

HISTORY INFORMATION FOR THE FOLLOWING MANUAL:

SERVICE MANUAL

EX2R CHASSIS

<u>MODEL NAME</u>	<u>REMOTE COMMANDER</u>	<u>DESTINATION</u>
KDL-32S5100	RM-YD028	US/CND
KDL-32S5100	RM-YD028	MX/LATIN AMERICA
KDL-40S5100	RM-YD028	US/CND
KDL-40S5100	RM-YD028	MX/LATIN AMERICA
KDL-46S5100	RM-YD028	US/CND
KDL-46S5100	RM-YD028	MX/LATIN AMERICA

ORIGINAL MANUAL ISSUE DATE: 2/2009

 :UPDATED ITEM

REVISION DATE	SUBJECT
2/2009	No revisions or updates are applicable at this time.
2/2009	Corrected model destination groupings. Replaced pages 1 and 2. Updated Specification Section. Replaced pages 4-12. Updated Disassembly Section. Replaced page 18. Updated Wire Dressing Diagrams. Replaced pages 20-47. Added Support Belt Kit P/N for KDL-32S5100. Repaced page 107.
4/2009	Updated Accessories and Packing. New AC Power Cords. Corrected part descriptions for Support Belt Kits and added contents. Added contents for Screw Bag Assy. Replaced page 107.
9/2009	Updated Exploded View Section to remove LCD Panel specific information. Replaced page 81. Corrected model reference for KDL-32S5100 AC Power Cord. Replaced page 107.

LCD DIGITAL COLOR TELEVISION

SONY®

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KDL-46S5100



RM-YD028

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SPECIFICATIONS

Power Requirements 120V AC, 60Hz

Power Consumption (W)

In Use (Max) 120W (KDL-32S5100 only)

200W (KDL-40S5100 only)

In Standby 245W (KDL-46S5100 only)

Less than 1 W

VIDEO (IN) 1/2:

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

Video

1 Vp-p, 75 ohms unbalanced, sync negative

Audio

500 mVrms (Typical)

Impedance: 47 kilohms

COMPONENT IN 1/2:

Y_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

HDMI IN 1/2/3:

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

AUDIO

500 mVrms (Typical)

Impedance: 47 kilohms

AUDIO OUT:

500 mVrms (Typical)

DIGITAL AUDIO OUT (OPTICAL):

PCM optical signal

PC IN:

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

PC AUDIO INPUT:

Stereo mini jack, 500 mVrms (Typical)

Impedance: 47 kilohms



Licensing Information

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Ferguson Patent Properties, LLC:


U.S. Patent No. 5,717,422

U.S. Patent No. 6,816,141

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	KDL-32S5100	KDL-40S5100	KDL-46S5100		
Speaker Output Speaker/Full Range (2)	10 W+ 10 W				
	mm in	35 X 175 1 ^{7/16} x 7			
Dimensions (W x H x D) with stand	mm	798 x 583 x 227 mm	987 x 683 x 271 mm	1,123 x 770 x 323 mm	
	in	31 ^{1/2} x 23 x 9 in	38 ^{7/8} x 27 x 10 ^{3/4} in	44 ^{1/4} x 30 ^{3/8} x 12 ^{3/4} in	
	without stand	mm	798 x 536 x 89 mm	987 x 636 x 93 mm	1,123 x 723 x 96 mm
		in	31 ^{1/2} x 21 ^{1/8} x 3 ^{5/8} in	38 ^{7/8} x 25 ^{1/8} x 3 ^{3/4} in	44 ^{1/4} x 29 ^{1/2} 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 lbs	13.1 kg	18.5 kg	25.5 kg	
		28.9 lbs	40.8 lbs	56.2 lbs	
	without stand	kg	11.9 kg	16.8 kg	22.6 kg
		lbs	26.3 lbs	37.1 lbs	49.8 lbs

All measurements are approximations.

Television system

NTSC American TV Standard
 ATSC (8VSB terrestrial) ATSC compliant 8VSB
 QAM on cable ANSI/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-32S5100 only)
 ~ 40" (KDL-40S5100 only)
 ~ 46" (KDL-46S5100 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

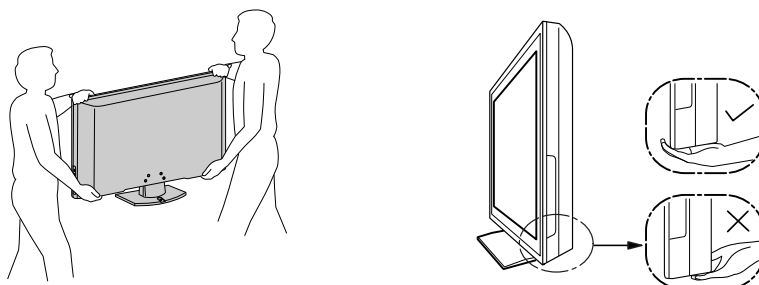
CAUTION

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

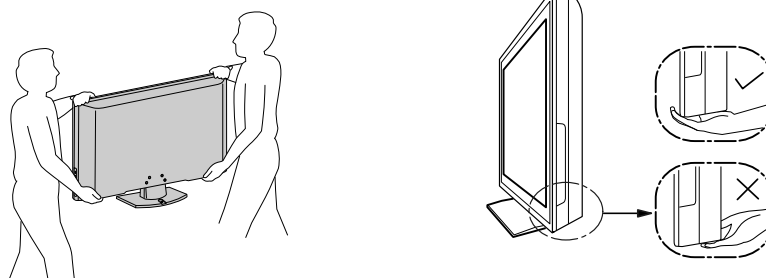
ATTENTION!!

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

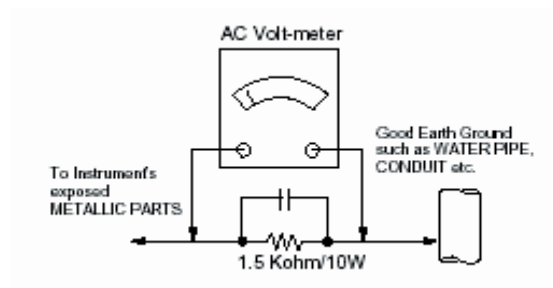
When repairing the LCD panel, be sure you are grounded by using a wrist band.

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:

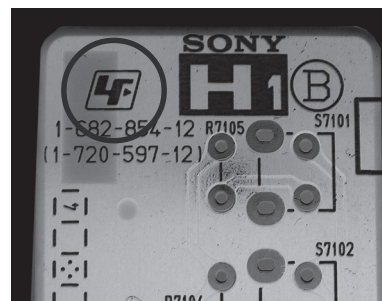
- do not press on the panel or frame edge to avoid the risk of electric shock.
- do not scratch or press on the panel with any sharp objects.
- do not leave the module in high temperatures or in areas of high humidity for an extended period of time.
- do not expose the LCD panel to direct sunlight.
-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

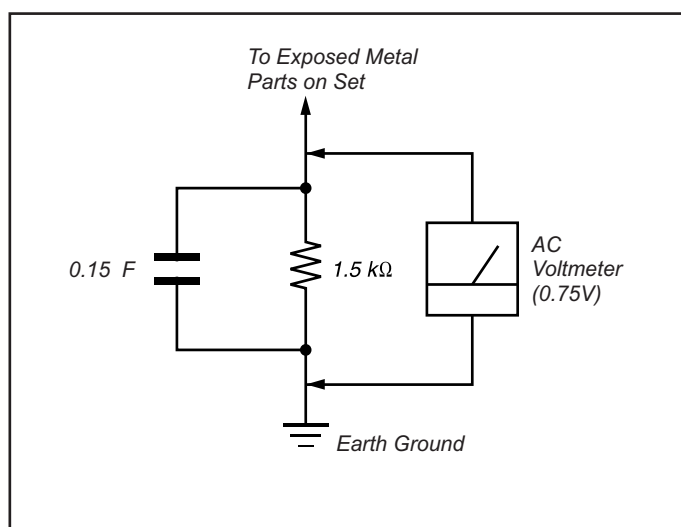


Figure A. Using an AC voltmeter to check AC leakage.

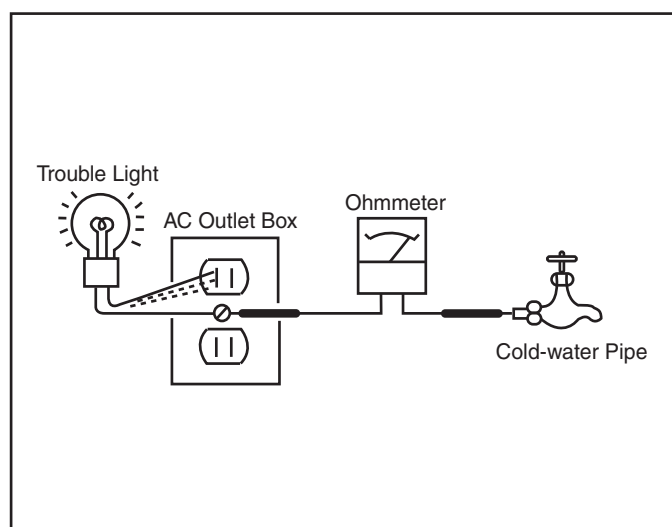


Figure B. Checking for earth ground.

SELF-DIAGNOSTIC FUNCTION

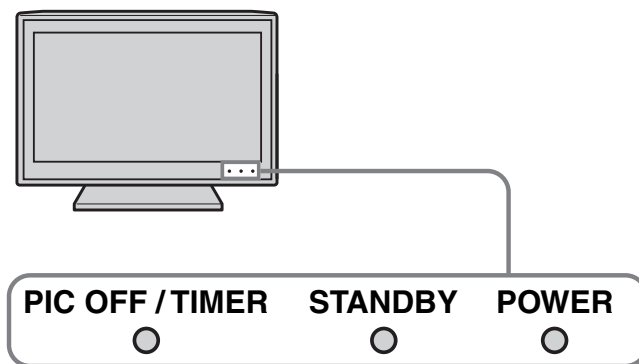


The units in this manual contain a self-diagnostic function. If an error occurs, the STANDBY LED indicator will automatically begin to flash. The number of times the LED flashes translates to a probable source of the problem. A definition of the STANDBY LED flash indicators is listed in the instruction 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

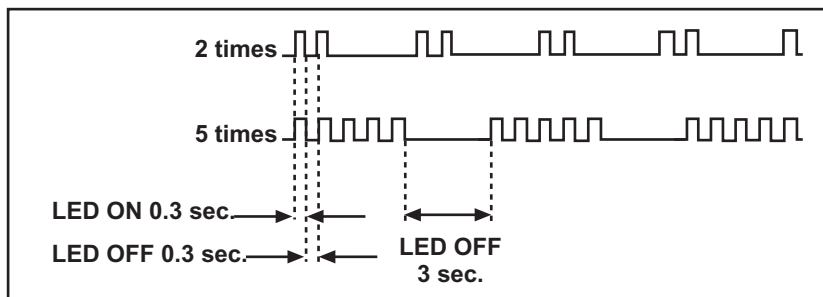
When an error occurs, the STANDBY LED indicator will flash a set number of times to indicate the possible cause of the problem. If there is more than one error, the indicator will identify the first of the problem areas.

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 TV is in PC standby mode. * If LED blinks continuously, this may indicate that the TV needs servicing.
PIC OFF/ TIMER LED	Green or Orange LED	* Lights up in green when Picture Off is activated. * Lights up in orange when the timer is set. When timer is set, this LED remains lit even when the TV is turned off.



LED Indicators

Diagnostic Item Description	Number of times STANDBY lamp flashes	Possible Location
Main Power	2 times	Power Supply Board G2BE Board (KDL-32S5100 ONLY) IP1 Board (KDL-40S5100 ONLY) IP2 Board (KDL-46S5100 ONLY)
DC Alert1	3 times	BM3 (Main) Board Power Supply Board G2BE Board (KDL-32S5100 ONLY) IP1 Board (KDL-40S5100 ONLY) IP2 Board (KDL-46S5100 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

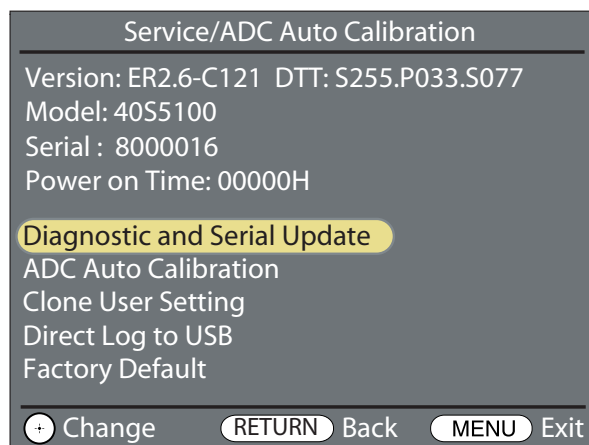
- TV must be in standby mode. (Power off).
- Press the following buttons on the Remote Commander within a second of each other:

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

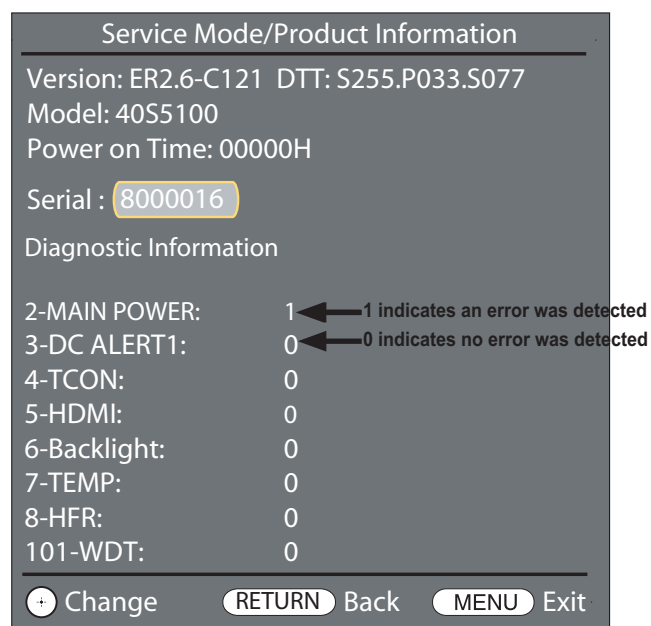
The Self Check list displays.

NOTE: This is the same as accessing Service Adjustments.

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



- To display the Self Diagnostic list, press [+].

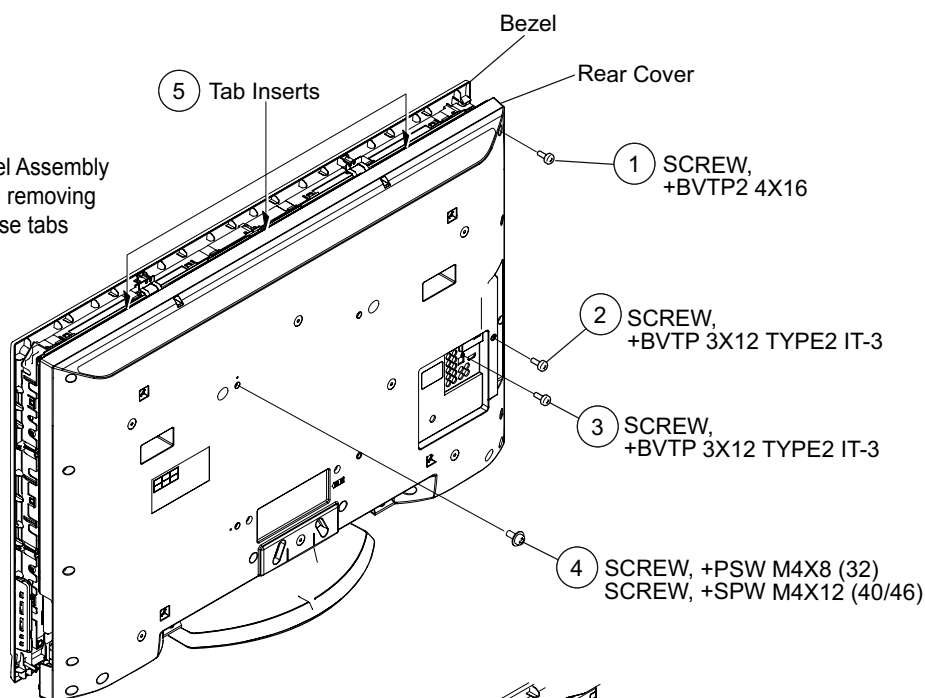


- To exit Service Mode, press [MENU].

SECTION 1: DISASSEMBLY

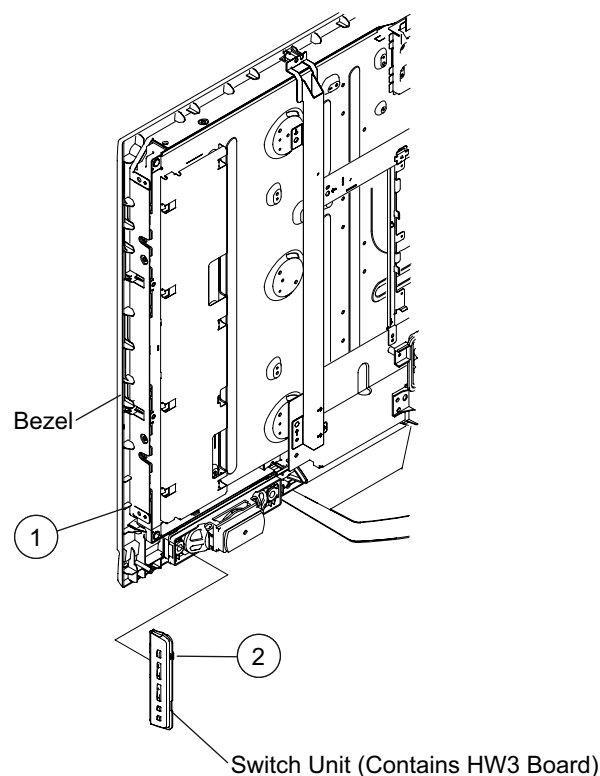
1-1. REAR COVER REMOVAL

- ① Remove 15 screws from Rear Cover
(KDL-32S5100 ONLY)
Remove 18 screws from Rear Cover
(KDL-40S5100 ONLY)
Remove 20 screws from Rear Cover
(KDL-46S5100 ONLY)
- ② Remove 1 screw from Side Jack position
- ③ Remove 1 screw from Terminal position
- ④ Remove 2 screws from Rear Cover
(KDL-32S5100 ONLY)
Remove 4 screws from Rear Cover
(KDL-40/46S5100 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



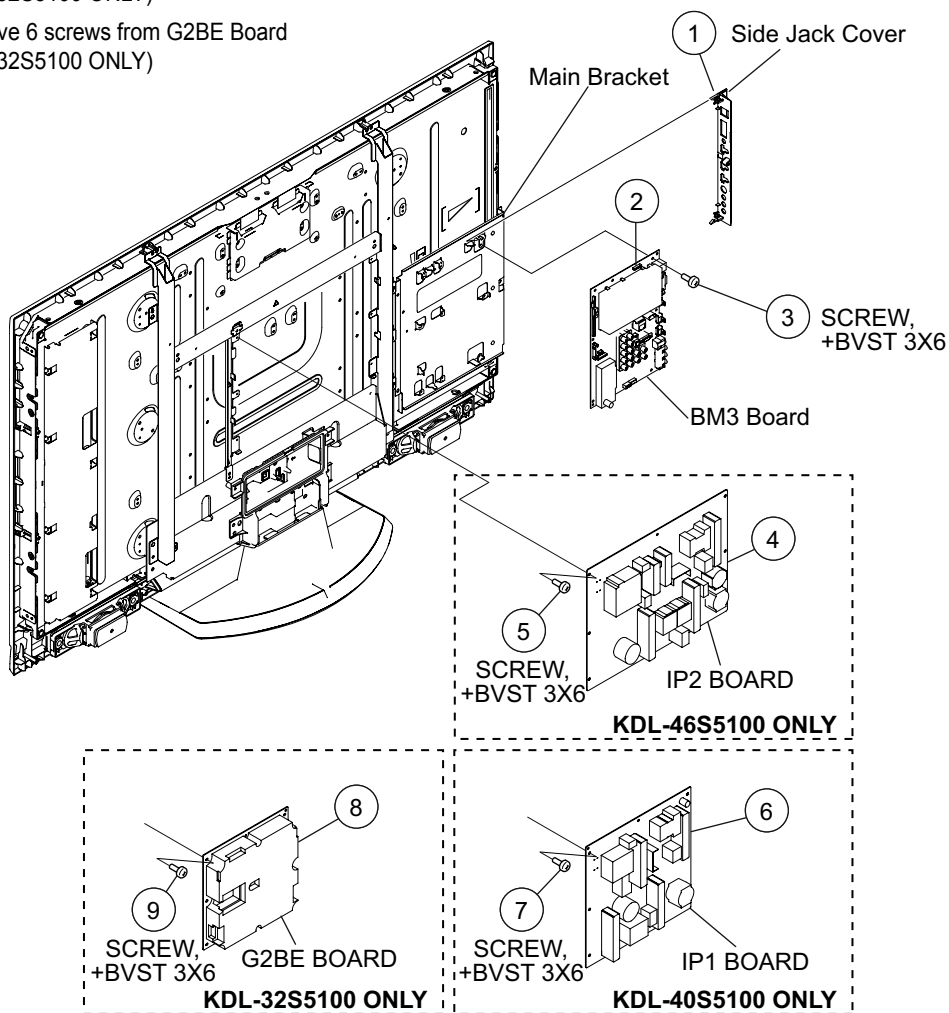
1-2. SWITCH UNIT REMOVAL

- ① Slide out Switch unit from Bezel
- ② Disconnect 1 connector from HW3 Board



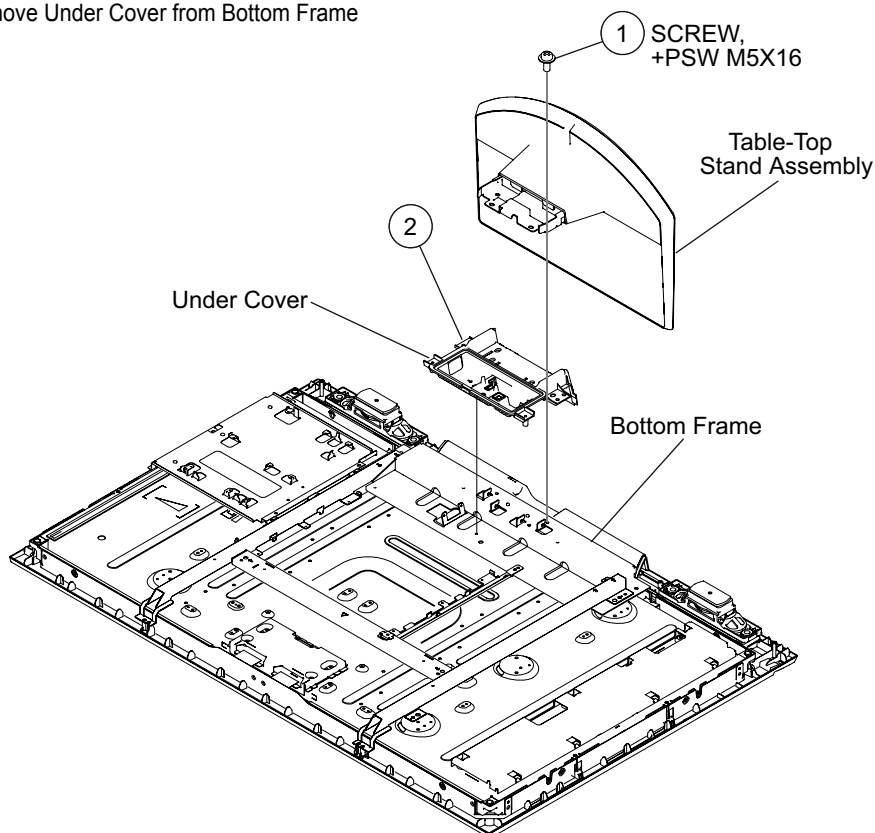
1-3. BM3 BOARD AND POWER BOARD REMOVAL

- 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-46S5100 ONLY)
- ⑤ Remove 6 screws from IP2 Board
(KDL-46S5100 ONLY)
- ⑥ Disconnect 5 connectors from IP1 Board
(KDL-40S5100 ONLY)
- ⑦ Remove 6 screws from IP1 Board
(KDL-40S5100 ONLY)
- ⑧ Disconnect 3 connectors from G2BE Board
(KDL-32S5100 ONLY)
- ⑨ Remove 6 screws from G2BE Board
(KDL-32S5100 ONLY)



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

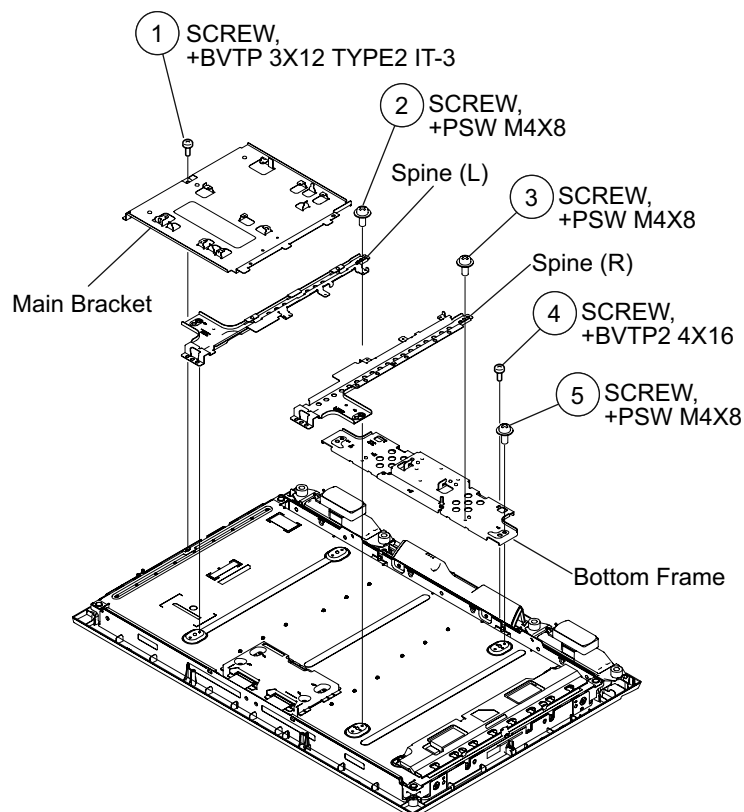
- ① Remove 4 screws from Table-Top Stand Assembly
- ② Remove Under Cover from Bottom Frame



1-5. STRUCTURAL PARTS REMOVAL

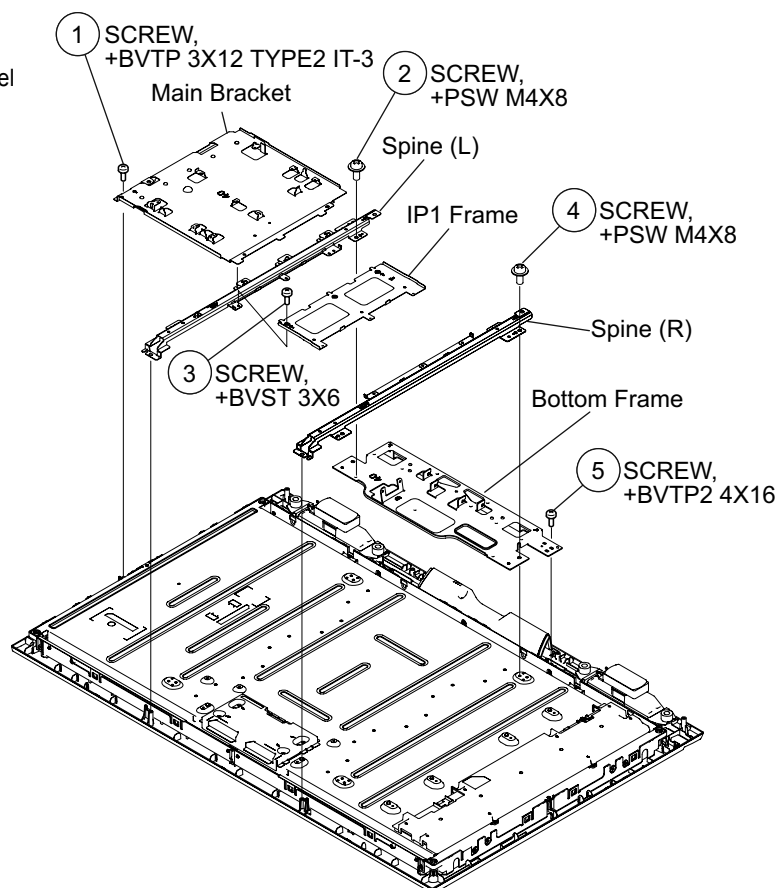
1-5-1. KDL-32S5100 ONLY

- 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

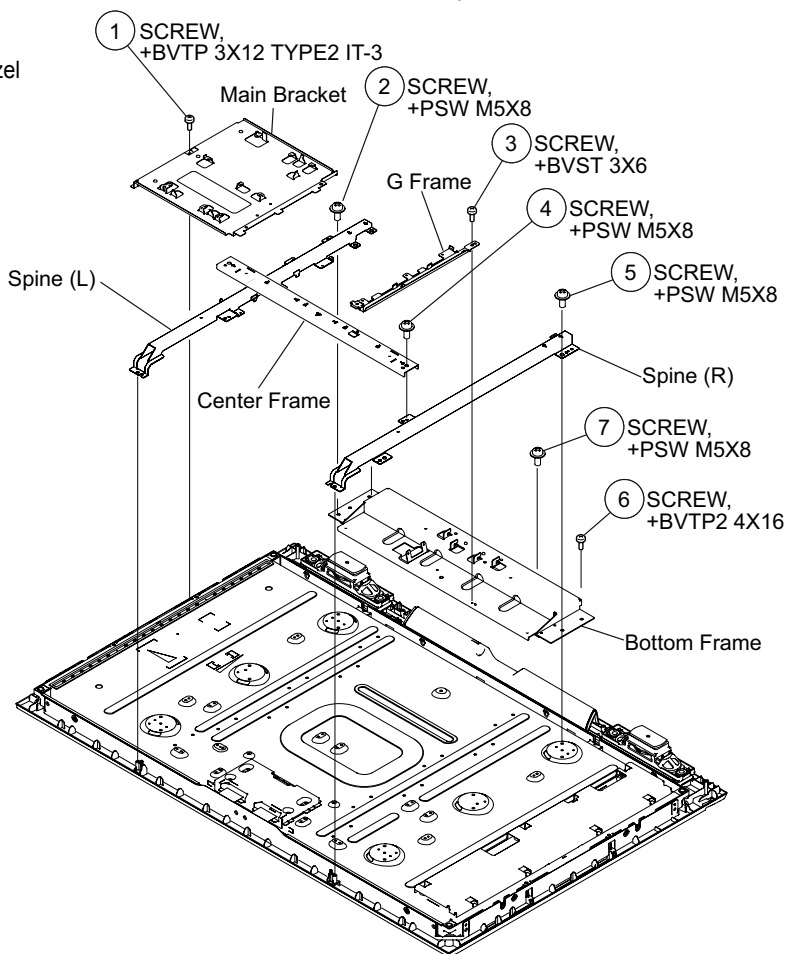


1-5-2. KDL-40S5100 ONLY

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

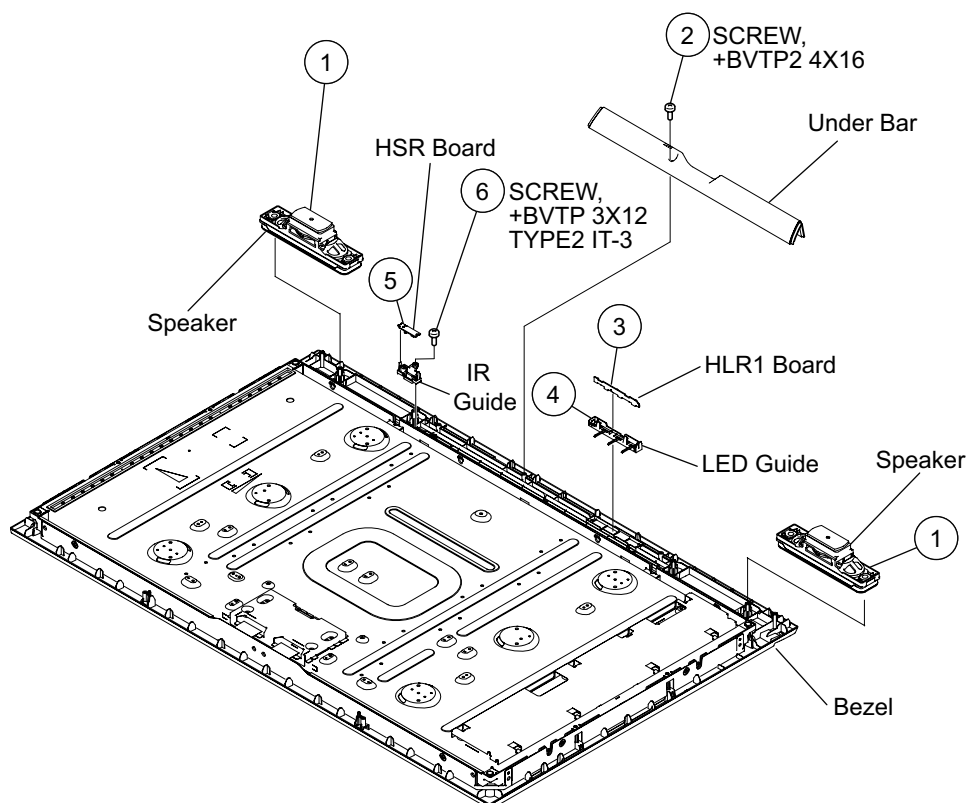
**1-5-3. KDL-46S5100 ONLY**

- 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/LED REMOVAL

- ① Slide out both Speakers from Bezel
- ② Remove 1 screw from Under Bar
- ③ Disconnect 1 connector from HLR1 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
- ⑥ Remove 1 screw 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

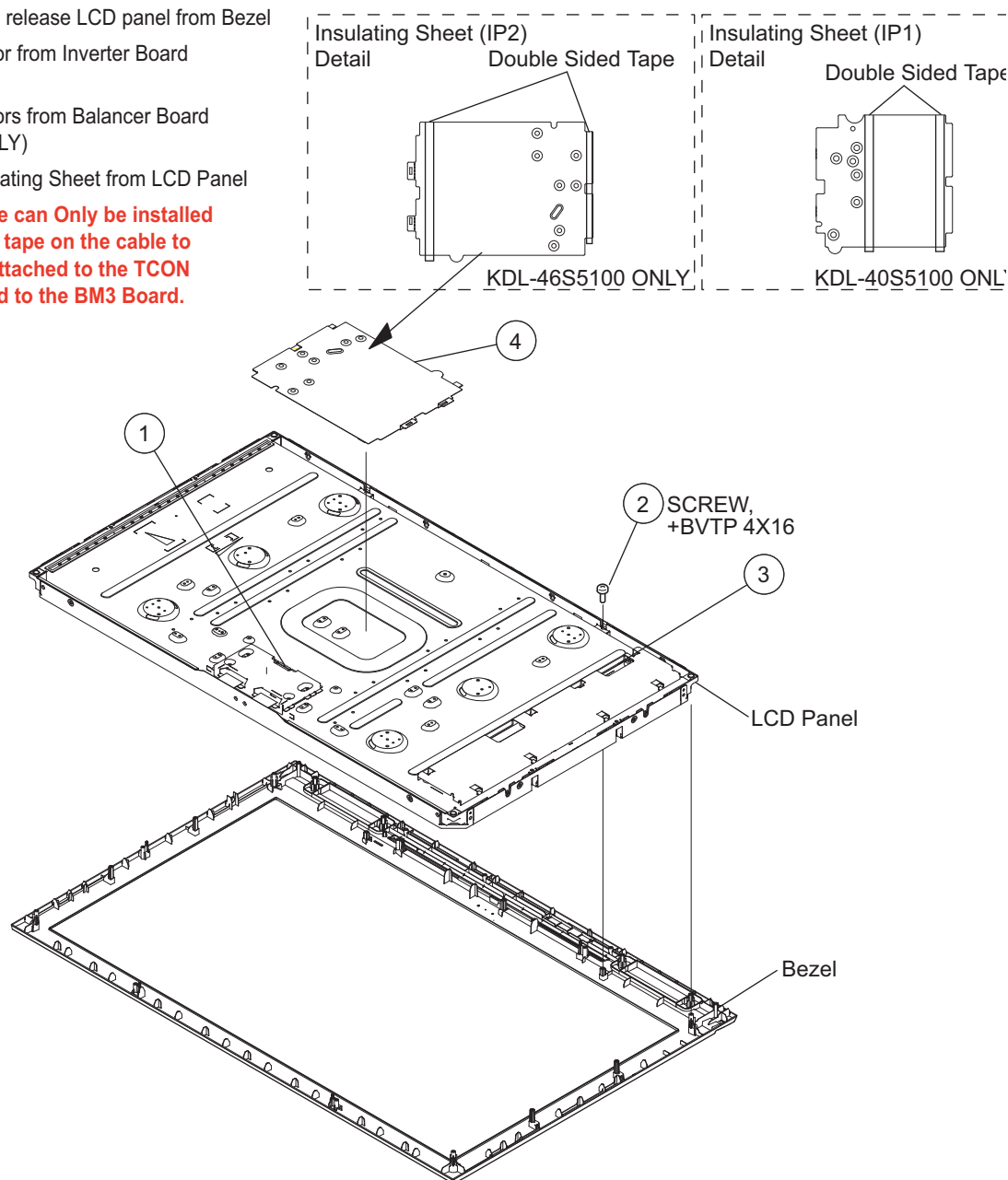
② Remove 2 screws and release LCD panel from Bezel

③ Disconnect 1 connector from Inverter Board (KDL-32S5100 ONLY)

Disconnect 2 connectors from Balancer Board (KDL-40/46S5100 ONLY)

④ Carefully peel off Insulating Sheet from LCD Panel

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.

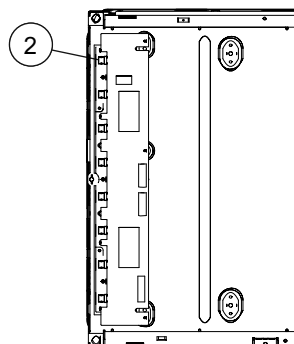
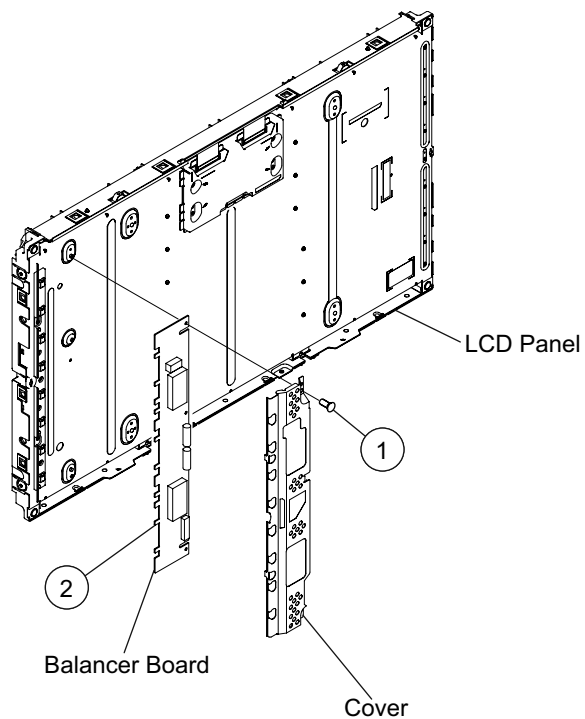
Clean the cabinet of the TV with a dry soft cloth.

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.

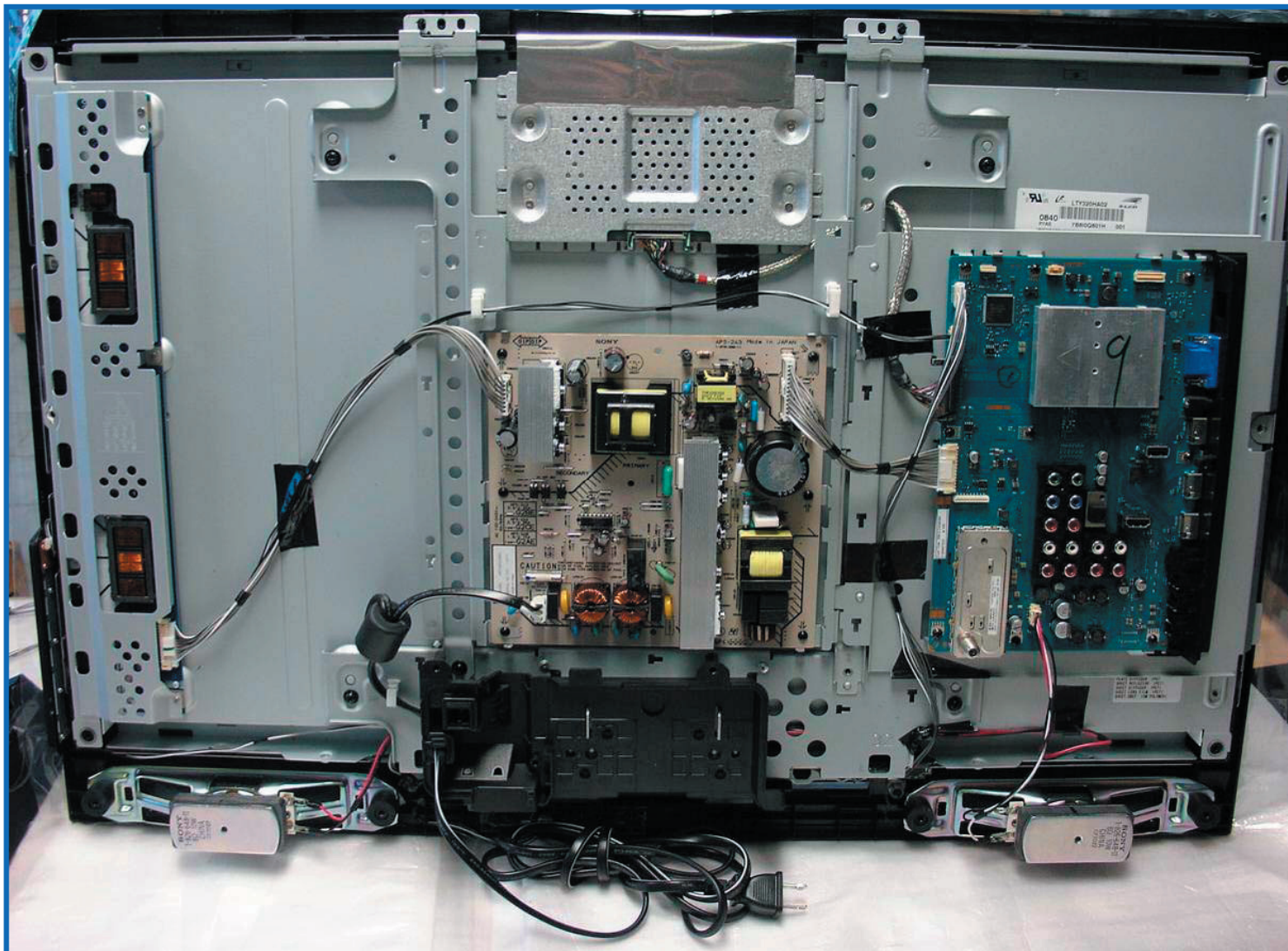
1-8. INVERTER BOARD REMOVAL (KDL-32S5100 ONLY)

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







WIRE DRESSING

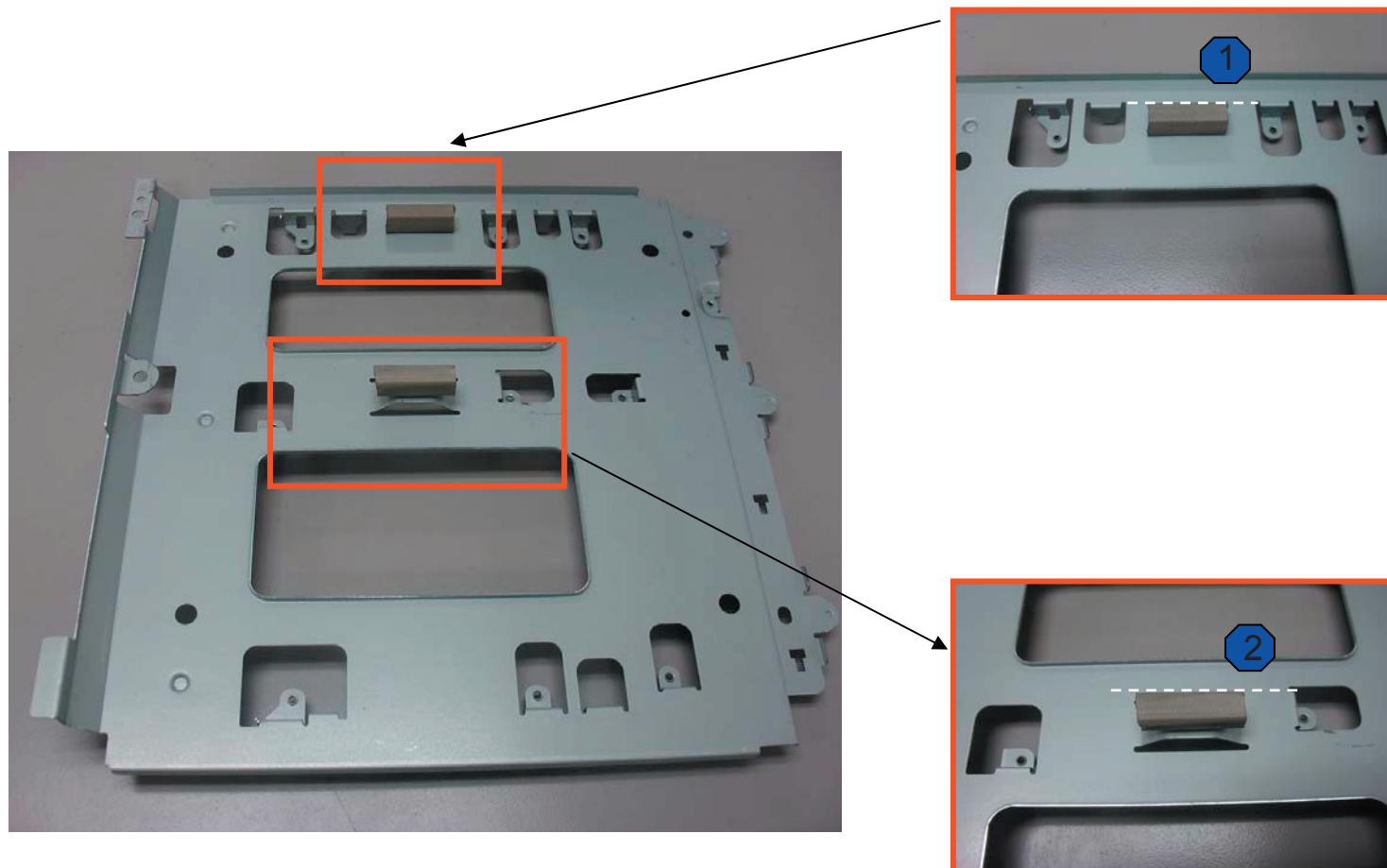
KDL-32S5100 ONLY
OVERALL ASSEMBLY



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

KDL-32S5100 ONLY**LEGEND**





Qty	Description	Symbol in dressing document
4	T clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	



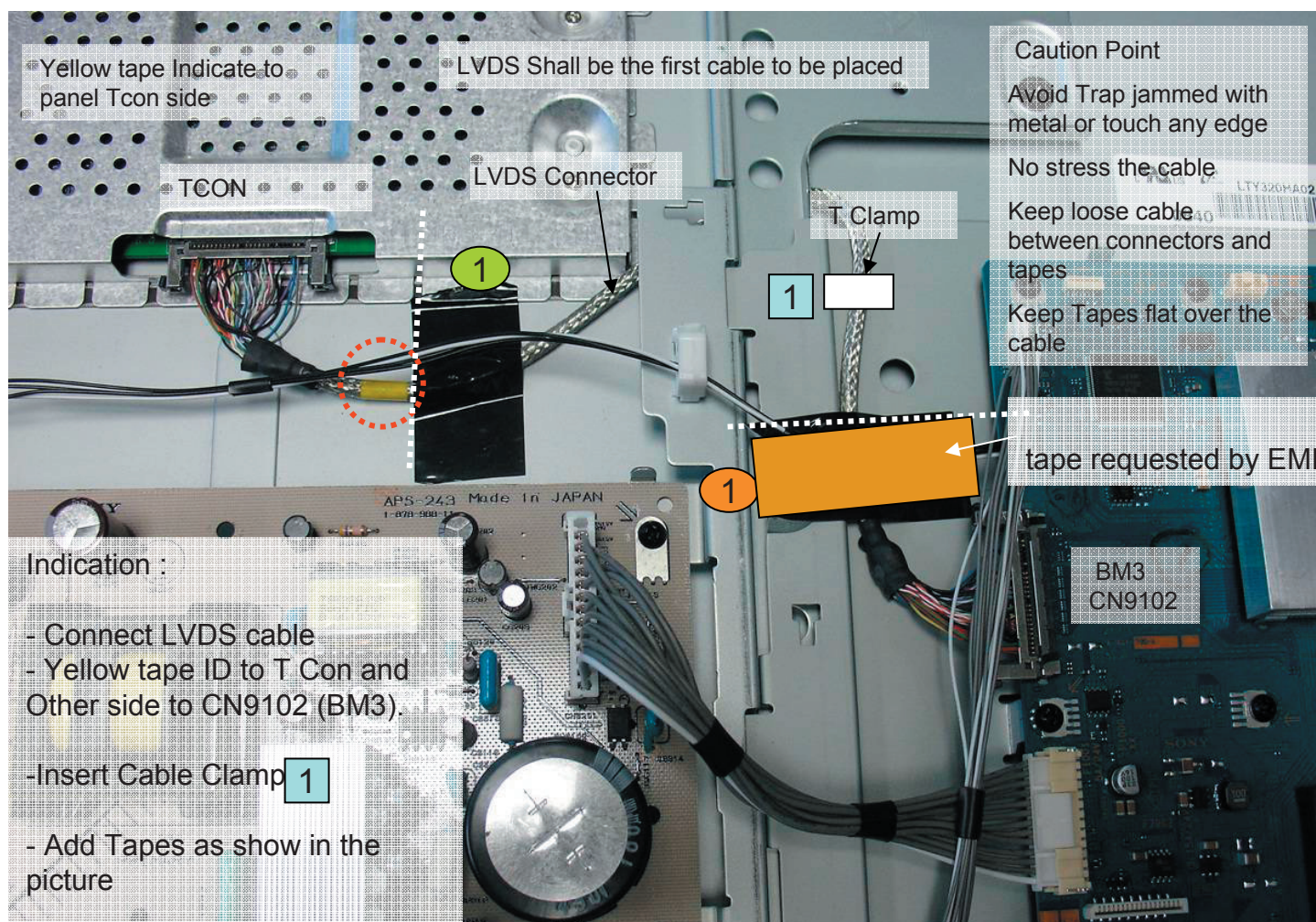
INSERT THE GASKET OVER THE BACK SIDE OF THE MAIN BRACKET

KDL-32S5100 ONLY

LEGEND





Qty	Description	Symbol in dressing document
4	T clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	

LVDS Cable → TCON to BM3/CN9102

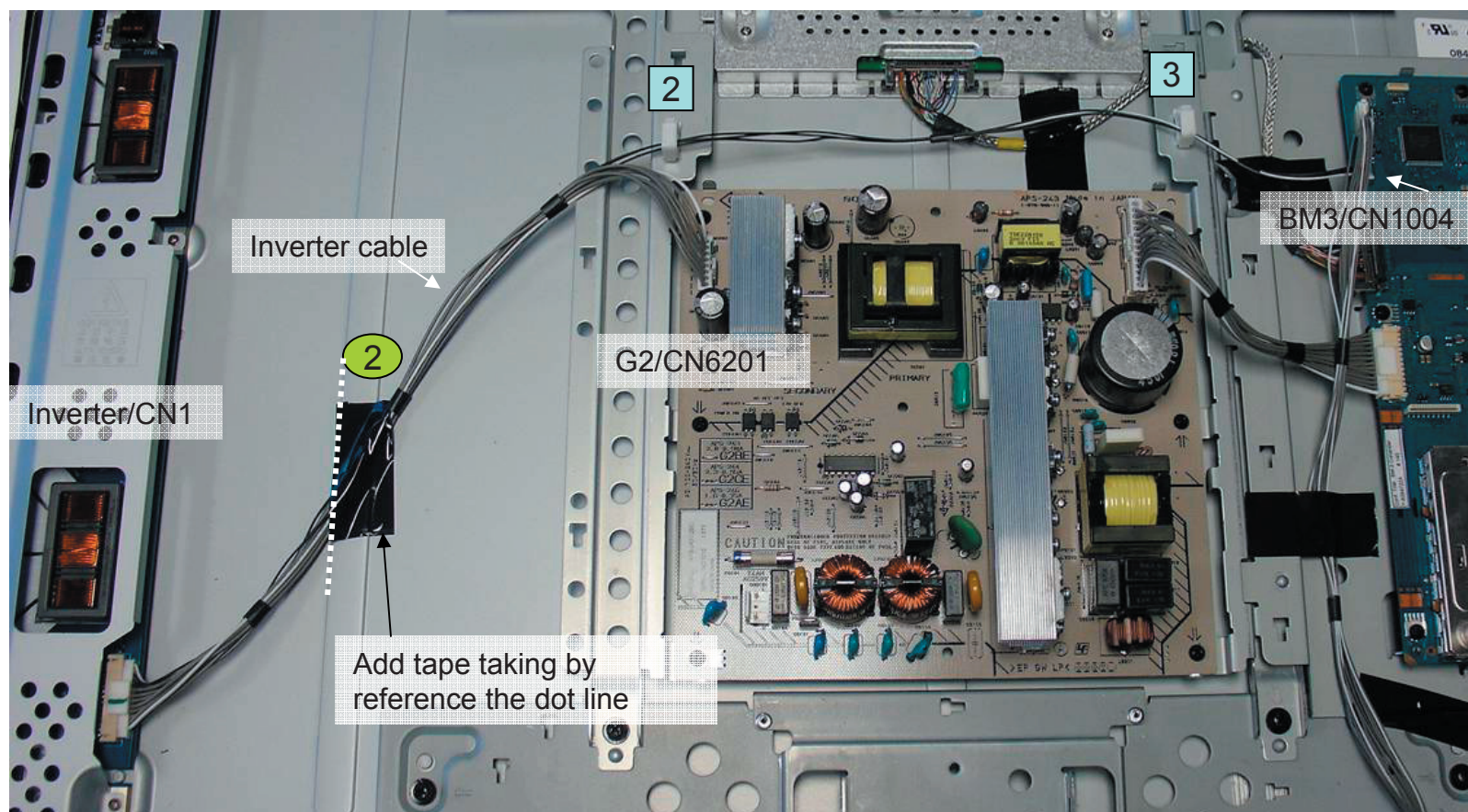


KDL-32S5100 ONLY

LEGEND





Qty	Description	Symbol in dressing document
4	T clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	

Inverter/CN1 to G2/CN6201 and BM3/CN1004

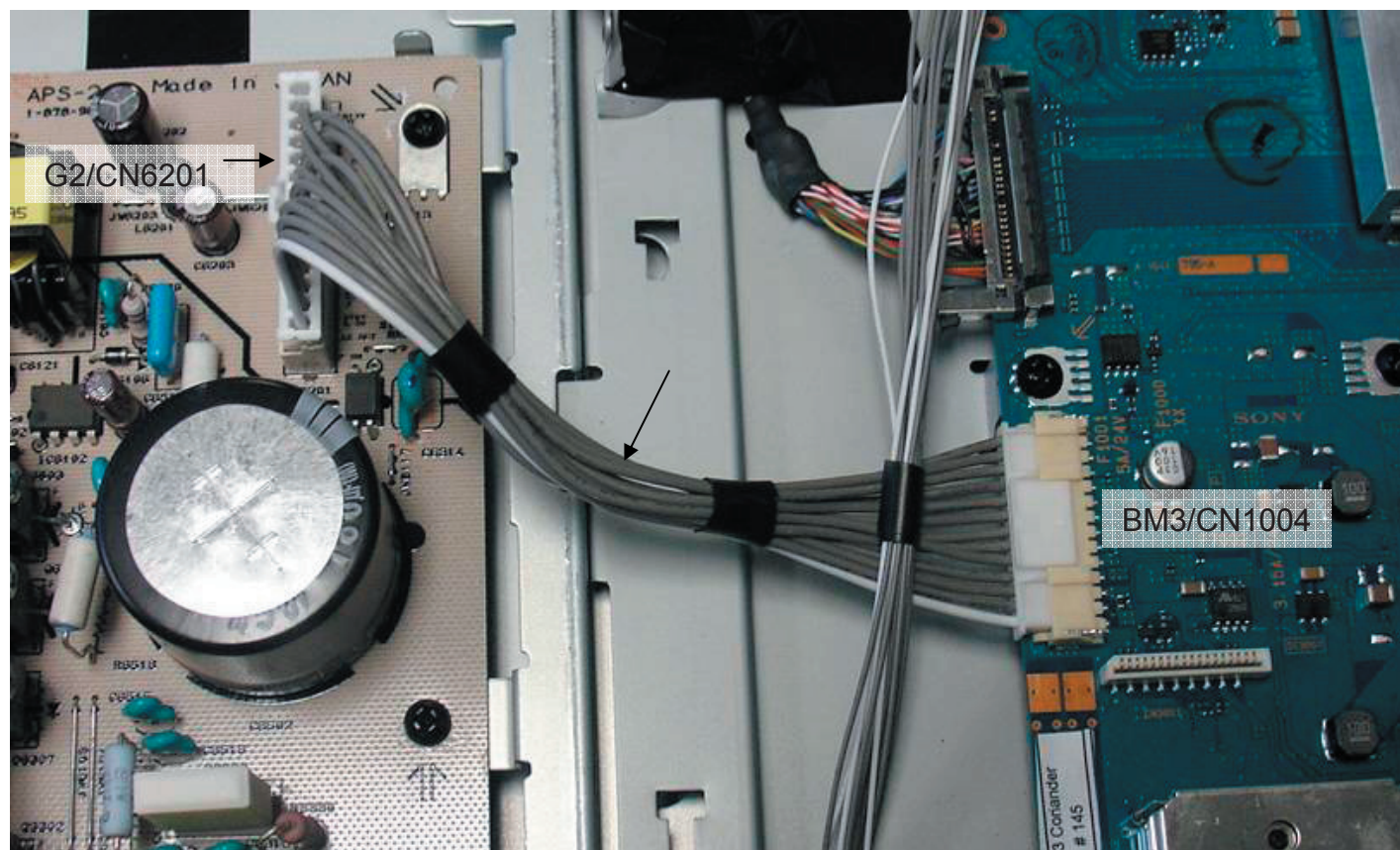


KDL-32S5100 ONLY

LEGEND





Qty	Description	Symbol in dressing document
4	T clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	

G2/CN6202 and BM3/CN1003



KDL-32S5100 ONLY

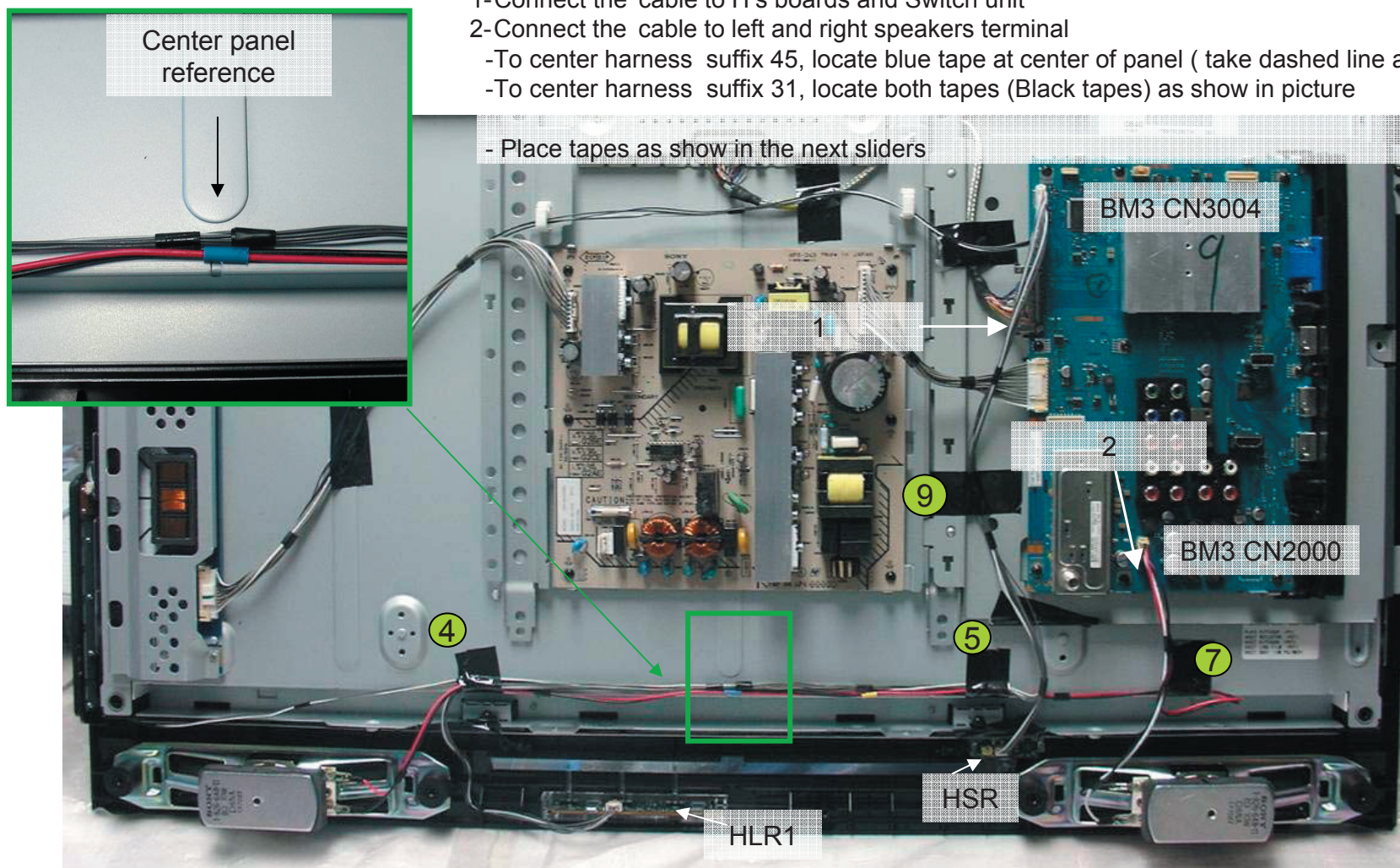
LEGEND

Qty	Description	Symbol in dressing document
4	T clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	

BM3/CN3004 to HSR, HLR1 and Switch unit
BM3/CN2000 to Speakers terminals





Indications:

- 1-Connect the cable to H's boards and Switch unit
- 2-Connect the cable to left and right speakers terminal
 - To center harness suffix 45, locate blue tape at center of panel (take dashed line as reference)
 - To center harness suffix 31, locate both tapes (Black tapes) as show in picture



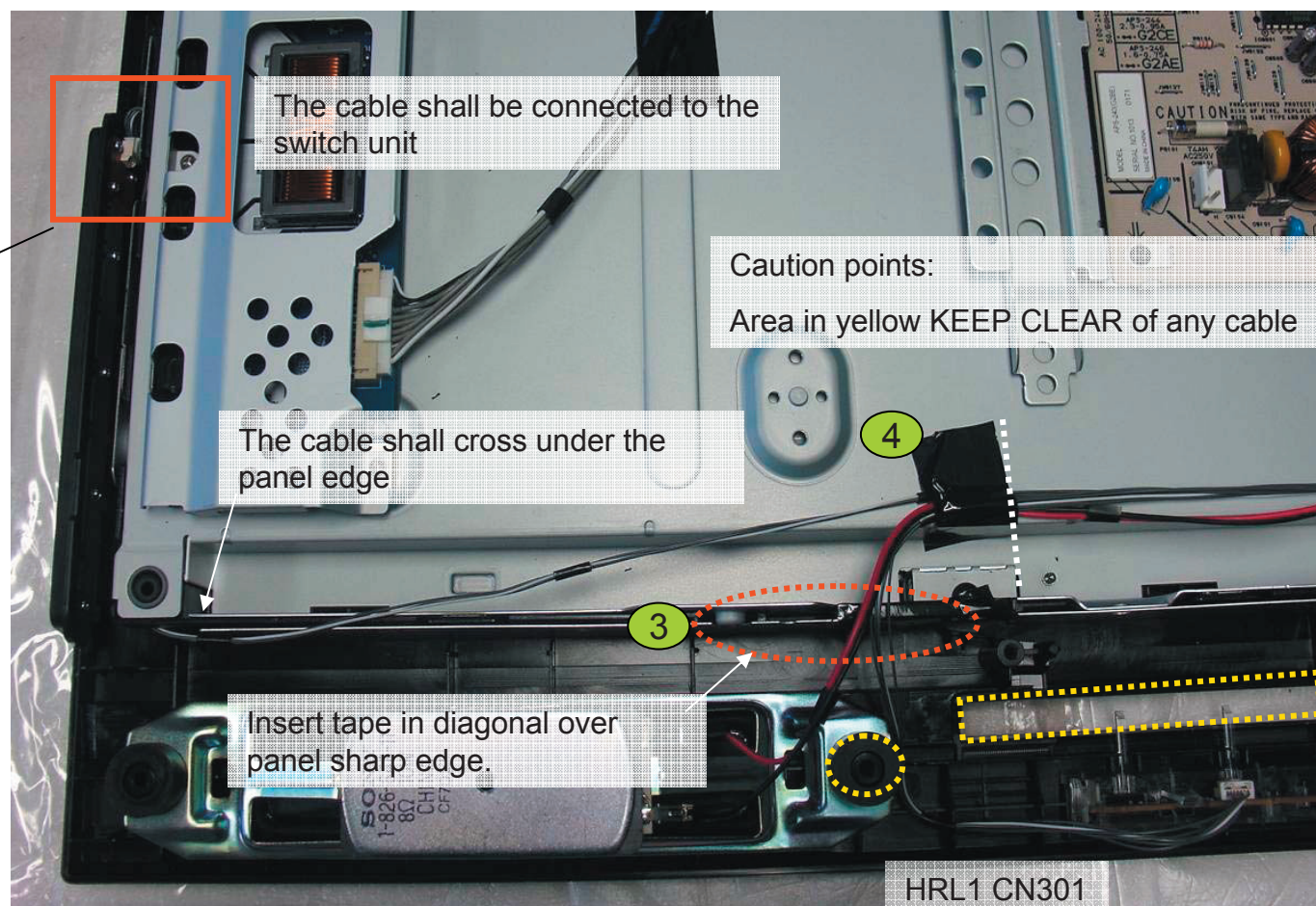
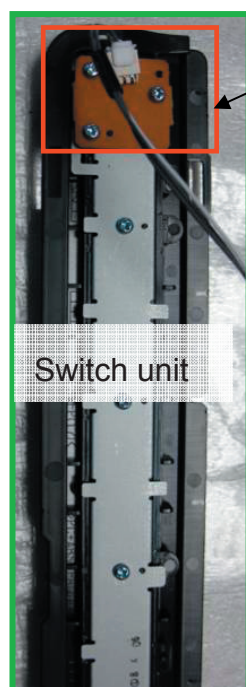
KDL-32S5100 ONLY

LEGEND

Qty	Description	Symbol in dressing document
4	T clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	

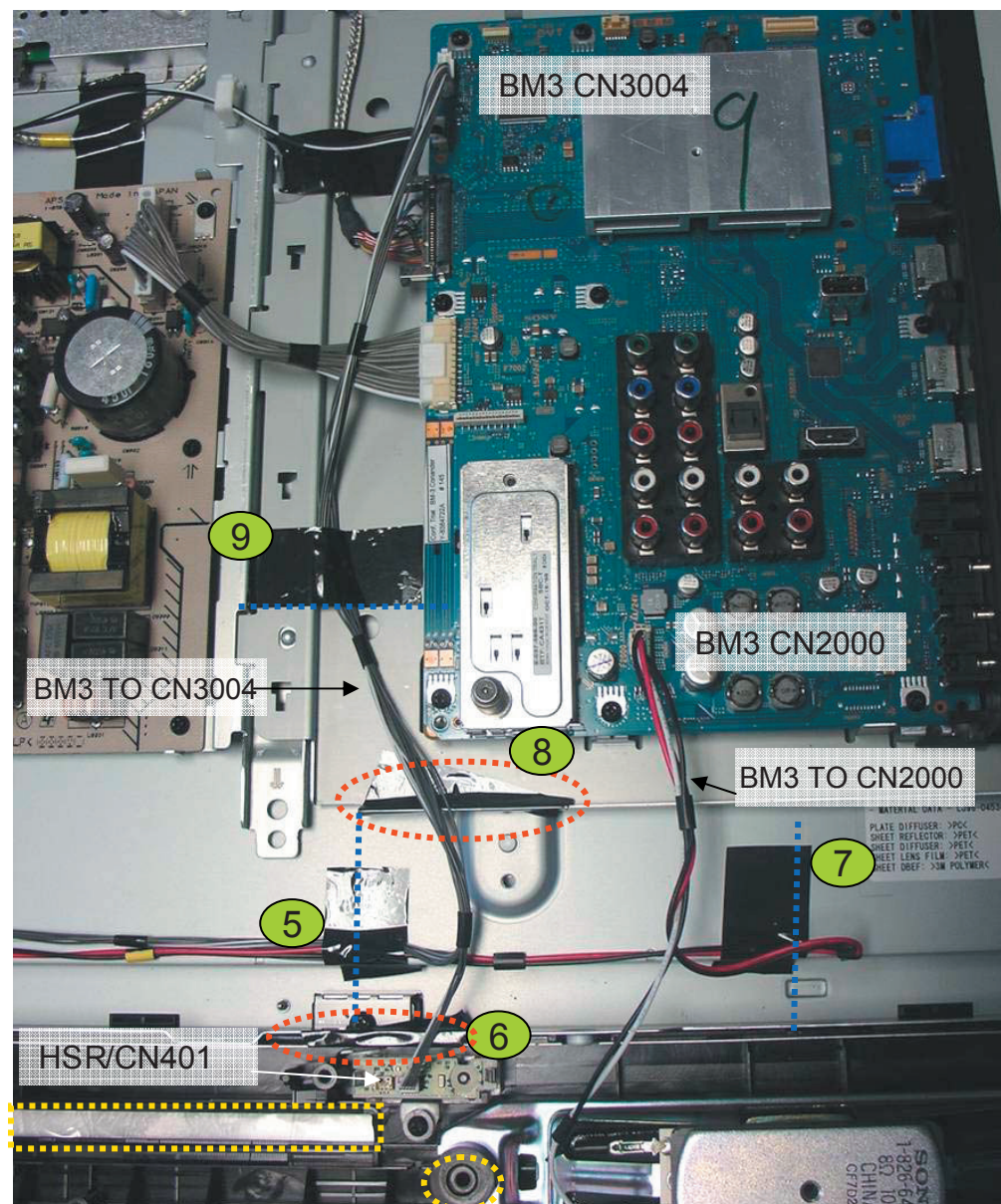
BM3/CN3004 to HSR, HLR1 and Switch unit
BM3/CN2000 to Speakers terminals

Caution point: Don't stress the cable, while the switch unit is being placed



KDL-32S5100 ONLY

BM3/CN3004 to HSR, HLR1 and Switch unit
 BM3/CN2000 to Speakers terminals

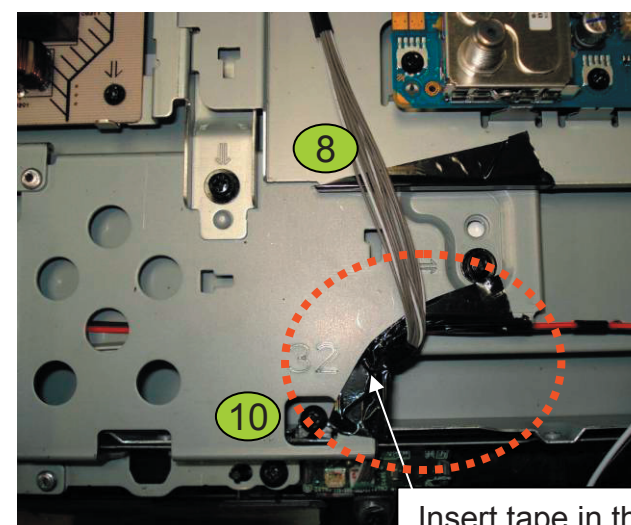
**LEGEND**

Qty	Description	Symbol in dressing document
4	T clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	

Indications :

- Add tape **6** and **8** in diagonal over the panel and main bracket sharp edges
- Insert tape **7** to the left of the reference (dot line)
- Add tape **5** and **9** taking by reference the dash line





Caution points: Area in yellow KEEP CLEAR of any cable



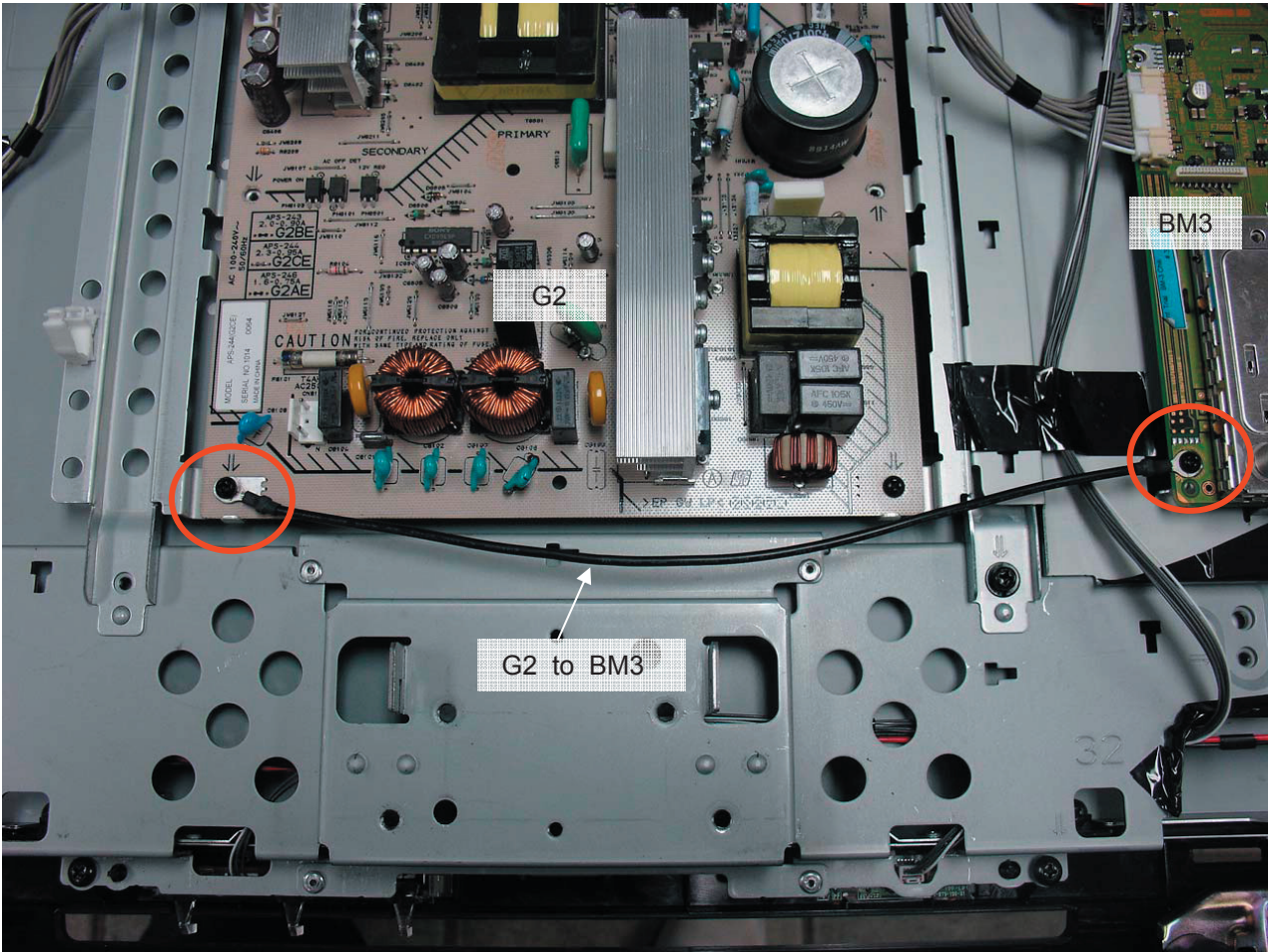
Insert tape in the bracket to cover sharp edge

KDL-32S5100 ONLY

LEGEND

Qty	Description	Symbol in dressing document
4	T clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	





Screw G2 to screw BM3

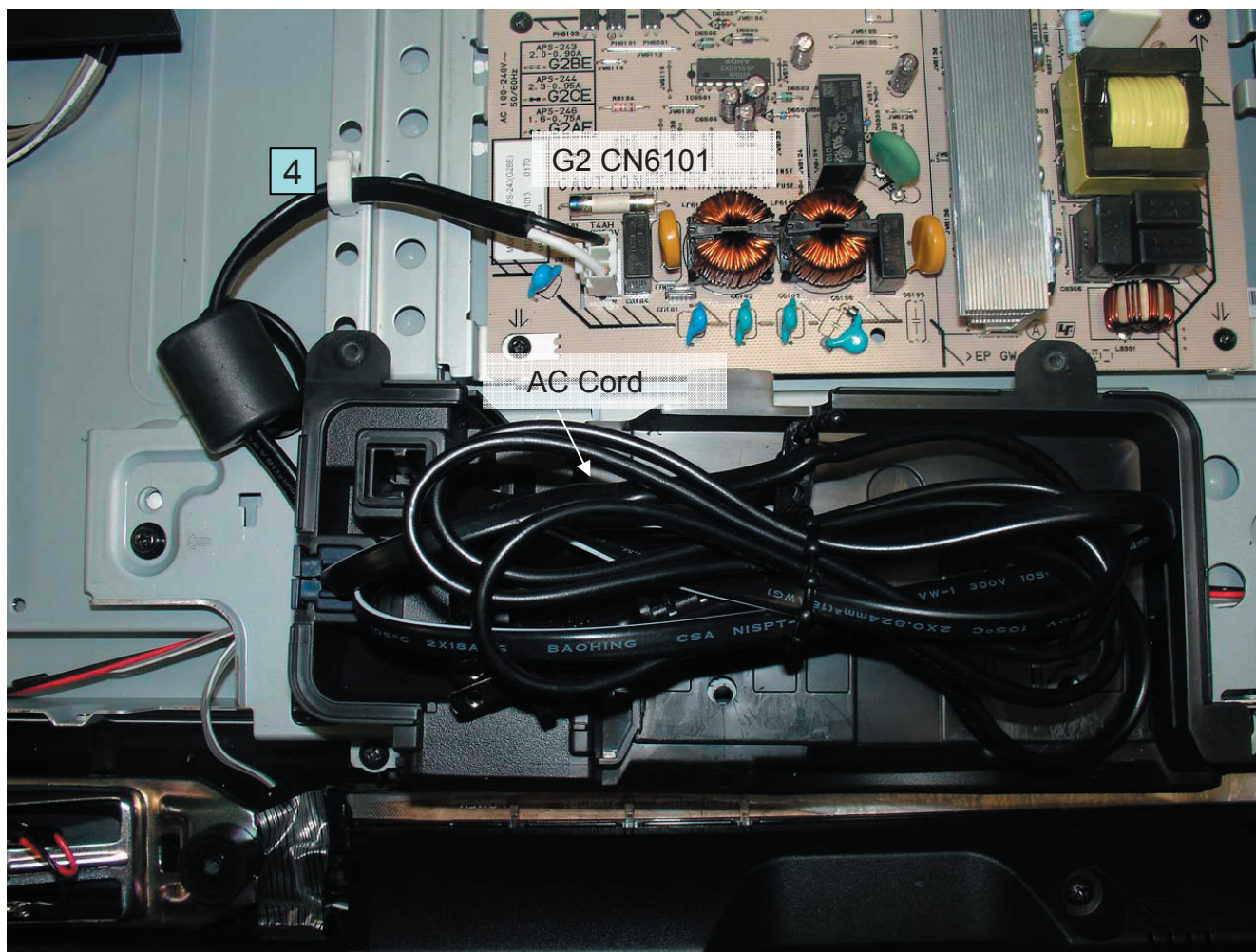


KDL-32S5100 ONLY

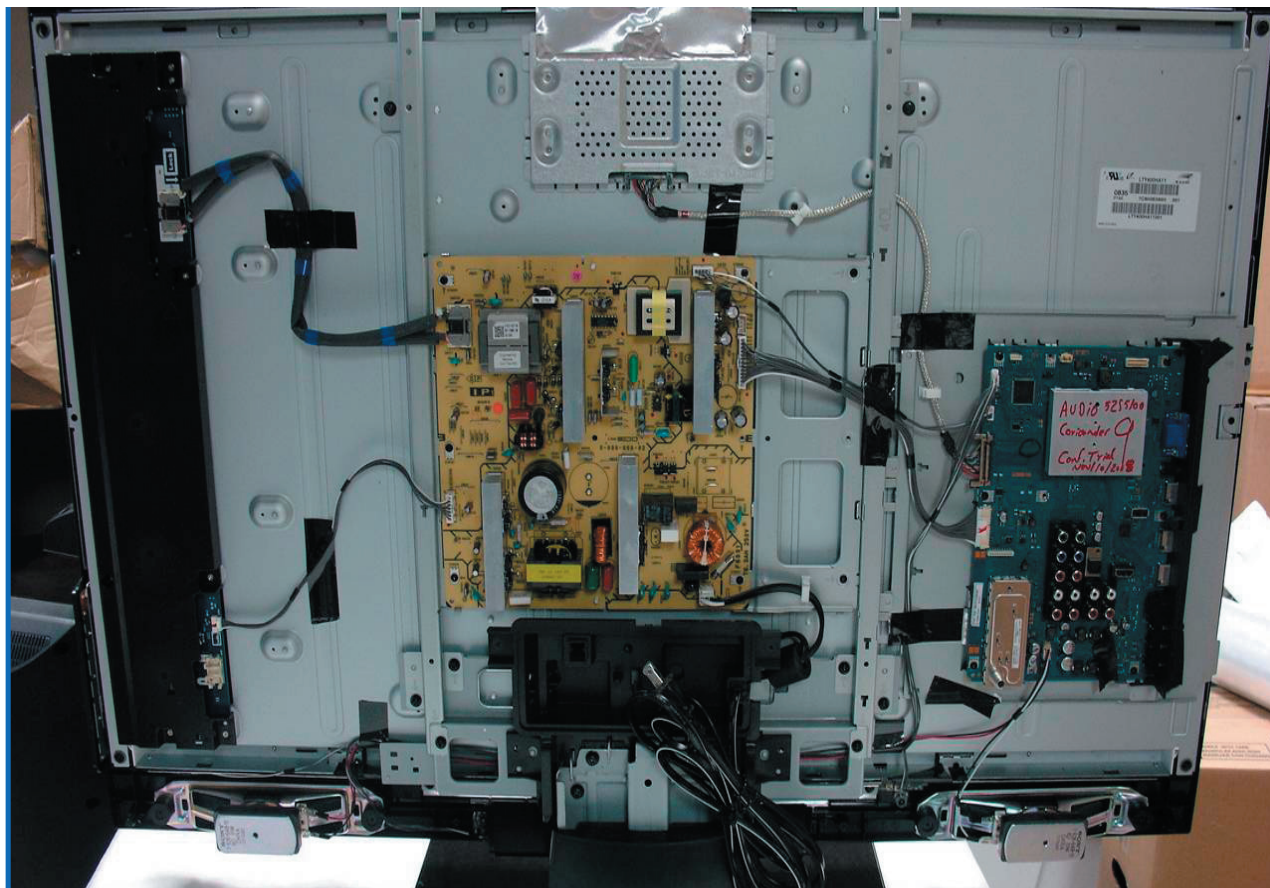
AC cord → G2/CN6101

LEGEND

Qty	Description	Symbol in dressing document
4	T clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	

AC Holder
position







KDL-40S5100 ONLY
OVERALL ASSEMBLY

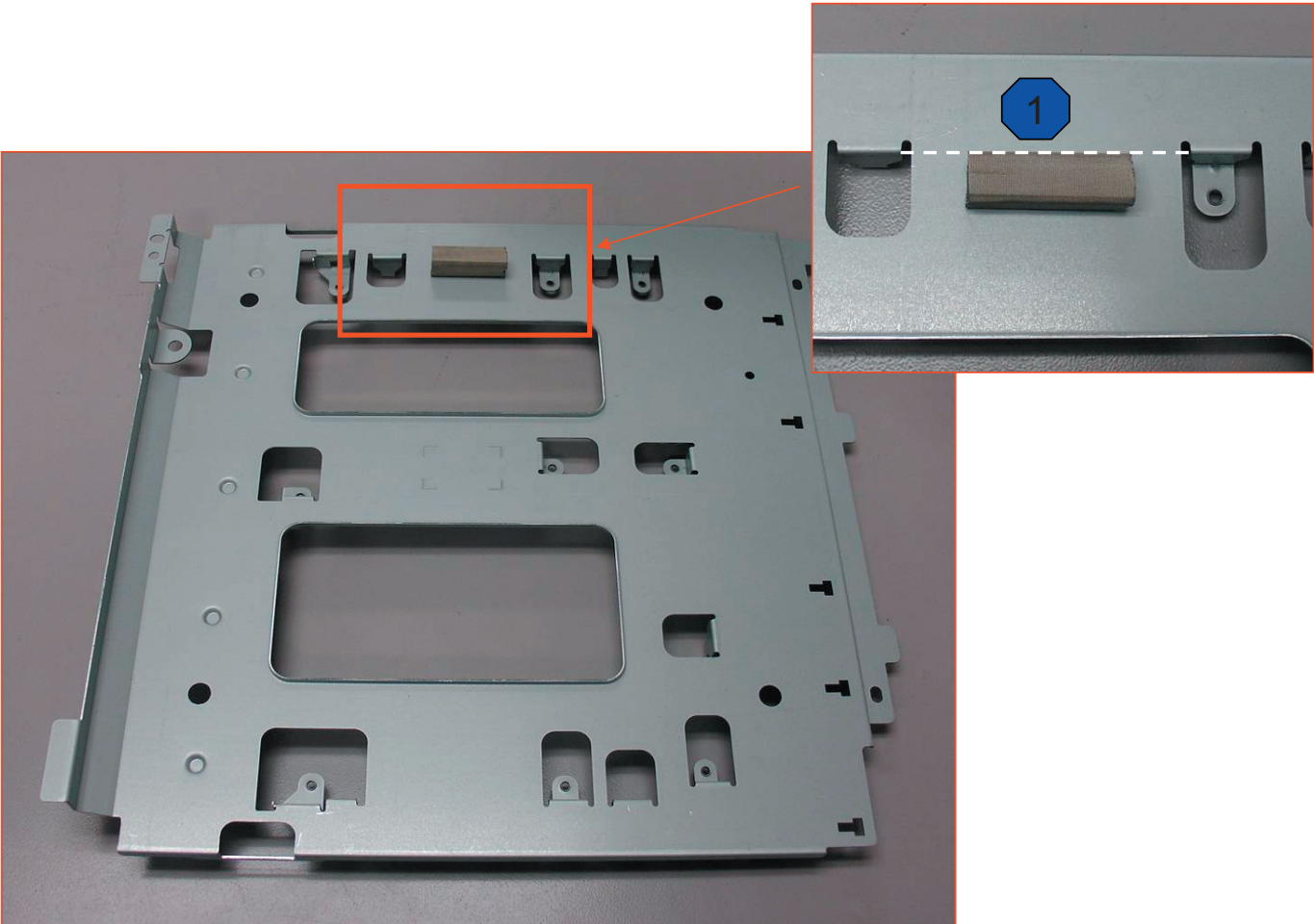


NOTE: THE TAPE COLOR ON THE LVDS CONNECTOR IS TO HELP DETERMINE THE CORRECT CONNECTION PLACEMENT

KDL-40S5100 ONLY







LEGEND

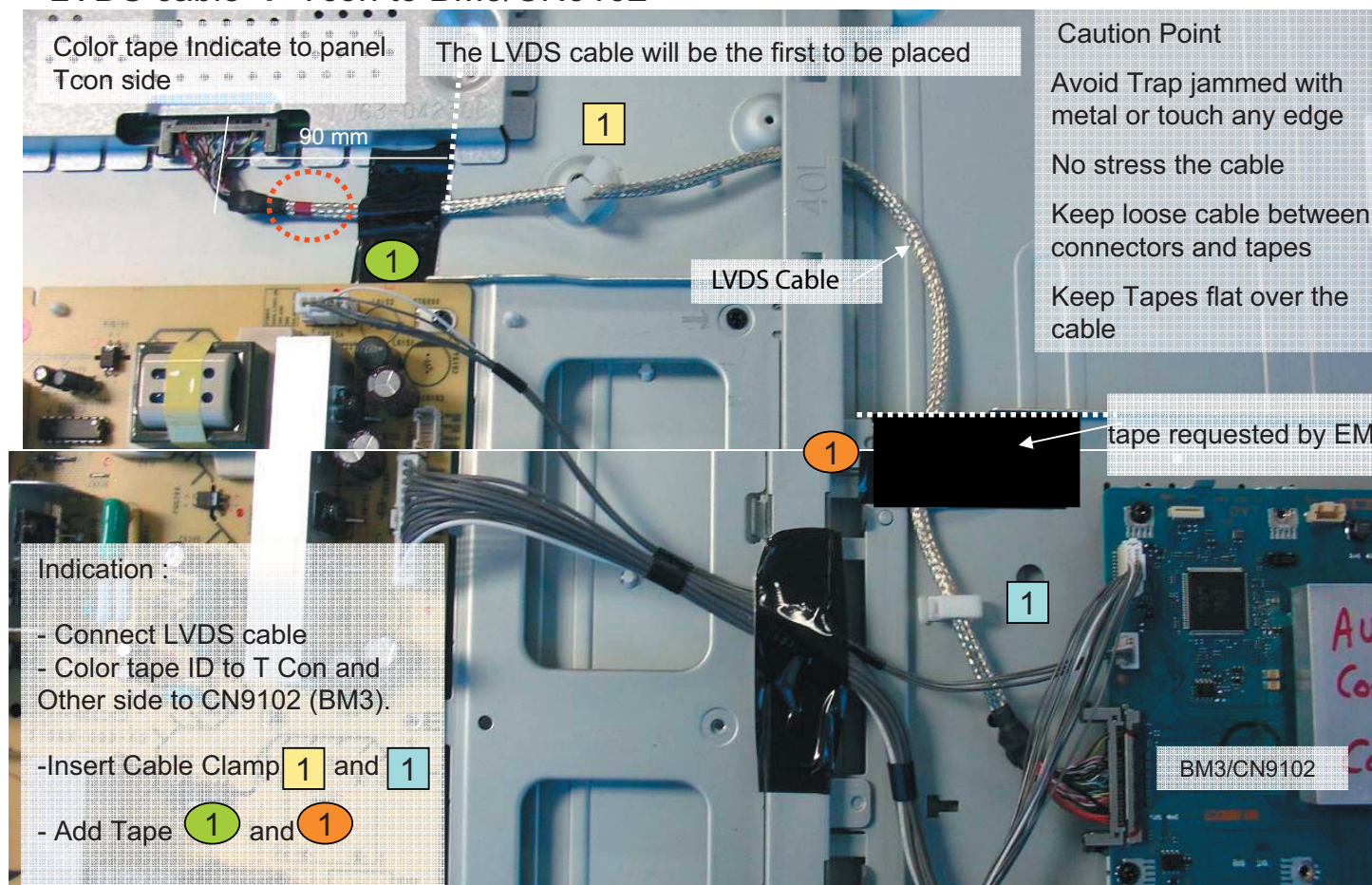
Qty	Description	Symbol in drawing document
2	T clamp	
1	Screw Clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
1	Himelon	
1	Gasket	



INSERT THE GASKET OVER THE BACK SIDE OF THE MAIN BRACKET







KDL-40S5100 ONLY**LEGEND**

Qty	Description	Symbol in drawing document
2	T clamp	
1	Screw Clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
1	Himelon	
1	Gasket	

LVDS cable → Tcon to BM3/CN9102

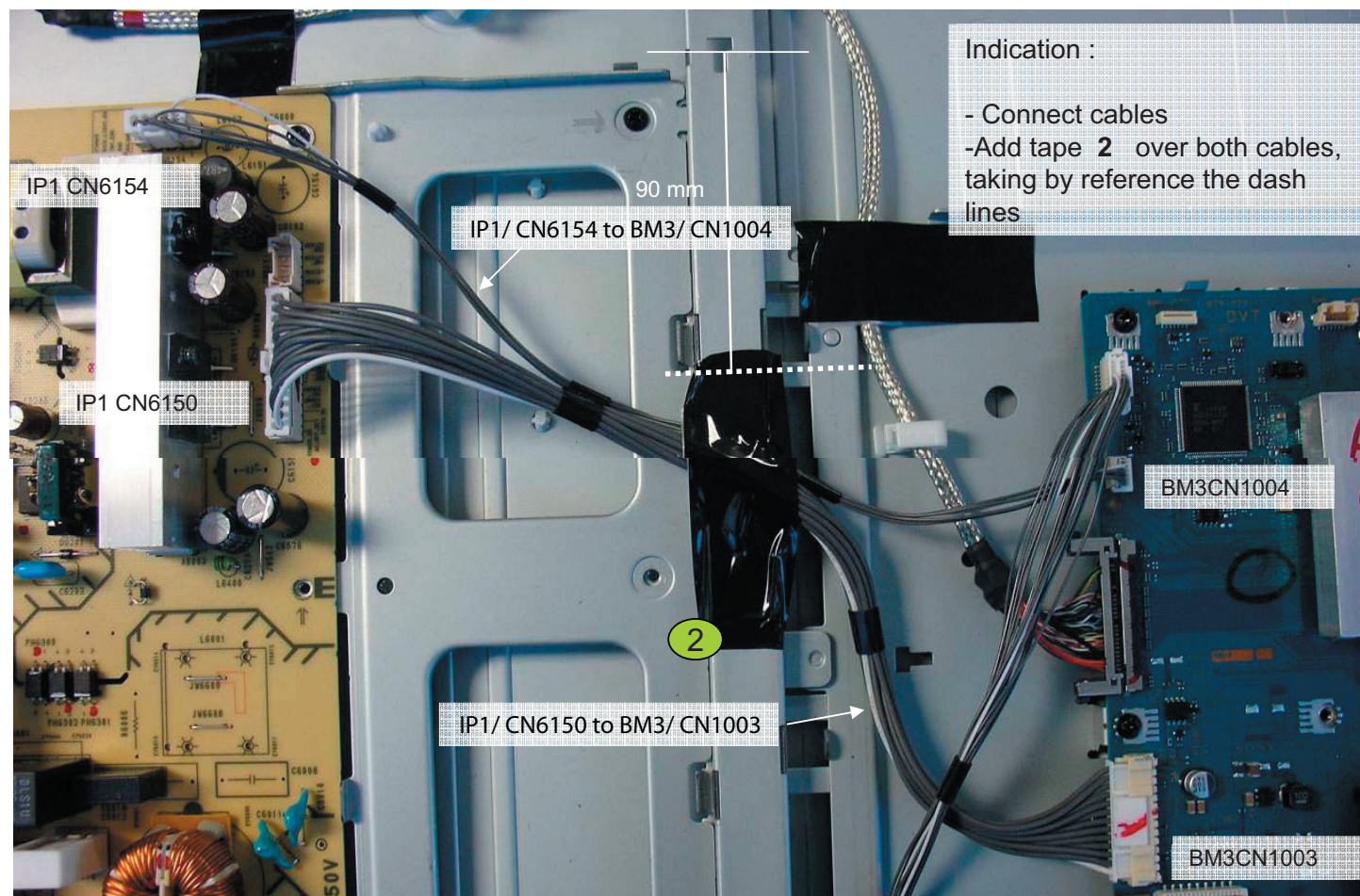
NOTE: THE TAPE COLOR ON THE LVDS CONNECTOR IS TO HELP DETERMINE THE CORRECT CONNECTION PLACEMENT

KDL-40S5100 ONLY**LEGEND**

Qty	Description	Symbol in drawing document
2	T clamp	
1	Screw Clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
1	Himelon	
1	Gasket	

Cable → from IP1/CN6150 to BM3/CN1003

Cable → from IP1/CN6154 to BM3/CN1004

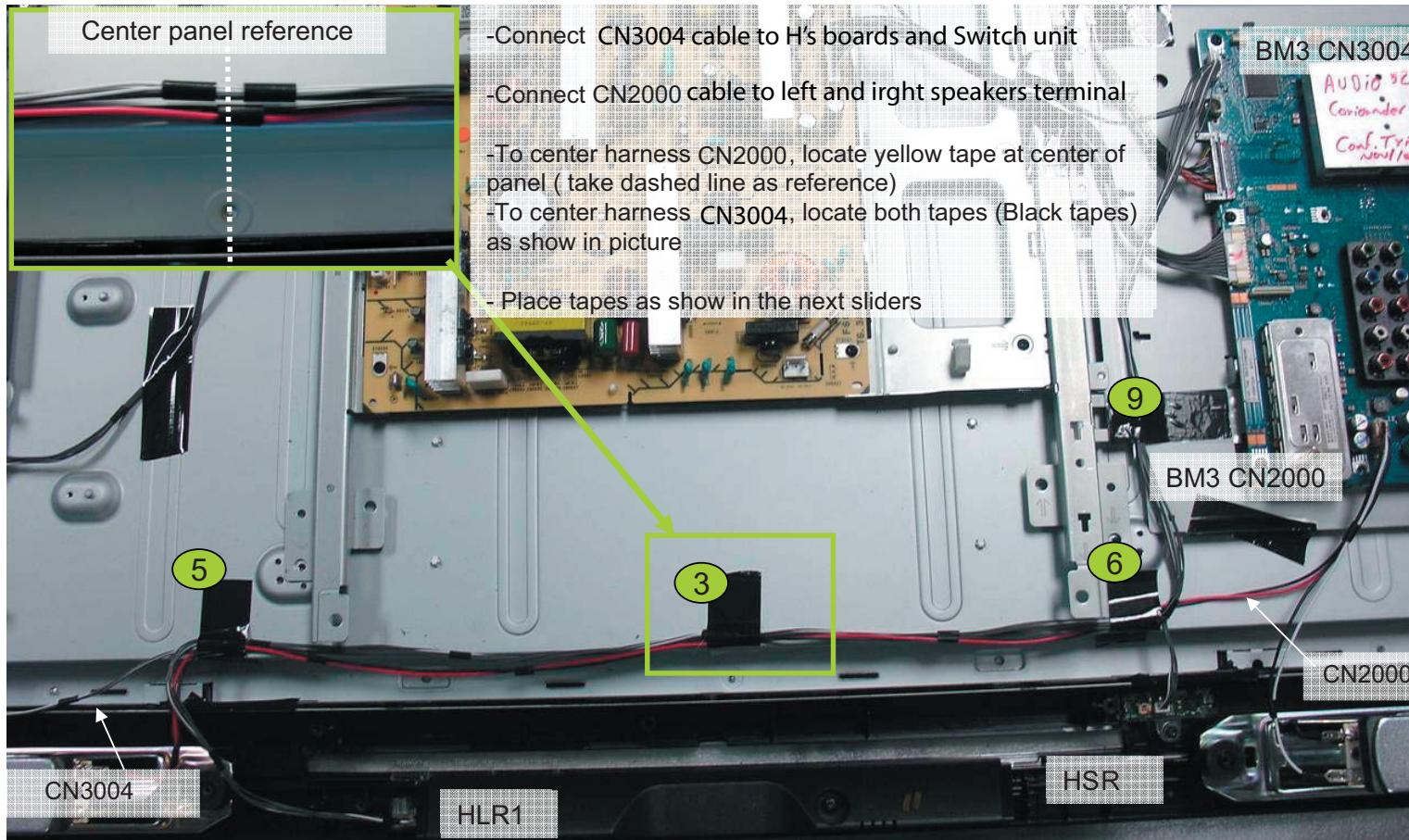


KDL-40S5100 ONLY







Cable → from BM3/CN3004 to HSR, HLR1 switch unit

Cable → from BM3/CN2000 to Speaker terminals







Indications:



LEGEND

Qty	Description	Symbol in dressing document
2	T clamp	
1	Screw Clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
1	Himelon	
1	Gasket	

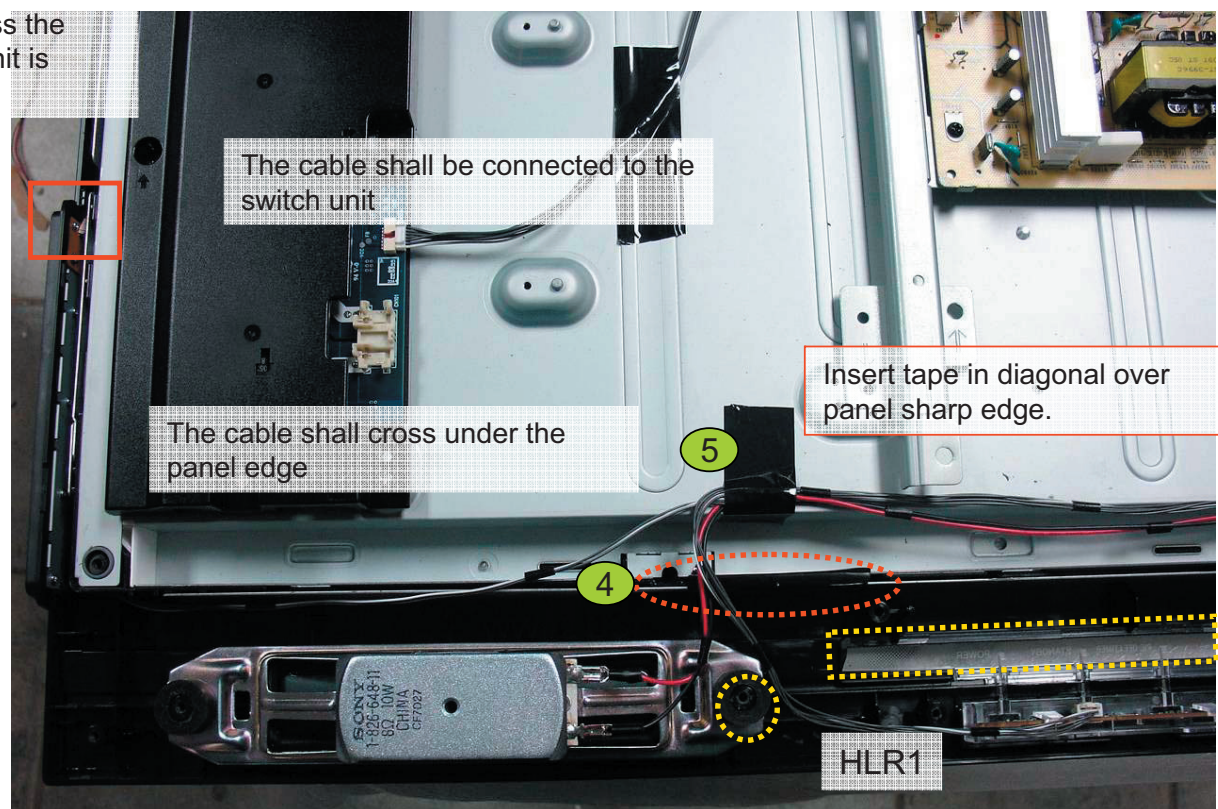
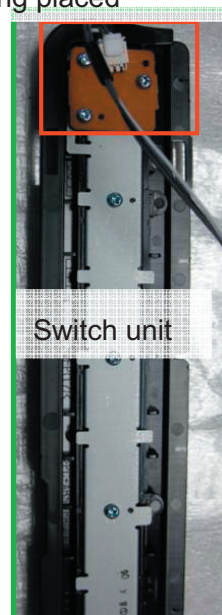
KDL-40S5100 ONLY**LEGEND**

Qty	Description	Symbol in drawing document
2	T clamp	
1	Screw Clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
1	Himelon	
1	Gasket	

Cable → from BM3/CN3004 to HSR, HLR1 switch unit

Cable → from BM3/CN2000 to Speaker terminals

Caution point: Don't stress the cable, while the switch unit is being placed









Caution points: keep area in yellow CLEAR of any cable

KDL-40S5100 ONLY

Cable → from BM3/CN3004 to HSR, HLR1 switch unit

Cable → from BM3/CN2000 to Speaker terminals

LEGEND

Qty	Description	Symbol in drawing document
2	T clamp	
1	Screw Clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
1	Himelon	
1	Gasket	

Indications :

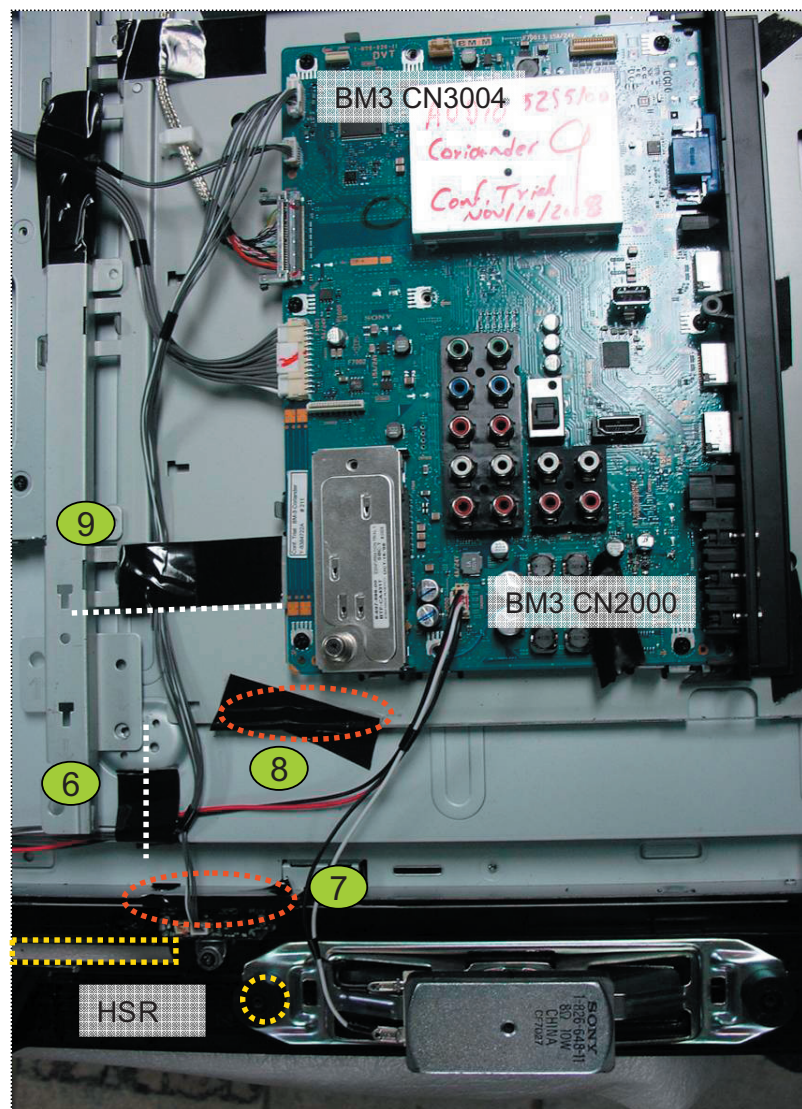
-Add tape **7** and **8** in diagonal over the panel and main bracket sharp edges

-Add tape **6** taking by reference the center of panel circle

-Insert tape **9** on top of reference dash line

Caution points:

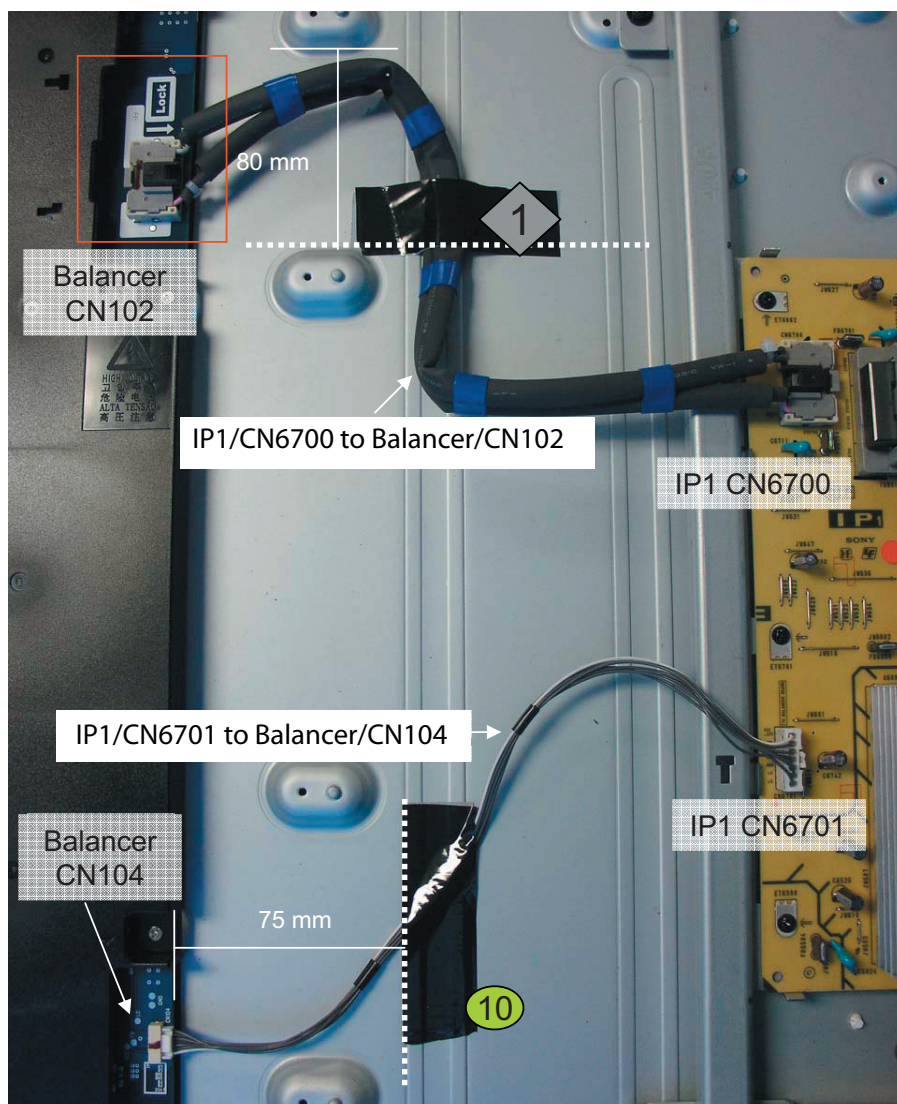
keep area in yellow CLEAR of any cable



KDL-40S5100 ONLY

Cable → from IP1/CN6700 to Balancer/CN102

Cable → from IP1/CN6701 to Balancer/CN104

**LEGEND**

Qty	Description	Symbol in drawing document
2	T clamp	
1	Screw Clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
1	Himelon	
1	Gasket	

Indications:

-Insert Himelon Tape 1 in horizontal way taking by reference the dotted line.

-Add tape 10 in vertical form taking by reference the panel lines









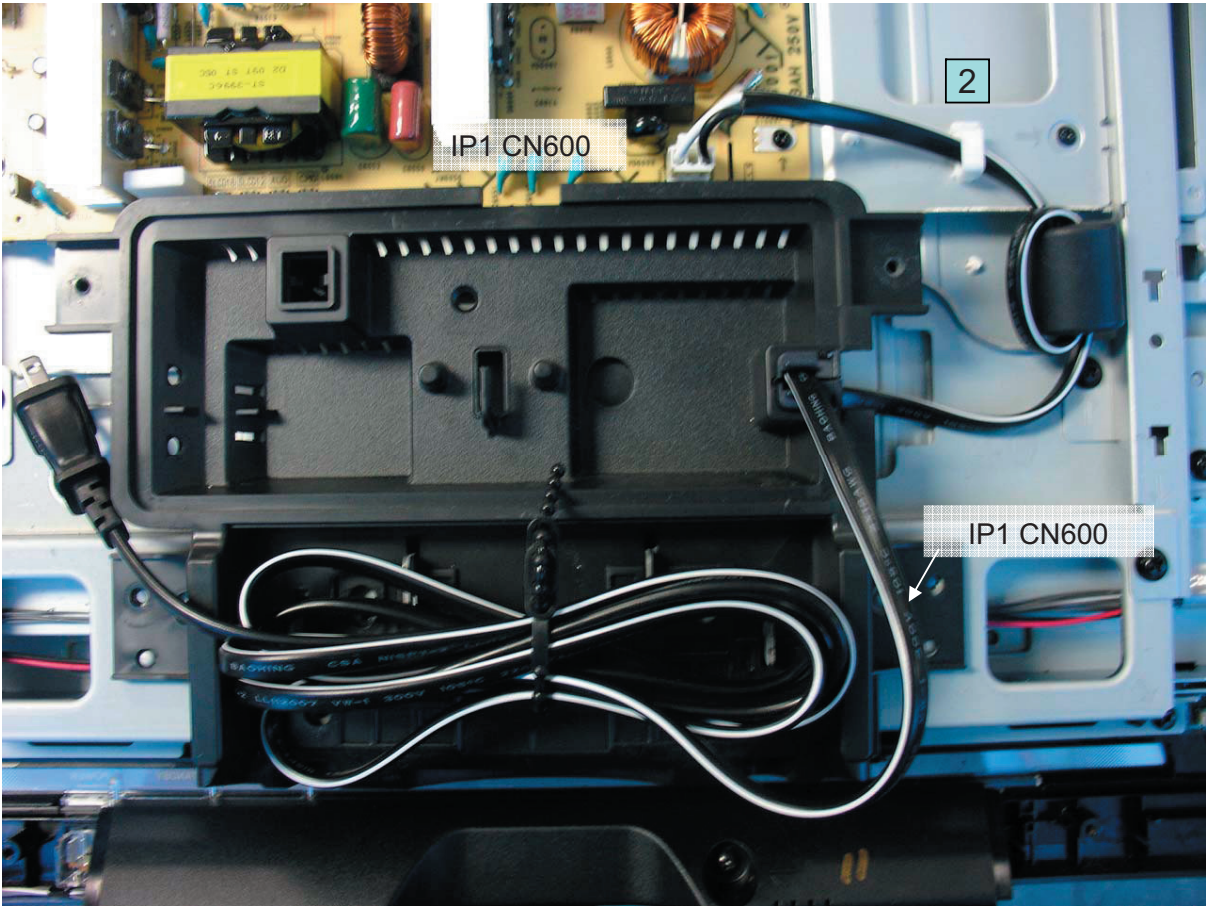
Lock both sizes of cable pushing the locked were the arrow points

KDL-40S5100 ONLY

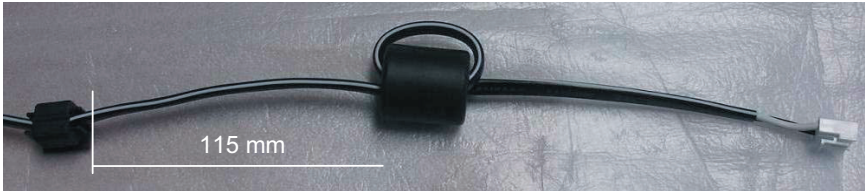
AC cord → IP1/CN600

LEGEND

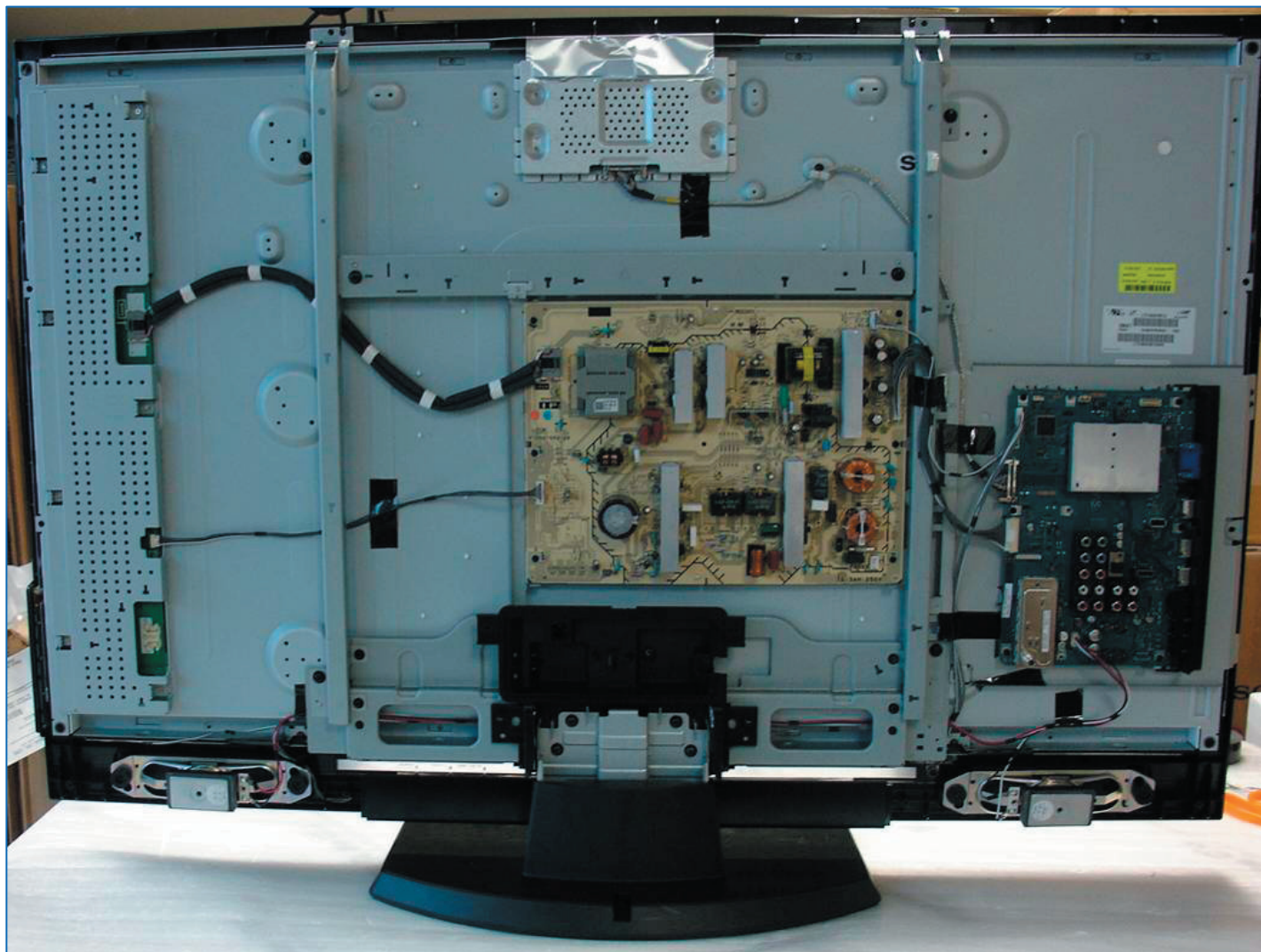
Qty	Description	Symbol in drawing document
2	T clamp	
1	Screw Clamp	
10	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
1	Himelon	
1	Gasket	



AC Holder position








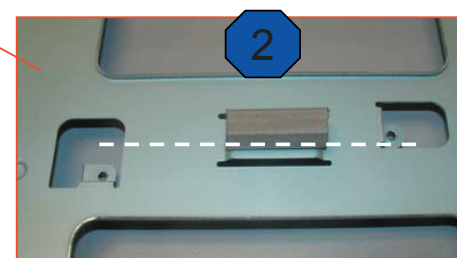
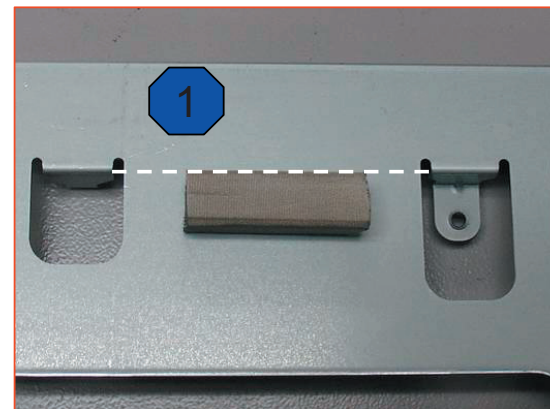
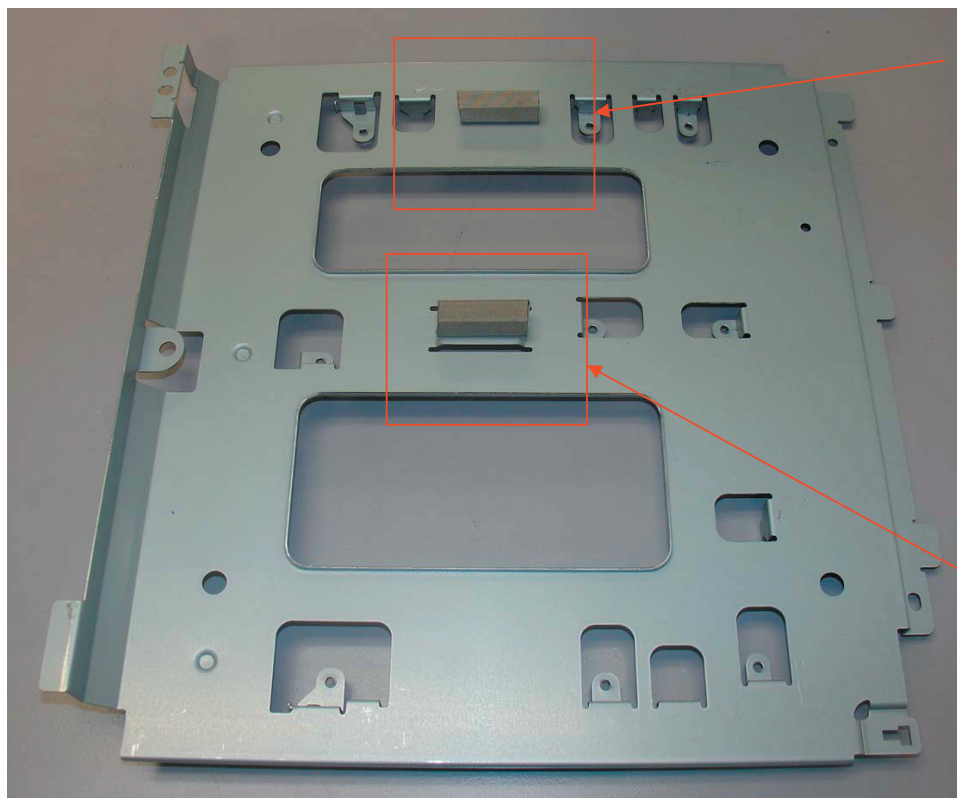
KDL-46S5100 ONLY
OVERALL ASSEMBLY



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

KDL-46S5100 ONLY**LEGEND**






Qty	Description	Symbol in dressing document
2	T clamp	
1	Screw Clamp	
11	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	



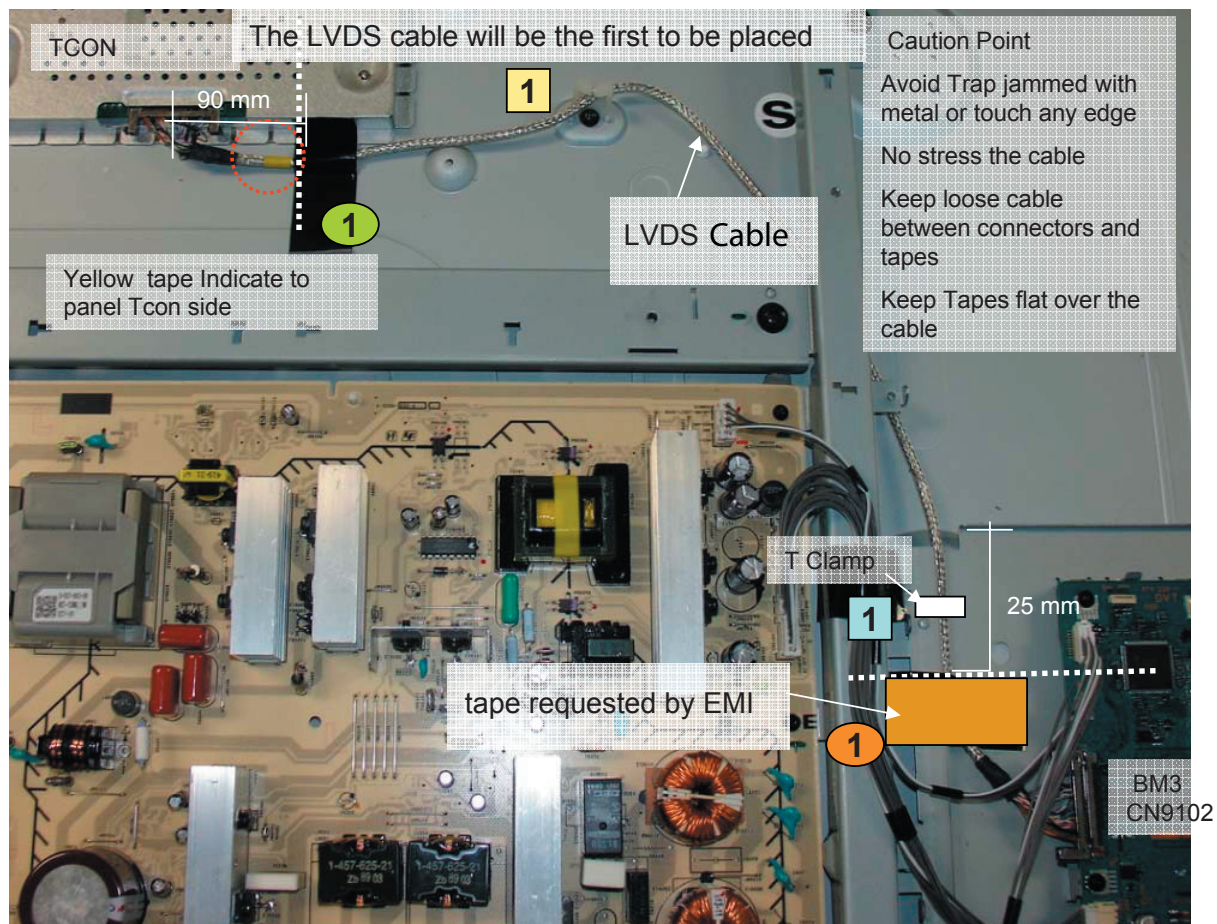
INSERT THE GASKET OVER THE BACK SIDE OF THE MAIN BRACKET

KDL-46S5100 ONLY

LEGEND

Qty	Description	Symbol in dressing document
2	T clamp	
1	Screw Clamp	
11	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	

LVDS Cable → TCON to BM3/CN9102



Indication :

- Connect LVDS cable
- Yellow tape ID to T Con and Other side to CN9102 (BM3).

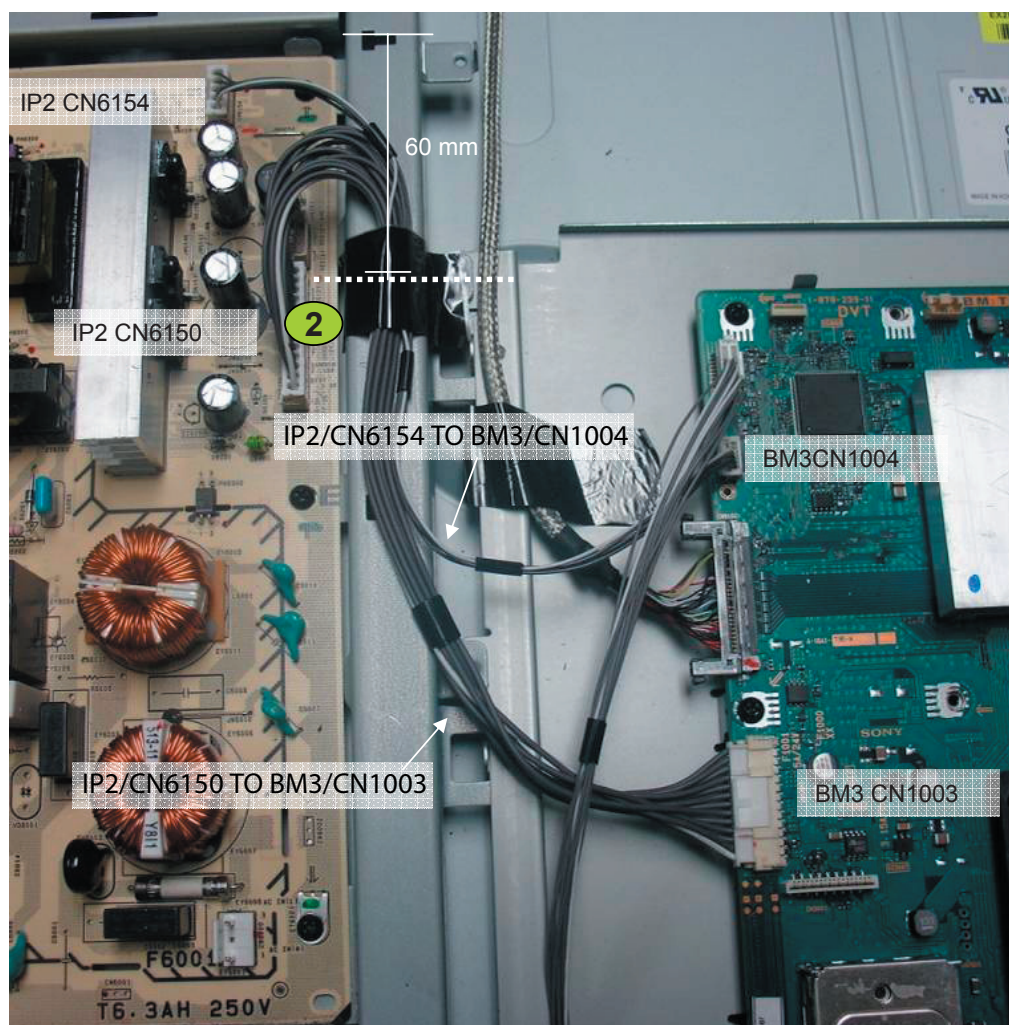
-Insert Cable Clamp **1** and **1**

- Add Tape **1** and **1**

KDL-46S5100 ONLY

Cable → from IP2CN6150 to BM3/CN1003

Cable → from IP2CN6154 to BM3/CN1004






**LEGEND**

Qty	Description	Symbol in dressing document
2	T clamp	
1	Screw Clamp	
11	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	

Indication :

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

KDL-46S5100 ONLY**LEGEND**

Qty	Description	Symbol in dressing document
2	T clamp	
1	Screw Clamp	
11	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	

Cable → from BM3/CN3004 to HSR, HLR1 and Switch unit

Cable → from BM3/CN2000 to Speakers terminals

Indications:

1- Connect cable to H's Boards and Switch Unit

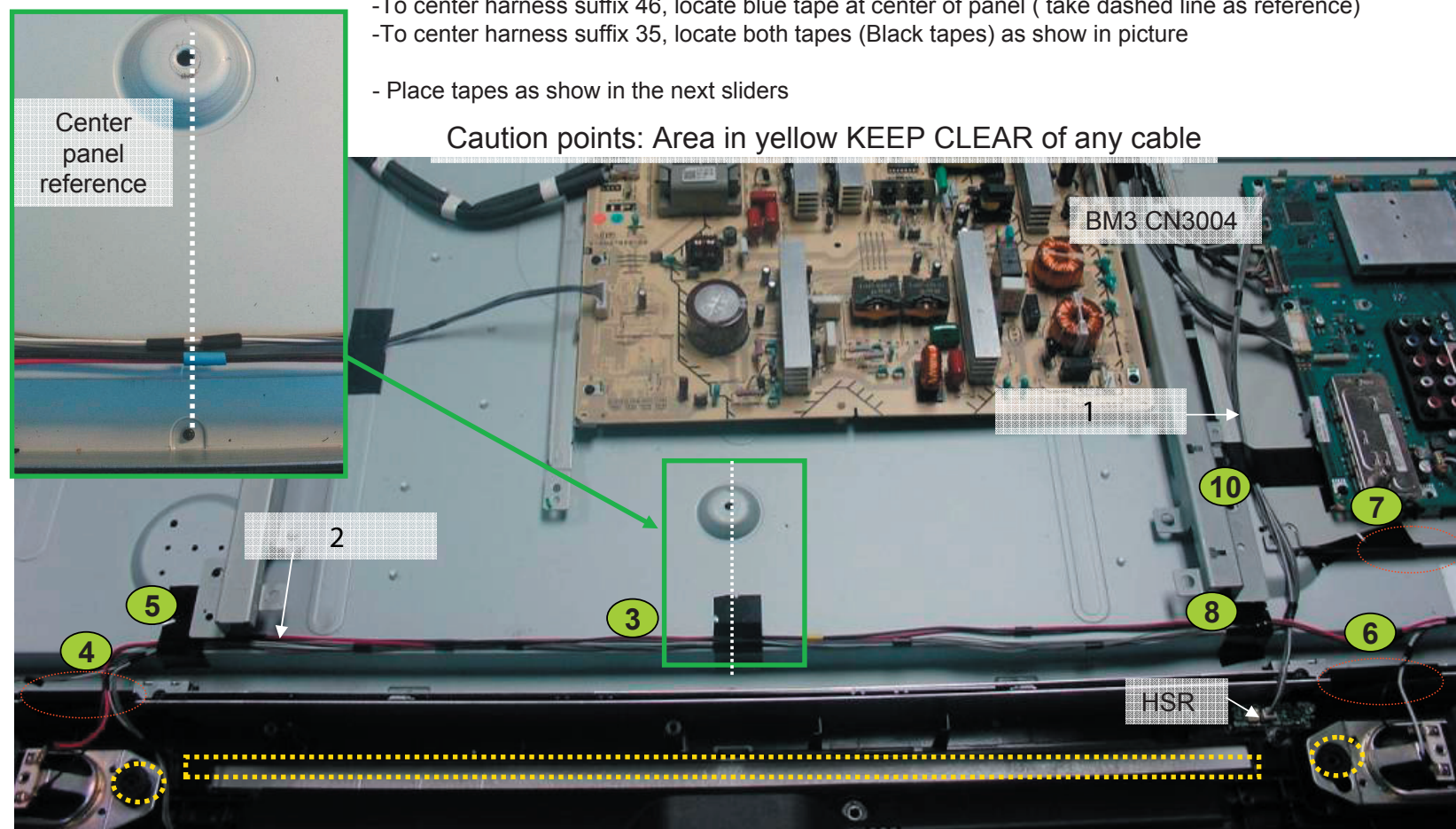
2 - Connect cable to left and right Speakers Terminal

-To center harness suffix 46, locate blue tape at center of panel (take dashed line as reference)






-To center harness suffix 35, locate both tapes (Black tapes) as show in picture

- Place tapes as show in the next sliders

Caution points: Area in yellow KEEP CLEAR of any cable



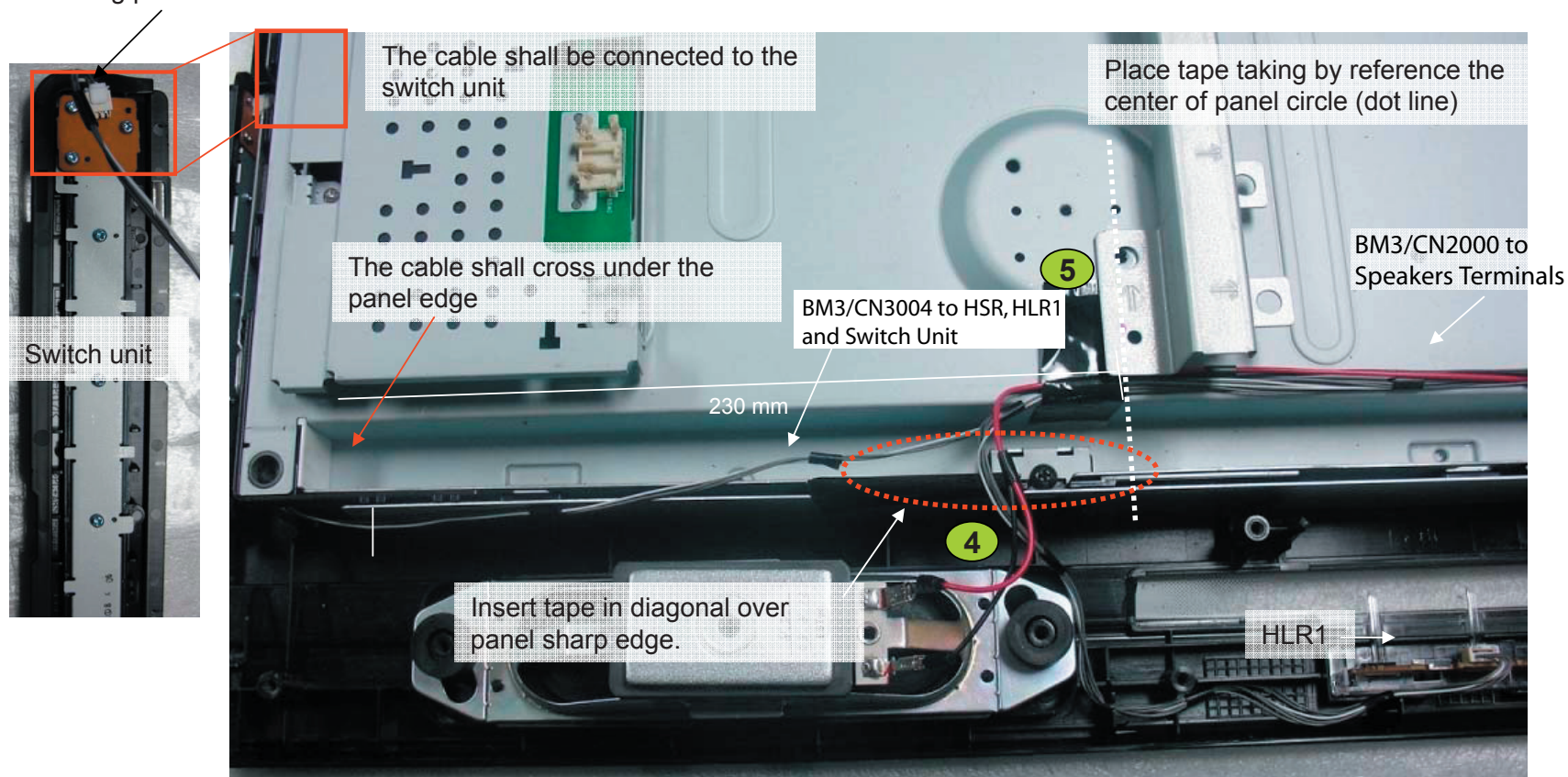
KDL-46S5100 ONLY**LEGEND**

Qty	Description	Symbol in dressing document
2	T clamp	
1	Screw Clamp	
11	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	






Cable → from BM3/CN3004 to HSR, HLR1 and Switch unit

Cable → from BM3/CN2000 to Speakers terminals

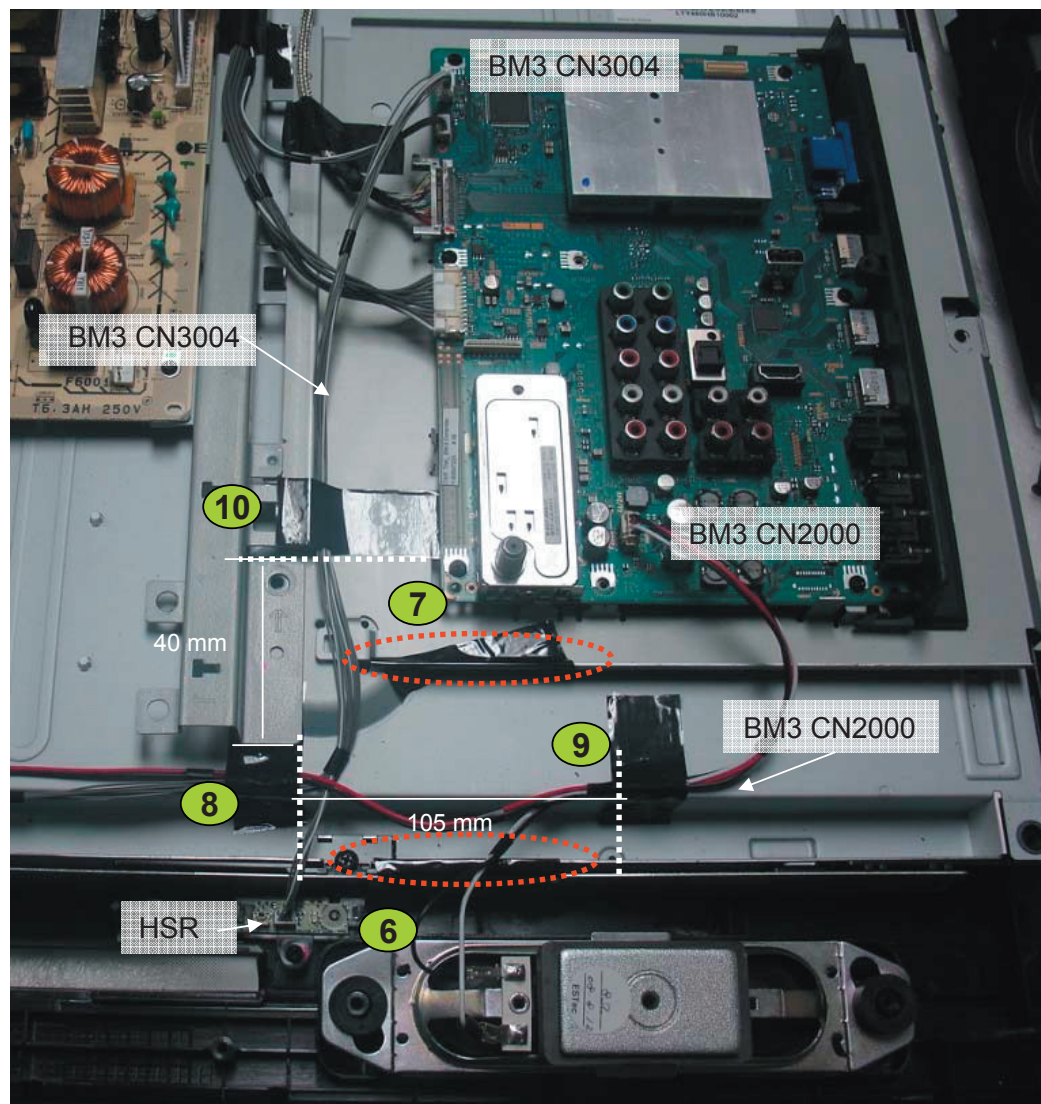
Caution point: Don't stress the cable, while the switch unit is being placed



KDL-46S5100 ONLY**LEGEND**

Qty	Description	Symbol in dressing document
2	T clamp	
1	Screw Clamp	
11	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	

Cable → from BM3/CN3004 to HSR, HLR1 and Switch unit
 Cable → from BM3/CN2000 to Speakers terminals



Indications :






-Add tape **6** and **7** in diagonal over the panel and main bracket sharp edges

-Insert tape **8** to the left of the reference (dot line)

-Add tape **9** taking by reference the right side of the dash line

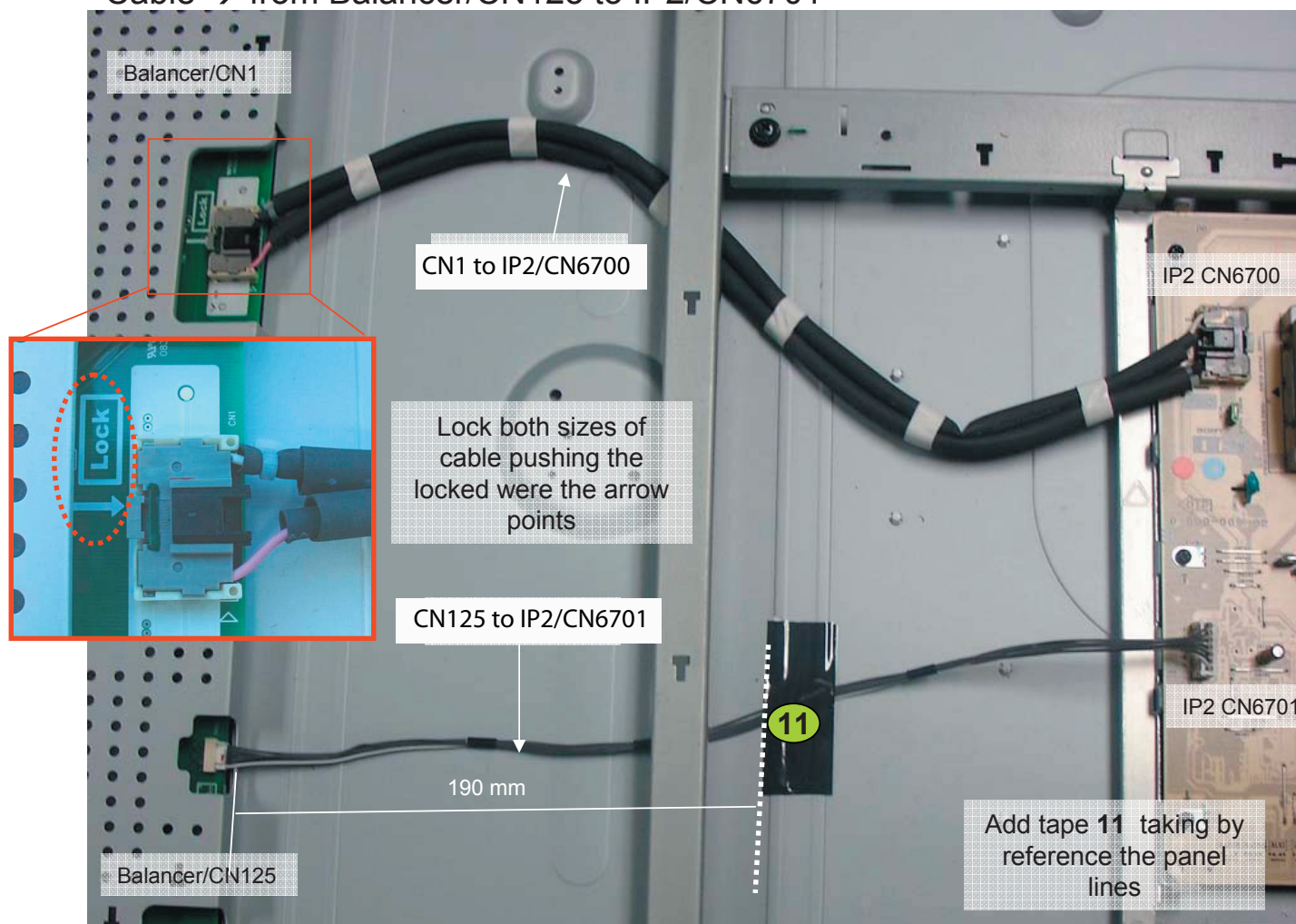
-Insert tape **10** on top of reference dash line

KDL-46S5100 ONLY**LEGEND**

Qty	Description	Symbol in dressing document
2	T clamp	
1	Screw Clamp	
11	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	

Cable → from Balancer/CN1 to IP2/CN6700






Cable → from Balancer/CN125 to IP2/CN6701

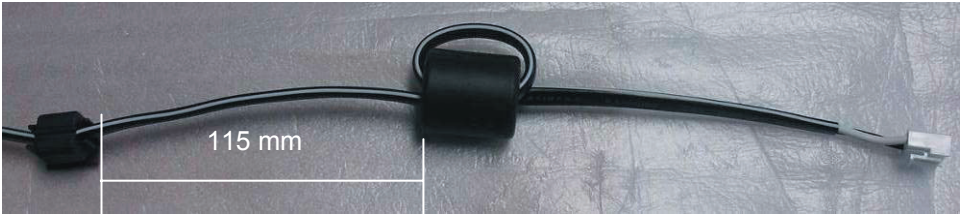
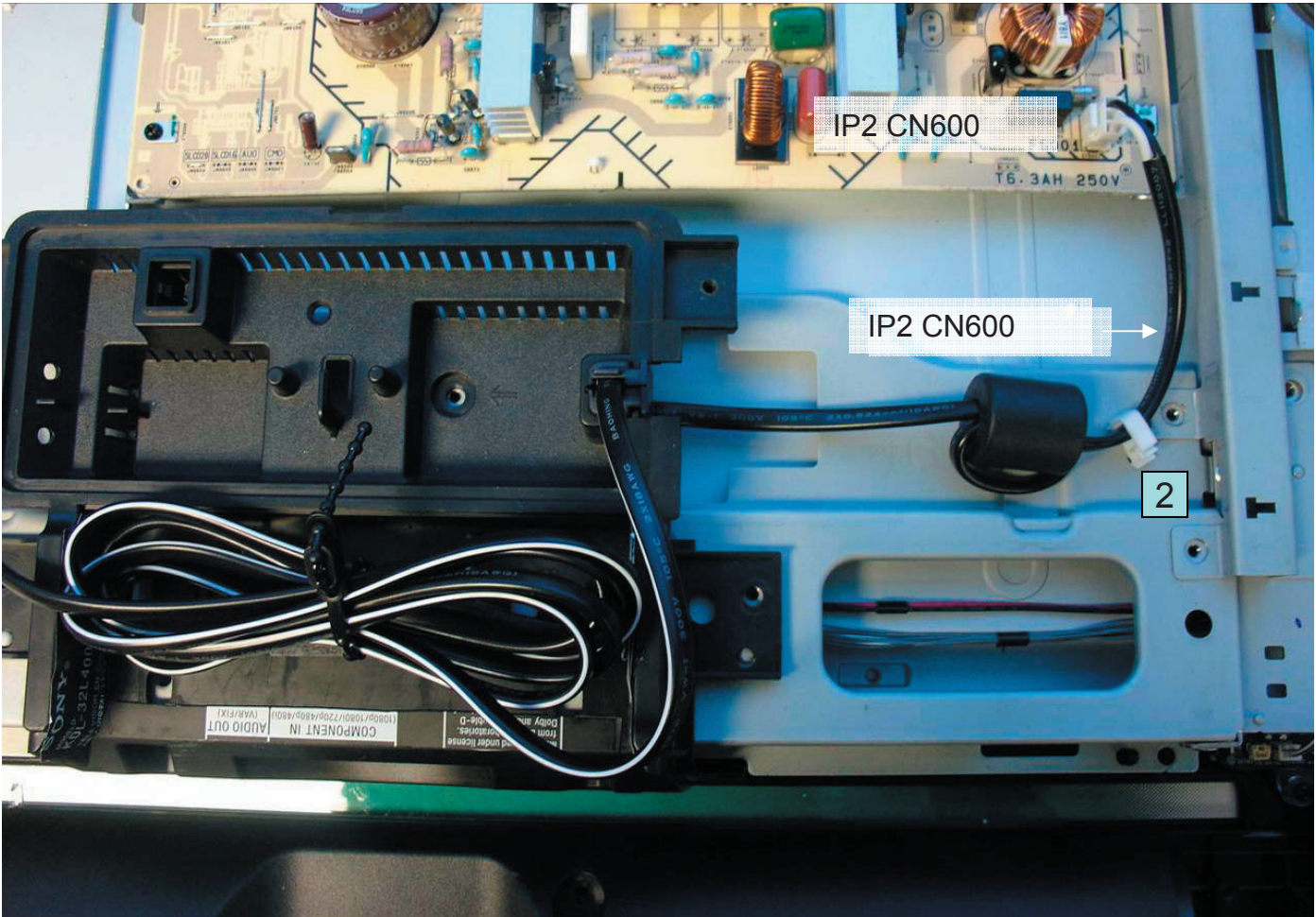


KDL-46S5100 ONLY

AC cord → IP2/CN600

LEGEND

Qty	Description	Symbol in dressing document
2	T clamp	
1	Screw Clamp	
11	Tape(No.8915) 25mmx60mm	
1	Cofab tape	
2	Gasket	



SECTION 2: SERVICE ADJUSTMENTS

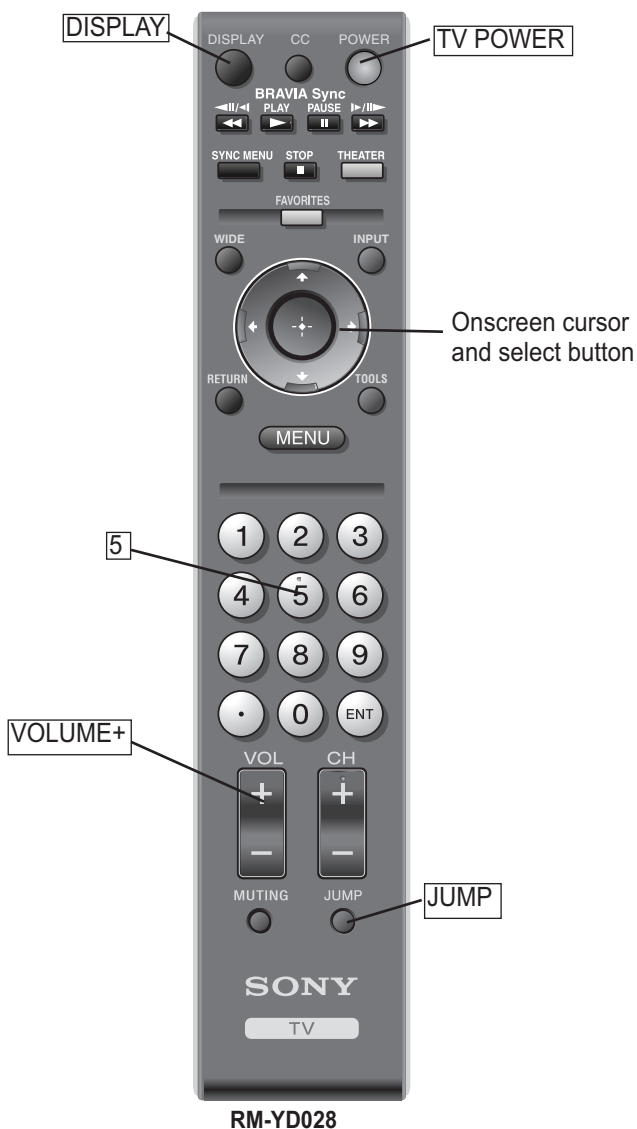
2-1. VIEWING SERVICE ADJUSTMENT DATA

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.

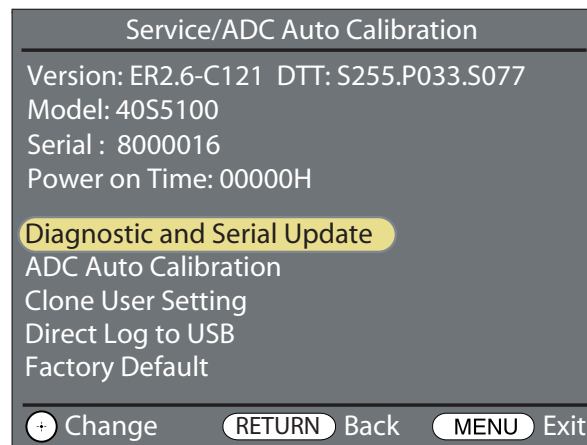
2-2. ACCESSING SERVICE MODE

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.



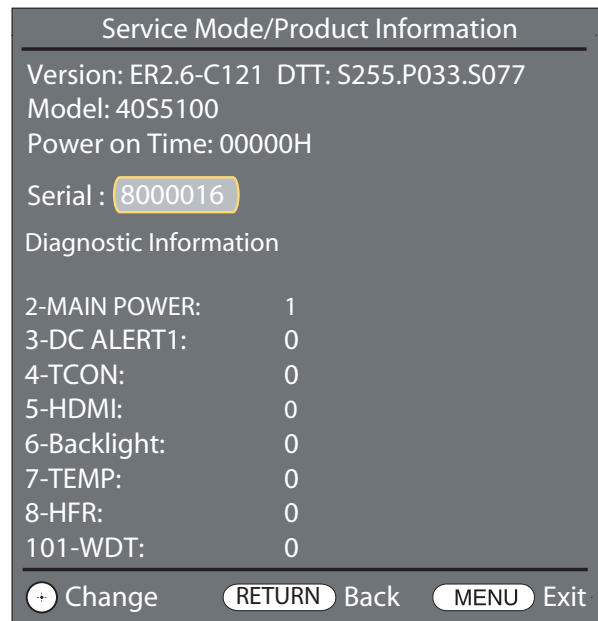
The BRAVIA logo displays momentarily, then the Service Mode list displays.



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.

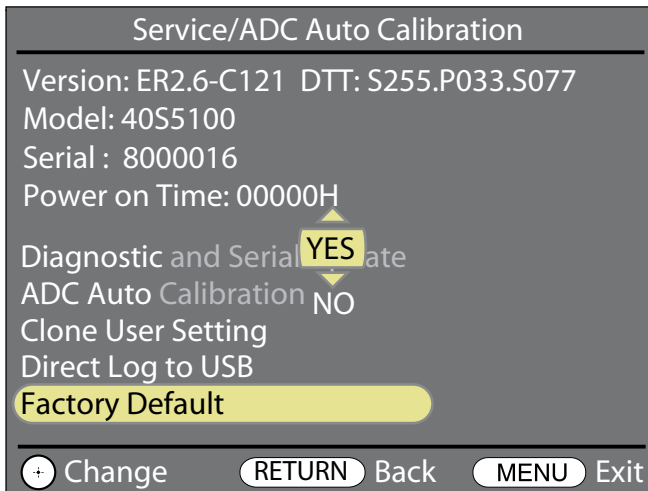
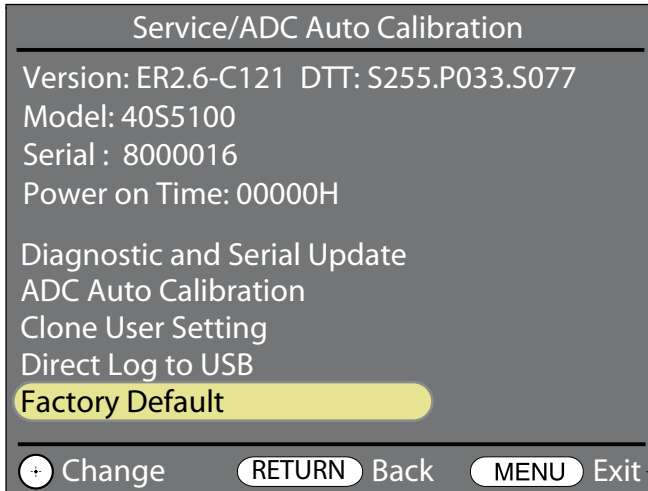
1. After accessing service mode, press **+** to display the Self Diagnostic list.




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. RESETTNG TO FACTORY DEFAULTS

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

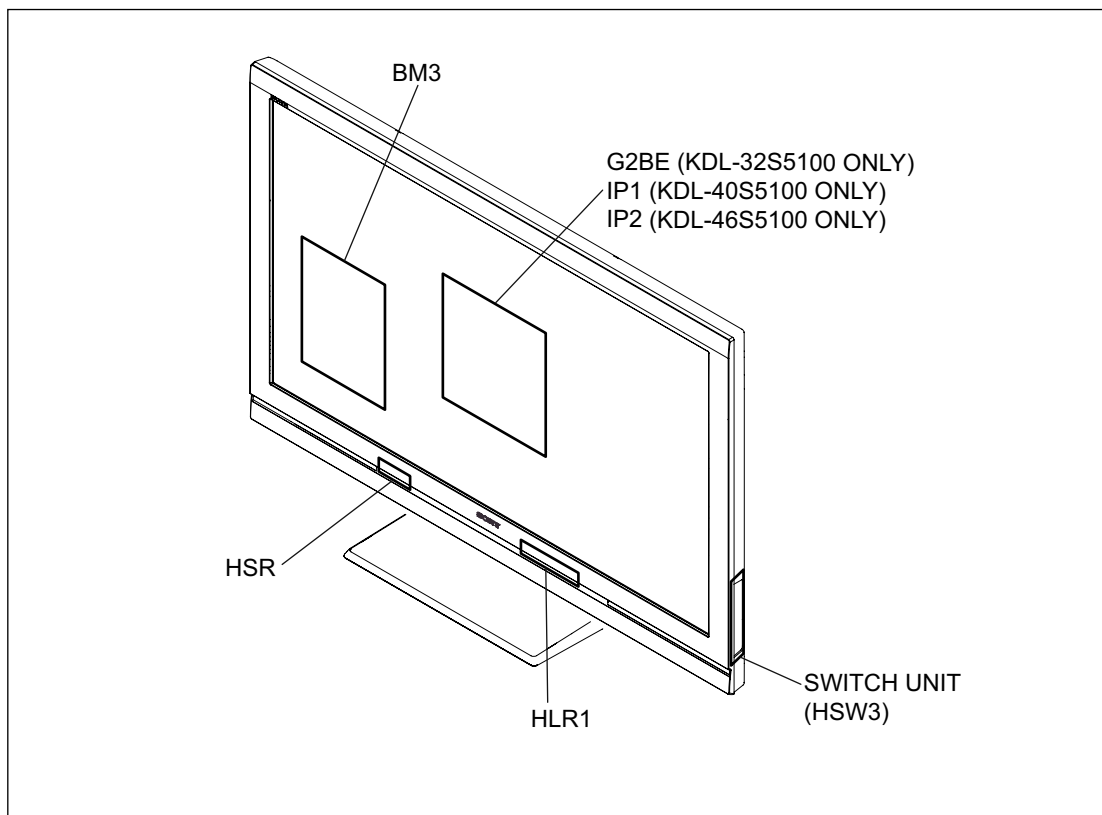


2. To reset to Factory Defaults, press  then follow the on-screen instructions.
3. After selecting the language preference the on-screen display indicates to "select the type of use for this TV." **Home must be selected for optimal picture performance in the customers home.**
4. Continue following the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

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 50WV or less are not indicated except for electrolytics and tantalums.

All electrolytics are in 50V unless otherwise specified.

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

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

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

$\frac{1}{4}\text{W}$ 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 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 : MPS METALIZED POLYESTER

: RS NONFLAMMABLE METAL OXIDE : MPP METALIZED POLYPROPYLENE

: RB NONFLAMMABLE CEMENT : ALB BIPOLAR

: ※ ADJUSTMENT RESISTOR : ALT HIGH TEMPERATURE

CAPACITOR

: TA TANTALUM

: PS STYROL

: PP POLYPROPYLENE

: PT MYLAR

: MPS METALIZED POLYESTER

: MPP METALIZED POLYPROPYLENE

: ALB BIPOLAR

: ALT HIGH TEMPERATURE

: ALR HIGH RIPPLE

COIL

: LF-8L MICRO INDUCTOR

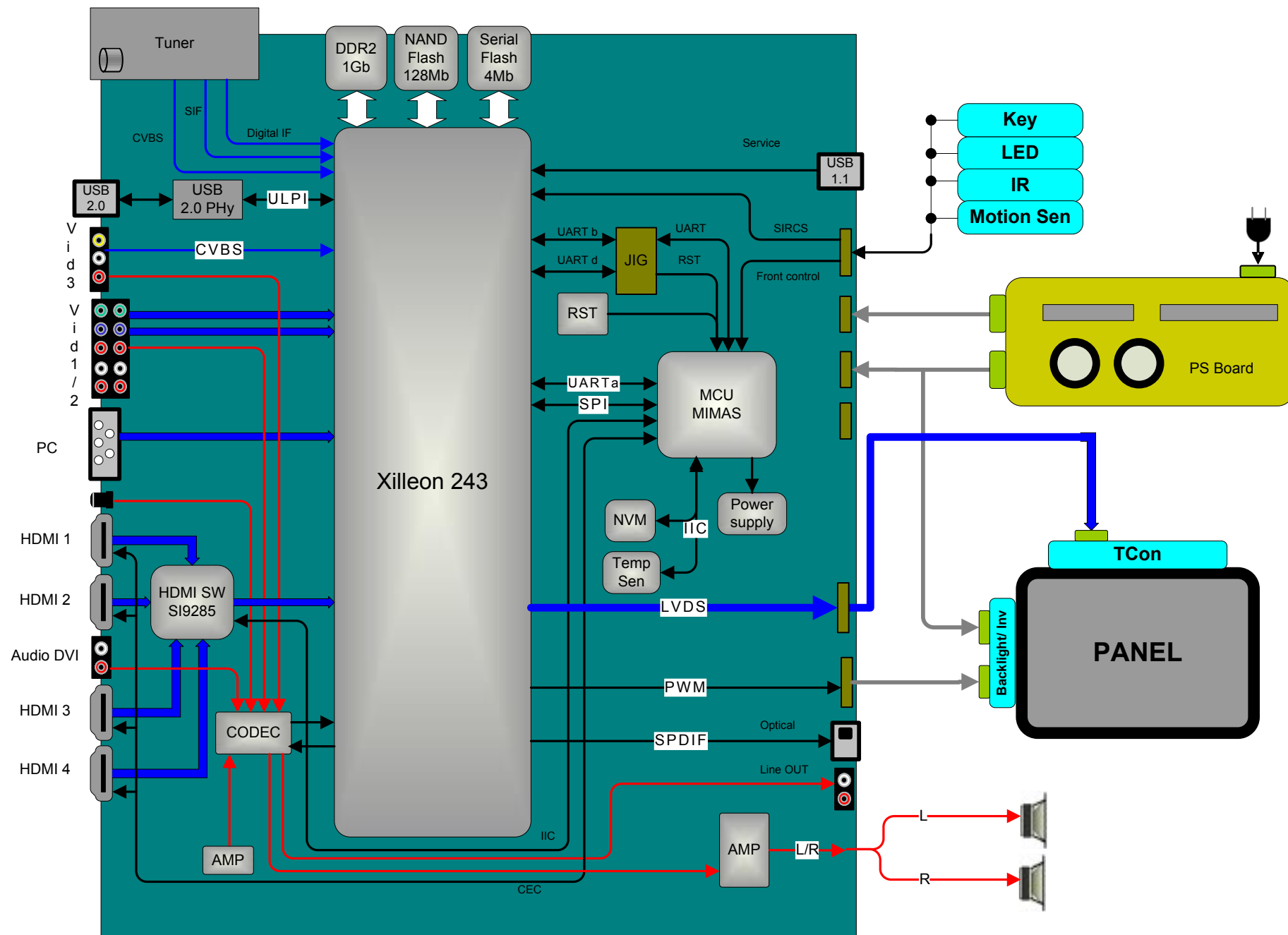
Terminal name of semiconductors in silk screen
printed circuit (※)

	Device	Printed symbol	Terminal name	Circuit
1	Transistor		Collector Base Emitter	
2	Transistor		Collector Base Emitter	
3	Diode		Cathode Anode	
4	Diode		Cathode Anode (NC)	
5	Diode		Cathode Anode (NC)	
6	Diode		Common Anode Cathode	
7	Diode		Common Anode Cathode	
8	Diode		Common Anode Anode	
9	Diode		Common Anode Anode	
0	Diode		Common Cathode Cathode	
!i	Diode		Common Cathode Cathode	
!TM	Diode		Anode Anode Cathode 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	
@ı	Transistor		E2 B1 E1 C2 C1(B2)	
@TM	Transistor		(B2) B1 E1 E2 C1 C2	
@£	Transistor		(B2) E2 E1 B1 C2 C1	
—	Discrete semiconductot			

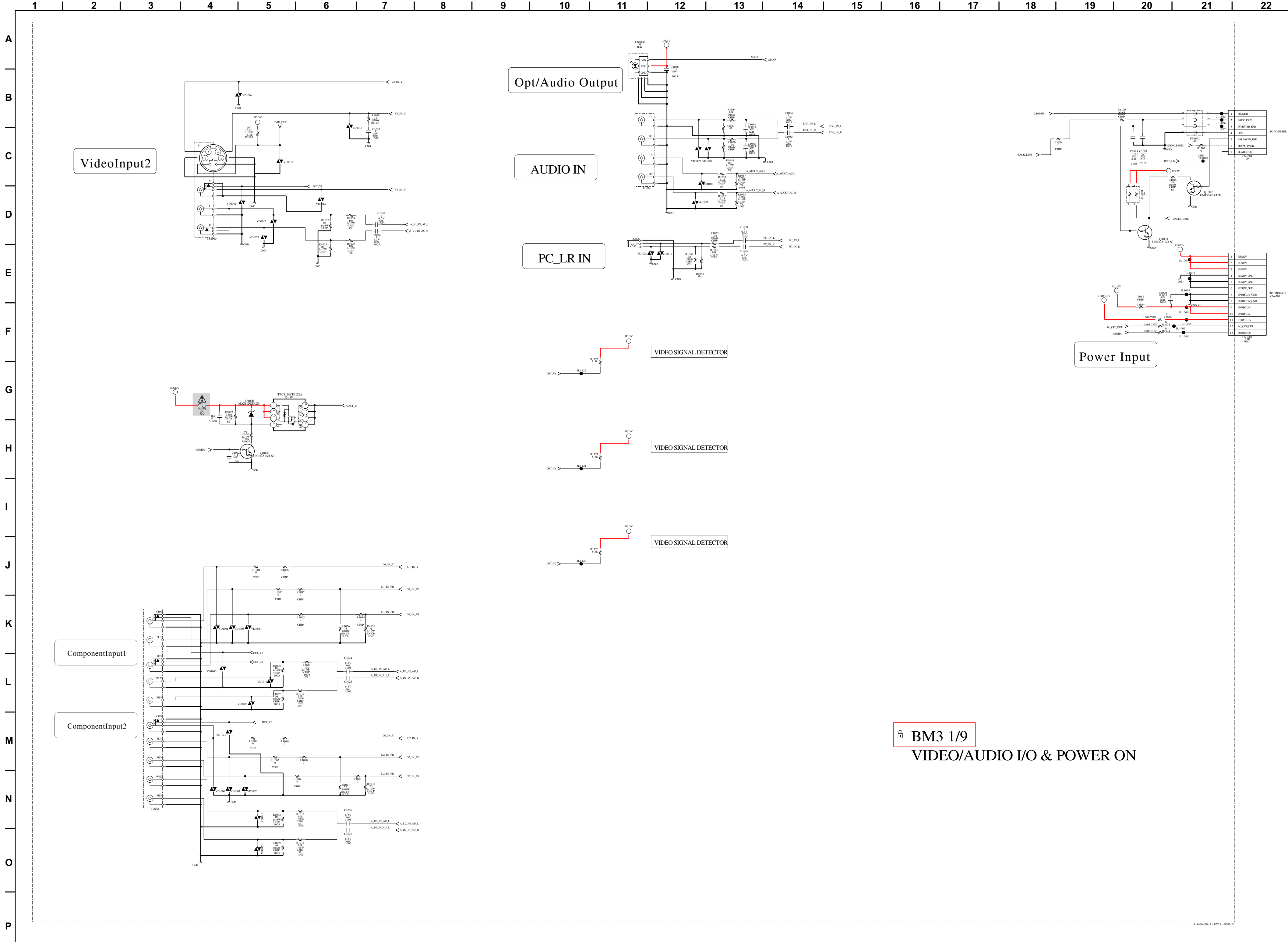
(Chip semiconductors that are not actually used are included.)

Ver.1.6

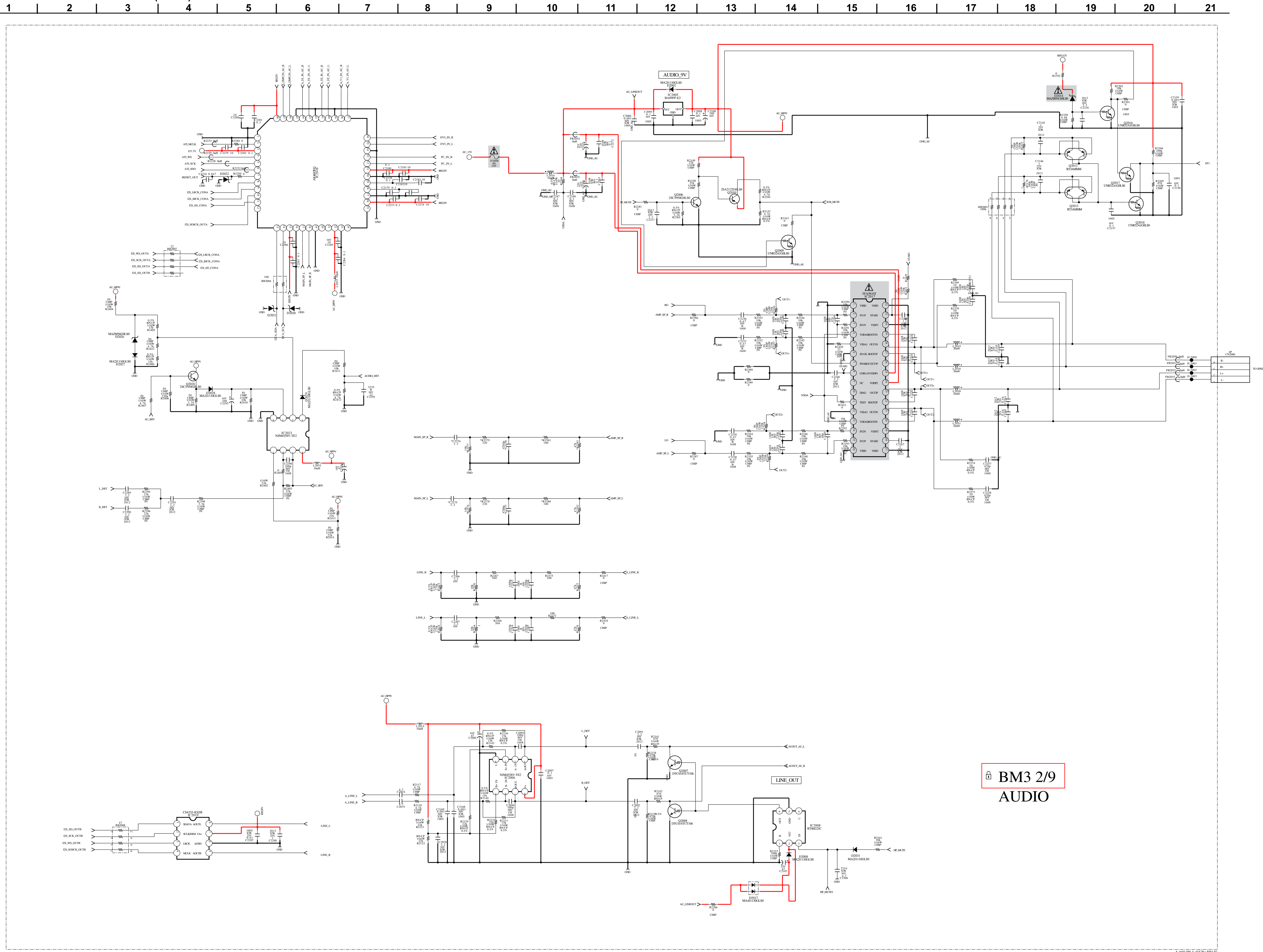
3-3. BLOCK DIAGRAM



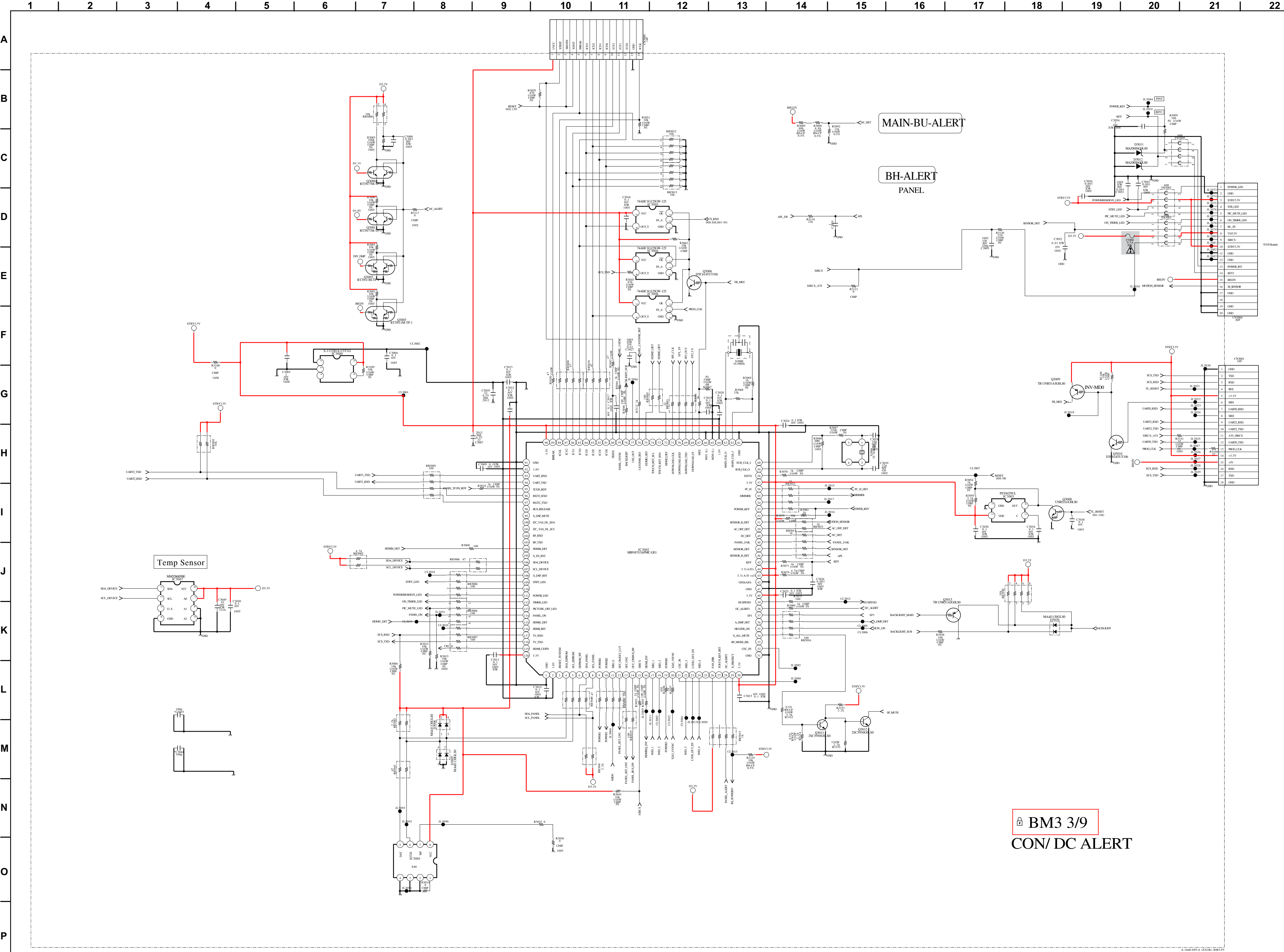
3-4. SCHEMATICS AND SUPPORTING INFORMATION
BM3 BOARD SCHEMATIC DIAGRAM (1 OF 9)



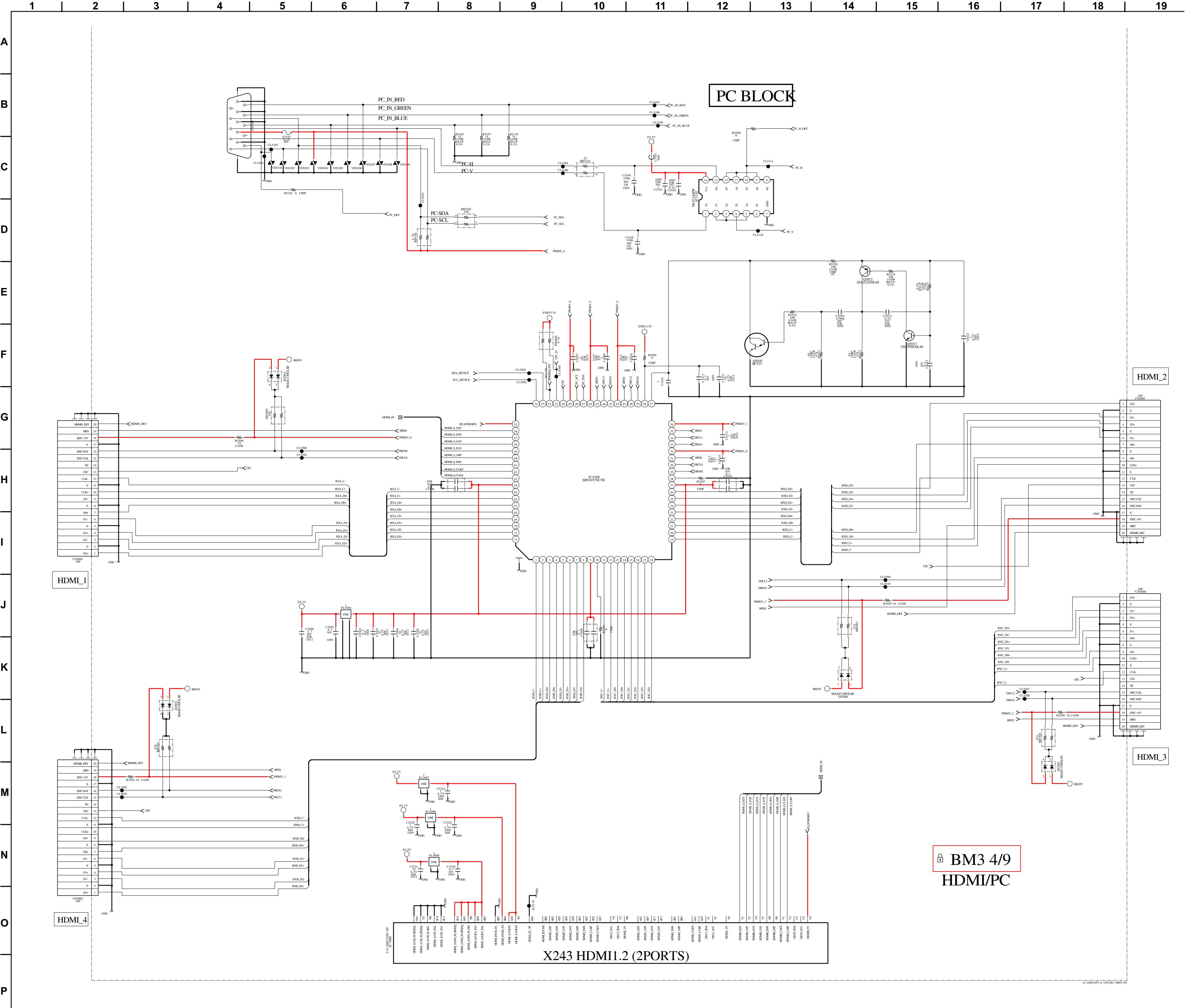
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BM3 BOARD SCHEMATIC DIAGRAM (3 OF 9)



BM3 BOARD SCHEMATIC DIAGRAM (4 OF 9)

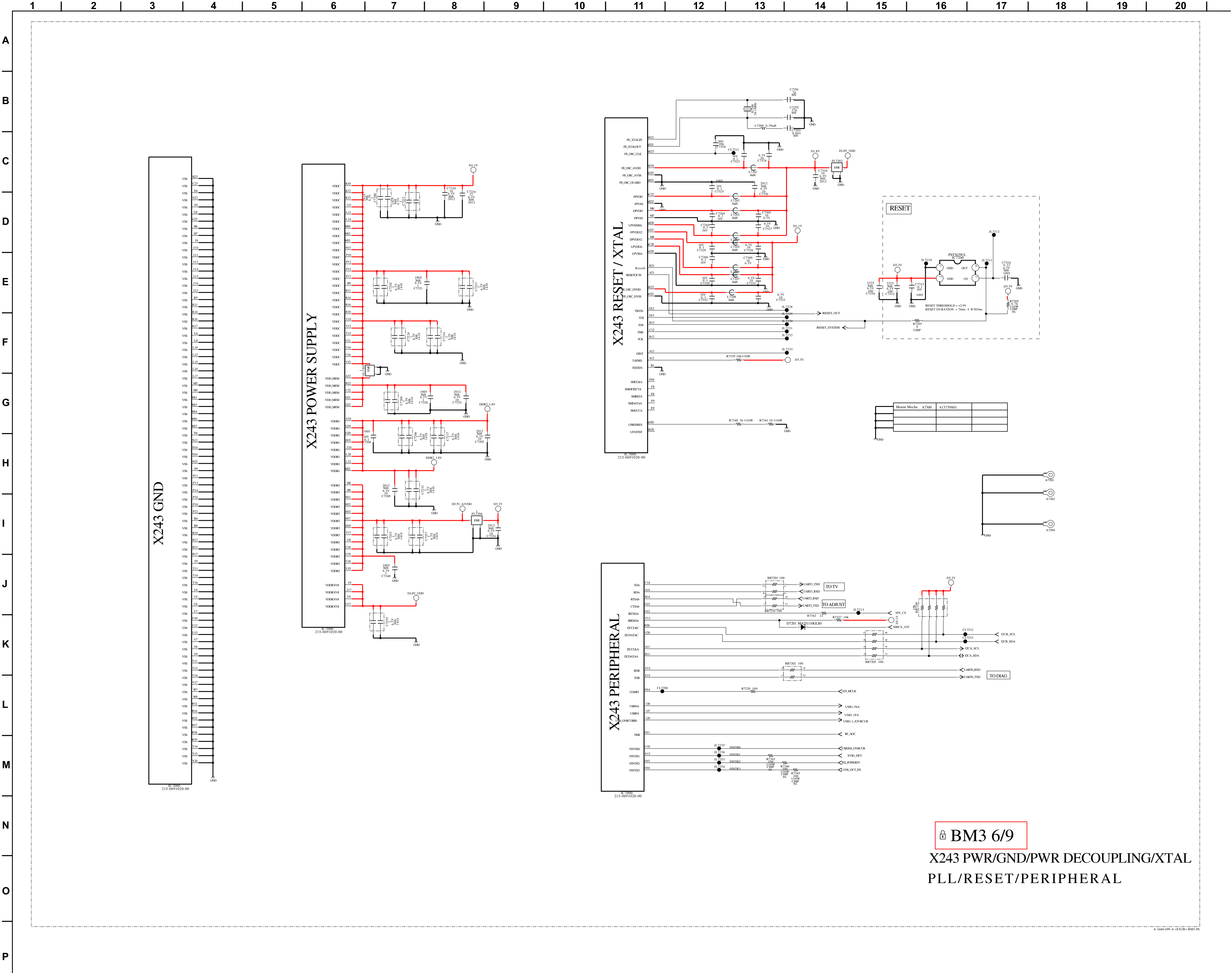


BM3 5/9

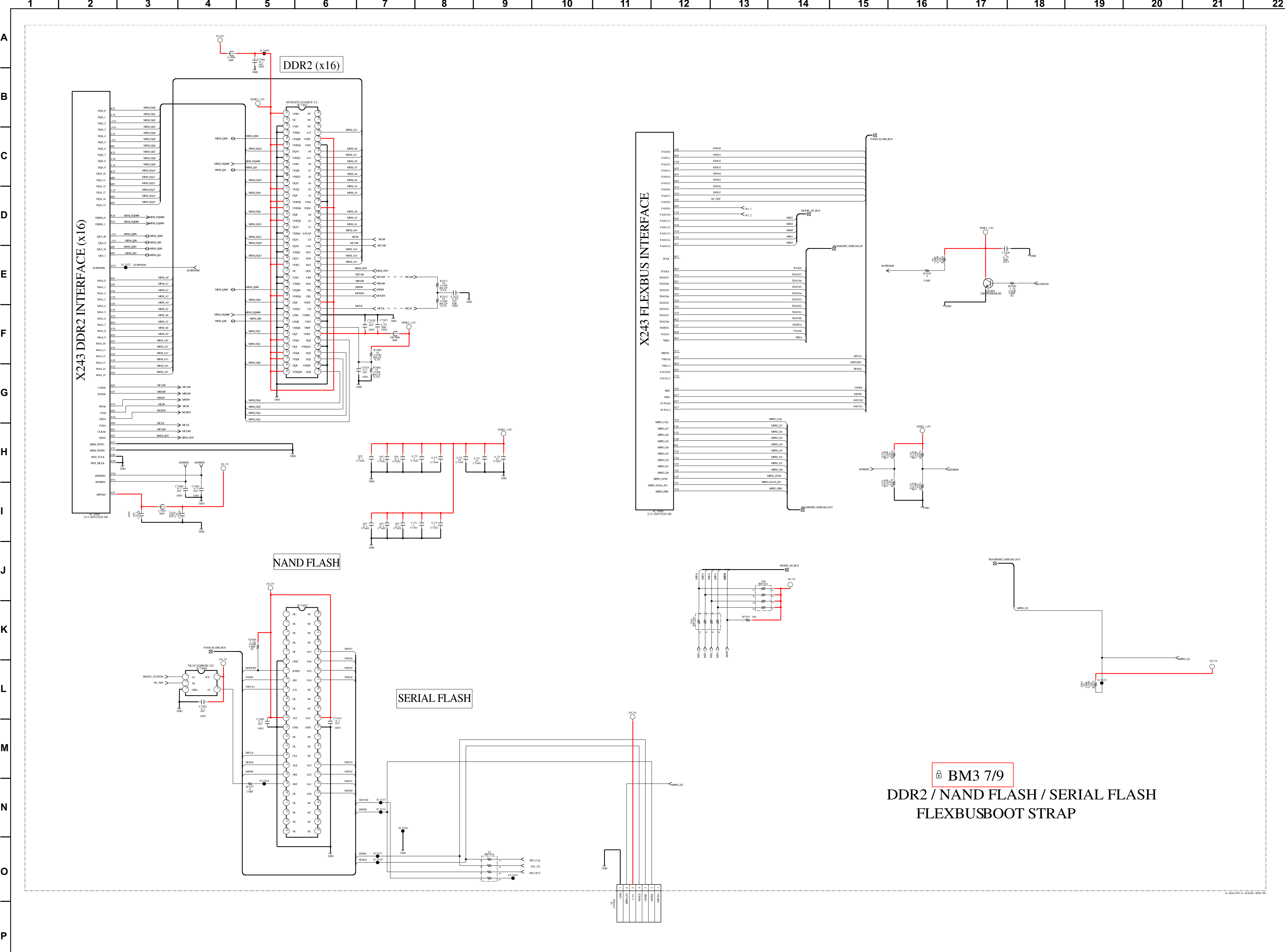
POWER SUPPLY / LVDS



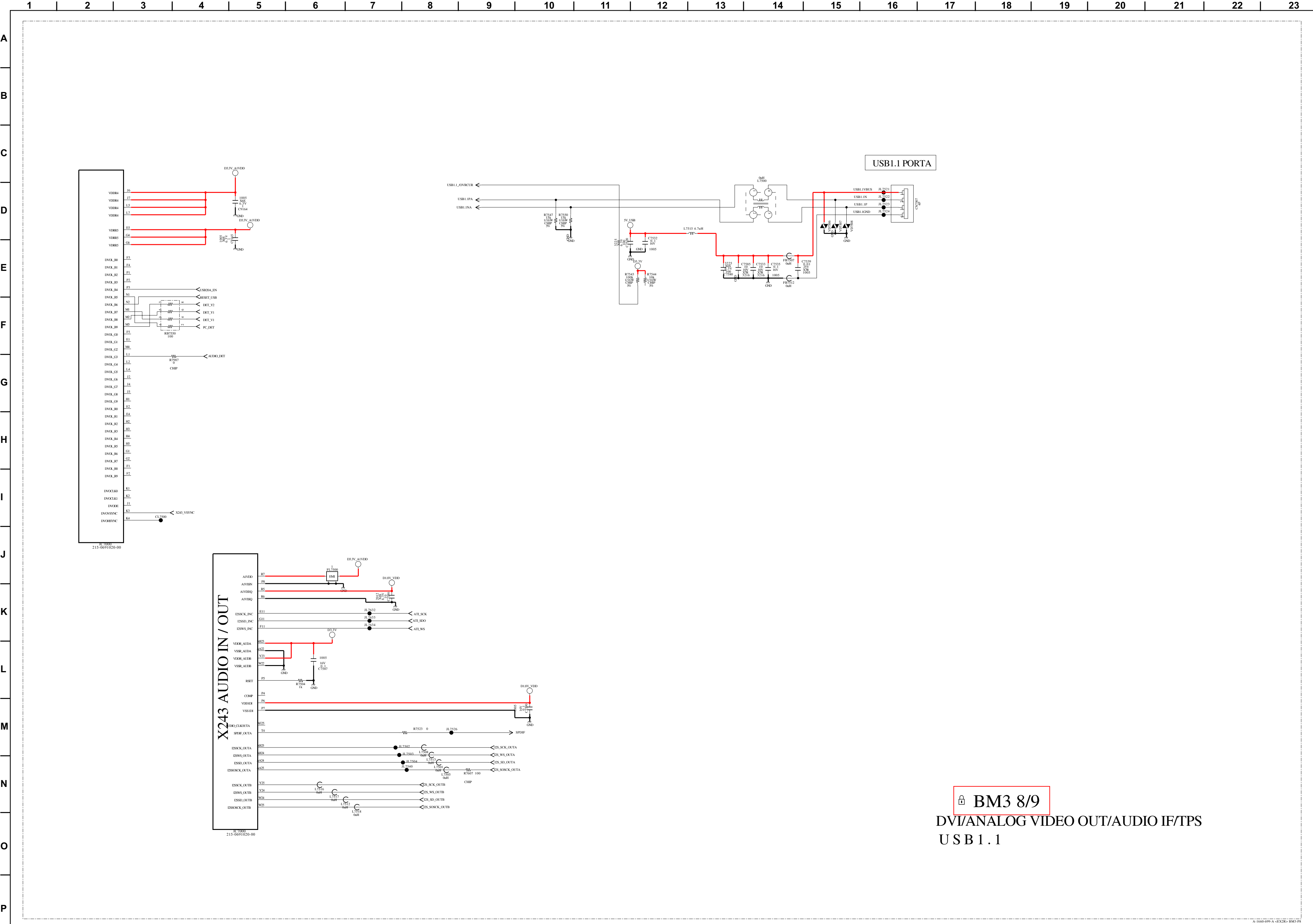
BM3 BOARD SCHEMATIC DIAGRAM (6 OF 9)



BM3 BOARD SCHEMATIC DIAGRAM (7 OF 9)



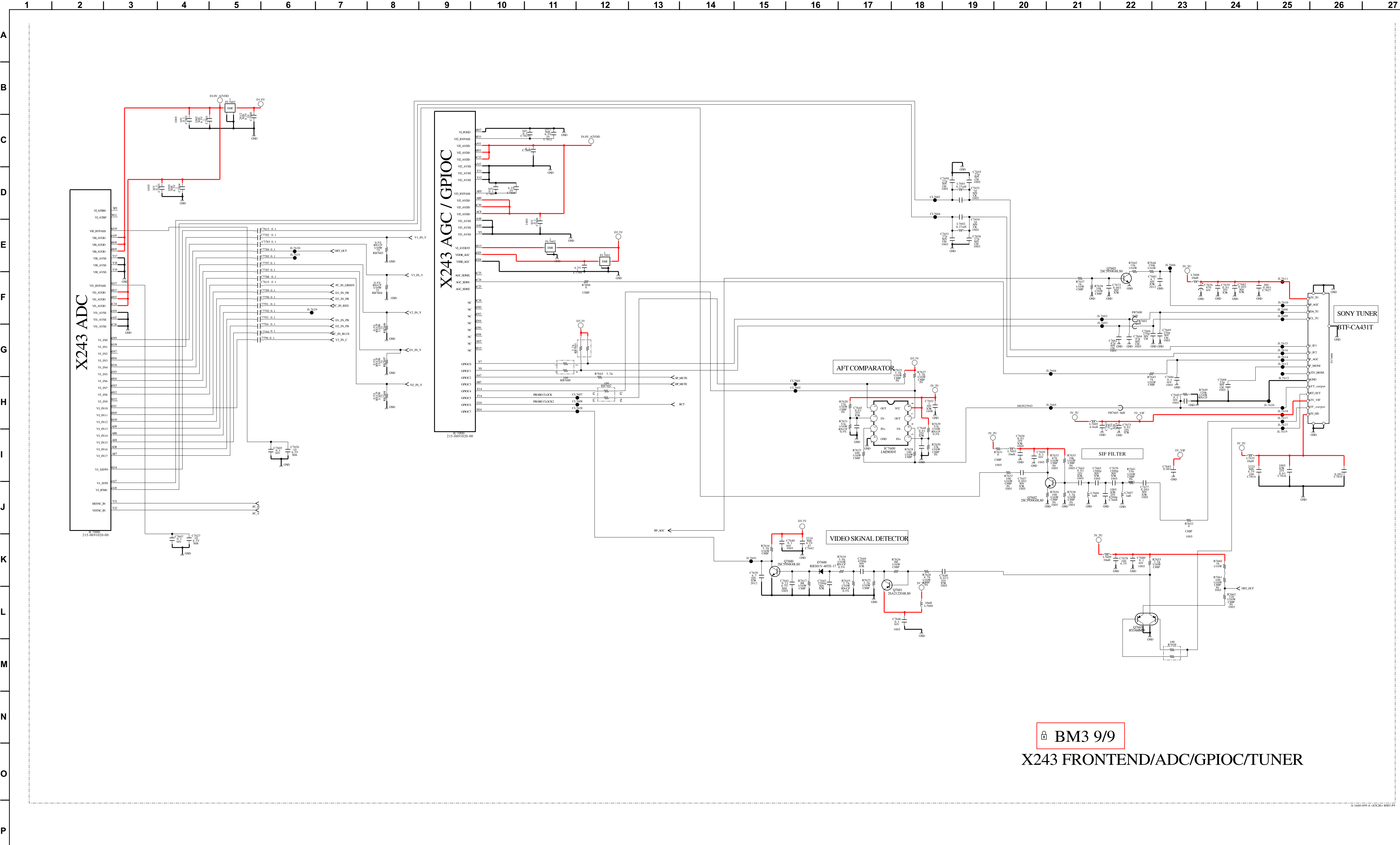
BM3 BOARD SCHEMATIC DIAGRAM (8 OF 9)



BM3 8/9

DVI/ANALOG VIDEO OUT/AUDIO IF/TPS
USB 1.1

BM3 BOARD SCHEMATIC DIAGRAM (9 OF 9)



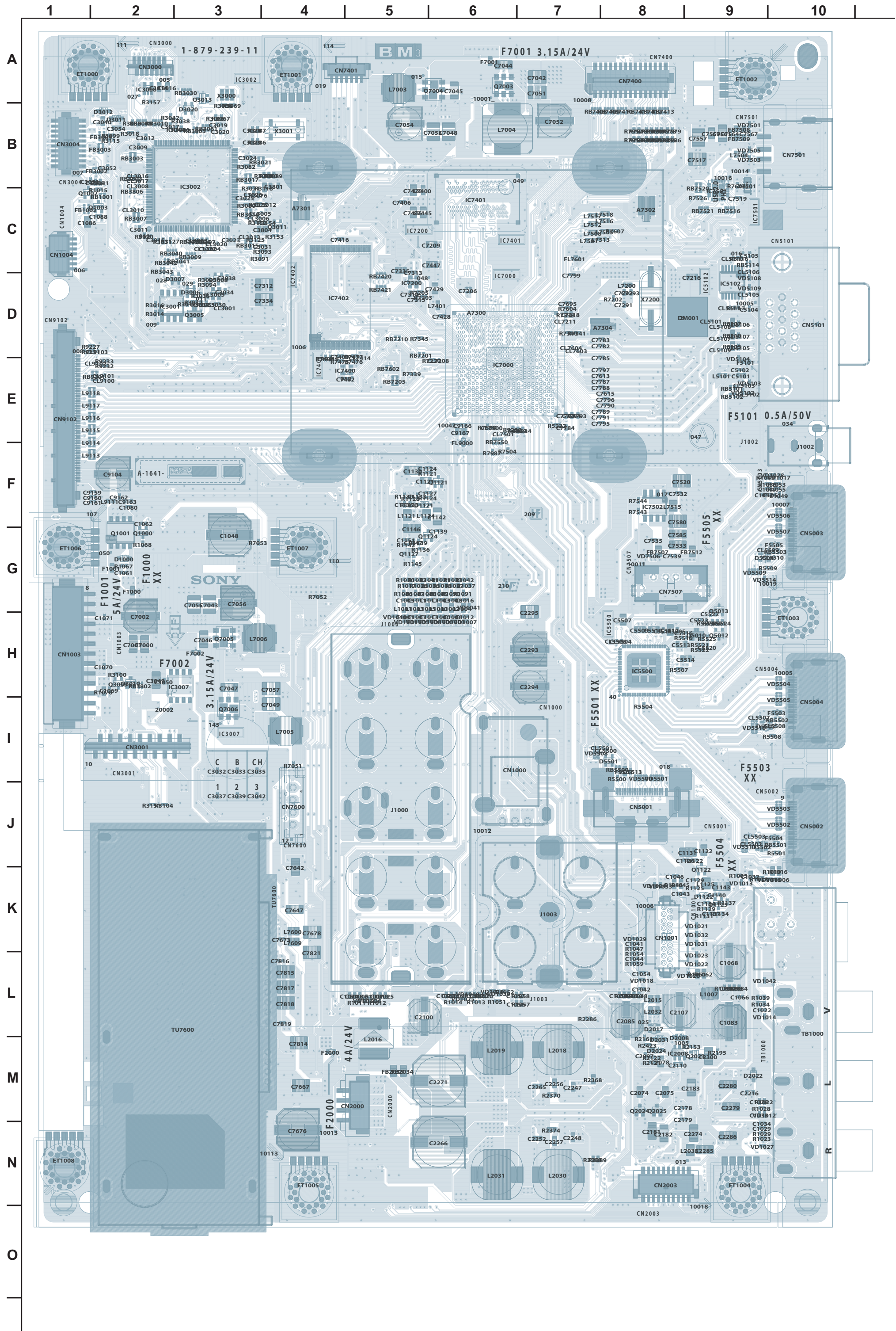
BM3 9/9

X243 FRONTEND/ADC/GPIOC/TUNER

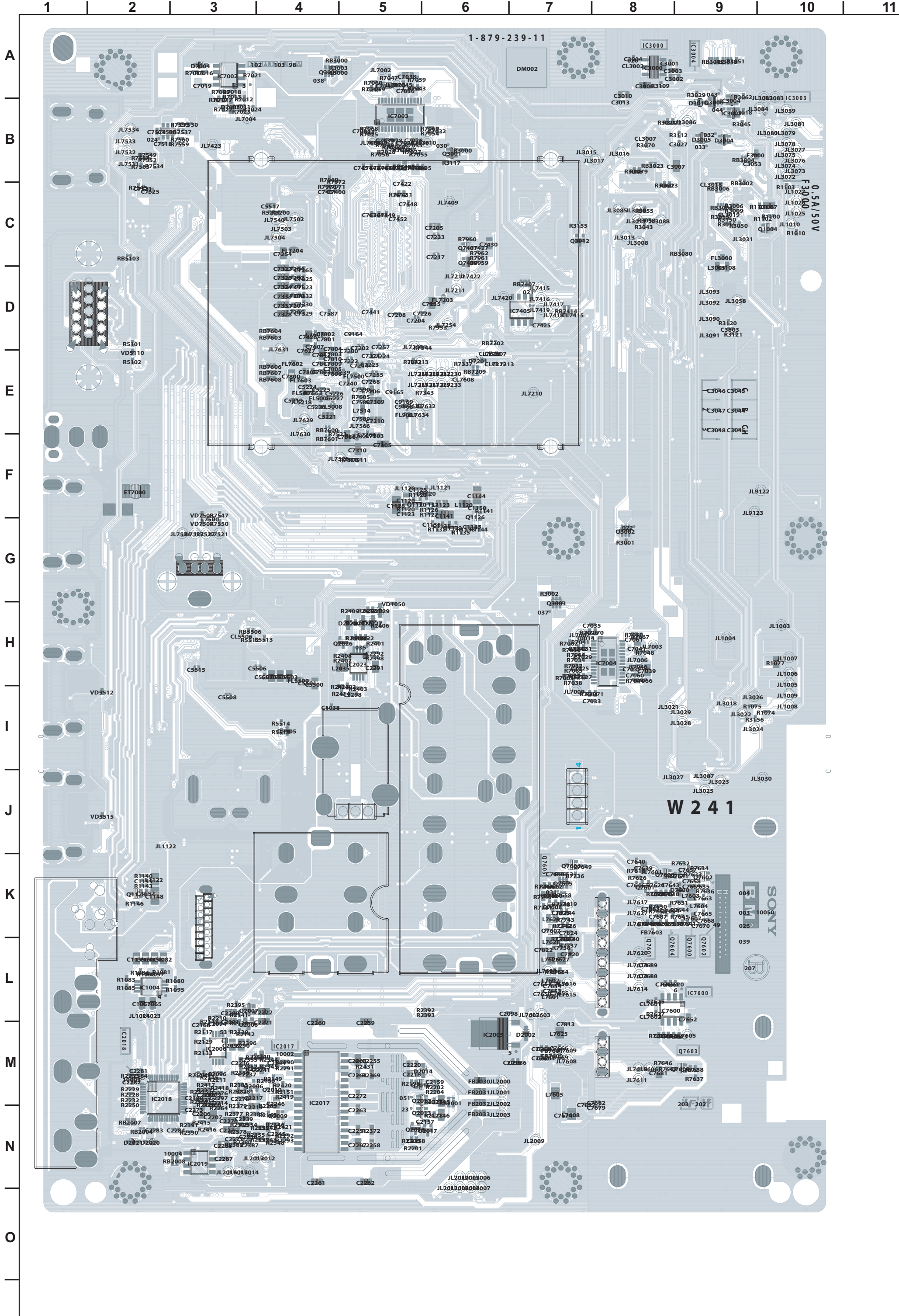
BM3

VIDEO/AUDIO I/O & POWER ON, AUDIO, CON/DC ALERT, HDMI/PC, POWER SUPPLY/LVDS, X243 PWR/GND/PWR DECOUPLING/XTAL, PLL/RESET/PERIPHERAL, DDR2/NAND FLASH/SERIAL FLASH, FLEXBUS/BOOT STRAP, DVI/ANALOG VIDEO OUT/AUDIO IF/TPS, USB 1.1, X243 FRONTEND/ADC/GPIOC/TUNER)

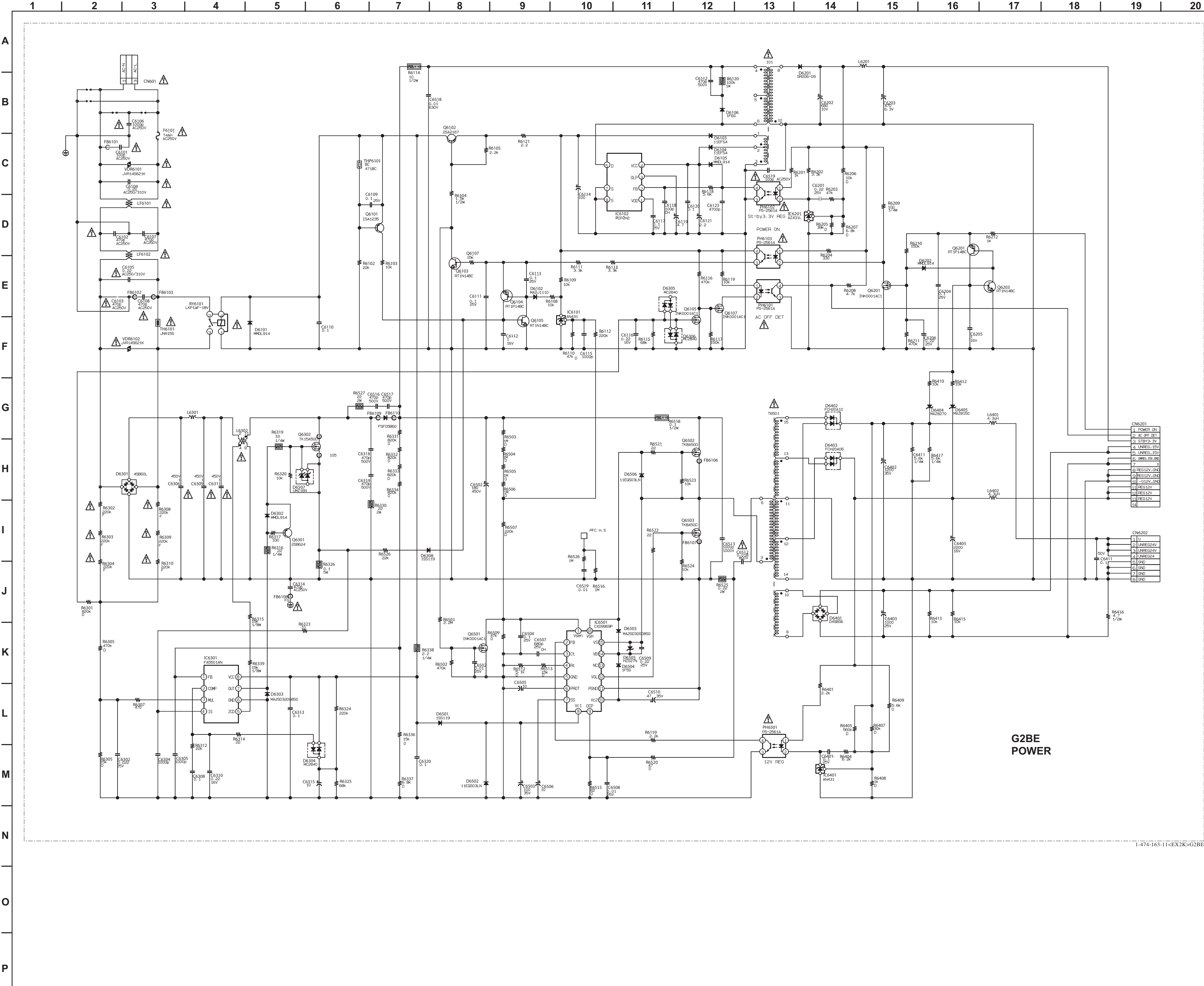
COMPONENT SIDE



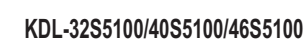
CONDUCTOR SIDE



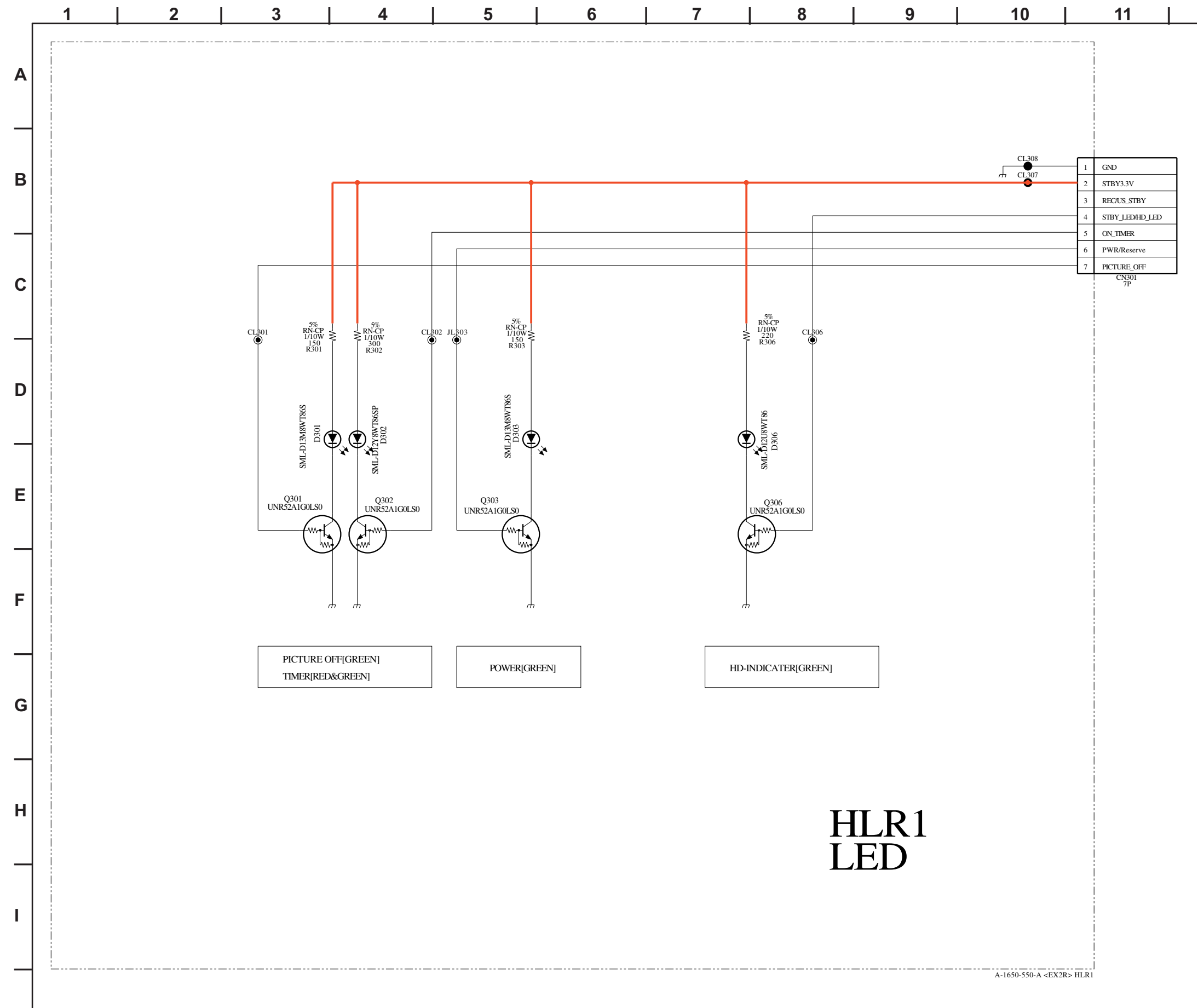
G2BE BOARD SCHEMATIC DIAGRAM (KDL-32S5100 ONLY)



1-474-163-11cEX2K>G2BE



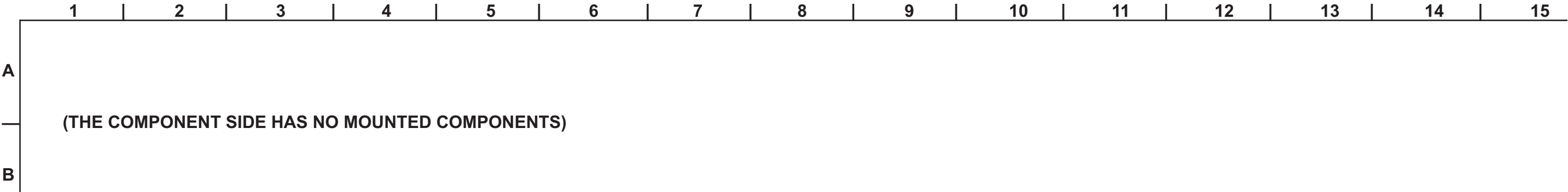
HLR1 BOARD SCHEMATIC DIAGRAM



HLR1

[LED]

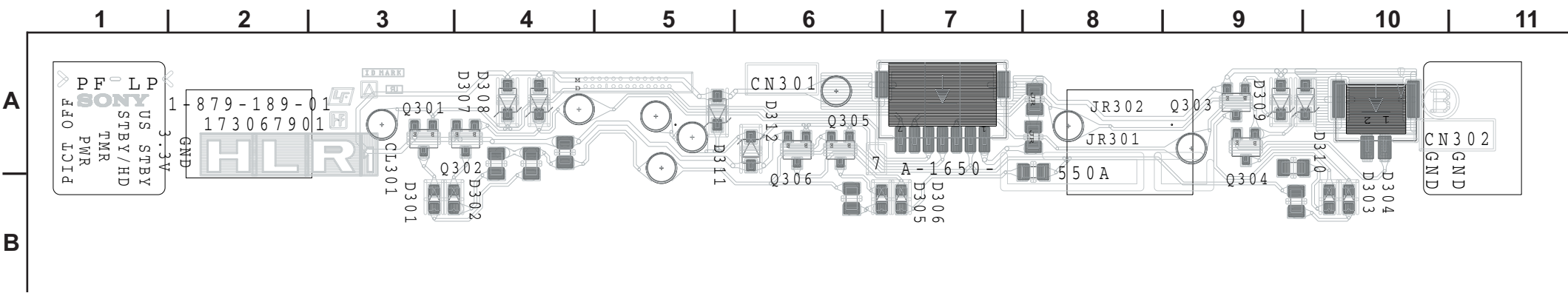
COMPONENT SIDE



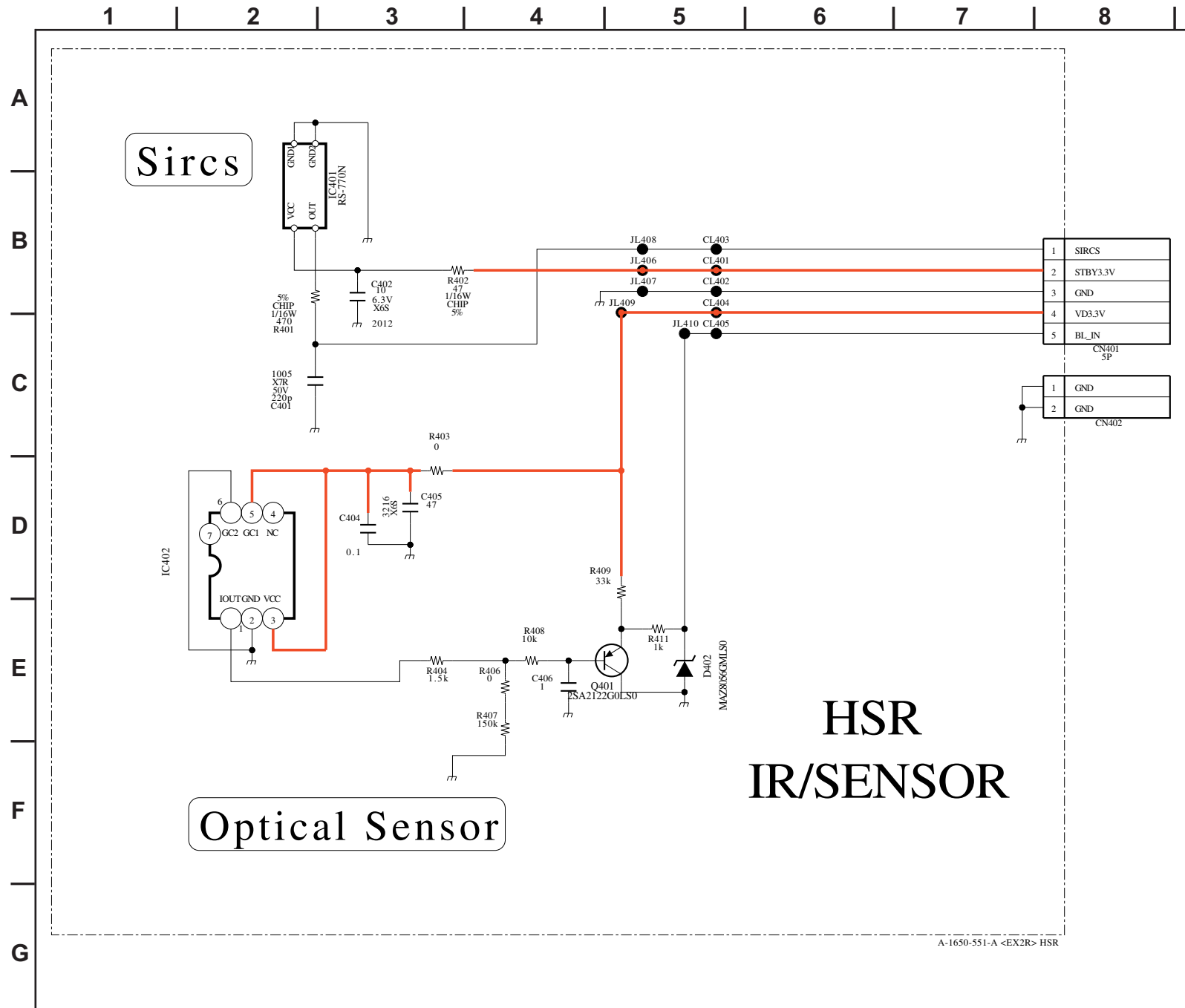
HLR1

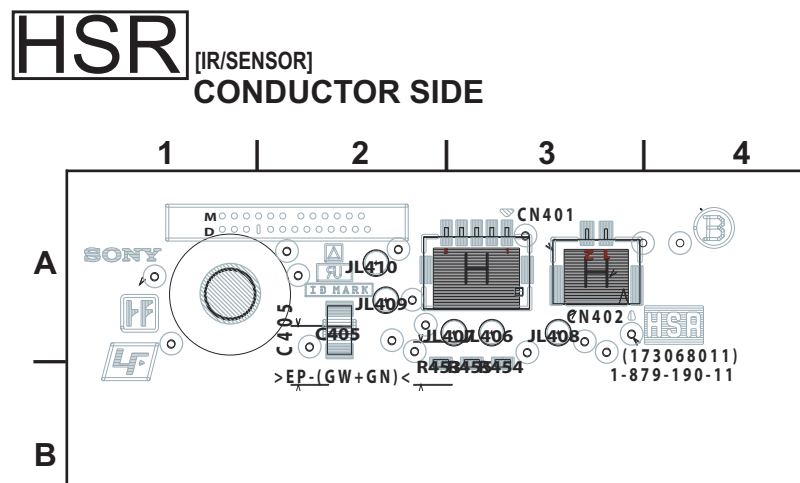
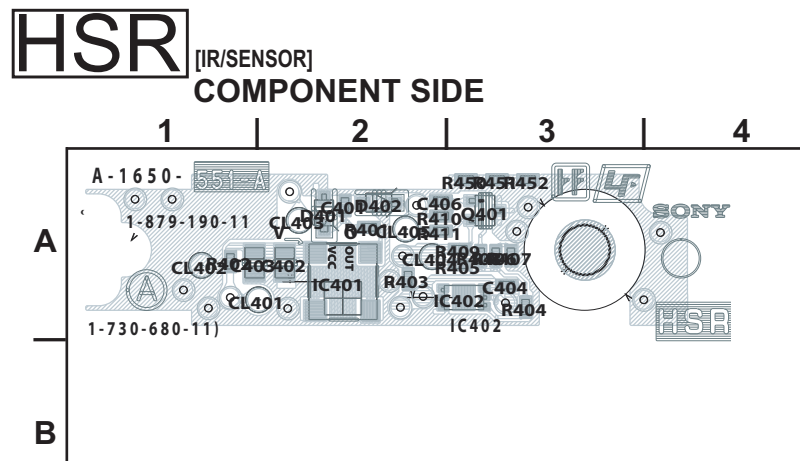
[LED]

CONDUCTOR SIDE

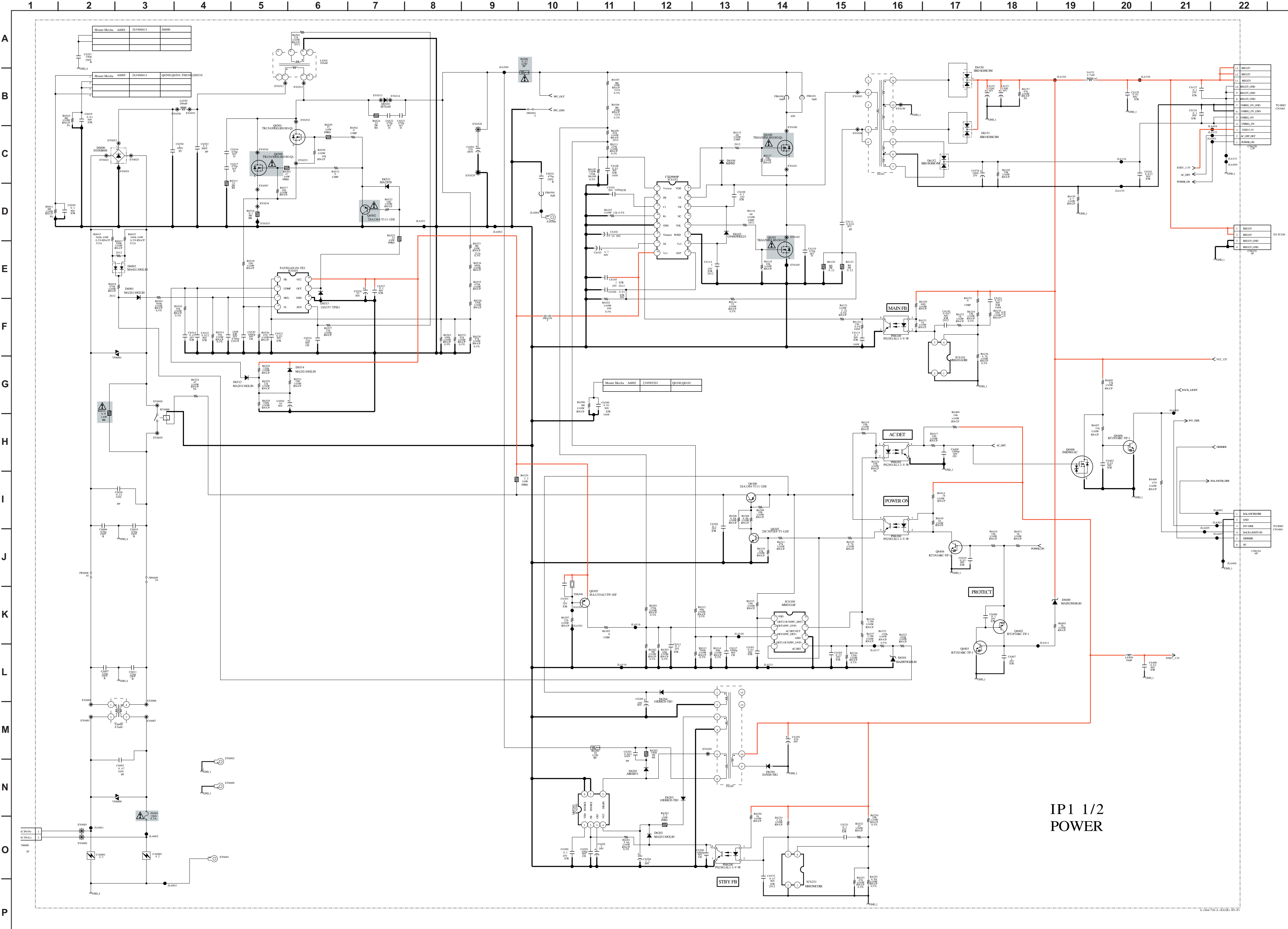


HSR BOARD SCHEMATIC DIAGRAM

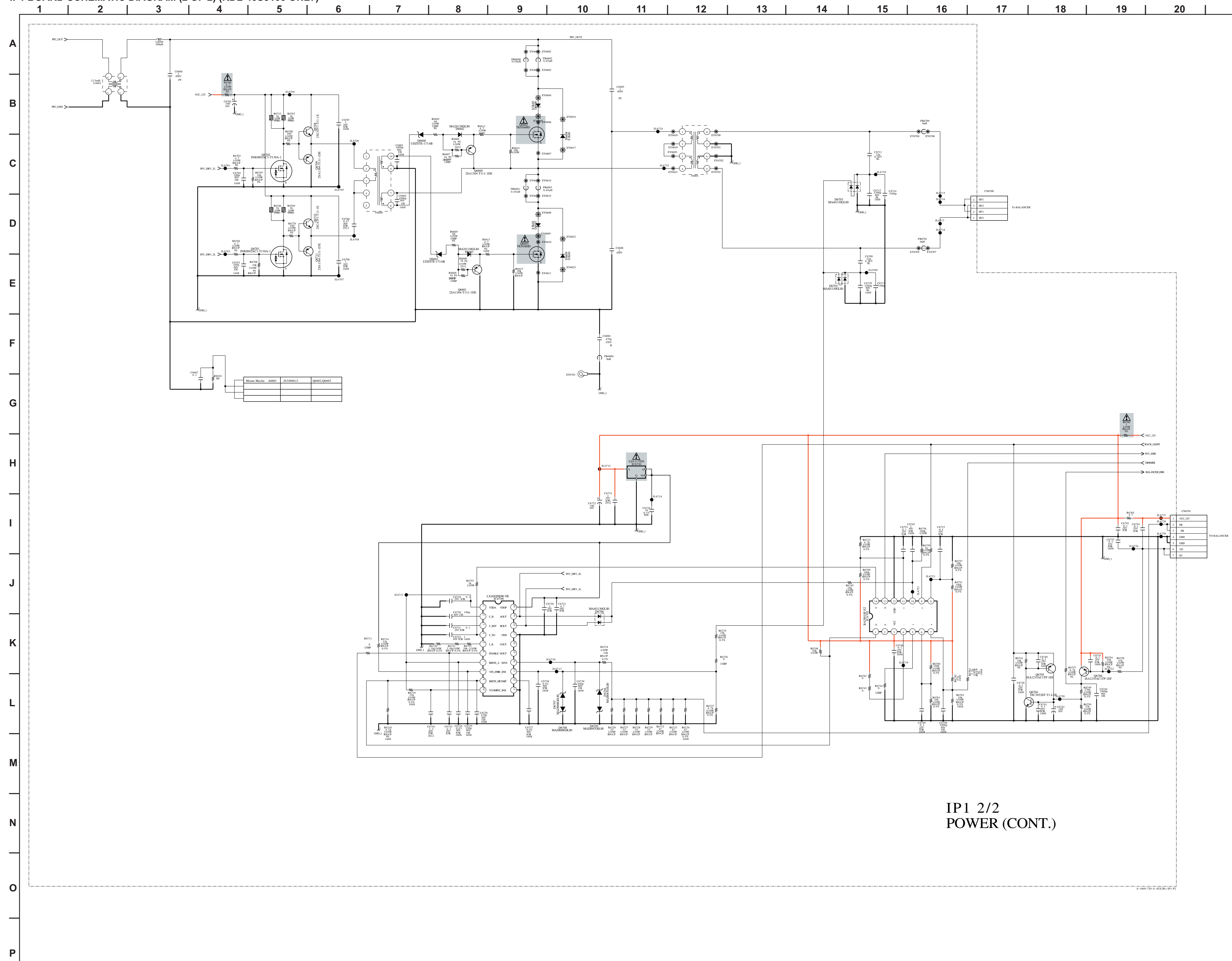




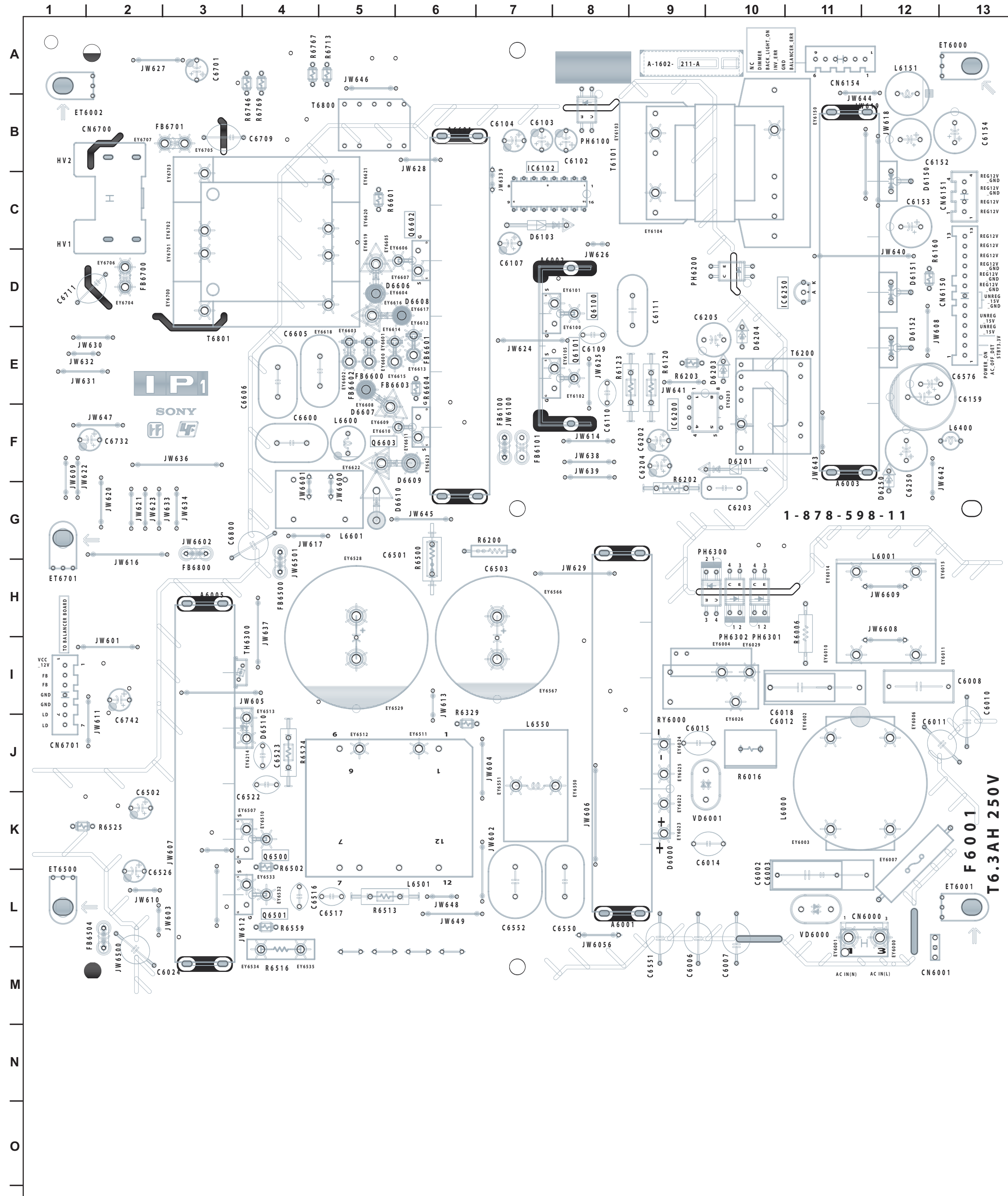
IP1 BOARD SCHEMATIC DIAGRAM (1 OF 2) (KDL-40S5100 ONLY)



IP1 2/2
POWER (CONT.)



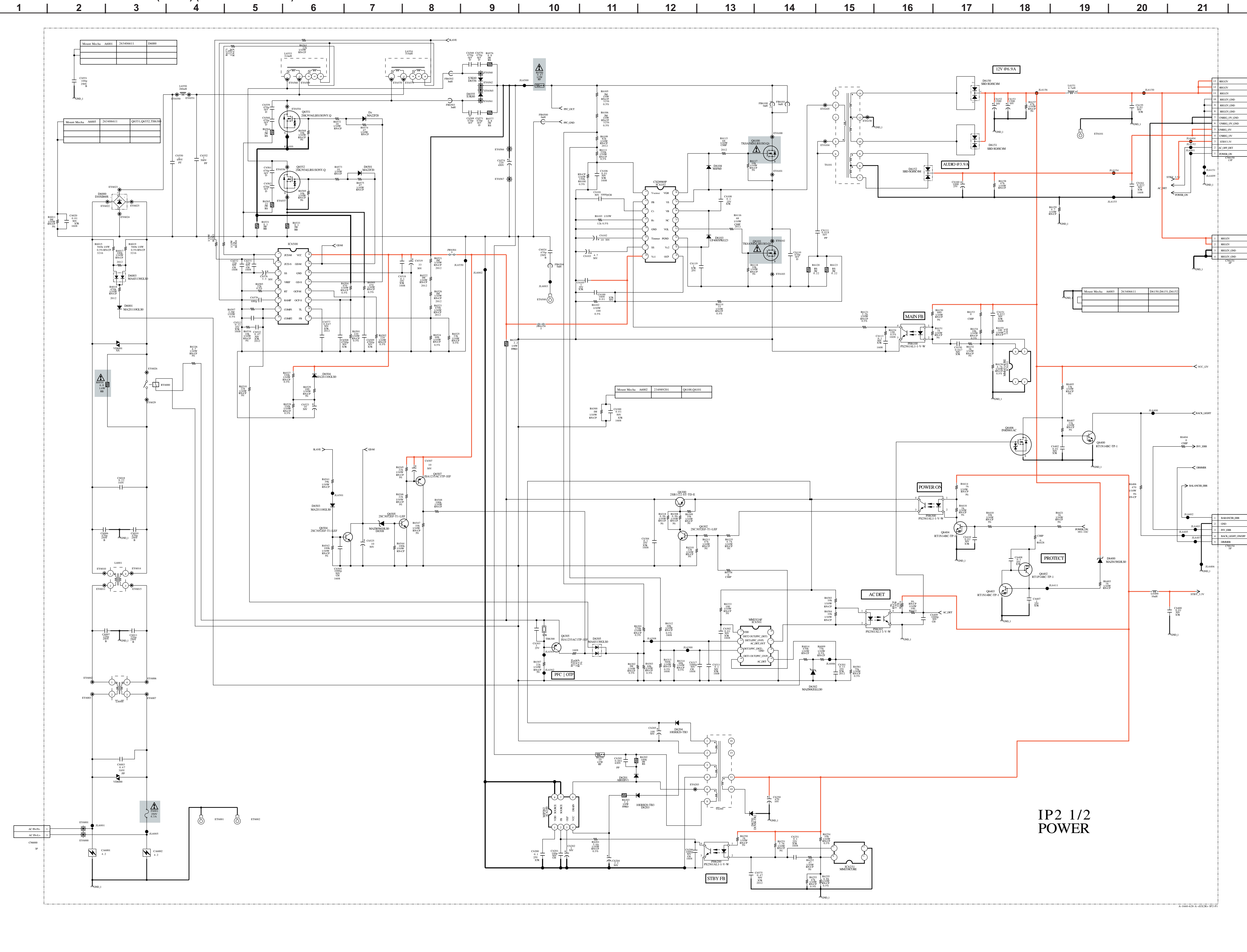
IP1 [POWER]
COMPONENT SIDE (KDL-40S5100 ONLY)



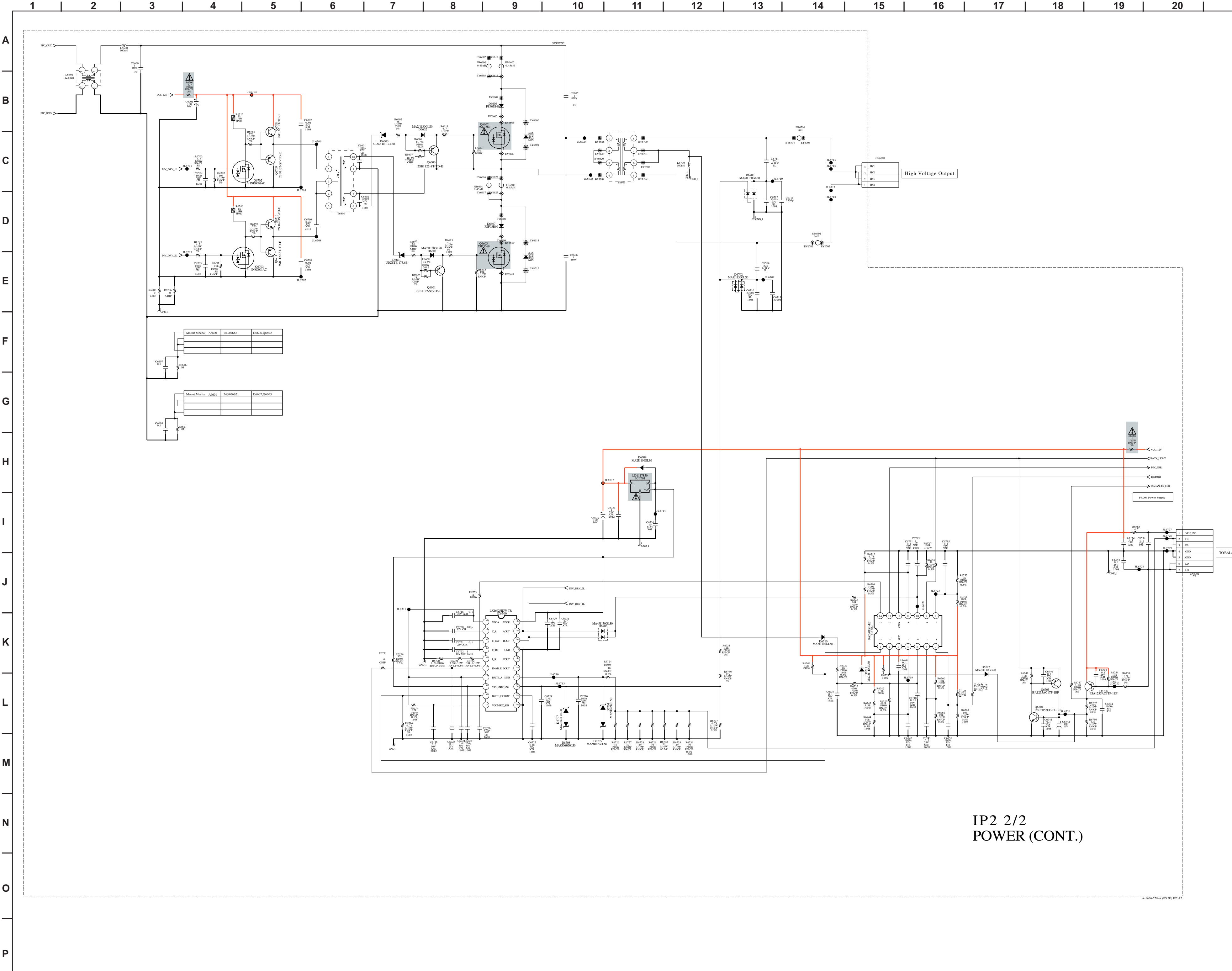
IP1 [POWER]
CONDUCTOR SIDE (KDL-40S5100 ONLY)



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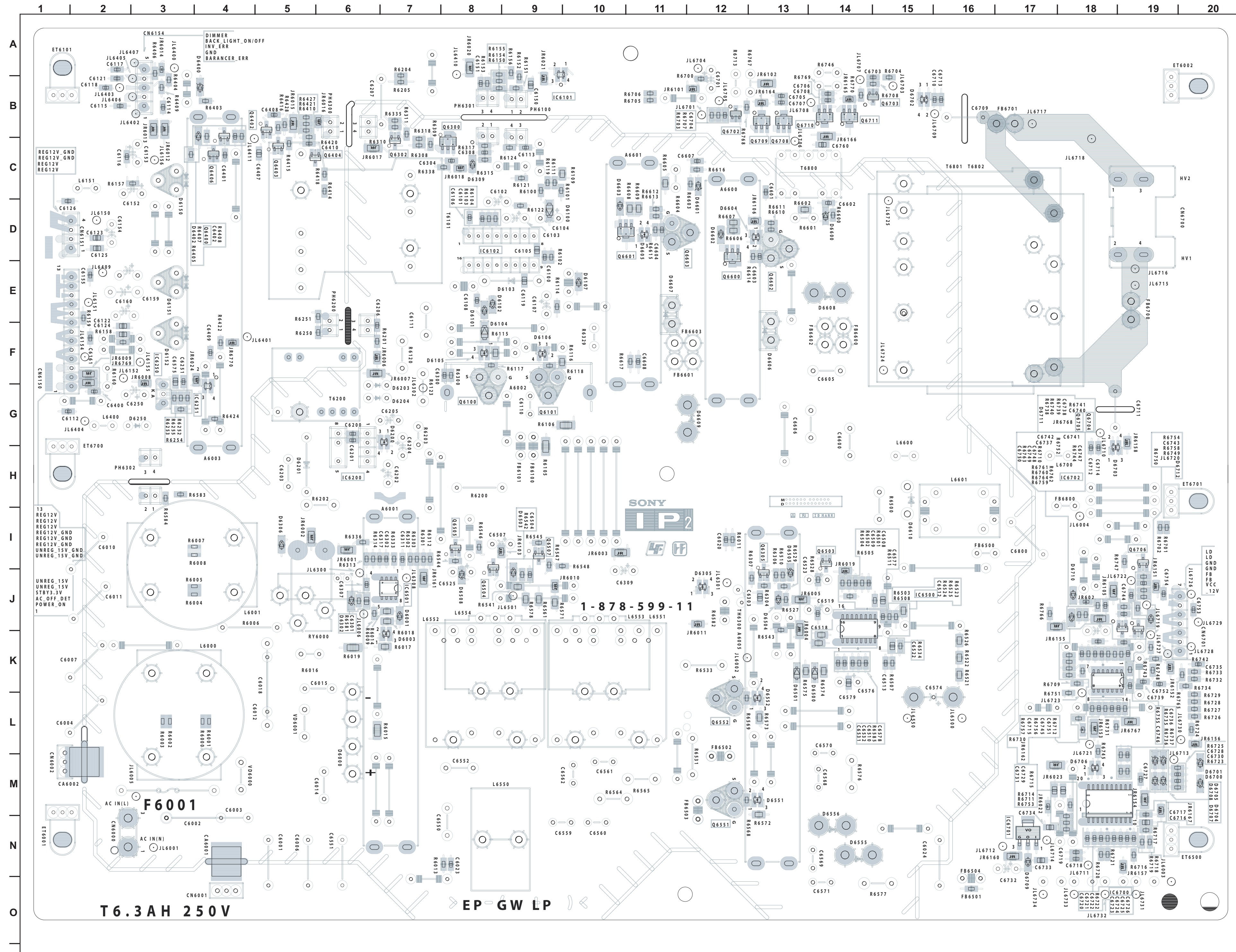


IP2 BOARD SCHEMATIC DIAGRAM (2 OF 2) (KDL-46S5100 ONLY)





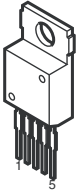
IP2 [POWER]
CONDUCTOR SIDE (KDL-46S5100 ONLY)



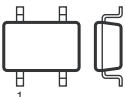
3-5. SEMICONDUCTORS

IC

BA00AST-V5

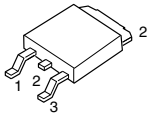


BA05FP-E2
BA09FP-E2
S-1111B33MC-NYSTFG
S-80928CNMC-G8YT2G
TC7SZ125FU(TE85R)

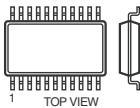


5Pin CHIP

BA18BC0FP-E2
BA25BC0FP-E2

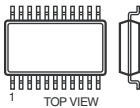


BR24L02F-WE2
CS4335-KSZR
FA5501N-TE1
LM75CIMX-3
M24128-BWMN6T(A)
M24C02-WMN6T(B)
NJM2521V(TE2)
NJM3414AV(TE2)
RC4558DR
RC4558PWR



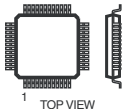
8Pin SOP

CD4052BNSR
FMS6418AM16X



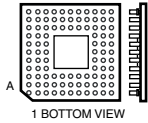
16Pin SOP

CXA2188Q-T4



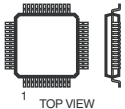
40Pin QFP

EM6A9320BI-5MG



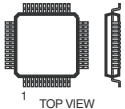
144Pin PGA

HD6433692A39FXV
HD64F3694FXV-DA4
TPA3004D2PHPR



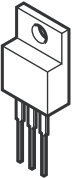
48Pin QFP

HD64F2378-12681-01

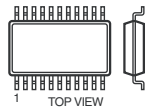


144Pin QFP

L88M05T-FA-TL



M52347FP-TE

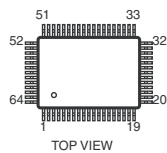


20Pin SOP

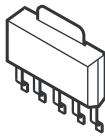
MM1431ATT



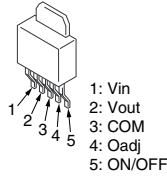
NJW1149AFH1



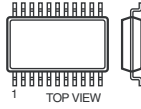
PQ1CY1032ZP



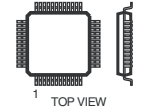
PQ1CZ41H2ZPH



RV5C387A-E2-FB

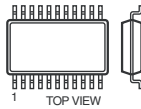


SIH9993CTG100



100Pin QFP

SN74LV132APWR
SN74LVC14APWR



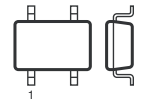
14Pin SOP

STR-A6169



8Pin DIP

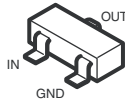
TK11819MTL



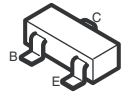
6Pin CHIP

TRANSISTOR

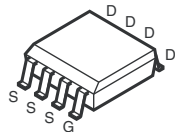
DTC114EU
DTC114EUAFT106



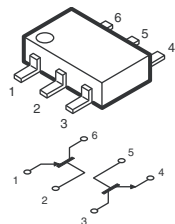
DTC114EUA-T106
DTC115EUA-T106
DTC144WKA-T146
DTC314TK-T-146
DTC323TK
DTC323TKT146
MUN2211T1
MUN2212T1
MUN5213T1
PDTC114EK-115
UN2211
2PA1576R-115
2PC4081R-115
2PD601AR-115
2SA1037AK-T146-QR
2SA1037AK-T146-R
2SA1576A-T106-QR
2SA1774R
2SA1774TL-QR
2SC1623-L5L6
2SC2412K-T-146-QR
2SC4081-R
2SC4081T106R
2SC4617R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



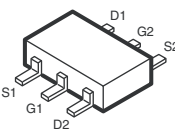
FDS6690A



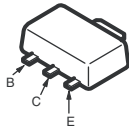
HN1B01FU-TE85R



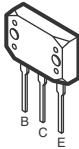
SSM6N15FU(TE85R)



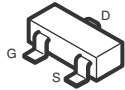
2SB1122-S
2SB1122-ST-TD-E
2SD1621-ST
2SD1621ST-TD-E



2SD2114KT146

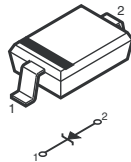


2SK2158-T2B

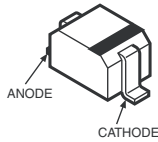


DIODE

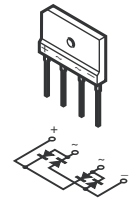
BAS316-115
EP05FA20
MM3Z10VT1
MM3Z11VT1
MM3Z13VT1
MM3Z18VST1
MM3Z22VT1
MM3Z2V4T1
MM3Z5V6ST1
MM3Z6V2ST1
MM3Z6V8ST1
MM3Z8V2ST1



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



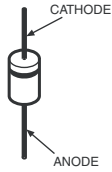
D10SBS4
D10SBS4F
D2SB60A-F04
D4SB60L



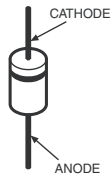
D10SC6M



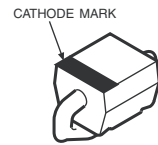
D1NL40-TA2
D1NL40-TR2
ERA22-08



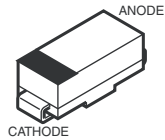
D1NS6
D1NS6-TR
ERA22-06AVRBT
UF4005PKG23
10ERB20-TB3
1N5404TU



EC10QS-04
EC10QS04-TE12L5



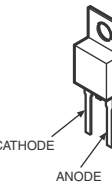
EC21QS03L-TE12L
P6SMBJ30A-5
PTZ-TE25-3.9B



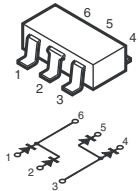
ERA22-08KFLB



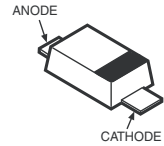
FSF05A60



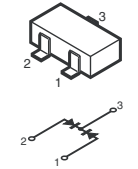
HN1D03FU-TE85L
HN1D03FU-TE85R



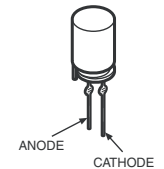
M1FM3



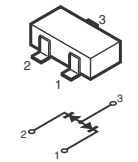
MA132WK
MA132WK-TX
MA151WK-TX
1SS184



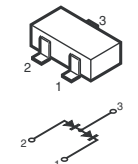
UDZSTE-1710B



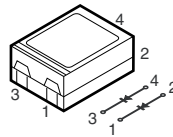
UMZ16NT106



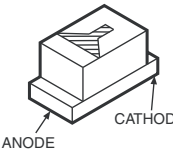
1PS302



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.

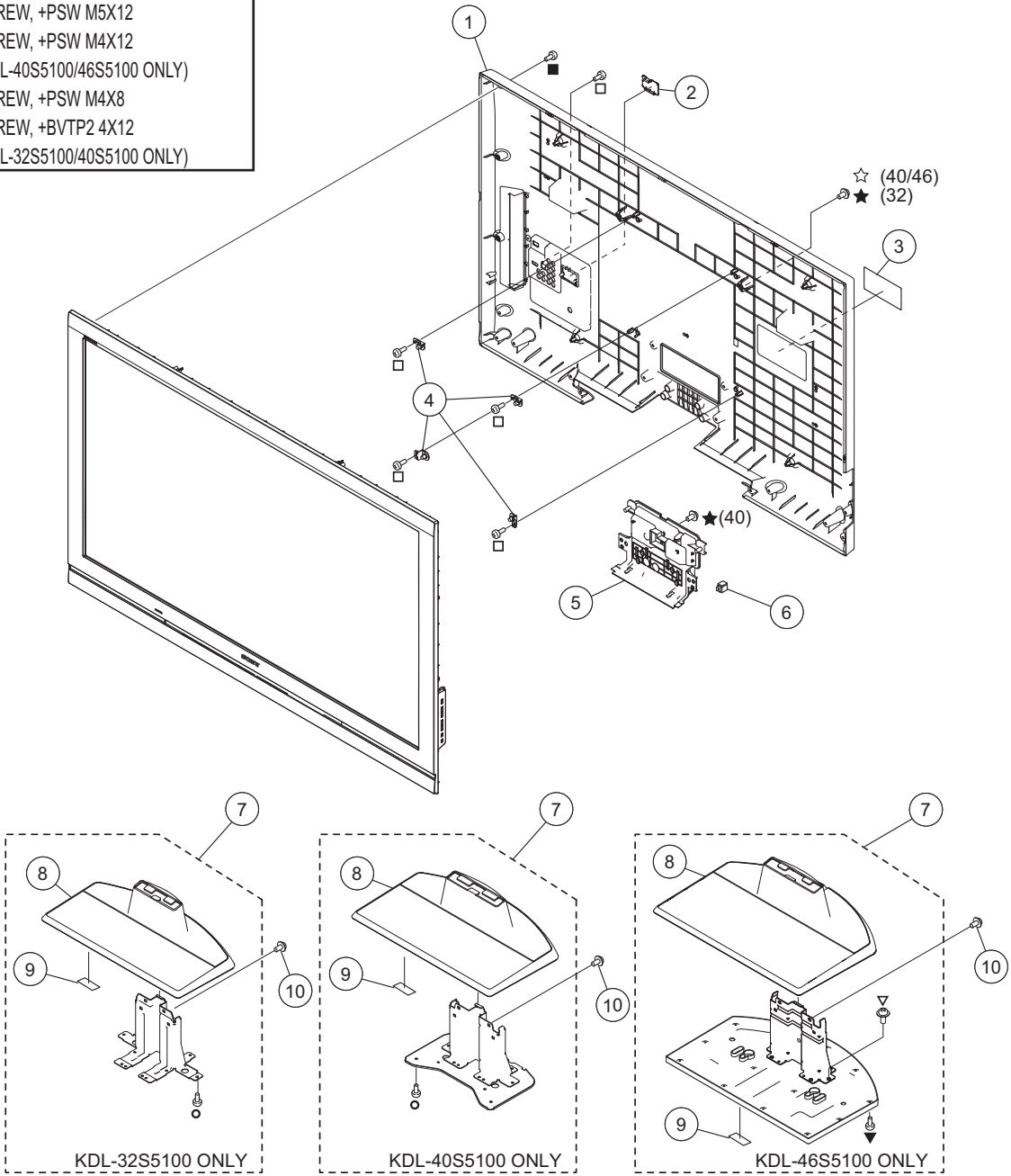
NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

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 (KDL-46S5100 ONLY)
-  2-580-607-01 SCREW, +PSW M5X12
-  2-580-602-01 SCREW, +PSW M4X12 (KDL-40S5100/46S5100 ONLY)
-  2-580-600-01 SCREW, +PSW M4X8
-  2-580-639-01 SCREW, +BVTP2 4X12 (KDL-32S5100/40S5100 ONLY)




REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
1	4-119-672-01	REAR COVER (32) (KDL-32S5100 ONLY)		6	4-022-115-00	HOLDER, AC CORD	
1	4-119-655-01	REAR COVER (40) (KDL-40S5100 ONLY)		7	A-1727-610-A	STAND (SVC) ASSY (M4) (KDL-32S5100 ONLY)	[8-9]
1	4-119-642-01	REAR COVER (46) (KDL-46S5100 ONLY)		7	A-1727-611-A	STAND (SVC) ASSY (ML4) (KDL-40S5100 ONLY)	[8-9]
2	3-297-324-01	COVER, ECS		7	A-1727-612-A	STAND (SVC) ASSY (L4A) (KDL-46S5100 ONLY)	[8-9]
*	3	4-129-757-01	LABEL, INFORMATION (KDL-32S5100 US/CND/LATIN/MX ONLY)	NOTE: The STAND (SVC) ASSY P/N's listed above include packaging			
*	3	4-141-155-01	LABEL, INFORMATION (KDL-32S5100 CHILE/PERU ONLY)	8	A-1718-254-A	STAND COVER ASSY (M4) (KDL-32S5100 ONLY)	
*	3	4-129-758-01	LABEL, INFORMATION (KDL-40S5100 US/CND/LATIN/MX ONLY)	8	A-1718-255-A	STAND COVER ASSY (ML4) (KDL-40S5100 ONLY)	
*	3	4-141-156-01	LABEL, INFORMATION (KDL-40S5100 CHILE/PERU ONLY)	8	A1718-253-A	STAND COVER ASSY (L4A) (KDL-46S5100 ONLY)	
*	3	4-129-759-01	LABEL, INFORMATION (KDL-46S5100 US/CND/LATIN/MX ONLY)	9	3-295-631-01	FOOT (15X20) (KDL-32S5100/40S5100 ONLY)	
*	3	4-141-157-01	LABEL, INFORMATION (KDL-46S5100 CHILE/PERU ONLY)	9	3-094-341-01	FOOT (KDL-46S5100 ONLY)	
4	4-126-274-01	FRAME, VESA (M6)		10	2-580-608-01	SCREW, +PSW M5X16	
5	4-124-402-01	COVER, UNDER (S) (KDL-32S5100 ONLY)		(SCREWS TO ATTACH TABLE-TOP STAND TO LCD TV)			
5	4-124-401-01	COVER, UNDER (M) (KDL-40S5100/46S5100 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 the Wall Mount Brackets.

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

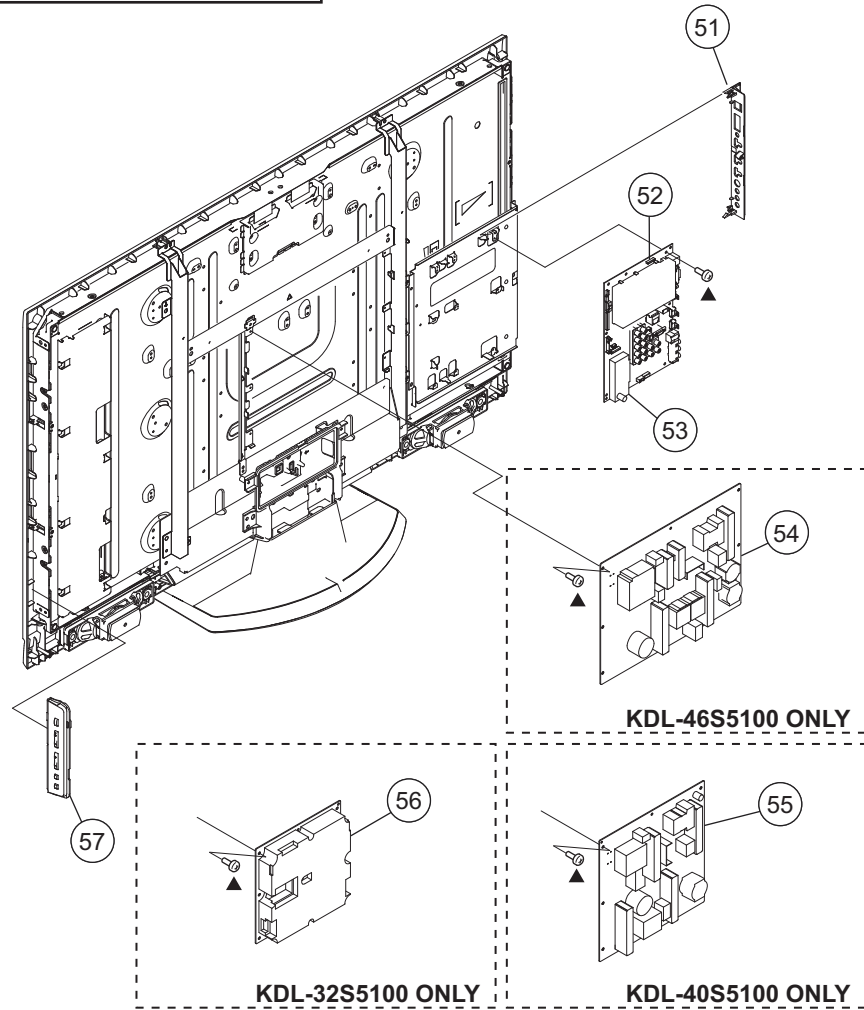
NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.




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


4-2. CHASSIS


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


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



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
51	4-128-539-01	BRACKET, SIDE JACK		56	1-474-163-11	POWER UNIT (G2BE BOARD)	
 52	A-1727-314-A	BM3 BOARD, COMPLETE				(KDL-32S5100 ONLY)	
 52	A-1727-312-A	BM3 BOARD, COMPLETE		55	A-1660-720-A	IP1 BOARD, COMPLETE	
		(KDL-40S5100 ONLY)				(KDL-40S5100 ONLY)	
 52	A-1727-311-A	BM3 BOARD, COMPLETE		*	54	A-1660-728-A	IP2 BOARD, COMPLETE
		(KDL-46S5100 ONLY)				(KDL-46S5100 ONLY)	
53	8-597-686-00	TUNER, FSS-BTF-CA431T		57	1-487-232-11	SWITCH UNIT (Contains HSW3 Board)	

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

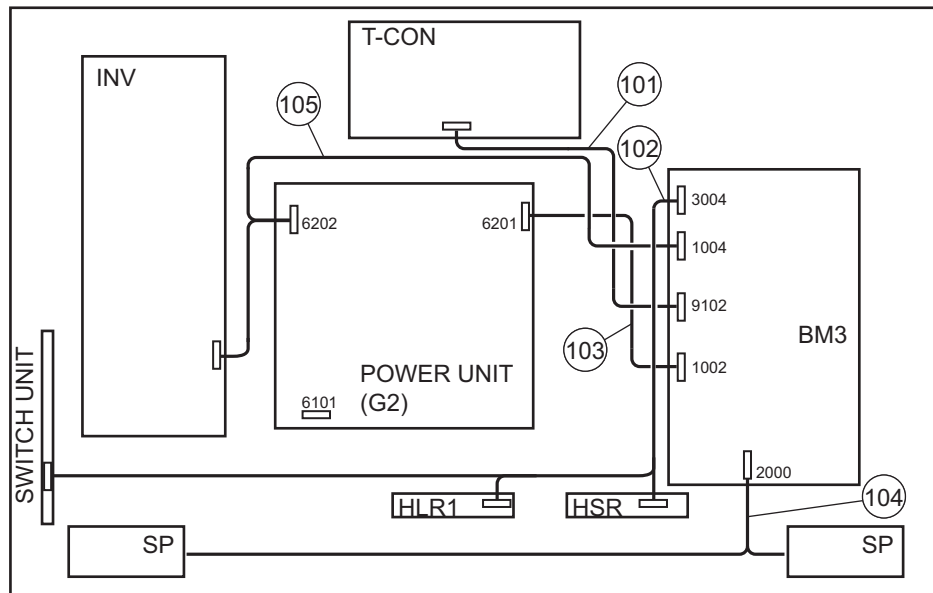
NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

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-32S5100 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. Please refer to Page 22 of the Wire Dressing Diagram Section.



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
101	1-836-545-11	(LVDS) HARNESS WITH CONNECTOR		103	1-910-055-38	CONN ASSY, 14P MM CRIMP 130	
102	1-910-055-31	CONN ASSY, 20P MM CRIMP 1020		104	1-910-055-45	CONN ASSY, 4P SPEAKER FASTON	
				105	1-910-055-40	CONN ASSY, 14P MM CRIMP 590	

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

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

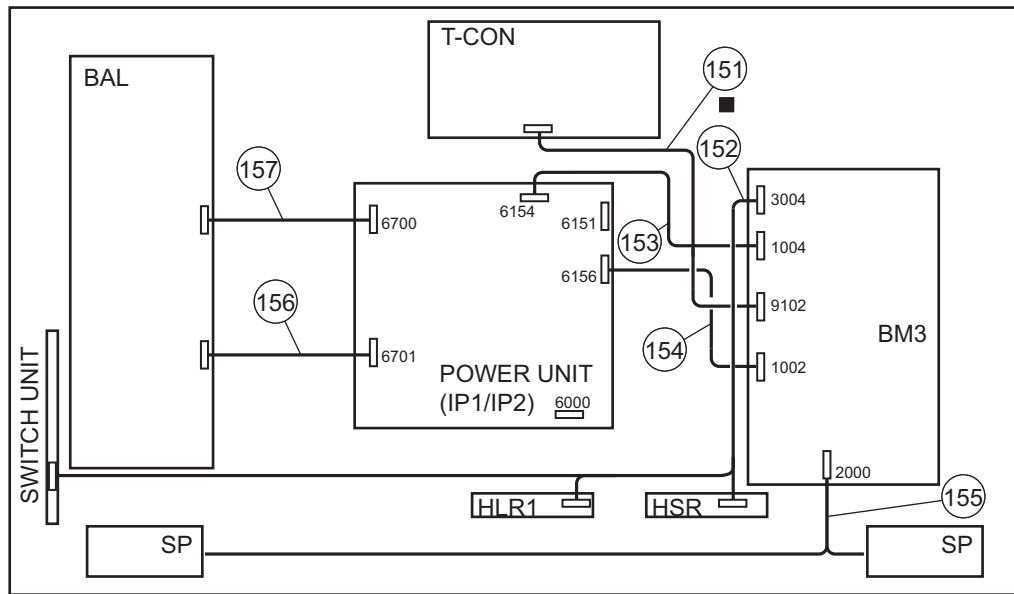
NOTE: The components identified by a red outline and a  mark contain confidential information. Specific instructions must be adhered to whenever these components are repaired and/or replaced. See Appendix A: Encryption Key Components in the back of this manual.

4-4. CONNECTORS (KDL-40S5100/46S5100 ONLY)


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


■ 2-580-628-01 SCREW, +BVST 3X6


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. Please refer to Page 32 for KDL-40S5100 and Page 41 for KDL-46S5100 of the Wire Dressing Diagram Section.



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
151	1-836-500-11	(LVDS) HARNESS WITH CONNECTOR (KDL-40S5100 ONLY)		154	1-910-055-39	CONN ASSY, 13P MM CRIMP 260	
151	1-836-499-11	(LVDS) HARNESS WITH CONNECTOR (KDL-46S5100 ONLY)		155	1-910-055-45	CONN ASSY, 4P SPEAKER FASTON (KDL-40S5100 ONLY)	
152	1-910-055-33	CONN ASSY, 20P MM CRIMP 1145 (KDL-40S5100 ONLY)		155	1-910-055-46	CONN ASSY, 4P SPEAKER FASTON (KDL-46S5100 ONLY)	
152	1-910-055-35	CONN ASSY, 20P MM CRIMP 1280 (KDL-46S5100 ONLY)		156	1-910-048-07	CONN ASSY, 7P MM CRIMP 250 (KDL-40S5100 ONLY)	
153	1-910-055-54	CONN ASSY, 5P MM CRIMP 260 (KDL-40S5100 ONLY)		156	1-910-055-57	CONN ASSY, 7P MM CRIMP 360 (KDL-46S5100 ONLY)	
153	1-910-055-53	CONN ASSY, 5P MM CRIMP 175 (KDL-46S5100 ONLY)		*	157	1-836-420-11	CONNECTOR ASSY, MDF61 (KDL-40S5100 ONLY)
				*	157	1-836-419-11	CONNECTOR ASSY, MDF61 (KDL-46S5100 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 securite. Ne les remplacer que par une piece portant le numero specifie.

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.

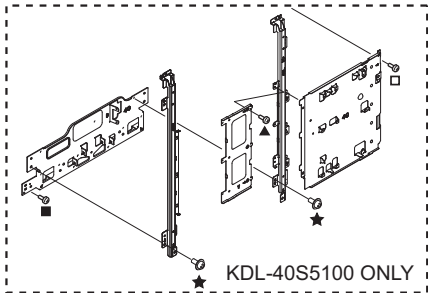
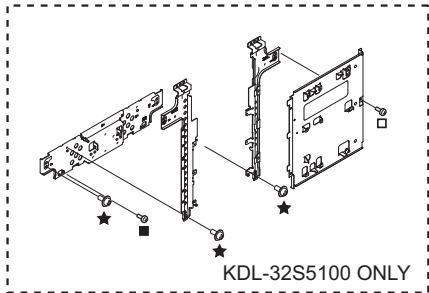
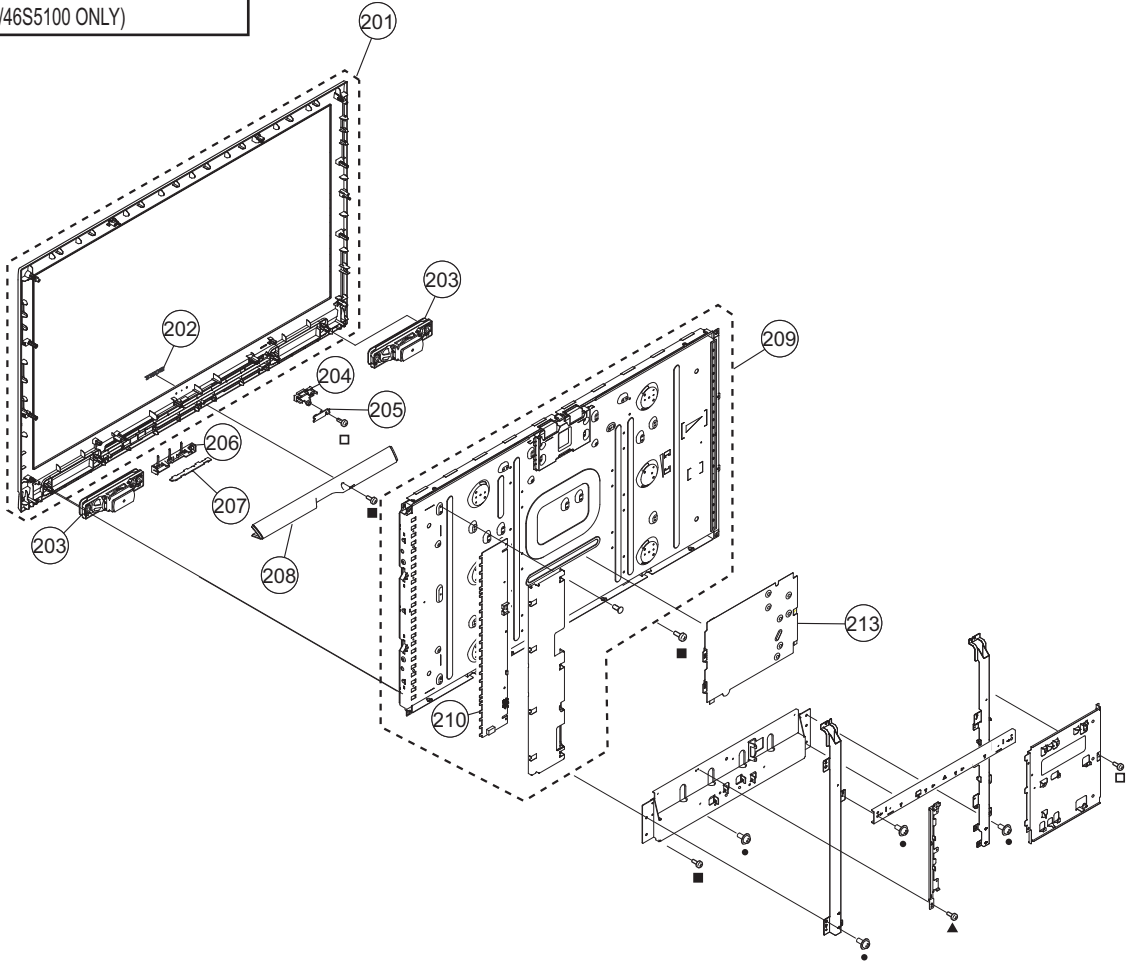
4-5. BEZEL ASSEMBLY AND LCD PANEL





(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
(KDL-46S5100 ONLY)
- ★

2-580-600-01
- SCREW, +PSW M4X8
- ▲

2-580-628-01
- SCREW, +BVST 3X6
(KDL-40S5100/46S5100 ONLY)



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
201	X-2342-987-1	BEZEL ASSY (32) (KDL-32S5100 ONLY)	[202]	 209	N/A	LCD PANEL (32INCH FHD TFT) (KDL-32S5100 ONLY)	[210]
201	X-2342-988-1	BEZEL ASSY (40) (KDL-40S5100 ONLY)	[202]			FOR ALL LCD PANEL PART NUMBER INFORMATION REFER TO THE LCD PANELS SERVICE MANUAL	
201	X-2342-989-1	BEZEL ASSY (46) (KDL-46S5100 ONLY)	[202]	 209	N/A	LCD PANEL (40INCH FHD TFT) (KDL-40S5100 ONLY)	
						FOR ALL LCD PANEL PART NUMBER INFORMATION REFER TO THE LCD PANELS SERVICE MANUAL	
202	4-103-642-21	EMBLEM, SONY NO.8 (KDL-32S5100/40S5100 ONLY)		 209	N/A	LCD PANEL (46INCH FHD TFT) (KDL-46S5100 ONLY)	
202	2-635-749-11	EMBLEM, SONY NO.9 (KDL-46S5100 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-32S5100/40S5100 ONLY)		 210	N/A	ETC-INVERTER MT BOARD (KDL-32S5100 ONLY)	
203	1-858-170-11	LOUDSPEAKER (KDL-46S5100 ONLY)				FOR ALL ETC-INVERTER MT BOARD PART NUMBER INFORMATION REFER TO THE LCD PANELS SERVICE MANUAL	
204	4-124-430-01	GUIDE, IR (C)					
205	A-1650-551-A	HSR BOARD, MOUNTED		213	4-140-145-01	SHEET, INSULATING (IP1) (KDL-40S5100 ONLY)	
206	4-124-429-01	GUIDE, LED (C)				(MUST BE REPLACED WHEN REPLACING LCD PANEL)	
207	A-1650-550-A	HLR1 BOARD, MOUNTED		214	4-140-146-01	SHEET, INSULATING (IP2) (KDL-46S5100 ONLY)	
208	4-124-405-01	BAR, UNDER (S) (KDL-32S5100/40S5100 ONLY)				(MUST BE REPLACED WHEN REPLACING LCD PANEL)	
208	4-124-404-01	BAR, UNDER (M) (KDL-46S5100 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-32S5100			
■ 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 IR-1	8
▼ 7-685-646-79	SCREW, +BVTP 3X8 TYPE2 IT-3	NONE	0
▽ 2-580-607-01	SCREW, +PSW M5X12	NONE	0
• 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	STAND BASE-8	8
▲ 2-580-628-01	SCREW, +BVST 3X6	BM3-9 G2-6	15
10 2-580-608-01	SCREW, +PSW M5X16	TABLE-TOP STAND-4	4

KDL-40S5100			
■ 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 IR-1	8
▼ 7-685-646-79	SCREW, +BVTP 3X8 TYPE2 IT-3	NONE	0
▽ 2-580-607-01	SCREW, +PSW M5X12	NONE	0
• 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	STAND BASE-8	8
▲ 2-580-628-01	SCREW, +BVST 3X6	BM3-9 IP1-5 IP BRACKET-2 LVDS HOLDER-1	17
10 2-580-608-01	SCREW, +PSW M5X16	TABLE-TOP STAND-4	4

KDL-46S5100			
■ 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 IR-1	8
▼ 7-685-646-79	SCREW, +BVTP 3X8 TYPE2 IT-3	STAND BASE-7	7
▽ 2-580-607-01	SCREW, +PSW M5X12	STAND BASE-6	6
• 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
▲ 2-580-628-01	SCREW, +BVST 3X6	BM3-9 IP2-6 LVDS HOLDER-1 G FRAME-1	17
10 2-580-608-01	SCREW, +PSW M5X16	TABLE-TOP STAND-4	4

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.

RESISTORS

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

BM3

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

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
<div>BM3</div>						C2092	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
<div><div><div>🔒</div><div>A-1727-314-A</div><div>BM3 BOARD, COMPLETE (KDL-32S5100 ONLY)</div></div><div><div>🔒</div><div>A-1727-312-A</div><div>BM3 BOARD, COMPLETE (KDL-40S5100 ONLY)</div></div><div><div>🔒</div><div>A-1727-311-A</div><div>BM3 BOARD, COMPLETE (KDL-46S5100 ONLY)</div></div></div>						C2094	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
						C2095	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
						C2096	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
						C2097	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
						C2098	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
						C2100	1-135-366-11	ELECT CHIP	100μF	20%	16V
						C2107	1-137-942-21	ELECT CHIP	47μF	20%	25V
						C2145	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
						C2146	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
						C2157	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
						C2158	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
						C2159	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
						C2168	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
						C2169	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
						C2178	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
						C2179	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
						C2180	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
						C2181	1-114-553-11	CERAMIC CHIP	10μF	10%	16V
						C2182	1-114-553-11	CERAMIC CHIP	10μF	10%	16V
						C2183	1-114-553-11	CERAMIC CHIP	10μF	10%	16V
						C2206	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
						C2207	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
						C2212	1-114-800-11	CERAMIC CHIP	0.0015μF	10%	50V
						C2214	1-114-800-11	CERAMIC CHIP	0.0015μF	10%	50V
						C2216	1-100-756-91	CERAMIC CHIP	0.047μF	10%	50V
						C2217	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
						C2218	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
						C2236	1-125-891-11	CERAMIC CHIP	0.47μF	10%	10V
						C2237	1-125-891-11	CERAMIC CHIP	0.47μF	10%	10V
						C2238	1-125-891-11	CERAMIC CHIP	0.47μF	10%	10V
						C2239	1-125-891-11	CERAMIC CHIP	0.47μF	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
C1024	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V						
C1025	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V						
C1026	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V						
C1027	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V						
C1032	1-112-781-11	CERAMIC CHIP	1μF	10%	10V						
C1033	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V						
C1034	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V						
C1038	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V						
C1044	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V						
C1045	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V						
C1051	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V						
C1052	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V						
C1054	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V						
C1055	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V						
C1061	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V						
C1062	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V						
C1070	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V						
C1087	1-114-331-11	CERAMIC CHIP	4.7μF	10%	10V						
C1088	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V						
C2074	1-114-870-11	CERAMIC CHIP	4.7μF	10%	16V						
C2075	1-114-870-11	CERAMIC CHIP	4.7μF	10%	16V						
C2078	1-114-330-11	CERAMIC CHIP	2.2μF	10%	16V						
C2085	1-100-766-21	ELECT CHIP	47μF	20%	16V						
C2086	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V						
C2091	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V						

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


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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C7784	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	CN3004	1-818-714-21	HEADER ASSEMBLY	20P		
C7785	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	CN5101	1-822-541-11	D SUB CONNECTOR			
C7787	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	CN7401	1-820-184-11	HEADER ASSEMBLY (PRINT PWB)			
C7788	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	CN7507	1-819-866-11	CONNECTOR, USB (A)			
C7789	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	CN9102	1-822-583-11	HEADER ASSEMBLY (PRINT PWB)			
C7790	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	DIODE					
C7791	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	D1000	6-501-774-01	DIODE	MAZ8150G0LS0		
C7792	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	D2002	6-501-817-01	DIODE	MA2J1110GLS0		
C7793	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	D2008	6-501-817-01	DIODE	MA2J1110GLS0		
C7794	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	⚠ D2014	6-501-756-01	DIODE	MAZ8091GMLS0		
C7795	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	D2017	6-502-318-01	DIODE	MA4J1130GLS0		
C7796	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	D2020	6-501-732-01	DIODE	MAZ8056G0LS0		
C7797	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	D2021	6-501-732-01	DIODE	MAZ8056G0LS0		
C7799	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	D2022	6-501-732-01	DIODE	MAZ8056G0LS0		
C7800	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	D2026	6-501-732-01	DIODE	MAZ8056G0LS0		
C7801	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	D2027	6-501-817-01	DIODE	MA2J1110GLS0		
C7802	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	D2028	6-501-817-01	DIODE	MA2J1110GLS0		
C7803	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	D2029	6-501-817-01	DIODE	MA2J1110GLS0		
C7804	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	D2031	6-501-817-01	DIODE	MA2J1110GLS0		
C7806	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	D3006	6-502-318-01	DIODE	MA4J1130GLS0		
C7807	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	D3007	6-502-318-01	DIODE	MA4J1130GLS0		
C7808	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	D3011	6-501-732-01	DIODE	MAZ8056G0LS0		
C7809	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	D3012	6-501-732-01	DIODE	MAZ8056G0LS0		
C7811	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	D3020	6-502-318-01	DIODE	MA4J1130GLS0		
C7812	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	D5501	6-502-318-01	DIODE	MA4J1130GLS0		
C7814	1-114-871-11	CERAMIC CHIP	100μF	20%	6.3V	D5502	6-502-318-01	DIODE	MA4J1130GLS0		
C7816	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	D5503	6-502-318-01	DIODE	MA4J1130GLS0		
C7819	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	D5504	6-502-318-01	DIODE	MA4J1130GLS0		
C7827	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	D7201	6-501-817-01	DIODE	MA2J1110GLS0		
C9159	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	D7600	8-719-058-24	DIODE	RB501V-40TE-17		
C9160	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	FUSE					
C9161	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	⚠ F1001	1-576-933-21	FUSE	5A	24V	
C9162	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	⚠ F2000	1-576-958-21	FUSE	4A	24V	
C9163	1-164-315-11	CERAMIC CHIP	470pF	5%	50V	⚠ F3000	1-576-646-11	FUSE	0.5A	50V	
C9164	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	F5101	1-576-646-11	FUSE	0.5A	50V	
C9165	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	⚠ F7001	1-576-603-21	FUSE	3.15A	24V	
C9166	1-114-130-11	CERAMIC CHIP	1μF	10%	6.3V	⚠ F7002	1-576-603-21	FUSE	3.15A	24V	
C9167	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	FERRITE BEAD					
C9168	1-164-872-11	CERAMIC CHIP	82pF	5%	50V	FB1002	1-500-922-11	FERRITE	0μH		
CONNECTOR						FB2030	1-400-089-21	FERRITE	0μH		
CN1003	1-822-598-11	HEADER ASSEMBLY FOR PWB				FB2031	1-400-089-21	FERRITE	0μH		
CN1004	1-821-134-11	HEADER ASSEMBLY FOR PWB				FB2032	1-400-089-21	FERRITE	0μH		
CN2000	1-822-550-11	HEADER ASSEMBLY FOR PWB				FB2033	1-400-089-21	FERRITE	0μH		
CN3000	1-779-331-51	CONNECTOR, FFC/FPC			14P	FB2034	1-400-089-21	FERRITE	0μH		
CN3001	1-779-936-51	CONNECTOR, FFC/FPC			18P						

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REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
FB2035	1-400-089-21	FERRITE	0μH	IC7200	6-703-175-01	IC	PST3629UL
FB3002	1-500-922-11	FERRITE	0μH	IC7400	6-710-369-01	IC	74LVC1G08GW-125
FB3003	1-500-922-11	FERRITE	0μH	IC7401	6-714-088-01	IC	NT5TU64M16DG-BE
FB3004	1-500-922-11	FERRITE	0μH	IC7402	6-709-585-01	IC	K9F5608U0D-PIB0T
FB7400	1-400-591-22	FERRITE	0μH	IC7600	6-703-708-01	IC	LM2903DT
FB7507	1-400-089-21	FERRITE	0μH	JACK			
FB7512	1-400-089-21	FERRITE	0μH	J1000	1-821-880-21	PHONO JACK	10P
FB7600	1-400-834-11	FERRITE	0μH	J1002	1-573-798-11	JACK, MINIATURE (DIA. 3.5)	
FB7601	1-400-834-11	FERRITE	0μH	J1003	1-822-518-11	PHONO JACK	4P
FB7603	1-400-834-11	FERRITE	0μH	COIL			
FILTER				L1000	1-216-864-11	SHORT CHIP	
FL5006	1-114-175-21	CERAMIC CHIP	1μF 20% 6.3V	L1001	1-216-864-11	SHORT CHIP	
FL5007	1-114-175-21	CERAMIC CHIP	1μF 20% 6.3V	L1002	1-216-864-11	SHORT CHIP	
FL5008	1-114-175-21	CERAMIC CHIP	1μF 20% 6.3V	L1003	1-216-864-11	SHORT CHIP	
FL5500	1-114-175-21	CERAMIC CHIP	1μF 20% 6.3V	L1004	1-216-864-11	SHORT CHIP	
FL7202	1-234-939-21	FILTER, EMI REMOVAL (SMD)		L1005	1-216-864-11	SHORT CHIP	
FL7203	1-114-175-21	CERAMIC CHIP	1μF 20% 6.3V	L2015	1-469-555-21	INDUCTOR	10μH
FL7204	1-114-175-21	CERAMIC CHIP	1μF 20% 6.3V	L2016	1-457-509-11	INDUCTOR	10μH
FL7500	1-114-175-21	CERAMIC CHIP	1μF 20% 6.3V	L2018	1-457-756-21	INDUCTOR	22μH
FL7601	1-114-175-21	CERAMIC CHIP	1μF 20% 6.3V	L2019	1-457-756-21	INDUCTOR	22μH
FL7602	1-114-175-21	CERAMIC CHIP	1μF 20% 6.3V	L2030	1-457-756-21	INDUCTOR	22μH
FL7603	1-114-175-21	CERAMIC CHIP	1μF 20% 6.3V	L2031	1-457-756-21	INDUCTOR	22μH
FL9000	1-114-175-21	CERAMIC CHIP	1μF 20% 6.3V	L2033	1-469-555-21	INDUCTOR	10μH
FL9001	1-114-175-21	CERAMIC CHIP	1μF 20% 6.3V	L2035	1-469-555-21	INDUCTOR	10μH
IC				L5101	1-481-464-11	FERRITE	0μH
IC2005	8-759-460-79	IC	BA09FP-E2	L7003	1-457-455-11	INDUCTOR	10μH
IC2006	8-759-278-58	IC	NJM4558V-TE2	L7004	1-400-193-11	INDUCTOR	3.3μH
IC2008	6-709-927-01	IC	RT8H225C-TP-2	L7005	1-457-455-11	INDUCTOR	10μH
 IC2017	6-712-648-01	IC	TFA9810T-N1	L7006	1-457-455-11	INDUCTOR	10μH
IC2018	6-713-154-01	IC	AK4682EQ	L7201	1-481-464-11	FERRITE	0μH
IC2019	6-704-819-01	IC	CS4335-KSZR	L7202	1-481-464-11	FERRITE	0μH
IC2023	8-759-278-58	IC	NJM4558V-TE2	L7203	1-481-464-11	FERRITE	0μH
IC3000	6-711-047-01	IC	S-1132B18-U5T1G	L7204	1-481-464-11	FERRITE	0μH
IC3001	6-713-963-01	IC	AT24C32CN-SH-T	L7205	1-481-464-11	FERRITE	0μH
IC3002	6-713-820-01	IC	MB91F313APMC-GE1	L7206	1-481-464-11	FERRITE	0μH
IC3003	6-712-399-01	IC	74AHC1G125GW-125	L7207	1-481-464-11	FERRITE	0μH
IC3004	6-712-399-01	IC	74AHC1G125GW-125	L7208	1-481-464-11	FERRITE	0μH
IC3007	6-711-999-01	IC	MM3286EFBE	L7400	1-481-516-11	FERRITE	0μH
IC3008	6-712-399-01	IC	74AHC1G125GW-125	L7401	1-481-464-11	FERRITE	0μH
IC5102	6-708-132-01	IC	74LVC14APW	L7500	1-456-984-11	INDUCTOR	0μH
IC5500	6-713-843-01	IC	SII9187CNUTR	L7501	1-481-464-11	FERRITE	0μH
IC7000	6-713-810-01	IC	215-0691008-00	L7505	1-481-464-11	FERRITE	0μH
IC7003	6-713-863-01	IC	BD9540EFV-E2	L7508	1-481-464-11	FERRITE	0μH
IC7004	6-713-863-01	IC	BD9540EFV-E2	L7512	1-481-464-11	FERRITE	0μH

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REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
L7513	1-481-464-11	FERRITE	0μH	Q3008	6-551-815-01	TRANSISTOR	UNR52A1G0LS0
L7515	1-469-553-21	INDUCTOR	4.7μH	Q3009	6-551-824-01	TRANSISTOR	UNR51A5G0LS0
L7516	1-481-464-11	FERRITE	0μH	Q3010	6-551-364-01	TRANSISTOR	DTC614TUT106
L7517	1-481-464-11	FERRITE	0μH	Q3011	6-551-776-01	TRANSISTOR	2SC5950G0LS0
L7518	1-481-464-11	FERRITE	0μH	Q3012	6-551-776-01	TRANSISTOR	2SC5950G0LS0
L7600	1-469-555-21	INDUCTOR	10μH	Q3013	6-551-824-01	TRANSISTOR	UNR51A5G0LS0
L7601	1-412-972-31	INDUCTOR	0.27μH	Q5010	6-552-252-01	TRANSISTOR	BCV27
L7602	1-412-972-31	INDUCTOR	0.27μH	Q5012	6-551-775-01	TRANSISTOR	2SA2122G0LS0
L7603	1-469-555-21	INDUCTOR	10μH	Q5013	6-551-776-01	TRANSISTOR	2SC5950G0LS0
L7604	1-412-979-21	INDUCTOR	1μH	Q7003	6-552-238-01	TRANSISTOR	MP6K62TR
L7605	1-469-554-21	INDUCTOR	6.8μH	Q7004	6-552-212-01	TRANSISTOR	MP6K61FU7TR
L7607	1-412-979-21	INDUCTOR	1μH	Q7005	6-552-212-01	TRANSISTOR	MP6K61FU7TR
L7608	1-469-555-21	INDUCTOR	10μH	Q7006	6-552-212-01	TRANSISTOR	MP6K61FU7TR
L7609	1-469-555-21	INDUCTOR	10μH	Q7401	6-551-776-01	TRANSISTOR	2SC5950G0LS0
L7625	1-469-555-21	INDUCTOR	10μH	Q7600	6-551-776-01	TRANSISTOR	2SC5950G0LS0
L9111	1-481-515-11	FERRITE	0μH	Q7601	6-551-775-01	TRANSISTOR	2SA2122G0LS0
L9113	1-234-400-21	CONDUCTOR, NETWORK	(1005X4)	Q7602	6-551-776-01	TRANSISTOR	2SC5950G0LS0
L9114	1-234-400-21	CONDUCTOR, NETWORK	(1005X4)	Q7603	6-551-776-01	TRANSISTOR	2SC5950G0LS0
L9115	1-234-400-21	CONDUCTOR, NETWORK	(1005X4)	Q7605	6-551-271-01	TRANSISTOR	RT3AMMM
L9116	1-234-400-21	CONDUCTOR, NETWORK	(1005X4)				
L9117	1-234-400-21	CONDUCTOR, NETWORK	(1005X4)				
L9118	1-234-400-21	CONDUCTOR, NETWORK	(1005X4)				
TRANSISTOR				RESISTOR			
Q1000	6-551-815-01	TRANSISTOR	UNR52A1G0LS0	R1005	1-218-959-11	METAL CHIP	3.3K 5% 1/16W
Q1001	6-550-369-01	TRANSISTOR	TPC8109(TE12L)	R1006	1-218-989-11	METAL CHIP	1M 5% 1/16W
Q1002	6-551-815-01	TRANSISTOR	UNR52A1G0LS0	R1007	1-218-989-11	METAL CHIP	1M 5% 1/16W
Q1003	6-551-815-01	TRANSISTOR	UNR52A1G0LS0	R1008	1-218-989-11	METAL CHIP	1M 5% 1/16W
Q2006	6-551-776-01	TRANSISTOR	2SC5950G0LS0	R1009	1-218-989-11	METAL CHIP	1M 5% 1/16W
Q2007	6-551-364-01	TRANSISTOR	DTC614TUT106	R1011	1-218-965-11	METAL CHIP	10K 5% 1/16W
Q2008	6-551-364-01	TRANSISTOR	DTC614TUT106	R1012	1-218-965-11	METAL CHIP	10K 5% 1/16W
Q2009	6-551-815-01	TRANSISTOR	UNR52A1G0LS0	R1013	1-218-965-11	METAL CHIP	10K 5% 1/16W
Q2010	6-551-775-01	TRANSISTOR	2SA2122G0LS0	R1014	1-218-965-11	METAL CHIP	10K 5% 1/16W
Q2012	6-551-271-01	TRANSISTOR	RT3AMMM	R1015	1-218-965-11	METAL CHIP	10K 5% 1/16W
Q2013	6-551-271-01	TRANSISTOR	RT3AMMM	R1022	1-218-989-11	METAL CHIP	1M 5% 1/16W
Q2016	6-551-815-01	TRANSISTOR	UNR52A1G0LS0	R1023	1-218-989-11	METAL CHIP	1M 5% 1/16W
Q2017	6-551-815-01	TRANSISTOR	UNR52A1G0LS0	R1026	1-211-990-11	METAL CHIP	75 0.50% 1/10W
Q2018	6-551-815-01	TRANSISTOR	UNR52A1G0LS0	R1027	1-211-990-11	METAL CHIP	75 0.50% 1/10W
Q2026	6-551-776-01	TRANSISTOR	2SC5950G0LS0	R1028	1-218-965-11	METAL CHIP	10K 5% 1/16W
Q3000	6-551-551-01	TRANSISTOR	RT3N77M-TP-1	R1029	1-218-965-11	METAL CHIP	10K 5% 1/16W
Q3001	6-551-551-01	TRANSISTOR	RT3N77M-TP-1	R1036	1-211-990-11	METAL CHIP	75 0.50% 1/10W
Q3002	6-551-690-01	TRANSISTOR	RT3N11M-TP-1	R1037	1-211-990-11	METAL CHIP	75 0.50% 1/10W
Q3003	6-551-690-01	TRANSISTOR	RT3N11M-TP-1	R1038	1-211-990-11	METAL CHIP	75 0.50% 1/10W
Q3006	6-551-364-01	TRANSISTOR	DTC614TUT106	R1047	1-218-989-11	METAL CHIP	1M 5% 1/16W
				R1048	1-218-989-11	METAL CHIP	1M 5% 1/16W
				R1049	1-218-989-11	METAL CHIP	1M 5% 1/16W
				R1050	1-218-965-11	METAL CHIP	10K 5% 1/16W
				R1051	1-218-957-11	METAL CHIP	2.2K 5% 1/16W
				R1052	1-218-957-11	METAL CHIP	2.2K 5% 1/16W

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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

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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		
R7406	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R7662	1-218-945-11	METAL CHIP	220	5%	1/16W
R7411	1-218-938-11	METAL CHIP	56	5%	1/16W	R7663	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R7412	1-218-938-11	METAL CHIP	56	5%	1/16W	R7953	1-218-965-11	METAL CHIP	10K	5%	1/16W
R7477	1-218-990-81	SHORT CHIP				R7959	1-218-990-81	SHORT CHIP			
R7504	1-218-953-11	METAL CHIP	1K	5%	1/16W	R7960	1-218-959-11	METAL CHIP	3.3K	5%	1/16W
R7523	1-218-990-81	SHORT CHIP				R7961	1-218-965-11	METAL CHIP	10K	5%	1/16W
R7543	1-218-977-11	METAL CHIP	100K	5%	1/16W	R7969	1-208-871-81	METAL CHIP	220	0.50%	1/16W
R7544	1-218-965-11	METAL CHIP	10K	5%	1/16W	R7970	1-208-871-81	METAL CHIP	220	0.50%	1/16W
R7547	1-218-967-11	METAL CHIP	15K	5%	1/16W	R7971	1-208-871-81	METAL CHIP	220	0.50%	1/16W
R7550	1-218-967-11	METAL CHIP	15K	5%	1/16W	R7972	1-208-871-81	METAL CHIP	220	0.50%	1/16W
R7604	1-218-990-81	SHORT CHIP				R7975	1-218-965-11	METAL CHIP	10K	5%	1/16W
R7607	1-218-941-81	METAL CHIP	100	5%	1/16W	R7987	1-218-990-81	SHORT CHIP			
R7616	1-218-959-11	METAL CHIP	3.3K	5%	1/16W	R9227	1-218-933-11	METAL CHIP	22	5%	1/16W
R7617	1-218-989-11	METAL CHIP	1M	5%	1/16W	R9230	1-218-990-81	SHORT CHIP			
R7618	1-208-697-11	METAL CHIP	3.9K	0.50%	1/16W	R9234	1-218-965-11	METAL CHIP	10K	5%	1/16W
R7619	1-218-958-11	METAL CHIP	2.7K	5%	1/16W	RESISTOR BRIDGE					
R7620	1-218-969-11	METAL CHIP	22K	5%	1/16W	RB1001	1-239-698-11	RESISTOR, NETWORK 10K			
R7621	1-208-928-11	METAL CHIP	51K	0.50%	1/16W	RB2001	1-234-381-11	RES, NETWORK 100K (1005X4)			
R7622	1-218-957-11	METAL CHIP	2.2K	5%	1/16W	RB2004	1-239-674-81	RESISTOR, NETWORK 100			
R7623	1-218-941-81	METAL CHIP	100	5%	1/16W	RB2007	1-234-370-21	RES, NETWORK 22 (1005X4)			
R7624	1-218-989-11	METAL CHIP	1M	5%	1/16W	RB2008	1-234-371-21	RES, NETWORK 47 (1005X4)			
R7625	1-218-959-11	METAL CHIP	3.3K	5%	1/16W	RB3000	1-239-698-11	RESISTOR, NETWORK 10K			
R7626	1-218-961-11	METAL CHIP	4.7K	5%	1/16W	RB3002	1-239-694-81	RESISTOR, NETWORK 4.7K			
R7627	1-218-959-11	METAL CHIP	3.3K	5%	1/16W	RB3003	1-234-372-11	RES, NETWORK 100 (1005X4)			
R7628	1-218-941-81	METAL CHIP	100	5%	1/16W	RB3004	1-234-372-11	RES, NETWORK 100 (1005X4)			
R7629	1-208-928-11	METAL CHIP	51K	0.50%	1/16W	RB3006	1-234-372-11	RES, NETWORK 100 (1005X4)			
R7630	1-218-969-11	METAL CHIP	22K	5%	1/16W	RB3007	1-234-372-11	RES, NETWORK 100 (1005X4)			
R7631	1-218-990-81	SHORT CHIP				RB3008	1-234-371-21	RES, NETWORK 47 (1005X4)			
R7632	1-218-941-81	METAL CHIP	100	5%	1/16W	RB3009	1-234-372-11	RES, NETWORK 100 (1005X4)			
R7633	1-218-949-11	METAL CHIP	470	5%	1/16W	RB3010	1-234-371-21	RES, NETWORK 47 (1005X4)			
R7634	1-218-941-81	METAL CHIP	100	5%	1/16W	RB3012	1-234-378-21	RES, NETWORK 10K (1005X4)			
R7635	1-218-965-11	METAL CHIP	10K	5%	1/16W	RB3013	1-234-378-21	RES, NETWORK 10K (1005X4)			
R7636	1-218-959-11	METAL CHIP	3.3K	5%	1/16W	RB3015	1-234-375-21	RES, NETWORK 1K (1005X4)			
R7637	1-218-953-11	METAL CHIP	1K	5%	1/16W	RB3016	1-234-372-11	RES, NETWORK 100 (1005X4)			
R7638	1-218-965-11	METAL CHIP	10K	5%	1/16W	RB3017	1-234-375-21	RES, NETWORK 1K (1005X4)			
R7641	1-218-947-11	METAL CHIP	330	5%	1/16W	RB3019	1-239-674-81	RESISTOR, NETWORK 100			
R7642	1-208-711-11	METAL CHIP	15K	0.50%	1/16W	RB3021	1-234-375-21	RES, NETWORK 1K (1005X4)			
R7643	1-218-953-11	METAL CHIP	1K	5%	1/16W	RB3023	1-239-686-11	RESISTOR, NETWORK 1K			
R7646	1-208-939-11	METAL CHIP	150K	0.50%	1/16W	RB3030	1-234-378-21	RES, NETWORK 10K (1005X4)			
R7649	1-218-978-11	METAL CHIP	120K	5%	1/16W	RB3040	1-234-371-21	RES, NETWORK 47 (1005X4)			
R7652	1-218-990-81	SHORT CHIP				RB3041	1-239-690-81	RESISTOR, NETWORK 2.2K			
R7653	1-218-957-11	METAL CHIP	2.2K	5%	1/16W	RB3042	1-239-690-81	RESISTOR, NETWORK 2.2K			
R7658	1-239-674-81	RESISTOR, NETWORK 100				RB3043	1-239-670-81	RESISTOR, NETWORK 47			
R7660	1-218-953-11	METAL CHIP	1K	5%	1/16W	RB3061	1-234-370-21	RES, NETWORK 22 (1005X4)			
R7661	1-218-941-81	METAL CHIP	100	5%	1/16W	RB3802	1-239-698-11	RESISTOR, NETWORK 10K			

BM3 G2BE

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	
TRANSFORMER				CRYSTAL			
TB1000	1-780-489-12	S TERMINAL BLOCK (RIGHT)		X3000	1-814-288-21	VIBRATOR, CERAMIC	
TUNER				X3001	1-813-784-21	VIBRATOR, CRYSTAL	
TU7600	8-597-686-00	TUNER, FSS BTF-CA431T		X7200	1-814-261-21	VIBRATOR, CRYSTAL	
VARISTOR				<div>G2BE</div> 1-474-163-11 POWER UNIT (G2BE BOARD) (KDL-32S5100 ONLY) This board is manufactured by a 3rd party. Component level repair information is not available.			
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)					

HLR1 HSR IP1

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES	
<div>HLR1</div>				<div>IC</div>				
*	A-1650-550-A	HLR1 BOARD, MOUNTED		IC401	6-600-681-01	IC	RS-770N	
				IC402	6-600-680-01	PHOTO DIODE	BH1690FVC-TR	
<div>DIODE</div>				<div>TRANSISTOR</div>				
*	D301	6-502-294-01	DIODE	SML-D13M8WT86S	Q401	6-551-775-01	TRANSISTOR	2SA2122G0LS0
	D302	6-502-196-01	DIODE	SML-D12Y8WT86SP				
*	D303	6-502-294-01	DIODE	SML-D13M8WT86S	<div>RESISTOR</div>			
	D306	6-502-598-01	DIODE	SML-D12U8WT86	R401	1-218-949-11	METAL CHIP	4705%1/16W
<div>CHIP CONDUCTOR</div>				R402	1-218-937-11	METAL CHIP	475%1/16W	
JR301	1-216-864-11	SHORT CHIP		R403	1-218-990-81	SHORT CHIP		
JR302	1-216-864-11	SHORT CHIP		R404	1-218-955-11	METAL CHIP	1.5K5%1/16W	
<div>TRANSISTOR</div>				R406	1-218-990-81	SHORT CHIP		
Q301	6-551-815-01	TRANSISTOR	UNR52A1G0LS0	R407	1-218-979-11	METAL CHIP	150K5%1/16W	
Q302	6-551-815-01	TRANSISTOR	UNR52A1G0LS0	R408	1-218-965-11	METAL CHIP	10K5%1/16W	
Q303	6-551-815-01	TRANSISTOR	UNR52A1G0LS0	R409	1-218-971-11	METAL CHIP	33K5%1/16W	
Q306	6-551-815-01	TRANSISTOR	UNR52A1G0LS0	R411	1-218-953-11	METAL CHIP	1K5%1/16W	
<div>RESISTOR</div>				<div>IP1</div>				
R301	1-216-811-11	METAL CHIP	1505%1/10W	*	A-1660-720-A	IP1 BOARD, COMPLETE (KDL-40S5100 ONLY)		
R302	1-218-288-11	METAL CHIP	3005%1/10W		2-580-592-01	SCREW, +PSW M3X8		
R303	1-216-811-11	METAL CHIP	1505%1/10W		7-322-065-48	RUBBER, SILICONE RTV (KE-3490)		
R306	1-216-813-11	METAL CHIP	2205%1/10W	<div>CAPACITOR</div>				
<div>HSR</div>				C6003	1-114-595-11	FILM	0.47μF10%310V	
*	A-1650-551-A	HSR BOARD, MOUNTED		C6006	1-112-876-51	CERAMIC	470pF10%250V	
<div>CAPACITOR</div>				C6007	1-112-874-51	CERAMIC	220pF10%250V	
C401	1-112-068-11	CERAMIC CHIP	220pF10%50V	C6010	1-112-876-51	CERAMIC	470pF10%250V	
C402	1-100-909-11	CERAMIC CHIP	10μF10%6.3V	C6011	1-112-874-51	CERAMIC	220pF10%250V	
C404	1-100-916-11	CERAMIC CHIP	0.1μF10%16V	C6018	1-114-594-11	FILM	0.22μF10%310V	
C405	1-114-333-11	CERAMIC CHIP	47μF10%6.3V	C6019	1-114-323-11	CERAMIC CHIP	0.01μF10%50V	
C406	1-114-130-11	CERAMIC CHIP	1μF10%6.3V	C6020	1-114-868-11	CERAMIC CHIP	0.1μF10%50V	
<div>CONNECTOR</div>				C6024	1-112-876-51	CERAMIC	470pF10%250V	
*	CN401	1-821-132-11	HEADER ASSEMBLY (PRINT PWB)	C6100	1-114-323-11	CERAMIC CHIP	0.01μF10%50V	
*	CN402	1-819-472-11	HEADER ASSEMBLY (PRINT PWB)	C6101	1-100-831-91	CERAMIC CHIP	0.001μF2%50V	
<div>DIODE</div>				C6102	1-107-906-11	ELECT	10μF20%50V	
D402	6-501-734-01	DIODE	MAZ8056GMLS0	C6103	1-107-905-11	ELECT	4.7μF20%50V	
				C6105	1-100-912-11	CERAMIC CHIP	1μF10%25V	
				C6106	1-114-323-11	CERAMIC CHIP	0.01μF10%50V	
				C6108	1-114-325-11	CERAMIC CHIP	0.1μF10%25V	
				C6110	1-112-481-11	CERAMIC	470pF10%1KV	
				C6111	1-100-732-11	FILM	18000pF3%1KV	
				C6113	1-114-868-11	CERAMIC CHIP	0.1μF10%50V	
				C6114	1-100-912-11	CERAMIC CHIP	1μF10%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

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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	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	

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IP1

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
JR620	1-216-296-11	SHORT CHIP		Q6403	6-551-866-01	TRANSISTOR	RT1N14BC-TP-1
JR621	1-216-296-11	SHORT CHIP		Q6404	6-551-866-01	TRANSISTOR	RT1N14BC-TP-1
JR622	1-216-296-11	SHORT CHIP		Q6406	6-551-714-01	TRANSISTOR	INK0001AC1-T112A-1
JR623	1-216-296-11	SHORT CHIP		\triangle Q6502	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE
JR624	1-216-864-11	SHORT CHIP		Q6600	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE
JR625	1-216-296-11	SHORT CHIP		Q6601	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE
JR626	1-216-296-11	SHORT CHIP		\triangle Q6602	6-552-206-01	TRANSISTOR	TK10A60D
JR628	1-216-296-11	SHORT CHIP		\triangle Q6603	6-552-206-01	TRANSISTOR	TK10A60D
JR629	1-216-296-11	SHORT CHIP		Q6702	6-551-961-01	TRANSISTOR	INK0002AC1-T130A-1
JR630	1-216-296-11	SHORT CHIP		Q6703	6-551-961-01	TRANSISTOR	INK0002AC1-T130A-1
JR631	1-216-296-11	SHORT CHIP		Q6704	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
JR632	1-216-296-11	SHORT CHIP		Q6705	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
JR633	1-216-296-11	SHORT CHIP		Q6706	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
JR634	1-216-296-11	SHORT CHIP		Q6708	8-729-055-50	TRANSISTOR	2SC4357-T11-1E
JR635	1-216-296-11	SHORT CHIP		Q6709	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE
JR636	1-216-296-11	SHORT CHIP		Q6710	8-729-055-50	TRANSISTOR	2SC4357-T11-1E
JR637	1-216-864-11	SHORT CHIP		Q6711	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE
JR638	1-216-296-11	SHORT CHIP		RESISTOR			
JR639	1-216-296-11	SHORT CHIP		R6010	1-216-857-11	METAL CHIP	1M 5% 1/10W
JR640	1-216-296-11	SHORT CHIP		R6011	1-216-857-11	METAL CHIP	1M 5% 1/10W
JR641	1-216-296-11	SHORT CHIP		R6015	1-246-389-11	METAL CHIP	560K 0.50% 1/4W
JR642	1-216-296-11	SHORT CHIP		\triangle R6016	1-246-385-11	WIREWOUND	6.8 5% 8/5W
JR646	1-216-296-11	SHORT CHIP		R6017	1-208-830-11	METAL CHIP	100K 0.50% 1/10W
JR648	1-216-864-11	SHORT CHIP		R6018	1-208-846-11	METAL CHIP	470K 0.50% 1/10W
COIL				R6019	1-246-389-11	METAL CHIP	560K 0.50% 1/4W
L6000	1-457-472-11	LINE FILTER COIL		R6100	1-218-899-11	METAL CHIP	150K 0.50% 1/16W
L6151	1-406-657-11	INDUCTOR	4.7 μ H	R6102	1-218-823-11	METAL CHIP	100 0.50% 1/10W
L6400	1-414-183-41	INDUCTOR	10 μ H	R6103	1-218-873-11	METAL CHIP	12K 0.50% 1/10W
L6501	1-457-776-11	INDUCTOR	165 μ H	R6109	1-208-828-11	METAL CHIP	82K 0.50% 1/10W
L6550	1-457-626-11	INDUCTOR	260 μ H	R6111	1-218-903-11	METAL CHIP	220K 0.50% 1/10W
L6600	1-412-537-31	INDUCTOR	100 μ H	R6114	1-211-981-11	METAL CHIP	33 0.50% 1/10W
L6601	1-419-622-11	COIL, LINE FILTER		R6115	1-216-021-00	METAL CHIP	68 5% 1/10W
PHOTO COUPLER				R6116	1-216-021-00	METAL CHIP	68 5% 1/10W
PH6100	6-600-276-01	PHOTO COUPLER	PS2561AL1-1-V-W	R6117	1-216-833-11	METAL CHIP	10K 5% 1/10W
PH6200	6-600-276-01	PHOTO COUPLER	PS2561AL1-1-V-W	R6118	1-216-833-11	METAL CHIP	10K 5% 1/10W
PH6300	6-600-276-01	PHOTO COUPLER	PS2561AL1-1-V-W	R6120	1-216-361-00	METAL OXIDE	0.22 5% 2W
PH6302	6-600-276-01	PHOTO COUPLER	PS2561AL1-1-V-W	R6121	1-218-855-11	METAL CHIP	2.2K 0.50% 1/10W
TRANSISTOR				R6123	1-216-361-00	METAL OXIDE	0.22 5% 2W
Q6300	6-551-678-01	TRANSISTOR	2SA1364-T111-1DE	R6124	1-218-827-11	METAL CHIP	150 0.50% 1/10W
Q6302	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	R6150	1-216-819-11	METAL CHIP	680 5% 1/10W
Q6305	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	R6151	1-216-821-11	METAL CHIP	1K 5% 1/10W
Q6400	6-551-866-01	TRANSISTOR	RT1N14BC-TP-1	R6152	1-216-821-11	METAL CHIP	1K 5% 1/10W
Q6402	6-551-865-01	TRANSISTOR	RT1P14BC-TP-1	R6153	1-216-864-11	SHORT CHIP	

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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

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IP1 **IP2**

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		KD	
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-46S5100 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	C6531	1-162-919-11	CERAMIC CHIP	22pF	5%	50V
C6108	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C6532	1-162-919-11	CERAMIC CHIP	22pF	5%	50V
C6110	1-112-481-11	CERAMIC	470pF	10%	1KV	C6550	1-112-744-61	MYLAR	1μF	10%	450V
C6111	1-100-732-11	FILM	18000pF	3%	1KV	C6551	1-112-873-11	CERAMIC	100pF	10%	250V
C6113	1-114-868-11	CERAMIC CHIP	0.1μF	10%	50V	C6552	1-114-745-11	FILM	1μF	5%	450V
C6119	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C6559	1-112-481-11	CERAMIC	470pF	10%	1KV
C6150	1-114-328-11	CERAMIC CHIP	0.047μF	10%	50V	C6560	1-112-481-11	CERAMIC	470pF	10%	1KV
C6151	1-114-324-11	CERAMIC CHIP	0.022μF	10%	50V	C6561	1-112-481-11	CERAMIC	470pF	10%	1KV
C6152	1-112-229-21	ELECT	1500μF	20%	16V	C6562	1-112-481-11	CERAMIC	470pF	10%	1KV
C6153	1-112-229-21	ELECT	1500μF	20%	16V	C6568	1-112-481-11	CERAMIC	470pF	10%	1KV
C6155	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	C6569	1-112-481-11	CERAMIC	470pF	10%	1KV
C6160	1-112-241-21	ELECT	1000μF	20%	25V	C6570	1-112-481-11	CERAMIC	470pF	10%	1KV
C6161	1-114-324-11	CERAMIC CHIP	0.022μF	10%	50V	C6571	1-112-481-11	CERAMIC	470pF	10%	1KV
C6200	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C6574	1-114-293-11	ELECT(BLOCK)	220μF	20%	450V
C6201	1-162-927-11	CERAMIC CHIP	100pF	5%	50V	C6575	1-114-329-11	CERAMIC CHIP	0.47μF	10%	50V
C6202	1-107-902-11	ELECT	1μF	20%	50V	C6576	1-107-904-11	ELECT	3.3μF	20%	50V
C6203	1-100-139-31	FILM	0.001μF	5%	630V	C6577	1-114-328-11	CERAMIC CHIP	0.047μF	10%	50V
C6204	1-107-903-11	ELECT	2.2μF	20%	50V	C6578	1-112-527-91	CERAMIC CHIP	680pF	2%	50V
C6205	1-107-910-11	ELECT	100μF	20%	50V	C6600	1-112-744-61	MYLAR	1μF	10%	450V
C6206	1-100-831-91	CERAMIC CHIP	0.001μF	2%	50V	C6601	1-100-831-91	CERAMIC CHIP	0.001μF	2%	50V
C6250	1-128-949-31	ELECT	470μF	20%	16V	C6602	1-100-831-91	CERAMIC CHIP	0.001μF	2%	50V
C6251	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C6605	1-112-744-61	MYLAR	1μF	10%	450V
C6300	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	C6606	1-112-744-61	MYLAR	1μF	10%	450V
C6301	1-114-814-11	CERAMIC CHIP	0.33μF	10%	25V	C6607	1-114-868-11	CERAMIC CHIP	0.1μF	10%	50V
C6302	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	C6608	1-114-868-11	CERAMIC CHIP	0.1μF	10%	50V
C6303	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C6701	1-107-882-91	ELECT	100μF	20%	16V
C6304	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C6703	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C6311	1-114-868-11	CERAMIC CHIP	0.1μF	10%	50V	C6704	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C6317	1-100-831-91	CERAMIC CHIP	0.001μF	2%	50V	C6707	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V
C6400	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	C6708	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V
C6402	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	C6710	1-114-339-91	CERAMIC CHIP	3300pF	5%	50V
C6407	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C6712	1-114-339-91	CERAMIC CHIP	3300pF	5%	50V
C6408	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C6713	1-114-339-91	CERAMIC CHIP	3300pF	5%	50V
C6409	1-100-831-91	CERAMIC CHIP	0.001μF	2%	50V	C6714	1-114-339-91	CERAMIC CHIP	3300pF	5%	50V
C6410	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V	C6715	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C6504	1-100-831-91	CERAMIC CHIP	0.001μF	2%	50V	C6716	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
C6507	1-107-906-11	ELECT	10μF	20%	50V	C6718	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C6508	1-114-322-11	CERAMIC CHIP	0.0047μF	10%	50V	C6720	1-127-804-91	CERAMIC CHIP	100pF	1%	50V
C6509	1-114-322-11	CERAMIC CHIP	0.0047μF	10%	50V	C6721	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C6513	1-114-326-11	CERAMIC CHIP	0.22μF	10%	25V	C6722	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
C6518	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C6723	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C6519	1-107-908-11	ELECT	33μF	20%	50V	C6724	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V
C6522	1-114-329-11	CERAMIC CHIP	0.47μF	10%	50V	C6725	1-164-230-11	CERAMIC CHIP	220pF	5%	50V
C6523	1-107-906-11	ELECT	10μF	20%	50V	C6726	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
C6525	1-107-906-11	ELECT	10μF	20%	50V	C6727	1-114-323-11	CERAMIC CHIP	0.01μF	10%	50V

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IP2

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
C6728	1-114-323-11	CERAMIC CHIP	0.01 μ F 10% 50V	D6500	6-502-378-01	DIODE	MA22F2000LS0
C6729	1-100-912-11	CERAMIC CHIP	1 μ F 10% 25V	D6501	6-502-378-01	DIODE	MA22F2000LS0
C6730	1-162-927-11	CERAMIC CHIP	100pF 5% 50V	D6503	6-501-817-01	DIODE	MA2J1110GLS0
C6731	1-114-331-11	CERAMIC CHIP	4.7 μ F 10% 10V	D6504	6-501-817-01	DIODE	MA2J1110GLS0
C6732	1-107-882-91	ELECT	100 μ F 20% 16V	D6508	6-501-732-01	DIODE	MAZ8056G0LS0
C6733	1-100-912-11	CERAMIC CHIP	1 μ F 10% 25V	D6555	6-501-848-01	DIODE	S3K60
C6734	1-100-909-11	CERAMIC CHIP	10 μ F 10% 6.3V	D6556	6-501-848-01	DIODE	S3K60
C6737	1-114-868-11	CERAMIC CHIP	0.1 μ F 10% 50V	D6600	8-719-083-57	DIODE	UDZSUSTE-173.6B
C6740	1-114-325-11	CERAMIC CHIP	0.1 μ F 10% 25V	D6601	8-719-083-57	DIODE	UDZSUSTE-173.6B
C6741	1-114-325-11	CERAMIC CHIP	0.1 μ F 10% 25V	D6602	6-501-818-01	DIODE	MA2J1130GLS0
C6742	1-107-882-91	ELECT	100 μ F 20% 16V	D6603	6-501-818-01	DIODE	MA2J1130GLS0
C6743	1-114-325-11	CERAMIC CHIP	0.1 μ F 10% 25V	D6606	6-502-376-01	DIODE	FSF03B60
C6744	1-100-831-91	CERAMIC CHIP	0.001 μ F 2% 50V	D6607	6-502-376-01	DIODE	FSF03B60
C6745	1-112-781-11	CERAMIC CHIP	1 μ F 10% 10V	D6608	6-501-848-01	DIODE	S3K60
C6746	1-114-325-11	CERAMIC CHIP	0.1 μ F 10% 25V	D6609	6-501-848-01	DIODE	S3K60
C6747	1-100-831-91	CERAMIC CHIP	0.001 μ F 2% 50V	D6702	6-502-318-01	DIODE	MA4J1130GLS0
C6748	1-114-323-11	CERAMIC CHIP	0.01 μ F 10% 50V	D6703	6-502-318-01	DIODE	MA4J1130GLS0
C6749	1-114-325-11	CERAMIC CHIP	0.1 μ F 10% 25V	D6704	6-501-724-01	DIODE	MAZ8047G0LS0
C6750	1-100-831-91	CERAMIC CHIP	0.001 μ F 2% 50V	D6705	6-501-724-01	DIODE	MAZ8047G0LS0
C6751	1-114-325-11	CERAMIC CHIP	0.1 μ F 10% 25V	D6706	6-502-318-01	DIODE	MA4J1130GLS0
C6752	1-114-325-11	CERAMIC CHIP	0.1 μ F 10% 25V	D6707	6-501-740-01	DIODE	MAZ8068G0LS0
C6753	1-114-325-11	CERAMIC CHIP	0.1 μ F 10% 25V	D6708	6-501-740-01	DIODE	MAZ8068G0LS0
C6754	1-114-325-11	CERAMIC CHIP	0.1 μ F 10% 25V	D6709	6-501-817-01	DIODE	MA2J1110GLS0
C6760	1-114-329-11	CERAMIC CHIP	0.47 μ F 10% 50V	D6710	6-501-817-01	DIODE	MA2J1110GLS0
				D6711	6-501-817-01	DIODE	MA2J1110GLS0
				D6712	6-501-817-01	DIODE	MA2J1110GLS0
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				
*	CN6151	1-779-944-21	PIN, CONNECTOR (PC BOARD) 4P				
	CN6154	1-785-702-21	PIN, CONNECTOR (PC BOARD) 5P				
	CN6700	1-821-935-11	HEADER ASSEMBLY FOR PWB, MDF61				
*	CN6701	1-785-704-21	PIN, CONNECTOR (PC BOARD) 7P				
DIODE				FERRITE BEAD			
D6000	8-719-026-63	DIODE	D10XB60S	FB6100	1-412-911-11	FERRITE	0 μ H
D6001	6-501-817-01	DIODE	MA2J1110GLS0	FB6101	1-412-911-11	FERRITE	0 μ H
D6003	6-502-318-01	DIODE	MA4J1130GLS0	FB6500	1-412-911-11	FERRITE	0 μ H
D6103	8-719-979-64	DIODE	UF4005/23	FB6502	1-481-544-11	FERRITE	0 μ H
D6104	8-719-081-67	DIODE	M1FM3	FB6503	1-481-544-11	FERRITE	0 μ H
D6201	6-502-380-01	DIODE	AB01BV1	FB6504	1-412-911-11	FERRITE	0 μ H
D6203	6-500-567-31	DIODE	10ERB20-TB3	FB6600	1-410-396-41	FERRITE	0.45 μ H
D6204	6-500-567-31	DIODE	10ERB20-TB3	FB6601	1-410-396-41	FERRITE	0.45 μ H
D6250	6-501-526-01	DIODE	D1NS6-TR2	FB6602	1-410-396-41	FERRITE	0.45 μ H
D6302	6-501-737-01	DIODE	MAZ8062GLLS0	FB6603	1-410-396-41	FERRITE	0.45 μ H
D6305	6-502-318-01	DIODE	MA4J1130GLS0	FB6700	1-414-793-21	FERRITE	0 μ H
D6400	6-501-774-01	DIODE	MAZ8150G0LS0	FB6701	1-414-793-21	FERRITE	0 μ H

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IP2

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
IC				JR6165	1-216-295-91	SHORT CHIP	
IC6101	6-711-947-01	IC	MM1431CURE	JR6166	1-216-296-11	SHORT CHIP	
IC6200	6-708-801-01	IC	MIP2H2	JR6167	1-216-295-91	SHORT CHIP	
IC6501	6-713-007-01	IC	MM3313AFFE	JR6767	1-216-296-11	SHORT CHIP	
\triangle IC6701	6-702-877-01	IC	LD1117S50TR	JR6768	1-216-296-11	SHORT CHIP	
CHIP CONDUCTOR				JR6769	1-216-296-11	SHORT CHIP	
JR602	1-216-864-11	SHORT CHIP		JR6770	1-216-295-91	SHORT CHIP	
JR6001	1-216-296-11	SHORT CHIP		COIL			
JR6002	1-216-296-11	SHORT CHIP		L6000	1-457-691-11	LINE FILTER COIL	
JR6004	1-216-296-11	SHORT CHIP		L6001	1-457-691-11	LINE FILTER	COIL
JR6005	1-216-296-11	SHORT CHIP		L6151	1-406-657-11	INDUCTOR	4.7 μ H
JR6006	1-216-295-91	SHORT CHIP		L6400	1-414-183-41	INDUCTOR	10 μ H
JR6007	1-216-296-11	SHORT CHIP		L6550	1-457-626-11	INDUCTOR	260 μ H
JR6008	1-216-295-91	SHORT CHIP		L6600	1-412-537-31	INDUCTOR	100 μ H
JR6009	1-216-296-11	SHORT CHIP		L6601	1-419-622-11	COIL, LINE FILTER	
JR6010	1-216-295-91	SHORT CHIP		L6700	1-412-537-31	INDUCTOR	100 μ H
JR6011	1-216-295-91	SHORT CHIP		PHOTO COUPLER			
JR6012	1-216-296-11	SHORT CHIP		PH6100	6-600-276-01	PHOTO COUPLER	PS2561AL1-1-V-W
JR6013	1-216-296-11	SHORT CHIP		PH6200	6-600-276-01	PHOTO COUPLER	PS2561AL1-1-V-W
JR6014	1-216-864-11	SHORT CHIP		PH6300	6-600-276-01	PHOTO COUPLER	PS2561AL1-1-V-W
JR6016	1-216-295-91	SHORT CHIP		PH6302	6-600-276-01	PHOTO COUPLER	PS2561AL1-1-V-W
JR6017	1-216-296-11	SHORT CHIP		TRANSISTOR			
JR6018	1-216-295-91	SHORT CHIP		Q6300	8-729-804-41	TRANSISTOR	2SB1122-S
JR6019	1-216-295-91	SHORT CHIP		Q6302	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
JR6021	1-216-295-91	SHORT CHIP		Q6305	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
JR6022	1-216-864-11	SHORT CHIP		Q6400	6-551-866-01	TRANSISTOR	RT1N14BC-TP-1
JR6023	1-216-296-11	SHORT CHIP		Q6402	6-551-865-01	TRANSISTOR	RT1P14BC-TP-1
JR6024	1-216-295-91	SHORT CHIP		Q6403	6-551-866-01	TRANSISTOR	RT1N14BC-TP-1
JR6101	1-216-295-91	SHORT CHIP		Q6404	6-551-866-01	TRANSISTOR	RT1N14BC-TP-1
JR6102	1-216-296-11	SHORT CHIP		Q6406	6-551-714-01	TRANSISTOR	INK0001AC1-T112A-1
JR6105	1-216-296-11	SHORT CHIP		Q6504	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
JR6106	1-216-295-91	SHORT CHIP		Q6505	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
JR6151	1-216-295-91	SHORT CHIP		Q6507	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
JR6152	1-216-295-91	SHORT CHIP		Q6551	6-551-336-01	TRANSISTOR	2SK3934(LBS1SONY.Q
JR6153	1-216-296-11	SHORT CHIP		Q6552	6-551-336-01	TRANSISTOR	2SK3934(LBS1SONY.Q
JR6154	1-216-296-11	SHORT CHIP		Q6600	8-729-804-41	TRANSISTOR	2SB1122-S
JR6155	1-216-296-11	SHORT CHIP		Q6601	8-729-804-41	TRANSISTOR	2SB1122-S
JR6156	1-216-295-91	SHORT CHIP		Q6602	6-551-713-01	TRANSISTOR	2SK3569(LBS1SONY.Q
JR6157	1-216-295-91	SHORT CHIP		Q6603	6-551-713-01	TRANSISTOR	2SK3569(LBS1SONY.Q
JR6158	1-216-295-91	SHORT CHIP		Q6702	6-551-714-01	TRANSISTOR	INK0001AC1-T112A-1
JR6160	1-216-296-11	SHORT CHIP		Q6703	6-551-714-01	TRANSISTOR	INK0001AC1-T112A-1
JR6161	1-216-296-11	SHORT CHIP		Q6704	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
JR6162	1-216-864-11	SHORT CHIP					
JR6164	1-216-295-91	SHORT CHIP					

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IP2


REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
Q6705	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF			R6252	1-216-805-11	METAL CHIP	47	5%	1/10W
Q6706	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF			R6253	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
Q6708	8-729-820-90	TRANSISTOR	2SD1621-ST			R6254	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
Q6709	8-729-804-41	TRANSISTOR	2SB1122-S			R6255	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
Q6710	8-729-820-90	TRANSISTOR	2SD1621-ST			R6300	1-216-857-11	METAL CHIP	1M	5%	1/10W
Q6711	8-729-804-41	TRANSISTOR	2SB1122-S								
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
⚠ R6016	1-246-385-11	WIREWOUND	6.8	5%	8/5W						
R6017	1-208-830-11	METAL CHIP	100K	0.50%	1/10W	R6308	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R6018	1-208-846-11	METAL CHIP	470K	0.50%	1/10W	R6309	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6019	1-246-389-11	METAL CHIP	560K	0.50%	1/4W	R6310	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6100	1-218-899-11	METAL CHIP	150K	0.50%	1/16W	R6311	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6102	1-218-823-11	METAL CHIP	100	0.50%	1/10W	R6312	1-218-891-11	METAL CHIP	68K	0.50%	1/10W
R6103	1-218-873-11	METAL CHIP	12K	0.50%	1/10W						
R6109	1-208-828-11	METAL CHIP	82K	0.50%	1/10W	R6313	1-218-913-91	METAL CHIP	560K	0.50%	1/10W
R6111	1-218-903-11	METAL CHIP	220K	0.50%	1/10W	R6314	1-218-891-11	METAL CHIP	68K	0.50%	1/10W
R6114	1-211-981-11	METAL CHIP	33	0.50%	1/10W	R6318	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R6115	1-216-021-00	METAL CHIP	68	5%	1/10W	R6329	1-249-385-11	CARBON	2.2	5%	1/4W
						R6333	1-216-809-11	METAL CHIP	100	5%	1/10W
R6116	1-216-021-00	METAL CHIP	68	5%	1/10W						
R6117	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6335	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6118	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6336	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6120	1-216-361-00	METAL OXIDE	0.22	5%	2W	R6338	1-216-864-11	SHORT CHIP			
R6121	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W	R6403	1-216-821-11	METAL CHIP	1K	5%	1/10W
						R6404	1-216-864-11	SHORT CHIP			
R6123	1-216-361-00	METAL OXIDE	0.22	5%	2W						
R6124	1-218-827-11	METAL CHIP	150	0.50%	1/10W	R6405	1-216-839-11	METAL CHIP	33K	5%	1/10W
R6150	1-216-819-11	METAL CHIP	680	5%	1/10W	R6406	1-216-817-11	METAL CHIP	470	5%	1/10W
R6151	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6407	1-216-839-11	METAL CHIP	33K	5%	1/10W
R6152	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6410	1-216-833-11	METAL CHIP	10K	5%	1/10W
						R6414	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6153	1-216-864-11	SHORT CHIP									
R6154	1-218-877-11	METAL CHIP	18K	0.50%	1/10W	R6418	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6155	1-218-823-11	METAL CHIP	100	0.50%	1/10W	R6421	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6156	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W	R6422	1-216-809-11	METAL CHIP	100	5%	1/10W
R6157	1-216-841-11	METAL CHIP	47K	5%	1/10W	R6424	1-216-833-11	METAL CHIP	10K	5%	1/10W
						R6428	1-216-864-11	SHORT CHIP			
R6158	1-216-841-11	METAL CHIP	47K	5%	1/10W	⚠ R6500	1-220-926-81	FUSIBLE	0.47	10%	1/2W
R6159	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R6501	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R6200	1-246-188-51	FUSIBLE	10	5%	1/2W	R6502	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R6201	1-218-865-11	METAL CHIP	5.6K	0.50%	1/10W	R6503	1-208-814-91	METAL CHIP	22K	0.50%	1/10W
R6202	1-243-725-71	METAL OXIDE	100K	5%	1W	R6504	1-218-839-11	METAL CHIP	470	0.50%	1/10W
R6203	1-249-385-11	CARBON	2.2	5%	1/4W	R6505	1-218-839-11	METAL CHIP	470	0.50%	1/10W
R6250	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6507	1-245-118-91	METAL CHIP	2.2M	0.50%	1/10W
R6251	1-216-827-11	METAL CHIP	3.3K	5%	1/10W	R6508	1-208-814-91	METAL CHIP	22K	0.50%	1/10W
						R6510	1-216-837-11	METAL CHIP	22K	5%	1/10W
						R6521	1-208-854-11	METAL CHIP	1M	0.50%	1/10W


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

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IP2


REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
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
R6607	1-216-049-11	METAL CHIP	1K	5%	1/10W	R6747	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6608	1-216-049-11	METAL CHIP	1K	5%	1/10W	R6748	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6609	1-216-049-11	METAL CHIP	1K	5%	1/10W	R6749	1-218-905-11	METAL CHIP	270K	0.50%	1/10W
R6611	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R6750	1-218-883-11	METAL CHIP	33K	0.50%	1/10W
R6613	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R6751	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6614	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6752	1-218-911-11	METAL CHIP	470K	0.50%	1/10W
R6615	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6753	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
R6616	1-216-857-11	METAL CHIP	1M	5%	1/10W	R6754	1-216-833-11	METAL CHIP	10K	5%	1/10W


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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
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									

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REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
<u>ACCESSORIES AND PACKING</u>							
		1-835-326-11	AC POWER CORD (WITH CONNECTOR) (CHILE/PERU ONLY)		4-129-401-11	MANUAL, INSTRUCTION (ENGLISH VERSION)	
		1-835-923-11	AC POWER CORD (WITH CONNECTOR) (KDL-32S5100/40S5100 US/CND/MX/LATIN ONLY)		4-129-401-21	MANUAL, INSTRUCTION (FRENCH VERSION)	
		1-836-677-11	AC POWER CORD (WITH CONNECTOR) (KDL-46S5100 US/CND/MX/LATIN ONLY)		4-129-401-31	MANUAL, INSTRUCTION (SPANISH VERSION)	
*		2-678-264-01	BAG, PROTECTION (32) (KDL-32S5100 ONLY)		<u>MISCELLANEOUS</u>		
*		3-290-788-11	BAG, PROTECTION (40) (KDL-40S5100 ONLY)		4-138-237-01	LVDS, HOLDER (46S5100 ONLY)	
*		2-657-860-01	BAG, PROTECTION (KDL-46S5100 ONLY)				
*		3-213-717-01	BAG, PROTECTION (STAND) (KDL-32S5100/40S5100 ONLY)		X-2342-671-2	SCREW BAG ASSY	
*		3-287-548-11	BAG, PROTECTION (STAND) (KDL-46S5100 ONLY)		Contains the 3 items listed below:		
		X-2345-106-1	CARTON ASSY (KDL-32S5100 ONLY)		4-127-151-02	INSTRUCTION, STAND	
		X-2345-107-1	CARTON ASSY (KDL-40S5100 ONLY)		4-135-806-01	BAG, SCREW	
*		X-2345-879-1	CARTON ASSY (KDL-46S5100 ONLY)		2-580-608-01	SCREW, +PSW M5X16	
					(SCREWS TO ATTACH TABLE-TOP STAND TO LCD TV)		
*		4-122-350-01	CUSHION, LOWER (32) (KDL-32S5100 ONLY)		For product protection and safety reasons, Sony strongly recommends that you use the screws provided with the TV.		
*		4-122-355-01	CUSHION, LOWER (40) (KDL-40S5100 ONLY)		CAUTION: These screws cannot be used to secure the TV to the Wall Mount Brackets.		
*		4-122-359-01	CUSHION, LOWER (46) (KDL-46S5100 ONLY)				
*		4-122-349-01	CUSHION, UPPER (32) (KDL-32S5100 ONLY)	*	4-118-490-11	SHEET, PROTECTION (BOTTOM)	
*		4-122-354-01	CUSHION, UPPER (40) (KDL-40S5100 ONLY)	*	4-118-490-51	SHEET, PROTECTION (TOP)	
*		4-122-358-01	CUSHION, UPPER (46) (KDL-46S5100 ONLY)		X-2348-141-2	SUPPORT BELT KIT (KDL-32S5100 ONLY)	
		3-299-071-01	FLYER, SAFETY		Contains the 5 items listed below:		
		4-129-402-11	GUIDE, QUICK SETUP (ENGLISH VERSION)		2-580-604-01	SCREW, +PSW M4x20	
		4-129-402-21	GUIDE, QUICK SETUP (FRENCH VERSION)		2-580-639-01	SCREW, +BVTP 4x12 Type 2 IT-3;	
		4-129-402-31	GUIDE, QUICK SETUP (SPANISH VERSION)		2-580-663-02	SCREW, WOOD 3.8x20	
					4-124-351-01	BRACKET, FALL LOCK	
					4-133-849-02	BELT, FALL LOCK	
					X-2348-140-2	SUPPORT BELT KIT (KDL-40S5100/46S5100 ONLY)	
					Contains the 3 items listed below:		
					2-580-604-01	SCREW, +PSW M4x20	
					2-580-663-02	SCREW, WOOD 3.8x20	
					4-133-849-02	BELT, FALL LOCK	
					7-632-452-24	TAPE (NO.303) 18MMX35M YEL	
					2-688-010-01	TAPE, SHIELD (40X20)	
					1-910-055-60	WIRE ASSY, LUG TERMINAL (KDL-32S5100 ONLY)	
					<u>REMOTE COMMANDER</u>		
					1-487-180-11	REMOTE COMMANDER (RM-YD028)	
					9-885-117-43	BATTERY COVER (for RM-YD028)	

Sony Corporation
Sony Technology Center
Technical Services
Service Promotion Department

9-883-810-04

KDL-32S5100/40S5100/46S5100




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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.