | ELECT CHIP | 47 μ F 20% 25V |
| C1026 | 1-114-130-11 | CERAMIC CHIP | 1 μ F 10% 6.3V | C2145 | 1-100-912-11 | CERAMIC CHIP | 1 μ F 10% 25V |
| C1027 | 1-114-130-11 | CERAMIC CHIP | 1 μ F 10% 6.3V | C2146 | 1-100-912-11 | CERAMIC CHIP | 1 μ F 10% 25V |
| C1032 | 1-112-781-11 | CERAMIC CHIP | 1 μ F 10% 10V | C2157 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F 10% 16V |
| C1033 | 1-114-130-11 | CERAMIC CHIP | 1 μ F 10% 6.3V | C2158 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F 10% 16V |
| C1034 | 1-114-130-11 | CERAMIC CHIP | 1 μ F 10% 6.3V | C2159 | 1-100-905-11 | CERAMIC CHIP | 0.001 μ F 10% 50V |
| C1038 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F 10% 16V | C2168 | 1-100-905-11 | CERAMIC CHIP | 0.001 μ F 10% 50V |
| C1044 | 1-100-905-11 | CERAMIC CHIP | 0.001 μ F 10% 50V | C2169 | 1-100-905-11 | CERAMIC CHIP | 0.001 μ F 10% 50V |
| C1045 | 1-100-905-11 | CERAMIC CHIP | 0.001 μ F 10% 50V | C2178 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F 10% 16V |
| C1051 | 1-114-130-11 | CERAMIC CHIP | 1 μ F 10% 6.3V | C2179 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F 10% 16V |
| C1052 | 1-114-130-11 | CERAMIC CHIP | 1 μ F 10% 6.3V | C2180 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F 10% 16V |
| C1054 | 1-114-130-11 | CERAMIC CHIP | 1 μ F 10% 6.3V | C2181 | 1-114-553-11 | CERAMIC CHIP | 10 μ F 10% 16V |
| C1055 | 1-114-130-11 | CERAMIC CHIP | 1 μ F 10% 6.3V | C2182 | 1-114-553-11 | CERAMIC CHIP | 10 μ F 10% 16V |
| C1061 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F 10% 16V | C2183 | 1-114-553-11 | CERAMIC CHIP | 10 μ F 10% 16V |
| C1062 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F 10% 16V | C2206 | 1-112-064-11 | CERAMIC CHIP | 2.2 μ F 10% 10V |
| C1070 | 1-100-905-11 | CERAMIC CHIP | 0.001 μ F 10% 50V | C2207 | 1-112-064-11 | CERAMIC CHIP | 2.2 μ F 10% 10V |
| C1087 | 1-114-331-11 | CERAMIC CHIP | 4.7 μ F 10% 10V | C2212 | 1-114-800-11 | CERAMIC CHIP | 0.0015 μ F 10% 50V |
| C1088 | 1-112-777-11 | CERAMIC CHIP | 0.01 μ F 10% 25V | C2214 | 1-114-800-11 | CERAMIC CHIP | 0.0015 μ F 10% 50V |
| C2074 | 1-114-870-11 | CERAMIC CHIP | 4.7 μ F 10% 16V | C2216 | 1-100-756-91 | CERAMIC CHIP | 0.047 μ F 10% 50V |
| C2075 | 1-114-870-11 | CERAMIC CHIP | 4.7 μ F 10% 16V | C2217 | 1-112-064-11 | CERAMIC CHIP | 2.2 μ F 10% 10V |
| C2078 | 1-114-330-11 | CERAMIC CHIP | 2.2 μ F 10% 16V | C2218 | 1-112-064-11 | CERAMIC CHIP | 2.2 μ F 10% 10V |
| C2085 | 1-100-766-21 | ELECT CHIP | 47 μ F 20% 16V | C2236 | 1-125-891-11 | CERAMIC CHIP | 0.47 μ F 10% 10V |
| C2086 | 1-100-905-11 | CERAMIC CHIP | 0.001 μ F 10% 50V | C2237 | 1-125-891-11 | CERAMIC CHIP | 0.47 μ F 10% 10V |
| C2091 | 1-112-064-11 | CERAMIC CHIP | 2.2 μ F 10% 10V | C2238 | 1-125-891-11 | CERAMIC CHIP | 0.47 μ F 10% 10V |
| | | | | C2239 | 1-125-891-11 | CERAMIC CHIP | 0.47 μ F 10% 10V |
| | | | | C2240 | 1-164-230-11 | CERAMIC CHIP | 220pF 5% 50V |
| | | | | C2241 | 1-164-230-11 | CERAMIC CHIP | 220pF 5% 50V |
| | | | | C2242 | 1-164-230-11 | CERAMIC CHIP | 220pF 5% 50V |

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| BM3 |
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| REF. NO. | PART NO. | DESCRIPTION | VALUES | | | REF. NO. | PART NO. | DESCRIPTION | VALUES | | |
|----------|--------------|--------------|----------|-----|-----|----------|--------------|--------------|---------|--------|------|
| C2243 | 1-164-230-11 | CERAMIC CHIP | 220pF | 5% | 50V | C2300 | 1-112-065-11 | CERAMIC CHIP | 4.7μF | 10% | 16V |
| C2244 | 1-162-923-11 | CERAMIC CHIP | 47pF | 5% | 50V | C3000 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C2245 | 1-162-925-11 | CERAMIC CHIP | 68pF | 5% | 50V | C3003 | 1-112-781-11 | CERAMIC CHIP | 1μF | 10% | 10V |
| C2246 | 1-114-870-11 | CERAMIC CHIP | 4.7μF | 10% | 16V | C3004 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C2247 | 1-114-868-11 | CERAMIC CHIP | 0.1μF | 10% | 50V | C3007 | 1-114-332-11 | CERAMIC CHIP | 22μF | 10% | 6.3V |
| C2248 | 1-114-868-11 | CERAMIC CHIP | 0.1μF | 10% | 50V | C3009 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C2251 | 1-114-326-11 | CERAMIC CHIP | 0.22μF | 10% | 25V | C3010 | 1-114-332-11 | CERAMIC CHIP | 22μF | 10% | 6.3V |
| C2252 | 1-114-326-11 | CERAMIC CHIP | 0.22μF | 10% | 25V | C3011 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C2255 | 1-164-315-11 | CERAMIC CHIP | 470pF | 5% | 50V | C3012 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C2256 | 1-164-315-11 | CERAMIC CHIP | 470pF | 5% | 50V | C3013 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C2257 | 1-164-315-11 | CERAMIC CHIP | 470pF | 5% | 50V | C3015 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C2258 | 1-164-315-11 | CERAMIC CHIP | 470pF | 5% | 50V | C3017 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C2263 | 1-114-868-11 | CERAMIC CHIP | 0.1μF | 10% | 50V | C3018 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C2264 | 1-114-326-11 | CERAMIC CHIP | 0.22μF | 10% | 25V | C3019 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C2265 | 1-114-326-11 | CERAMIC CHIP | 0.22μF | 10% | 25V | C3020 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C2266 | 1-110-648-11 | ELECT CHIP | 220μF | 20% | 25V | C3023 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C2267 | 1-100-912-11 | CERAMIC CHIP | 1μF | 10% | 25V | C3024 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C2268 | 1-100-912-11 | CERAMIC CHIP | 1μF | 10% | 25V | C3025 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C2271 | 1-110-648-11 | ELECT CHIP | 220μF | 20% | 25V | C3026 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C2272 | 1-114-868-11 | CERAMIC CHIP | 0.1μF | 10% | 50V | C3027 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V |
| C2273 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C3028 | 1-164-850-11 | CERAMIC CHIP | 10pF | 0.50pF | 50V |
| C2274 | 1-114-553-11 | CERAMIC CHIP | 10μF | 10% | 16V | C3029 | 1-164-852-11 | CERAMIC CHIP | 12pF | 5% | 50V |
| C2275 | 1-112-064-11 | CERAMIC CHIP | 2.2μF | 10% | 10V | C3030 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C2276 | 1-112-064-11 | CERAMIC CHIP | 2.2μF | 10% | 10V | C3032 | 1-164-874-11 | CERAMIC CHIP | 100pF | 5% | 50V |
| C2277 | 1-112-776-11 | CERAMIC CHIP | 0.0047μF | 10% | 50V | C3034 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C2278 | 1-112-776-11 | CERAMIC CHIP | 0.0047μF | 10% | 50V | C3036 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C2279 | 1-114-553-11 | CERAMIC CHIP | 10μF | 10% | 16V | C3038 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C2280 | 1-114-553-11 | CERAMIC CHIP | 10μF | 10% | 16V | C3041 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C2281 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C3043 | 1-164-874-11 | CERAMIC CHIP | 100pF | 5% | 50V |
| C2282 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C3049 | 1-112-066-11 | CERAMIC CHIP | 10μF | 10% | 10V |
| C2283 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C3050 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C2284 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C3051 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C2285 | 1-114-553-11 | CERAMIC CHIP | 10μF | 10% | 16V | C3052 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V |
| C2286 | 1-114-553-11 | CERAMIC CHIP | 10μF | 10% | 16V | C3054 | 1-112-781-11 | CERAMIC CHIP | 1μF | 10% | 10V |
| C2287 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V | C3801 | 1-100-912-11 | CERAMIC CHIP | 1μF | 10% | 25V |
| C2288 | 1-100-912-11 | CERAMIC CHIP | 1μF | 10% | 25V | C3803 | 1-164-874-11 | CERAMIC CHIP | 100pF | 5% | 50V |
| C2289 | 1-112-064-11 | CERAMIC CHIP | 2.2μF | 10% | 10V | C5101 | 1-112-781-11 | CERAMIC CHIP | 1μF | 10% | 10V |
| C2290 | 1-112-064-11 | CERAMIC CHIP | 2.2μF | 10% | 10V | C5102 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V |
| C2291 | 1-112-064-11 | CERAMIC CHIP | 2.2μF | 10% | 10V | C5104 | 1-164-874-11 | CERAMIC CHIP | 100pF | 5% | 50V |
| C2293 | 1-135-366-11 | ELECT CHIP | 100μF | 20% | 16V | C5105 | 1-164-874-11 | CERAMIC CHIP | 100pF | 5% | 50V |
| C2294 | 1-100-766-21 | ELECT CHIP | 47μF | 20% | 16V | C5220 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V |
| C2295 | 1-100-055-11 | CERAMIC CHIP | 22μF | 20% | 16V | C5221 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V |
| C2296 | 1-164-938-11 | CERAMIC CHIP | 0.0015μF | 10% | 50V | C5224 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V |
| C2297 | 1-164-938-11 | CERAMIC CHIP | 0.0015μF | 10% | 50V | C5225 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V |
| C2298 | 1-162-927-11 | CERAMIC CHIP | 100pF | 5% | 50V | C5226 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |

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| BM3 |
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| REF. NO. | PART NO. | DESCRIPTION | VALUES | | | REF. NO. | PART NO. | DESCRIPTION | VALUES | | |
|----------|--------------|--------------|----------------|------------|------|----------|--------------|--------------|---------------|------------|------|
| C5500 | 1-114-331-11 | CERAMIC CHIP | 4.7 μ F | 10% | 10V | C7049 | 1-100-055-11 | CERAMIC CHIP | 22 μ F | 20% | 16V |
| C5501 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V | C7200 | 1-114-520-11 | CAP, CERAMIC | 1MF | X6S (1410) | |
| C5502 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V | C7202 | 1-114-520-11 | CAP, CERAMIC | 1MF | X6S (1410) | |
| C5503 | 1-100-909-11 | CERAMIC CHIP | 10 μ F | 10% | 6.3V | C7204 | 1-114-520-11 | CAP, CERAMIC | 1MF | X6S (1410) | |
| C5504 | 1-100-909-11 | CERAMIC CHIP | 10 μ F | 10% | 6.3V | C7205 | 1-100-909-11 | CERAMIC CHIP | 10 μ F | 10% | 6.3V |
| C5505 | 1-100-909-11 | CERAMIC CHIP | 10 μ F | 10% | 6.3V | C7206 | 1-114-520-11 | CAP, CERAMIC | 1MF | X6S (1410) | |
| C5506 | 1-114-354-11 | CAP, CERAMIC | 0.1MF | X7R (1410) | | C7208 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V |
| C5507 | 1-100-912-11 | CERAMIC CHIP | 1 μ F | 10% | 25V | C7209 | 1-100-909-11 | CERAMIC CHIP | 10 μ F | 10% | 6.3V |
| C5508 | 1-114-354-11 | CAP, CERAMIC | 0.1MF | X7R (1410) | | C7210 | 1-100-909-11 | CERAMIC CHIP | 10 μ F | 10% | 6.3V |
| C5509 | 1-100-912-11 | CERAMIC CHIP | 1 μ F | 10% | 25V | C7214 | 1-114-520-11 | CAP, CERAMIC | 1MF | X6S (1410) | |
| C5510 | 1-100-912-11 | CERAMIC CHIP | 1 μ F | 10% | 25V | C7216 | 1-114-332-11 | CERAMIC CHIP | 22 μ F | 10% | 6.3V |
| C5511 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V | C7217 | 1-114-520-11 | CAP, CERAMIC | 1MF | X6S (1410) | |
| C5512 | 1-100-909-11 | CERAMIC CHIP | 10 μ F | 10% | 6.3V | C7222 | 1-114-520-11 | CAP, CERAMIC | 1MF | X6S (1410) | |
| C5513 | 1-100-912-11 | CERAMIC CHIP | 1 μ F | 10% | 25V | C7223 | 1-114-520-11 | CAP, CERAMIC | 1MF | X6S (1410) | |
| C5514 | 1-100-912-11 | CERAMIC CHIP | 1 μ F | 10% | 25V | C7224 | 1-114-520-11 | CAP, CERAMIC | 1MF | X6S (1410) | |
| C5515 | 1-114-354-11 | CAP, CERAMIC | 0.1MF | X7R (1410) | | C7226 | 1-114-130-11 | CERAMIC CHIP | 1 μ F | 10% | 6.3V |
| C5516 | 1-114-130-11 | CERAMIC CHIP | 1 μ F | 10% | 6.3V | C7233 | 1-114-520-11 | CAP, CERAMIC | 1MF | X6S (1410) | |
| C5520 | 1-112-776-11 | CERAMIC CHIP | 0.0047 μ F | 10% | 50V | C7235 | 1-100-909-11 | CERAMIC CHIP | 10 μ F | 10% | 6.3V |
| C5521 | 1-112-777-11 | CERAMIC CHIP | 0.01 μ F | 10% | 25V | C7239 | 1-114-520-11 | CAP, CERAMIC | 1MF | X6S (1410) | |
| C5522 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V | C7240 | 1-114-130-11 | CERAMIC CHIP | 1 μ F | 10% | 6.3V |
| C5523 | 1-114-130-11 | CERAMIC CHIP | 1 μ F | 10% | 6.3V | C7254 | 1-100-909-11 | CERAMIC CHIP | 10 μ F | 10% | 6.3V |
| C7000 | 1-114-553-11 | CERAMIC CHIP | 10 μ F | 10% | 16V | C7255 | 1-114-520-11 | CAP, CERAMIC | 1MF | X6S (1410) | |
| C7001 | 1-114-553-11 | CERAMIC CHIP | 10 μ F | 10% | 16V | C7257 | 1-114-520-11 | CAP, CERAMIC | 1MF | X6S (1410) | |
| C7002 | 1-135-366-11 | ELECT CHIP | 100 μ F | 20% | 16V | C7264 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V |
| C7024 | 1-112-774-11 | CERAMIC CHIP | 470pF | 10% | 50V | C7265 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V |
| C7025 | 1-100-905-11 | CERAMIC CHIP | 0.001 μ F | 10% | 50V | C7268 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V |
| C7026 | 1-112-774-11 | CERAMIC CHIP | 470pF | 10% | 50V | C7291 | 1-164-847-11 | CERAMIC CHIP | 7pF | 0.50pF | 50V |
| C7027 | 1-100-905-11 | CERAMIC CHIP | 0.001 μ F | 10% | 50V | C7292 | 1-164-860-11 | CERAMIC CHIP | 27pF | 5% | 50V |
| C7028 | 1-112-774-11 | CERAMIC CHIP | 470pF | 10% | 50V | C7293 | 1-100-905-11 | CERAMIC CHIP | 0.001 μ F | 10% | 50V |
| C7029 | 1-100-905-11 | CERAMIC CHIP | 0.001 μ F | 10% | 50V | C7305 | 1-100-909-11 | CERAMIC CHIP | 10 μ F | 10% | 6.3V |
| C7030 | 1-112-774-11 | CERAMIC CHIP | 470pF | 10% | 50V | C7309 | 1-100-909-11 | CERAMIC CHIP | 10 μ F | 10% | 6.3V |
| C7031 | 1-100-905-11 | CERAMIC CHIP | 0.001 μ F | 10% | 50V | C7310 | 1-100-909-11 | CERAMIC CHIP | 10 μ F | 10% | 6.3V |
| C7032 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V | C7312 | 1-114-871-11 | CERAMIC CHIP | 100 μ F | 20% | 6.3V |
| C7033 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V | C7313 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V |
| C7034 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V | C7314 | 1-114-320-11 | CERAMIC CHIP | 0.22 μ F | 10% | 6.3V |
| C7035 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V | C7318 | 1-164-850-11 | CERAMIC CHIP | 10pF | 0.50pF | 50V |
| C7038 | 1-114-331-11 | CERAMIC CHIP | 4.7 μ F | 10% | 10V | C7321 | 1-114-130-11 | CERAMIC CHIP | 1 μ F | 10% | 6.3V |
| C7039 | 1-114-331-11 | CERAMIC CHIP | 4.7 μ F | 10% | 10V | C7323 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V |
| C7042 | 1-100-055-11 | CERAMIC CHIP | 22 μ F | 20% | 16V | C7324 | 1-100-909-11 | CERAMIC CHIP | 10 μ F | 10% | 6.3V |
| C7043 | 1-100-055-11 | CERAMIC CHIP | 22 μ F | 20% | 16V | C7325 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V |
| C7044 | 1-114-553-11 | CERAMIC CHIP | 10 μ F | 10% | 16V | C7326 | 1-100-909-11 | CERAMIC CHIP | 10 μ F | 10% | 6.3V |
| C7045 | 1-114-553-11 | CERAMIC CHIP | 10 μ F | 10% | 16V | C7327 | 1-100-909-11 | CERAMIC CHIP | 10 μ F | 10% | 6.3V |
| C7046 | 1-114-553-11 | CERAMIC CHIP | 10 μ F | 10% | 16V | C7328 | 1-100-909-11 | CERAMIC CHIP | 10 μ F | 10% | 6.3V |
| C7047 | 1-114-553-11 | CERAMIC CHIP | 10 μ F | 10% | 16V | C7329 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V |
| C7048 | 1-100-055-11 | CERAMIC CHIP | 22 μ F | 20% | 16V | C7330 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V |

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| REF. NO. | PART NO. | DESCRIPTION | VALUES | | | REF. NO. | PART NO. | DESCRIPTION | VALUES | | |
|----------|--------------|--------------|--------|-----|------|----------|--------------|--------------|----------|--------|------|
| C7331 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V | C7627 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V |
| C7332 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7639 | 1-114-331-11 | CERAMIC CHIP | 4.7μF | 10% | 10V |
| C7333 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V | C7640 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7334 | 1-114-871-11 | CERAMIC CHIP | 100μF | 20% | 6.3V | C7641 | 1-114-320-11 | CERAMIC CHIP | 0.22μF | 10% | 6.3V |
| C7400 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7642 | 1-114-333-11 | CERAMIC CHIP | 47μF | 10% | 6.3V |
| C7401 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7643 | 1-112-775-11 | CERAMIC CHIP | 0.0022μF | 10% | 50V |
| C7402 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7644 | 1-112-776-11 | CERAMIC CHIP | 0.0047μF | 10% | 50V |
| C7406 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7645 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V |
| C7409 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7646 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7416 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7648 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V |
| C7419 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7649 | 1-112-778-11 | CERAMIC CHIP | 0.022μF | 10% | 25V |
| C7420 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7650 | 1-164-860-11 | CERAMIC CHIP | 27pF | 5% | 50V |
| C7421 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C7651 | 1-164-860-11 | CERAMIC CHIP | 27pF | 5% | 50V |
| C7422 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V | C7652 | 1-112-781-11 | CERAMIC CHIP | 1μF | 10% | 10V |
| C7428 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7653 | 1-164-840-11 | CERAMIC CHIP | 1pF | 0.25pF | 50V |
| C7429 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V | C7654 | 1-164-840-11 | CERAMIC CHIP | 1pF | 0.25pF | 50V |
| C7430 | 1-114-332-11 | CERAMIC CHIP | 22μF | 10% | 6.3V | C7655 | 1-164-860-11 | CERAMIC CHIP | 27pF | 5% | 50V |
| C7440 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7656 | 1-164-860-11 | CERAMIC CHIP | 27pF | 5% | 50V |
| C7441 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7657 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C7442 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7658 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V |
| C7443 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C7659 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7444 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C7662 | 1-164-866-11 | CERAMIC CHIP | 47pF | 5% | 50V |
| C7445 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V | C7663 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V |
| C7446 | 1-114-332-11 | CERAMIC CHIP | 22μF | 10% | 6.3V | C7664 | 1-164-866-11 | CERAMIC CHIP | 47pF | 5% | 50V |
| C7447 | 1-114-332-11 | CERAMIC CHIP | 22μF | 10% | 6.3V | C7665 | 1-114-800-11 | CERAMIC CHIP | 0.0015μF | 10% | 50V |
| C7448 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7666 | 1-112-001-81 | CERAMIC CHIP | 270pF | 5% | 50V |
| C7449 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7667 | 1-114-871-11 | CERAMIC CHIP | 100μF | 20% | 6.3V |
| C7450 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7668 | 1-114-806-11 | CERAMIC CHIP | 0.0082μF | 10% | 25V |
| C7451 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C7669 | 1-112-001-81 | CERAMIC CHIP | 270pF | 5% | 50V |
| C7452 | 1-114-130-11 | CERAMIC CHIP | 1μF | 10% | 6.3V | C7670 | 1-114-800-11 | CERAMIC CHIP | 0.0015μF | 10% | 50V |
| C7520 | 1-114-871-11 | CERAMIC CHIP | 100μF | 20% | 6.3V | C7672 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C7532 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7673 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V |
| C7533 | 1-112-066-11 | CERAMIC CHIP | 10μF | 10% | 10V | C7676 | 1-100-769-21 | ELECT CHIP | 470μF | 20% | 16V |
| C7535 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7677 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C7539 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V | C7678 | 1-114-871-11 | CERAMIC CHIP | 100μF | 20% | 6.3V |
| C7580 | 1-114-871-11 | CERAMIC CHIP | 100μF | 20% | 6.3V | C7679 | 1-112-777-11 | CERAMIC CHIP | 0.01μF | 10% | 25V |
| C7585 | 1-112-066-11 | CERAMIC CHIP | 10μF | 10% | 10V | C7680 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7586 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V | C7681 | 1-114-331-11 | CERAMIC CHIP | 4.7μF | 10% | 10V |
| C7587 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7682 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C7590 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7683 | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V |
| C7605 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7684 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7607 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7685 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7613 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7688 | 1-164-862-11 | CERAMIC CHIP | 33pF | 5% | 50V |
| C7615 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V | C7782 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |
| C7626 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V | C7783 | 1-100-916-11 | CERAMIC CHIP | 0.1μF | 10% | 16V |

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.

BM3

| REF. NO. | PART NO. | DESCRIPTION | VALUES | | | REF. NO. | PART NO. | DESCRIPTION | VALUES | | |
|------------------|--------------|-------------------------|---------------|-----|------|---------------------|--------------|-----------------------------|----------------|-----|--|
| C7784 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V | CN3004 | 1-818-714-21 | HEADER ASSEMBLY | 20P | | |
| C7785 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V | CN5101 | 1-822-541-11 | D SUB CONNECTOR | | | |
| C7787 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V | CN7401 | 1-820-184-11 | HEADER ASSEMBLY (PRINT PWB) | | | |
| C7788 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V | CN7507 | 1-819-866-11 | CONNECTOR, USB (A) | | | |
| C7789 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V | CN9102 | 1-822-583-11 | HEADER ASSEMBLY FOR PWB | | | |
| C7790 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V | DIODE | | | | | |
| C7791 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V | D1000 | 6-501-774-01 | DIODE | MAZ8150G0LS0 | | |
| C7792 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V | D2002 | 6-501-817-01 | DIODE | MA2J1110GLS0 | | |
| C7793 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V | D2008 | 6-501-817-01 | DIODE | MA2J1110GLS0 | | |
| C7794 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V | \triangle D2014 | 6-501-756-01 | DIODE | MAZ8091GMLS0 | | |
| C7795 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V | D2017 | 6-502-318-01 | DIODE | MA4J1130GLS0 | | |
| C7796 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V | D2020 | 6-501-732-01 | DIODE | MAZ8056G0LS0 | | |
| C7797 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V | D2021 | 6-501-732-01 | DIODE | MAZ8056G0LS0 | | |
| C7799 | 1-114-130-11 | CERAMIC CHIP | 1 μ F | 10% | 6.3V | D2022 | 6-501-732-01 | DIODE | MAZ8056G0LS0 | | |
| C7800 | 1-100-909-11 | CERAMIC CHIP | 10 μ F | 10% | 6.3V | D2026 | 6-501-732-01 | DIODE | MAZ8056G0LS0 | | |
| C7801 | 1-114-130-11 | CERAMIC CHIP | 1 μ F | 10% | 6.3V | D2027 | 6-501-817-01 | DIODE | MA2J1110GLS0 | | |
| C7802 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V | D2028 | 6-501-817-01 | DIODE | MA2J1110GLS0 | | |
| C7803 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V | D2029 | 6-501-817-01 | DIODE | MA2J1110GLS0 | | |
| C7804 | 1-114-130-11 | CERAMIC CHIP | 1 μ F | 10% | 6.3V | D2031 | 6-501-817-01 | DIODE | MA2J1110GLS0 | | |
| C7806 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V | D3006 | 6-502-318-01 | DIODE | MA4J1130GLS0 | | |
| C7807 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V | D3007 | 6-502-318-01 | DIODE | MA4J1130GLS0 | | |
| C7808 | 1-100-909-11 | CERAMIC CHIP | 10 μ F | 10% | 6.3V | D3011 | 6-501-732-01 | DIODE | MAZ8056G0LS0 | | |
| C7809 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V | D3012 | 6-501-732-01 | DIODE | MAZ8056G0LS0 | | |
| C7811 | 1-100-916-11 | CERAMIC CHIP | 0.1 μ F | 10% | 16V | D3020 | 6-502-318-01 | DIODE | MA4J1130GLS0 | | |
| C7812 | 1-100-909-11 | CERAMIC CHIP | 10 μ F | 10% | 6.3V | D5501 | 6-502-318-01 | DIODE | MA4J1130GLS0 | | |
| C7814 | 1-114-871-11 | CERAMIC CHIP | 100 μ F | 20% | 6.3V | D5502 | 6-502-318-01 | DIODE | MA4J1130GLS0 | | |
| C7816 | 1-112-777-11 | CERAMIC CHIP | 0.01 μ F | 10% | 25V | D5503 | 6-502-318-01 | DIODE | MA4J1130GLS0 | | |
| C7819 | 1-100-905-11 | CERAMIC CHIP | 0.001 μ F | 10% | 50V | D5504 | 6-502-318-01 | DIODE | MA4J1130GLS0 | | |
| C7827 | 1-100-905-11 | CERAMIC CHIP | 0.001 μ F | 10% | 50V | D7201 | 6-501-817-01 | DIODE | MA2J1110GLS0 | | |
| C9159 | 1-112-777-11 | CERAMIC CHIP | 0.01 μ F | 10% | 25V | D7600 | 8-719-058-24 | DIODE | RB501V-40TE-17 | | |
| C9160 | 1-112-777-11 | CERAMIC CHIP | 0.01 μ F | 10% | 25V | FUSE | | | | | |
| C9161 | 1-100-905-11 | CERAMIC CHIP | 0.001 μ F | 10% | 50V | \triangle F1001 | 1-576-933-21 | FUSE | 5A | 24V | |
| C9162 | 1-112-777-11 | CERAMIC CHIP | 0.01 μ F | 10% | 25V | \triangle F2000 | 1-576-958-21 | FUSE | 4A | 24V | |
| C9163 | 1-164-315-11 | CERAMIC CHIP | 470pF | 5% | 50V | \triangle F3000 | 1-576-646-11 | FUSE | 0.5A | 50V | |
| C9164 | 1-114-130-11 | CERAMIC CHIP | 1 μ F | 10% | 6.3V | F5101 | 1-576-646-11 | FUSE | 0.5A | 50V | |
| C9165 | 1-114-130-11 | CERAMIC CHIP | 1 μ F | 10% | 6.3V | \triangle F7001 | 1-576-603-21 | FUSE | 3.15A | 24V | |
| C9166 | 1-114-130-11 | CERAMIC CHIP | 1 μ F | 10% | 6.3V | \triangle F7002 | 1-576-603-21 | FUSE | 3.15A | 24V | |
| C9167 | 1-100-909-11 | CERAMIC CHIP | 10 μ F | 10% | 6.3V | FERRITE BEAD | | | | | |
| C9168 | 1-164-872-11 | CERAMIC CHIP | 82pF | 5% | 50V | FB1002 | 1-500-922-11 | FERRITE | 0 μ H | | |
| CONNECTOR | | | | | | FB2030 | 1-400-089-21 | FERRITE | 0 μ H | | |
| CN1003 | 1-822-598-11 | HEADER ASSEMBLY FOR PWB | | | | FB2031 | 1-400-089-21 | FERRITE | 0 μ H | | |
| CN1004 | 1-821-134-11 | HEADER ASSEMBLY FOR PWB | | | | FB2032 | 1-400-089-21 | FERRITE | 0 μ H | | |
| CN2000 | 1-822-550-11 | HEADER ASSEMBLY FOR PWB | | | | FB2033 | 1-400-089-21 | FERRITE | 0 μ H | | |
| CN3000 | 1-779-331-51 | CONNECTOR, FFC/FPC | 14P | | | | | | | | |
| CN3001 | 1-779-936-51 | CONNECTOR, FFC/FPC | 18P | | | | | | | | |

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| BM3 |
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| REF. NO. | PART NO. | DESCRIPTION | VALUES | | | REF. NO. | PART NO. | DESCRIPTION | VALUES | | |
|----------|--------------|-------------|--------|-------|-------|----------|--------------|-------------|--------|-------|-------|
| R1053 | 1-218-989-11 | METAL CHIP | 1M | 5% | 1/16W | R2202 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W |
| R1054 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W | R2204 | 1-218-977-11 | METAL CHIP | 100K | 5% | 1/16W |
| R1055 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W | R2205 | 1-218-973-11 | METAL CHIP | 47K | 5% | 1/16W |
| R1056 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W | R2210 | 1-208-711-11 | METAL CHIP | 15K | 0.50% | 1/16W |
| R1057 | 1-218-981-91 | METAL CHIP | 220K | 5% | 1/16W | R2211 | 1-208-711-11 | METAL CHIP | 15K | 0.50% | 1/16W |
| R1058 | 1-218-981-91 | METAL CHIP | 220K | 5% | 1/16W | R2228 | 1-469-083-21 | FERRITE | 0μH | | |
| R1067 | 1-218-983-11 | METAL CHIP | 330K | 5% | 1/16W | R2229 | 1-469-083-21 | FERRITE | 0μH | | |
| R1068 | 1-218-983-11 | METAL CHIP | 330K | 5% | 1/16W | R2232 | 1-469-083-21 | FERRITE | 0μH | | |
| R1074 | 1-218-990-81 | SHORT CHIP | | | | R2233 | 1-469-083-21 | FERRITE | 0μH | | |
| R1075 | 1-218-990-81 | SHORT CHIP | | | | R2250 | 1-218-990-81 | SHORT CHIP | | | |
| R1076 | 1-216-864-11 | SHORT CHIP | | | | R2264 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W |
| R1077 | 1-216-295-91 | SHORT CHIP | | | | R2267 | 1-218-950-11 | METAL CHIP | 560 | 5% | 1/16W |
| R1086 | 1-218-990-81 | SHORT CHIP | | | | R2268 | 1-218-950-11 | METAL CHIP | 560 | 5% | 1/16W |
| R1087 | 1-218-990-81 | SHORT CHIP | | | | R2272 | 1-218-941-81 | METAL CHIP | 100 | 5% | 1/16W |
| R1088 | 1-218-990-81 | SHORT CHIP | | | | R2276 | 1-218-973-11 | METAL CHIP | 47K | 5% | 1/16W |
| R1089 | 1-218-990-81 | SHORT CHIP | | | | R2281 | 1-218-990-81 | SHORT CHIP | | | |
| R1090 | 1-218-990-81 | SHORT CHIP | | | | R2285 | 1-208-699-11 | METAL CHIP | 4.7K | 0.50% | 1/16W |
| R1091 | 1-218-990-81 | SHORT CHIP | | | | R2286 | 1-218-990-81 | SHORT CHIP | | | |
| R1100 | 1-218-957-11 | METAL CHIP | 2.2K | 5% | 1/16W | R2290 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W |
| R1102 | 1-218-990-81 | SHORT CHIP | | | | R2291 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W |
| R1103 | 1-218-990-81 | SHORT CHIP | | | | R2292 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W |
| R1120 | 1-218-959-11 | METAL CHIP | 3.3K | 5% | 1/16W | R2293 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W |
| R1121 | 1-218-959-11 | METAL CHIP | 3.3K | 5% | 1/16W | R2323 | 1-218-977-11 | METAL CHIP | 100K | 5% | 1/16W |
| R1122 | 1-218-959-11 | METAL CHIP | 3.3K | 5% | 1/16W | R2326 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W |
| R2117 | 1-218-961-11 | METAL CHIP | 4.7K | 5% | 1/16W | R2332 | 1-218-973-11 | METAL CHIP | 47K | 5% | 1/16W |
| R2118 | 1-218-961-11 | METAL CHIP | 4.7K | 5% | 1/16W | R2344 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W |
| R2121 | 1-208-715-11 | METAL CHIP | 22K | 0.50% | 1/16W | R2345 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W |
| R2122 | 1-208-715-11 | METAL CHIP | 22K | 0.50% | 1/16W | R2346 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W |
| R2129 | 1-208-715-11 | METAL CHIP | 22K | 0.50% | 1/16W | R2348 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W |
| R2133 | 1-208-715-11 | METAL CHIP | 22K | 0.50% | 1/16W | R2352 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W |
| R2138 | 1-218-985-11 | METAL CHIP | 470K | 5% | 1/16W | R2353 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W |
| R2139 | 1-218-985-11 | METAL CHIP | 470K | 5% | 1/16W | R2354 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W |
| R2141 | 1-208-675-11 | METAL CHIP | 470 | 0.50% | 1/16W | R2355 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W |
| R2142 | 1-208-675-11 | METAL CHIP | 470 | 0.50% | 1/16W | R2356 | 1-218-981-91 | METAL CHIP | 220K | 5% | 1/16W |
| R2143 | 1-208-711-11 | METAL CHIP | 15K | 0.50% | 1/16W | R2357 | 1-218-981-91 | METAL CHIP | 220K | 5% | 1/16W |
| R2145 | 1-208-711-11 | METAL CHIP | 15K | 0.50% | 1/16W | R2358 | 1-218-981-91 | METAL CHIP | 220K | 5% | 1/16W |
| R2149 | 1-218-969-11 | METAL CHIP | 22K | 5% | 1/16W | R2359 | 1-218-981-91 | METAL CHIP | 220K | 5% | 1/16W |
| R2150 | 1-218-969-11 | METAL CHIP | 22K | 5% | 1/16W | R2368 | 1-211-969-11 | METAL CHIP | 10 | 0.50% | 1/10W |
| R2151 | 1-208-699-11 | METAL CHIP | 4.7K | 0.50% | 1/16W | R2369 | 1-211-969-11 | METAL CHIP | 10 | 0.50% | 1/10W |
| R2153 | 1-218-977-11 | METAL CHIP | 100K | 5% | 1/16W | R2370 | 1-211-969-11 | METAL CHIP | 10 | 0.50% | 1/10W |
| R2161 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W | R2372 | 1-211-969-11 | METAL CHIP | 10 | 0.50% | 1/10W |
| R2163 | 1-218-990-81 | SHORT CHIP | | | | R2374 | 1-211-969-11 | METAL CHIP | 10 | 0.50% | 1/10W |
| R2178 | 1-218-977-11 | METAL CHIP | 100K | 5% | 1/16W | R2375 | 1-218-941-81 | METAL CHIP | 100 | 5% | 1/16W |
| R2198 | 1-218-963-11 | METAL CHIP | 6.8K | 5% | 1/16W | R2376 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W |
| R2201 | 1-218-990-81 | SHORT CHIP | | | | R2377 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W |

BM3

| REF. NO. | PART NO. | DESCRIPTION | VALUES | | | REF. NO. | PART NO. | DESCRIPTION | VALUES | | |
|----------|--------------|-------------|--------|-------|-------|----------|--------------|-------------|--------|-------|-------|
| R2378 | 1-208-871-81 | METAL CHIP | 220 | 0.50% | 1/16W | R3014 | 1-218-990-81 | SHORT CHIP | | | |
| R2379 | 1-208-871-81 | METAL CHIP | 220 | 0.50% | 1/16W | R3015 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W |
| R2380 | 1-218-941-81 | METAL CHIP | 100 | 5% | 1/16W | R3018 | 1-218-953-11 | METAL CHIP | 1K | 5% | 1/16W |
| R2381 | 1-218-941-81 | METAL CHIP | 100 | 5% | 1/16W | R3029 | 1-218-949-11 | METAL CHIP | 470 | 5% | 1/16W |
| R2382 | 1-218-973-11 | METAL CHIP | 47K | 5% | 1/16W | R3030 | 1-218-937-11 | METAL CHIP | 47 | 5% | 1/16W |
| R2383 | 1-218-973-11 | METAL CHIP | 47K | 5% | 1/16W | R3032 | 1-218-990-81 | SHORT CHIP | | | |
| R2384 | 1-218-990-81 | SHORT CHIP | | | | R3036 | 1-218-990-81 | SHORT CHIP | | | |
| R2385 | 1-208-691-11 | METAL CHIP | 2.2K | 0.50% | 1/16W | R3038 | 1-218-941-81 | METAL CHIP | 100 | 5% | 1/16W |
| R2386 | 1-218-990-81 | SHORT CHIP | | | | R3042 | 1-218-937-11 | METAL CHIP | 47 | 5% | 1/16W |
| R2387 | 1-218-990-81 | SHORT CHIP | | | | R3043 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W |
| R2388 | 1-218-990-81 | SHORT CHIP | | | | R3044 | 1-218-953-11 | METAL CHIP | 1K | 5% | 1/16W |
| R2389 | 1-218-990-81 | SHORT CHIP | | | | R3045 | 1-218-949-11 | METAL CHIP | 470 | 5% | 1/16W |
| R2392 | 1-218-990-81 | SHORT CHIP | | | | R3046 | 1-218-941-81 | METAL CHIP | 100 | 5% | 1/16W |
| R2395 | 1-218-969-11 | METAL CHIP | 22K | 5% | 1/16W | R3051 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W |
| R2396 | 1-218-969-11 | METAL CHIP | 22K | 5% | 1/16W | R3053 | 1-218-953-11 | METAL CHIP | 1K | 5% | 1/16W |
| R2398 | 1-218-959-11 | METAL CHIP | 3.3K | 5% | 1/16W | R3055 | 1-218-941-81 | METAL CHIP | 100 | 5% | 1/16W |
| R2401 | 1-218-990-81 | SHORT CHIP | | | | R3060 | 1-218-941-81 | METAL CHIP | 100 | 5% | 1/16W |
| R2402 | 1-218-969-11 | METAL CHIP | 22K | 5% | 1/16W | R3062 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W |
| R2403 | 1-218-973-11 | METAL CHIP | 47K | 5% | 1/16W | R3066 | 1-218-953-11 | METAL CHIP | 1K | 5% | 1/16W |
| R2404 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W | R3067 | 1-218-989-11 | METAL CHIP | 1M | 5% | 1/16W |
| R2405 | 1-208-711-11 | METAL CHIP | 15K | 0.50% | 1/16W | R3068 | 1-218-971-11 | METAL CHIP | 33K | 5% | 1/16W |
| R2406 | 1-208-711-11 | METAL CHIP | 15K | 0.50% | 1/16W | R3069 | 1-218-953-11 | METAL CHIP | 1K | 5% | 1/16W |
| R2407 | 1-218-961-11 | METAL CHIP | 4.7K | 5% | 1/16W | R3070 | 1-218-953-11 | METAL CHIP | 1K | 5% | 1/16W |
| R2408 | 1-218-981-91 | METAL CHIP | 220K | 5% | 1/16W | R3071 | 1-218-953-11 | METAL CHIP | 1K | 5% | 1/16W |
| R2409 | 1-218-957-11 | METAL CHIP | 2.2K | 5% | 1/16W | R3075 | 1-218-941-81 | METAL CHIP | 100 | 5% | 1/16W |
| R2410 | 1-218-981-91 | METAL CHIP | 220K | 5% | 1/16W | R3076 | 1-218-961-11 | METAL CHIP | 4.7K | 5% | 1/16W |
| R2411 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W | R3079 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W |
| R2412 | 1-208-699-11 | METAL CHIP | 4.7K | 0.50% | 1/16W | R3080 | 1-218-953-11 | METAL CHIP | 1K | 5% | 1/16W |
| R2413 | 1-218-969-11 | METAL CHIP | 22K | 5% | 1/16W | R3082 | 1-218-953-11 | METAL CHIP | 1K | 5% | 1/16W |
| R2414 | 1-218-969-11 | METAL CHIP | 22K | 5% | 1/16W | R3086 | 1-245-604-11 | METAL CHIP | 10M | 5% | 1/16W |
| R2415 | 1-218-982-11 | METAL CHIP | 270K | 5% | 1/16W | R3087 | 1-218-981-91 | METAL CHIP | 220K | 5% | 1/16W |
| R2416 | 1-218-982-11 | METAL CHIP | 270K | 5% | 1/16W | R3089 | 1-208-931-11 | METAL CHIP | 68K | 0.50% | 1/16W |
| R2417 | 1-218-990-81 | SHORT CHIP | | | | R3090 | 1-208-703-11 | METAL CHIP | 6.8K | 0.50% | 1/16W |
| R2418 | 1-218-990-81 | SHORT CHIP | | | | R3092 | 1-208-711-11 | METAL CHIP | 15K | 0.50% | 1/16W |
| R2419 | 1-218-977-11 | METAL CHIP | 100K | 5% | 1/16W | R3094 | 1-218-953-11 | METAL CHIP | 1K | 5% | 1/16W |
| R2420 | 1-218-933-11 | METAL CHIP | 22 | 5% | 1/16W | R3095 | 1-218-957-11 | METAL CHIP | 2.2K | 5% | 1/16W |
| R2421 | 1-218-990-81 | SHORT CHIP | | | | R3099 | 1-218-941-81 | METAL CHIP | 100 | 5% | 1/16W |
| R2422 | 1-208-703-11 | METAL CHIP | 6.8K | 0.50% | 1/16W | R3100 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W |
| R2431 | 1-218-973-11 | METAL CHIP | 47K | 5% | 1/16W | R3104 | 1-218-933-11 | METAL CHIP | 22 | 5% | 1/16W |
| R3000 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W | R3106 | 1-218-941-81 | METAL CHIP | 100 | 5% | 1/16W |
| R3001 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W | R3107 | 1-218-953-11 | METAL CHIP | 1K | 5% | 1/16W |
| R3002 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W | R3108 | 1-216-864-11 | SHORT CHIP | | | |
| R3003 | 1-218-977-11 | METAL CHIP | 100K | 5% | 1/16W | R3109 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W |
| R3006 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W | R3112 | 1-218-953-11 | METAL CHIP | 1K | 5% | 1/16W |
| R3013 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W | R3117 | 1-218-990-81 | SHORT CHIP | | | |

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| REF. NO. | PART NO. | DESCRIPTION | VALUES | | | REF. NO. | PART NO. | DESCRIPTION | VALUES | | |
|----------|--------------|-------------|--------|-------|-------|----------|--------------|-------------|--------|-------|-------|
| R3118 | 1-218-879-11 | METAL CHIP | 22K | 0.50% | 1/10W | R7040 | 1-218-990-81 | SHORT CHIP | | | |
| R3120 | 1-218-945-11 | METAL CHIP | 220 | 5% | 1/16W | R7041 | 1-208-715-11 | METAL CHIP | 22K | 0.50% | 1/16W |
| R3121 | 1-218-990-81 | SHORT CHIP | | | | R7042 | 1-218-990-81 | SHORT CHIP | | | |
| R3125 | 1-208-911-11 | METAL CHIP | 10K | 0.50% | 1/16W | R7043 | 1-218-971-11 | METAL CHIP | 33K | 5% | 1/16W |
| R3151 | 1-218-933-11 | METAL CHIP | 22 | 5% | 1/16W | R7044 | 1-218-973-11 | METAL CHIP | 47K | 5% | 1/16W |
| R3152 | 1-208-695-11 | METAL CHIP | 3.3K | 0.50% | 1/16W | R7045 | 1-218-990-81 | SHORT CHIP | | | |
| R3153 | 1-208-691-11 | METAL CHIP | 2.2K | 0.50% | 1/16W | R7046 | 1-218-990-81 | SHORT CHIP | | | |
| R3154 | 1-208-691-11 | METAL CHIP | 2.2K | 0.50% | 1/16W | R7047 | 1-218-990-81 | SHORT CHIP | | | |
| R3155 | 1-208-691-11 | METAL CHIP | 2.2K | 0.50% | 1/16W | R7048 | 1-218-990-81 | SHORT CHIP | | | |
| R5101 | 1-218-990-81 | SHORT CHIP | | | | R7049 | 1-208-715-11 | METAL CHIP | 22K | 0.50% | 1/16W |
| R5102 | 1-218-959-11 | METAL CHIP | 3.3K | 5% | 1/16W | R7050 | 1-218-975-11 | METAL CHIP | 68K | 5% | 1/16W |
| R5105 | 1-211-990-11 | METAL CHIP | 75 | 0.50% | 1/10W | R7051 | 1-218-990-81 | SHORT CHIP | | | |
| R5107 | 1-211-990-11 | METAL CHIP | 75 | 0.50% | 1/10W | R7052 | 1-218-990-81 | SHORT CHIP | | | |
| R5110 | 1-211-990-11 | METAL CHIP | 75 | 0.50% | 1/10W | R7053 | 1-218-990-81 | SHORT CHIP | | | |
| R5200 | 1-218-990-81 | SHORT CHIP | | | | R7054 | 1-218-990-81 | SHORT CHIP | | | |
| R5500 | 1-208-635-11 | METAL CHIP | 10 | 0.50% | 1/16W | R7055 | 1-218-977-11 | METAL CHIP | 100K | 5% | 1/16W |
| R5501 | 1-208-635-11 | METAL CHIP | 10 | 0.50% | 1/16W | R7056 | 1-218-990-81 | SHORT CHIP | | | |
| R5504 | 1-218-990-81 | SHORT CHIP | | | | R7057 | 1-218-990-81 | SHORT CHIP | | | |
| R5505 | 1-218-990-81 | SHORT CHIP | | | | R7058 | 1-218-990-81 | SHORT CHIP | | | |
| R5507 | 1-218-990-81 | SHORT CHIP | | | | R7059 | 1-208-703-11 | METAL CHIP | 6.8K | 0.50% | 1/16W |
| R5508 | 1-208-635-11 | METAL CHIP | 10 | 0.50% | 1/16W | R7060 | 1-208-699-11 | METAL CHIP | 4.7K | 0.50% | 1/16W |
| R5509 | 1-208-635-11 | METAL CHIP | 10 | 0.50% | 1/16W | R7061 | 1-218-990-81 | SHORT CHIP | | | |
| R5520 | 1-218-941-81 | METAL CHIP | 100 | 5% | 1/16W | R7062 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W |
| R5521 | 1-218-973-11 | METAL CHIP | 47K | 5% | 1/16W | R7063 | 1-218-971-11 | METAL CHIP | 33K | 5% | 1/16W |
| R5522 | 1-218-973-11 | METAL CHIP | 47K | 5% | 1/16W | R7064 | 1-208-675-11 | METAL CHIP | 470 | 0.50% | 1/16W |
| R5523 | 1-218-982-11 | METAL CHIP | 270K | 5% | 1/16W | R7065 | 1-218-990-81 | SHORT CHIP | | | |
| R5524 | 1-208-911-11 | METAL CHIP | 10K | 0.50% | 1/16W | R7066 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W |
| R5525 | 1-208-883-81 | METAL CHIP | 680 | 0.50% | 1/16W | R7067 | 1-218-990-81 | SHORT CHIP | | | |
| R7021 | 1-218-990-81 | SHORT CHIP | | | | R7068 | 1-218-990-81 | SHORT CHIP | | | |
| R7024 | 1-218-990-81 | SHORT CHIP | | | | R7069 | 1-218-990-81 | SHORT CHIP | | | |
| R7025 | 1-218-990-81 | SHORT CHIP | | | | R7070 | 1-218-990-81 | SHORT CHIP | | | |
| R7026 | 1-218-990-81 | SHORT CHIP | | | | R7071 | 1-218-990-81 | SHORT CHIP | | | |
| R7027 | 1-218-977-11 | METAL CHIP | 100K | 5% | 1/16W | R7203 | 1-218-990-81 | SHORT CHIP | | | |
| R7028 | 1-218-975-11 | METAL CHIP | 68K | 5% | 1/16W | R7205 | 1-218-961-11 | METAL CHIP | 4.7K | 5% | 1/16W |
| R7029 | 1-218-977-11 | METAL CHIP | 100K | 5% | 1/16W | R7220 | 1-218-941-81 | METAL CHIP | 100 | 5% | 1/16W |
| R7030 | 1-218-975-11 | METAL CHIP | 68K | 5% | 1/16W | R7337 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W |
| R7031 | 1-208-911-11 | METAL CHIP | 10K | 0.50% | 1/16W | R7339 | 1-218-965-11 | METAL CHIP | 10K | 5% | 1/16W |
| R7032 | 1-208-695-11 | METAL CHIP | 3.3K | 0.50% | 1/16W | R7340 | 1-208-898-81 | METAL CHIP | 3K | 0.50% | 1/16W |
| R7033 | 1-208-703-11 | METAL CHIP | 6.8K | 0.50% | 1/16W | R7341 | 1-208-635-11 | METAL CHIP | 10 | 0.50% | 1/16W |
| R7034 | 1-208-699-11 | METAL CHIP | 4.7K | 0.50% | 1/16W | R7342 | 1-208-643-11 | METAL CHIP | 22 | 0.50% | 1/16W |
| R7035 | 1-208-711-11 | METAL CHIP | 15K | 0.50% | 1/16W | R7343 | 1-218-941-81 | METAL CHIP | 100 | 5% | 1/16W |
| R7036 | 1-218-990-81 | SHORT CHIP | | | | R7344 | 1-218-941-81 | METAL CHIP | 100 | 5% | 1/16W |
| R7037 | 1-208-715-11 | METAL CHIP | 22K | 0.50% | 1/16W | R7345 | 1-218-941-81 | METAL CHIP | 100 | 5% | 1/16W |
| R7038 | 1-218-990-81 | SHORT CHIP | | | | R7404 | 1-218-957-11 | METAL CHIP | 2.2K | 5% | 1/16W |
| R7039 | 1-208-695-11 | METAL CHIP | 3.3K | 0.50% | 1/16W | R7405 | 1-208-683-11 | METAL CHIP | 1K | 0.50% | 1/16W |

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| REF. NO. | PART NO. | DESCRIPTION | VALUES | REF. NO. | PART NO. | DESCRIPTION | VALUES |
|---------------------------|--------------|---------------------------|----------------|-----------------------|--------------|-------------------|--------|
| RB3805 | 1-239-674-81 | RESISTOR, NETWORK 100 | | VD1012 | 1-802-078-11 | VARISTOR | (SMD) |
| RB3806 | 1-239-670-81 | RESISTOR, NETWORK 47 | | VD1013 | 1-802-078-11 | VARISTOR | (SMD) |
| RB5101 | 1-239-694-81 | RESISTOR, NETWORK 4.7K | | VD1014 | 1-802-078-11 | VARISTOR | (SMD) |
| RB5102 | 1-239-674-81 | RESISTOR, NETWORK 100 | | VD1016 | 1-802-078-11 | VARISTOR | (SMD) |
| RB5114 | 1-239-666-81 | RESISTOR, NETWORK 22 | | VD1017 | 1-802-078-11 | VARISTOR | (SMD) |
| RB5500 | 1-239-706-81 | RESISTOR, NETWORK 47K | | VD1018 | 1-802-078-11 | VARISTOR | (SMD) |
| RB5501 | 1-239-706-81 | RESISTOR, NETWORK 47K | | VD1019 | 1-802-078-11 | VARISTOR | (SMD) |
| RB5502 | 1-239-706-81 | RESISTOR, NETWORK 47K | | VD1025 | 1-802-078-11 | VARISTOR | (SMD) |
| RB5503 | 1-239-706-81 | RESISTOR, NETWORK 47K | | VD1026 | 1-802-078-11 | VARISTOR | (SMD) |
| RB5506 | 1-239-694-81 | RESISTOR, NETWORK 4.7K | | VD1027 | 1-802-078-11 | VARISTOR | (SMD) |
| RB7201 | 1-239-674-81 | RESISTOR, NETWORK 100 | | VD1028 | 1-802-078-11 | VARISTOR | (SMD) |
| RB7202 | 1-239-674-81 | RESISTOR, NETWORK 100 | | VD1029 | 1-802-078-11 | VARISTOR | (SMD) |
| RB7205 | 1-234-372-11 | RES, NETWORK 100 (1005X4) | | VD1030 | 1-802-078-11 | VARISTOR | (SMD) |
| RB7209 | 1-234-378-21 | RES, NETWORK 10K (1005X4) | | VD1040 | 1-802-078-11 | VARISTOR | (SMD) |
| RB7210 | 1-239-674-81 | RESISTOR, NETWORK 100 | | VD1041 | 1-802-078-11 | VARISTOR | (SMD) |
| RB7414 | 1-234-370-21 | RES, NETWORK 22 (1005X4) | | VD1042 | 1-802-078-11 | VARISTOR | (SMD) |
| RB7420 | 1-234-372-11 | RES, NETWORK 100 (1005X4) | | VD5102 | 1-802-078-11 | VARISTOR | (SMD) |
| RB7421 | 1-234-378-21 | RES, NETWORK 10K (1005X4) | | VD5103 | 1-802-078-11 | VARISTOR | (SMD) |
| RB7550 | 1-234-372-11 | RES, NETWORK 100 (1005X4) | | VD5104 | 1-802-078-11 | VARISTOR | (SMD) |
| RB7600 | 1-239-674-81 | RESISTOR, NETWORK 100 | | VD5105 | 1-802-078-11 | VARISTOR | (SMD) |
| RB7601 | 1-239-690-81 | RESISTOR, NETWORK 2.2K | | VD5106 | 1-802-078-11 | VARISTOR | (SMD) |
| RB7602 | 1-239-674-81 | RESISTOR, NETWORK 100 | | VD5107 | 1-802-078-11 | VARISTOR | (SMD) |
| RB7603 | 1-211-990-11 | METAL CHIP | 75 0.50% 1/10W | VD5108 | 1-802-078-11 | VARISTOR | (SMD) |
| RB7604 | 1-211-990-11 | METAL CHIP | 75 0.50% 1/10W | VD5109 | 1-802-078-11 | VARISTOR | (SMD) |
| RB7606 | 1-211-990-11 | METAL CHIP | 75 0.50% 1/10W | VD5110 | 1-802-078-11 | VARISTOR | (SMD) |
| RB7607 | 1-211-990-11 | METAL CHIP | 75 0.50% 1/10W | VD7506 | 1-802-090-21 | VARISTOR, CHIP | |
| RB7608 | 1-211-990-11 | METAL CHIP | 75 0.50% 1/10W | VD7507 | 1-802-090-21 | VARISTOR, CHIP | |
| RB9201 | 1-234-370-21 | RES, NETWORK 22 (1005X4) | | VD7508 | 1-802-090-21 | VARISTOR, CHIP | |
| <u>TRANSFORMER</u> | | | | <u>CRYSTAL</u> | | | |
| TB1000 | 1-780-489-12 | S TERMINAL BLOCK (RIGHT) | | X3000 | 1-814-288-21 | VIBRATOR, CERAMIC | |
| <u>TUNER</u> | | | | X3001 | 1-813-784-21 | VIBRATOR, CRYSTAL | |
| TU7600 | 8-597-686-00 | TUNER, FSS BTF-CA431T | | X7200 | 1-814-261-21 | VIBRATOR, CRYSTAL | |
| <u>VARISTOR</u> | | | | | | | |
| VD1000 | 1-802-078-11 | VARISTOR | (SMD) | | | | |
| VD1001 | 1-802-078-11 | VARISTOR | (SMD) | | | | |
| VD1003 | 1-802-078-11 | VARISTOR | (SMD) | | | | |
| VD1005 | 1-802-078-11 | VARISTOR | (SMD) | | | | |
| VD1006 | 1-802-078-11 | VARISTOR | (SMD) | | | | |
| VD1007 | 1-802-078-11 | VARISTOR | (SMD) | | | | |
| VD1008 | 1-802-078-11 | VARISTOR | (SMD) | | | | |
| VD1010 | 1-802-078-11 | VARISTOR | (SMD) | | | | |
| VD1011 | 1-802-078-11 | VARISTOR | (SMD) | | | | |

G2CE HLR4 HSR IP1

| REF. NO. | PART NO. | DESCRIPTION | VALUES | REF. NO. | PART NO. | DESCRIPTION | VALUES |
|-------------|--------------|--|--------------------------------|------------|----------|-------------|--------|
| G2CE | | | | | | | |
| | 1-474-164-11 | POWER UNIT (G2CE BOARD) (KDL-32XBR9 ONLY) | | | | | |
| | | This board is manufactured by a 3rd party. Component level repair information is not available. | | | | | |
| HLR4 | | | | | | | |
| | A-1726-167-A | HLR4 (VAR) BOARD, MOUNTED | | | | | |
| | | DIODE | | | | | |
| D600 | 6-502-615-01 | DIODE | SML-Z14MTT86A | | | | |
| D601 | 6-502-755-01 | DIODE | SML-Z14YTT86A | | | | |
| D602 | 6-502-615-01 | DIODE | SML-Z14MTT86A | | | | |
| D605 | 6-502-609-01 | DIODE | SML-Z14VTT86A | | | | |
| | | TRANSISTOR | | | | | |
| Q600 | 6-551-815-01 | TRANSISTOR | UNR52A1G0LS0 | | | | |
| Q601 | 6-551-815-01 | TRANSISTOR | UNR52A1G0LS0 | | | | |
| Q602 | 6-551-815-01 | TRANSISTOR | UNR52A1G0LS0 | | | | |
| Q605 | 6-551-815-01 | TRANSISTOR | UNR52A1G0LS0 | | | | |
| | | RESISTOR | | | | | |
| R612 | 1-208-889-11 | METAL CHIP | 1.2K 0.50% 1/16W | | | | |
| R613 | 1-218-959-11 | METAL CHIP | 3.3K 5% 1/16W | | | | |
| R614 | 1-208-889-11 | METAL CHIP | 1.2K 0.50% 1/16W | | | | |
| R617 | 1-208-697-11 | METAL CHIP | 3.9K 0.50% 1/16W | | | | |
| HSR | | | | | | | |
| | A-1650-551-A | HSR BOARD, MOUNTED | | | | | |
| | | CAPACITOR | | | | | |
| C401 | 1-112-068-11 | CERAMIC CHIP | 220pF 10% 50V | | | | |
| C402 | 1-100-909-11 | CERAMIC CHIP | 10µF 10% 6.3V | | | | |
| C404 | 1-100-916-11 | CERAMIC CHIP | 0.1µF 10% 16V | | | | |
| C405 | 1-114-333-11 | CERAMIC CHIP | 47µF 10% 6.3V | | | | |
| C406 | 1-114-130-11 | CERAMIC CHIP | 1µF 10% 6.3V | | | | |
| | | CONNECTOR | | | | | |
| * | CN401 | 1-821-132-11 | HEADER ASSEMBLY FOR PWB | | | | |
| * | CN402 | 1-819-472-11 | HEADER ASSEMBLY FOR PWB | | | | |
| | | DIODE | | | | | |
| D402 | 6-501-734-01 | DIODE | MAZ8056GMLS0 | | | | |
| | | | | IP1 | | | |
| | | IC | | | | | |
| IC401 | 6-600-681-01 | IC | RS-770N | | | | |
| IC402 | 6-600-680-01 | PHOTO DIODE | BH1690FVC-TRANSISTOR | | | | |
| | | TRANSISTOR | | | | | |
| Q401 | 6-551-775-01 | TRANSISTOR | 2SA2122G0LS0 | | | | |
| | | RESISTOR | | | | | |
| R401 | 1-218-949-11 | METAL CHIP | 470 5% 1/16W | | | | |
| R402 | 1-218-937-11 | METAL CHIP | 47 5% 1/16W | | | | |
| R403 | 1-218-990-81 | SHORT CHIP | | | | | |
| R404 | 1-218-955-11 | METAL CHIP | 1.5K 5% 1/16W | | | | |
| R406 | 1-218-990-81 | SHORT CHIP | | | | | |
| R407 | 1-218-979-11 | METAL CHIP | 150K 5% 1/16W | | | | |
| R408 | 1-218-965-11 | METAL CHIP | 10K 5% 1/16W | | | | |
| R409 | 1-218-971-11 | METAL CHIP | 33K 5% 1/16W | | | | |
| R411 | 1-218-953-11 | METAL CHIP | 1K 5% 1/16W | | | | |
| | | IP1 BOARD, COMPLETE (KDL-40V5100 ONLY) | | | | | |
| | | 2-580-592-01 | SCREW, +PSW M3X8 | | | | |
| | | 7-322-065-48 | RUBBER, SILICONE RTV (KE-3490) | | | | |
| | | CAPACITOR | | | | | |
| C6003 | 1-114-595-11 | FILM | 0.47µF 10% 310V | | | | |
| C6006 | 1-112-876-51 | CERAMIC | 470pF 10% 250V | | | | |
| C6007 | 1-112-874-51 | CERAMIC | 220pF 10% 250V | | | | |
| C6010 | 1-112-876-51 | CERAMIC | 470pF 10% 250V | | | | |
| C6011 | 1-112-874-51 | CERAMIC | 220pF 10% 250V | | | | |
| C6018 | 1-114-594-11 | FILM | 0.22µF 10% 310V | | | | |
| C6019 | 1-114-323-11 | CERAMIC CHIP | 0.01µF 10% 50V | | | | |
| C6020 | 1-114-868-11 | CERAMIC CHIP | 0.1µF 10% 50V | | | | |
| C6024 | 1-112-876-51 | CERAMIC | 470pF 10% 250V | | | | |
| C6100 | 1-114-323-11 | CERAMIC CHIP | 0.01µF 10% 50V | | | | |
| 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 | | | | |
| C6105 | 1-100-912-11 | CERAMIC CHIP | 1µF 10% 25V | | | | |
| C6106 | 1-114-323-11 | CERAMIC CHIP | 0.01µF 10% 50V | | | | |
| C6108 | 1-114-325-11 | CERAMIC CHIP | 0.1µF 10% 25V | | | | |
| C6110 | 1-112-481-11 | CERAMIC | 470pF 10% 1KV | | | | |
| C6111 | 1-100-732-11 | FILM | 18000pF 3% 1KV | | | | |
| C6113 | 1-114-868-11 | CERAMIC CHIP | 0.1µF 10% 50V | | | | |
| C6114 | 1-100-912-11 | CERAMIC CHIP | 1µF 10% 25V | | | | |

IP1

| REF. NO. | PART NO. | DESCRIPTION | VALUES | | | REF. NO. | PART NO. | DESCRIPTION | VALUES | | |
|----------|--------------|--------------|----------|-----|------|----------|--------------|--------------|---------|-----|------|
| C6123 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V | C6552 | 1-114-747-11 | FILM | 2.2μF | 5% | 450V |
| C6124 | 1-114-868-11 | CERAMIC CHIP | 0.1μF | 10% | 50V | C6575 | 1-114-329-11 | CERAMIC CHIP | 0.47μF | 10% | 50V |
| C6150 | 1-114-328-11 | CERAMIC CHIP | 0.047μF | 10% | 50V | C6576 | 1-112-241-21 | ELECT | 1000μF | 20% | 25V |
| C6151 | 1-114-324-11 | CERAMIC CHIP | 0.022μF | 10% | 50V | C6600 | 1-112-744-61 | MYLAR | 1μF | 10% | 450V |
| C6152 | 1-112-229-21 | ELECT | 1500μF | 20% | 16V | C6601 | 1-100-831-91 | CERAMIC CHIP | 0.001μF | 2% | 50V |
| C6153 | 1-112-229-21 | ELECT | 1500μF | 20% | 16V | C6602 | 1-100-831-91 | CERAMIC CHIP | 0.001μF | 2% | 50V |
| C6155 | 1-114-323-11 | CERAMIC CHIP | 0.01μF | 10% | 50V | C6605 | 1-112-744-61 | MYLAR | 1μF | 10% | 450V |
| C6161 | 1-114-324-11 | CERAMIC CHIP | 0.022μF | 10% | 50V | C6606 | 1-112-744-61 | MYLAR | 1μF | 10% | 450V |
| C6200 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V | C6607 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| C6201 | 1-162-927-11 | CERAMIC CHIP | 100pF | 5% | 50V | C6701 | 1-107-882-91 | ELECT | 100μF | 20% | 16V |
| C6202 | 1-107-902-11 | ELECT | 1μF | 20% | 50V | C6703 | 1-162-927-11 | CERAMIC CHIP | 100pF | 5% | 50V |
| C6203 | 1-100-139-31 | FILM | 0.001μF | 5% | 630V | C6704 | 1-162-927-11 | CERAMIC CHIP | 100pF | 5% | 50V |
| C6204 | 1-107-903-11 | ELECT | 2.2μF | 20% | 50V | C6707 | 1-114-813-11 | CERAMIC CHIP | 1μF | 10% | 16V |
| C6205 | 1-107-910-11 | ELECT | 100μF | 20% | 50V | C6708 | 1-114-813-11 | CERAMIC CHIP | 1μF | 10% | 16V |
| C6206 | 1-100-831-91 | CERAMIC CHIP | 0.001μF | 2% | 50V | C6710 | 1-114-339-91 | CERAMIC CHIP | 3300pF | 5% | 50V |
| C6250 | 1-128-949-31 | ELECT | 470μF | 20% | 16V | C6712 | 1-114-339-91 | CERAMIC CHIP | 3300pF | 5% | 50V |
| C6251 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V | C6713 | 1-114-339-91 | CERAMIC CHIP | 3300pF | 5% | 50V |
| C6300 | 1-114-323-11 | CERAMIC CHIP | 0.01μF | 10% | 50V | C6714 | 1-114-339-91 | CERAMIC CHIP | 3300pF | 5% | 50V |
| C6301 | 1-114-323-11 | CERAMIC CHIP | 0.01μF | 10% | 50V | C6715 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| C6303 | 1-100-912-11 | CERAMIC CHIP | 1μF | 10% | 25V | C6716 | 1-112-064-11 | CERAMIC CHIP | 2.2μF | 10% | 10V |
| C6304 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V | C6718 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| C6305 | 1-114-326-11 | CERAMIC CHIP | 0.22μF | 10% | 25V | C6720 | 1-127-804-91 | CERAMIC CHIP | 100pF | 1% | 50V |
| C6311 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V | C6721 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| C6317 | 1-100-831-91 | CERAMIC CHIP | 0.001μF | 2% | 50V | C6722 | 1-112-781-11 | CERAMIC CHIP | 1μF | 10% | 10V |
| C6400 | 1-114-323-11 | CERAMIC CHIP | 0.01μF | 10% | 50V | C6723 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| C6402 | 1-114-323-11 | CERAMIC CHIP | 0.01μF | 10% | 50V | C6724 | 1-114-323-11 | CERAMIC CHIP | 0.01μF | 10% | 50V |
| C6407 | 1-100-912-11 | CERAMIC CHIP | 1μF | 10% | 25V | C6725 | 1-164-217-11 | CERAMIC CHIP | 150pF | 5% | 50V |
| C6408 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V | C6726 | 1-164-315-11 | CERAMIC CHIP | 470pF | 5% | 50V |
| C6409 | 1-100-831-91 | CERAMIC CHIP | 0.001μF | 2% | 50V | C6727 | 1-114-323-11 | CERAMIC CHIP | 0.01μF | 10% | 50V |
| C6410 | 1-114-323-11 | CERAMIC CHIP | 0.01μF | 10% | 50V | C6728 | 1-114-323-11 | CERAMIC CHIP | 0.01μF | 10% | 50V |
| C6502 | 1-107-906-11 | ELECT | 10μF | 20% | 50V | C6729 | 1-100-912-11 | CERAMIC CHIP | 1μF | 10% | 25V |
| C6514 | 1-112-780-11 | CERAMIC CHIP | 0.47μF | 10% | 16V | C6730 | 1-162-927-11 | CERAMIC CHIP | 100pF | 5% | 50V |
| C6515 | 1-114-324-11 | CERAMIC CHIP | 0.022μF | 10% | 50V | C6731 | 1-114-331-11 | CERAMIC CHIP | 4.7μF | 10% | 10V |
| C6516 | 1-112-481-11 | CERAMIC | 470pF | 10% | 1KV | C6732 | 1-107-882-91 | ELECT | 100μF | 20% | 16V |
| C6517 | 1-112-481-11 | CERAMIC | 470pF | 10% | 1KV | C6733 | 1-100-912-11 | CERAMIC CHIP | 1μF | 10% | 25V |
| C6519 | 1-114-322-11 | CERAMIC CHIP | 0.0047μF | 10% | 50V | C6734 | 1-100-909-11 | CERAMIC CHIP | 10μF | 10% | 6.3V |
| C6520 | 1-114-323-11 | CERAMIC CHIP | 0.01μF | 10% | 50V | C6738 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| C6521 | 1-114-323-11 | CERAMIC CHIP | 0.01μF | 10% | 50V | C6740 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| C6522 | 1-112-481-11 | CERAMIC | 470pF | 10% | 1KV | C6741 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| C6523 | 1-112-481-11 | CERAMIC | 470pF | 10% | 1KV | C6742 | 1-107-882-91 | ELECT | 100μF | 20% | 16V |
| C6524 | 1-162-919-11 | CERAMIC CHIP | 22pF | 5% | 50V | C6743 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| C6526 | 1-107-908-11 | ELECT | 33μF | 20% | 50V | C6744 | 1-100-831-91 | CERAMIC CHIP | 0.001μF | 2% | 50V |
| C6527 | 1-114-868-11 | CERAMIC CHIP | 0.1μF | 10% | 50V | C6745 | 1-112-781-11 | CERAMIC CHIP | 1μF | 10% | 10V |
| C6550 | 1-112-744-61 | MYLAR | 1μF | 10% | 450V | C6746 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| C6551 | 1-112-873-11 | CERAMIC | 100pF | 10% | 250V | C6749 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V |

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.

IP1

| REF. NO. | PART NO. | DESCRIPTION | VALUES | REF. NO. | PART NO. | DESCRIPTION | VALUES |
|------------------|--------------|--------------|--------------------------------|-----------------------|--------------|-------------|-----------------|
| C6750 | 1-100-831-91 | CERAMIC CHIP | 0.001 μ F 2% 50V | D6702 | 6-502-318-01 | DIODE | MA4J1130GLS0 |
| C6751 | 1-114-325-11 | CERAMIC CHIP | 0.1 μ F 10% 25V | D6703 | 6-502-318-01 | DIODE | MA4J1130GLS0 |
| C6752 | 1-114-325-11 | CERAMIC CHIP | 0.1 μ F 10% 25V | D6704 | 6-501-724-01 | DIODE | MAZ8047G0LS0 |
| C6753 | 1-114-325-11 | CERAMIC CHIP | 0.1 μ F 10% 25V | D6705 | 6-501-724-01 | DIODE | MAZ8047G0LS0 |
| C6754 | 1-114-325-11 | CERAMIC CHIP | 0.1 μ F 10% 25V | D6706 | 6-502-318-01 | DIODE | MA4J1130GLS0 |
| C6760 | 1-114-329-11 | CERAMIC CHIP | 0.47 μ F 10% 50V | D6707 | 6-501-740-01 | DIODE | MAZ8068G0LS0 |
| C6800 | 1-112-876-51 | CERAMIC | 470pF 10% 250V | D6708 | 6-501-740-01 | DIODE | MAZ8068G0LS0 |
| CONNECTOR | | | | FUSE | | | |
| * | CN6000 | 1-793-660-11 | PIN, CONNECTOR (PC BOARD) 3P | \triangle F6001 | 1-523-043-51 | FUSE | 6.3MA 250V |
| * | CN6150 | 1-793-235-11 | PIN, CONNECTOR (PC BOARD) 13P | FERRITE BEAD | | | |
| * | CN6151 | 1-779-944-21 | PIN, CONNECTOR (PC BOARD) 4P | FB6100 | 1-412-911-11 | FERRITE | 0 μ H |
| * | CN6154 | 1-785-702-11 | PIN, CONNECTOR (PC BOARD) 5P | FB6101 | 1-412-911-11 | FERRITE | 0 μ H |
| | CN6700 | 1-821-935-11 | HEADER ASSEMBLY FOR PWB, MDF61 | FB6504 | 1-412-911-11 | FERRITE | 0 μ H |
| * | CN6701 | 1-785-704-11 | PIN, CONNECTOR (PC BOARD) 7P | FB6600 | 1-410-396-41 | FERRITE | 0.45 μ H |
| * | CN6701 | 1-785-704-21 | PIN, CONNECTOR (PC BOARD) 7P | FB6601 | 1-410-396-41 | FERRITE | 0.45 μ H |
| DIODE | | | | FB6602 | 1-410-396-41 | FERRITE | 0.45 μ H |
| D6000 | 8-719-026-63 | DIODE | D10XB60S | FB6603 | 1-410-396-41 | FERRITE | 0.45 μ H |
| D6001 | 6-501-817-01 | DIODE | MA2J1110GLS0 | FB6700 | 1-414-793-21 | FERRITE | 0 μ H |
| D6003 | 6-502-318-01 | DIODE | MA4J1130GLS0 | FB6701 | 1-414-793-21 | FERRITE | 0 μ H |
| D6103 | 8-719-979-64 | DIODE | UF4005/23 | FB6800 | 1-412-911-11 | FERRITE | 0 μ H |
| D6104 | 8-719-081-67 | DIODE | M1FM3 | IC | | | |
| D6201 | 6-502-380-01 | DIODE | AB01BV1 | IC6101 | 6-711-947-01 | IC | MM1431CURE |
| D6202 | 6-501-817-01 | DIODE | MA2J1110GLS0 | IC6200 | 6-708-801-01 | IC | MIP2H2 |
| D6203 | 6-500-567-31 | DIODE | 10ERB20-TB3 | IC6300 | 6-713-007-01 | IC | MM3313AFFE |
| D6204 | 6-500-567-31 | DIODE | 10ERB20-TB3 | IC6501 | 6-709-192-01 | IC | FA5501AN-D1-TE1 |
| D6250 | 6-501-526-01 | DIODE | D1NS6-TR2 | \triangle IC6701 | 6-702-877-01 | IC | LD1117S50TR |
| D6301 | 6-501-747-01 | DIODE | MAZ8075GMLS0 | CHIP CONDUCTOR | | | |
| D6400 | 6-501-774-01 | DIODE | MAZ8150G0LS0 | JR605 | 1-216-296-11 | SHORT CHIP | |
| * | D6510 | 8-719-055-38 | DIODE SF5L60 | JR606 | 1-216-864-11 | SHORT CHIP | |
| D6511 | 6-502-378-01 | DIODE | MA22F2000LS0 | JR607 | 1-216-864-11 | SHORT CHIP | |
| D6512 | 6-501-817-01 | DIODE | MA2J1110GLS0 | JR608 | 1-216-296-11 | SHORT CHIP | |
| D6513 | 8-719-027-76 | DIODE | 1SS357-TPH3 | JR609 | 1-216-296-11 | SHORT CHIP | |
| D6514 | 6-501-817-01 | DIODE | MA2J1110GLS0 | JR610 | 1-216-295-91 | SHORT CHIP | |
| D6600 | 8-719-083-57 | DIODE | UDZSUSTE-173.6B | JR611 | 1-216-296-11 | SHORT CHIP | |
| D6601 | 8-719-083-57 | DIODE | UDZSUSTE-173.6B | JR612 | 1-216-296-11 | SHORT CHIP | |
| D6602 | 6-501-818-01 | DIODE | MA2J1130GLS0 | JR613 | 1-216-864-11 | SHORT CHIP | |
| D6603 | 6-501-818-01 | DIODE | MA2J1130GLS0 | JR614 | 1-216-296-11 | SHORT CHIP | |
| D6606 | 6-501-848-01 | DIODE | S3K60 | JR615 | 1-216-864-11 | SHORT CHIP | |
| D6607 | 6-501-848-01 | DIODE | S3K60 | JR616 | 1-216-296-11 | SHORT CHIP | |
| D6608 | 6-501-848-01 | DIODE | S3K60 | JR617 | 1-216-296-11 | SHORT CHIP | |
| D6609 | 6-501-848-01 | DIODE | S3K60 | JR618 | 1-216-296-11 | SHORT CHIP | |
| | | | | JR619 | 1-216-864-11 | SHORT CHIP | |

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.

IP1

| REF. NO. | PART NO. | DESCRIPTION | VALUES | | | REF. NO. | PART NO. | DESCRIPTION | VALUES | | |
|----------|--------------|-------------|--------|-------|-------|-------------------|--------------|-------------|--------|-------|-------|
| R6154 | 1-218-877-11 | METAL CHIP | 18K | 0.50% | 1/10W | R6407 | 1-216-839-11 | METAL CHIP | 33K | 5% | 1/10W |
| R6155 | 1-218-823-11 | METAL CHIP | 100 | 0.50% | 1/10W | R6410 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6156 | 1-218-863-11 | METAL CHIP | 4.7K | 0.50% | 1/10W | R6414 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R6157 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/10W | R6417 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R6158 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | R6418 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R6159 | 1-216-793-11 | METAL CHIP | 4.7 | 5% | 1/10W | R6421 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R6200 | 1-246-188-51 | FUSIBLE | 10 | 5% | 1/2W | \triangle R6500 | 1-220-926-81 | FUSIBLE | 0.47 | 10% | 1/2W |
| R6201 | 1-218-865-11 | METAL CHIP | 5.6K | 0.50% | 1/10W | R6501 | 1-208-814-91 | METAL CHIP | 22K | 0.50% | 1/10W |
| R6202 | 1-243-725-71 | METAL OXIDE | 100K | 5% | 1W | R6502 | 1-249-401-11 | CARBON | 47 | 5% | 1/4W |
| R6203 | 1-249-385-11 | CARBON | 2.2 | 5% | 1/4W | R6503 | 1-218-913-91 | METAL CHIP | 560K | 0.50% | 1/10W |
| R6250 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W | R6510 | 1-218-871-11 | METAL CHIP | 10K | 0.50% | 1/10W |
| R6251 | 1-216-827-11 | METAL CHIP | 3.3K | 5% | 1/10W | R6512 | 1-216-864-11 | SHORT CHIP | | | |
| R6252 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W | R6513 | 1-215-882-00 | METAL OXIDE | 22 | 5% | 2W |
| R6253 | 1-218-887-11 | METAL CHIP | 47K | 0.50% | 1/10W | R6514 | 1-218-885-11 | METAL CHIP | 39K | 0.50% | 1/10W |
| R6254 | 1-218-871-11 | METAL CHIP | 10K | 0.50% | 1/10W | R6516 | 1-246-388-11 | METAL | 0.1 | 5% | 5W |
| R6255 | 1-218-867-11 | METAL CHIP | 6.8K | 0.50% | 1/10W | R6517 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6300 | 1-216-857-11 | METAL CHIP | 1M | 5% | 1/10W | R6518 | 1-216-797-11 | METAL CHIP | 10 | 5% | 1/10W |
| R6301 | 1-218-905-11 | METAL CHIP | 270K | 0.50% | 1/10W | R6520 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W |
| R6302 | 1-216-857-11 | METAL CHIP | 1M | 5% | 1/10W | R6523 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R6303 | 1-218-891-11 | METAL CHIP | 68K | 0.50% | 1/10W | R6524 | 1-215-882-00 | METAL OXIDE | 22 | 5% | 2W |
| R6305 | 1-216-864-11 | SHORT CHIP | | | | R6525 | 1-249-397-11 | CARBON | 22 | 5% | 1/4W |
| R6306 | 1-218-867-11 | METAL CHIP | 6.8K | 0.50% | 1/10W | R6527 | 1-208-814-91 | METAL CHIP | 22K | 0.50% | 1/10W |
| R6307 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W | R6528 | 1-216-851-11 | METAL CHIP | 330K | 5% | 1/10W |
| R6308 | 1-218-867-11 | METAL CHIP | 6.8K | 0.50% | 1/10W | R6529 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W |
| R6309 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | R6530 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R6310 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W | R6531 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R6311 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/10W | R6532 | 1-218-893-11 | METAL CHIP | 82K | 0.50% | 1/10W |
| R6312 | 1-218-891-11 | METAL CHIP | 68K | 0.50% | 1/10W | R6534 | 1-208-850-11 | METAL CHIP | 680K | 0.50% | 1/10W |
| R6313 | 1-218-913-91 | METAL CHIP | 560K | 0.50% | 1/10W | R6535 | 1-208-846-11 | METAL CHIP | 470K | 0.50% | 1/10W |
| R6314 | 1-218-891-11 | METAL CHIP | 68K | 0.50% | 1/10W | R6536 | 1-208-842-11 | METAL CHIP | 330K | 0.50% | 1/10W |
| R6316 | 1-218-897-11 | METAL CHIP | 120K | 0.50% | 1/10W | R6538 | 1-218-887-11 | METAL CHIP | 47K | 0.50% | 1/10W |
| R6319 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | R6558 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6322 | 1-218-899-11 | METAL CHIP | 150K | 0.50% | 1/16W | R6559 | 1-249-401-11 | CARBON | 47 | 5% | 1/4W |
| R6323 | 1-208-845-11 | METAL CHIP | 430K | 0.50% | 1/10W | R6562 | 1-216-864-11 | SHORT CHIP | | | |
| R6324 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | R6563 | 1-218-895-11 | METAL CHIP | 100K | 0.50% | 1/10W |
| R6329 | 1-249-385-11 | CARBON | 2.2 | 5% | 1/4W | R6602 | 1-216-021-00 | METAL CHIP | 68 | 5% | 1/10W |
| R6333 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | R6605 | 1-216-021-00 | METAL CHIP | 68 | 5% | 1/10W |
| R6334 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W | R6606 | 1-216-049-11 | METAL CHIP | 1K | 5% | 1/10W |
| R6335 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W | R6607 | 1-216-049-11 | METAL CHIP | 1K | 5% | 1/10W |
| R6336 | 1-216-863-11 | METAL CHIP | 3.3M | 5% | 1/10W | R6608 | 1-216-049-11 | METAL CHIP | 1K | 5% | 1/10W |
| R6337 | 1-245-118-91 | METAL CHIP | 2.2M | 0.50% | 1/10W | R6609 | 1-216-049-11 | METAL CHIP | 1K | 5% | 1/10W |
| R6400 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | R6611 | 1-216-793-11 | METAL CHIP | 4.7 | 5% | 1/10W |
| R6403 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W | R6613 | 1-216-793-11 | METAL CHIP | 4.7 | 5% | 1/10W |
| R6405 | 1-216-839-11 | METAL CHIP | 33K | 5% | 1/10W | R6614 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6406 | 1-216-817-11 | METAL CHIP | 470 | 5% | 1/10W | R6615 | 1-216-833-11 | METAL CHIP | 10K | 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 | | |
|-------------------|--------------|-------------|--------|-------|-------|--------------------|---|--------------------------------|---------------|-------|-------|
| R6616 | 1-216-857-11 | METAL CHIP | 1M | 5% | 1/10W | R6761 | 1-218-871-11 | METAL CHIP | 10K | 0.50% | 1/10W |
| \triangle R6700 | 1-216-793-11 | METAL CHIP | 4.7 | 5% | 1/10W | R6762 | 1-218-887-11 | METAL CHIP | 47K | 0.50% | 1/10W |
| R6703 | 1-216-793-11 | METAL CHIP | 4.7 | 5% | 1/10W | R6763 | 1-218-871-11 | METAL CHIP | 10K | 0.50% | 1/10W |
| R6704 | 1-216-793-11 | METAL CHIP | 4.7 | 5% | 1/10W | R6764 | 1-216-825-11 | METAL CHIP | 2.2K | 5% | 1/10W |
| R6707 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | R6765 | 1-216-793-11 | METAL CHIP | 4.7 | 5% | 1/10W |
| R6708 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | \triangle R6766 | 1-218-446-11 | METAL CHIP | 1 | 5% | 1/10W |
| R6709 | 1-218-895-11 | METAL CHIP | 100K | 0.50% | 1/10W | R6767 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R6710 | 1-216-864-11 | SHORT CHIP | | | | R6768 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R6711 | 1-216-864-11 | SHORT CHIP | | | | R6769 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R6712 | 1-218-863-11 | METAL CHIP | 4.7K | 0.50% | 1/10W | R6770 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R6713 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W | RELAY | | | | | |
| R6714 | 1-218-883-11 | METAL CHIP | 33K | 0.50% | 1/10W | RY6000 | 1-755-516-11 | RELAY (AC POWER) | | | |
| R6716 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W | TRANSFORMER | | | | | |
| R6719 | 1-218-879-11 | METAL CHIP | 22K | 0.50% | 1/10W | T6101 | 1-445-426-11 | CONVERTER TRANSFORMER (PIT) | | | |
| R6720 | 1-218-851-11 | METAL CHIP | 1.5K | 0.50% | 1/10W | T6200 | 1-443-984-21 | CONVERTER TRANSFORMER (SBT) | | | |
| R6721 | 1-218-861-11 | METAL CHIP | 3.9K | 0.50% | 1/10W | T6800 | 1-445-419-21 | TRANSFORMER, DRIVE | | | |
| R6722 | 1-218-885-11 | METAL CHIP | 39K | 0.50% | 1/10W | THERMISTOR | | | | | |
| R6724 | 1-218-871-11 | METAL CHIP | 10K | 0.50% | 1/10W | TH6300 | 1-809-789-71 | THERMISTOR, POSITIVE | | | |
| R6726 | 1-211-981-11 | METAL CHIP | 33 | 0.50% | 1/10W | VARISTOR | | | | | |
| R6727 | 1-211-981-11 | METAL CHIP | 33 | 0.50% | 1/10W | VD6000 | 1-804-996-21 | VARISTOR | | | |
| R6728 | 1-211-981-11 | METAL CHIP | 33 | 0.50% | 1/10W | VD6001 | 1-804-996-21 | VARISTOR | | | |
| R6729 | 1-211-981-11 | METAL CHIP | 33 | 0.50% | 1/10W | IP2 | | | | | |
| R6732 | 1-211-985-11 | METAL CHIP | 47 | 0.50% | 1/10W | A-1660-728-A | IP2 BOARD, COMPLETE (KDL-46V5100 ONLY) | | | | |
| R6733 | 1-211-985-11 | METAL CHIP | 47 | 0.50% | 1/10W | | 2-580-592-01 | SCREW, +PSW M3X8 | | | |
| R6734 | 1-211-985-11 | METAL CHIP | 47 | 0.50% | 1/10W | | 7-322-065-48 | RUBBER, SILICONE RTV (KE-3490) | | | |
| R6735 | 1-218-875-11 | METAL CHIP | 15K | 0.50% | 1/10W | CAPACITOR | | | | | |
| R6736 | 1-216-864-11 | SHORT CHIP | | | | C6003 | 1-114-595-11 | FILM | 0.47 μ F | 10% | 310V |
| R6737 | 1-218-863-11 | METAL CHIP | 4.7K | 0.50% | 1/10W | C6006 | 1-112-876-51 | CERAMIC | 470pF | 10% | 250V |
| R6741 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | C6007 | 1-112-874-51 | CERAMIC | 220pF | 10% | 250V |
| R6742 | 1-216-864-11 | SHORT CHIP | | | | C6010 | 1-112-876-51 | CERAMIC | 470pF | 10% | 250V |
| R6743 | 1-216-864-11 | SHORT CHIP | | | | C6011 | 1-112-874-51 | CERAMIC | 220pF | 10% | 250V |
| R6744 | 1-218-871-11 | METAL CHIP | 10K | 0.50% | 1/10W | C6018 | 1-114-594-11 | FILM | 0.22 μ F | 10% | 310V |
| R6746 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W | C6020 | 1-114-323-11 | CERAMIC CHIP | 0.01 μ F | 10% | 50V |
| R6747 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W | C6024 | 1-112-876-51 | CERAMIC | 470pF | 10% | 250V |
| R6748 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | C6100 | 1-114-323-11 | CERAMIC CHIP | 0.01 μ F | 10% | 50V |
| R6749 | 1-218-905-11 | METAL CHIP | 270K | 0.50% | 1/10W | C6101 | 1-100-831-91 | CERAMIC CHIP | 0.001 μ F | 2% | 50V |
| R6750 | 1-218-883-11 | METAL CHIP | 33K | 0.50% | 1/10W | C6102 | 1-107-906-11 | ELECT | 10 μ F | 20% | 50V |
| R6751 | 1-218-895-11 | METAL CHIP | 100K | 0.50% | 1/10W | C6103 | 1-107-905-11 | ELECT | 4.7 μ F | 20% | 50V |
| R6753 | 1-218-847-11 | METAL CHIP | 1K | 0.50% | 1/10W | C6105 | 1-100-912-11 | CERAMIC CHIP | 1 μ F | 10% | 25V |
| R6754 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | | | | | | |
| R6756 | 1-218-895-11 | METAL CHIP | 100K | 0.50% | 1/10W | | | | | | |
| R6757 | 1-218-871-11 | METAL CHIP | 10K | 0.50% | 1/10W | | | | | | |
| R6758 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/10W | | | | | | |
| R6759 | 1-218-847-11 | METAL CHIP | 1K | 0.50% | 1/10W | | | | | | |
| R6760 | 1-218-895-11 | METAL CHIP | 100K | 0.50% | 1/10W | | | | | | |



| REF. NO. | PART NO. | DESCRIPTION | VALUES | | | REF. NO. | PART NO. | DESCRIPTION | VALUES | | |
|----------|--------------|--------------|----------|-----|------|----------|--------------|--------------|---------|-----|------|
| C6106 | 1-114-323-11 | CERAMIC CHIP | 0.01μF | 10% | 50V | C6522 | 1-114-329-11 | CERAMIC CHIP | 0.47μF | 10% | 50V |
| C6108 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V | C6523 | 1-107-906-11 | ELECT | 10μF | 20% | 50V |
| C6110 | 1-112-481-11 | CERAMIC | 470pF | 10% | 1KV | C6525 | 1-107-906-11 | ELECT | 10μF | 20% | 50V |
| C6111 | 1-100-732-11 | FILM | 18000pF | 3% | 1KV | C6531 | 1-162-919-11 | CERAMIC CHIP | 22pF | 5% | 50V |
| C6113 | 1-114-868-11 | CERAMIC CHIP | 0.1μF | 10% | 50V | C6532 | 1-162-919-11 | CERAMIC CHIP | 22pF | 5% | 50V |
| C6119 | 1-100-912-11 | CERAMIC CHIP | 1μF | 10% | 25V | C6550 | 1-112-744-61 | MYLAR | 1μF | 10% | 450V |
| C6150 | 1-114-328-11 | CERAMIC CHIP | 0.047μF | 10% | 50V | C6551 | 1-112-873-11 | CERAMIC | 100pF | 10% | 250V |
| C6151 | 1-114-324-11 | CERAMIC CHIP | 0.022μF | 10% | 50V | C6552 | 1-114-745-11 | FILM | 1μF | 5% | 450V |
| C6152 | 1-112-229-21 | ELECT | 1500μF | 20% | 16V | C6559 | 1-112-481-11 | CERAMIC | 470pF | 10% | 1KV |
| C6153 | 1-112-229-21 | ELECT | 1500μF | 20% | 16V | C6560 | 1-112-481-11 | CERAMIC | 470pF | 10% | 1KV |
| C6155 | 1-114-323-11 | CERAMIC CHIP | 0.01μF | 10% | 50V | C6561 | 1-112-481-11 | CERAMIC | 470pF | 10% | 1KV |
| C6160 | 1-112-241-21 | ELECT | 1000μF | 20% | 25V | C6562 | 1-112-481-11 | CERAMIC | 470pF | 10% | 1KV |
| C6161 | 1-114-324-11 | CERAMIC CHIP | 0.022μF | 10% | 50V | C6568 | 1-112-481-11 | CERAMIC | 470pF | 10% | 1KV |
| C6200 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V | C6569 | 1-112-481-11 | CERAMIC | 470pF | 10% | 1KV |
| C6201 | 1-162-927-11 | CERAMIC CHIP | 100pF | 5% | 50V | C6570 | 1-112-481-11 | CERAMIC | 470pF | 10% | 1KV |
| C6202 | 1-107-902-11 | ELECT | 1μF | 20% | 50V | C6571 | 1-112-481-11 | CERAMIC | 470pF | 10% | 1KV |
| C6203 | 1-100-139-31 | FILM | 0.001μF | 5% | 630V | C6574 | 1-114-293-11 | ELECT(BLOCK) | 220μF | 20% | 450V |
| C6204 | 1-107-903-11 | ELECT | 2.2μF | 20% | 50V | C6575 | 1-114-329-11 | CERAMIC CHIP | 0.47μF | 10% | 50V |
| C6205 | 1-107-910-11 | ELECT | 100μF | 20% | 50V | C6576 | 1-107-904-11 | ELECT | 3.3μF | 20% | 50V |
| C6206 | 1-100-831-91 | CERAMIC CHIP | 0.001μF | 2% | 50V | C6577 | 1-114-328-11 | CERAMIC CHIP | 0.047μF | 10% | 50V |
| C6250 | 1-128-949-31 | ELECT | 470μF | 20% | 16V | C6578 | 1-112-527-91 | CERAMIC CHIP | 680pF | 2% | 50V |
| C6251 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V | C6600 | 1-112-744-61 | MYLAR | 1μF | 10% | 450V |
| C6300 | 1-114-323-11 | CERAMIC CHIP | 0.01μF | 10% | 50V | C6601 | 1-100-831-91 | CERAMIC CHIP | 0.001μF | 2% | 50V |
| C6301 | 1-114-814-11 | CERAMIC CHIP | 0.33μF | 10% | 25V | C6602 | 1-100-831-91 | CERAMIC CHIP | 0.001μF | 2% | 50V |
| C6302 | 1-114-323-11 | CERAMIC CHIP | 0.01μF | 10% | 50V | C6605 | 1-112-744-61 | MYLAR | 1μF | 10% | 450V |
| C6303 | 1-100-912-11 | CERAMIC CHIP | 1μF | 10% | 25V | C6606 | 1-112-744-61 | MYLAR | 1μF | 10% | 450V |
| C6304 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V | C6607 | 1-114-868-11 | CERAMIC CHIP | 0.1μF | 10% | 50V |
| C6311 | 1-114-868-11 | CERAMIC CHIP | 0.1μF | 10% | 50V | C6608 | 1-114-868-11 | CERAMIC CHIP | 0.1μF | 10% | 50V |
| C6317 | 1-100-831-91 | CERAMIC CHIP | 0.001μF | 2% | 50V | C6701 | 1-107-882-91 | ELECT | 100μF | 20% | 16V |
| C6400 | 1-114-323-11 | CERAMIC CHIP | 0.01μF | 10% | 50V | C6703 | 1-162-927-11 | CERAMIC CHIP | 100pF | 5% | 50V |
| C6402 | 1-114-323-11 | CERAMIC CHIP | 0.01μF | 10% | 50V | C6704 | 1-162-927-11 | CERAMIC CHIP | 100pF | 5% | 50V |
| C6407 | 1-100-912-11 | CERAMIC CHIP | 1μF | 10% | 25V | C6707 | 1-114-323-11 | CERAMIC CHIP | 0.01μF | 10% | 50V |
| C6408 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V | C6708 | 1-114-323-11 | CERAMIC CHIP | 0.01μF | 10% | 50V |
| C6409 | 1-100-831-91 | CERAMIC CHIP | 0.001μF | 2% | 50V | C6710 | 1-114-339-91 | CERAMIC CHIP | 3300pF | 5% | 50V |
| C6410 | 1-114-323-11 | CERAMIC CHIP | 0.01μF | 10% | 50V | C6712 | 1-114-339-91 | CERAMIC CHIP | 3300pF | 5% | 50V |
| C6504 | 1-100-831-91 | CERAMIC CHIP | 0.001μF | 2% | 50V | C6713 | 1-114-339-91 | CERAMIC CHIP | 3300pF | 5% | 50V |
| C6507 | 1-107-906-11 | ELECT | 10μF | 20% | 50V | C6714 | 1-114-339-91 | CERAMIC CHIP | 3300pF | 5% | 50V |
| C6508 | 1-114-322-11 | CERAMIC CHIP | 0.0047μF | 10% | 50V | C6715 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| C6509 | 1-114-322-11 | CERAMIC CHIP | 0.0047μF | 10% | 50V | C6716 | 1-112-064-11 | CERAMIC CHIP | 2.2μF | 10% | 10V |
| C6513 | 1-114-326-11 | CERAMIC CHIP | 0.22μF | 10% | 25V | C6718 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| C6518 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V | C6720 | 1-127-804-91 | CERAMIC CHIP | 100pF | 1% | 50V |
| C6519 | 1-107-908-11 | ELECT | 33μF | 20% | 50V | C6721 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| | | | | | | C6722 | 1-112-781-11 | CERAMIC CHIP | 1μF | 10% | 10V |
| | | | | | | C6723 | 1-114-325-11 | CERAMIC CHIP | 0.1μF | 10% | 25V |
| | | | | | | C6724 | 1-114-323-11 | CERAMIC CHIP | 0.01μF | 10% | 50V |

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

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

| REF. NO. | PART NO. | DESCRIPTION | VALUES | | | REF. NO. | PART NO. | DESCRIPTION | VALUES | | |
|------------------|--------------|--------------|--------------------------------|-----|------|---------------------|--------------|-------------|-----------------|------|--|
| C6725 | 1-164-230-11 | CERAMIC CHIP | 220pF | 5% | 50V | D6201 | 6-502-380-01 | DIODE | AB01BV1 | | |
| C6726 | 1-164-315-11 | CERAMIC CHIP | 470pF | 5% | 50V | D6203 | 6-500-567-31 | DIODE | 10ERB20-TB3 | | |
| C6727 | 1-114-323-11 | CERAMIC CHIP | 0.01 μ F | 10% | 50V | D6204 | 6-500-567-31 | DIODE | 10ERB20-TB3 | | |
| C6728 | 1-114-323-11 | CERAMIC CHIP | 0.01 μ F | 10% | 50V | D6250 | 6-501-526-01 | DIODE | D1NS6-TR2 | | |
| C6729 | 1-100-912-11 | CERAMIC CHIP | 1 μ F | 10% | 25V | D6302 | 6-501-737-01 | DIODE | MAZ8062GLLS0 | | |
| C6730 | 1-162-927-11 | CERAMIC CHIP | 100pF | 5% | 50V | D6305 | 6-502-318-01 | DIODE | MA4J1130GLS0 | | |
| C6731 | 1-114-331-11 | CERAMIC CHIP | 4.7 μ F | 10% | 10V | D6400 | 6-501-774-01 | DIODE | MAZ8150G0LS0 | | |
| C6732 | 1-107-882-91 | ELECT | 100 μ F | 20% | 16V | D6500 | 6-502-378-01 | DIODE | MA22F2000LS0 | | |
| C6733 | 1-100-912-11 | CERAMIC CHIP | 1 μ F | 10% | 25V | D6501 | 6-502-378-01 | DIODE | MA22F2000LS0 | | |
| C6734 | 1-100-909-11 | CERAMIC CHIP | 10 μ F | 10% | 6.3V | D6503 | 6-501-817-01 | DIODE | MA2J1110GLS0 | | |
| C6737 | 1-114-868-11 | CERAMIC CHIP | 0.1 μ F | 10% | 50V | D6504 | 6-501-817-01 | DIODE | MA2J1110GLS0 | | |
| C6740 | 1-114-325-11 | CERAMIC CHIP | 0.1 μ F | 10% | 25V | D6508 | 6-501-732-01 | DIODE | MAZ8056G0LS0 | | |
| C6741 | 1-114-325-11 | CERAMIC CHIP | 0.1 μ F | 10% | 25V | D6555 | 6-501-848-01 | DIODE | S3K60 | | |
| C6742 | 1-107-882-91 | ELECT | 100 μ F | 20% | 16V | D6556 | 6-501-848-01 | DIODE | S3K60 | | |
| C6743 | 1-114-325-11 | CERAMIC CHIP | 0.1 μ F | 10% | 25V | D6600 | 8-719-083-57 | DIODE | UDZSUSTE-173.6B | | |
| C6744 | 1-100-831-91 | CERAMIC CHIP | 0.001 μ F | 2% | 50V | D6601 | 8-719-083-57 | DIODE | UDZSUSTE-173.6B | | |
| C6745 | 1-112-781-11 | CERAMIC CHIP | 1 μ F | 10% | 10V | D6602 | 6-501-818-01 | DIODE | MA2J1130GLS0 | | |
| C6746 | 1-114-325-11 | CERAMIC CHIP | 0.1 μ F | 10% | 25V | D6603 | 6-501-818-01 | DIODE | MA2J1130GLS0 | | |
| C6747 | 1-100-831-91 | CERAMIC CHIP | 0.001 μ F | 2% | 50V | D6606 | 6-502-376-01 | DIODE | FSF03B60 | | |
| C6748 | 1-114-323-11 | CERAMIC CHIP | 0.01 μ F | 10% | 50V | D6607 | 6-502-376-01 | DIODE | FSF03B60 | | |
| C6749 | 1-114-325-11 | CERAMIC CHIP | 0.1 μ F | 10% | 25V | D6608 | 6-501-848-01 | DIODE | S3K60 | | |
| C6750 | 1-100-831-91 | CERAMIC CHIP | 0.001 μ F | 2% | 50V | D6609 | 6-501-848-01 | DIODE | S3K60 | | |
| C6751 | 1-114-325-11 | CERAMIC CHIP | 0.1 μ F | 10% | 25V | D6702 | 6-502-318-01 | DIODE | MA4J1130GLS0 | | |
| C6752 | 1-114-325-11 | CERAMIC CHIP | 0.1 μ F | 10% | 25V | D6703 | 6-502-318-01 | DIODE | MA4J1130GLS0 | | |
| C6753 | 1-114-325-11 | CERAMIC CHIP | 0.1 μ F | 10% | 25V | D6704 | 6-501-724-01 | DIODE | MAZ8047G0LS0 | | |
| C6754 | 1-114-325-11 | CERAMIC CHIP | 0.1 μ F | 10% | 25V | D6705 | 6-501-724-01 | DIODE | MAZ8047G0LS0 | | |
| C6760 | 1-114-329-11 | CERAMIC CHIP | 0.47 μ F | 10% | 50V | D6706 | 6-502-318-01 | DIODE | MA4J1130GLS0 | | |
| CONNECTOR | | | | | | D6707 | 6-501-740-01 | DIODE | MAZ8068G0LS0 | | |
| * | CN6000 | 1-793-660-11 | PIN, CONNECTOR (PC BOARD) | | 3P | D6708 | 6-501-740-01 | DIODE | MAZ8068G0LS0 | | |
| * | CN6150 | 1-793-235-11 | PIN, CONNECTOR (PC BOARD) | | 13P | D6709 | 6-501-817-01 | DIODE | MA2J1110GLS0 | | |
| * | CN6151 | 1-779-944-21 | PIN, CONNECTOR (PC BOARD) | | 4P | D6710 | 6-501-817-01 | DIODE | MA2J1110GLS0 | | |
| | CN6154 | 1-785-702-21 | PIN, CONNECTOR (PC BOARD) | | 5P | D6711 | 6-501-817-01 | DIODE | MA2J1110GLS0 | | |
| | CN6700 | 1-821-935-11 | HEADER ASSEMBLY FOR PWB, MDF61 | | | D6712 | 6-501-817-01 | DIODE | MA2J1110GLS0 | | |
| * | CN6701 | 1-785-704-21 | PIN, CONNECTOR (PC BOARD) | | 7P | FUSE | | | | | |
| DIODE | | | | | | \triangle F6001 | 1-523-043-51 | FUSE | 6.3MA | 250V | |
| D6000 | 8-719-026-63 | DIODE | D10XB60S | | | FERRITE BEAD | | | | | |
| D6001 | 6-501-817-01 | DIODE | MA2J1110GLS0 | | | FB6100 | 1-412-911-11 | FERRITE | 0 μ H | | |
| D6003 | 6-502-318-01 | DIODE | MA4J1130GLS0 | | | FB6101 | 1-412-911-11 | FERRITE | 0 μ H | | |
| D6103 | 8-719-979-64 | DIODE | UF4005/23 | | | FB6500 | 1-412-911-11 | FERRITE | 0 μ H | | |
| D6104 | 8-719-081-67 | DIODE | M1FM3 | | | FB6502 | 1-481-544-11 | FERRITE | 0 μ H | | |
| | | | | | | FB6503 | 1-481-544-11 | FERRITE | 0 μ H | | |

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 | | |
|-------------------|--------------|-------------|--------------------|-------|-------|-------------------|--------------|-------------|--------|-------|-------|
| Q6600 | 8-729-804-41 | TRANSISTOR | 2SB1122-S | | | R6158 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/10W |
| Q6601 | 8-729-804-41 | TRANSISTOR | 2SB1122-S | | | R6159 | 1-216-793-11 | METAL CHIP | 4.7 | 5% | 1/10W |
| \triangle Q6602 | 6-551-713-01 | TRANSISTOR | 2SK3569(LBS1SONY.Q | | | R6200 | 1-246-188-51 | FUSIBLE | 10 | 5% | 1/2W |
| \triangle Q6603 | 6-551-713-01 | TRANSISTOR | 2SK3569(LBS1SONY.Q | | | R6201 | 1-218-865-11 | METAL CHIP | 5.6K | 0.50% | 1/10W |
| Q6702 | 6-551-714-01 | TRANSISTOR | INK0001AC1-T112A-1 | | | R6202 | 1-243-725-71 | METAL OXIDE | 100K | 5% | 1W |
| Q6703 | 6-551-714-01 | TRANSISTOR | INK0001AC1-T112A-1 | | | R6203 | 1-249-385-11 | CARBON | 2.2 | 5% | 1/4W |
| Q6704 | 8-729-620-07 | TRANSISTOR | 2SC3052EF-T1-LEF | | | R6250 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| Q6705 | 6-551-696-01 | TRANSISTOR | ISA1235AC1TP-1EF | | | R6251 | 1-216-827-11 | METAL CHIP | 3.3K | 5% | 1/10W |
| Q6706 | 6-551-696-01 | TRANSISTOR | ISA1235AC1TP-1EF | | | R6252 | 1-216-805-11 | METAL CHIP | 47 | 5% | 1/10W |
| Q6708 | 8-729-820-90 | TRANSISTOR | 2SD1621-ST | | | R6253 | 1-218-887-11 | METAL CHIP | 47K | 0.50% | 1/10W |
| Q6709 | 8-729-804-41 | TRANSISTOR | 2SB1122-S | | | R6254 | 1-218-871-11 | METAL CHIP | 10K | 0.50% | 1/10W |
| Q6710 | 8-729-820-90 | TRANSISTOR | 2SD1621-ST | | | R6255 | 1-218-867-11 | METAL CHIP | 6.8K | 0.50% | 1/10W |
| Q6711 | 8-729-804-41 | TRANSISTOR | 2SB1122-S | | | R6300 | 1-216-857-11 | METAL CHIP | 1M | 5% | 1/10W |
| RESISTOR | | | | | | R6301 | 1-218-905-11 | METAL CHIP | 270K | 0.50% | 1/10W |
| R6009 | 1-218-892-11 | METAL CHIP | 75K | 0.50% | 1/10W | R6302 | 1-216-857-11 | METAL CHIP | 1M | 5% | 1/10W |
| R6011 | 1-216-857-11 | METAL CHIP | 1M | 5% | 1/10W | R6303 | 1-218-891-11 | METAL CHIP | 68K | 0.50% | 1/10W |
| R6014 | 1-208-846-11 | METAL CHIP | 470K | 0.50% | 1/10W | R6306 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W |
| R6015 | 1-246-389-11 | METAL CHIP | 560K | 0.50% | 1/4W | R6307 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W |
| \triangle R6016 | 1-246-385-11 | WIREWOUND | 6.8 | 5% | 8/5W | R6308 | 1-218-867-11 | METAL CHIP | 6.8K | 0.50% | 1/10W |
| R6017 | 1-208-830-11 | METAL CHIP | 100K | 0.50% | 1/10W | R6309 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6018 | 1-208-846-11 | METAL CHIP | 470K | 0.50% | 1/10W | R6310 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W |
| R6019 | 1-246-389-11 | METAL CHIP | 560K | 0.50% | 1/4W | R6311 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/10W |
| R6100 | 1-218-899-11 | METAL CHIP | 150K | 0.50% | 1/16W | R6312 | 1-218-891-11 | METAL CHIP | 68K | 0.50% | 1/10W |
| R6102 | 1-218-823-11 | METAL CHIP | 100 | 0.50% | 1/10W | R6313 | 1-218-913-91 | METAL CHIP | 560K | 0.50% | 1/10W |
| R6103 | 1-218-873-11 | METAL CHIP | 12K | 0.50% | 1/10W | R6314 | 1-218-891-11 | METAL CHIP | 68K | 0.50% | 1/10W |
| R6109 | 1-208-828-11 | METAL CHIP | 82K | 0.50% | 1/10W | R6318 | 1-218-867-11 | METAL CHIP | 6.8K | 0.50% | 1/10W |
| R6111 | 1-218-903-11 | METAL CHIP | 220K | 0.50% | 1/10W | R6329 | 1-249-385-11 | CARBON | 2.2 | 5% | 1/4W |
| R6114 | 1-211-981-11 | METAL CHIP | 33 | 0.50% | 1/10W | R6333 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R6115 | 1-216-021-00 | METAL CHIP | 68 | 5% | 1/10W | R6335 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R6116 | 1-216-021-00 | METAL CHIP | 68 | 5% | 1/10W | R6336 | 1-216-793-11 | METAL CHIP | 4.7 | 5% | 1/10W |
| R6117 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | R6338 | 1-216-864-11 | SHORT CHIP | | | |
| R6118 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | R6403 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R6120 | 1-216-361-00 | METAL OXIDE | 0.22 | 5% | 2W | R6404 | 1-216-864-11 | SHORT CHIP | | | |
| R6121 | 1-218-855-11 | METAL CHIP | 2.2K | 0.50% | 1/10W | R6405 | 1-216-839-11 | METAL CHIP | 33K | 5% | 1/10W |
| R6122 | 1-216-361-00 | METAL OXIDE | 0.22 | 5% | 2W | R6406 | 1-216-817-11 | METAL CHIP | 470 | 5% | 1/10W |
| R6124 | 1-218-827-11 | METAL CHIP | 150 | 0.50% | 1/10W | R6407 | 1-216-839-11 | METAL CHIP | 33K | 5% | 1/10W |
| R6150 | 1-216-819-11 | METAL CHIP | 680 | 5% | 1/10W | R6410 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6151 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W | R6414 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R6152 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W | R6418 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R6153 | 1-216-864-11 | SHORT CHIP | | | | R6421 | 1-216-821-11 | METAL CHIP | 1K | 5% | 1/10W |
| R6154 | 1-218-877-11 | METAL CHIP | 18K | 0.50% | 1/10W | R6422 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W |
| R6155 | 1-218-823-11 | METAL CHIP | 100 | 0.50% | 1/10W | R6424 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6156 | 1-218-863-11 | METAL CHIP | 4.7K | 0.50% | 1/10W | R6428 | 1-216-864-11 | SHORT CHIP | | | |
| R6157 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/10W | \triangle R6500 | 1-220-926-81 | FUSIBLE | 0.47 | 10% | 1/2W |
| | | | | | | R6501 | 1-218-831-11 | METAL CHIP | 220 | 0.50% | 1/10W |

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| REF. NO. | PART NO. | DESCRIPTION | VALUES | | | REF. NO. | PART NO. | DESCRIPTION | VALUES | | |
|----------|--------------|-------------|--------|-------|-------|-------------------|--------------|-------------|--------|-------|-------|
| R6502 | 1-218-831-11 | METAL CHIP | 220 | 0.50% | 1/10W | R6607 | 1-216-049-11 | METAL CHIP | 1K | 5% | 1/10W |
| R6503 | 1-208-814-91 | METAL CHIP | 22K | 0.50% | 1/10W | R6608 | 1-216-049-11 | METAL CHIP | 1K | 5% | 1/10W |
| R6504 | 1-218-839-11 | METAL CHIP | 470 | 0.50% | 1/10W | R6609 | 1-216-049-11 | METAL CHIP | 1K | 5% | 1/10W |
| R6505 | 1-218-839-11 | METAL CHIP | 470 | 0.50% | 1/10W | R6611 | 1-216-793-11 | METAL CHIP | 4.7 | 5% | 1/10W |
| R6507 | 1-245-118-91 | METAL CHIP | 2.2M | 0.50% | 1/10W | R6613 | 1-216-793-11 | METAL CHIP | 4.7 | 5% | 1/10W |
| R6508 | 1-208-814-91 | METAL CHIP | 22K | 0.50% | 1/10W | R6614 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6510 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W | R6615 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6521 | 1-208-854-11 | METAL CHIP | 1M | 0.50% | 1/10W | R6616 | 1-216-857-11 | METAL CHIP | 1M | 5% | 1/10W |
| R6522 | 1-208-854-11 | METAL CHIP | 1M | 0.50% | 1/10W | R6617 | 1-216-857-11 | METAL CHIP | 1M | 5% | 1/10W |
| R6523 | 1-208-846-11 | METAL CHIP | 470K | 0.50% | 1/10W | \triangle R6700 | 1-216-793-11 | METAL CHIP | 4.7 | 5% | 1/10W |
| R6524 | 1-218-891-11 | METAL CHIP | 68K | 0.50% | 1/10W | R6703 | 1-216-793-11 | METAL CHIP | 4.7 | 5% | 1/10W |
| R6525 | 1-218-883-11 | METAL CHIP | 33K | 0.50% | 1/10W | R6704 | 1-216-793-11 | METAL CHIP | 4.7 | 5% | 1/10W |
| R6526 | 1-208-854-11 | METAL CHIP | 1M | 0.50% | 1/10W | R6705 | 1-216-864-11 | SHORT CHIP | | | |
| R6527 | 1-218-907-11 | METAL CHIP | 330K | 0.50% | 1/10W | R6706 | 1-216-864-11 | SHORT CHIP | | | |
| R6528 | 1-218-907-11 | METAL CHIP | 330K | 0.50% | 1/10W | R6707 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6529 | 1-216-809-11 | METAL CHIP | 100 | 5% | 1/10W | R6708 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6531 | 1-246-388-11 | METAL | 0.1 | 5% | 5W | R6709 | 1-218-895-11 | METAL CHIP | 100K | 0.50% | 1/10W |
| R6533 | 1-246-388-11 | METAL | 0.1 | 5% | 5W | R6710 | 1-218-915-11 | METAL CHIP | 680K | 0.50% | 1/10W |
| R6534 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | R6711 | 1-216-864-11 | SHORT CHIP | | | |
| R6541 | 1-208-820-11 | METAL CHIP | 39K | 0.50% | 1/10W | R6712 | 1-218-863-11 | METAL CHIP | 4.7K | 0.50% | 1/10W |
| R6542 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W | R6713 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |
| R6544 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W | R6714 | 1-218-883-11 | METAL CHIP | 33K | 0.50% | 1/10W |
| R6545 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W | R6716 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W |
| R6546 | 1-216-837-11 | METAL CHIP | 22K | 5% | 1/10W | R6719 | 1-218-879-11 | METAL CHIP | 22K | 0.50% | 1/10W |
| R6547 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | R6720 | 1-218-851-11 | METAL CHIP | 1.5K | 0.50% | 1/10W |
| R6548 | 1-216-845-11 | METAL CHIP | 100K | 5% | 1/10W | R6721 | 1-218-861-11 | METAL CHIP | 3.9K | 0.50% | 1/10W |
| R6561 | 1-208-814-91 | METAL CHIP | 22K | 0.50% | 1/10W | R6722 | 1-218-885-11 | METAL CHIP | 39K | 0.50% | 1/10W |
| R6564 | 1-215-882-00 | METAL OXIDE | 22 | 5% | 2W | R6724 | 1-218-847-11 | METAL CHIP | 1K | 0.50% | 1/10W |
| R6565 | 1-215-882-00 | METAL OXIDE | 22 | 5% | 2W | R6726 | 1-211-981-11 | METAL CHIP | 33 | 0.50% | 1/10W |
| R6568 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | R6727 | 1-211-983-11 | METAL CHIP | 39 | 0.50% | 1/10W |
| R6569 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | R6728 | 1-211-983-11 | METAL CHIP | 39 | 0.50% | 1/10W |
| R6571 | 1-208-814-91 | METAL CHIP | 22K | 0.50% | 1/10W | R6729 | 1-211-983-11 | METAL CHIP | 39 | 0.50% | 1/10W |
| R6572 | 1-216-603-11 | METAL CHIP | 10 | 0.50% | 1/10W | R6732 | 1-211-983-11 | METAL CHIP | 39 | 0.50% | 1/10W |
| R6573 | 1-216-603-11 | METAL CHIP | 10 | 0.50% | 1/10W | R6733 | 1-211-983-11 | METAL CHIP | 39 | 0.50% | 1/10W |
| R6574 | 1-208-750-11 | METAL CHIP | 47 | 0.50% | 1/10W | R6734 | 1-211-983-11 | METAL CHIP | 39 | 0.50% | 1/10W |
| R6575 | 1-208-750-11 | METAL CHIP | 47 | 0.50% | 1/10W | R6735 | 1-216-834-11 | METAL CHIP | 12K | 5% | 1/10W |
| R6576 | 1-243-550-71 | METAL OXIDE | 6.8 | 5% | 2W | R6736 | 1-216-834-11 | METAL CHIP | 12K | 5% | 1/10W |
| R6577 | 1-243-550-71 | METAL OXIDE | 6.8 | 5% | 2W | R6737 | 1-218-863-11 | METAL CHIP | 4.7K | 0.50% | 1/10W |
| R6581 | 1-218-892-11 | METAL CHIP | 75K | 0.50% | 1/10W | R6739 | 1-218-847-11 | METAL CHIP | 1K | 0.50% | 1/10W |
| R6583 | 1-218-871-11 | METAL CHIP | 10K | 0.50% | 1/10W | R6741 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W |
| R6584 | 1-218-871-11 | METAL CHIP | 10K | 0.50% | 1/10W | R6742 | 1-218-859-11 | METAL CHIP | 3.3K | 0.50% | 1/10W |
| R6585 | 1-218-879-11 | METAL CHIP | 22K | 0.50% | 1/10W | R6743 | 1-218-859-11 | METAL CHIP | 3.3K | 0.50% | 1/10W |
| R6602 | 1-216-021-00 | METAL CHIP | 68 | 5% | 1/10W | R6744 | 1-218-871-11 | METAL CHIP | 10K | 0.50% | 1/10W |
| R6605 | 1-216-021-00 | METAL CHIP | 68 | 5% | 1/10W | R6745 | 1-218-871-11 | METAL CHIP | 10K | 0.50% | 1/10W |
| R6606 | 1-216-049-11 | METAL CHIP | 1K | 5% | 1/10W | R6746 | 1-249-417-11 | CARBON | 1K | 5% | 1/4W |


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.



| REF. NO. | PART NO. | DESCRIPTION | VALUES | | | REF. NO. | PART NO. | DESCRIPTION | VALUES | | |
|--|--------------|--------------------------------|--------|-------|-------|----------|----------|-------------|--------|--|--|
| R6747 | 1-216-829-11 | METAL CHIP | 4.7K | 5% | 1/10W | | | | | | |
| R6748 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | | | | | | |
| R6749 | 1-218-905-11 | METAL CHIP | 270K | 0.50% | 1/10W | | | | | | |
| R6750 | 1-218-883-11 | METAL CHIP | 33K | 0.50% | 1/10W | | | | | | |
| R6751 | 1-218-895-11 | METAL CHIP | 100K | 0.50% | 1/10W | | | | | | |
| R6752 | 1-218-911-11 | METAL CHIP | 470K | 0.50% | 1/10W | | | | | | |
| R6753 | 1-218-847-11 | METAL CHIP | 1K | 0.50% | 1/10W | | | | | | |
| R6754 | 1-216-833-11 | METAL CHIP | 10K | 5% | 1/10W | | | | | | |
| R6755 | 1-216-846-11 | METAL CHIP | 120K | 5% | 1/10W | | | | | | |
| R6756 | 1-218-895-11 | METAL CHIP | 100K | 0.50% | 1/10W | | | | | | |
| R6757 | 1-218-871-11 | METAL CHIP | 10K | 0.50% | 1/10W | | | | | | |
| R6758 | 1-216-841-11 | METAL CHIP | 47K | 5% | 1/10W | | | | | | |
| R6759 | 1-218-847-11 | METAL CHIP | 1K | 0.50% | 1/10W | | | | | | |
| R6760 | 1-218-895-11 | METAL CHIP | 100K | 0.50% | 1/10W | | | | | | |
| R6761 | 1-218-871-11 | METAL CHIP | 10K | 0.50% | 1/10W | | | | | | |
| R6762 | 1-218-887-11 | METAL CHIP | 47K | 0.50% | 1/10W | | | | | | |
| R6763 | 1-218-871-11 | METAL CHIP | 10K | 0.50% | 1/10W | | | | | | |
| R6764 | 1-216-825-11 | METAL CHIP | 2.2K | 5% | 1/10W | | | | | | |
| R6765 | 1-216-793-11 | METAL CHIP | 4.7 | 5% | 1/10W | | | | | | |
|  R6766 | 1-218-446-11 | METAL CHIP | 1 | 5% | 1/10W | | | | | | |
| R6768 | 1-216-814-11 | METAL CHIP | 270 | 5% | 1/10W | | | | | | |
| R6770 | 1-216-814-11 | METAL CHIP | 270 | 5% | 1/10W | | | | | | |
| <u>TRANSFORMER</u> | | | | | | | | | | | |
| T6200 | 1-445-430-11 | CONVERTER TRANSFORMER (SBT) | | | | | | | | | |
| T6801 | 8-597-083-00 | HV ISOLATING TRANS HIT-1306//M | | | | | | | | | |
| <u>THERMISTOR</u> | | | | | | | | | | | |
| TH6300 | 1-809-789-71 | THERMISTOR, POSITIVE | | | | | | | | | |
| <u>VARISTOR</u> | | | | | | | | | | | |
| VD6000 | 1-804-996-21 | VARISTOR | | | | | | | | | |

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

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

| REF. NO. | PART NO. | DESCRIPTION | VALUES | REF. NO. | PART NO. | DESCRIPTION | VALUES |
|---|--|--------------|---|---|---|---|--------|
| <u>ACCESSORIES AND PACKING</u> | | | | <u>MISCELLANEOUS</u> | | | |
|  |  | 1-835-326-11 | AC POWER CORD (WITH CONNECTOR) (CHILE/PERU ONLY) | | 4-138-237-01 | LVDS, HOLDER (KDL-40V5100/46V5100 ONLY) | |
|  |  | 1-835-923-11 | AC POWER CORD (WITH CONNECTOR) (KDL-32XBR9/40V5100 US/CND/MX/LATIN ONLY) |  | X-2342-671-2 | SCREW BAG ASSY Contains the 3 items listed below: | |
|  |  | 1-836-677-11 | AC POWER CORD (WITH CONNECTOR) (KDL-46V5100 ONLY US/CND/MX/LATIN ONLY) | | 4-127-151-02 | INSTRUCTION, STAND | |
| * | | 3-290-795-11 | BAG, PROTECTION (32) (KDL-32XBR9 ONLY) | | 4-135-806-01 | BAG, SCREW | |
| * | | 3-290-788-11 | BAG, PROTECTION (40) (KDL-40V5100 ONLY) | | 2-580-607-01 | SCREW, +PSW M5X12 (SCREWS TO ATTACH TABLE-TOP STAND TO LCD TV) | |
| * | | 4-129-944-11 | BAG, PROTECTION (KDL-46V5100 ONLY) | | For product protection and safety reasons, Sony strongly recommends that you use the screws provided with the TV. CAUTION: These screws cannot be used to secure the TV to Wall Mount Brackets. | | |
| * | | 3-287-548-11 | BAG, PROTECTION (STAND) (KDL-32XBR9/40V5100 ONLY) |  | X-2348-141-2 | SUPPORT BELT KIT (KDL-32XBR9 ONLY) | |
| * | | 4-117-034-01 | BAG, PROTECTION (STAND) (KDL-46V5100 ONLY) | | Contains the 5 items listed below: | | |
| | | X-2345-142-1 | CARTON ASSY (32) (KDL-32XBR9 ONLY) | | 2-580-604-01 | SCREW, +PSW M4x20 | |
| | | X-2345-143-1 | CARTON ASSY (40) (KDL-40V5100 ONLY) | | 2-580-639-01 | SCREW, +BVTP 4x12 Type 2 IT-3; | |
| | | | | | 2-580-663-02 | SCREW, WOOD 3.8x20 | |
| | | | | | 4-124-351-01 | BRACKET, FALL LOCK | |
| | | | | | 4-133-849-02 | BELT, FALL LOCK | |
| * | | 4-122-350-01 | CUSHION, LOWER (32) (KDL-32XBR9 ONLY) |  | X-2348-140-2 | SUPPORT BELT KIT (KDL-40V5100/46V5100 ONLY) | |
| * | | 4-122-355-01 | CUSHION, LOWER (40) (KDL-40V5100 ONLY) | | Contains the 3 items listed below: | | |
| * | | 4-122-359-01 | CUSHION, LOWER (46) (KDL-46V5100 ONLY) | | 2-580-604-01 | SCREW, +PSW M4x20 | |
| | | | | | 2-580-663-02 | SCREW, WOOD 3.8x20 | |
| | | | | | 4-133-849-02 | BELT, FALL LOCK | |
| * | | 4-122-349-01 | CUSHION, UPPER (32) (KDL-32XBR9 ONLY) | | 7-632-452-24 | TAPE (NO.303) 18MMX35M YEL | |
| * | | 4-122-354-01 | CUSHION, UPPER (40) (KDL-40V5100 ONLY) | | 2-688-010-01 | TAPE, SHIELD | |
| * | | 4-122-358-01 | CUSHION, UPPER (46) (KDL-46V5100 ONLY) | | 1-910-055-60 | WIRE ASSY, LUG TERMINAL (KDL-32XBR9 ONLY) | |
| | | 3-299-071-01 | FLYER, SAFETY | | <u>REMOTE COMMANDER</u> | | |
| | | 4-132-232-11 | GUIDE, QUICK SETUP (ENGLISH VERSION) | | 1-487-180-11 | REMOTE COMMANDER (RM-YD028) | |
| | | 4-132-232-21 | GUIDE, QUICK SETUP (FRENCH VERSION) | | 9-885-117-43 | BATTERY COVER (for RM-YD028) | |
| | | 4-132-232-31 | GUIDE, QUICK SETUP (SPANISH VERSION) | | | | |
| | | 4-132-231-11 | MANUAL, INSTRUCTION (ENGLISH VERSION) | | | | |
| | | 4-132-231-21 | MANUAL, INSTRUCTION (FRENCH VERSION) | | | | |
| | | 4-132-231-31 | MANUAL, INSTRUCTION (SPANISH VERSION) | | | | |
| * | | 4-118-490-51 | SHEET, PROTECTION | | | | |

Sony Corporation
Sony Technology Center
Technical Services
Service Promotion Department

9-883-812-05

KDL-32XBR9/40V5100/46V5100




English
2009BJ74WEB-1
Printed in USA
© 2009-02

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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.