

## HISTORY INFORMATION FOR THE FOLLOWING MANUAL:

# SERVICE MANUAL

# MA1 CHASSIS

| <u>MODEL NAME</u>  | <u>REMOTE COMMANDER</u> | <u>DESTINATION</u>      |
|--------------------|-------------------------|-------------------------|
| <b>KDL-26M3000</b> | RM-YD021                | US/CANADA               |
| <b>KDL-26M3000</b> | RM-YD021                | LATIN NORTH/LATIN SOUTH |
| <b>KDL-26ML130</b> | RM-YD021                | US/CANADA               |
| <b>KDL-32M3000</b> | RM-YD021                | US/CANADA               |
| <b>KDL-32M3000</b> | RM-YD021                | LATIN NORTH/LATIN SOUTH |
| <b>KDL-32ML130</b> | RM-YD021                | US/CANADA               |

**ORIGINAL MANUAL ISSUE DATE: 7/2007**

 :UPDATED ITEM

| REVISION DATE | SUBJECT                                                                                                                  |
|---------------|--------------------------------------------------------------------------------------------------------------------------|
| 7/2007        | No revisions or updates are applicable at this time.                                                                     |
| 9/2007        | PC Audio Input specification updated. Replaced Page 4.<br>Added Battery Cover PN for Remote Commander. Replaced Page 93. |
| 12/2007       | Corrected LED blink count for Audio error. Replaced Page 11.                                                             |
| 3/2008        | Corrected PN for screws to connect Stand. Replaced Page 12 & 67.                                                         |

LCD DIGITAL COLOR TELEVISION

**SONY**®

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| <b>KDL-32ML130</b> | RM-YD021                | US/CANADA               |



KDL-32M3000



RM-YD021

LCD DIGITAL COLOR TELEVISION

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## TABLE OF CONTENTS

| SECTION TITLE                                                          | PAGE      | SECTION TITLE                                      | PAGE       |
|------------------------------------------------------------------------|-----------|----------------------------------------------------|------------|
| Specifications .....                                                   | 4         | 3-5. Schematics and Supporting Information .....   | 44         |
| Warnings and Cautions .....                                            | 6         | BM Board Schematic Diagram (1 of 12) .....         | 44         |
| Safety-Related Component Warning .....                                 | 7         | BM Board Schematic Diagram (2 of 12) .....         | 45         |
| Safety Check-Out .....                                                 | 9         | BM Board Schematic Diagram (3 of 12) .....         | 46         |
| Self-Diagnostic Function .....                                         | 10        | BM Board Schematic Diagram (4 of 12) .....         | 47         |
| <b>SECTION 1: DISASSEMBLY .....</b>                                    | <b>12</b> | BM Board Schematic Diagram (5 of 12) .....         | 48         |
| 1-1. Rear Cover Removal .....                                          | 12        | BM Board Schematic Diagram (6 of 12) .....         | 49         |
| 1-2. Arm, Under Cover and Stand Removal .....                          | 12        | BM Board Schematic Diagram (7 of 12) .....         | 50         |
| 1-3. HM1 Board Removal .....                                           | 13        | BM Board Schematic Diagram (8 of 12) .....         | 51         |
| 1-4. UM Board and Jack Holder Removal .....                            | 13        | BM Board Schematic Diagram (9 of 12) .....         | 52         |
| 1-5. Speaker, Light Guide and HM3 Board Removal .....                  | 14        | BM Board Schematic Diagram (10 of 12) .....        | 53         |
| 1-6. BM Board Removal .....                                            | 14        | BM Board Schematic Diagram (11 of 12) .....        | 54         |
| 1-7. G1 Bracket and G1M Board Removal .....                            | 15        | BM Board Schematic Diagram (12 of 12) .....        | 55         |
| 1-8. VESA Bracket Removal .....                                        | 15        | G1M Board Schematic Diagram .....                  | 57         |
| 1-9. LCD Panel/Bracket and LED Light Guide Removal .....               | 16        | HM1 Board Schematic Diagram .....                  | 60         |
| Wire Dressing .....                                                    | 17        | HM3 Board Schematic Diagram .....                  | 62         |
| KDL-26M3000/26ML130 Only .....                                         | 17        | UM Board Schematic Diagram .....                   | 64         |
| KDL-32M3000/32ML130 Only .....                                         | 27        | 3-6. Semiconductors .....                          | 66         |
| <b>SECTION 2: SERVICE ADJUSTMENTS .....</b>                            | <b>38</b> | <b>SECTION 4: EXPLODED VIEWS .....</b>             | <b>67</b>  |
| 2-1. Using the Remote Commander for Electrical Adjustments ..          | 38        | 4-1. Rear Cover Assembly and Stand Assembly .....  | 67         |
| 2-2. Accessing Service Adjustment Mode .....                           | 38        | 4-2. Chassis .....                                 | 68         |
| 2-3. Viewing the Service Menus .....                                   | 39        | 4-3. Connectors .....                              | 69         |
| 2-4. Resetting to Factory Defaults .....                               | 39        | 4-4. Bezel Assembly, LCD Panel and Speakers .....  | 70         |
| <b>SECTION 3: DIAGRAMS .....</b>                                       | <b>40</b> | <b>SECTION 5: ELECTRICAL PARTS LIST .....</b>      | <b>71</b>  |
| 3-1. Circuit Boards Location .....                                     | 40        | <b>APPENDIX A: ENCRYPTION KEY COMPONENTS .....</b> | <b>A-1</b> |
| 3-2. Printed Wiring Boards and<br>Schematic Diagrams Information ..... | 40        |                                                    |            |
| 3-3. Block Diagram .....                                               | 42        |                                                    |            |
| 3-4. Connection Diagram .....                                          | 43        |                                                    |            |

## SPECIFICATIONS

**Power Requirements** 120V AC, 60Hz  
220V, 50/60 Hz (Chile, Perú)

### Video (IN) 1/2/3

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

Y: 1.0 Vp-p, 75 ohms unbalanced, sync negative  
C: 0.286 Vp-p (Burst signal), 75 ohms

#### Video

1.0 Vp-p, 75ohms unbalanced, sync negative

#### Audio

500 mVrms (100% modulation)  
Impedance: 47 kilohms

### COMPONENT IN 1/2

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

Y: 1.0 Vp-p, 75 ohms unbalanced, sync negative  
P<sub>B</sub>: 0.7 Vp-p, 75 ohms  
P<sub>R</sub>: 0.7 Vp-p, 75 ohms  
Signal format: 480i, 480p, 720p, 1080i

#### AUDIO

500 mVrms (100% modulation)  
Impedance: 47 kilohms

### HDMI IN 1/2:

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

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

**AUDIO:** (HDMI IN 2 only) 500 mVrms (100% modulation)  
Impedance: 47 kilohms

### AUDIO OUT:

500 mVrms (100% modulation)  
More than 1 Vrms at the maximum volume setting (Variable)  
More than 500 mVrms (Fixed)

### PC IN:

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



### PC AUDIO INPUT:

Stereo mini jack, 500 mVrms, 47 kilohm

### HEADPHONES:

Stereo mini jack  
Impedance: ≥ 16 ohms

## Trademark Information

Manufactured under license from Dolby Laboratories. "Dolby" and double-D symbol are trademarks of Dolby Laboratories.

This TV incorporates High-Definition Multimedia Interface (HDMI™) technology. HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI Licensing LLC.

Blu-ray is a trademark. "BRAVIA" and BRAVIA, , and PS3 are trademarks or registered marks of Sony Corporation.



*Design and specifications are subject to change without notice.*



|                                                     | KDL-26M3000                                                                       | KDL-26ML130 | KDL-32M3000                                                                       | KDL-32ML130 |
|-----------------------------------------------------|-----------------------------------------------------------------------------------|-------------|-----------------------------------------------------------------------------------|-------------|
| Power Consumption<br>in use<br>in standby           | 135W                                                                              |             | 170W                                                                              |             |
|                                                     | Less than 1W                                                                      |             |                                                                                   |             |
| Speaker Output (W)<br>mm<br>in                      | 10W + 10W                                                                         |             |                                                                                   |             |
|                                                     | 146 x 35 mm<br>5 <sup>3/4</sup> x 1 <sup>3/8</sup> in                             |             |                                                                                   |             |
| Dimensions (W x H x D)<br>with stand<br>mm<br>in    | 662 x 515 x 214 mm<br>26 <sup>1/8</sup> x 20 <sup>3/8</sup> x 8 <sup>1/2</sup> in |             | 796 x 590 x 214 mm<br>31 <sup>3/8</sup> x 23 <sup>1/4</sup> x 8 <sup>1/2</sup> in |             |
|                                                     |                                                                                   |             |                                                                                   |             |
| Dimensions (W x H x D)<br>without stand<br>mm<br>in | 662 x 468 x 108 mm<br>26 <sup>1/8</sup> x 18 <sup>1/2</sup> x 4 <sup>3/8</sup> in |             | 796 x 544 x 100 mm<br>31 <sup>3/8</sup> x 21 <sup>1/2</sup> x 4 in                |             |
|                                                     |                                                                                   |             |                                                                                   |             |
| Mass<br>with stand<br>kg<br>lbs                     | 13 kg<br>29 lbs                                                                   |             | 16 kg<br>36 lbs                                                                   |             |
|                                                     |                                                                                   |             |                                                                                   |             |
| without stand<br>kg<br>lbs                          | 11 kg<br>25 lbs                                                                   |             | 14 kg<br>31 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 | Digital |
|-------------|--------|---------|
| Terrestrial | 2-69   | 2-69    |
| Cable       | 1-125  | 1-135   |

**Antenna**

75-ohm external terminal for VHF/UHF

**Panel System**

LCD (Liquid Crystal Display) Panel

**Display Resolution (horizontal x vertical):**

1,366 dots x 768 lines

**Screen Size (measured diagonally)**

approx. 26 inches (KDL-26M3000/26ML130 Only)

approx. 31.5 inches (KDL-32M3000/32ML130 Only)

**Supplied Accessories**

Remote Commander RM-YD021  
 Two Size AA (R6) Batteries  
 AC Power Cord  
 Suport Belt, Securing Screw, and Wood Screw  
 Cable Holder  
 Operating Instructions  
 Quick Setup Guide  
 Warranty Card  
 Online Registration Card  
 Wall-Mount Instructions

**Optional Accessories**

Headphones Plug Adapter  
 Connecting Cables  
 Wall-Mount Bracket  
 SU-WL100 (KDL-26M3000/26ML130 Only)  
 SU-WL500 (KDL-32M3000/32ML130 Only)  
 HD15-HD15 Cable  
 75-ohm Coaxial Cable

## WARNINGS AND CAUTIONS

### CAUTION

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

### CARRYING THE TV

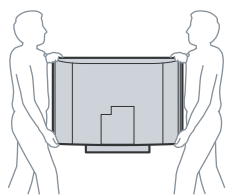
To avoid dropping the TV and causing serious injury, be sure to follow these guidelines:

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

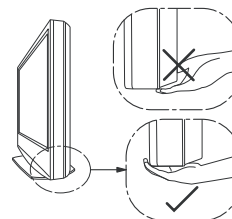
KDL-26M3000/26ML130



KDL-32M3000/32ML130



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



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

### WARNING!!

An isolation transformer should be used during any service to avoid possible shock hazard, because of live chassis. The chassis of this receiver is directly connected to the ac power line.



### SAFETY-RELATED COMPONENT WARNING!!

Components identified by shading and ⚠ mark on the schematic diagrams, exploded views, and in the parts list are critical for safe operation. Replace these components with Sony parts whose part numbers appear as shown in this manual or in supplements published by Sony. Circuit adjustments that are critical for safe operation are identified in this manual. Follow these procedures whenever critical components are replaced or improper operation is suspected.

### ATTENTION!!

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

### POUR TRANSPORTER LE TÉLÉVISEUR

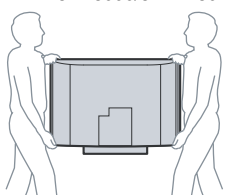
Assurez-vous de suivre ces consignes pour éviter de laisser tomber le téléviseur et de provoquer des blessures graves :

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

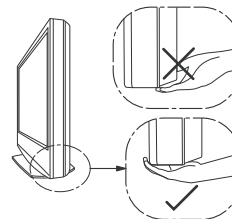
KDL-26M3000/26ML130



KDL-32M3000/32ML130



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



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

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



### ATTENTION AUX COMPOSANTS RELATIFS A LA SECURITE!!

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

## SAFETY-RELATED COMPONENT WARNING

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

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

## USE CAUTION WHEN HANDLING THE LCD PANEL

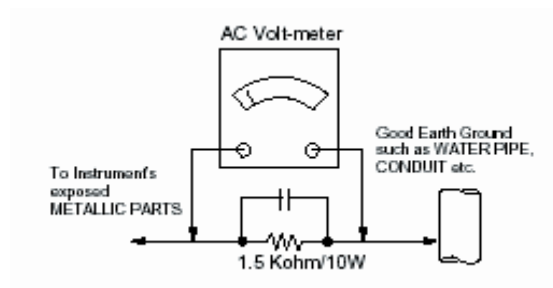
**When repairing the LCD panel, be sure you are grounded by using a wrist band.**

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

### To avoid damaging the LCD panel:

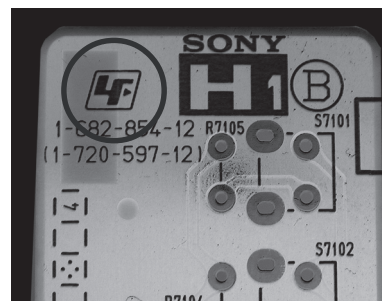
- do not press on the panel or frame edge to avoid the risk of electric shock.
- do not scratch or press on the panel with any sharp objects.
- do not leave the module in high temperatures or in areas of high humidity for an extended period of time.
- do not expose the LCD panel to direct sunlight.
-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

## LEAKAGE CURRENT HOT CHECK CIRCUIT



**example 1**

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



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

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

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

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

## SAFETY CHECK-OUT

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

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

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

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

### How to Find a Good Earth Ground

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

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

### Leakage Test

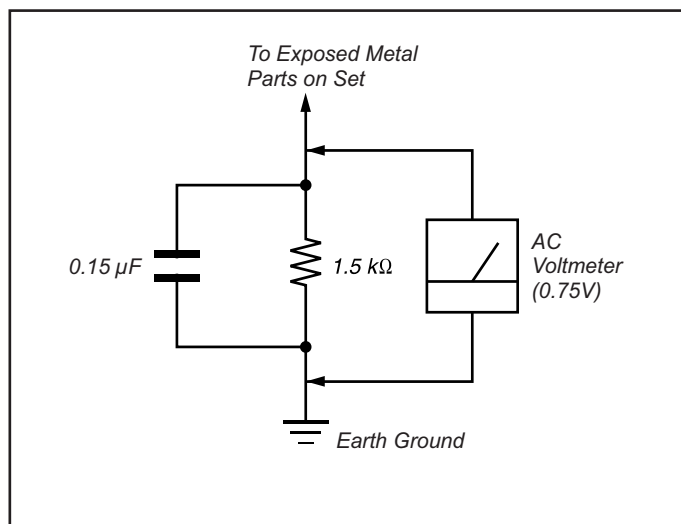


Figure A. Using an AC voltmeter to check AC leakage.

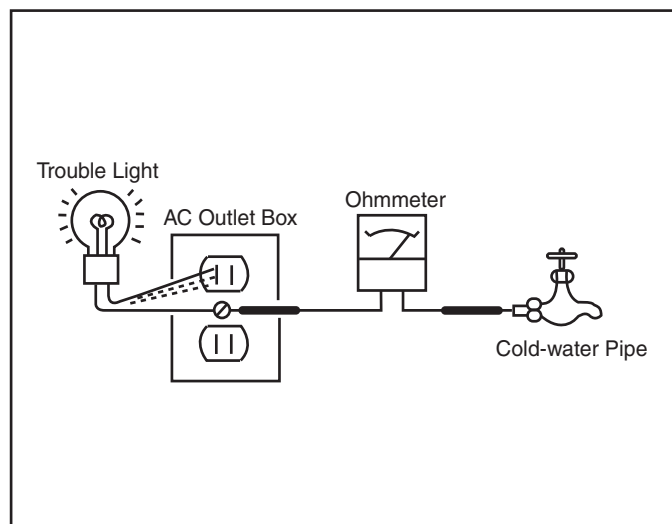


Figure B. Checking for earth ground.

## SELF-DIAGNOSTIC FUNCTION

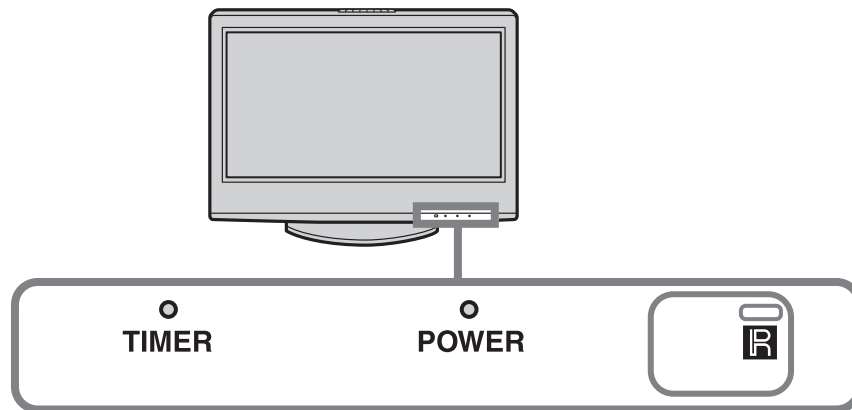


The units in this manual contain a self-diagnostic function. If an error occurs, the TIMER LED indicator will automatically begin to flash. The number of times the LED flashes translates to a probable source of the problem. A definition of the TIMER LED flash indicators is listed in the instruction manual 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 TIMER LED indicator will flash a set number of times to indicate the possible cause of the problem. If there is more than one error, the indicator will identify the first of the problem areas.

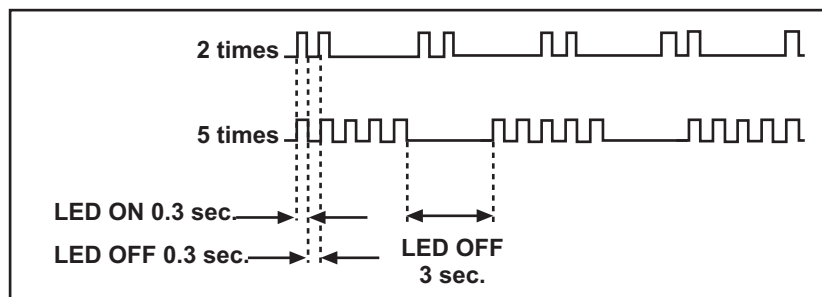
#### Control Buttons



#### Description of LED Indicators

| LED       | LED Type            | Description                                                        |
|-----------|---------------------|--------------------------------------------------------------------|
| POWER LED | Green LED           | * Light is green when the TV set is on                             |
| TIMER LED | Amber/Green/Red LED | * Light is green when the <b>Picture Off</b> feature is activated. |
|           |                     | * Light is amber when the timer is set.                            |
|           |                     | * Blinks red when indicating the TV may need servicing             |

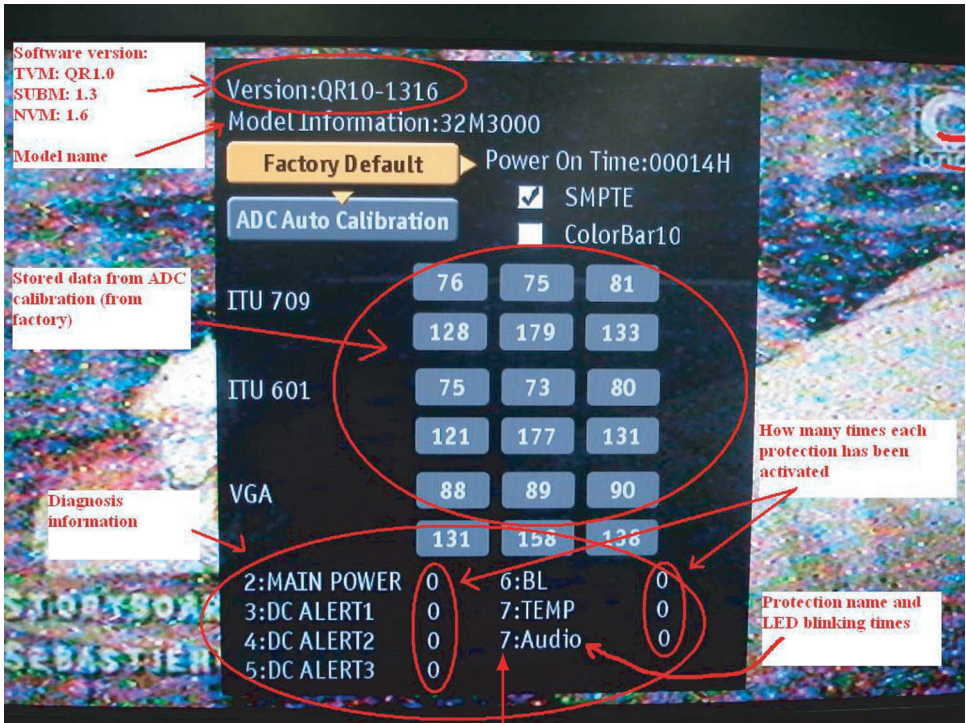
#### Display of TIMER LED Flash Count



Viewing the Self Check Diagnostic List

- 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 [+]  
The Self Check list displays.      ↑ This is the SAME as accessing Service Adjustments.

Results for all of the following diagnostic items are displayed at the bottom of the screen. No error has occurred if the screen displays a “0”.



NOTE: The On Screen Displays shows 7, but it should be 8 for Audio.

|               |   |                    |   |                                     |
|---------------|---|--------------------|---|-------------------------------------|
| 2: MAIN_POWER | 0 | 6: BL (Back Light) | 0 | ← 0 indicates no error was detected |
| 3: DC_ALERT1  | 0 | 7: TEMP            | 1 | ← 1 indicates an error was detected |
| 4: DC_ALERT2  | 0 | 8: Audio           | 0 |                                     |
| 5: DC_ALERT3  | 0 |                    |   |                                     |

Clearing the Self Check Diagnostic List

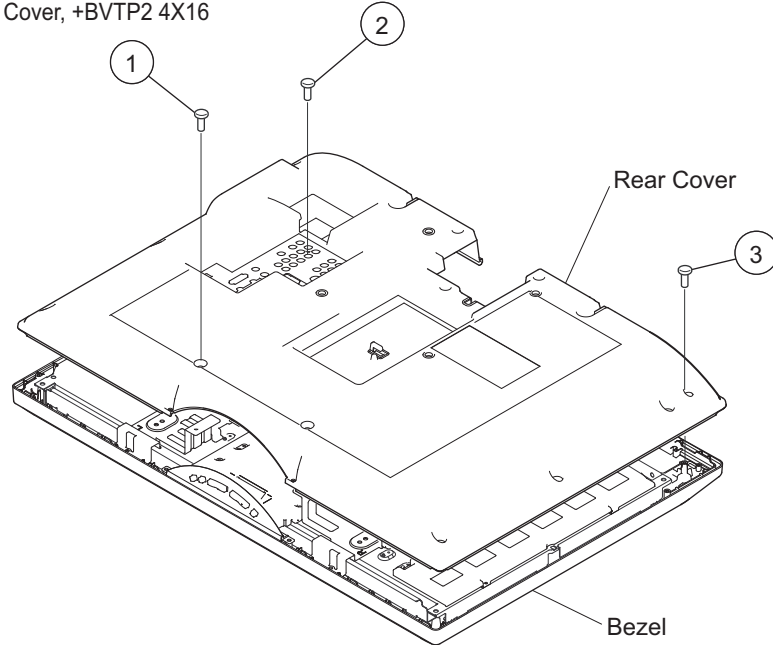
- 1. In Service Mode, press the Channel [8] → Channel [0].



## SECTION 1: DISASSEMBLY

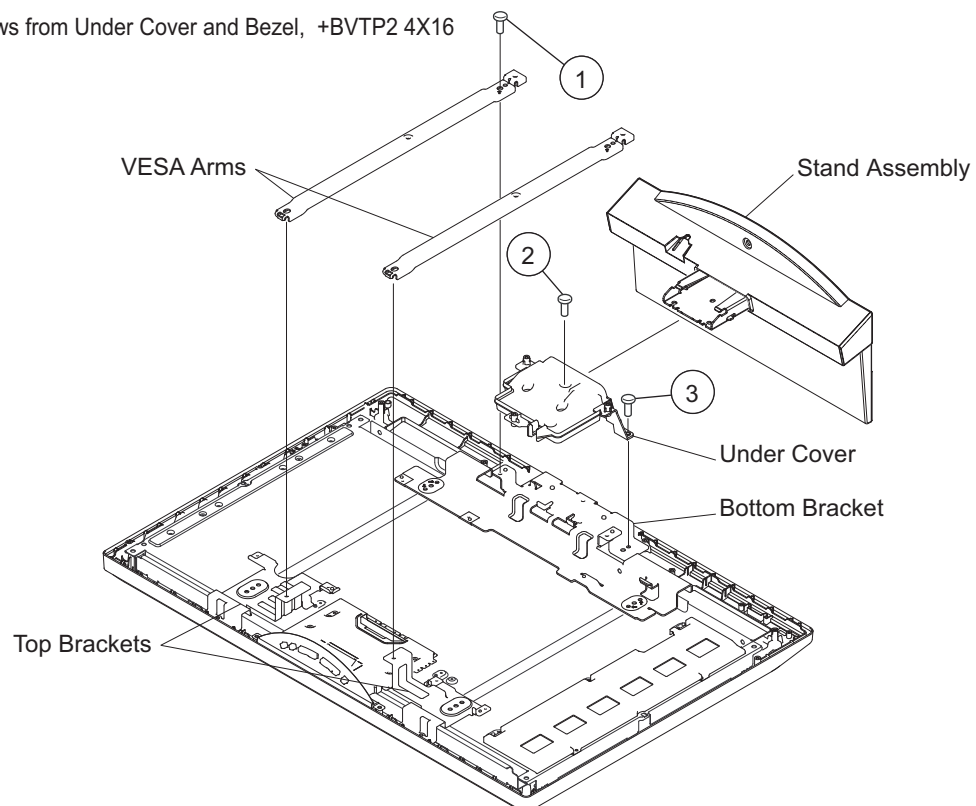
### 1-1. REAR COVER REMOVAL

- ① Remove 2 screws from Rear Cover arm positions, +PSW M5X16
- ② Remove 2 screws from Terminals, +BVTP 3X12 TYPE2 TT(B)
- ③ Remove 14 screws from Rear Cover, +BVTP2 4X16



### 1-2. ARM, UNDER COVER AND STAND REMOVAL

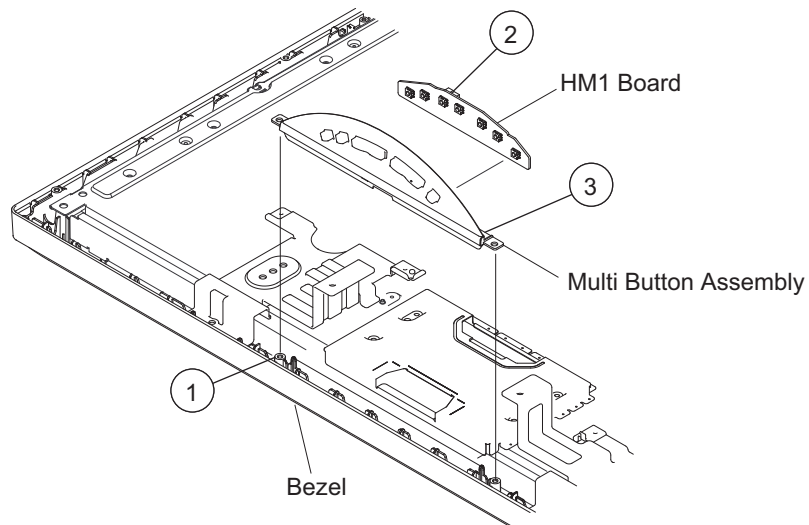
- ① Remove 2 screws from bottom of VESA Arms, +PSW M5X16
- ② Remove 3 screws from Under Cover and Stand, +PSW M5X16
- ③ Remove 2 screws from Under Cover and Bezel, +BVTP2 4X16





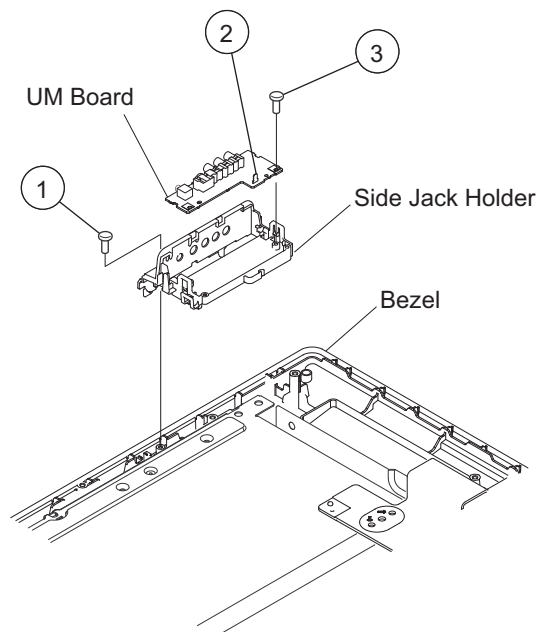
### 1-3. HM1 BOARD REMOVAL

- ① Remove from bezel
- ② Disconnect one connector
- ③ Release hooks and remove HM1 Board



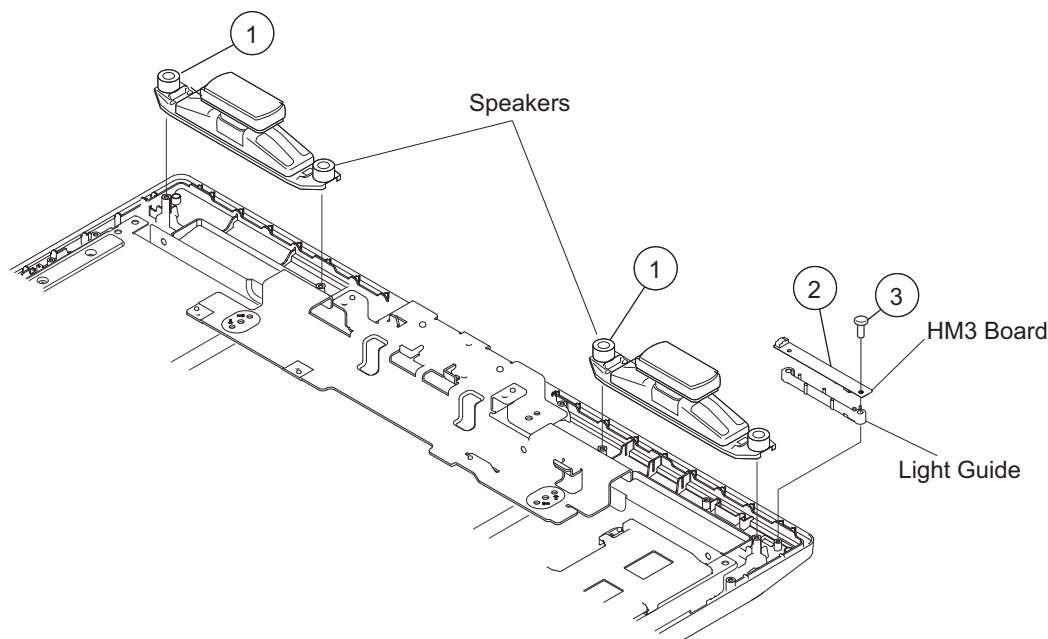
### 1-4. UM BOARD AND JACK HOLDER REMOVAL

- ① Remove one screw, +BVTP 3X12 TYPE2 TT(B)
- ② Disconnect 2 connectors
- ③ Remove 2 screws, +BVTP 3X12 TYPE2 TT(B)



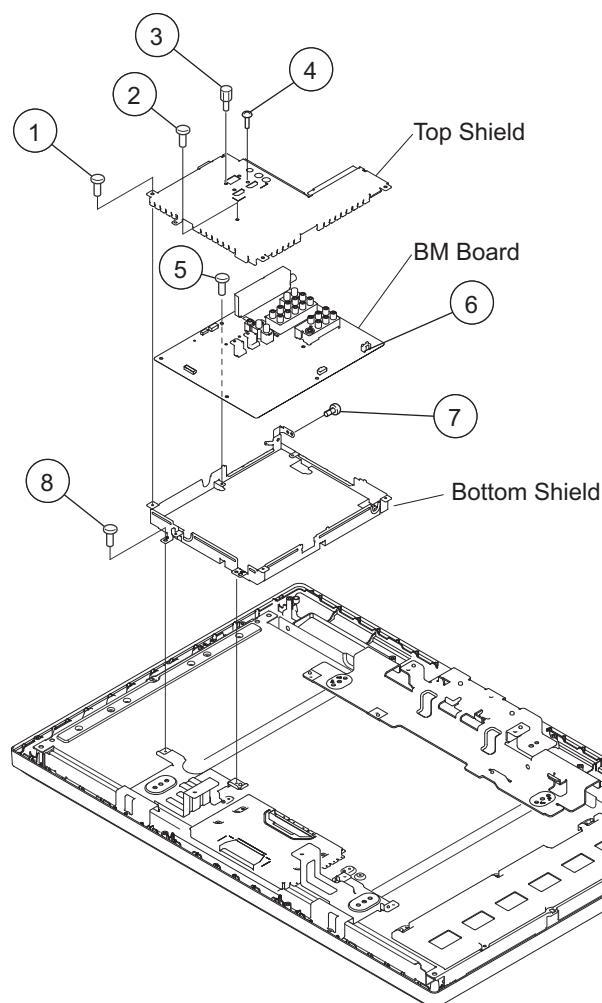
## 1-5. SPEAKER, LIGHT GUIDE AND HM3 BOARD REMOVAL

- ① Slide out Speakers from Bezel
- ② Disconnect one connector
- ③ Remove 2 screws, +BVTP 3X12 TYPE2 TT(B)



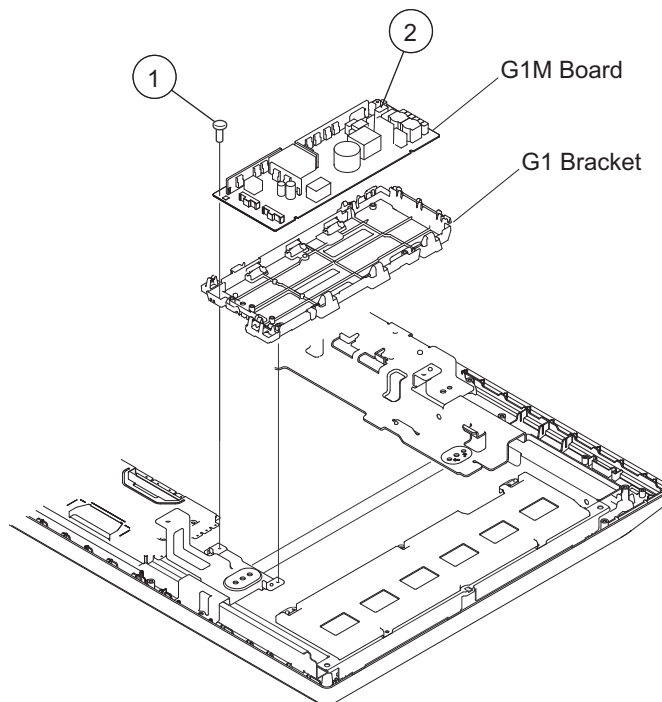
## 1-6. BM BOARD REMOVAL

- ① Remove 4 screws, +BVST 3X8
- ② Remove 2 screws, +BVST 3X8
- ③ Remove 2 screws, HEX
- ④ Remove 2 screws, +PSW M3X5
- ⑤ Remove 7 screws, +BVST 3X8
- ⑥ Disconnect 8 connectors
- ⑦ Remove one screw, +PSW M3X5
- ⑧ Remove 4 screws, +PSW M3X5



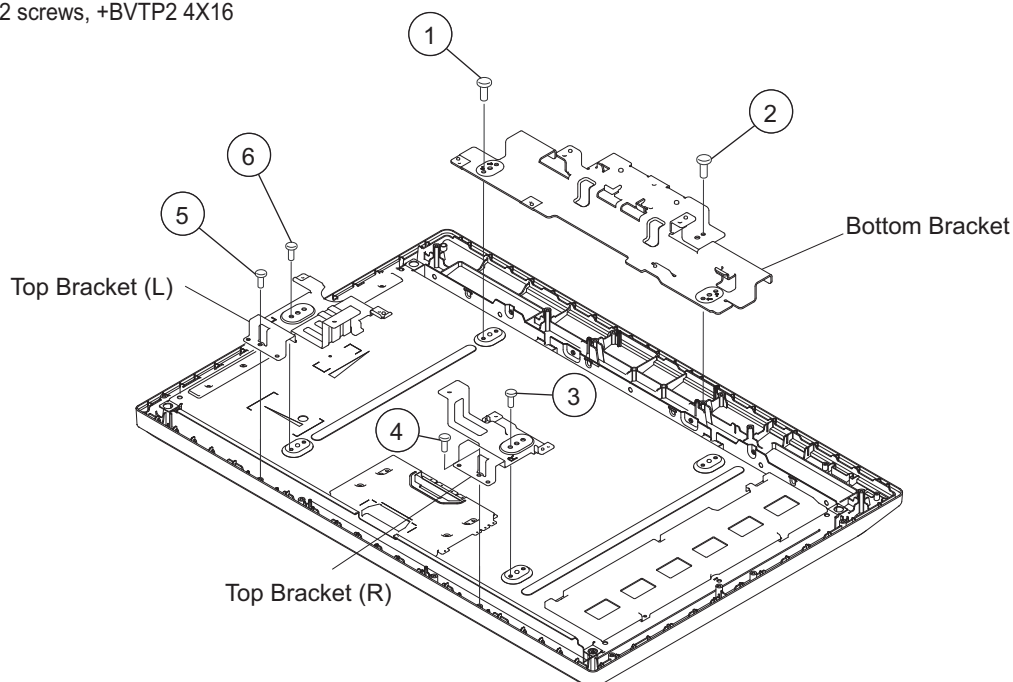
## 1-7. G1 BRACKET AND G1M BOARD REMOVAL

- ① Remove 3 screws (32"), 4 screws (26"), +PSW 3SG
- ② Disconnect 3 connectors



## 1-8. VESA BRACKET REMOVAL

- ① Remove 4 screws, +PSW M4X8
- ② Remove 2 screws, +BVTP2 4X16
- ③ Remove 4 screws, +PSW M4X8
- ④ Remove 2 screws, +BVTP2 4X16
- ⑤ Remove 4 screws, +PSW M4X8
- ⑥ Remove 2 screws, +BVTP2 4X16

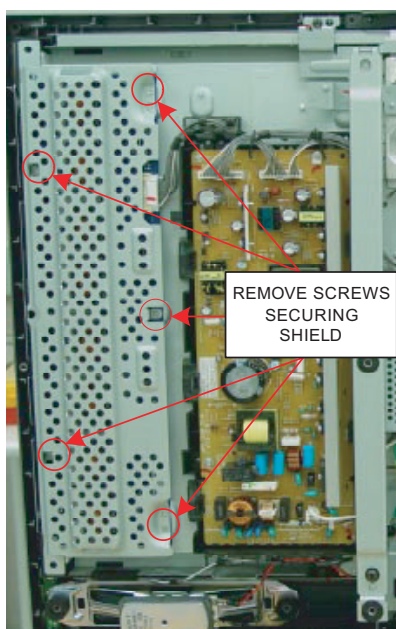
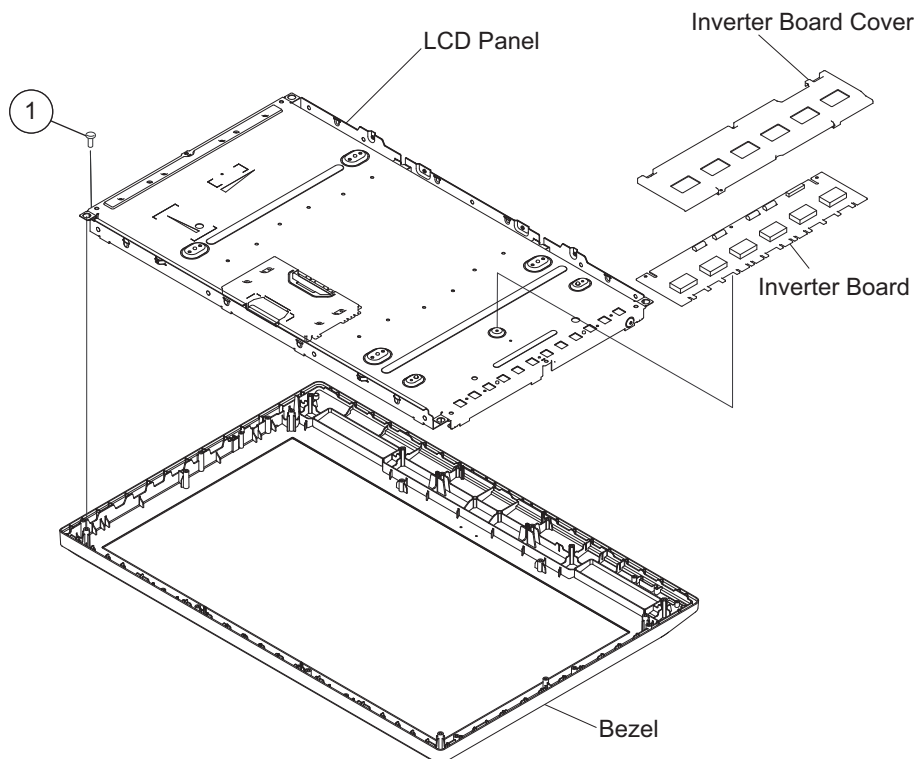


## 1-9 LCD PANEL/BRACKET AND LED LIGHT GUIDE REMOVAL

### CAUTION:

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

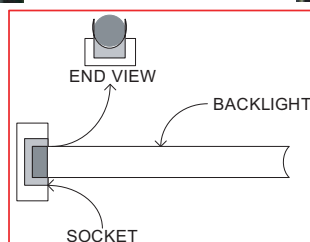
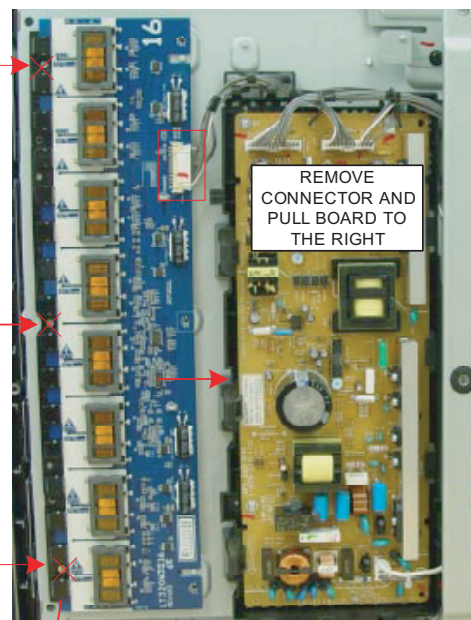
- ① Remove 2 screws, +BVTP2 4X16



SHIELD REMOVAL

### WARNING!

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



### INVERTER BOARD REMOVAL

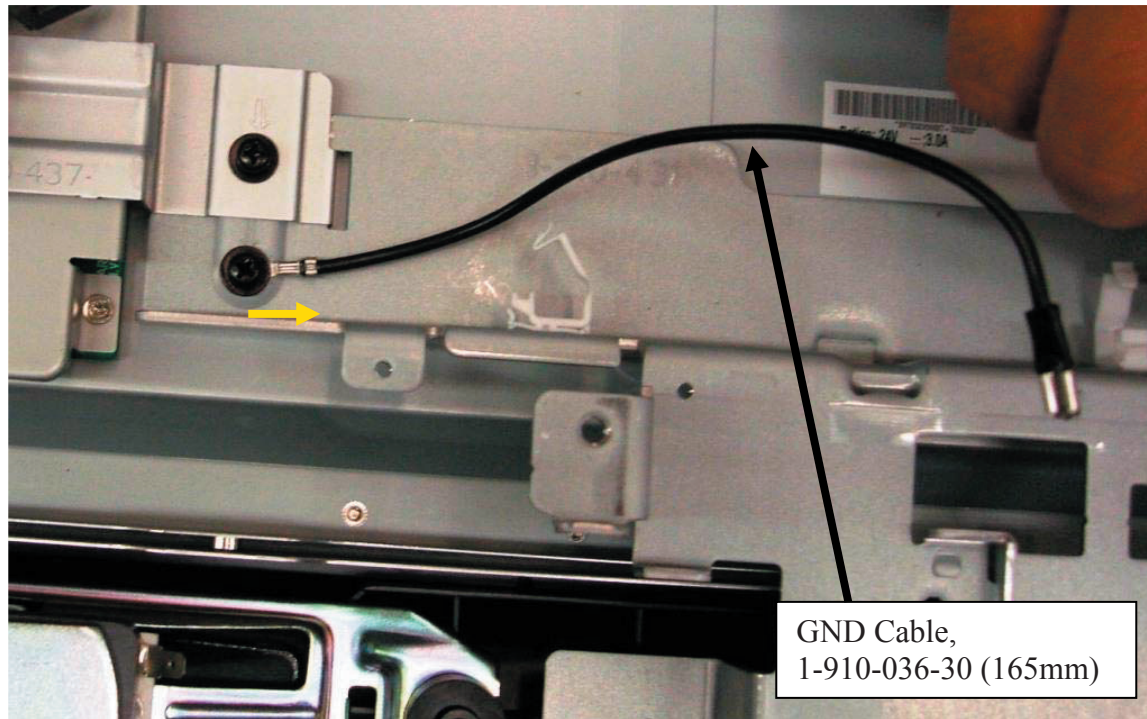
Only remove the screws securing the inverter cover which may be metal or plastic. The remaining plastic strip contains sockets for the fluorescent backlights and should never be loosened. The backlights will pop out of the sockets and/or break the backlight requiring a LCD panel replacement. The example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



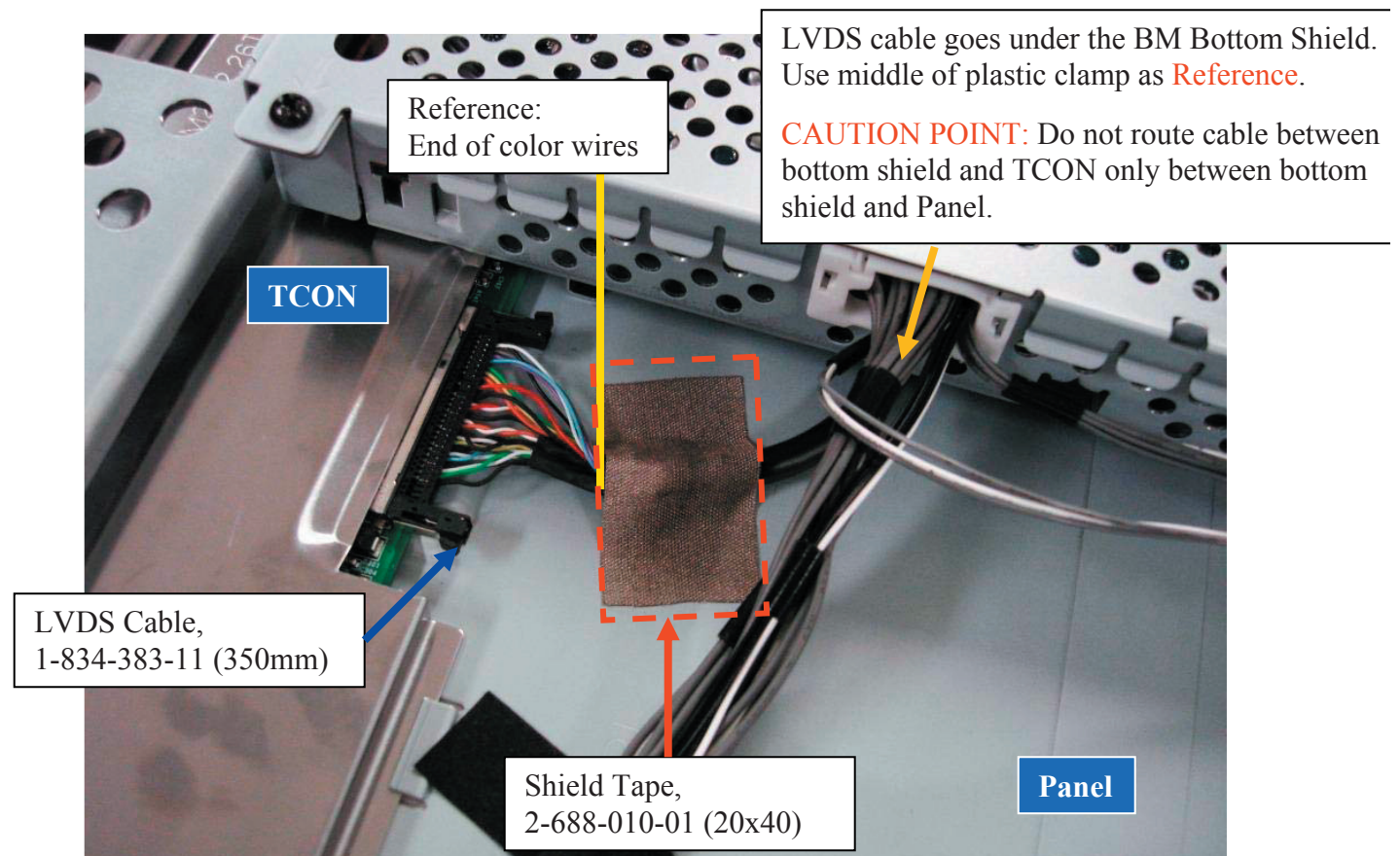
## KDL-26M3000/26ML130 ONLY

## KDL-26M3000/26ML130 ONLY

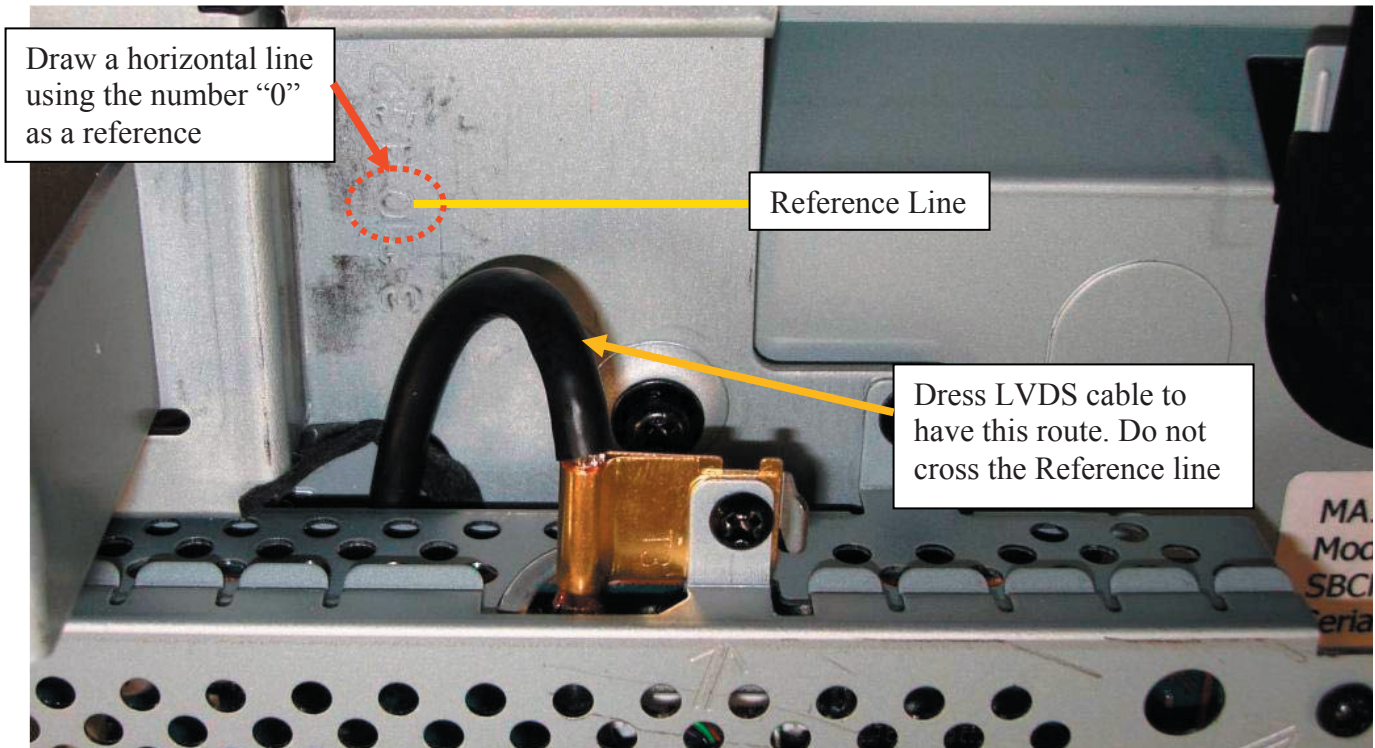
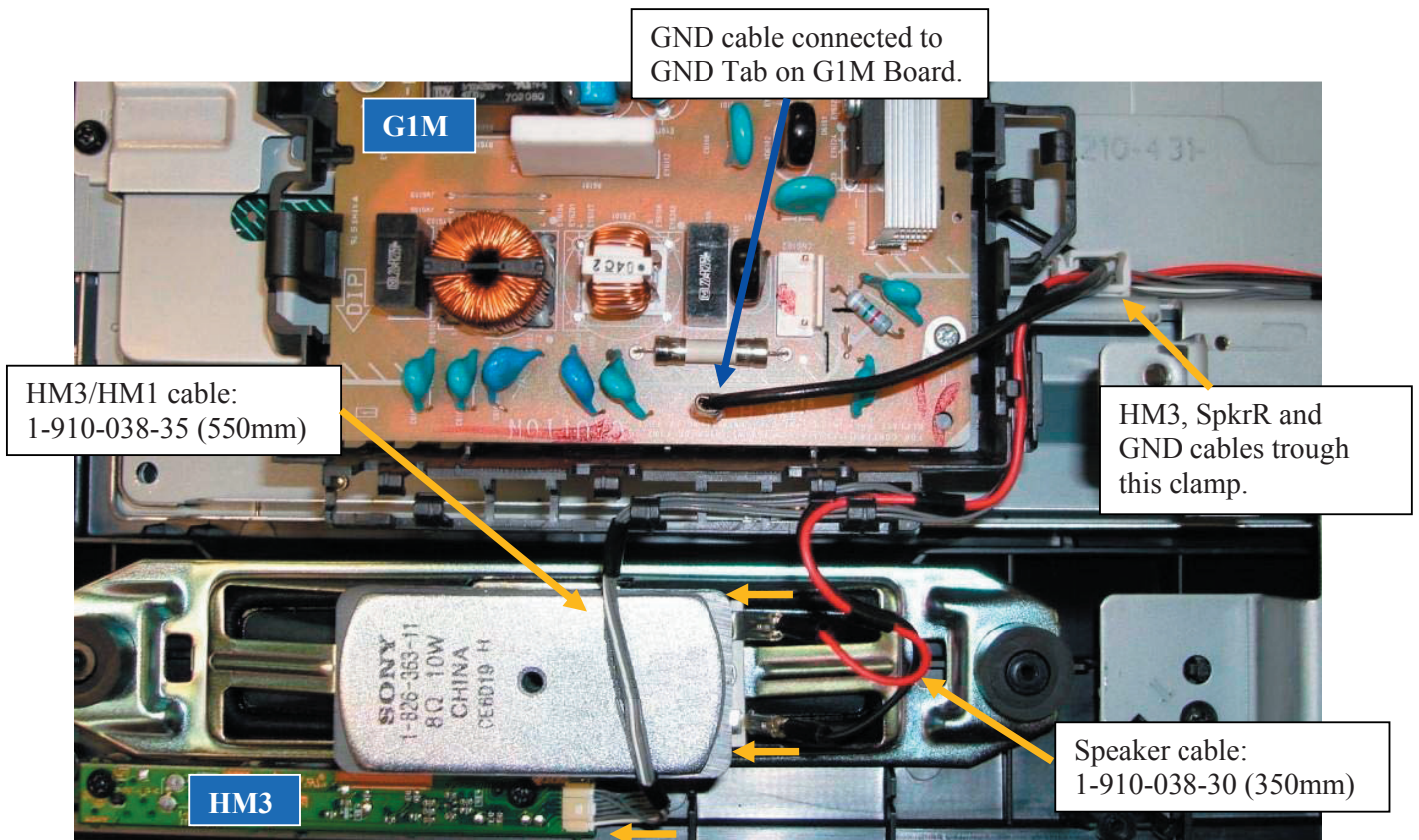
## GROUND CABLE



## LVDS CONNECTOR



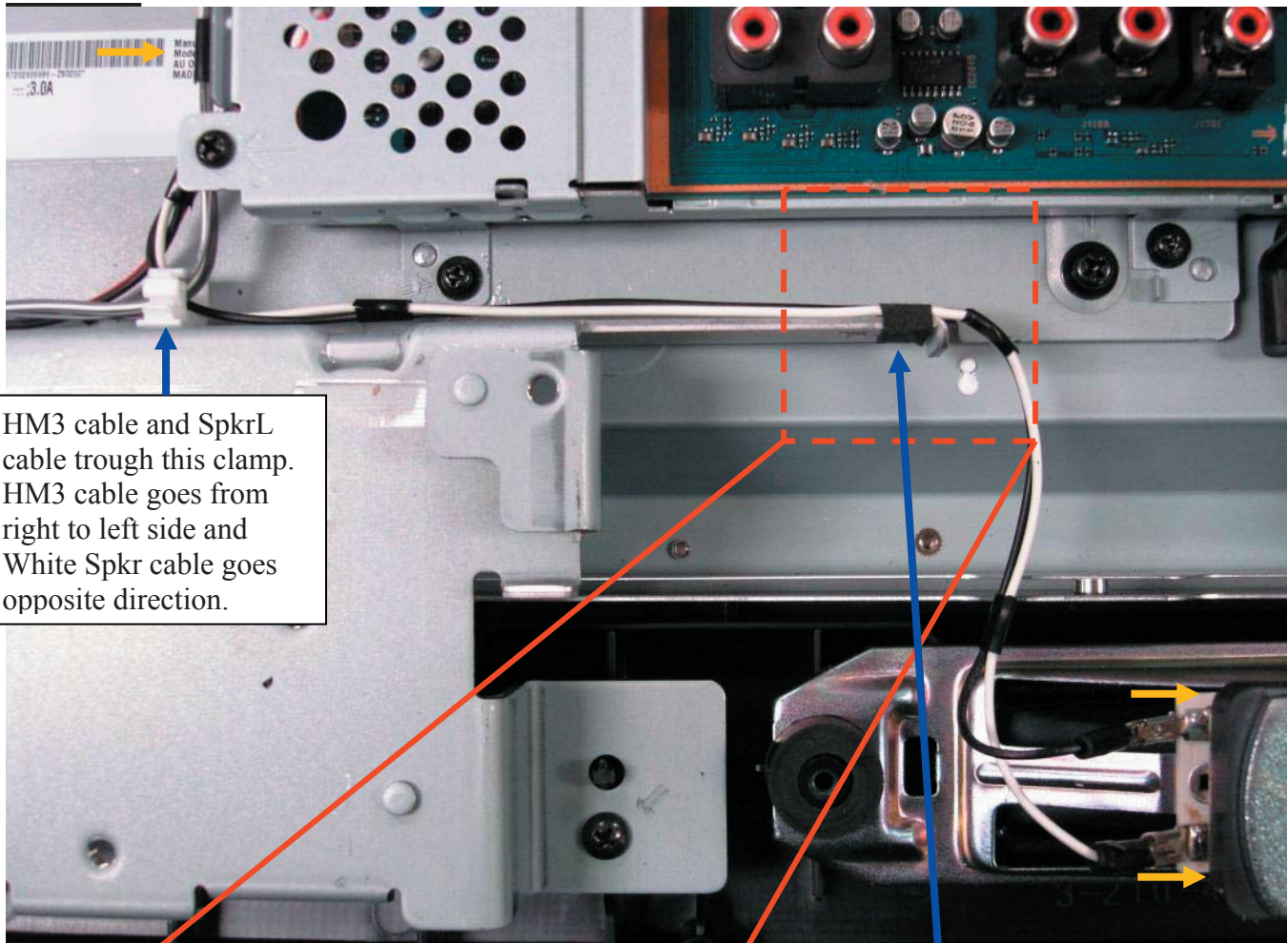


**KDL-26M3000/26ML130 ONLY****LVDS CONNECTOR (CONTINUED)****HM3 BOARD AND SPEAKERS**

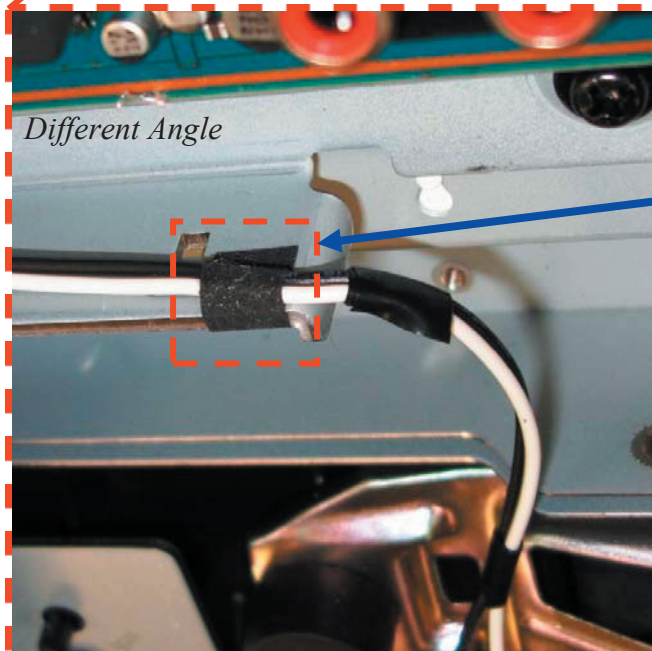


## KDL-26M3000/26ML130 ONLY

## HM3 BOARD AND SPEAKERS (CONTINUED)



HM3 cable and SpkrL cable trough this clamp. HM3 cable goes from right to left side and White Spkr cable goes opposite direction.

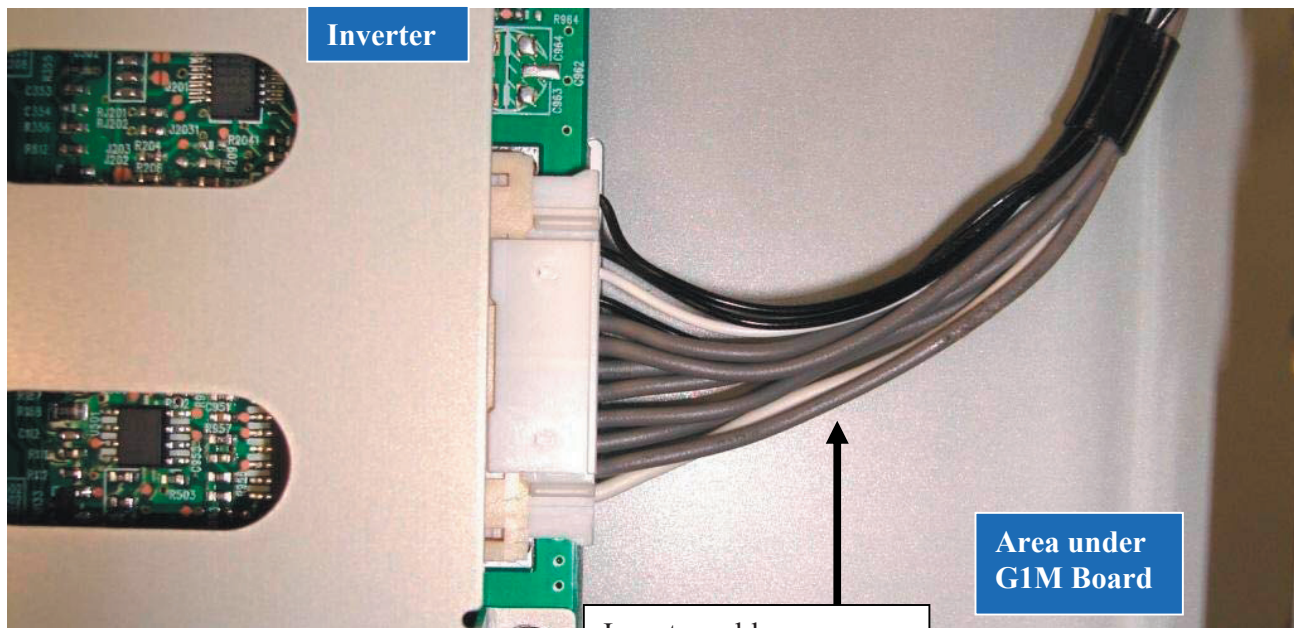


**Fix cable to metal part using:**  
Himelon Tape (LCD)  
2-688-062-01 (8x30)  
Cable and Himelon position should be as shown in picture.



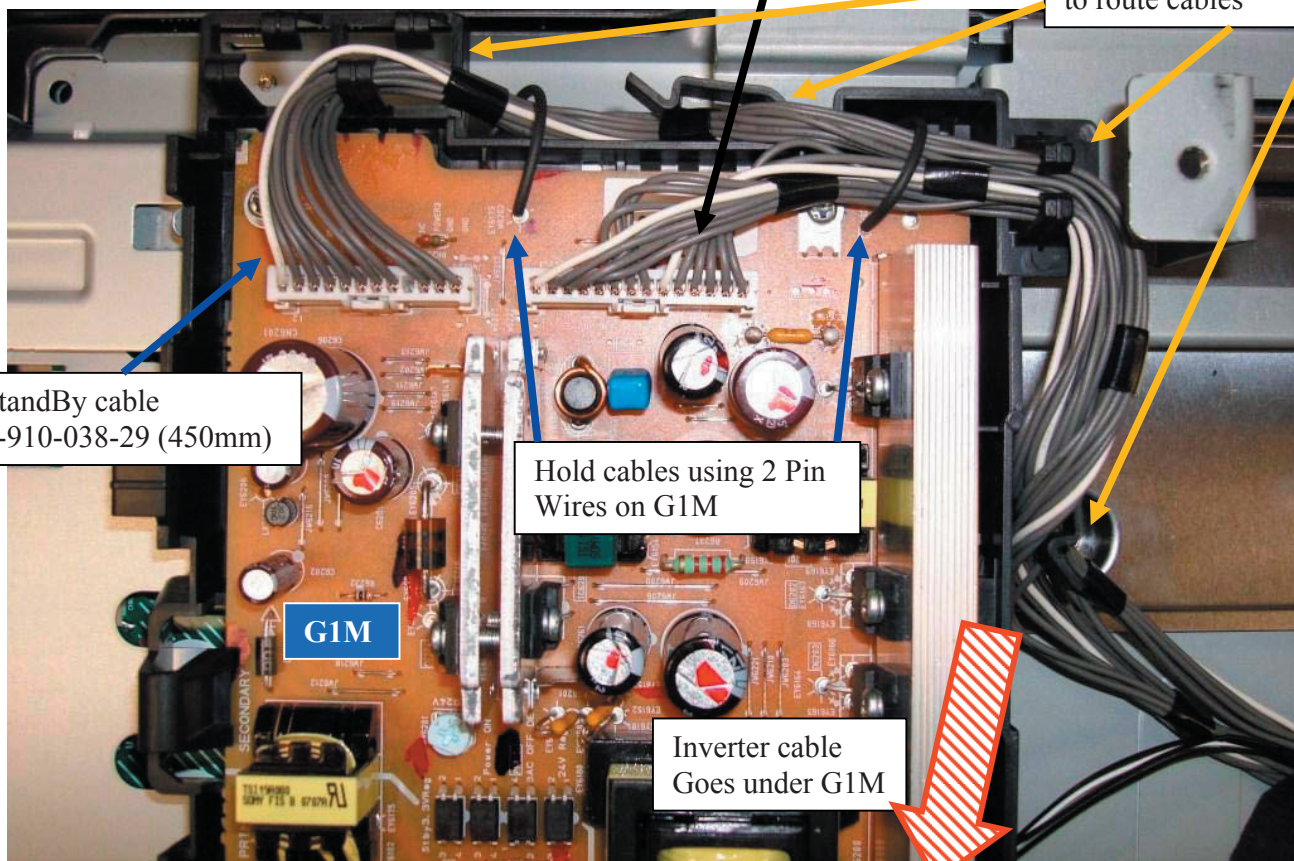
## KDL-26M3000/26ML130 ONLY

## INVERTER BOARD CONNECTORS



Inverter cable  
1-910-038-36 (300mm)

Use clamps on bracket  
to route cables



StandBy cable  
1-910-038-29 (450mm)

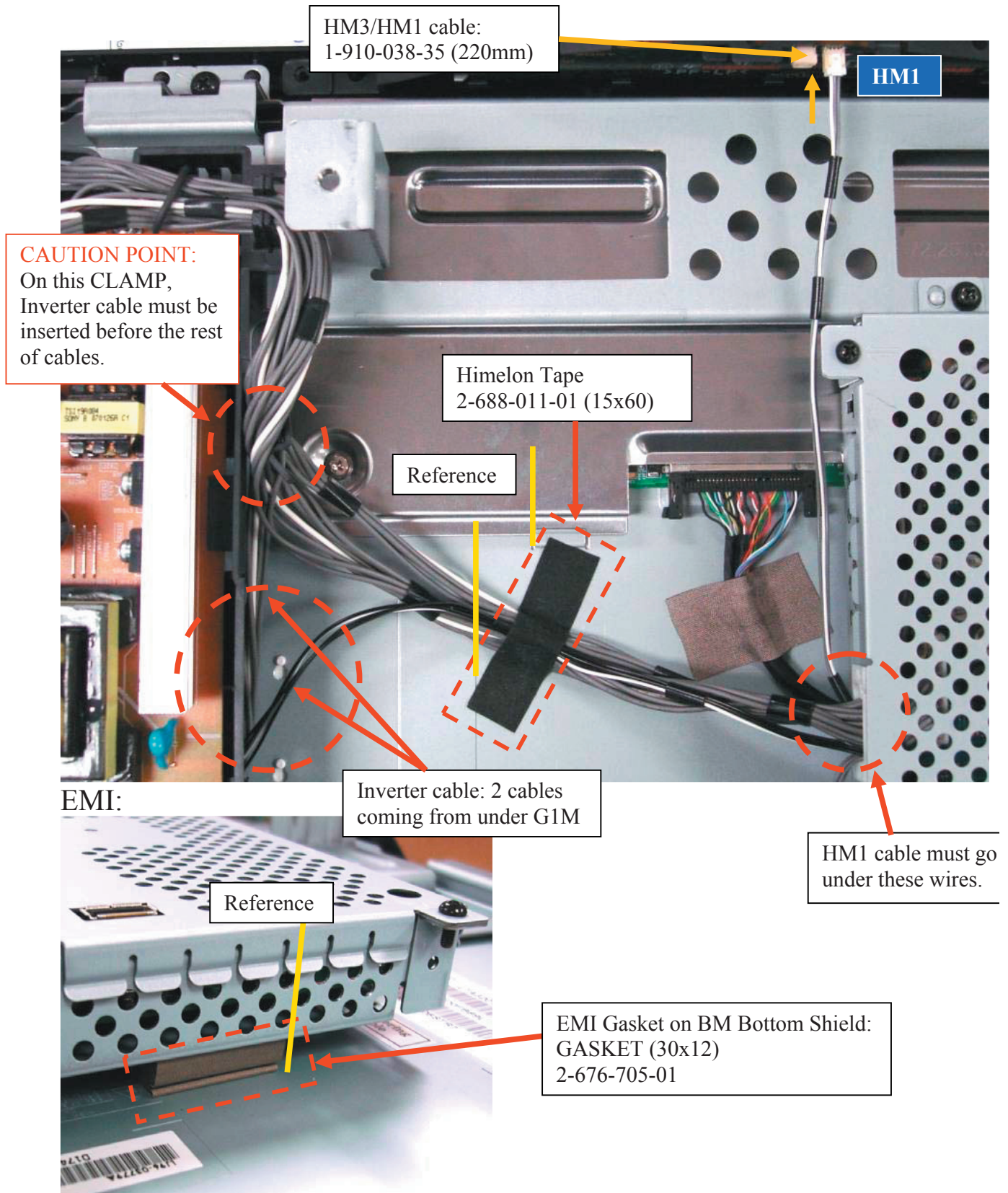
Hold cables using 2 Pin  
Wires on G1M

Inverter cable  
Goes under G1M



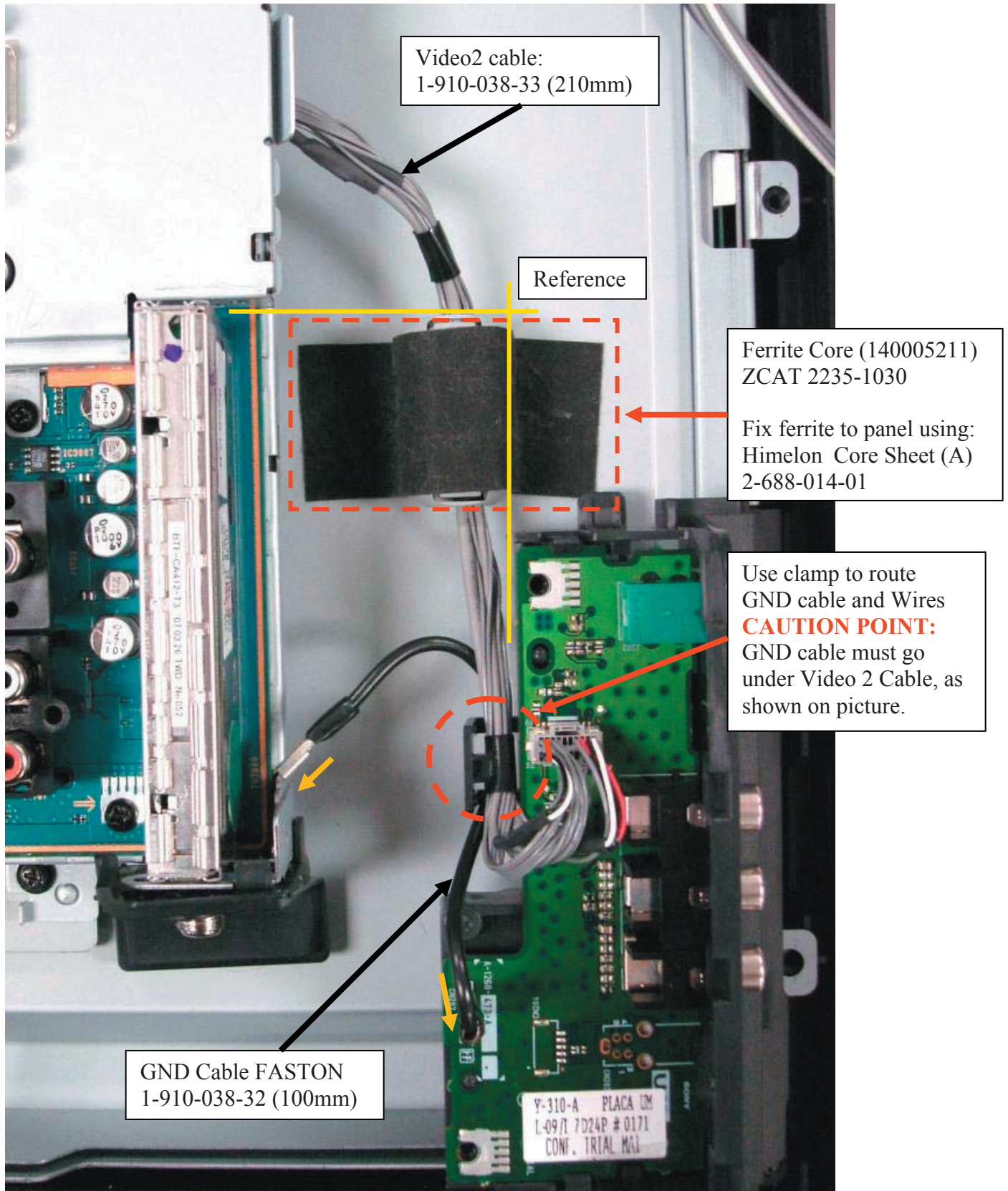
## KDL-26M3000/26ML130 ONLY

## HDMI CONNECTORS



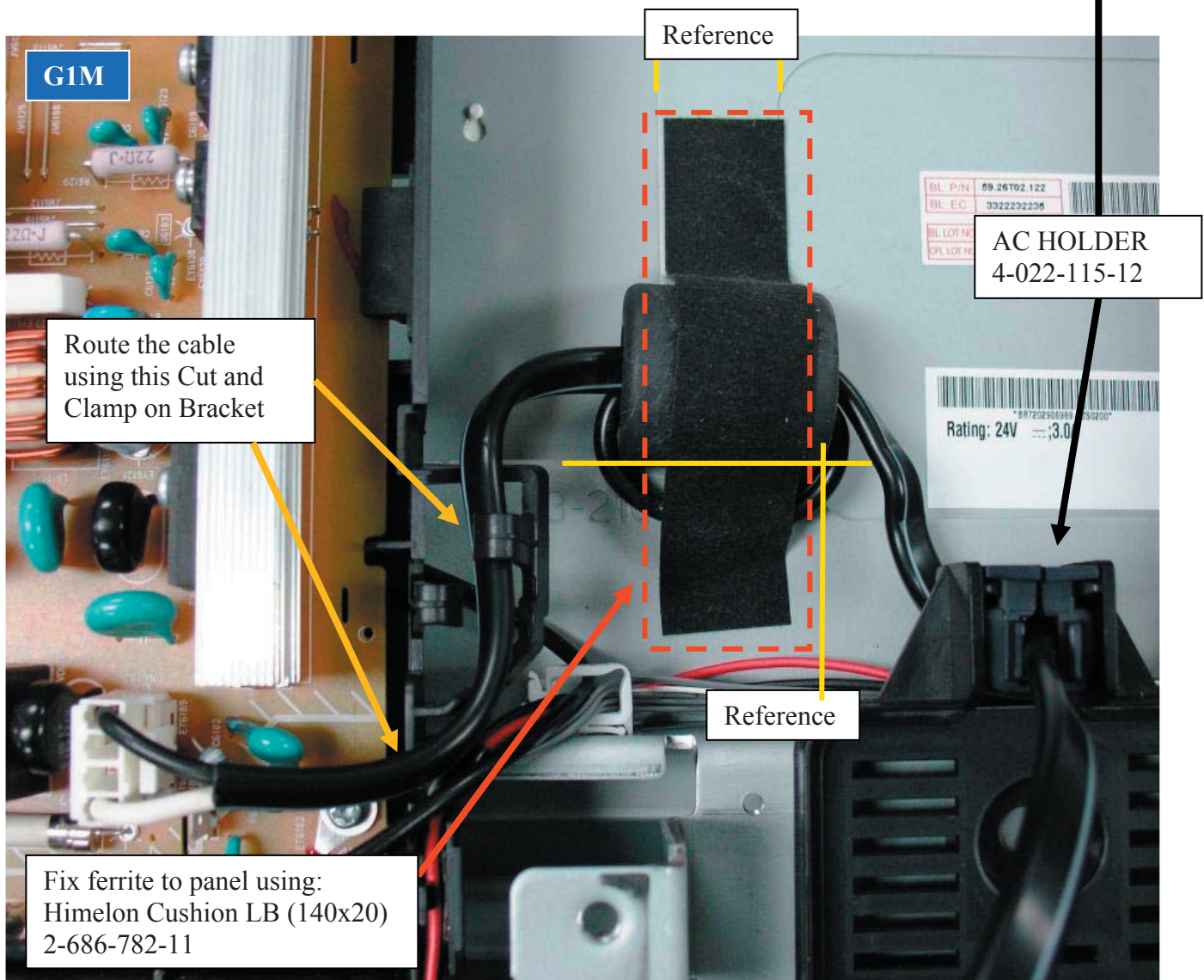
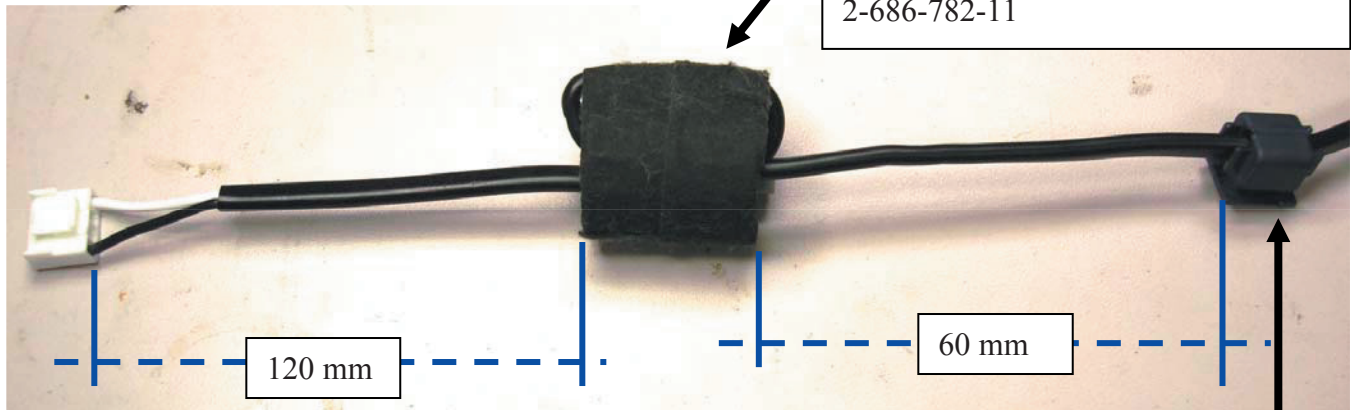
## KDL-26M3000/26ML130 ONLY

## VIDEO CONNECTORS AND GROUND CABLE





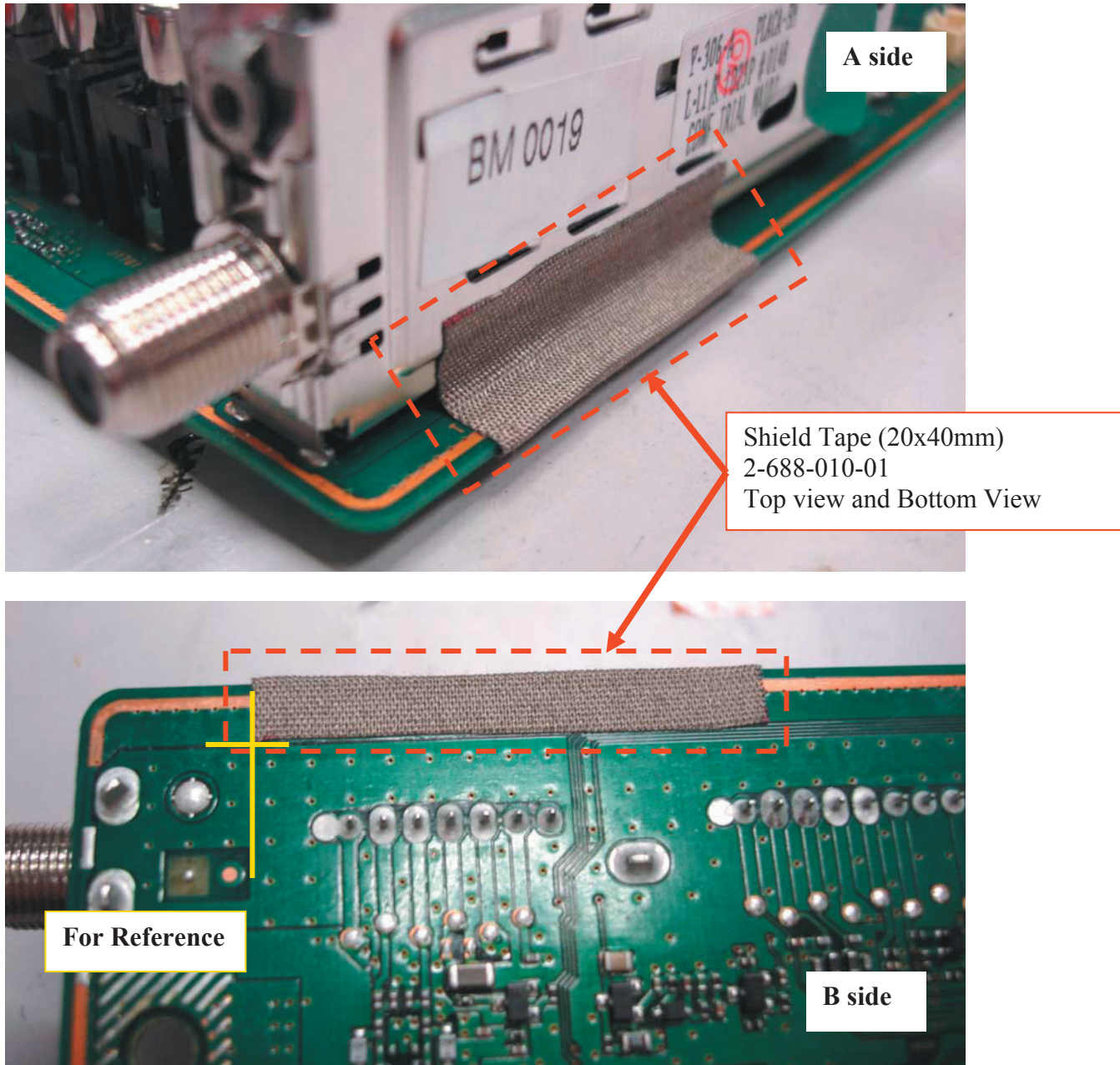
Ferrite Core (150002111)  
ZCAT 3035-1330  
**Completely cover Ferrite using:**  
Himelon Cushion LB x 2 (140x20)  
2-686-782-11





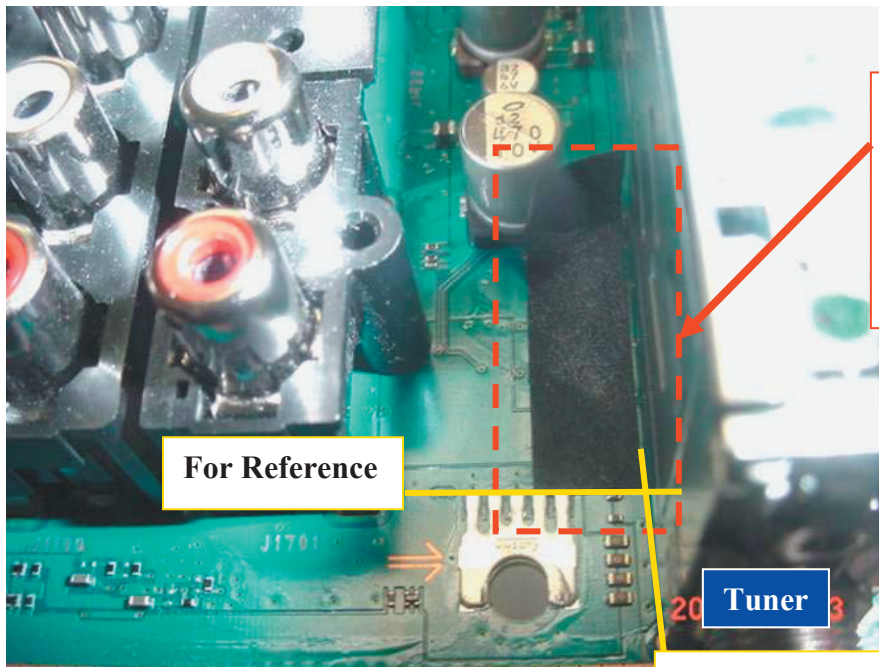
## KDL-26M3000/26ML130 ONLY

## SHIELD TAPE PLACEMENT



## KDL-26M3000/26ML130 ONLY

## SHIELD TAPE PLACEMENT (CONTINUED)

**STEP 1:**

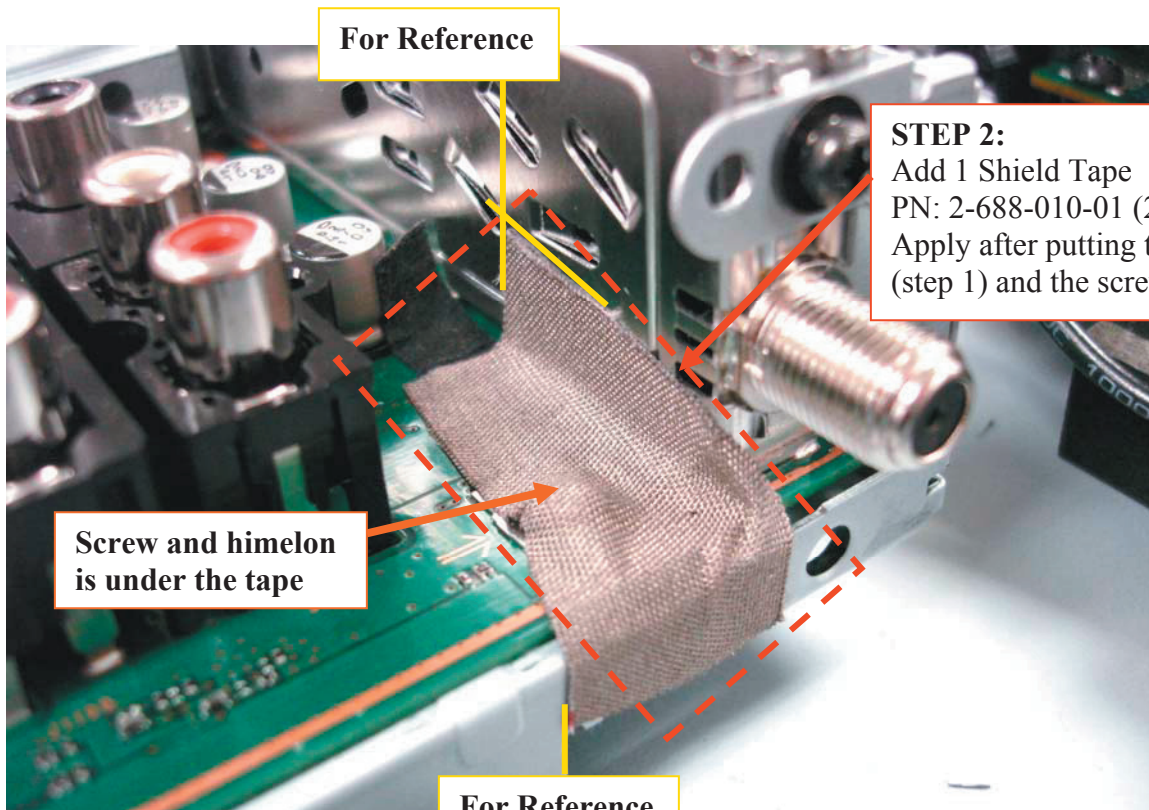
Add 1 Himelton Tape (LCD)  
PN: 2-688-062-01 (8x30mm)

Note: R7853 should be covered  
with himelton.

For Reference

Tuner

For Reference: Edge of Tuner



For Reference

**STEP 2:**

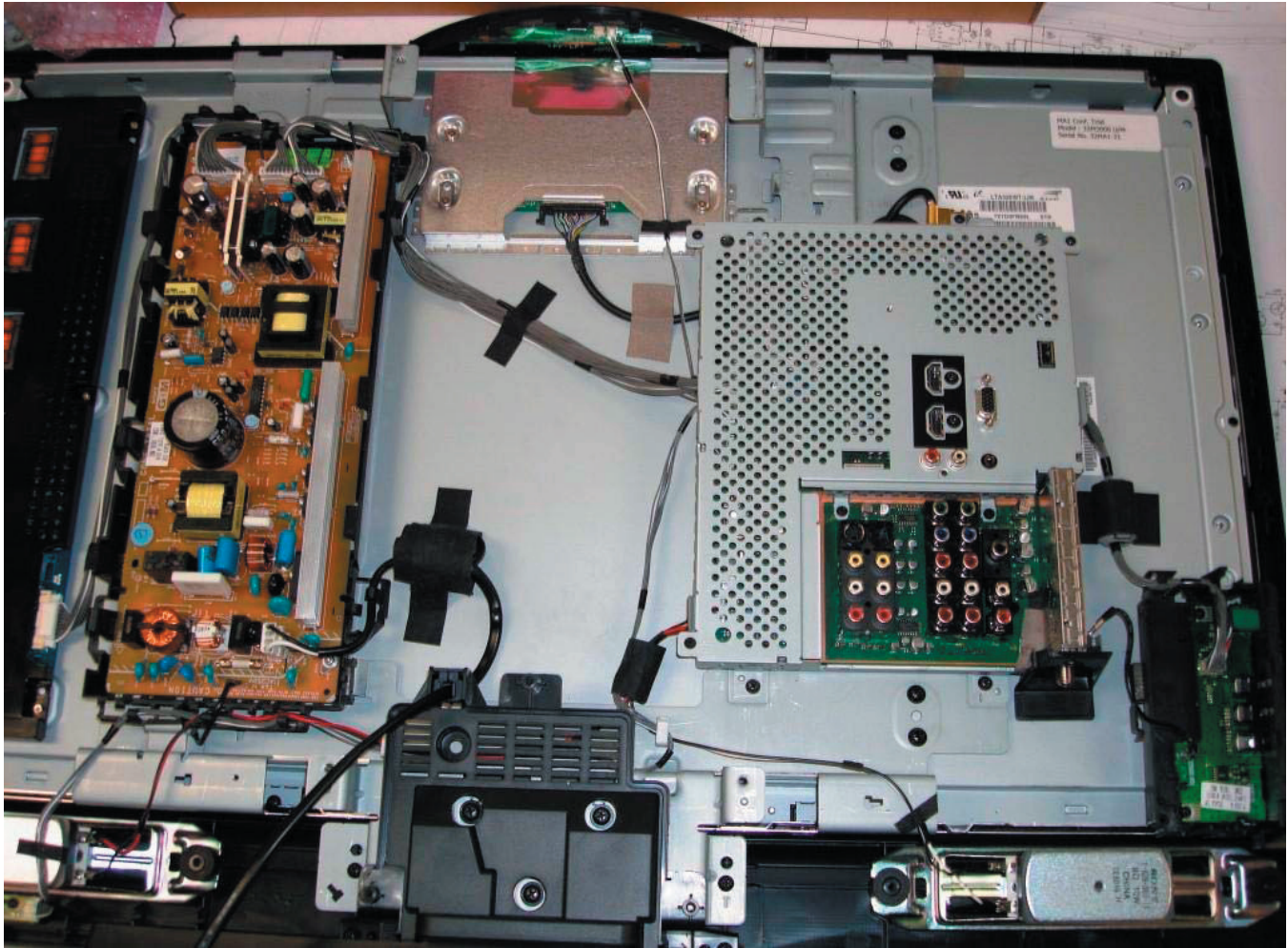
Add 1 Shield Tape  
PN: 2-688-010-01 (20x40mm)  
Apply after putting the himelton  
(step 1) and the screw.

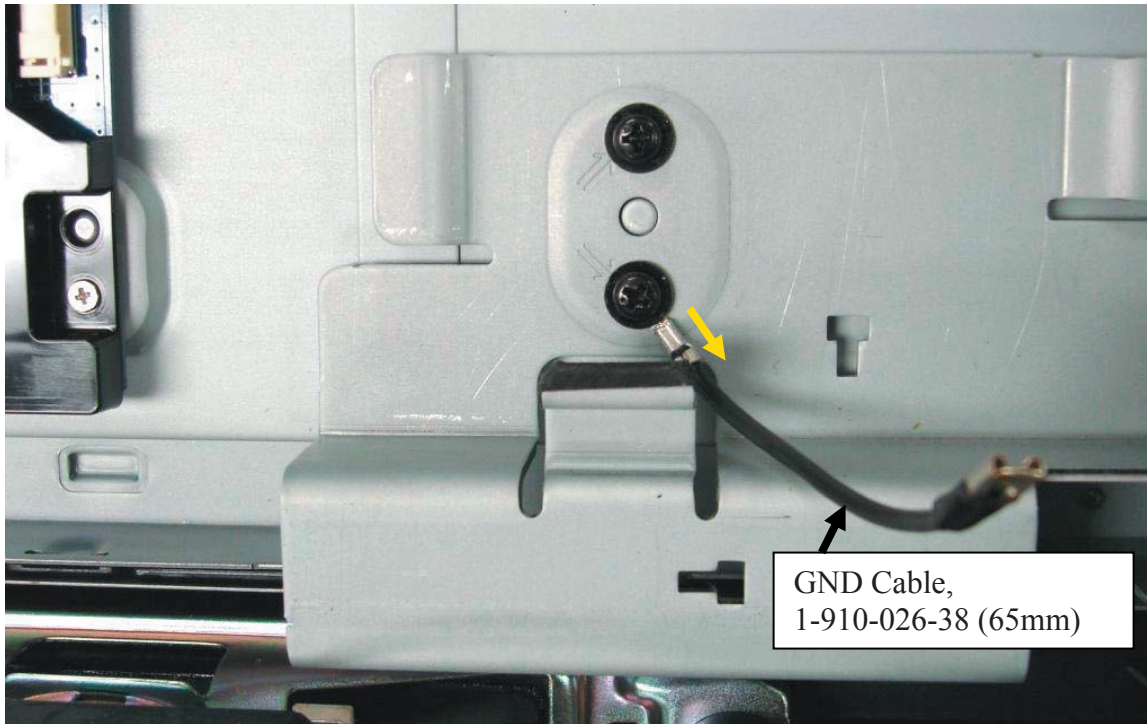
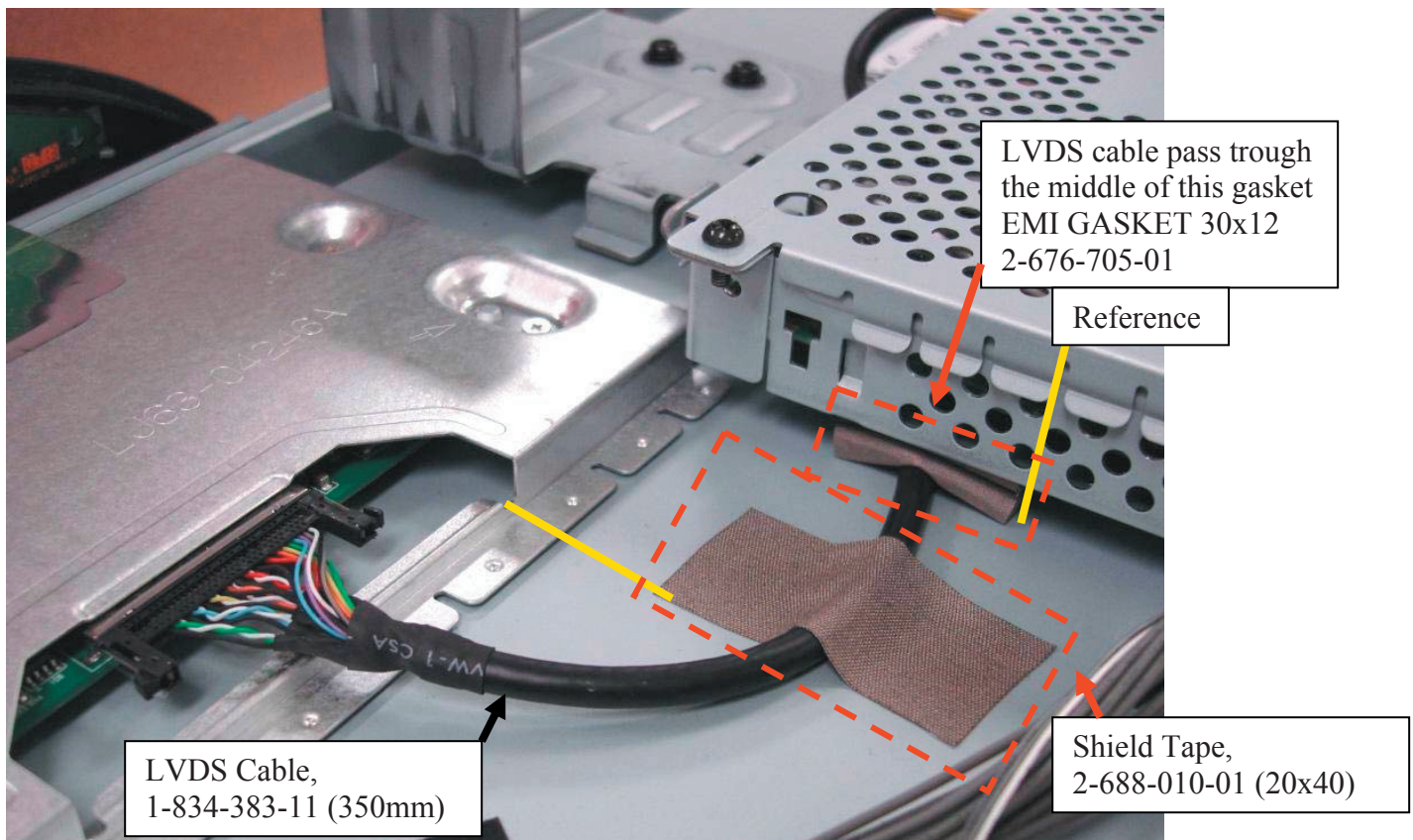
Screw and himelton  
is under the tape

For Reference



**KDL-32M3000/32ML130 ONLY**  
**OVERALL VIEW**

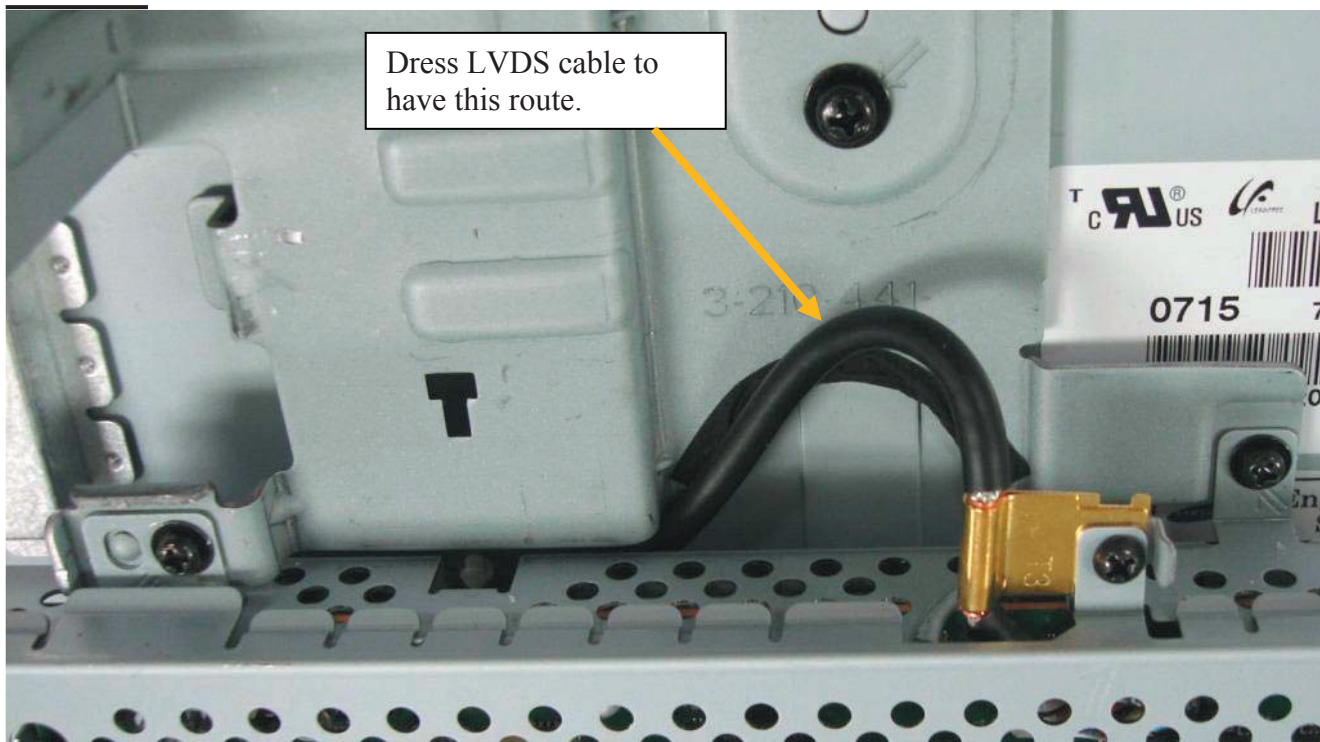


**KDL-32M3000/32ML130 ONLY****GROUND CABLE****LVDS CONNECTOR**

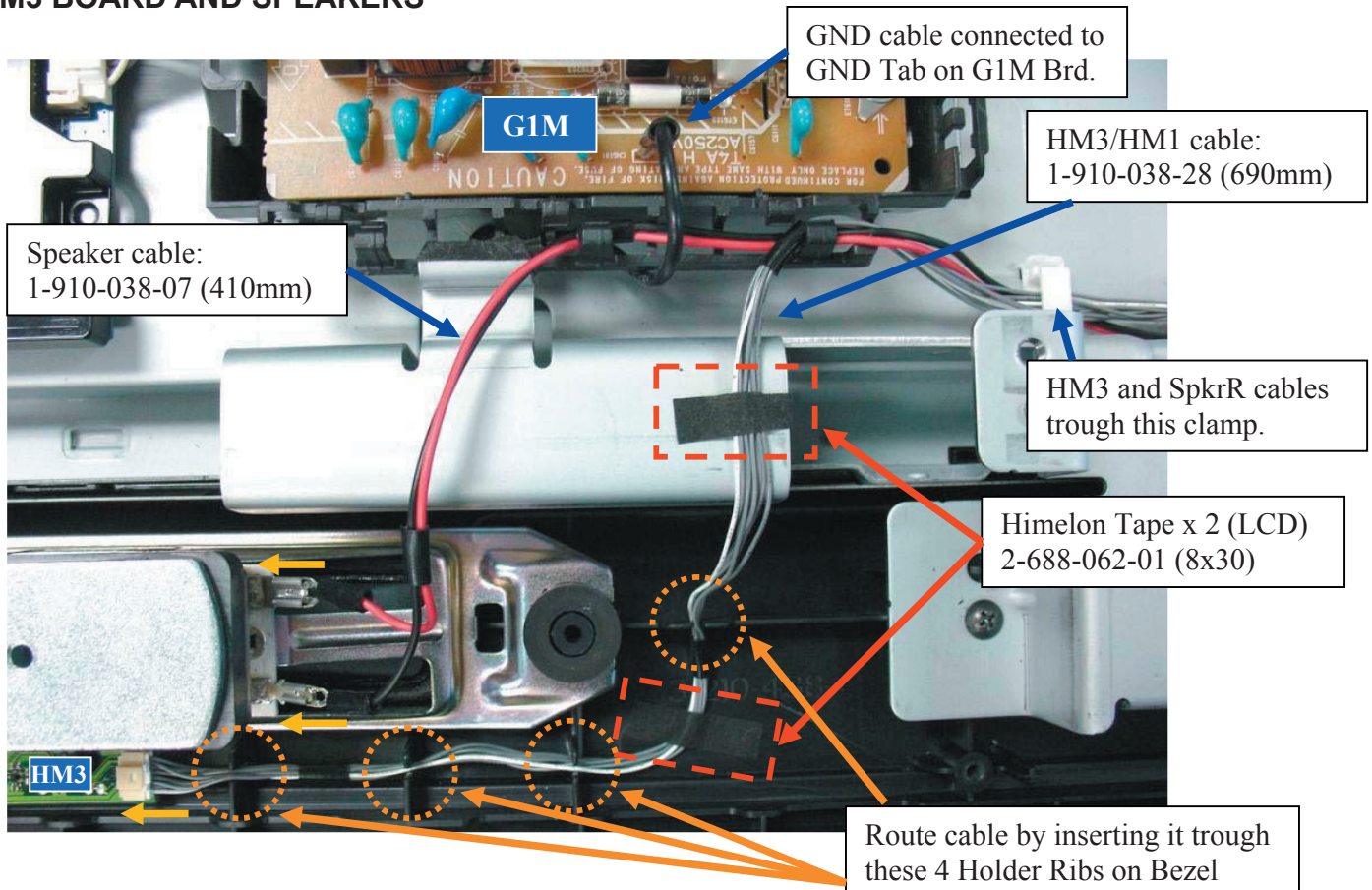


## KDL-32M3000/32ML130 ONLY

## LVDS CONNECTOR (CONTINUED)

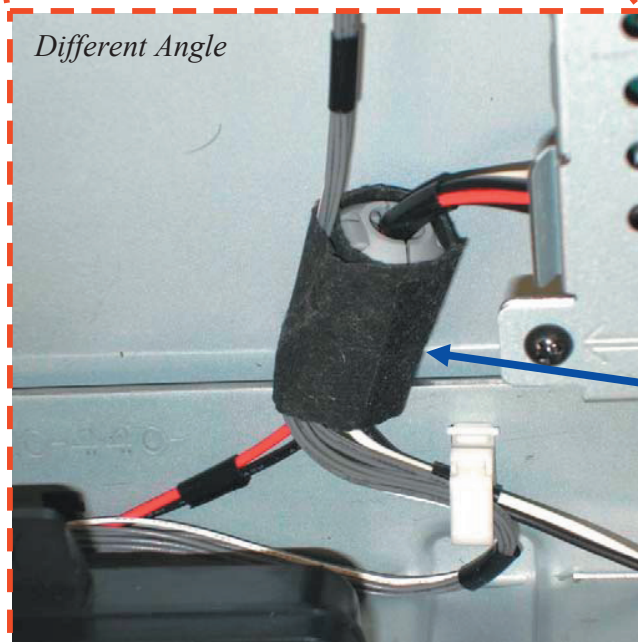
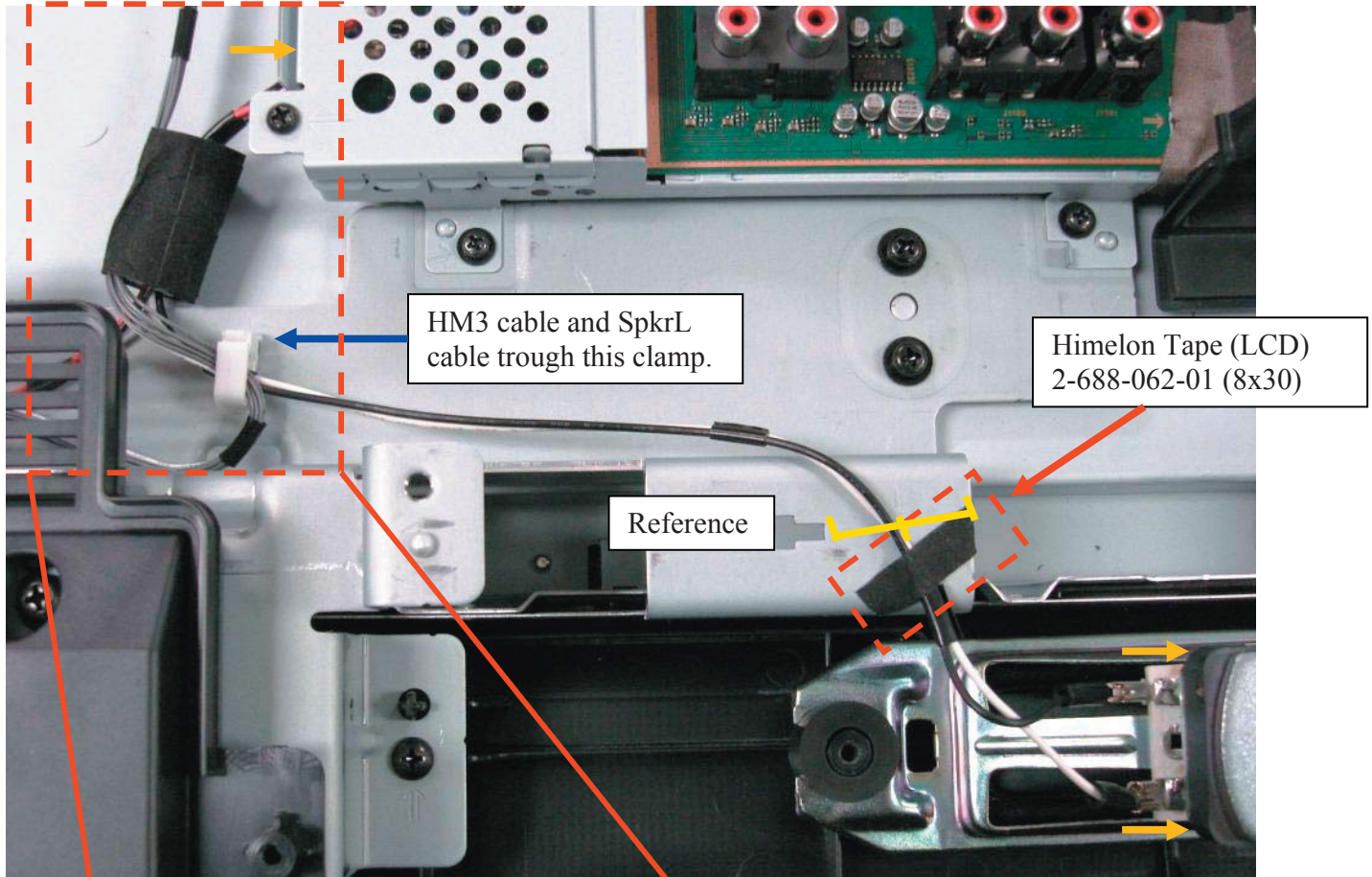


## HM3 BOARD AND SPEAKERS



## KDL-32M3000/32ML130 ONLY

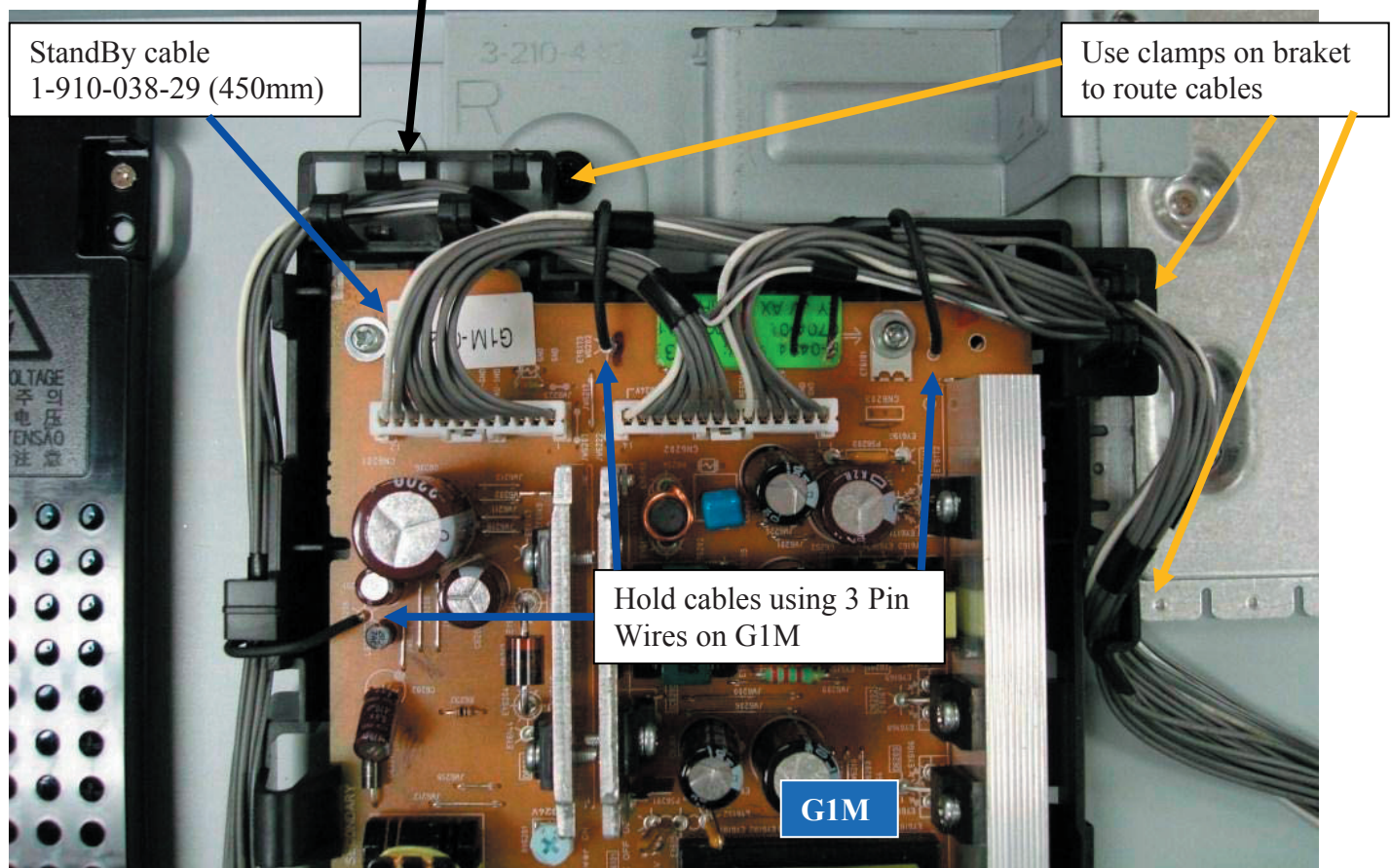
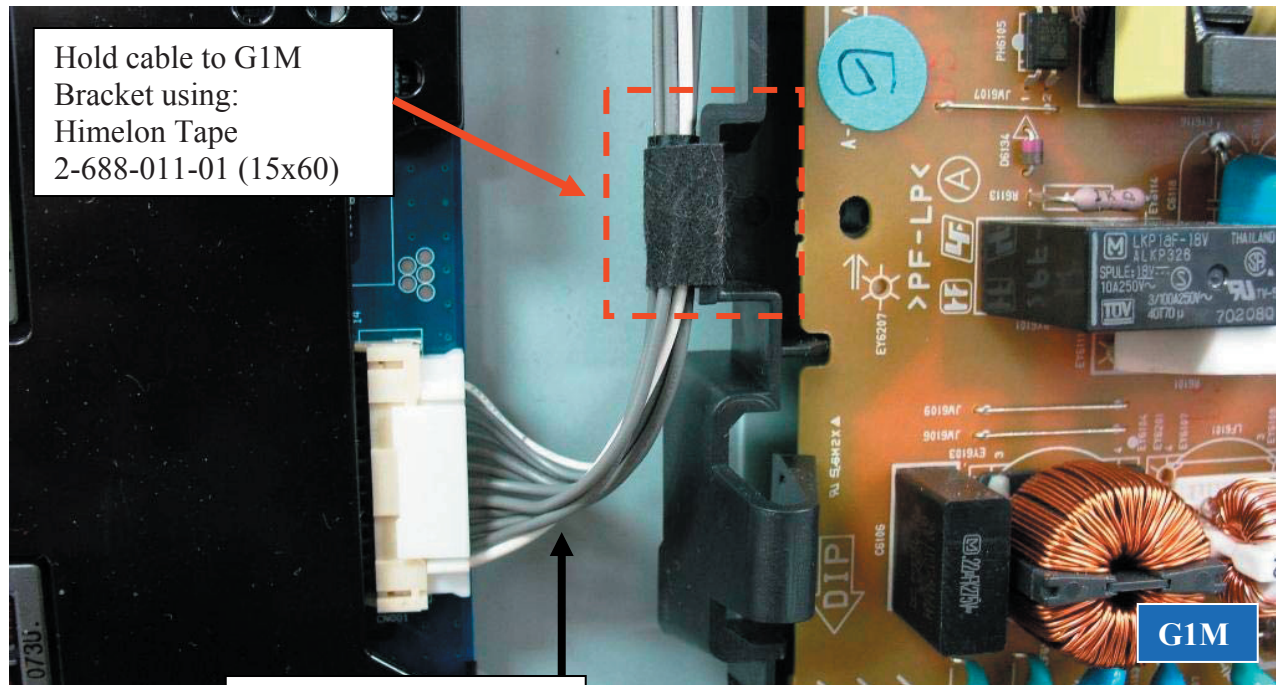
## HM3 BOARD AND SPEAKERS (CONTINUED)



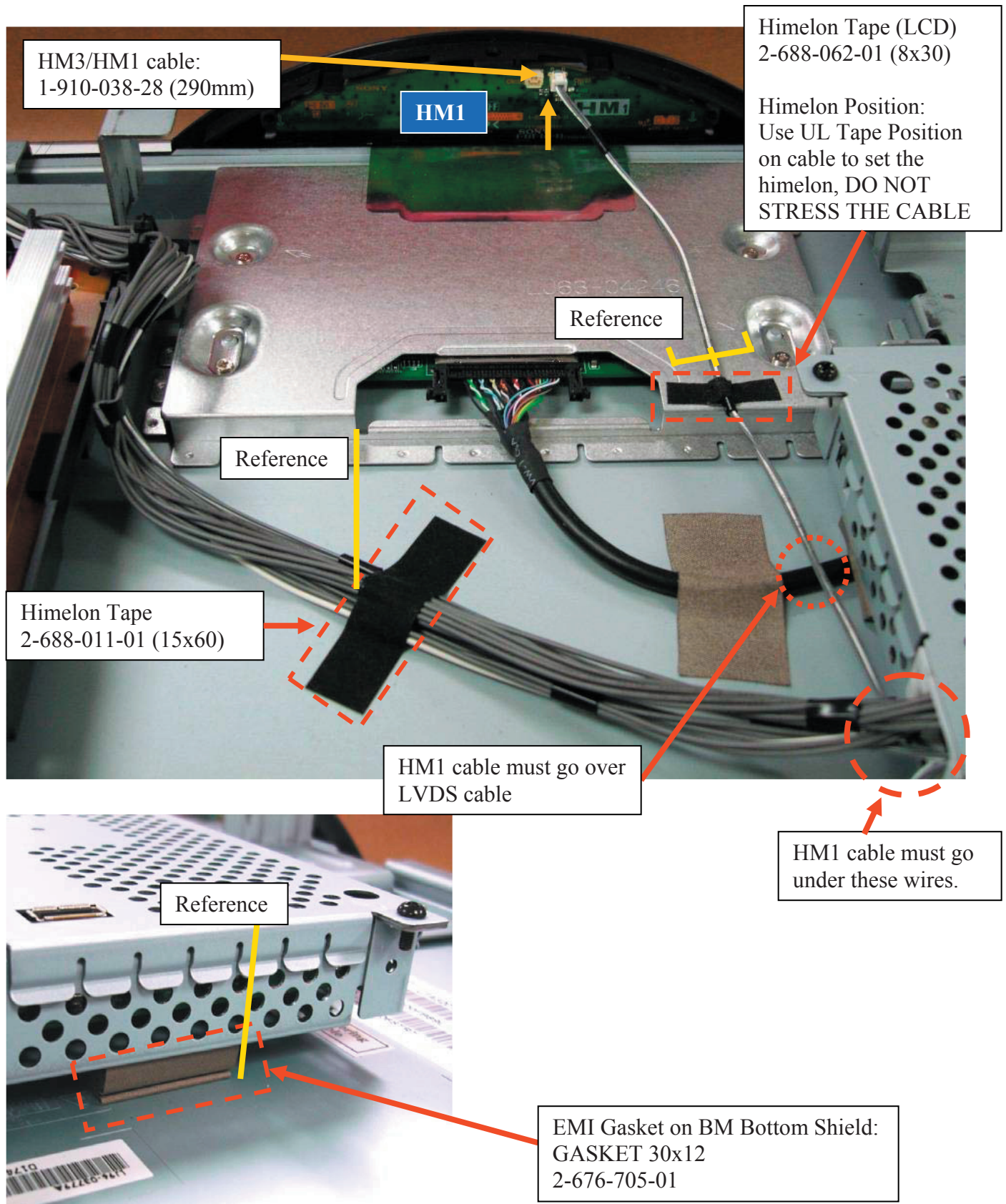
Ferrite Core (146908911)  
ZCAT 1730-0730

**Completely cover Ferrite and  
grab the HM3 cable using:**  
Himelon Core Sheet (A)  
2-688-014-01



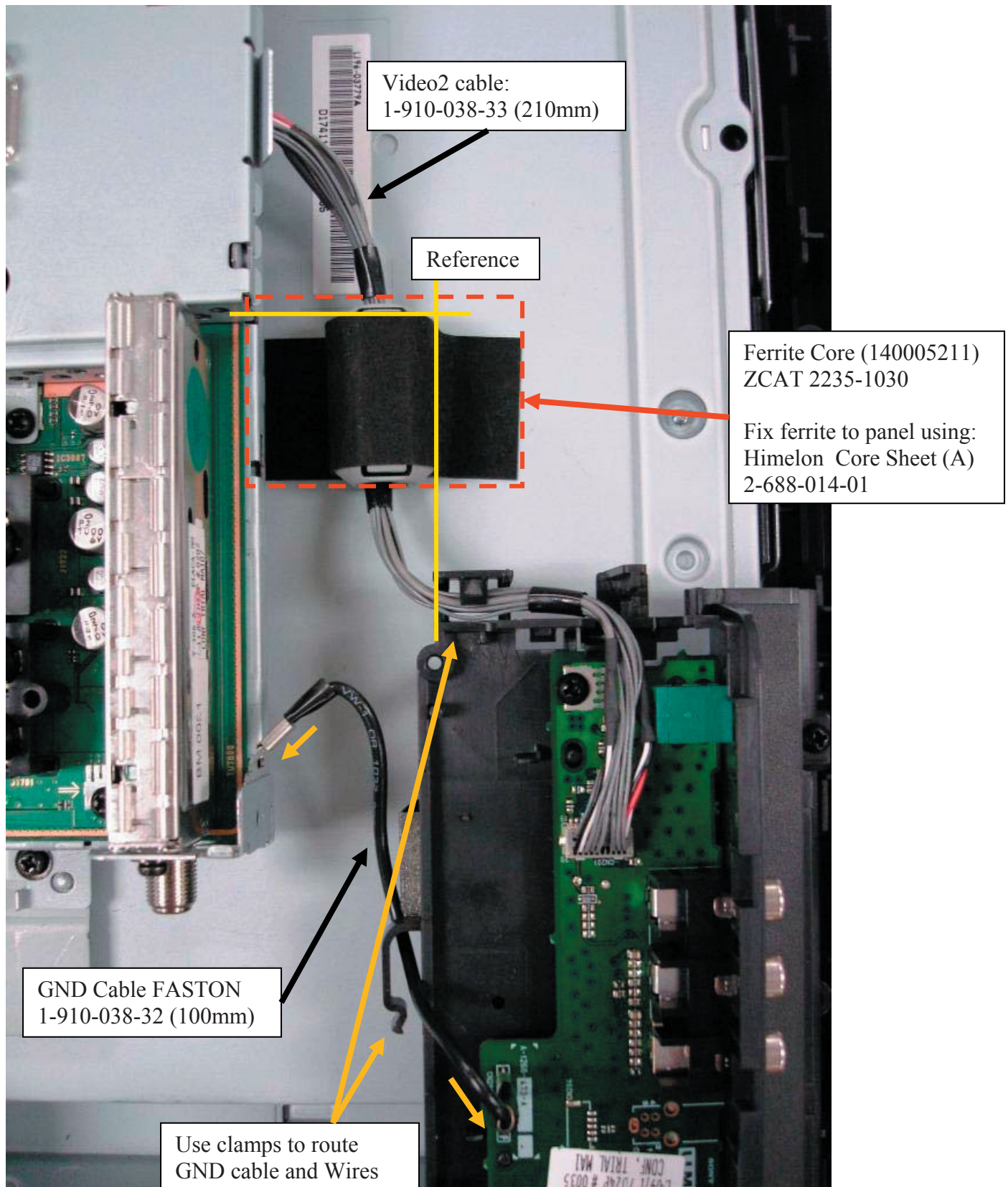
**KDL-32M3000/32ML130 ONLY****INVERTER BOARD CONNECTORS**



**KDL-32M3000/32ML130 ONLY****HDMI CONNECTORS**

## KDL-32M3000/32ML130 ONLY

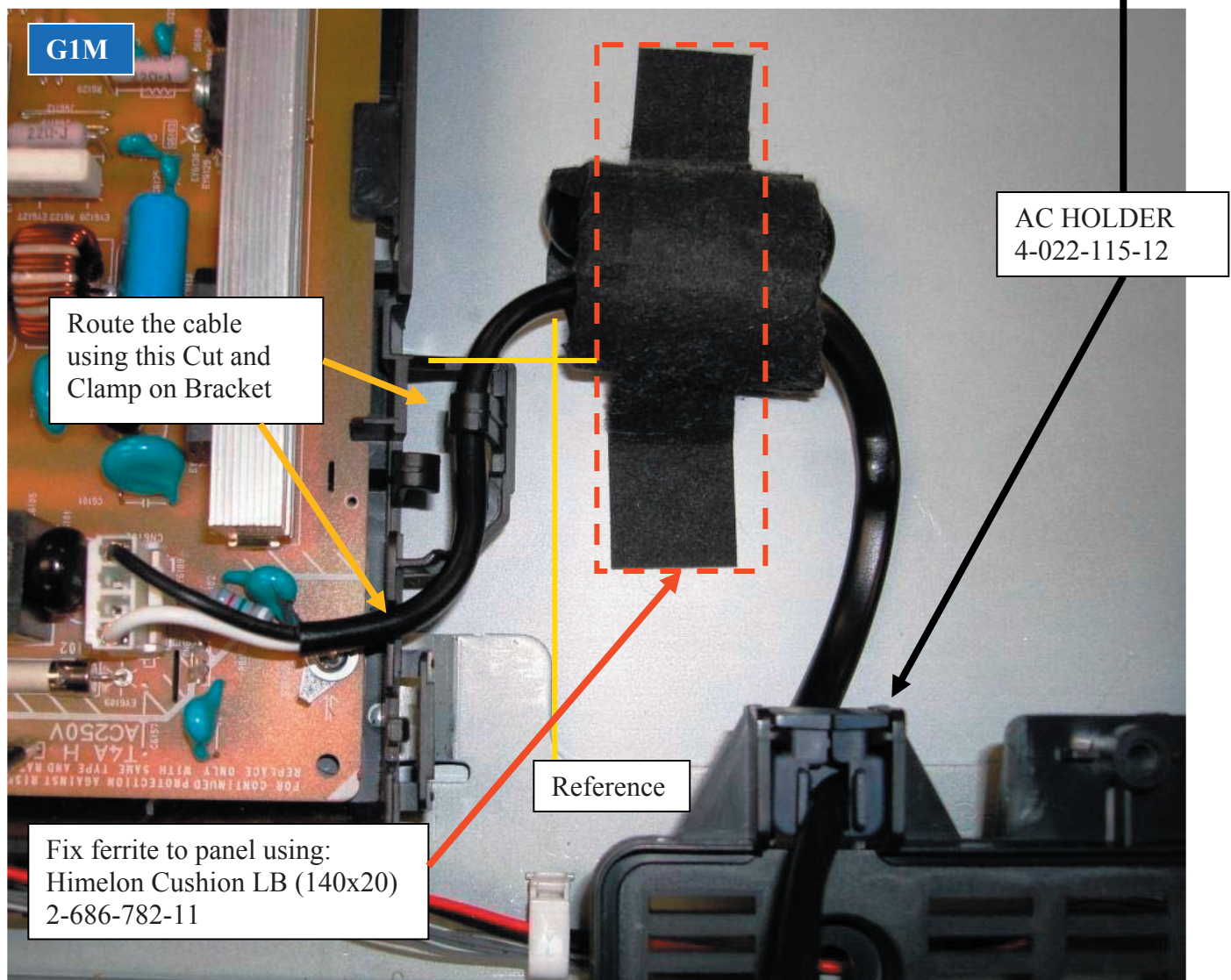
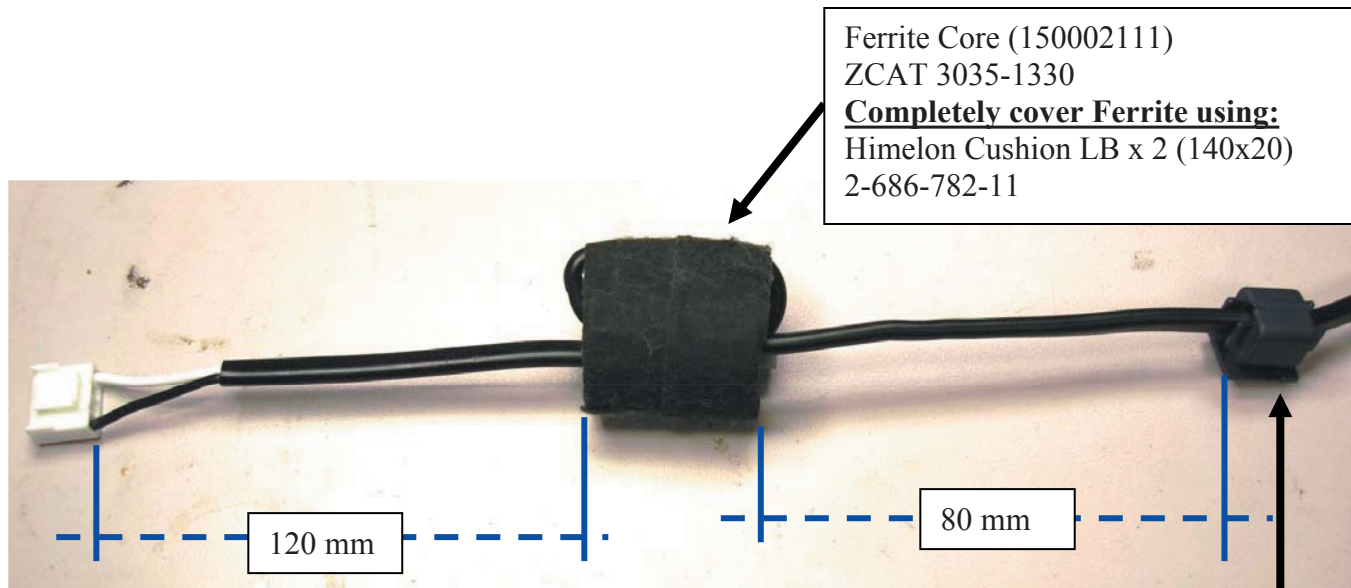
## VIDEO CONNECTORS AND GROUND CABLE



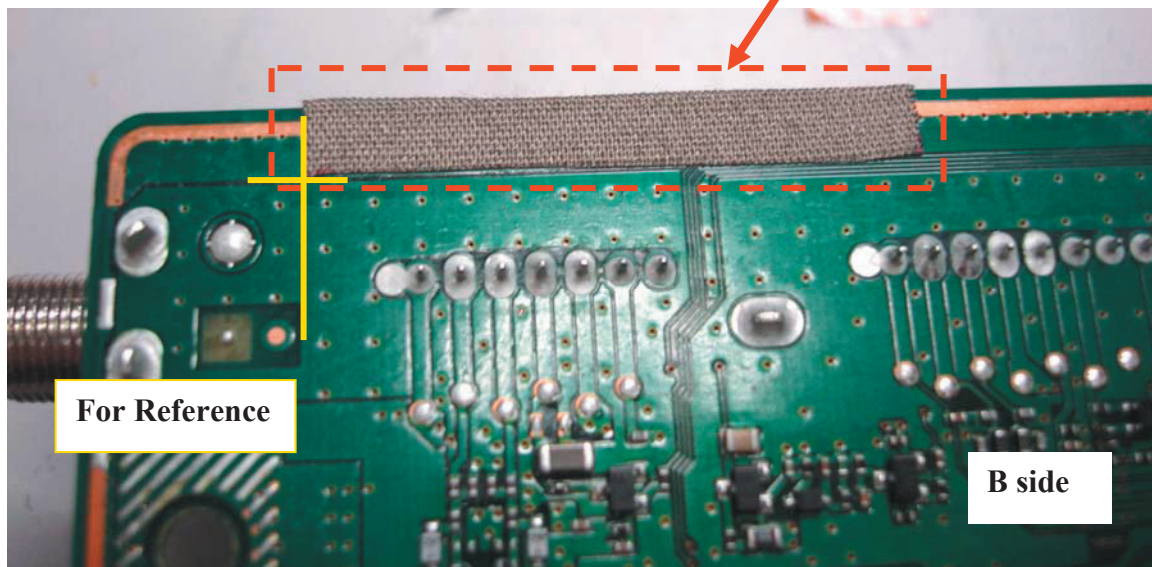
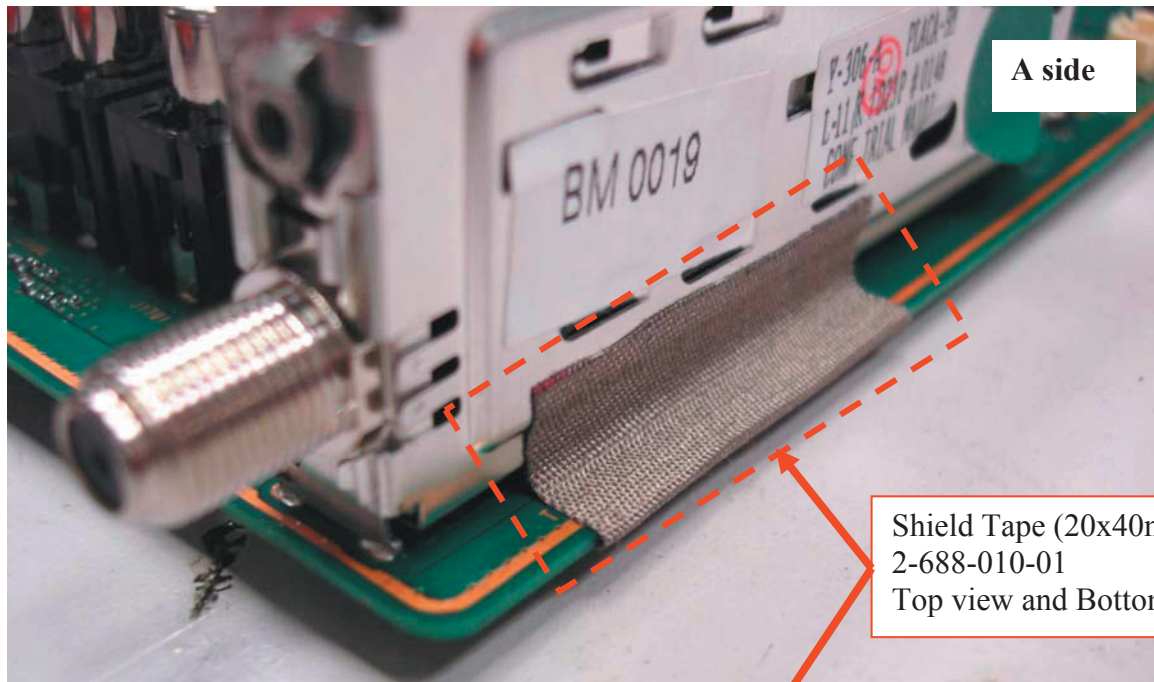


## KDL-32M3000/32ML130 ONLY

## AC CORD CONNECTOR

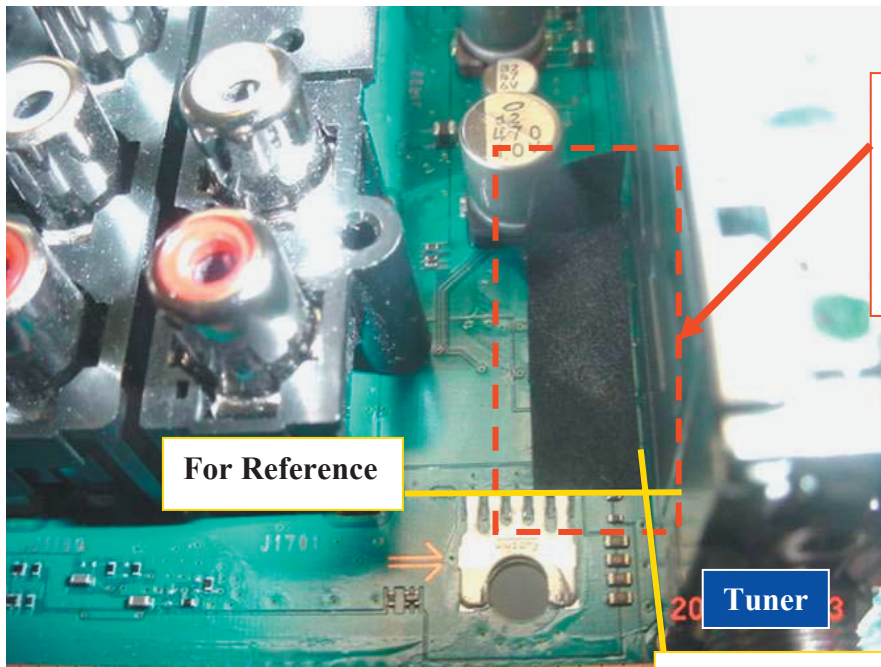




**KDL-32M3000/32ML130 ONLY****SHIELD TAPE PLACEMENT**

## KDL-32M3000/32ML130 ONLY

## SHIELD TAPE PLACEMENT (CONTINUED)

**STEP 1:**

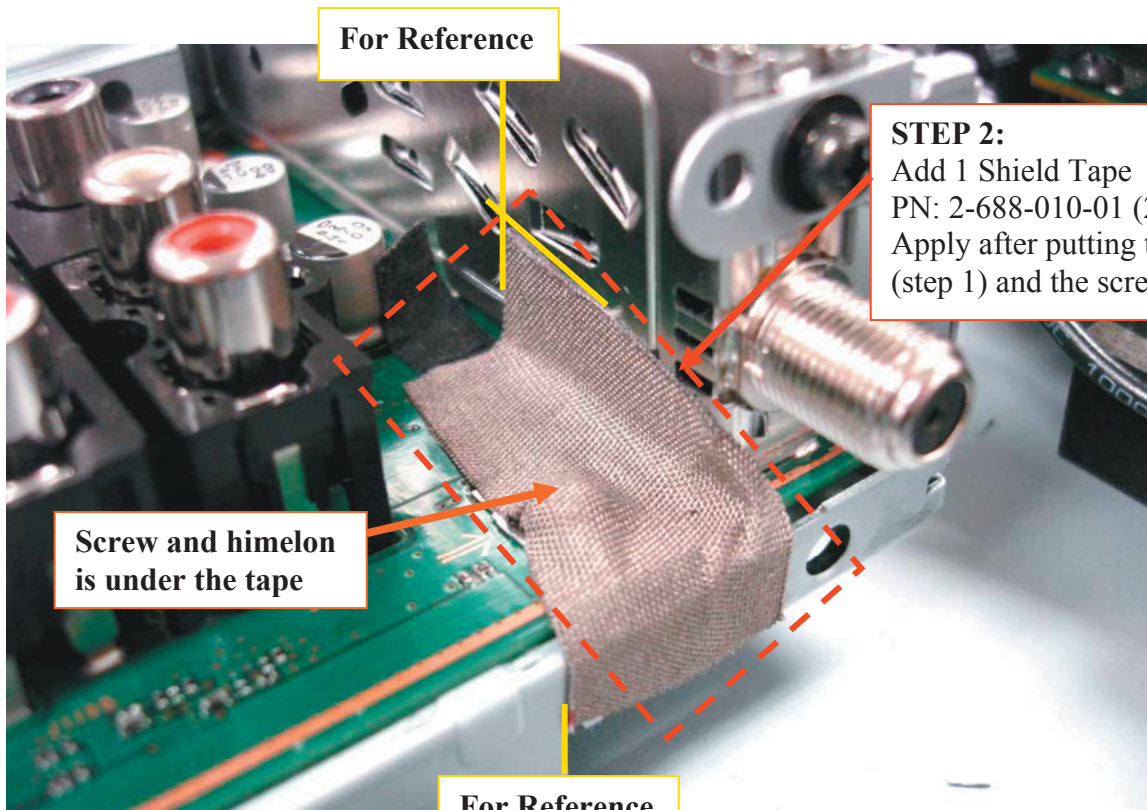
Add 1 Himelon Tape (LCD)  
PN: 2-688-062-01 (8x30mm)

Note: R7853 should be covered  
with himelon.

For Reference

Tuner

For Reference: Edge of Tuner



For Reference

**STEP 2:**

Add 1 Shield Tape  
PN: 2-688-010-01 (20x40mm)  
Apply after putting the himelon  
(step 1) and the screw.

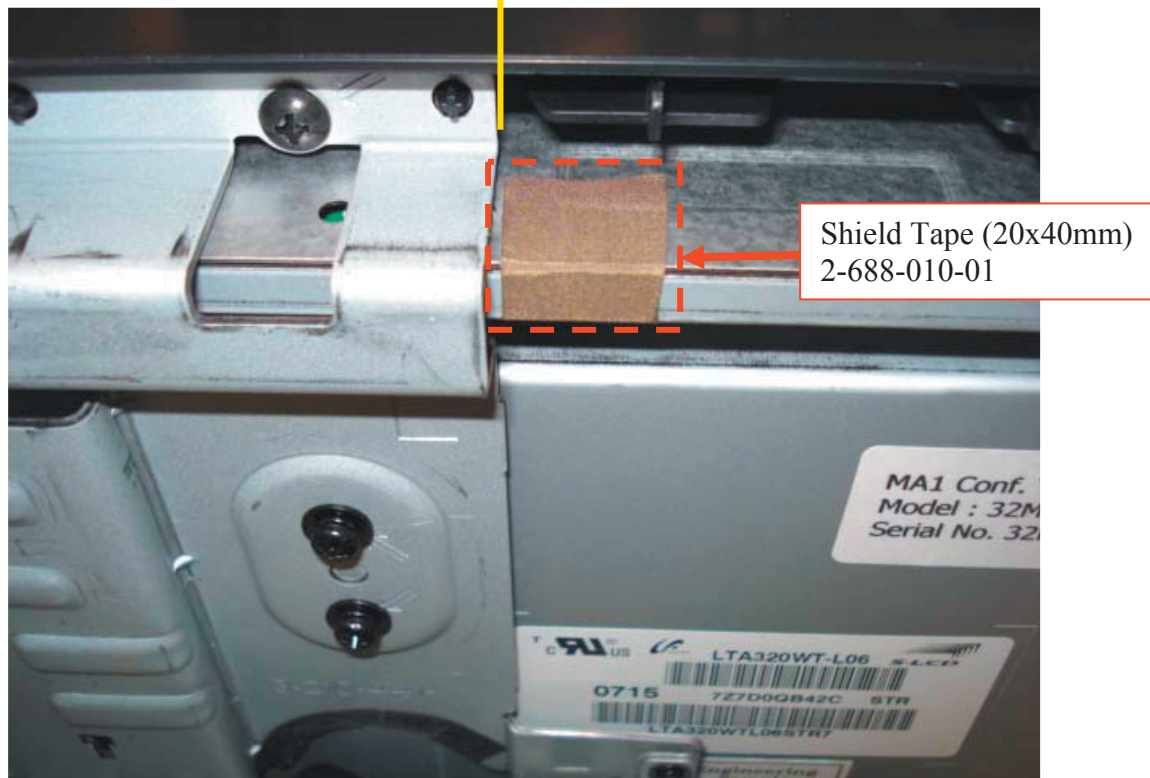
Screw and himelon  
is under the tape

For Reference

## KDL-32M3000/32ML130 ONLY

## SHIELD TAPE PLACEMENT (CONTINUED)

For Reference





## SECTION 2: SERVICE ADJUSTMENTS

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

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

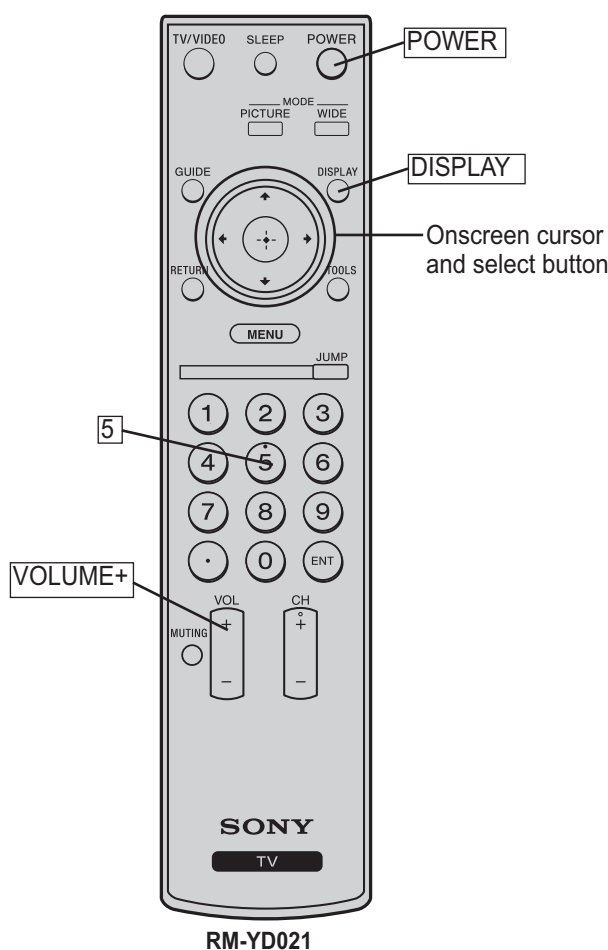
Equipment Needed:

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

### 2-2. ACCESSING SERVICE ADJUSTMENT MODE

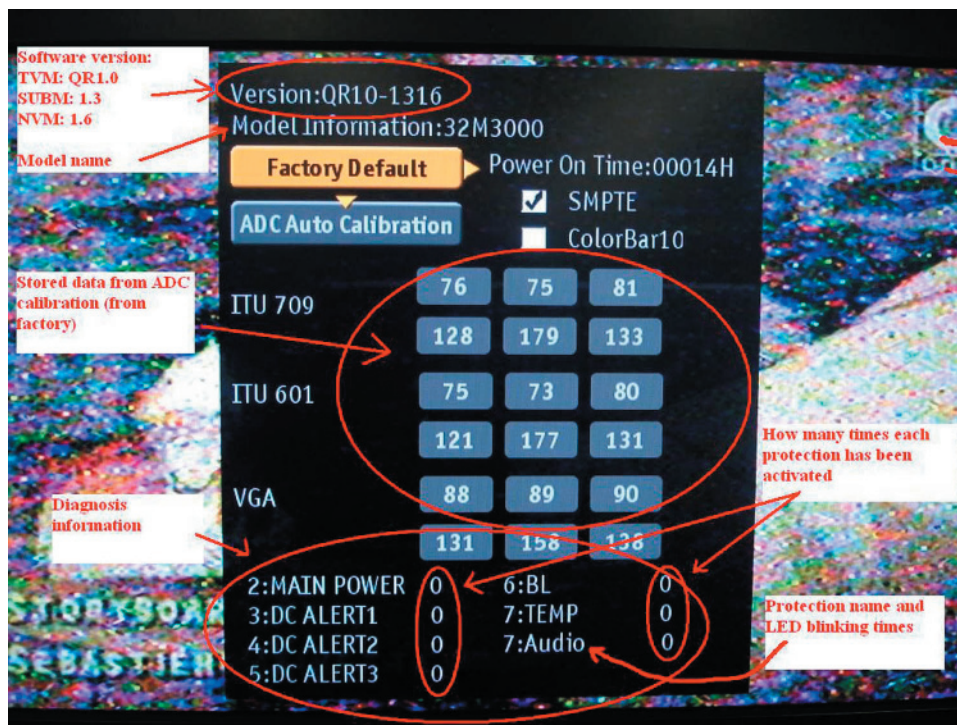
1. TV must be in standby mode. (Power off).
2. To display the service menu, press the following buttons on the Remote Commander within a second of each other:

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



## 2-3. VIEWING THE SERVICE MENUS

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



Sample Service Menu

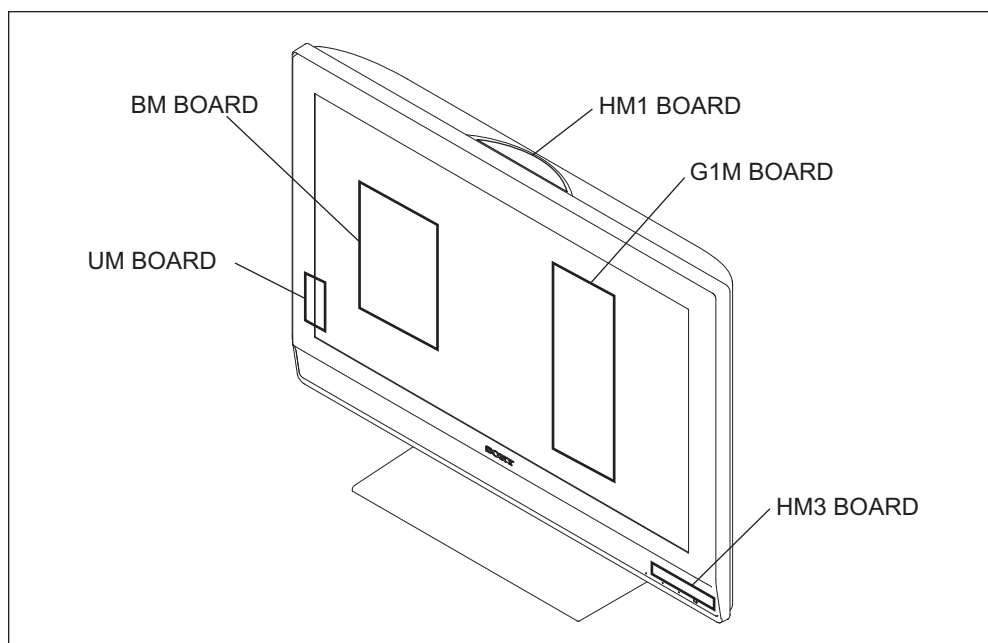
## 2-4. RESETTING TO FACTORY DEFAULTS

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

1. In Service Mode to select **Factory Default** press  $\oplus$ , then to select **Yes** press  $\oplus$ .

## SECTION 3: DIAGRAMS

### 3-1. CIRCUIT BOARDS LOCATION



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

All capacitors are in  $\mu\text{F}$  unless otherwise noted.  $\text{pF}$  :  $\mu\text{F}$  50WV or less are not indicated except for electrolytics and tantalums.

All electrolytics are in 50V unless otherwise specified.

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

Indication of resistance, which does not have one for rating electrical power, is as follows: Pitch : 5mm  
Rating electrical power :  $\frac{1}{4}\text{W}$

$\frac{1}{4}\text{W}$  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

: RS NONFLAMMABLE METAL OXIDE

: RB NONFLAMMABLE CEMENT

: ※ ADJUSTMENT RESISTOR

## CAPACITOR

: TA TANTALUM

: PS STYROL

: PP POLYPROPYLENE

: PT MYLAR

: MPS METALIZED POLYESTER

: MPP METALIZED POLYPROPYLENE

: ALB BIPOLAR

: ALT HIGH TEMPERATURE

: ALR HIGH RIPPLE

## COIL

: LF-8L MICRO INDUCTOR

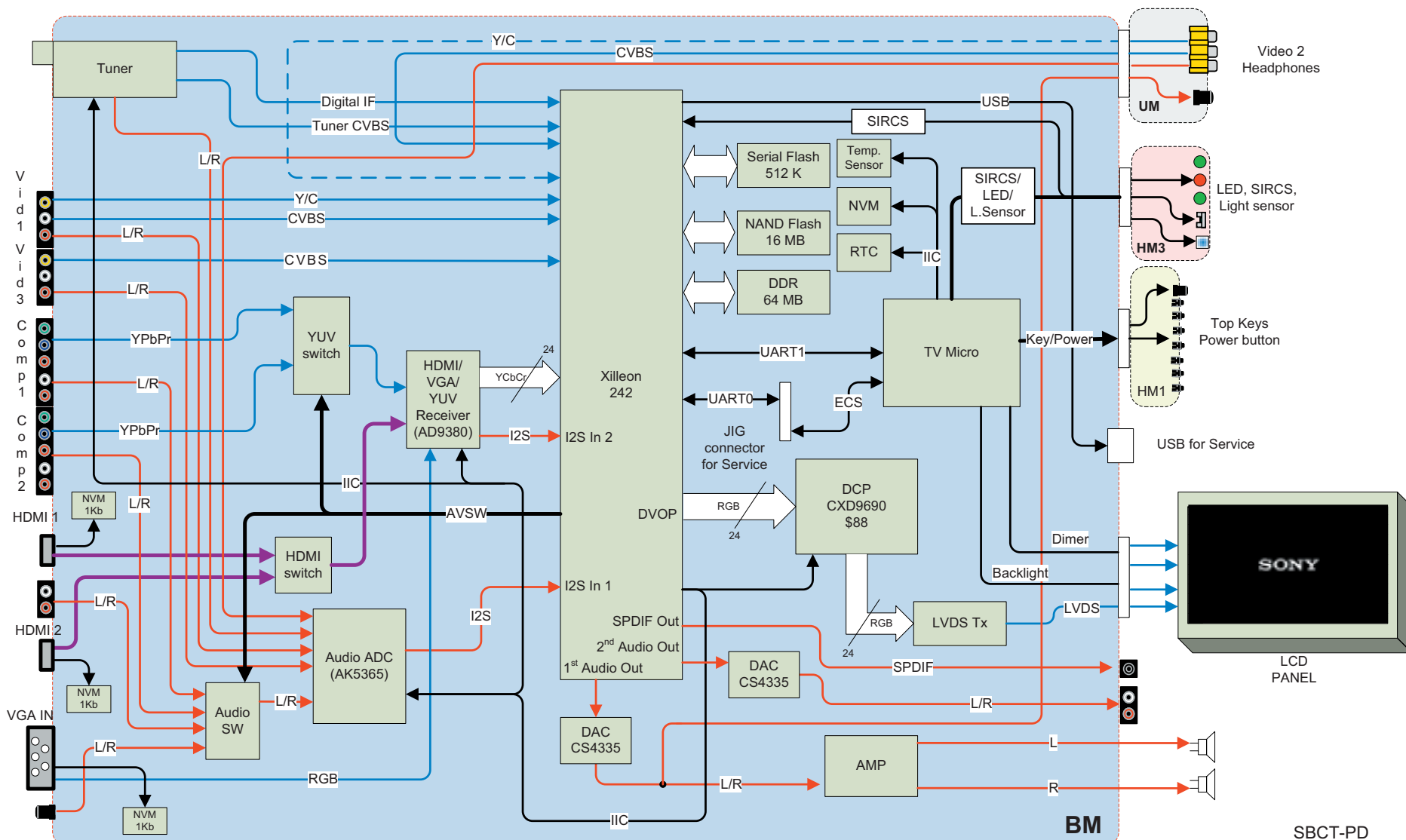
Terminal name of semiconductors in silk screen  
printed circuit (※)

|     | Device                 | Printed symbol | Terminal name                        | Circuit |
|-----|------------------------|----------------|--------------------------------------|---------|
| 1   | Transistor             |                | Collector<br>Base<br>Emitter         |         |
| 2   | Transistor             |                | Collector<br>Base<br>Emitter         |         |
| 3   | Diode                  |                | Cathode<br>Anode                     |         |
| 4   | Diode                  |                | Cathode<br>Anode (NC)                |         |
| 5   | Diode                  |                | Cathode<br>Anode (NC)                |         |
| 6   | Diode                  |                | Common<br>Anode<br>Cathode           |         |
| 7   | Diode                  |                | Common<br>Anode<br>Cathode           |         |
| 8   | Diode                  |                | Common<br>Anode<br>Anode             |         |
| 9   | Diode                  |                | Common<br>Anode<br>Anode             |         |
| 0   | Diode                  |                | Common<br>Cathode<br>Cathode         |         |
| !i  | Diode                  |                | Common<br>Cathode<br>Cathode         |         |
| !TM | Diode                  |                | Anode<br>Anode<br>Cathode<br>Cathode |         |
| !£  | Transistor (FET)       |                | Drain<br>Source<br>Gate              |         |
| !Ç  | Transistor (FET)       |                | Drain<br>Source<br>Gate              |         |
| !?  | Transistor (FET)       |                | □ Source<br>□ Drain<br>□ Gate        |         |
| !§  | Transistor             |                | □ Emitter<br>□ Collector<br>□ Base   |         |
| !¶  | Transistor             |                | C2(B1) E1<br>E2(B2) C1               |         |
| !•  | Transistor             |                | C1(B2) E2<br>E1(B1) C2               |         |
| !a  | Transistor             |                | C1 B2 E2<br>E1 B1 C2                 |         |
| @°  | Transistor             |                | C1 B2 E2<br>E1 B1 C2                 |         |
| @ı  | Transistor             |                | E2 B1 E1<br>C2 C1(B2)                |         |
| @TM | Transistor             |                | (B2)<br>B1 E1 E2<br>C1 C2            |         |
| @£  | Transistor             |                | (B2)<br>E2 E1 B1<br>C2 C1            |         |
| —   | Discrete semiconductot |                |                                      |         |

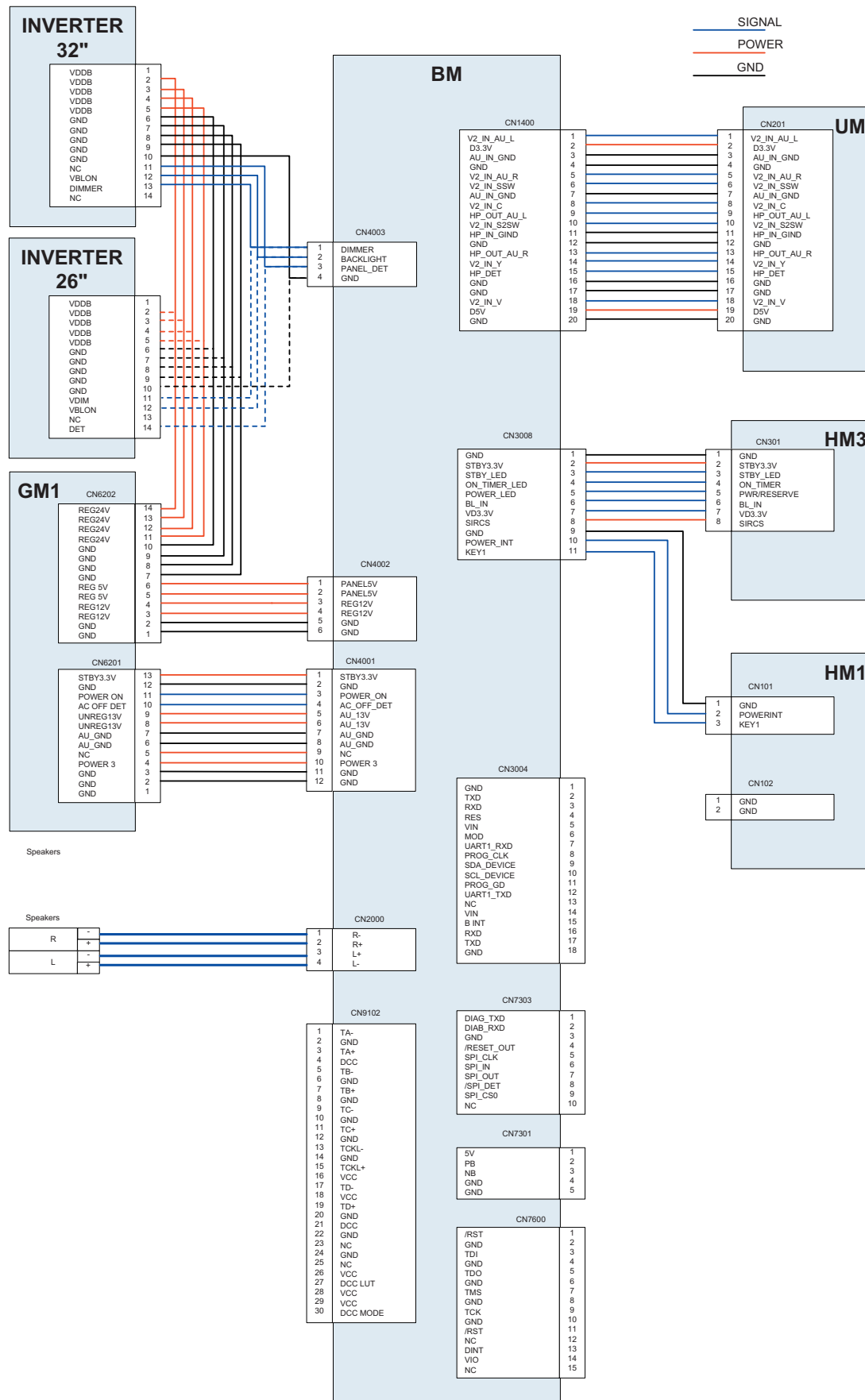
(Chip semiconductors that are not actually used are included.)

Ver.1.6

## 3-3. BLOCK DIAGRAM

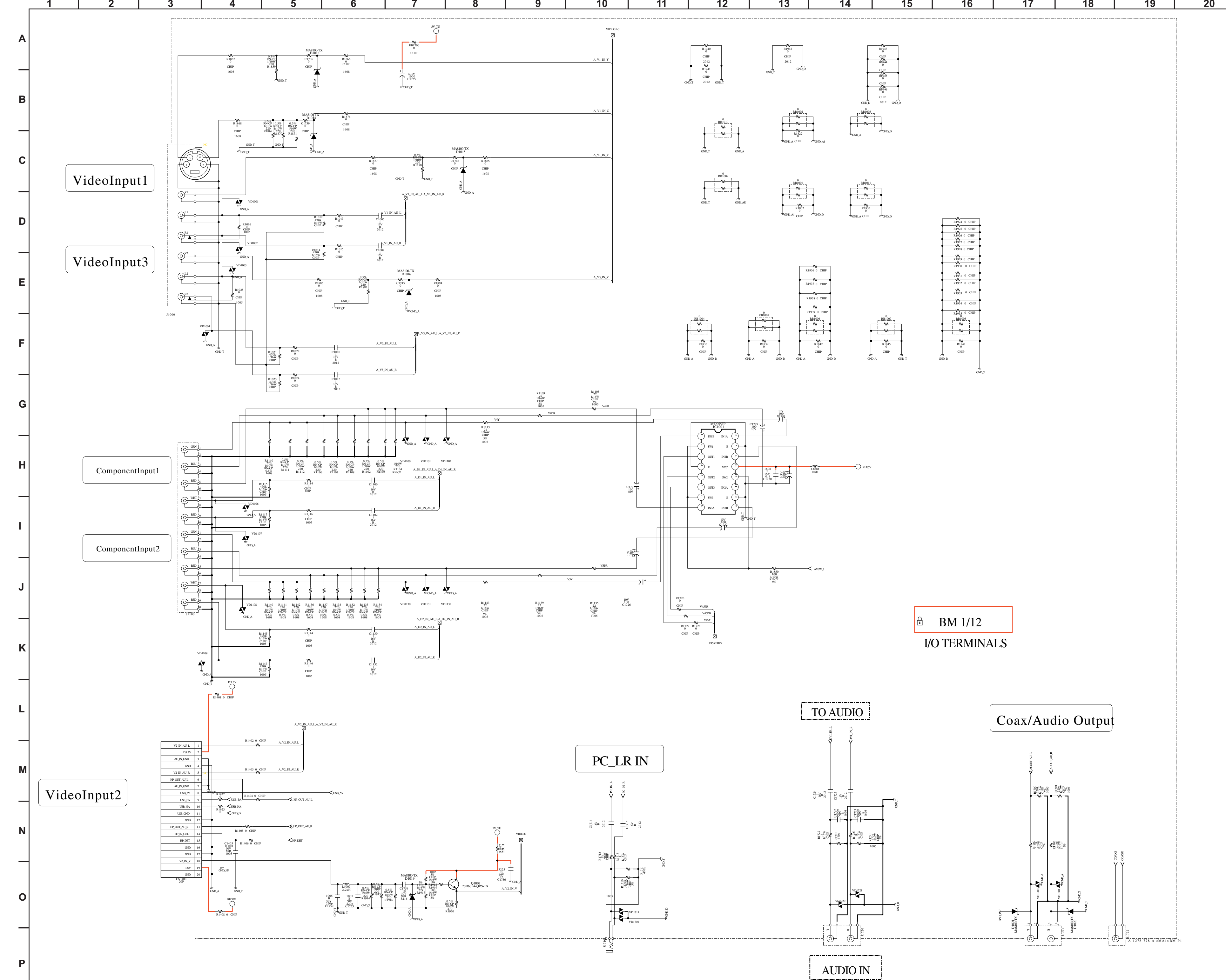


## 3-4. CONNECTION DIAGRAM



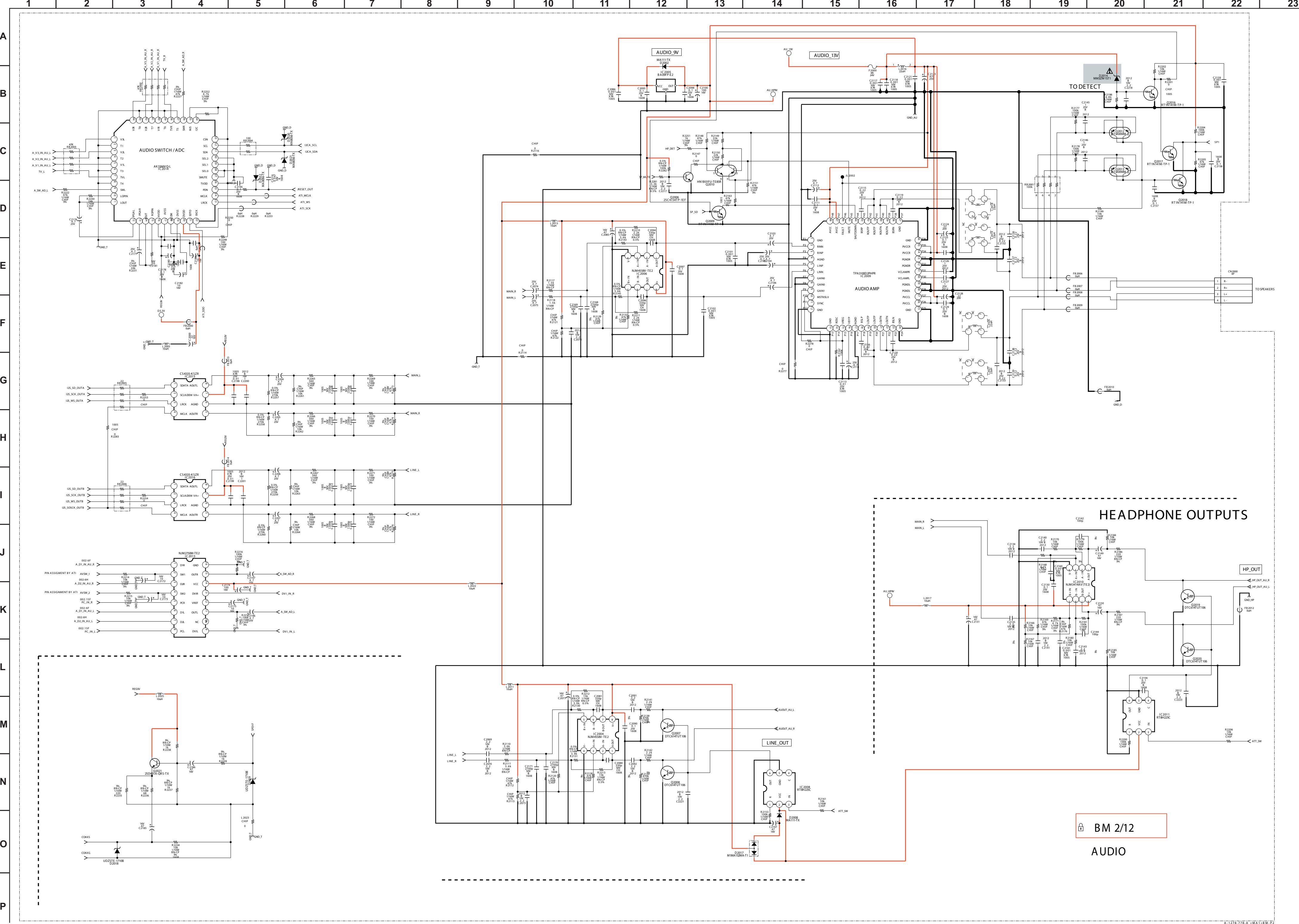


3-5. SCHEMATICS AND SUPPORTING INFORMATION  
BM BOARD SCHEMATIC DIAGRAM (1 OF 12)



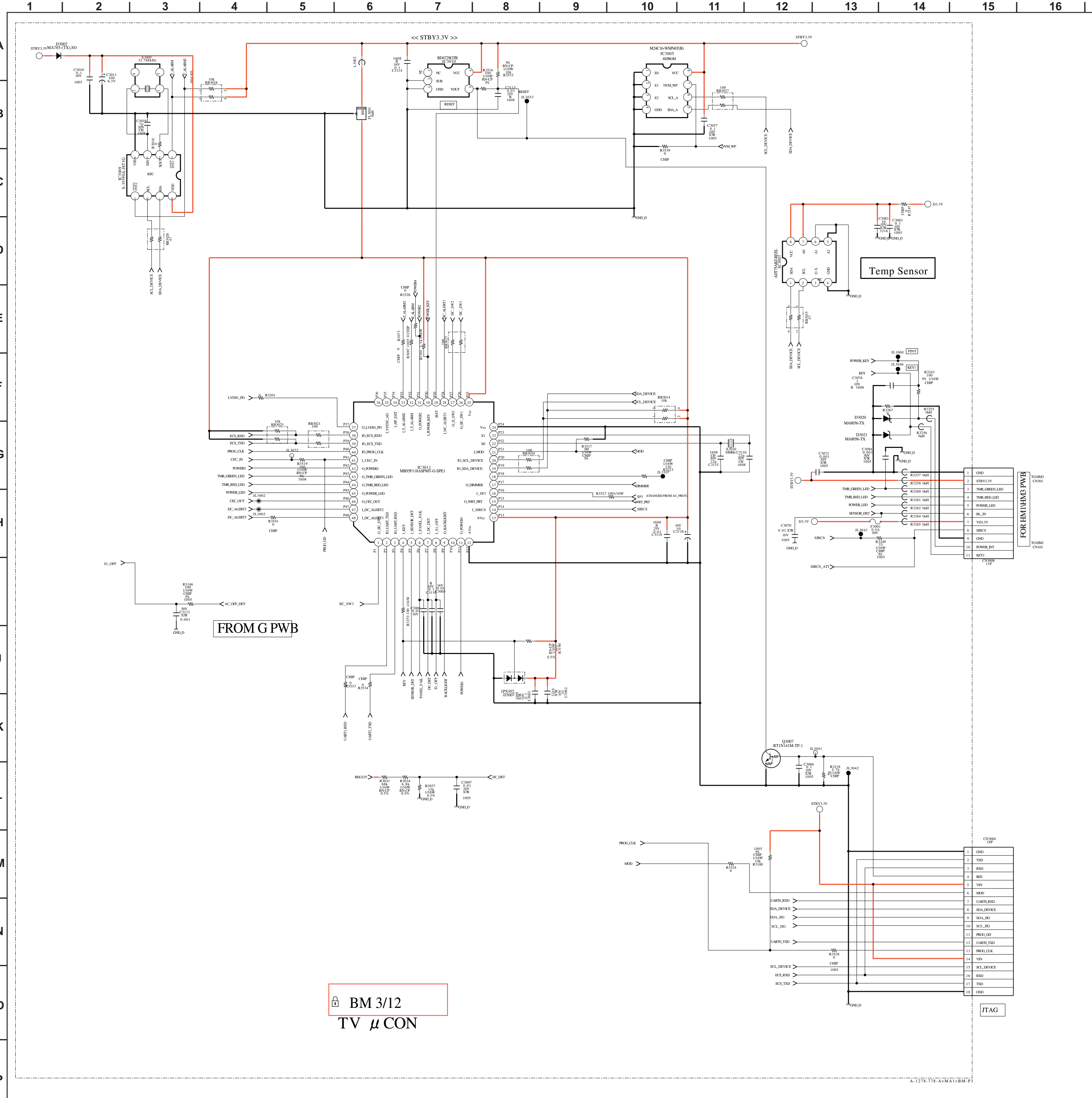
BM 1/12  
I/O TERMINALS

BM BOARD SCHEMATIC DIAGRAM (2 OF 12)





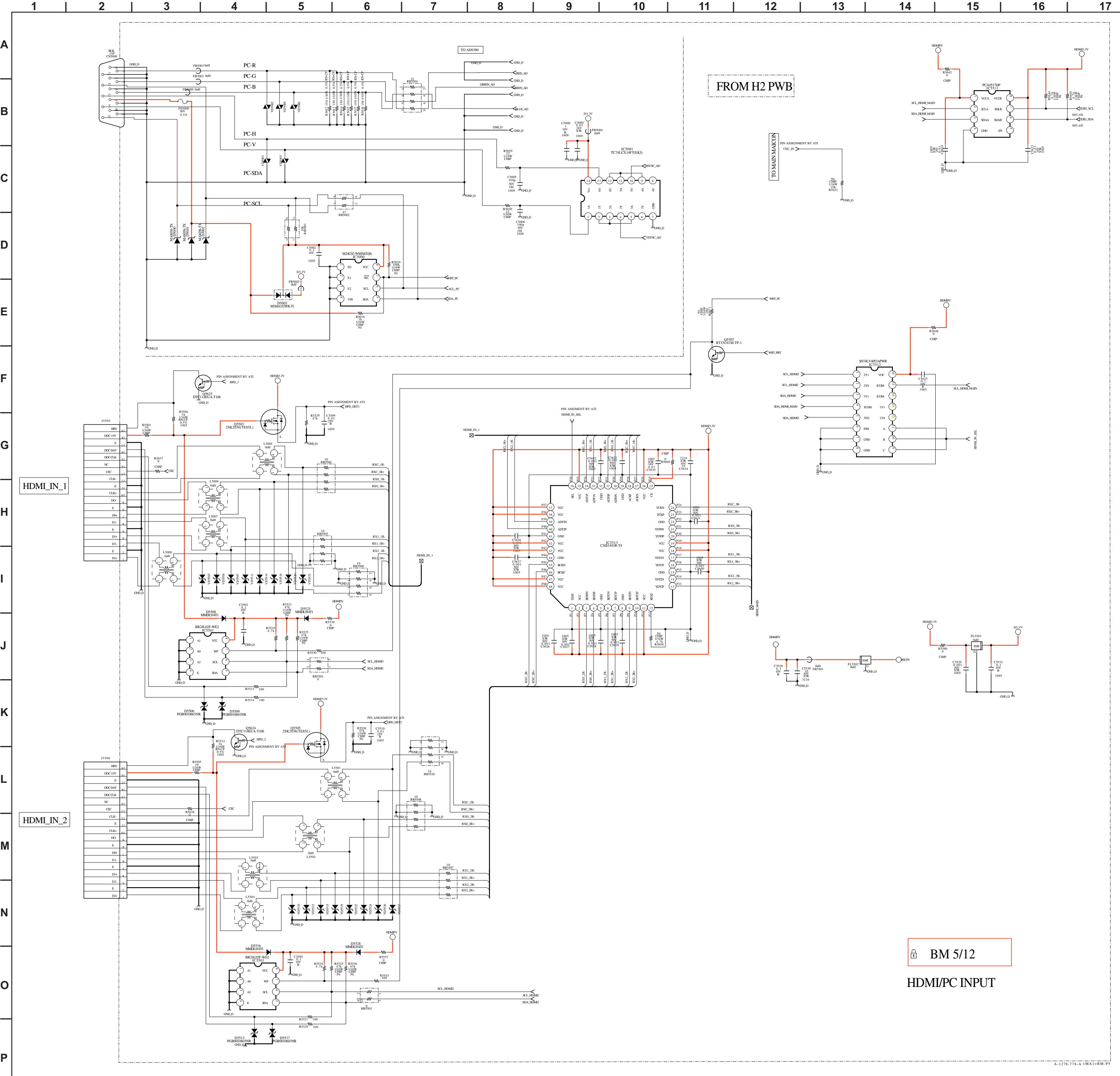
BM BOARD SCHEMATIC DIAGRAM (3 OF 12)







BM BOARD SCHEMATIC DIAGRAM (5 OF 12)

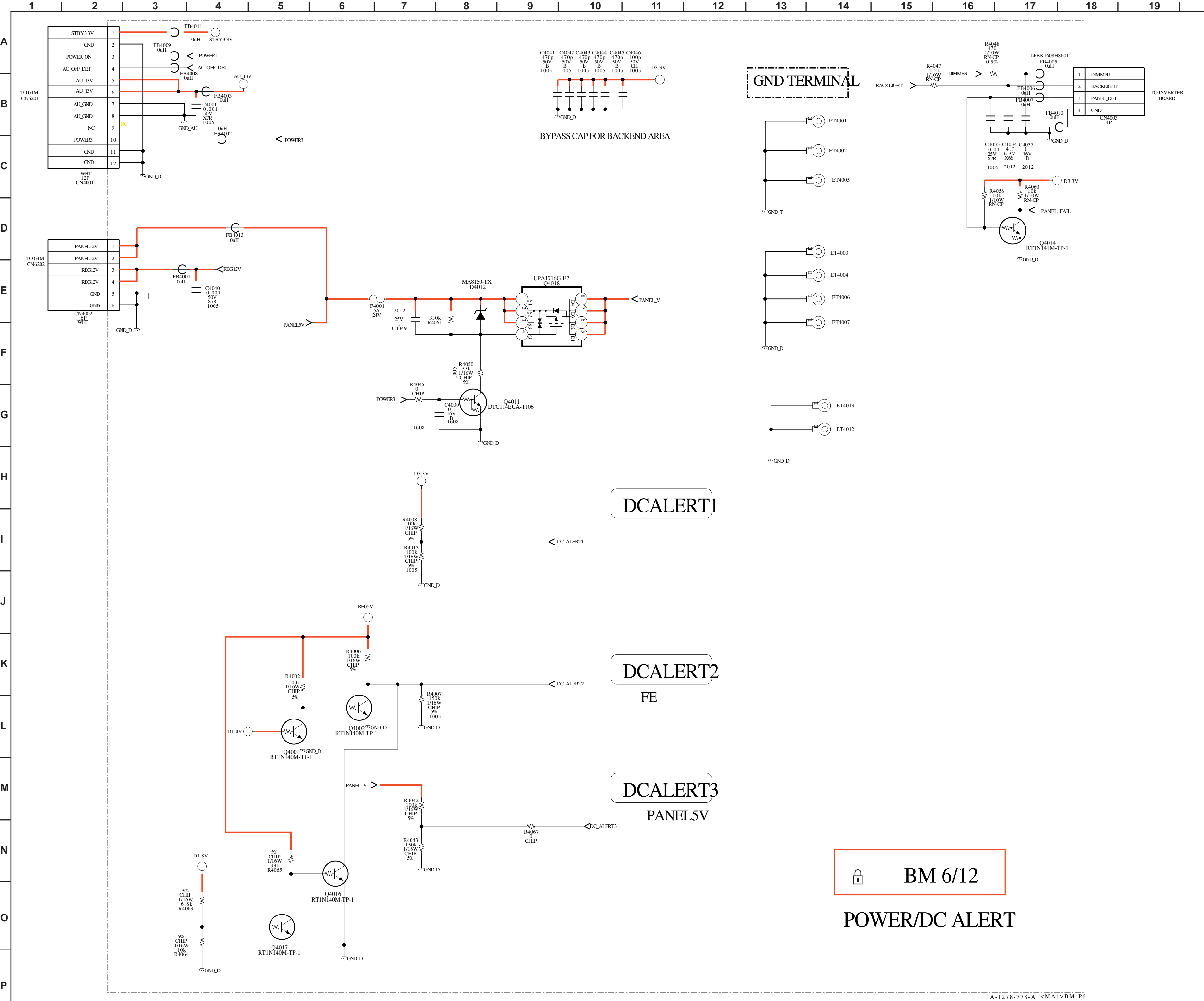


BM 5/12

HDMI/PC INPUT



BM BOARD SCHEMATIC DIAGRAM (6 OF 12)



BM 6/12

POWER/DC ALERT

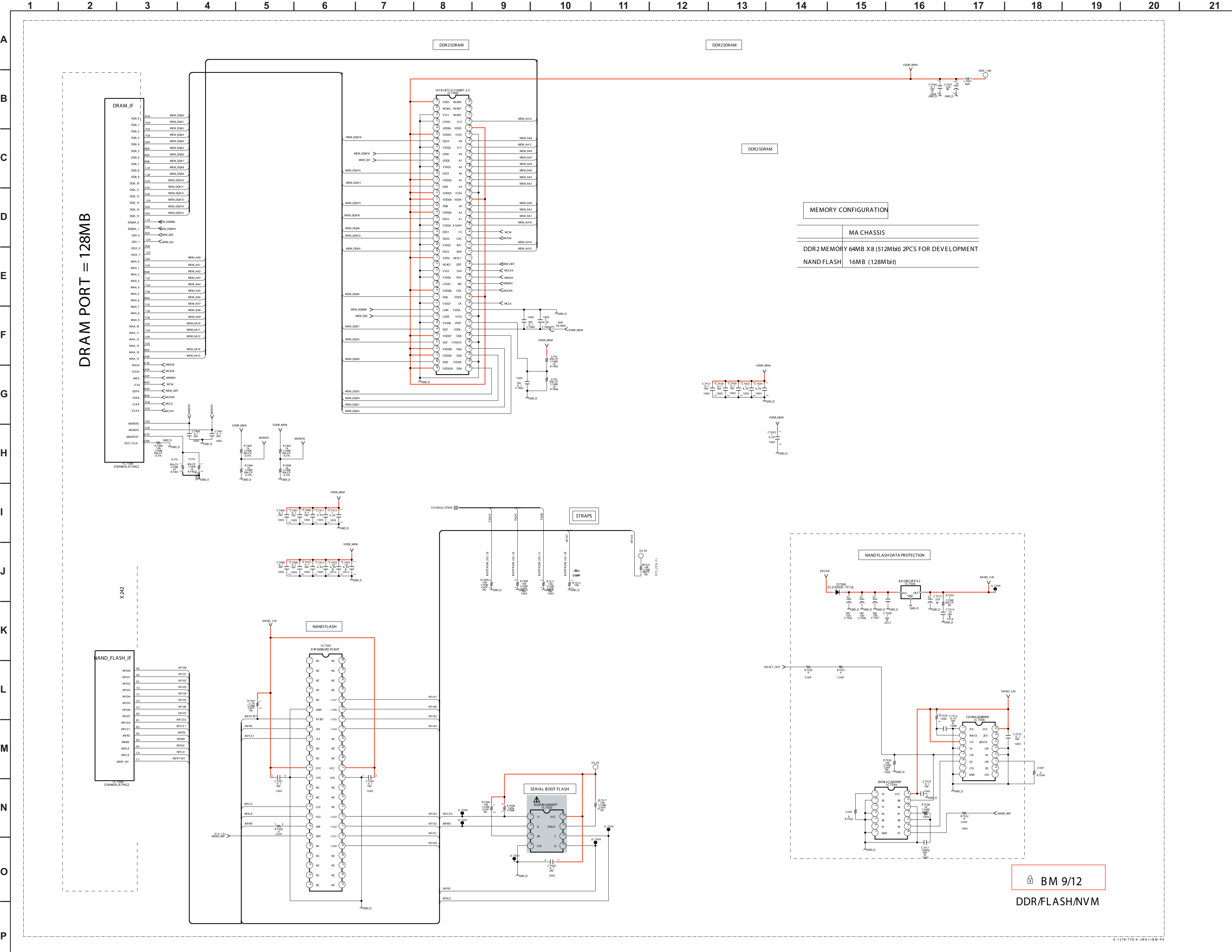








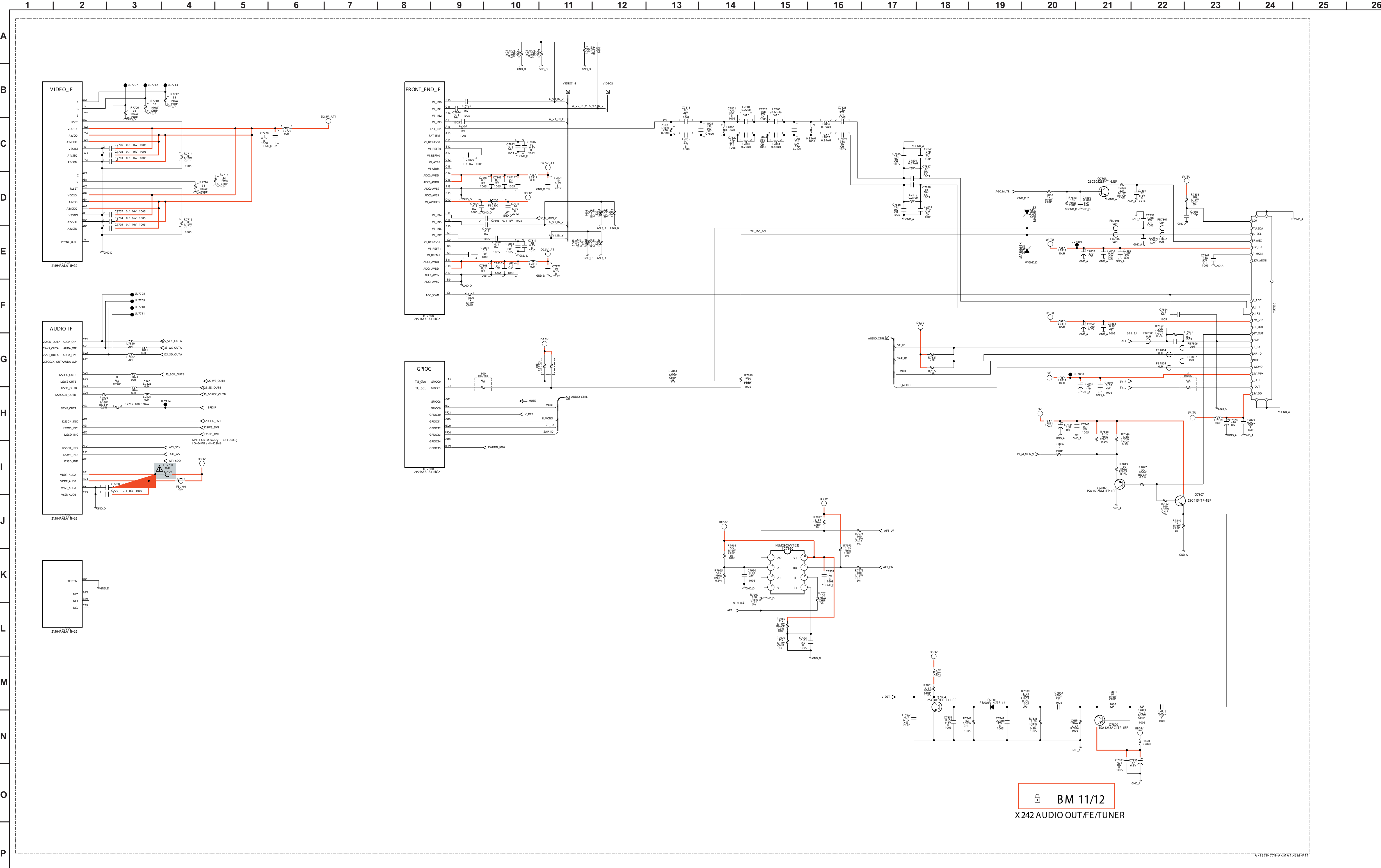
BM BOARD SCHEMATIC DIAGRAM (9 OF 12)







BM BOARD SCHEMATIC DIAGRAM (11 OF 12)

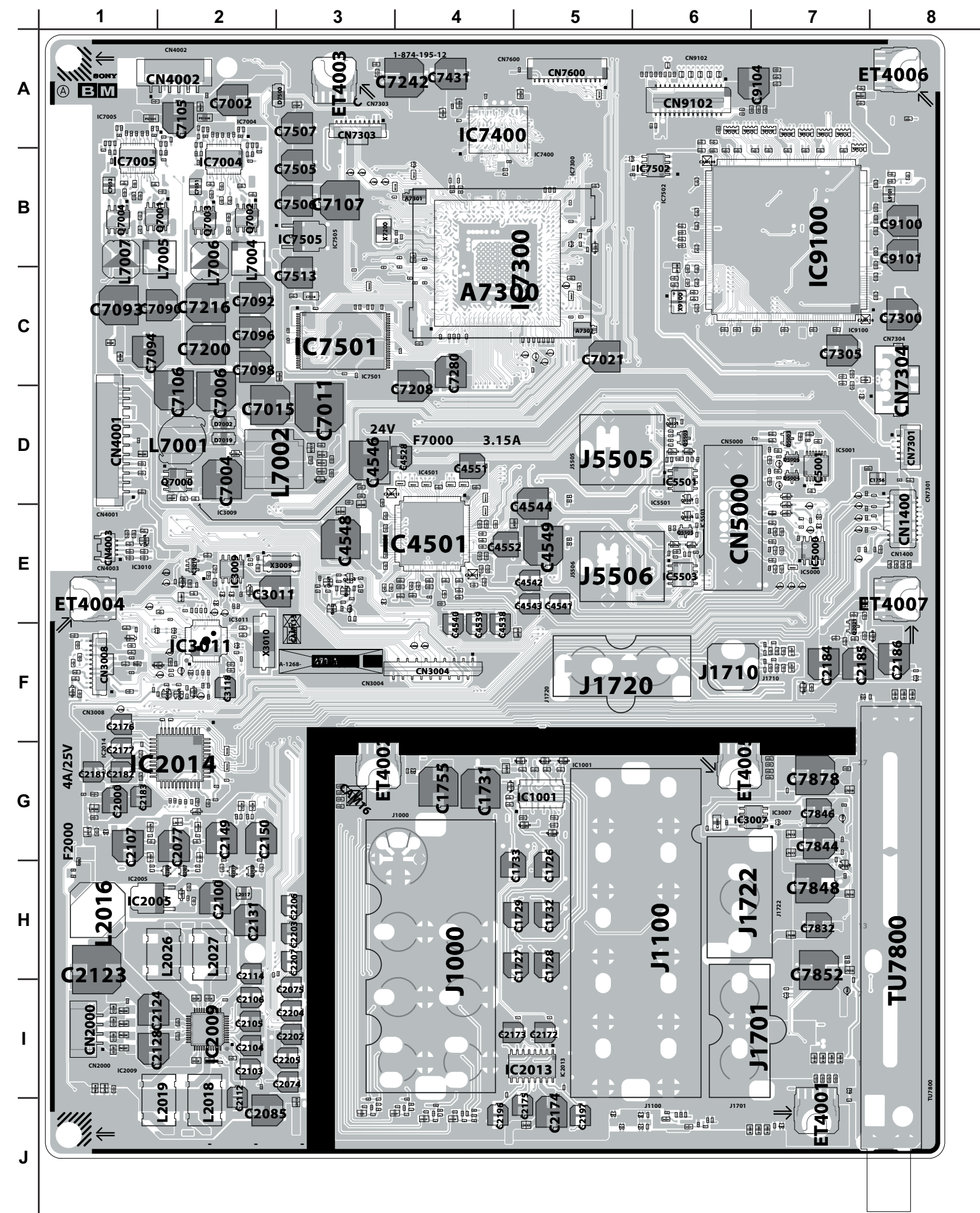




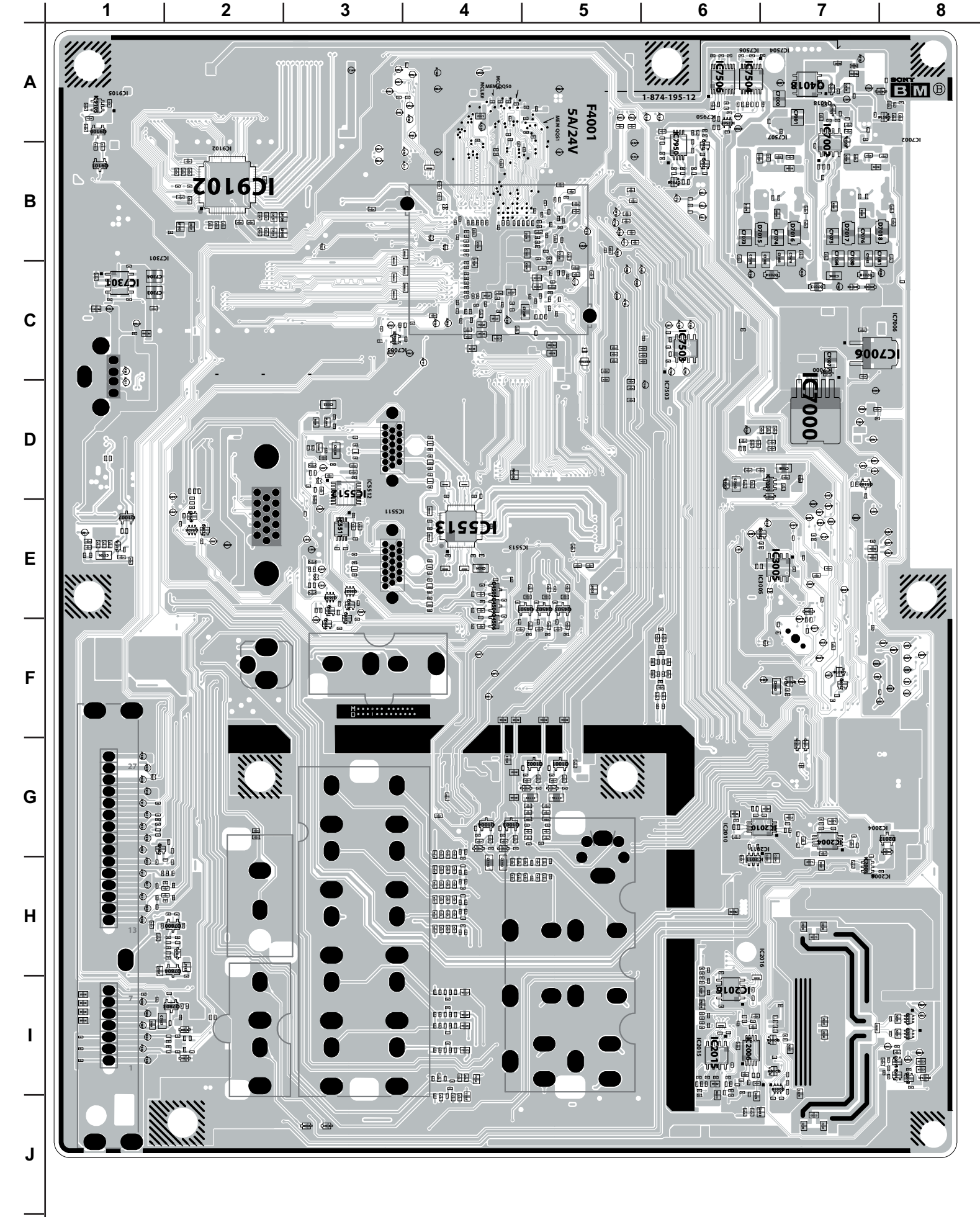




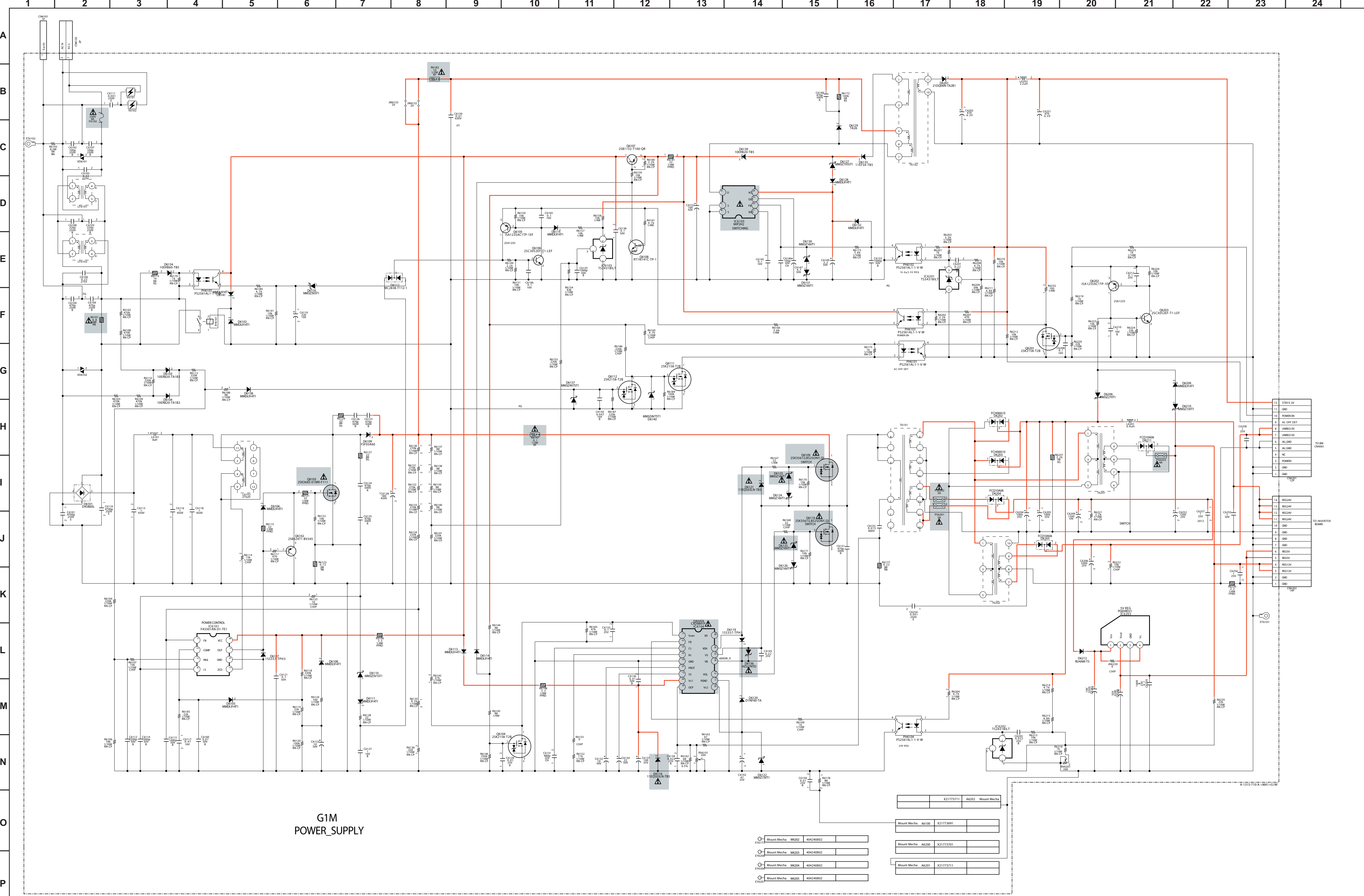
### COMPONENT SIDE



### CONDUCTOR SIDE



G1M BOARD SCHEMATIC DIAGRAM



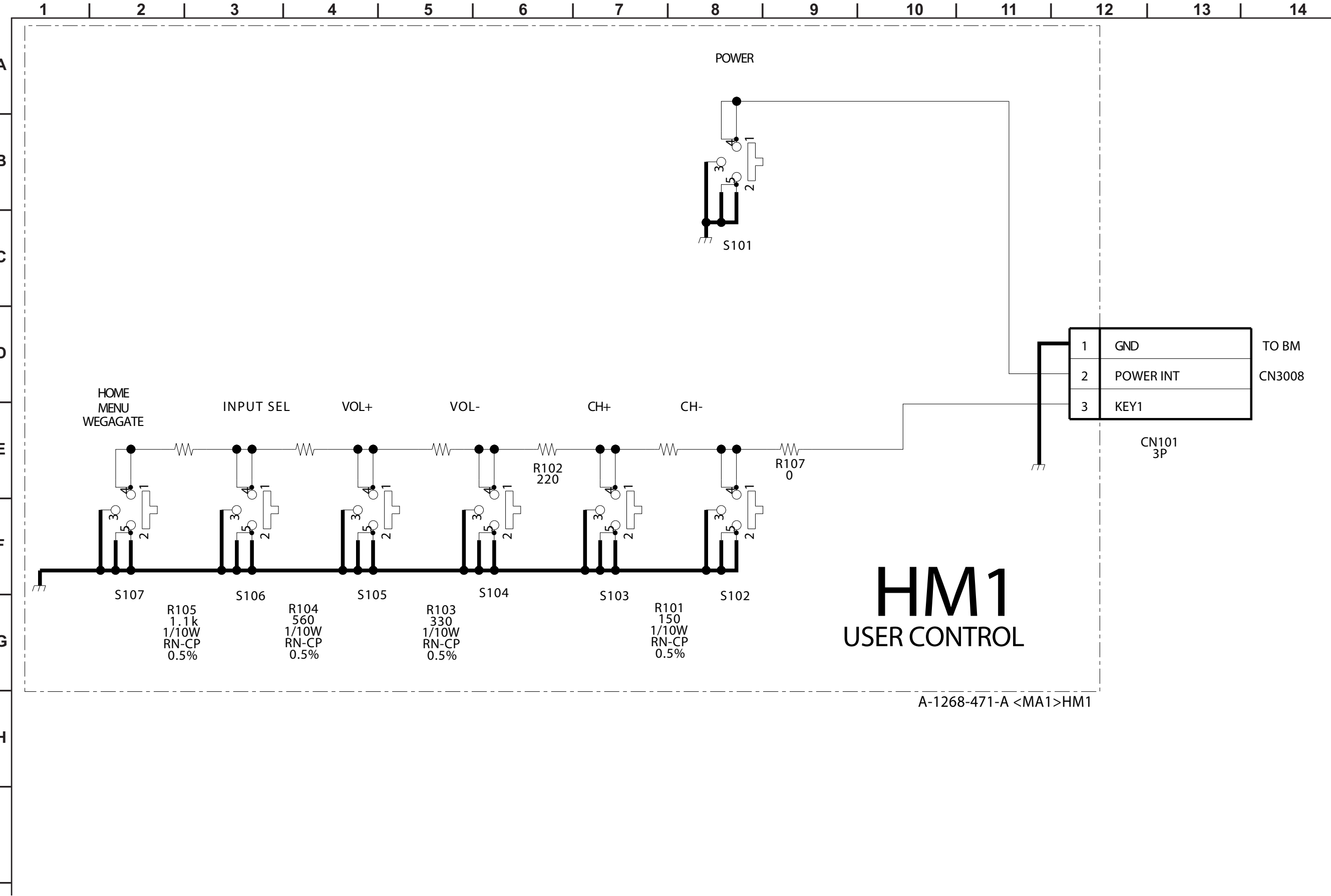


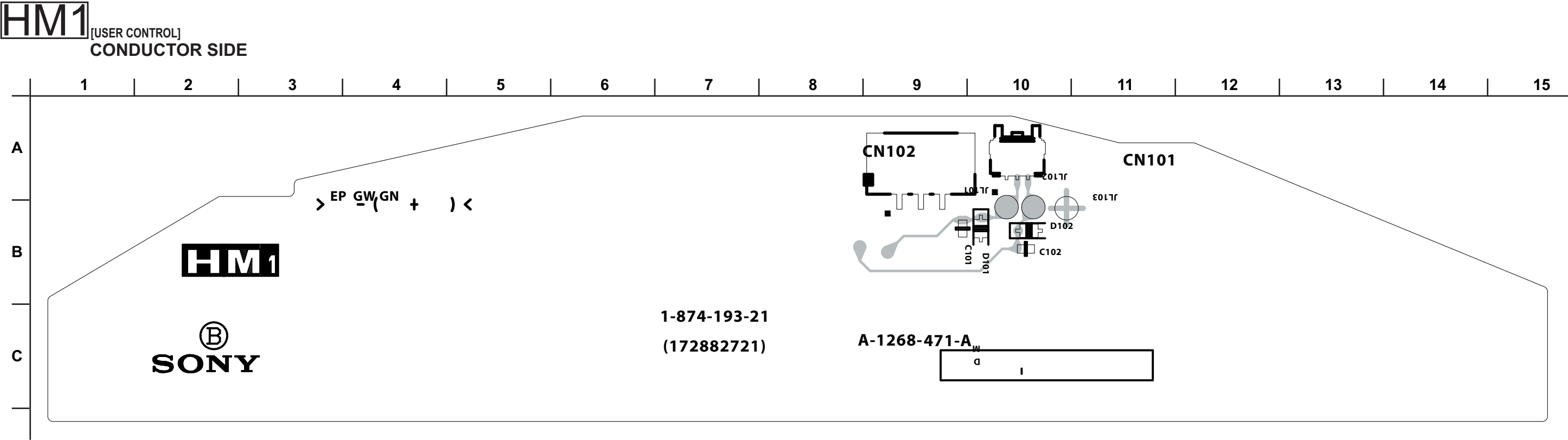
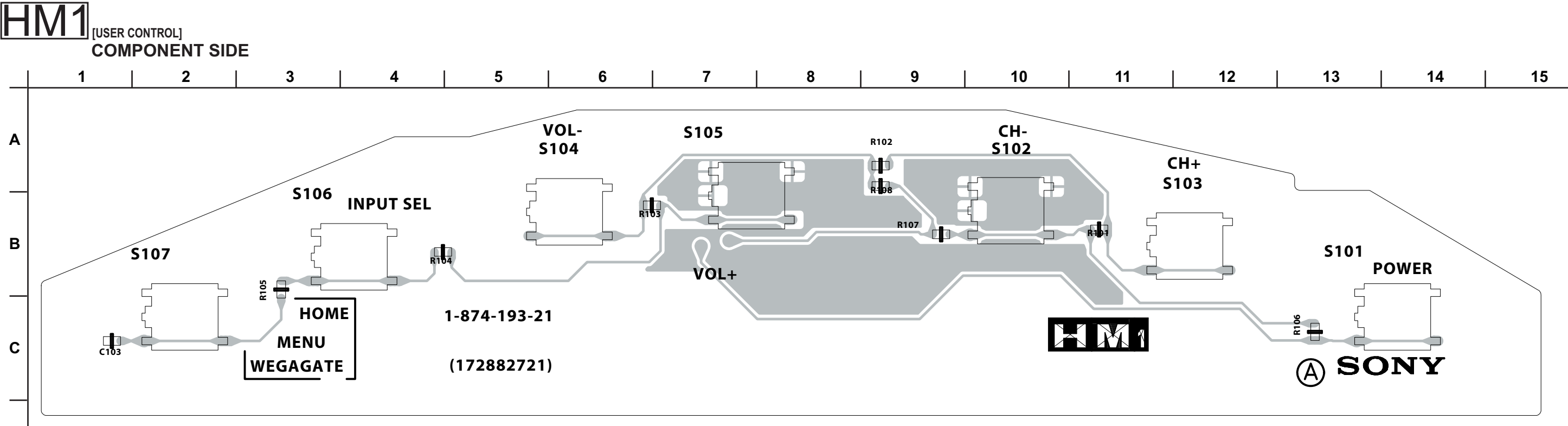




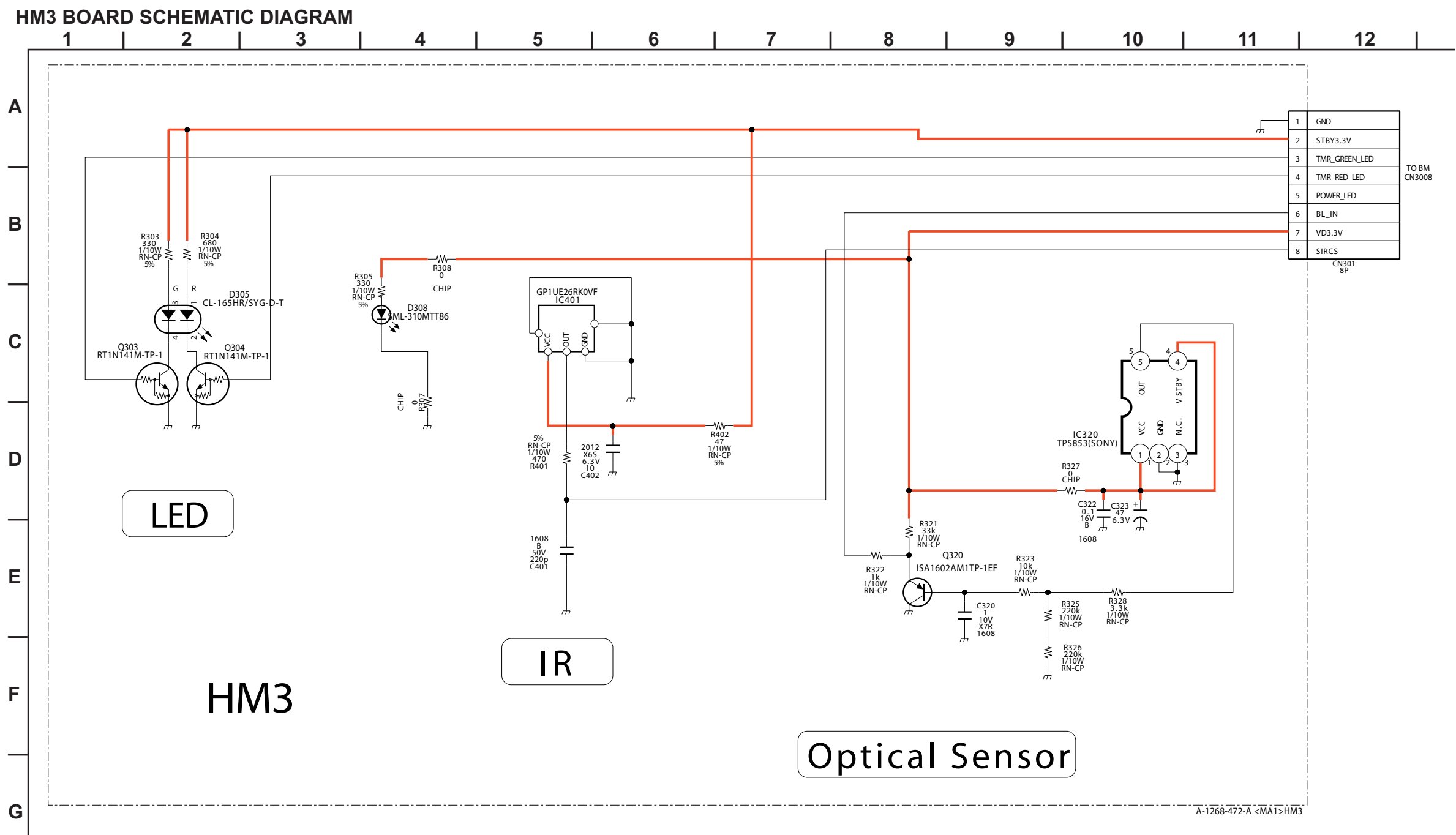


HM1 BOARD SCHEMATIC DIAGRAM



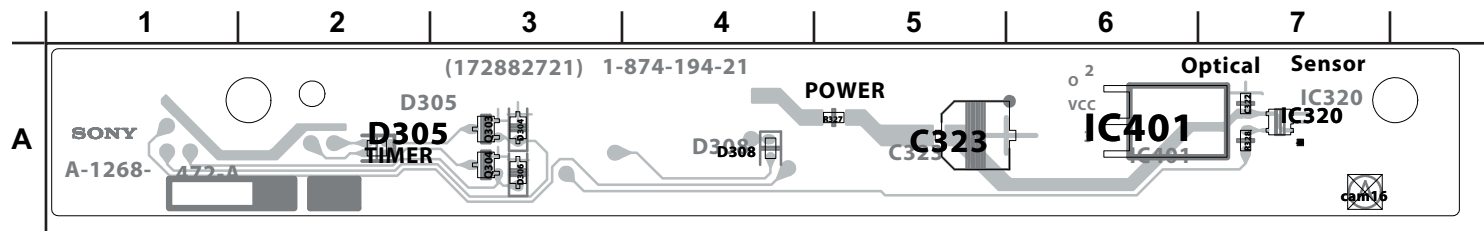






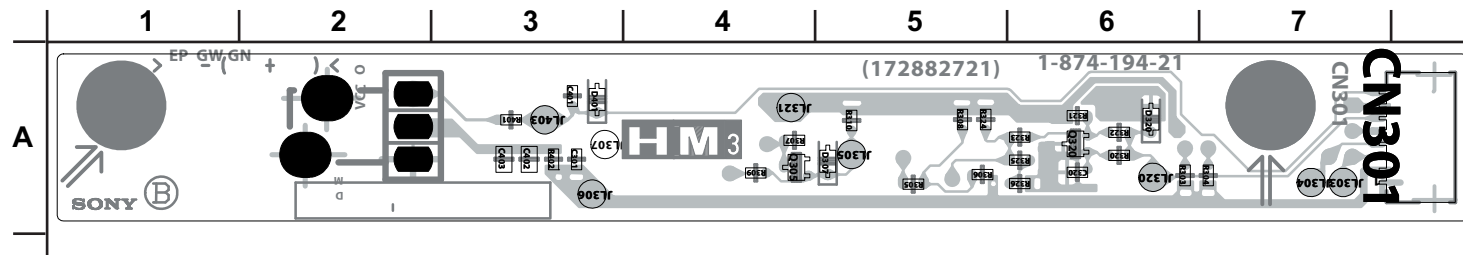
# HM3

[OPTICAL SENSOR]  
COMPONENT SIDE

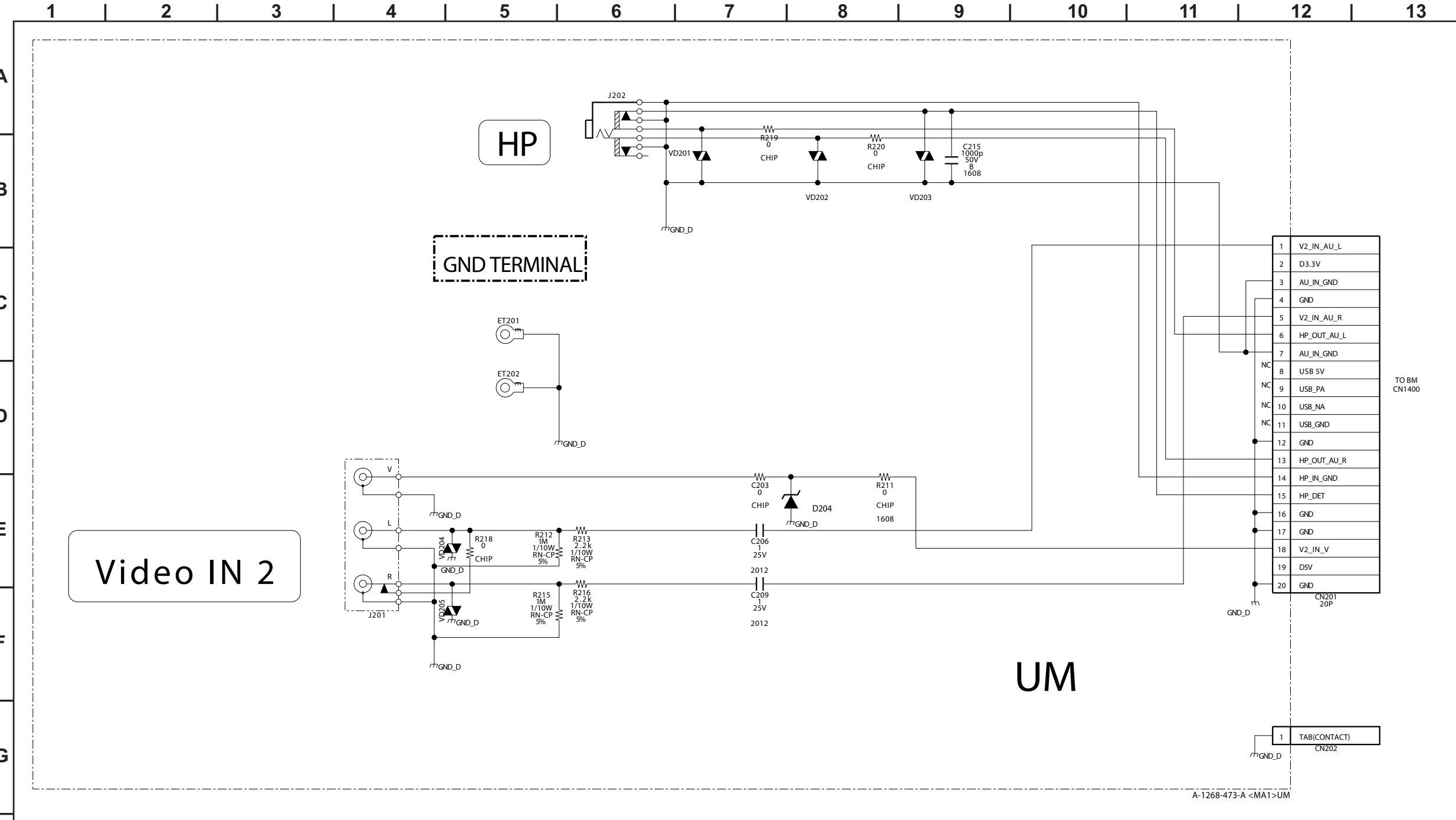


# HM3

[OPTICAL SENSOR]  
CONDUCTOR SIDE



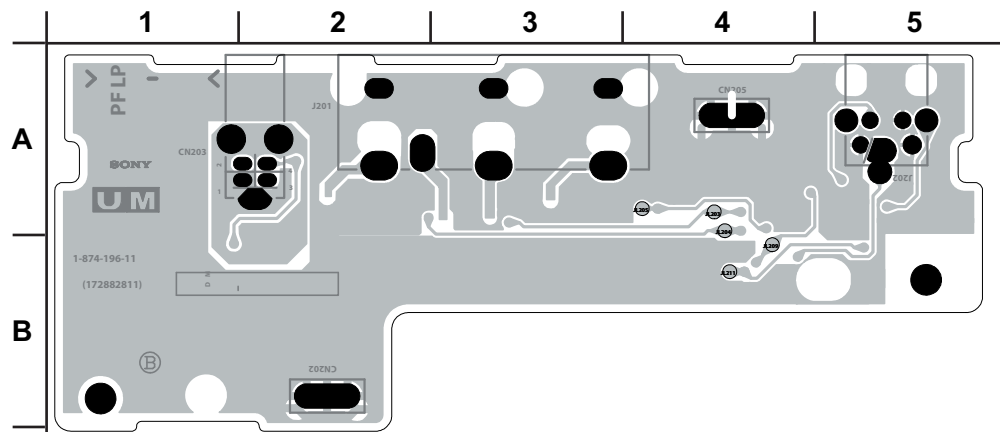
UM BOARD SCHEMATIC DIAGRAM



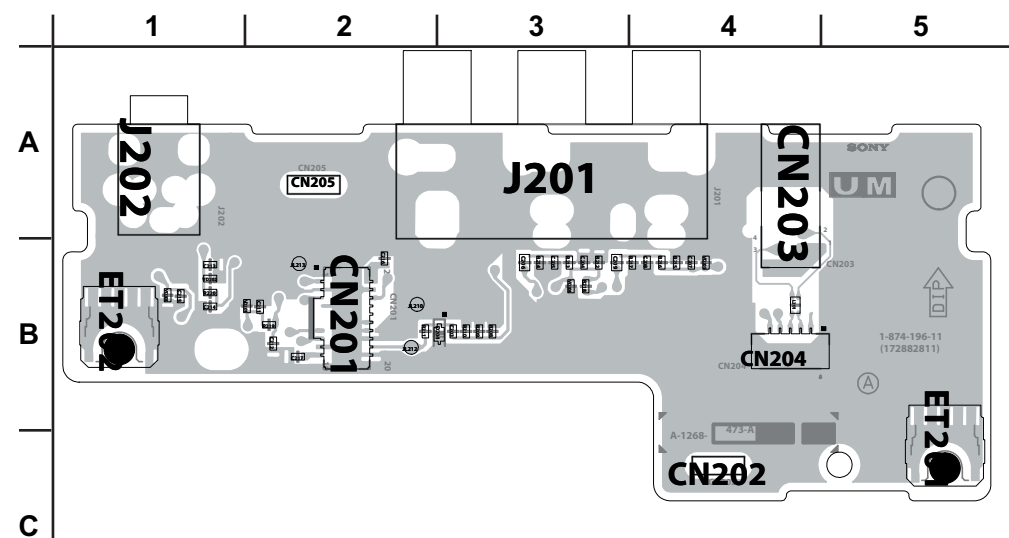


**UM**

[VIDEO 2 IN]

**COMPONENT SIDE****UM**

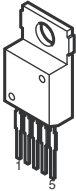
[VIDEO 2 IN]

**CONDUCTOR SIDE**

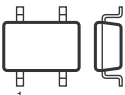
3-6. SEMICONDUCTORS

IC

BA00AST-V5

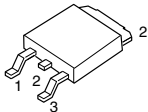


BA05FP-E2  
BA09FP-E2  
S-1111B33MC-NYSTFG  
S-80928CNMC-G8YT2G  
TC7SZ125FU(TE85R)

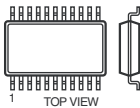


5Pin CHIP

BA18BC0FP-E2  
BA25BC0FP-E2

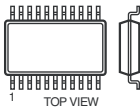


BR24L02F-WE2  
CS4335-KSZR  
FA5501N-TE1  
LM75CIMX-3  
M24128-BWMN6T(A)  
M24C02-WMN6T(B)  
NJM2521V(TE2)  
NJM3414AV(TE2)  
RC4558DR  
RC4558PWR



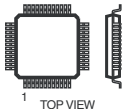
8Pin SOP

CD4052BNSR  
FMS6418AM16X



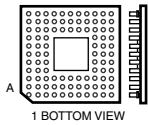
16Pin SOP

CXA2188Q-T4



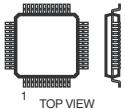
40Pin QFP

EM6A9320BI-5MG



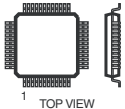
144Pin PGA

HD6433692A39FXV  
HD64F3694FXV-DA4  
TPA3004D2PHPR



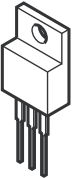
48Pin QFP

HD64F2378-12681-01

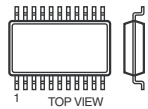


144Pin QFP

L88M05T-FA-TL



M52347FP-TE

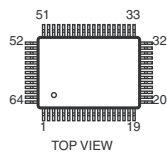


20Pin SOP

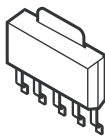
MM1431ATT



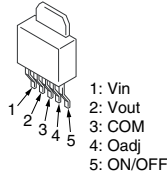
NJW1149AFH1



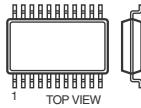
PQ1CY1032ZP



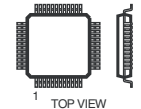
PQ1CZ41H2ZPH



RV5C387A-E2-FB

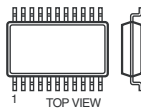


SIH9993CTG100



100Pin QFP

SN74LV132APWR  
SN74LVC14APWR



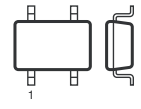
14Pin SOP

STR-A6169



8Pin DIP

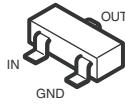
TK11819MTL



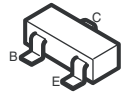
6Pin CHIP

TRANSISTOR

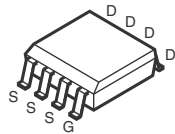
DTC114EU  
DTC114EUAFT106



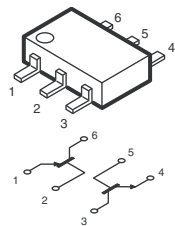
DTC114EUA-T106  
DTC115EUA-T106  
DTC144WKA-T146  
DTC314TK-T-146  
DTC323TK  
DTC323TKT146  
MUN2211T1  
MUN2212T1  
MUN5213T1  
PDTC114EK-115  
UN2211  
2PA1576R-115  
2PC4081R-115  
2PD601AR-115  
2SA1037AK-T146-QR  
2SA1037AK-T146-R  
2SA1576A-T106-QR  
2SA1774R  
2SA1774TL-QR  
2SC1623-L5L6  
2SC2412K-T-146-QR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



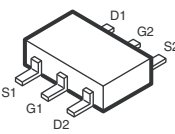
FDS6690A



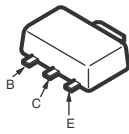
HN1B01FU-TE85R



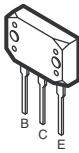
SSM6N15FU(TE85R)



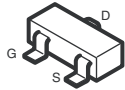
2SB1122-S  
2SB1122-ST-TD-E  
2SD1621-ST  
2SD1621ST-TD-E



2SD2114KT146

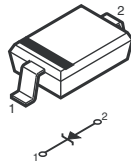


2SK2158-T2B

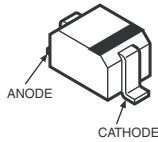


DIODE

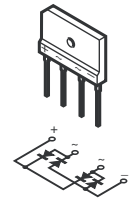
BAS316-115  
EP05FA20  
MM3Z10VT1  
MM3Z11VT1  
MM3Z13VT1  
MM3Z18VST1  
MM3Z22VT1  
MM3Z2V4T1  
MM3Z5V6ST1  
MM3Z6V2ST1  
MM3Z6V8ST1  
MM3Z8V2ST1



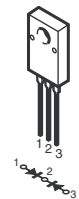
BAT54HT1  
DTZ10B  
HZU5.6GTRF  
MA113-(TX)  
MMDL914T1  
RD5.6SB-T1  
UDZ-TE-17-18B  
UDZ-TE-17-6.2B  
UDZ-TE-17-6.8B



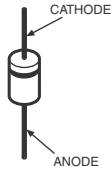
D10SBS4  
D10SBS4F  
D2SB60A-F04  
D4SB60L



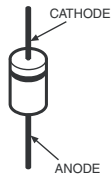
D10SC6M



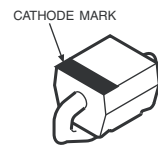
D1NL40-TA2  
D1NL40-TR2  
ERA22-08



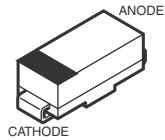
D1NS6  
D1NS6-TR  
ERA22-06AVRBT  
UF4005PKG23  
10ERB20-TB3  
1N5404TU



EC10QS-04  
EC10QS04-TE12L5



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



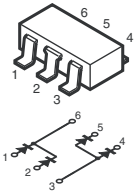
ERA22-08KFLB



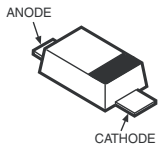
FSF05A60



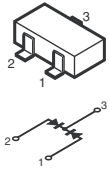
HN1D03FU-TE85L  
HN1D03FU-TE85R



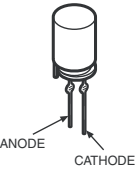
M1FM3



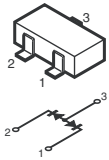
MA132WK  
MA132WK-TX  
MA151WK-TX  
1SS184



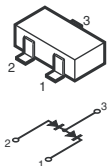
UDZSTE-1710B



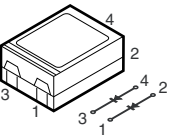
UMZ16NT106



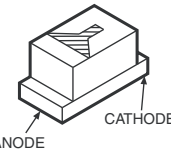
1PS302



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.

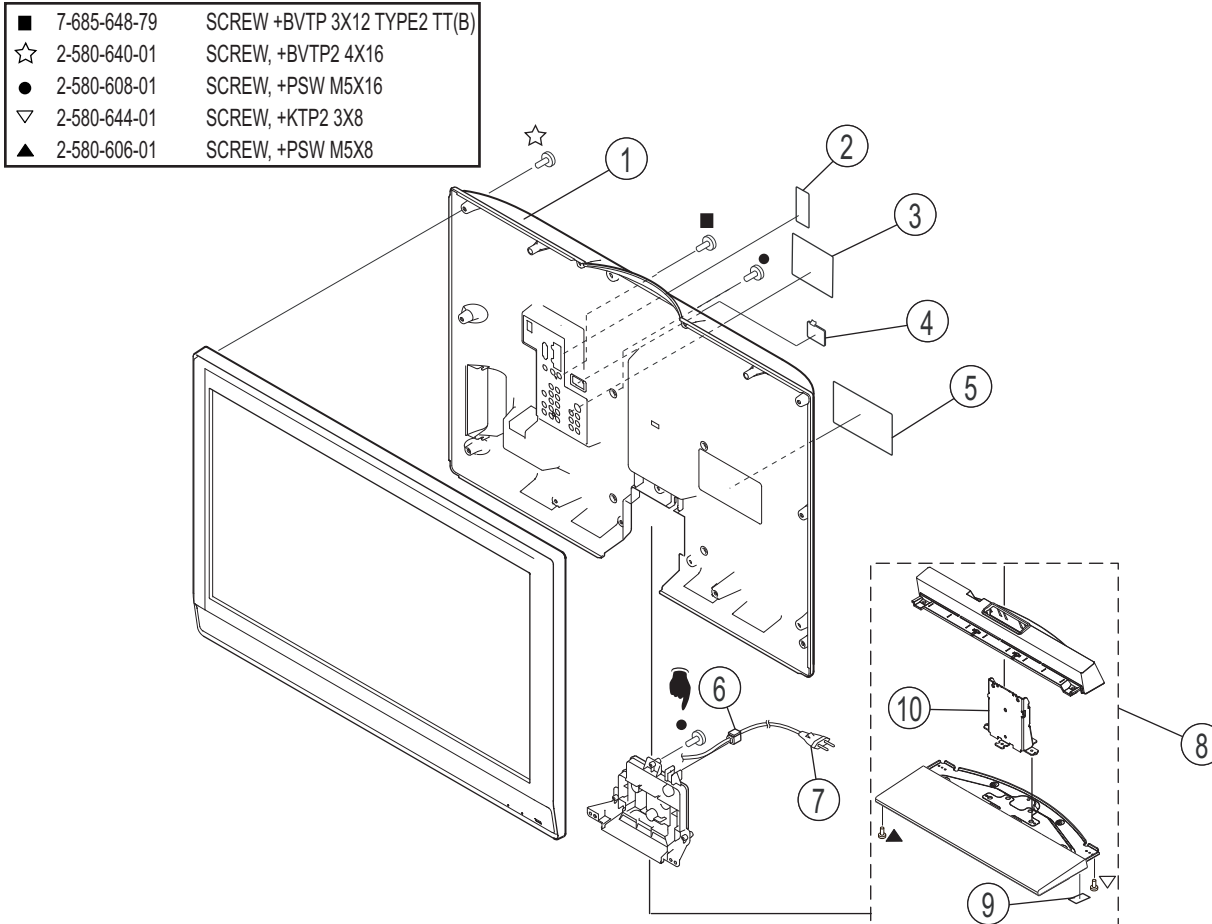
NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

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 STAND ASSEMBLY

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



| REF. NO. | PART NO.     | DESCRIPTION                                           | [ASSEMBLY INCLUDES] | REF. NO.                                                                              | PART NO.     | DESCRIPTION                                                                                | [ASSEMBLY INCLUDES] |
|----------|--------------|-------------------------------------------------------|---------------------|---------------------------------------------------------------------------------------|--------------|--------------------------------------------------------------------------------------------|---------------------|
| 1        | 3-210-430-01 | COVER, REAR (26)<br>(KDL-26M3000/26ML130 ONLY)        |                     | * 5                                                                                   | 3-270-543-01 | LABEL, INFORMATION<br>(KDL-32ML130 ONLY)                                                   |                     |
| 1        | 3-210-439-01 | COVER, REAR (32)<br>(KDL-32M3000/32ML130 ONLY)        |                     | * 5                                                                                   | 3-272-478-01 | LABEL, INFORMATION<br>(KDL-32M3000 LN/LS MODELS ONLY)                                      |                     |
| 2        | 3-217-797-01 | LABEL, HDMI                                           |                     | 6                                                                                     | 4-022-115-00 | HOLDER, AC CORD                                                                            |                     |
| 3        | 3-213-435-01 | LABEL, REAR TERMINAL                                  |                     |  7 | 1-834-555-11 | AC POWER CORD (WITH CONNECTOR)<br>(KDL-26M3000/26ML130/32M3000/32ML130 US/CND MODELS ONLY) |                     |
| 4        | 3-210-448-01 | COVER, ECS                                            |                     |  7 | 1-834-554-11 | AC POWER CORD WITH CONNECTOR<br>(KDL-26M3000/32M3000 LN/LS MODELS ONLY)                    |                     |
| * 5      | 3-270-540-01 | LABEL, INFORMATION<br>(KDL-26M3000 US/CND MODEL ONLY) |                     | 8                                                                                     | A-1274-853-A | STAND ASSEMBLY (MA)<br>(KDL-26M3000/32M3000 ONLY)                                          | [9-10]              |
| * 5      | 3-270-542-01 | LABEL, INFORMATION<br>(KDL-26ML130 ONLY)              |                     | 8                                                                                     | A-1318-635-A | STAND ASSEMBLY (MA)<br>(KDL-26ML130/32ML130 ONLY)                                          | [9-10]              |
| * 5      | 3-272-480-01 | LABEL, INFORMATION<br>(KDL-26M3000 LN/LS MODELS ONLY) |                     | 9                                                                                     | 3-213-762-01 | FOOT (15X30)                                                                               |                     |
| * 5      | 3-213-436-01 | LABEL, INFORMATION<br>(KDL-32M3000 US/CND MODEL ONLY) |                     | 10                                                                                    | 3-106-486-01 | NECK (M)                                                                                   |                     |



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

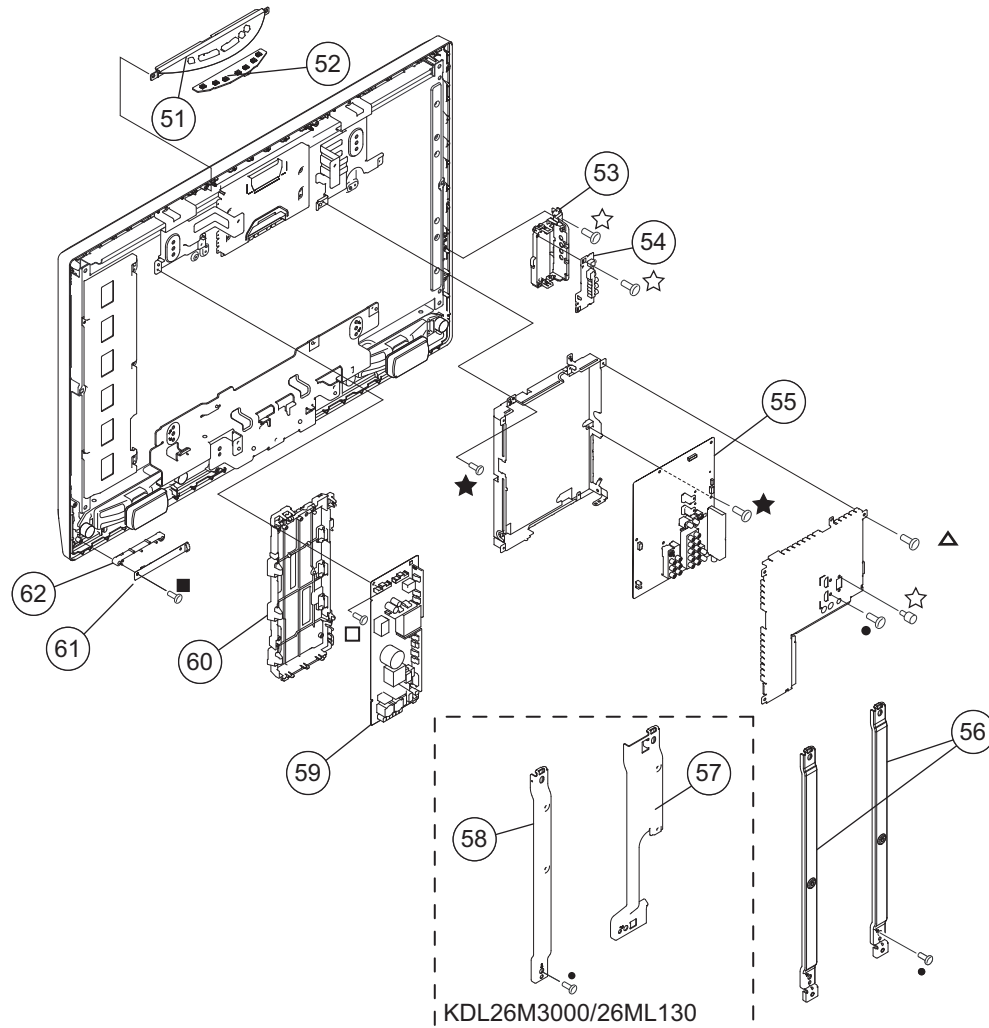
NOTE: Les composants identifiés par un trame et une marque  $\triangle$  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

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

## 4-2. CHASSIS

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

|             |              |                              |
|-------------|--------------|------------------------------|
| ■           | 7-685-648-79 | SCREW +BVTP 3X12 TYPE2 TT(B) |
| ★           | 2-580-629-01 | SCREW, +BVST 3X8             |
| $\triangle$ | 2-580-591-01 | SCREW, +PSW M3X5             |
| ●           | 2-580-608-01 | SCREW, +PSW M5X16            |
| □           | 2-674-965-31 | SCREW, +PSW 3SG              |
| ☆           | 4-635-966-01 | SCREW (HEX)                  |



| REF. NO.       | PART NO.     | DESCRIPTION                                     | [ASSEMBLY INCLUDES] | REF. NO. | PART NO.     | DESCRIPTION                                            | [ASSEMBLY INCLUDES] |
|----------------|--------------|-------------------------------------------------|---------------------|----------|--------------|--------------------------------------------------------|---------------------|
| 51             | X-2186-624-1 | BUTTON, MULTI ASSEMBLY                          |                     | 56       | X-2177-549-1 | VESA ARM(32) ASSEMBLY<br>(KDL-32M3000/32ML130 ONLY)    |                     |
| 52             | A-1268-471-A | HM1 BOARD, MOUNTED                              |                     | 57       | X-2178-787-1 | ARM ASSEMBLY, VESA (26L)<br>(KDL-26M3000/26ML130 ONLY) |                     |
| 53             | 3-268-323-11 | HOLDER, SIDE JACK (S)                           |                     | 58       | X-2178-788-1 | ARM ASSEMBLY, VESA (26R)<br>(KDL-26M3000/26ML130 ONLY) |                     |
| 53             | 3-106-473-21 | HOLDER, SIDE JACK(M)                            |                     | 59       | A-1315-710-A | G1M BOARD, MOUNTED                                     |                     |
| 54             | A-1268-473-A | UM BOARD, MOUNTED                               |                     | * 60     | 3-106-471-11 | BRACKET, G1                                            |                     |
| $\triangle$ 55 | A-1376-787-A | BM BOARD, MOUNTED<br>(KDL-26M3000/26ML130 ONLY) |                     | 61       | A-1268-472-A | HM3 BOARD, MOUNTED                                     |                     |
| $\triangle$ 55 | A-1376-788-A | BM BOARD, MOUNTED<br>(KDL-32M3000/32ML130 ONLY) |                     | 62       | 3-210-445-01 | GUIDE, LIGHT                                           |                     |

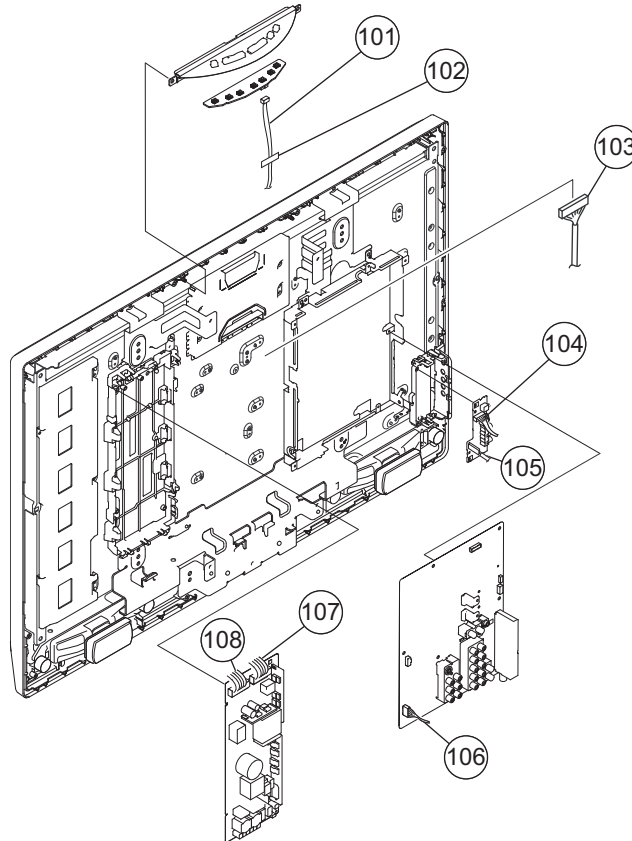
NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

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

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



| REF. NO. | PART NO.     | DESCRIPTION                     | [ASSEMBLY INCLUDES]        | REF. NO. | PART NO.     | DESCRIPTION                      | [ASSEMBLY INCLUDES]        |
|----------|--------------|---------------------------------|----------------------------|----------|--------------|----------------------------------|----------------------------|
| 101      | 1-910-038-35 | CONN ASSEMBLY, 11P MM CRIMP 550 | (KDL-26M3000/26ML130 ONLY) | 106      | 1-910-038-30 | CONN ASSEMBLY, 4P SPEAKER FASTON | (KDL-26M3000/26ML130 ONLY) |
| 101      | 1-910-038-28 | CONN ASSEMBLY, 11P MM CRIMP 690 | (KDL-32M3000/32ML130 ONLY) | 106      | 1-910-038-07 | FI CONNECTOR ASSEMBLY 30P        | (KDL-32M3000/32ML130 ONLY) |
| 102      | 2-688-062-01 | TAPE (LCD)                      |                            | 107      | 1-910-038-29 | CONN ASSEMBLY, 12P MM CRIMP 450  |                            |
| 103      | 1-834-383-11 | LVDS CABLE                      |                            | 108      | 1-910-038-36 | CONN ASSEMBLY, 14P MM CRIMP 300  | (KDL-26M3000/26ML130 ONLY) |
| 104      | 1-910-038-33 | CONN ASSEMBLY, 20P MM CRIMP 210 |                            | 108      | 1-910-038-31 | CONN ASSEMBLY, 14P MM CRIMP 420  | (KDL-32M3000/32ML130 ONLY) |
| 105      | 1-910-038-32 | WIRE ASSEMBLY, FASTON TERMINAL  |                            |          |              |                                  |                            |

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

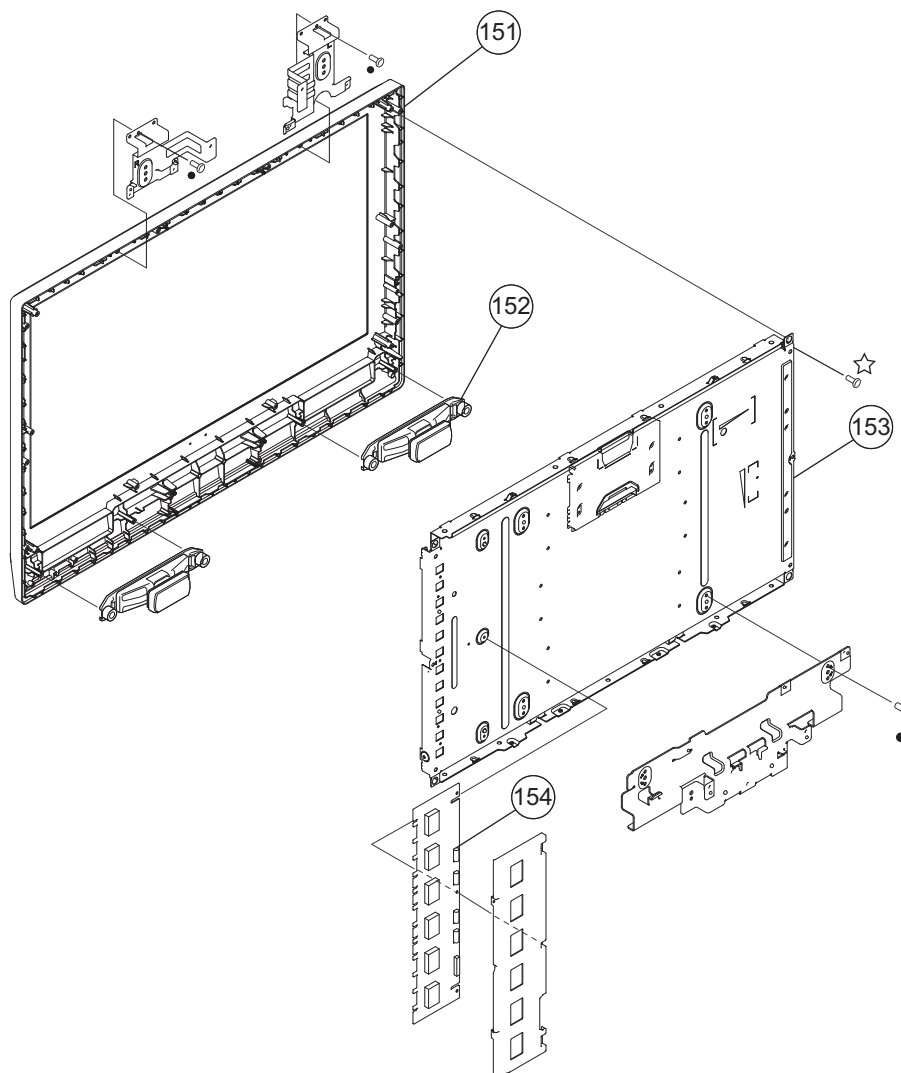
NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

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. BEZEL ASSEMBLY, LCD PANEL AND SPEAKERS

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

- |   |              |                                                  |
|---|--------------|--------------------------------------------------|
| ☆ | 2-580-654-01 | SCREW, +PWTP2 4X16<br>(KDL-32M3000/32ML130 ONLY) |
| ● | 2-580-600-01 | SCREW, +PSW M4X8                                 |



| REF. NO. | PART NO.     | DESCRIPTION                               | [ASSEMBLY INCLUDES] | REF. NO. | PART NO.     | DESCRIPTION                                                | [ASSEMBLY INCLUDES] |
|----------|--------------|-------------------------------------------|---------------------|----------|--------------|------------------------------------------------------------|---------------------|
| 151      | X-2178-368-1 | BEZEL ASSEMBLY (26)<br>(KDL-26M3000 ONLY) |                     | 152      | 1-826-363-11 | LOUDSPEAKER (4.2X15CM)                                     |                     |
| 151      | X-2179-761-1 | BEZEL ASSEMBLY (26)<br>(KDL-26ML130 ONLY) |                     | 153      | 1-802-268-11 | LCD PANEL 26INCH WXGA TFT<br>(KDL-26M3000/26ML130 ONLY)    |                     |
| 151      | X-2178-370-1 | BEZEL ASSEMBLY (32)<br>(KDL-32M3000 ONLY) |                     | 153      | 1-802-494-11 | LCD PANEL (32 INCH WXGA TFT)<br>(KDL-32M3000/32ML130 ONLY) |                     |
| 151      | X-2178-439-1 | BEZEL ASSEMBLY (32)<br>(KDL-32ML130 ONLY) |                     | 154      | 1-789-720-11 | ETC-INVERTER MT BOARD<br>(KDL-26M3000/26ML130 ONLY)        |                     |
|          |              |                                           |                     | 154      | 1-789-907-11 | ETC-INVERTER MT BOARD<br>(KDL-32M3000/32ML130 ONLY)        |                     |







| REF. NO. | PART NO.     | DESCRIPTION  | VALUES  |     |     | REF. NO. | PART NO.     | DESCRIPTION  | VALUES   |     |     |
|----------|--------------|--------------|---------|-----|-----|----------|--------------|--------------|----------|-----|-----|
| C2103    | 1-100-764-21 | ELECT CHIP   | 4.7μF   | 20% | 25V | C2159    | 1-100-905-11 | CERAMIC CHIP | 0.001μF  | 10% | 50V |
| C2104    | 1-100-764-21 | ELECT CHIP   | 4.7μF   | 20% | 25V | C2160    | 1-100-905-11 | CERAMIC CHIP | 0.001μF  | 10% | 50V |
| C2105    | 1-100-764-21 | ELECT CHIP   | 4.7μF   | 20% | 25V | C2161    | 1-100-905-11 | CERAMIC CHIP | 0.001μF  | 10% | 50V |
| C2106    | 1-100-764-21 | ELECT CHIP   | 4.7μF   | 20% | 25V | C2168    | 1-162-979-11 | CERAMIC CHIP | 0.0027μF | 10% | 50V |
| C2107    | 1-126-396-11 | ELECT CHIP   | 47μF    | 20% | 16V | C2169    | 1-162-979-11 | CERAMIC CHIP | 0.0027μF | 10% | 50V |
| C2111    | 1-100-597-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V | C2170    | 1-162-979-11 | CERAMIC CHIP | 0.0027μF | 10% | 50V |
| C2112    | 1-100-764-21 | ELECT CHIP   | 4.7μF   | 20% | 25V | C2171    | 1-162-979-11 | CERAMIC CHIP | 0.0027μF | 10% | 50V |
| C2113    | 1-112-777-11 | CERAMIC CHIP | 0.01μF  | 10% | 25V | C2172    | 1-124-779-00 | ELECT CHIP   | 10μF     | 20% | 16V |
| C2114    | 1-100-764-21 | ELECT CHIP   | 4.7μF   | 20% | 25V | C2173    | 1-124-779-00 | ELECT CHIP   | 10μF     | 20% | 16V |
| C2115    | 1-115-340-11 | CERAMIC CHIP | 0.22μF  | 10% | 25V | C2174    | 1-135-366-11 | ELECT CHIP   | 100μF    | 20% | 16V |
| C2116    | 1-115-340-11 | CERAMIC CHIP | 0.22μF  | 10% | 25V | C2175    | 1-124-779-00 | ELECT CHIP   | 10μF     | 20% | 16V |
| C2117    | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V | C2176    | 1-100-764-21 | ELECT CHIP   | 4.7μF    | 20% | 25V |
| C2118    | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V | C2177    | 1-100-764-21 | ELECT CHIP   | 4.7μF    | 20% | 25V |
| C2119    | 1-115-340-11 | CERAMIC CHIP | 0.22μF  | 10% | 25V | C2178    | 1-100-597-91 | CERAMIC CHIP | 0.1μF    | 10% | 25V |
| C2120    | 1-115-340-11 | CERAMIC CHIP | 0.22μF  | 10% | 25V | C2179    | 1-100-597-91 | CERAMIC CHIP | 0.1μF    | 10% | 25V |
| C2121    | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V | C2180    | 1-100-597-91 | CERAMIC CHIP | 0.1μF    | 10% | 25V |
| C2123    | 1-112-797-11 | ELECT CHIP   | 470μF   | 20% | 25V | C2181    | 1-124-779-00 | ELECT CHIP   | 10μF     | 20% | 16V |
| C2124    | 1-135-349-21 | ELECT CHIP   | 22μF    | 20% | 20V | C2182    | 1-124-779-00 | ELECT CHIP   | 10μF     | 20% | 16V |
| C2125    | 1-100-597-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V | C2183    | 1-124-779-00 | ELECT CHIP   | 10μF     | 20% | 16V |
| C2126    | 1-100-912-11 | CERAMIC CHIP | 1μF     | 10% | 25V | C2185    | 1-126-396-11 | ELECT CHIP   | 47μF     | 20% | 16V |
| C2127    | 1-100-912-11 | CERAMIC CHIP | 1μF     | 10% | 25V | C2186    | 1-126-396-11 | ELECT CHIP   | 47μF     | 20% | 16V |
| C2128    | 1-135-349-21 | ELECT CHIP   | 22μF    | 20% | 20V | C2195    | 1-100-597-91 | CERAMIC CHIP | 0.1μF    | 10% | 25V |
| C2129    | 1-100-597-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V | C2196    | 1-100-764-21 | ELECT CHIP   | 4.7μF    | 20% | 25V |
| C2130    | 1-100-597-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V | C2197    | 1-100-764-21 | ELECT CHIP   | 4.7μF    | 20% | 25V |
| C2131    | 1-126-396-11 | ELECT CHIP   | 47μF    | 20% | 16V | C2198    | 1-112-777-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V |
| C2132    | 1-115-340-11 | CERAMIC CHIP | 0.22μF  | 10% | 25V | C2199    | 1-112-777-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V |
| C2133    | 1-115-340-11 | CERAMIC CHIP | 0.22μF  | 10% | 25V | C2200    | 1-127-573-11 | CERAMIC CHIP | 1μF      | 10% | 16V |
| C2134    | 1-125-889-11 | CERAMIC CHIP | 2.2μF   | 10% | 10V | C2201    | 1-127-573-11 | CERAMIC CHIP | 1μF      | 10% | 16V |
| C2135    | 1-125-889-11 | CERAMIC CHIP | 2.2μF   | 10% | 10V | C2204    | 1-100-764-21 | ELECT CHIP   | 4.7μF    | 20% | 25V |
| C2136    | 1-115-340-11 | CERAMIC CHIP | 0.22μF  | 10% | 25V | C2205    | 1-100-764-21 | ELECT CHIP   | 4.7μF    | 20% | 25V |
| C2137    | 1-115-340-11 | CERAMIC CHIP | 0.22μF  | 10% | 25V | C2206    | 1-100-764-21 | ELECT CHIP   | 4.7μF    | 20% | 25V |
| C2138    | 1-115-340-11 | CERAMIC CHIP | 0.22μF  | 10% | 25V | C2207    | 1-100-764-21 | ELECT CHIP   | 4.7μF    | 20% | 25V |
| C2139    | 1-115-340-11 | CERAMIC CHIP | 0.22μF  | 10% | 25V | C2208    | 1-164-938-11 | CERAMIC CHIP | 0.0015μF | 10% | 50V |
| C2140    | 1-125-889-11 | CERAMIC CHIP | 2.2μF   | 10% | 10V | C2209    | 1-164-938-11 | CERAMIC CHIP | 0.0015μF | 10% | 50V |
| C2141    | 1-125-889-11 | CERAMIC CHIP | 2.2μF   | 10% | 10V | C2210    | 1-164-938-11 | CERAMIC CHIP | 0.0015μF | 10% | 50V |
| C2142    | 1-164-874-11 | CERAMIC CHIP | 100pF   | 5%  | 50V | C2211    | 1-164-938-11 | CERAMIC CHIP | 0.0015μF | 10% | 50V |
| C2143    | 1-125-889-11 | CERAMIC CHIP | 2.2μF   | 10% | 10V | C2212    | 1-164-938-11 | CERAMIC CHIP | 0.0015μF | 10% | 50V |
| C2144    | 1-164-874-11 | CERAMIC CHIP | 100pF   | 5%  | 50V | C2213    | 1-164-938-11 | CERAMIC CHIP | 0.0015μF | 10% | 50V |
| C2145    | 1-100-591-91 | CERAMIC CHIP | 1μF     | 10% | 25V | C2214    | 1-164-938-11 | CERAMIC CHIP | 0.0015μF | 10% | 50V |
| C2146    | 1-100-591-91 | CERAMIC CHIP | 1μF     | 10% | 25V | C2215    | 1-164-938-11 | CERAMIC CHIP | 0.0015μF | 10% | 50V |
| C2149    | 1-126-396-11 | ELECT CHIP   | 47μF    | 20% | 16V | C2216    | 1-100-756-91 | CERAMIC CHIP | 0.047μF  |     | 50V |
| C2150    | 1-126-396-11 | ELECT CHIP   | 47μF    | 20% | 16V | C2217    | 1-125-889-11 | CERAMIC CHIP | 2.2μF    | 10% | 10V |
| C2156    | 1-100-597-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V | C2218    | 1-125-889-11 | CERAMIC CHIP | 2.2μF    | 10% | 10V |
| C2157    | 1-100-597-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V | C2221    | 1-125-889-11 | CERAMIC CHIP | 2.2μF    | 10% | 10V |
| C2158    | 1-100-597-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V | C2223    | 1-125-889-11 | CERAMIC CHIP | 2.2μF    | 10% | 10V |



| REF. NO. | PART NO.     | DESCRIPTION  | VALUES   |        |      | REF. NO. | PART NO.     | DESCRIPTION  | VALUES  |     |      |
|----------|--------------|--------------|----------|--------|------|----------|--------------|--------------|---------|-----|------|
| C3005    | 1-100-906-11 | CERAMIC CHIP | 0.01μF   | 10%    | 16V  | C4509    | 1-100-899-81 | CERAMIC CHIP | 0.082μF | 10% | 10V  |
| C3006    | 1-100-906-11 | CERAMIC CHIP | 0.01μF   | 10%    | 16V  | C4510    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  |
| C3007    | 1-100-906-11 | CERAMIC CHIP | 0.01μF   | 10%    | 16V  | C4511    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  |
| C3010    | 1-100-916-11 | CERAMIC CHIP | 0.1μF    | 10%    | 16V  | C4512    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  |
| C3011    | 1-126-206-11 | ELECT CHIP   | 100μF    | 20%    | 6.3V | C4513    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  |
| C3019    | 1-162-912-11 | CERAMIC CHIP | 7pF      | 0.50pF | 50V  | C4514    | 1-100-765-21 | ELECT CHIP   | 10μF    | 20% | 16V  |
| C3057    | 1-100-907-11 | CERAMIC CHIP | 0.1μF    | 10%    | 10V  | C4515    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  |
| C3062    | 1-112-066-11 | CERAMIC CHIP | 10μF     | 10%    | 10V  | C4516    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  |
| C3063    | 1-100-907-11 | CERAMIC CHIP | 0.1μF    | 10%    | 10V  | C4517    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  |
| C3066    | 1-100-907-11 | CERAMIC CHIP | 0.1μF    | 10%    | 10V  | C4518    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  |
| C3070    | 1-100-906-11 | CERAMIC CHIP | 0.01μF   | 10%    | 16V  | C4519    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  |
| C3072    | 1-100-905-11 | CERAMIC CHIP | 0.001μF  | 10%    | 50V  | C4520    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  |
| C3076    | 1-165-908-11 | CERAMIC CHIP | 1μF      | 10%    | 10V  | C4521    | 1-100-765-21 | ELECT CHIP   | 10μF    | 20% | 16V  |
| C3081    | 1-112-066-11 | CERAMIC CHIP | 10μF     | 10%    | 10V  | C4522    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  |
| C3083    | 1-100-907-11 | CERAMIC CHIP | 0.1μF    | 10%    | 10V  | C4523    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  |
| C3084    | 1-100-905-11 | CERAMIC CHIP | 0.001μF  | 10%    | 50V  | C4524    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  |
| C3110    | 1-125-777-11 | CERAMIC CHIP | 0.1μF    | 10%    | 10V  | C4525    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  |
| C3112    | 1-100-905-11 | CERAMIC CHIP | 0.001μF  | 10%    | 50V  | C4526    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  |
| C3113    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10%    | 25V  | C4527    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  |
| C3114    | 1-107-826-11 | CERAMIC CHIP | 0.1μF    | 10%    | 16V  | C4528    | 1-100-765-21 | ELECT CHIP   | 10μF    | 20% | 16V  |
| C3115    | 1-162-919-11 | CERAMIC CHIP | 22pF     | 5%     | 50V  | C4529    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  |
| C3116    | 1-162-919-11 | CERAMIC CHIP | 22pF     | 5%     | 50V  | C4530    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  |
| C3118    | 1-126-394-11 | ELECT CHIP   | 10μF     | 20%    | 16V  | C4531    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  |
| C3119    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10%    | 25V  | C4532    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  |
| C4001    | 1-100-905-11 | CERAMIC CHIP | 0.001μF  | 10%    | 50V  | C4533    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  |
| C4030    | 1-107-826-11 | CERAMIC CHIP | 0.1μF    | 10%    | 16V  | C4534    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  |
| C4033    | 1-112-777-11 | CERAMIC CHIP | 0.01μF   | 10%    | 25V  | C4538    | 1-124-779-00 | ELECT CHIP   | 10μF    | 20% | 16V  |
| C4034    | 1-112-046-11 | CERAMIC CHIP | 4.7μF    | 10%    | 6.3V | C4539    | 1-124-779-00 | ELECT CHIP   | 10μF    | 20% | 16V  |
| C4035    | 1-127-573-11 | CERAMIC CHIP | 1μF      | 10%    | 16V  | C4540    | 1-124-779-00 | ELECT CHIP   | 10μF    | 20% | 16V  |
| C4040    | 1-100-905-11 | CERAMIC CHIP | 0.001μF  | 10%    | 50V  | C4544    | 1-126-210-21 | ELECT CHIP   | 220μF   | 20% | 4V   |
| C4041    | 1-164-935-11 | CERAMIC CHIP | 470pF    | 10%    | 50V  | C4545    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  |
| C4042    | 1-164-935-11 | CERAMIC CHIP | 470pF    | 10%    | 50V  | C4546    | 1-100-588-21 | ELECT CHIP   | 1000μF  | 20% | 6.3V |
| C4043    | 1-164-935-11 | CERAMIC CHIP | 470pF    | 10%    | 50V  | C4547    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  |
| C4044    | 1-164-935-11 | CERAMIC CHIP | 470pF    | 10%    | 50V  | C4548    | 1-100-588-21 | ELECT CHIP   | 1000μF  | 20% | 6.3V |
| C4045    | 1-164-935-11 | CERAMIC CHIP | 470pF    | 10%    | 50V  | C4549    | 1-128-396-11 | ELECT CHIP   | 470μF   | 20% | 10V  |
| C4046    | 1-164-874-11 | CERAMIC CHIP | 100pF    | 5%     | 50V  | C5002    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10% | 16V  |
| C4049    | 1-100-912-11 | CERAMIC CHIP | 1μF      | 10%    | 25V  | C5005    | 1-162-927-11 | CERAMIC CHIP | 100pF   | 5%  | 50V  |
| C4501    | 1-100-756-91 | CERAMIC CHIP | 0.047μF  |        | 50V  | C5006    | 1-162-927-11 | CERAMIC CHIP | 100pF   | 5%  | 50V  |
| C4502    | 1-100-756-91 | CERAMIC CHIP | 0.047μF  |        | 50V  | C5008    | 1-165-908-11 | CERAMIC CHIP | 1μF     | 10% | 10V  |
| C4503    | 1-100-756-91 | CERAMIC CHIP | 0.047μF  |        | 50V  | C5009    | 1-100-906-11 | CERAMIC CHIP | 0.01μF  | 10% | 16V  |
| C4504    | 1-100-756-91 | CERAMIC CHIP | 0.047μF  |        | 50V  | C5502    | 1-125-777-11 | CERAMIC CHIP | 0.1μF   | 10% | 10V  |
| C4505    | 1-100-756-91 | CERAMIC CHIP | 0.047μF  |        | 50V  | C5505    | 1-125-777-11 | CERAMIC CHIP | 0.1μF   | 10% | 10V  |
| C4506    | 1-100-756-91 | CERAMIC CHIP | 0.047μF  |        | 50V  | C5509    | 1-100-567-81 | CERAMIC CHIP | 0.01μF  | 10% | 25V  |
| C4507    | 1-164-937-11 | CERAMIC CHIP | 0.001μF  | 10%    | 50V  | C5510    | 1-100-567-81 | CERAMIC CHIP | 0.01μF  | 10% | 25V  |
| C4508    | 1-164-174-11 | CERAMIC CHIP | 0.0082μF | 10%    | 25V  | C5528    | 1-125-777-11 | CERAMIC CHIP | 0.1μF   | 10% | 10V  |





| REF. NO. | PART NO.     | DESCRIPTION  | VALUES  |     |      | REF. NO. | PART NO.     | DESCRIPTION  | VALUES  |     |      |
|----------|--------------|--------------|---------|-----|------|----------|--------------|--------------|---------|-----|------|
| C5529    | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V  | C7033    | 1-127-988-81 | CERAMIC CHIP | 0.015μF | 10% | 16V  |
| C5530    | 1-112-066-11 | CERAMIC CHIP | 10μF    | 10% | 10V  | C7034    | 1-164-858-11 | CERAMIC CHIP | 22pF    | 5%  | 50V  |
| C5531    | 1-125-777-11 | CERAMIC CHIP | 0.1μF   | 10% | 10V  | C7035    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10% | 16V  |
| C5623    | 1-100-906-11 | CERAMIC CHIP | 0.01μF  | 10% | 16V  | C7036    | 1-164-937-11 | CERAMIC CHIP | 0.001μF | 10% | 50V  |
| C5624    | 1-100-906-11 | CERAMIC CHIP | 0.01μF  | 10% | 16V  | C7037    | 1-165-887-91 | CERAMIC CHIP | 0.22μF  | 10% | 6.3V |
| C5625    | 1-125-777-11 | CERAMIC CHIP | 0.1μF   | 10% | 10V  | C7038    | 1-127-988-81 | CERAMIC CHIP | 0.015μF | 10% | 16V  |
| C5626    | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V  | C7039    | 1-127-988-81 | CERAMIC CHIP | 0.015μF | 10% | 16V  |
| C5627    | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V  | C7040    | 1-164-858-11 | CERAMIC CHIP | 22pF    | 5%  | 50V  |
| C5628    | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V  | C7041    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10% | 16V  |
| C5629    | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V  | C7042    | 1-164-937-11 | CERAMIC CHIP | 0.001μF | 10% | 50V  |
| C5630    | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V  | C7043    | 1-165-887-91 | CERAMIC CHIP | 0.22μF  | 10% | 6.3V |
| C5631    | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V  | C7044    | 1-127-988-81 | CERAMIC CHIP | 0.015μF | 10% | 16V  |
| C5632    | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V  | C7045    | 1-164-937-11 | CERAMIC CHIP | 0.001μF | 10% | 50V  |
| C5633    | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V  | C7046    | 1-164-937-11 | CERAMIC CHIP | 0.001μF | 10% | 50V  |
| C5634    | 1-112-066-11 | CERAMIC CHIP | 10μF    | 10% | 10V  | C7047    | 1-164-882-11 | CERAMIC CHIP | 220pF   | 5%  | 16V  |
| C5635    | 1-100-906-11 | CERAMIC CHIP | 0.01μF  | 10% | 16V  | C7048    | 1-164-882-11 | CERAMIC CHIP | 220pF   | 5%  | 16V  |
| C5636    | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V  | C7049    | 1-164-882-11 | CERAMIC CHIP | 220pF   | 5%  | 16V  |
| C5637    | 1-100-905-11 | CERAMIC CHIP | 0.001μF | 10% | 50V  | C7050    | 1-164-882-11 | CERAMIC CHIP | 220pF   | 5%  | 16V  |
| C7000    | 1-135-960-91 | CERAMIC CHIP | 10μF    | 10% | 25V  | C7051    | 1-135-960-91 | CERAMIC CHIP | 10μF    | 10% | 25V  |
| C7001    | 1-135-960-91 | CERAMIC CHIP | 10μF    | 10% | 25V  | C7052    | 1-135-960-91 | CERAMIC CHIP | 10μF    | 10% | 25V  |
| C7002    | 1-117-681-11 | ELECT CHIP   | 100μF   | 20% | 16V  | C7053    | 1-165-908-11 | CERAMIC CHIP | 1μF     | 10% | 10V  |
| C7003    | 1-127-573-11 | CERAMIC CHIP | 1μF     | 10% | 16V  | C7054    | 1-165-908-11 | CERAMIC CHIP | 1μF     | 10% | 10V  |
| C7004    | 1-128-536-11 | ELECT CHIP   | 100μF   | 20% | 25V  | C7055    | 1-165-908-11 | CERAMIC CHIP | 1μF     | 10% | 10V  |
| C7005    | 1-100-597-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  | C7056    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  |
| C7006    | 1-112-794-11 | ELECT CHIP   | 470μF   | 20% | 16V  | C7057    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  |
| C7007    | 1-135-960-91 | CERAMIC CHIP | 10μF    | 10% | 25V  | C7058    | 1-165-908-11 | CERAMIC CHIP | 1μF     | 10% | 10V  |
| C7008    | 1-100-911-11 | CERAMIC CHIP | 4.7μF   | 10% | 25V  | C7059    | 1-165-908-11 | CERAMIC CHIP | 1μF     | 10% | 10V  |
| C7009    | 1-162-970-11 | CERAMIC CHIP | 0.01μF  | 10% | 25V  | C7060    | 1-165-908-11 | CERAMIC CHIP | 1μF     | 10% | 10V  |
| C7010    | 1-127-820-11 | CERAMIC CHIP | 4.7μF   | 10% | 16V  | C7061    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  |
| C7011    | 1-112-789-11 | ELECT CHIP   | 1000μF  | 20% | 6.3V | C7062    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  |
| C7012    | 1-107-826-11 | CERAMIC CHIP | 0.1μF   | 10% | 16V  | C7063    | 1-165-908-11 | CERAMIC CHIP | 1μF     | 10% | 10V  |
| C7015    | 1-100-588-21 | ELECT CHIP   | 1000μF  | 20% | 6.3V | C7064    | 1-165-908-11 | CERAMIC CHIP | 1μF     | 10% | 10V  |
| C7019    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  | C7065    | 1-100-912-11 | CERAMIC CHIP | 1μF     | 10% | 25V  |
| C7020    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  | C7066    | 1-100-912-11 | CERAMIC CHIP | 1μF     | 10% | 25V  |
| C7021    | 1-126-210-21 | ELECT CHIP   | 220μF   | 20% | 4V   | C7067    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  |
| C7023    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10% | 16V  | C7068    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  |
| C7024    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  | C7073    | 1-135-960-91 | CERAMIC CHIP | 10μF    | 10% | 25V  |
| C7025    | 1-165-887-91 | CERAMIC CHIP | 0.22μF  | 10% | 6.3V | C7074    | 1-135-960-91 | CERAMIC CHIP | 10μF    | 10% | 25V  |
| C7026    | 1-164-937-11 | CERAMIC CHIP | 0.001μF | 10% | 50V  | C7075    | 1-135-960-91 | CERAMIC CHIP | 10μF    | 10% | 25V  |
| C7027    | 1-164-862-11 | CERAMIC CHIP | 33pF    | 5%  | 50V  | C7076    | 1-135-960-91 | CERAMIC CHIP | 10μF    | 10% | 25V  |
| C7028    | 1-164-862-11 | CERAMIC CHIP | 33pF    | 5%  | 50V  | C7077    | 1-125-837-91 | CERAMIC CHIP | 1μF     | 10% | 6.3V |
| C7029    | 1-164-937-11 | CERAMIC CHIP | 0.001μF | 10% | 50V  | C7078    | 1-165-875-11 | CERAMIC CHIP | 10μF    | 10% | 10V  |
| C7030    | 1-164-937-11 | CERAMIC CHIP | 0.001μF | 10% | 50V  | C7079    | 1-165-875-11 | CERAMIC CHIP | 10μF    | 10% | 10V  |
| C7031    | 1-164-862-11 | CERAMIC CHIP | 33pF    | 5%  | 50V  | C7080    | 1-100-055-11 | CERAMIC CHIP | 22μF    | 20% | 16V  |
| C7032    | 1-164-862-11 | CERAMIC CHIP | 33pF    | 5%  | 50V  | C7081    | 1-100-055-11 | CERAMIC CHIP | 22μF    | 20% | 16V  |



| REF. NO. | PART NO.     | DESCRIPTION  | VALUES |     |      | REF. NO. | PART NO.     | DESCRIPTION  | VALUES |     |      |
|----------|--------------|--------------|--------|-----|------|----------|--------------|--------------|--------|-----|------|
| C7086    | 1-107-826-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  | C7233    | 1-114-148-11 | CERAMIC CHIP | 1μF    |     | 6.3V |
| C7087    | 1-107-826-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  | C7234    | 1-114-148-11 | CERAMIC CHIP | 1μF    |     | 6.3V |
| C7088    | 1-107-826-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  | C7235    | 1-114-148-11 | CERAMIC CHIP | 1μF    |     | 6.3V |
| C7089    | 1-107-826-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  | C7236    | 1-114-148-11 | CERAMIC CHIP | 1μF    |     | 6.3V |
| C7090    | 1-126-210-21 | ELECT CHIP   | 220μF  | 20% | 4V   | C7237    | 1-114-148-11 | CERAMIC CHIP | 1μF    |     | 6.3V |
| C7091    | 1-100-566-91 | CERAMIC CHIP | 0.1μF  | 10% | 25V  | C7238    | 1-114-148-11 | CERAMIC CHIP | 1μF    |     | 6.3V |
| C7092    | 1-126-210-21 | ELECT CHIP   | 220μF  | 20% | 4V   | C7239    | 1-114-148-11 | CERAMIC CHIP | 1μF    |     | 6.3V |
| C7093    | 1-100-583-21 | ELECT CHIP   | 470μF  | 20% | 4V   | C7240    | 1-114-148-11 | CERAMIC CHIP | 1μF    |     | 6.3V |
| C7094    | 1-126-392-11 | ELECT CHIP   | 100μF  | 20% | 6.3V | C7241    | 1-114-148-11 | CERAMIC CHIP | 1μF    |     | 6.3V |
| C7100    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  | C7242    | 1-100-583-21 | ELECT CHIP   | 470μF  | 20% | 4V   |
| C7106    | 1-112-794-11 | ELECT CHIP   | 470μF  | 20% | 16V  | C7243    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  |
| C7107    | 1-100-588-21 | ELECT CHIP   | 1000μF | 20% | 6.3V | C7244    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  |
| C7200    | 1-100-583-21 | ELECT CHIP   | 470μF  | 20% | 4V   | C7245    | 1-100-909-11 | CERAMIC CHIP | 10μF   | 10% | 6.3V |
| C7201    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  | C7246    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  |
| C7202    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  | C7247    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  |
| C7203    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  | C7248    | 1-100-159-91 | CERAMIC CHIP | 22μF   | 10% | 6.3V |
| C7204    | 1-114-148-11 | CERAMIC CHIP | 1μF    |     | 6.3V | C7249    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  |
| C7205    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  | C7250    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  |
| C7206    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  | C7251    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  |
| C7207    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  | C7252    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  |
| C7208    | 1-126-210-21 | ELECT CHIP   | 220μF  | 20% | 4V   | C7253    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  |
| C7209    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  | C7254    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  |
| C7210    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  | C7255    | 1-114-148-11 | CERAMIC CHIP | 1μF    |     | 6.3V |
| C7211    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  | C7256    | 1-114-148-11 | CERAMIC CHIP | 1μF    |     | 6.3V |
| C7212    | 1-100-909-11 | CERAMIC CHIP | 10μF   | 10% | 6.3V | C7257    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  |
| C7213    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  | C7258    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  |
| C7214    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  | C7259    | 1-114-148-11 | CERAMIC CHIP | 1μF    |     | 6.3V |
| C7215    | 1-100-909-11 | CERAMIC CHIP | 10μF   | 10% | 6.3V | C7260    | 1-114-148-11 | CERAMIC CHIP | 1μF    |     | 6.3V |
| C7216    | 1-100-583-21 | ELECT CHIP   | 470μF  | 20% | 4V   | C7261    | 1-100-909-11 | CERAMIC CHIP | 10μF   | 10% | 6.3V |
| C7217    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  | C7262    | 1-114-148-11 | CERAMIC CHIP | 1μF    |     | 6.3V |
| C7218    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  | C7263    | 1-114-148-11 | CERAMIC CHIP | 1μF    |     | 6.3V |
| C7219    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  | C7264    | 1-114-148-11 | CERAMIC CHIP | 1μF    |     | 6.3V |
| C7220    | 1-100-909-11 | CERAMIC CHIP | 10μF   | 10% | 6.3V | C7265    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  |
| C7221    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  | C7266    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  |
| C7222    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  | C7267    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  |
| C7223    | 1-100-909-11 | CERAMIC CHIP | 10μF   | 10% | 6.3V | C7268    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  |
| C7224    | 1-114-148-11 | CERAMIC CHIP | 1μF    |     | 6.3V | C7269    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  |
| C7225    | 1-114-148-11 | CERAMIC CHIP | 1μF    |     | 6.3V | C7270    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  |
| C7226    | 1-114-148-11 | CERAMIC CHIP | 1μF    |     | 6.3V | C7271    | 1-164-854-11 | CERAMIC CHIP | 15pF   | 5%  | 50V  |
| C7227    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  | C7272    | 1-164-854-11 | CERAMIC CHIP | 15pF   | 5%  | 50V  |
| C7228    | 1-100-916-11 | CERAMIC CHIP | 0.1μF  | 10% | 16V  | C7273    | 1-165-989-11 | CERAMIC CHIP | 10μF   | 10% | 6.3V |
| C7229    | 1-114-148-11 | CERAMIC CHIP | 1μF    |     | 6.3V | C7274    | 1-100-909-11 | CERAMIC CHIP | 10μF   | 10% | 6.3V |
| C7230    | 1-114-148-11 | CERAMIC CHIP | 1μF    |     | 6.3V | C7275    | 1-100-909-11 | CERAMIC CHIP | 10μF   | 10% | 6.3V |
| C7231    | 1-114-148-11 | CERAMIC CHIP | 1μF    |     | 6.3V | C7276    | 1-100-909-11 | CERAMIC CHIP | 10μF   | 10% | 6.3V |
| C7232    | 1-114-148-11 | CERAMIC CHIP | 1μF    |     | 6.3V | C7277    | 1-165-989-11 | CERAMIC CHIP | 10μF   | 10% | 6.3V |



| REF. NO. | PART NO.     | DESCRIPTION  | VALUES  |     |      | REF. NO. | PART NO.     | DESCRIPTION  | VALUES  |        |      |
|----------|--------------|--------------|---------|-----|------|----------|--------------|--------------|---------|--------|------|
| C7278    | 1-165-989-11 | CERAMIC CHIP | 10μF    | 10% | 6.3V | C7515    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10%    | 16V  |
| C7279    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  | C7600    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10%    | 16V  |
| C7280    | 1-126-210-21 | ELECT CHIP   | 220μF   | 20% | 4V   | C7700    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10%    | 16V  |
| C7300    | 1-117-681-11 | ELECT CHIP   | 100μF   | 20% | 16V  | C7701    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10%    | 16V  |
| C7301    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  | C7702    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10%    | 16V  |
| C7302    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  | C7703    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10%    | 16V  |
| C7303    | 1-100-055-11 | CERAMIC CHIP | 22μF    | 20% | 16V  | C7704    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10%    | 16V  |
| C7305    | 1-117-681-11 | ELECT CHIP   | 100μF   | 20% | 16V  | C7705    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10%    | 16V  |
| C7306    | 1-100-567-81 | CERAMIC CHIP | 0.01μF  | 10% | 25V  | C7706    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10%    | 16V  |
| C7400    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10% | 16V  | C7707    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10%    | 16V  |
| C7401    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10% | 16V  | C7720    | 1-125-837-91 | CERAMIC CHIP | 1μF     | 10%    | 6.3V |
| C7402    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10% | 16V  | C7800    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10%    | 16V  |
| C7403    | 1-100-506-91 | CERAMIC CHIP | 1μF     | 20% | 6.3V | C7801    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10%    | 16V  |
| C7404    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10% | 16V  | C7804    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10%    | 16V  |
| C7405    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10% | 16V  | C7805    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10%    | 16V  |
| C7406    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10% | 16V  | C7807    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10%    | 16V  |
| C7407    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10% | 16V  | C7808    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10%    | 16V  |
| C7408    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10% | 16V  | C7809    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10%    | 16V  |
| C7409    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10% | 16V  | C7810    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10%    | 16V  |
| C7410    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10% | 16V  | C7811    | 1-165-989-11 | CERAMIC CHIP | 10μF    | 10%    | 6.3V |
| C7411    | 1-114-148-11 | CERAMIC CHIP | 1μF     |     | 6.3V | C7812    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10%    | 16V  |
| C7412    | 1-114-148-11 | CERAMIC CHIP | 1μF     |     | 6.3V | C7813    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10%    | 16V  |
| C7413    | 1-114-148-11 | CERAMIC CHIP | 1μF     |     | 6.3V | C7814    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10%    | 16V  |
| C7417    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10% | 16V  | C7815    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10%    | 16V  |
| C7418    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10% | 16V  | C7816    | 1-165-989-11 | CERAMIC CHIP | 10μF    | 10%    | 6.3V |
| C7420    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10% | 16V  | C7817    | 1-165-989-11 | CERAMIC CHIP | 10μF    | 10%    | 6.3V |
| C7422    | 1-114-148-11 | CERAMIC CHIP | 1μF     |     | 6.3V | C7818    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10%    | 25V  |
| C7424    | 1-114-148-11 | CERAMIC CHIP | 1μF     |     | 6.3V | C7819    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10%    | 25V  |
| C7425    | 1-114-148-11 | CERAMIC CHIP | 1μF     |     | 6.3V | C7820    | 1-164-864-11 | CERAMIC CHIP | 39pF    | 5%     | 50V  |
| C7430    | 1-100-566-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  | C7821    | 1-164-858-11 | CERAMIC CHIP | 22pF    | 5%     | 50V  |
| C7431    | 1-126-210-21 | ELECT CHIP   | 220μF   | 20% | 4V   | C7822    | 1-164-858-11 | CERAMIC CHIP | 22pF    | 5%     | 50V  |
| C7432    | 1-165-989-11 | CERAMIC CHIP | 10μF    | 10% | 6.3V | C7823    | 1-164-868-11 | CERAMIC CHIP | 56pF    | 5%     | 50V  |
| C7433    | 1-165-989-11 | CERAMIC CHIP | 10μF    | 10% | 6.3V | C7824    | 1-164-868-11 | CERAMIC CHIP | 56pF    | 5%     | 50V  |
| C7501    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10% | 16V  | C7825    | 1-164-864-11 | CERAMIC CHIP | 39pF    | 5%     | 50V  |
| C7502    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10% | 16V  | C7828    | 1-164-862-11 | CERAMIC CHIP | 33pF    | 5%     | 50V  |
| C7504    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10% | 16V  | C7829    | 1-164-862-11 | CERAMIC CHIP | 33pF    | 5%     | 50V  |
| C7505    | 1-117-681-11 | ELECT CHIP   | 100μF   | 20% | 16V  | C7831    | 1-107-819-11 | CERAMIC CHIP | 0.022μF | 10%    | 16V  |
| C7506    | 1-117-681-11 | ELECT CHIP   | 100μF   | 20% | 16V  | C7832    | 1-126-205-11 | ELECT CHIP   | 47μF    | 20%    | 6.3V |
| C7507    | 1-117-681-11 | ELECT CHIP   | 100μF   | 20% | 16V  | C7833    | 1-125-777-11 | CERAMIC CHIP | 0.1μF   | 10%    | 10V  |
| C7509    | 1-127-573-11 | CERAMIC CHIP | 1μF     | 10% | 16V  | C7835    | 1-164-860-11 | CERAMIC CHIP | 27pF    | 5%     | 50V  |
| C7510    | 1-100-916-11 | CERAMIC CHIP | 0.1μF   | 10% | 16V  | C7836    | 1-164-860-11 | CERAMIC CHIP | 27pF    | 5%     | 50V  |
| C7511    | 1-164-937-11 | CERAMIC CHIP | 0.001μF | 10% | 50V  | C7837    | 1-164-840-11 | CERAMIC CHIP | 1pF     | 0.25pF | 50V  |
| C7512    | 1-125-891-11 | CERAMIC CHIP | 0.47μF  | 10% | 10V  | C7838    | 1-164-840-11 | CERAMIC CHIP | 1pF     | 0.25pF | 50V  |
| C7513    | 1-126-210-21 | ELECT CHIP   | 220μF   | 20% | 4V   | C7840    | 1-164-860-11 | CERAMIC CHIP | 27pF    | 5%     | 50V  |
| C7514    | 1-165-875-11 | CERAMIC CHIP | 10μF    | 10% | 10V  | C7841    | 1-164-860-11 | CERAMIC CHIP | 27pF    | 5%     | 50V  |



| REF. NO. | PART NO.     | DESCRIPTION  | VALUES   |     |      | REF. NO. | PART NO.     | DESCRIPTION  | VALUES   |     |      |
|----------|--------------|--------------|----------|-----|------|----------|--------------|--------------|----------|-----|------|
| C7842    | 1-100-581-81 | CERAMIC CHIP | 0.0047μF | 10% | 50V  | C9116    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  |
| C7844    | 1-117-681-11 | ELECT CHIP   | 100μF    | 20% | 16V  | C9117    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  |
| C7845    | 1-100-916-11 | CERAMIC CHIP | 0.1μF    | 10% | 16V  | C9118    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  |
| C7846    | 1-137-765-21 | ELECT CHIP   | 47μF     | 20% | 16V  | C9119    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  |
| C7847    | 1-164-939-11 | CERAMIC CHIP | 0.0022μF | 10% | 50V  | C9121    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  |
| C7848    | 1-100-588-21 | ELECT CHIP   | 1000μF   | 20% | 6.3V | C9122    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  |
| C7849    | 1-100-567-81 | CERAMIC CHIP | 0.01μF   | 10% | 25V  | C9123    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  |
| C7850    | 1-100-905-11 | CERAMIC CHIP | 0.001μF  | 10% | 50V  | C9124    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  |
| C7852    | 1-128-396-11 | ELECT CHIP   | 470μF    | 20% | 10V  | C9125    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  |
| C7853    | 1-100-567-81 | CERAMIC CHIP | 0.01μF   | 10% | 25V  | C9126    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  |
| C7854    | 1-112-777-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  | C9127    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  |
| C7855    | 1-165-887-91 | CERAMIC CHIP | 0.22μF   | 10% | 6.3V | C9128    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  |
| C7856    | 1-100-905-11 | CERAMIC CHIP | 0.001μF  | 10% | 50V  | C9129    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  |
| C7857    | 1-100-159-91 | CERAMIC CHIP | 22μF     | 10% | 6.3V | C9130    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  |
| C7858    | 1-164-874-11 | CERAMIC CHIP | 100pF    | 5%  | 50V  | C9131    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  |
| C7859    | 1-164-874-11 | CERAMIC CHIP | 100pF    | 5%  | 50V  | C9132    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  |
| C7862    | 1-112-046-11 | CERAMIC CHIP | 4.7μF    | 10% | 6.3V | C9133    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  |
| C7863    | 1-100-916-11 | CERAMIC CHIP | 0.1μF    | 10% | 16V  | C9134    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  |
| C7864    | 1-100-916-11 | CERAMIC CHIP | 0.1μF    | 10% | 16V  | C9135    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  |
| C7866    | 1-164-874-11 | CERAMIC CHIP | 100pF    | 5%  | 50V  | C9136    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  |
| C7867    | 1-164-862-11 | CERAMIC CHIP | 33pF     | 5%  | 50V  | C9137    | 1-165-989-11 | CERAMIC CHIP | 10μF     | 10% | 6.3V |
| C7870    | 1-165-989-11 | CERAMIC CHIP | 10μF     | 10% | 6.3V | C9138    | 1-107-826-11 | CERAMIC CHIP | 0.1μF    | 10% | 16V  |
| C7871    | 1-165-989-11 | CERAMIC CHIP | 10μF     | 10% | 6.3V | C9139    | 1-162-964-11 | CERAMIC CHIP | 0.001μF  | 10% | 50V  |
| C7878    | 1-128-396-11 | ELECT CHIP   | 470μF    | 20% | 10V  | C9140    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  |
| C7879    | 1-162-995-11 | CERAMIC CHIP | 0.022μF  |     | 50V  | C9143    | 1-162-964-11 | CERAMIC CHIP | 0.001μF  | 10% | 50V  |
| C7950    | 1-100-567-81 | CERAMIC CHIP | 0.01μF   | 10% | 25V  | C9144    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  |
| C7951    | 1-100-567-81 | CERAMIC CHIP | 0.01μF   | 10% | 25V  | C9145    | 1-107-826-11 | CERAMIC CHIP | 0.1μF    | 10% | 16V  |
| C7952    | 1-165-908-11 | CERAMIC CHIP | 1μF      | 10% | 10V  | C9146    | 1-162-964-11 | CERAMIC CHIP | 0.001μF  | 10% | 50V  |
| C7953    | 1-100-916-11 | CERAMIC CHIP | 0.1μF    | 10% | 16V  | C9147    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  |
| C7954    | 1-100-916-11 | CERAMIC CHIP | 0.1μF    | 10% | 16V  | C9149    | 1-107-826-11 | CERAMIC CHIP | 0.1μF    | 10% | 16V  |
| C7956    | 1-100-916-11 | CERAMIC CHIP | 0.1μF    | 10% | 16V  | C9150    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  |
| C7958    | 1-100-916-11 | CERAMIC CHIP | 0.1μF    | 10% | 16V  | C9151    | 1-165-989-11 | CERAMIC CHIP | 10μF     | 10% | 6.3V |
| C7959    | 1-100-916-11 | CERAMIC CHIP | 0.1μF    | 10% | 16V  | C9152    | 1-165-989-11 | CERAMIC CHIP | 10μF     | 10% | 6.3V |
| C9100    | 1-126-210-21 | ELECT CHIP   | 220μF    | 20% | 4V   | C9153    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  |
| C9101    | 1-126-210-21 | ELECT CHIP   | 220μF    | 20% | 4V   | C9154    | 1-162-964-11 | CERAMIC CHIP | 0.001μF  | 10% | 50V  |
| C9105    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  | C9155    | 1-107-826-11 | CERAMIC CHIP | 0.1μF    | 10% | 16V  |
| C9106    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  | C9156    | 1-107-826-11 | CERAMIC CHIP | 0.1μF    | 10% | 16V  |
| C9107    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  | C9157    | 1-107-826-11 | CERAMIC CHIP | 0.1μF    | 10% | 16V  |
| C9108    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  | C9158    | 1-162-968-11 | CERAMIC CHIP | 0.0047μF | 10% | 50V  |
| C9110    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  | C9159    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  |
| C9111    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  | C9160    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  |
| C9112    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  | C9161    | 1-162-964-11 | CERAMIC CHIP | 0.001μF  | 10% | 50V  |
| C9113    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  | C9162    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  |
| C9114    | 1-162-970-11 | CERAMIC CHIP | 0.01μF   | 10% | 25V  | C9163    | 1-164-315-11 | CERAMIC CHIP | 470pF    | 5%  | 50V  |
| C9115    | 1-107-826-11 | CERAMIC CHIP | 0.1μF    | 10% | 16V  |          |              |              |          |     |      |



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| REF. NO.                                                                                 | PART NO.     | DESCRIPTION                 | VALUES        | REF. NO.                                                                                  | PART NO.     | DESCRIPTION      | VALUES          |
|------------------------------------------------------------------------------------------|--------------|-----------------------------|---------------|-------------------------------------------------------------------------------------------|--------------|------------------|-----------------|
| <b>CONNECTOR</b>                                                                         |              |                             |               |                                                                                           |              |                  |                 |
| * CN1400                                                                                 | 1-819-928-11 | HEADER ASSEMBLY             | 20P           | D5517                                                                                     | 6-500-701-01 | DIODE            | PGB1010603NR    |
| * CN2000                                                                                 | 1-819-461-11 | HEADER ASSEMBLY FOR PWB     |               | D5525                                                                                     | 1-216-864-11 | SHORT CHIP       |                 |
| CN3004                                                                                   | 1-779-936-51 | CONNECTOR, FFC/FPC          | 18P           | D5528                                                                                     | 1-216-864-11 | SHORT CHIP       |                 |
| * CN3008                                                                                 | 1-820-188-11 | HEADER ASSEMBLY (PRINT PWB) | 11P           | D7000                                                                                     | 8-719-081-97 | DIODE            | MMDL914T1       |
| * CN4001                                                                                 | 1-820-550-11 | HEADER ASSEMBLY FOR PWB     |               | D7001                                                                                     | 8-719-988-61 | DIODE            | 1SS355TE-17     |
| CN5000                                                                                   | 1-821-013-11 | D SUB CONNECTOR             |               | D7002                                                                                     | 6-500-253-01 | DIODE            | RB053L-30TE25   |
| * CN7301                                                                                 | 1-819-333-11 | HEADER ASSEMBLY FOR PWB     |               | D7003                                                                                     | 8-719-977-28 | DIODE            | DTZ10B          |
| CN7303                                                                                   | 1-820-187-11 | HEADER ASSEMBLY (PRINT PWB) | 10P           | D7004                                                                                     | 8-719-977-12 | DIODE            | DTZ6.8B         |
| * CN7600                                                                                 | 1-793-141-21 | PIN, CONNECTOR (PC BOARD)   | 15P           | D7008                                                                                     | 8-719-083-58 | DIODE            | UDZSNPTE-173.9B |
| * CN9102                                                                                 | 1-818-656-21 | HEADER ASSEMBLY             | 30P           | D7010                                                                                     | 8-719-081-34 | DIODE            | RB160M-30TR     |
| <b>DIODE</b>                                                                             |              |                             |               | D7013                                                                                     | 8-719-081-34 | DIODE            | RB160M-30TR     |
| D1013                                                                                    | 8-719-423-03 | DIODE                       | MA8100        | D7019                                                                                     | 6-500-253-01 | DIODE            | RB053L-30TE25   |
| D1014                                                                                    | 8-719-423-03 | DIODE                       | MA8100        | D7201                                                                                     | 8-719-081-97 | DIODE            | MMDL914T1       |
| D1015                                                                                    | 8-719-423-03 | DIODE                       | MA8100        | D7500                                                                                     | 8-719-073-34 | DIODE            | EC21QS03L-TE12L |
| D1016                                                                                    | 8-719-423-03 | DIODE                       | MA8100        | D7801                                                                                     | 8-719-058-24 | DIODE            | RB501V-40TE-17  |
| D1019                                                                                    | 8-719-423-03 | DIODE                       | MA8100        | D7802                                                                                     | 8-719-422-46 | DIODE            | MA8056          |
| D1020                                                                                    | 8-719-423-03 | DIODE                       | MA8100        | D7803                                                                                     | 8-719-422-46 | DIODE            | MA8056          |
| D1021                                                                                    | 8-719-423-03 | DIODE                       | MA8100        | <b>EARTH TERMINAL</b>                                                                     |              |                  |                 |
| D2002                                                                                    | 8-719-404-50 | DIODE                       | MA111-TX      | ET4001                                                                                    | 1-780-482-11 | EARTH TERMINAL   |                 |
| D2008                                                                                    | 8-719-404-50 | DIODE                       | MA111-TX      | ET4002                                                                                    | 1-780-482-11 | EARTH TERMINAL   |                 |
|  D2014 | 6-500-028-01 | DIODE                       | MM3Z9V1ST1    | ET4003                                                                                    | 1-780-482-11 | EARTH TERMINAL   |                 |
| D2017                                                                                    | 8-719-050-37 | DIODE                       | M1MA152WA-T1  | ET4004                                                                                    | 1-780-482-11 | EARTH TERMINAL   |                 |
| D2018                                                                                    | 8-719-977-28 | DIODE                       | DTZ10B        | ET4005                                                                                    | 1-780-482-11 | EARTH TERMINAL   |                 |
| D2019                                                                                    | 8-719-977-28 | DIODE                       | DTZ10B        | ET4006                                                                                    | 1-780-482-11 | EARTH TERMINAL   |                 |
| D2020                                                                                    | 8-719-422-46 | DIODE                       | MA8056        | ET4007                                                                                    | 1-780-482-11 | EARTH TERMINAL   |                 |
| D2021                                                                                    | 8-719-422-46 | DIODE                       | MA8056        | * ET4012                                                                                  | 1-780-431-11 | ON-BOARD CONTACT |                 |
| D2022                                                                                    | 8-719-422-46 | DIODE                       | MA8056        | * ET4013                                                                                  | 1-780-431-11 | ON-BOARD CONTACT |                 |
| D3002                                                                                    | 8-719-071-87 | DIODE                       | MA785-(TX),SO | <b>FUSE</b>                                                                               |              |                  |                 |
| D3007                                                                                    | 8-719-077-59 | DIODE                       | 1PS302        | F2000                                                                                     | 1-576-958-21 | FUSE             | 4A 24V          |
| D3020                                                                                    | 8-719-422-46 | DIODE                       | MA8056        | F3001                                                                                     | 1-576-646-11 | FUSE             | 0.5A 50V        |
| D3021                                                                                    | 8-719-422-46 | DIODE                       | MA8056        | F4001                                                                                     | 1-576-933-21 | FUSE             | 5A 24V          |
| D4012                                                                                    | 8-719-017-89 | DIODE                       | MA8150-TX     |  F7000 | 1-576-603-21 | FUSE             | 3.15A 24V       |
| D5000                                                                                    | 8-719-422-46 | DIODE                       | MA8056        | <b>FERRITE BEAD</b>                                                                       |              |                  |                 |
| D5001                                                                                    | 8-719-422-46 | DIODE                       | MA8056        | FB1700                                                                                    | 1-216-864-11 | SHORT CHIP       |                 |
| D5002                                                                                    | 8-719-422-46 | DIODE                       | MA8056        | FB1701                                                                                    | 1-412-983-31 | INDUCTOR         | 2.2μH           |
| D5003                                                                                    | 8-719-050-38 | DIODE                       | M1MA152WK-T1  | FB2000                                                                                    | 1-400-212-22 | FERRITE          | 0μH             |
| D5506                                                                                    | 6-500-701-01 | DIODE                       | PGB1010603NR  | FB2006                                                                                    | 1-400-089-21 | FERRITE          | 0μH             |
| D5508                                                                                    | 8-719-081-97 | DIODE                       | MMDL914T1     | FB2007                                                                                    | 1-400-089-21 | FERRITE          | 0μH             |
| D5509                                                                                    | 6-500-701-01 | DIODE                       | PGB1010603NR  | FB2008                                                                                    | 1-400-089-21 | FERRITE          | 0μH             |
| D5513                                                                                    | 6-500-701-01 | DIODE                       | PGB1010603NR  | FB2009                                                                                    | 1-400-089-21 | FERRITE          | 0μH             |
| D5516                                                                                    | 8-719-081-97 | DIODE                       | MMDL914T1     | FB2010                                                                                    | 1-400-089-21 | FERRITE          | 0μH             |

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| REF. NO.                                                                                  | PART NO.     | DESCRIPTION | VALUES | REF. NO.                                                                                   | PART NO.     | DESCRIPTION   | VALUES               |
|-------------------------------------------------------------------------------------------|--------------|-------------|--------|--------------------------------------------------------------------------------------------|--------------|---------------|----------------------|
| FB2012                                                                                    | 1-400-089-21 | FERRITE     | 0μH    | FB7807                                                                                     | 1-469-083-21 | FERRITE       | 0μH                  |
| FB2013                                                                                    | 1-400-089-21 | FERRITE     | 0μH    | FB7808                                                                                     | 1-400-198-21 | FERRITE       | 0μH                  |
|                                                                                           |              |             |        | FB7809                                                                                     | 1-400-198-21 | FERRITE       | 0μH                  |
| FB2014                                                                                    | 1-400-089-21 | FERRITE     | 0μH    | FB9101                                                                                     | 1-400-089-21 | FERRITE       | 0μH                  |
| FB4001                                                                                    | 1-400-089-21 | FERRITE     | 0μH    |                                                                                            |              |               |                      |
| FB4002                                                                                    | 1-400-110-21 | FERRITE     | 0μH    |                                                                                            |              | <b>FILTER</b> |                      |
| FB4003                                                                                    | 1-400-089-21 | FERRITE     | 0μH    | FL3001                                                                                     | 1-234-177-21 | FERRITE       | 0μH                  |
| FB4005                                                                                    | 1-414-445-11 | FERRITE     | 0μH    | FL5501                                                                                     | 1-234-177-21 | FERRITE       | 0μH                  |
|                                                                                           |              |             |        | FL5502                                                                                     | 1-234-177-21 | FERRITE       | 0μH                  |
| FB4006                                                                                    | 1-414-445-11 | FERRITE     | 0μH    |                                                                                            |              |               |                      |
| FB4007                                                                                    | 1-414-445-11 | FERRITE     | 0μH    |                                                                                            |              | <b>IC</b>     |                      |
| FB4008                                                                                    | 1-400-591-22 | FERRITE     | 0μH    | IC1001                                                                                     | 8-759-548-56 | IC            | M52055FP             |
| FB4009                                                                                    | 1-400-591-22 | FERRITE     | 0μH    | IC2004                                                                                     | 8-759-278-58 | IC            | NJM4558V-TE2         |
| FB4010                                                                                    | 1-400-591-22 | FERRITE     | 0μH    | IC2005                                                                                     | 8-759-460-79 | IC            | BA09FP-E2            |
|                                                                                           |              |             |        | IC2006                                                                                     | 8-759-278-58 | IC            | NJM4558V-TE2         |
| FB4011                                                                                    | 1-400-591-22 | FERRITE     | 0μH    | IC2008                                                                                     | 6-709-927-01 | IC            | RT8H225C-TP-2        |
| FB4013                                                                                    | 1-400-089-21 | FERRITE     | 0μH    |                                                                                            |              |               |                      |
| FB4501                                                                                    | 1-412-983-31 | INDUCTOR    | 2.2μH  | IC2009                                                                                     | 6-710-904-01 | IC            | TPA3100D2PHPR        |
| FB4502                                                                                    | 1-469-555-21 | INDUCTOR    | 10μH   | IC2010                                                                                     | 8-759-359-49 | IC            | NJM3414AV(TE2)       |
| FB5000                                                                                    | 1-469-100-21 | FERRITE     | 0μH    | IC2011                                                                                     | 6-709-927-01 | IC            | RT8H225C-TP-2        |
|                                                                                           |              |             |        | IC2013                                                                                     | 6-701-105-01 | IC            | NJM2750M-TE2         |
| FB5001                                                                                    | 1-469-100-21 | FERRITE     | 0μH    | IC2014                                                                                     | 6-707-181-01 | IC            | AK5366VQ-L           |
| FB5002                                                                                    | 1-469-100-21 | FERRITE     | 0μH    |                                                                                            |              |               |                      |
| FB5004                                                                                    | 1-469-100-21 | FERRITE     | 0μH    | IC2015                                                                                     | 6-704-819-01 | IC            | CS4335-KSZR          |
| FB5005                                                                                    | 1-400-141-22 | FERRITE     | 0μH    | IC2016                                                                                     | 6-704-819-01 | IC            | CS4335-KSZR          |
| FB7000                                                                                    | 1-400-794-21 | FERRITE     | 0μH    | IC3005                                                                                     | 6-704-607-01 | IC            | M24C16-WMN6T(B)      |
|                                                                                           |              |             |        | IC3007                                                                                     | 6-709-731-01 | IC            | ADT75ARZ-REEL        |
| FB7003                                                                                    | 1-400-089-21 | FERRITE     | 0μH    | IC3009                                                                                     | 6-709-517-01 | IC            | S-35390A-J8T1G       |
|  FB7200 | 1-414-229-11 | FERRITE     | 0μH    |                                                                                            |              |               |                      |
|  FB7201 | 1-414-229-11 | FERRITE     | 0μH    | IC3010                                                                                     | 6-801-402-01 | IC            | BD4729GTR            |
| FB7202                                                                                    | 1-414-229-11 | FERRITE     | 0μH    | IC3011                                                                                     | 6-806-734-01 | IC            | MB95F118ASPMT-G-SPE1 |
| FB7203                                                                                    | 1-414-229-11 | FERRITE     | 0μH    |  IC4501 | 6-711-281-01 | IC            | AD9380KSTZ-100       |
|                                                                                           |              |             |        | IC5000                                                                                     | 6-704-600-01 | IC            | M24C02-WMN6T(B)      |
| FB7204                                                                                    | 1-414-229-11 | FERRITE     | 0μH    | IC5001                                                                                     | 6-707-846-01 | IC            | TC74LCX14FT(EKJ)     |
| FB7300                                                                                    | 1-400-089-21 | FERRITE     | 0μH    |                                                                                            |              |               |                      |
| FB7301                                                                                    | 1-400-089-21 | FERRITE     | 0μH    | IC5501                                                                                     | 6-704-001-01 | IC            | BR24L02F-WE2         |
| FB7302                                                                                    | 1-414-229-11 | FERRITE     | 0μH    | IC5503                                                                                     | 6-704-001-01 | IC            | BR24L02F-WE2         |
| FB7303                                                                                    | 1-414-229-11 | FERRITE     | 0μH    | IC5511                                                                                     | 6-708-758-01 | IC            | PCA9517DP.118        |
|                                                                                           |              |             |        | IC5512                                                                                     | 8-759-596-34 | IC            | SN74LV4053APWR       |
| FB7400                                                                                    | 1-414-229-11 | FERRITE     | 0μH    | IC5513                                                                                     | 8-753-255-97 | IC            | CXB1441R-T4          |
|  FB7700 | 1-414-229-11 | FERRITE     | 0μH    |                                                                                            |              |               |                      |
| FB7701                                                                                    | 1-414-229-11 | FERRITE     | 0μH    | IC7000                                                                                     | 6-702-142-01 | IC            | PQ1CY1032ZP          |
| FB7800                                                                                    | 1-414-229-11 | FERRITE     | 0μH    | IC7001                                                                                     | 6-708-171-01 | IC            | MIC5235YM5TR         |
| FB7801                                                                                    | 1-218-990-81 | SHORT CHIP  |        | IC7002                                                                                     | 6-703-708-01 | IC            | LM2903DT             |
|                                                                                           |              |             |        | IC7003                                                                                     | 6-703-175-01 | IC            | PST3629UL            |
| FB7802                                                                                    | 1-218-990-81 | SHORT CHIP  |        |  IC7004 | 6-709-075-01 | IC            | TPS5124DBTRG4        |
| FB7803                                                                                    | 1-469-084-21 | FERRITE     | 0MH    |                                                                                            |              |               |                      |
| FB7804                                                                                    | 1-469-083-21 | FERRITE     | 0μH    |  IC7005 | 6-709-075-01 | IC            | TPS5124DBTRG4        |
| FB7805                                                                                    | 1-469-083-21 | FERRITE     | 0μH    | IC7006                                                                                     | 6-707-739-01 | IC            | MM1661JTRE           |
| FB7806                                                                                    | 1-469-083-21 | FERRITE     | 0μH    | IC7300                                                                                     | 6-711-353-01 | IC            | 100CK2254            |
|                                                                                           |              |             |        | IC7301                                                                                     | 6-700-631-01 | IC            | TPS2051ADR           |
|                                                                                           |              |             |        | IC7400                                                                                     | 6-711-198-01 | IC            | HYB18TC512160BF-2.5  |

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| REF. NO. | PART NO.    | DESCRIPTION  | VALUES            | REF. NO.         | PART NO.     | DESCRIPTION  | VALUES   |       |
|----------|-------------|--------------|-------------------|------------------|--------------|--------------|----------|-------|
|          | IC7501      | 6-709-504-01 | IC                | K9F5608U0D-PCB0T | L5502        | 1-457-223-11 | INDUCTOR | 0μH   |
| △        | IC7503      | 6-807-556-01 | IC                | M25P40-VMN6TP    | L5503        | 1-457-223-11 | INDUCTOR | 0μH   |
|          | IC7504      | 8-759-675-48 | IC                | SN74LVC32APWR    | L5504        | 1-457-223-11 | INDUCTOR | 0μH   |
|          | IC7505      | 6-705-468-01 | IC                | BA33BC0FP-E2     | L7001        | 1-457-242-11 | INDUCTOR | 47μH  |
|          | IC7506      | 6-703-038-01 | IC                | CD74HC4538PWR    | L7002        | 1-424-976-21 | INDUCTOR | 47μH  |
|          | IC7950      | 8-759-338-95 | IC                | NJM2903V(TE2)    | L7004        | 1-424-922-21 | INDUCTOR | 10μH  |
|          | IC9100      | 6-702-973-01 | IC                | CXD9690Q         | L7005        | 1-424-922-21 | INDUCTOR | 10μH  |
|          | IC9102      | 6-704-519-01 | IC                | THC63LVD103      | L7006        | 1-400-325-11 | INDUCTOR | 5.6μH |
|          | IC9105      | 6-701-680-01 | IC                | PST3629NR        | L7007        | 1-400-281-11 | INDUCTOR | 10μH  |
|          |             |              |                   | L7201            | 1-400-180-21 | FERRITE      | 0μH      |       |
|          | <u>JACK</u> |              |                   | L7300            | 1-400-284-21 | INDUCTOR     | 0μH      |       |
|          | J1000       | 1-780-487-11 | S TERMINAL BLOCK  | L7431            | 1-400-180-21 | FERRITE      | 0μH      |       |
|          | J1100       | 1-821-064-11 | PHONO JACK        | L7720            | 1-400-180-21 | FERRITE      | 0μH      |       |
|          | J1701       | 1-820-765-11 | PHONO JACK        | L7800            | 1-412-973-11 | INDUCTOR     | 0.33μH   |       |
|          | J1710       | 1-820-638-11 | JACK (SMALL TYPE) | L7801            | 1-412-971-31 | INDUCTOR     | 0.22μH   |       |
| *        | J1722       | 1-821-418-11 | PIN JACK BLOCK    |                  |              |              |          |       |
|          | J5505       | 1-818-737-11 | HDMI CONNECTOR    | L7802            | 1-412-971-31 | INDUCTOR     | 0.22μH   |       |
|          | J5506       | 1-818-737-11 | HDMI CONNECTOR    | L7805            | 1-412-973-11 | INDUCTOR     | 0.33μH   |       |
|          |             |              |                   | L7806            | 1-412-974-41 | INDUCTOR     | 0.39μH   |       |
|          | <u>COIL</u> |              |                   | L7807            | 1-412-974-41 | INDUCTOR     | 0.39μH   |       |
|          |             |              |                   | L7808            | 1-469-555-21 | INDUCTOR     | 10μH     |       |
|          | L1001       | 1-469-555-21 | INDUCTOR          |                  |              |              |          |       |
|          | L1007       | 1-412-983-31 | INDUCTOR          | L7809            | 1-412-972-31 | INDUCTOR     | 0.27μH   |       |
|          | L2005       | 1-469-555-21 | INDUCTOR          | L7810            | 1-412-972-31 | INDUCTOR     | 0.27μH   |       |
|          | L2011       | 1-469-555-21 | INDUCTOR          | L7811            | 1-469-555-21 | INDUCTOR     | 10μH     |       |
|          | L2015       | 1-469-555-21 | INDUCTOR          | L7812            | 1-469-555-21 | INDUCTOR     | 10μH     |       |
|          |             |              |                   | L7813            | 1-469-555-21 | INDUCTOR     | 10μH     |       |
|          | L2016       | 1-481-083-11 | INDUCTOR          |                  |              |              |          |       |
|          | L2017       | 1-412-058-11 | INDUCTOR          | L7814            | 1-469-555-21 | INDUCTOR     | 10μH     |       |
|          | L2018       | 1-457-429-11 | INDUCTOR          | L7815            | 1-469-555-21 | INDUCTOR     | 10μH     |       |
|          | L2019       | 1-457-429-11 | INDUCTOR          | L7817            | 1-400-180-21 | FERRITE      | 0μH      |       |
|          | L2022       | 1-469-555-21 | INDUCTOR          | L7818            | 1-400-180-21 | FERRITE      | 0μH      |       |
|          |             |              |                   | L7819            | 1-469-555-21 | INDUCTOR     | 10μH     |       |
|          | L2023       | 1-216-864-11 | SHORT CHIP        |                  |              |              |          |       |
|          | L2025       | 1-469-555-21 | INDUCTOR          | L7820            | 1-400-180-21 | FERRITE      | 0μH      |       |
|          | L2026       | 1-457-429-11 | INDUCTOR          | L7821            | 1-400-180-21 | FERRITE      | 0μH      |       |
|          | L2027       | 1-457-429-11 | INDUCTOR          | L7822            | 1-400-180-21 | FERRITE      | 0μH      |       |
|          | L3002       | 1-400-794-21 | FERRITE           | L7824            | 1-400-180-21 | FERRITE      | 0μH      |       |
|          |             |              |                   | L7825            | 1-400-180-21 | FERRITE      | 0μH      |       |
|          | L4501       | 1-469-555-21 | INDUCTOR          |                  |              |              |          |       |
|          | L4502       | 1-469-555-21 | INDUCTOR          | L7826            | 1-400-180-21 | FERRITE      | 0μH      |       |
|          | L4503       | 1-469-555-21 | INDUCTOR          | L7827            | 1-400-180-21 | FERRITE      | 0μH      |       |
|          | L4504       | 1-469-555-21 | INDUCTOR          | L9100            | 1-469-555-21 | INDUCTOR     | 10μH     |       |
|          | L4505       | 1-469-555-21 | INDUCTOR          | L9101            | 1-412-029-11 | INDUCTOR     | 10μH     |       |
|          |             |              |                   | L9103            | 1-469-555-21 | INDUCTOR     | 10μH     |       |
|          | L5005       | 1-457-223-11 | INDUCTOR          |                  |              |              |          |       |
|          | L5006       | 1-457-223-11 | INDUCTOR          | L9104            | 1-469-555-21 | INDUCTOR     | 10μH     |       |
|          | L5007       | 1-457-223-11 | INDUCTOR          | L9105            | 1-469-555-21 | INDUCTOR     | 10μH     |       |
|          | L5008       | 1-457-223-11 | INDUCTOR          | L9106            | 1-456-984-11 | INDUCTOR     | 0μH      |       |
|          | L5501       | 1-457-223-11 | INDUCTOR          | L9107            | 1-456-984-11 | INDUCTOR     | 0μH      |       |
|          |             |              |                   | L9108            | 1-456-984-11 | INDUCTOR     | 0μH      |       |

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| REF. NO.           | PART NO.     | DESCRIPTION | VALUES           | REF. NO.        | PART NO.     | DESCRIPTION | VALUES           |
|--------------------|--------------|-------------|------------------|-----------------|--------------|-------------|------------------|
| L9109              | 1-456-984-11 | INDUCTOR    | 0 $\mu$ H        | Q7800           | 6-551-696-01 | TRANSISTOR  | ISA1235AC1TP-1EF |
| L9110              | 1-456-984-11 | INDUCTOR    | 0 $\mu$ H        | Q7802           | 6-551-699-01 | TRANSISTOR  | ISA1602AM1TP-1EF |
| L9111              | 1-400-177-21 | FERRITE     | 0 $\mu$ H        | Q7803           | 8-729-620-07 | TRANSISTOR  | 2SC3052EF-T1-LEF |
| <b>IC LINK</b>     |              |             |                  | Q7804           | 8-729-620-07 | TRANSISTOR  | 2SC3052EF-T1-LEF |
| PS5000             | 1-576-646-11 | FUSE        | 0.5A 50V         | Q7807           | 8-729-620-13 | TRANSISTOR  | 2SC4154TP-1EF    |
| $\triangle$ PS7000 | 1-576-925-11 | IC LINK     | 3.15A 0V         | Q9100           | 8-729-600-22 | TRANSISTOR  | 2SA1235-F        |
| $\triangle$ PS7001 | 1-576-925-11 | IC LINK     | 3.15A 0V         | Q9101           | 8-729-620-07 | TRANSISTOR  | 2SC3052EF-T1-LEF |
| <b>TRANSISTOR</b>  |              |             |                  | <b>RESISTOR</b> |              |             |                  |
| Q1007              | 8-729-422-27 | TRANSISTOR  | 2SD601A-Q        | R1012           | 1-218-985-11 | RES-CHIP    | 470K 5% 1/16W    |
| Q2006              | 8-729-620-13 | TRANSISTOR  | 2SC4154TP-1EF    | R1013           | 1-218-990-81 | SHORT CHIP  |                  |
| Q2007              | 6-551-364-01 | TRANSISTOR  | DTC614TUT106     | R1014           | 1-218-985-11 | RES-CHIP    | 470K 5% 1/16W    |
| Q2008              | 6-551-364-01 | TRANSISTOR  | DTC614TUT106     | R1015           | 1-218-990-81 | SHORT CHIP  |                  |
| Q2009              | 8-729-028-96 | TRANSISTOR  | DTC114EUA-T106   | R1016           | 1-218-990-81 | SHORT CHIP  |                  |
| Q2010              | 8-729-013-28 | TRANSISTOR  | HN1B01FU-TE85R   | R1021           | 1-218-985-11 | RES-CHIP    | 470K 5% 1/16W    |
| Q2012              | 6-551-271-01 | TRANSISTOR  | RT3AMMM          | R1022           | 1-218-990-81 | SHORT CHIP  |                  |
| Q2013              | 6-551-271-01 | TRANSISTOR  | RT3AMMM          | R1023           | 1-218-985-11 | RES-CHIP    | 470K 5% 1/16W    |
| Q2016              | 8-729-028-96 | TRANSISTOR  | DTC114EUA-T106   | R1024           | 1-218-990-81 | SHORT CHIP  |                  |
| Q2017              | 8-729-028-96 | TRANSISTOR  | DTC114EUA-T106   | R1025           | 1-218-990-81 | SHORT CHIP  |                  |
| Q2018              | 8-729-028-96 | TRANSISTOR  | DTC114EUA-T106   | R1102           | 1-218-831-11 | METAL CHIP  | 220 0.50% 1/10W  |
| Q2019              | 6-551-364-01 | TRANSISTOR  | DTC614TUT106     | R1103           | 1-218-831-11 | METAL CHIP  | 220 0.50% 1/10W  |
| Q2020              | 6-551-364-01 | TRANSISTOR  | DTC614TUT106     | R1104           | 1-218-831-11 | METAL CHIP  | 220 0.50% 1/10W  |
| Q2021              | 8-729-422-27 | TRANSISTOR  | 2SD601A-Q        | R1105           | 1-218-933-11 | RES-CHIP    | 22 5% 1/16W      |
| Q3007              | 8-729-028-96 | TRANSISTOR  | DTC114EUA-T106   | R1106           | 1-218-831-11 | METAL CHIP  | 220 0.50% 1/10W  |
| Q4001              | 8-729-028-97 | TRANSISTOR  | DTC114TUA-T106   | R1107           | 1-218-831-11 | METAL CHIP  | 220 0.50% 1/10W  |
| Q4002              | 8-729-028-97 | TRANSISTOR  | DTC114TUA-T106   | R1108           | 1-218-831-11 | METAL CHIP  | 220 0.50% 1/10W  |
| Q4011              | 8-729-907-00 | TRANSISTOR  | DTC114EU         | R1109           | 1-218-933-11 | RES-CHIP    | 22 5% 1/16W      |
| Q4014              | 8-729-028-96 | TRANSISTOR  | DTC114EUA-T106   | R1110           | 1-218-831-11 | METAL CHIP  | 220 0.50% 1/10W  |
| Q4016              | 8-729-028-97 | TRANSISTOR  | DTC114TUA-T106   | R1111           | 1-218-831-11 | METAL CHIP  | 220 0.50% 1/10W  |
| Q4017              | 8-729-028-97 | TRANSISTOR  | DTC114TUA-T106   | R1112           | 1-218-831-11 | METAL CHIP  | 220 0.50% 1/10W  |
| Q4018              | 8-729-054-36 | TRANSISTOR  | UPA1716G-E2      | R1113           | 1-218-933-11 | RES-CHIP    | 22 5% 1/16W      |
| Q4501              | 8-729-620-07 | TRANSISTOR  | 2SC3052EF-T1-LEF | R1114           | 1-218-990-81 | SHORT CHIP  |                  |
| Q4502              | 8-729-620-07 | TRANSISTOR  | 2SC3052EF-T1-LEF | R1115           | 1-218-985-11 | RES-CHIP    | 470K 5% 1/16W    |
| Q4503              | 8-729-620-07 | TRANSISTOR  | 2SC3052EF-T1-LEF | R1116           | 1-218-990-81 | SHORT CHIP  |                  |
| Q5503              | 8-729-028-28 | TRANSISTOR  | 2SK2036(TE85L)   | R1117           | 1-218-985-11 | RES-CHIP    | 470K 5% 1/16W    |
| Q5505              | 8-729-028-28 | TRANSISTOR  | 2SK2036(TE85L)   | R1132           | 1-218-831-11 | METAL CHIP  | 220 0.50% 1/10W  |
| Q5507              | 8-729-028-96 | TRANSISTOR  | DTC114EUA-T106   | R1133           | 1-218-831-11 | METAL CHIP  | 220 0.50% 1/10W  |
| Q5624              | 8-729-907-00 | TRANSISTOR  | DTC114EU         | R1134           | 1-218-831-11 | METAL CHIP  | 220 0.50% 1/10W  |
| Q5625              | 8-729-907-00 | TRANSISTOR  | DTC114EU         | R1135           | 1-218-933-11 | RES-CHIP    | 22 5% 1/16W      |
| $\triangle$ Q7000  | 8-729-046-04 | TRANSISTOR  | FDS6690A         | R1136           | 1-218-831-11 | METAL CHIP  | 220 0.50% 1/10W  |
| $\triangle$ Q7001  | 6-709-438-01 | TRANSISTOR  | FDS6986AS-NL     | R1137           | 1-218-831-11 | METAL CHIP  | 220 0.50% 1/10W  |
| $\triangle$ Q7002  | 6-709-438-01 | TRANSISTOR  | FDS6986AS-NL     | R1138           | 1-218-831-11 | METAL CHIP  | 220 0.50% 1/10W  |
| $\triangle$ Q7003  | 6-709-438-01 | TRANSISTOR  | FDS6986AS-NL     | R1139           | 1-218-933-11 | RES-CHIP    | 22 5% 1/16W      |
| $\triangle$ Q7004  | 6-709-438-01 | TRANSISTOR  | FDS6986AS-NL     | R1140           | 1-218-831-11 | METAL CHIP  | 220 0.50% 1/10W  |





| REF. NO. | PART NO.     | DESCRIPTION | VALUES |       |       | REF. NO. | PART NO.     | DESCRIPTION | VALUES |       |       |
|----------|--------------|-------------|--------|-------|-------|----------|--------------|-------------|--------|-------|-------|
| R1141    | 1-218-831-11 | METAL CHIP  | 220    | 0.50% | 1/10W | R1876    | 1-216-864-11 | SHORT CHIP  |        |       |       |
| R1142    | 1-218-831-11 | METAL CHIP  | 220    | 0.50% | 1/10W | R1877    | 1-216-864-11 | SHORT CHIP  |        |       |       |
| R1143    | 1-218-933-11 | RES-CHIP    | 22     | 5%    | 1/16W | R1878    | 1-218-831-11 | METAL CHIP  | 220    | 0.50% | 1/10W |
| R1144    | 1-218-990-81 | SHORT CHIP  |        |       |       | R1885    | 1-216-864-11 | SHORT CHIP  |        |       |       |
| R1145    | 1-218-985-11 | RES-CHIP    | 470K   | 5%    | 1/16W | R1886    | 1-216-864-11 | SHORT CHIP  |        |       |       |
| R1146    | 1-218-990-81 | SHORT CHIP  |        |       |       | R1887    | 1-218-831-11 | METAL CHIP  | 220    | 0.50% | 1/10W |
| R1147    | 1-218-985-11 | RES-CHIP    | 470K   | 5%    | 1/16W | R1894    | 1-216-864-11 | SHORT CHIP  |        |       |       |
| R1401    | 1-216-864-11 | SHORT CHIP  |        |       |       | R1914    | 1-218-831-11 | METAL CHIP  | 220    | 0.50% | 1/10W |
| R1402    | 1-218-990-81 | SHORT CHIP  |        |       |       | R1915    | 1-218-831-11 | METAL CHIP  | 220    | 0.50% | 1/10W |
| R1403    | 1-218-990-81 | SHORT CHIP  |        |       |       | R1916    | 1-218-831-11 | METAL CHIP  | 220    | 0.50% | 1/10W |
| R1404    | 1-218-990-81 | SHORT CHIP  |        |       |       | R1917    | 1-218-969-11 | RES-CHIP    | 22K    | 5%    | 1/16W |
| R1405    | 1-218-990-81 | SHORT CHIP  |        |       |       | R1918    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W |
| R1406    | 1-218-990-81 | SHORT CHIP  |        |       |       | R1919    | 1-218-941-81 | RES-CHIP    | 100    | 5%    | 1/16W |
| R1408    | 1-216-864-11 | SHORT CHIP  |        |       |       | R1920    | 1-218-839-11 | METAL CHIP  | 470    | 0.50% | 1/10W |
| R1700    | 1-218-981-91 | RES-CHIP    | 220K   | 5%    | 1/16W | R1922    | 1-218-990-81 | SHORT CHIP  |        |       |       |
| R1701    | 1-218-981-91 | RES-CHIP    | 220K   | 5%    | 1/16W | R1923    | 1-218-990-81 | SHORT CHIP  |        |       |       |
| R1702    | 1-218-957-11 | RES-CHIP    | 2.2K   | 5%    | 1/16W | R1924    | 1-216-864-11 | SHORT CHIP  |        |       |       |
| R1703    | 1-218-957-11 | RES-CHIP    | 2.2K   | 5%    | 1/16W | R1925    | 1-216-864-11 | SHORT CHIP  |        |       |       |
| R1710    | 1-218-985-11 | RES-CHIP    | 470K   | 5%    | 1/16W | R1926    | 1-216-864-11 | SHORT CHIP  |        |       |       |
| R1711    | 1-218-985-11 | RES-CHIP    | 470K   | 5%    | 1/16W | R1927    | 1-216-864-11 | SHORT CHIP  |        |       |       |
| R1712    | 1-218-953-11 | RES-CHIP    | 1K     | 5%    | 1/16W | R1928    | 1-216-864-11 | SHORT CHIP  |        |       |       |
| R1713    | 1-218-953-11 | RES-CHIP    | 1K     | 5%    | 1/16W | R1929    | 1-216-864-11 | SHORT CHIP  |        |       |       |
| R1720    | 1-218-985-11 | RES-CHIP    | 470K   | 5%    | 1/16W | R1930    | 1-216-864-11 | SHORT CHIP  |        |       |       |
| R1721    | 1-218-985-11 | RES-CHIP    | 470K   | 5%    | 1/16W | R1931    | 1-216-864-11 | SHORT CHIP  |        |       |       |
| R1722    | 1-218-953-11 | RES-CHIP    | 1K     | 5%    | 1/16W | R1932    | 1-216-864-11 | SHORT CHIP  |        |       |       |
| R1723    | 1-218-953-11 | RES-CHIP    | 1K     | 5%    | 1/16W | R1933    | 1-216-864-11 | SHORT CHIP  |        |       |       |
| R1726    | 1-216-864-11 | SHORT CHIP  |        |       |       | R1934    | 1-216-864-11 | SHORT CHIP  |        |       |       |
| R1727    | 1-216-864-11 | SHORT CHIP  |        |       |       | R1935    | 1-216-864-11 | SHORT CHIP  |        |       |       |
| R1728    | 1-216-864-11 | SHORT CHIP  |        |       |       | R1936    | 1-216-864-11 | SHORT CHIP  |        |       |       |
| R1822    | 1-218-990-81 | SHORT CHIP  |        |       |       | R1937    | 1-216-864-11 | SHORT CHIP  |        |       |       |
| R1832    | 1-218-990-81 | SHORT CHIP  |        |       |       | R1938    | 1-216-864-11 | SHORT CHIP  |        |       |       |
| R1833    | 1-218-990-81 | SHORT CHIP  |        |       |       | R1939    | 1-216-864-11 | SHORT CHIP  |        |       |       |
| R1836    | 1-218-990-81 | SHORT CHIP  |        |       |       | R1940    | 1-216-295-91 | SHORT CHIP  |        |       |       |
| R1839    | 1-218-990-81 | SHORT CHIP  |        |       |       | R1941    | 1-216-295-91 | SHORT CHIP  |        |       |       |
| R1842    | 1-218-990-81 | SHORT CHIP  |        |       |       | R1942    | 1-216-295-91 | SHORT CHIP  |        |       |       |
| R1845    | 1-218-990-81 | SHORT CHIP  |        |       |       | R1943    | 1-216-295-91 | SHORT CHIP  |        |       |       |
| R1848    | 1-218-990-81 | SHORT CHIP  |        |       |       | R1944    | 1-216-295-91 | SHORT CHIP  |        |       |       |
| R1850    | 1-216-809-11 | METAL CHIP  | 100    | 5%    | 1/10W | R1945    | 1-216-295-91 | SHORT CHIP  |        |       |       |
| R1859    | 1-218-831-11 | METAL CHIP  | 220    | 0.50% | 1/10W | R1946    | 1-216-295-91 | SHORT CHIP  |        |       |       |
| R1866    | 1-216-864-11 | SHORT CHIP  |        |       |       | R2110    | 1-208-905-11 | METAL CHIP  | 5.6K   | 0.50% | 1/16W |
| R1867    | 1-216-864-11 | SHORT CHIP  |        |       |       | R2111    | 1-208-905-11 | METAL CHIP  | 5.6K   | 0.50% | 1/16W |
| R1868    | 1-216-864-11 | SHORT CHIP  |        |       |       | R2112    | 1-218-973-11 | RES-CHIP    | 47K    | 5%    | 1/16W |
| R1869    | 1-218-831-11 | METAL CHIP  | 220    | 0.50% | 1/10W | R2113    | 1-218-973-11 | RES-CHIP    | 47K    | 5%    | 1/16W |
| R1870    | 1-218-831-11 | METAL CHIP  | 220    | 0.50% | 1/10W | R2114    | 1-216-864-11 | SHORT CHIP  |        |       |       |
| R1871    | 1-218-831-11 | METAL CHIP  | 220    | 0.50% | 1/10W | R2116    | 1-216-864-11 | SHORT CHIP  |        |       |       |



| REF. NO. | PART NO.     | DESCRIPTION | VALUES |       |       | REF. NO. | PART NO.     | DESCRIPTION | VALUES |       |       |
|----------|--------------|-------------|--------|-------|-------|----------|--------------|-------------|--------|-------|-------|
| R2117    | 1-208-687-11 | METAL CHIP  | 1.5K   | 0.50% | 1/16W | R2202    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W |
| R2118    | 1-208-687-11 | METAL CHIP  | 1.5K   | 0.50% | 1/16W | R2204    | 1-218-977-11 | RES-CHIP    | 100K   | 5%    | 1/16W |
| R2120    | 1-218-973-11 | RES-CHIP    | 47K    | 5%    | 1/16W | R2205    | 1-218-973-11 | RES-CHIP    | 47K    | 5%    | 1/16W |
| R2121    | 1-218-973-11 | RES-CHIP    | 47K    | 5%    | 1/16W | R2206    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W |
| R2122    | 1-218-973-11 | RES-CHIP    | 47K    | 5%    | 1/16W | R2210    | 1-208-691-11 | METAL CHIP  | 2.2K   | 0.50% | 1/16W |
| R2126    | 1-218-973-11 | RES-CHIP    | 47K    | 5%    | 1/16W | R2211    | 1-208-691-11 | METAL CHIP  | 2.2K   | 0.50% | 1/16W |
| R2129    | 1-218-973-11 | RES-CHIP    | 47K    | 5%    | 1/16W | R2212    | 1-208-711-11 | METAL CHIP  | 15K    | 0.50% | 1/16W |
| R2130    | 1-208-697-11 | METAL CHIP  | 3.9K   | 0.50% | 1/16W | R2213    | 1-208-711-11 | METAL CHIP  | 15K    | 0.50% | 1/16W |
| R2131    | 1-208-697-11 | METAL CHIP  | 3.9K   | 0.50% | 1/16W | R2214    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W |
| R2133    | 1-218-973-11 | RES-CHIP    | 47K    | 5%    | 1/16W | R2215    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W |
| R2138    | 1-218-985-11 | RES-CHIP    | 470K   | 5%    | 1/16W | R2216    | 1-218-977-11 | RES-CHIP    | 100K   | 5%    | 1/16W |
| R2139    | 1-218-985-11 | RES-CHIP    | 470K   | 5%    | 1/16W | R2217    | 1-218-977-11 | RES-CHIP    | 100K   | 5%    | 1/16W |
| R2141    | 1-218-957-11 | RES-CHIP    | 2.2K   | 5%    | 1/16W | R2222    | 1-218-973-11 | RES-CHIP    | 47K    | 5%    | 1/16W |
| R2142    | 1-218-957-11 | RES-CHIP    | 2.2K   | 5%    | 1/16W | R2227    | 1-218-973-11 | RES-CHIP    | 47K    | 5%    | 1/16W |
| R2143    | 1-208-905-11 | METAL CHIP  | 5.6K   | 0.50% | 1/16W | R2228    | 1-469-083-21 | FERRITE     | 0μH    |       |       |
| R2145    | 1-208-905-11 | METAL CHIP  | 5.6K   | 0.50% | 1/16W | R2229    | 1-469-083-21 | FERRITE     | 0μH    |       |       |
| R2147    | 1-218-990-81 | SHORT CHIP  |        |       |       | R2230    | 1-220-199-81 | RES-CHIP    | 24K    | 5%    | 1/16W |
| R2148    | 1-218-973-11 | RES-CHIP    | 47K    | 5%    | 1/16W | R2231    | 1-220-199-81 | RES-CHIP    | 24K    | 5%    | 1/16W |
| R2149    | 1-218-969-11 | RES-CHIP    | 22K    | 5%    | 1/16W | R2232    | 1-469-083-21 | FERRITE     | 0μH    |       |       |
| R2150    | 1-218-969-11 | RES-CHIP    | 22K    | 5%    | 1/16W | R2233    | 1-469-083-21 | FERRITE     | 0μH    |       |       |
| R2151    | 1-218-973-11 | RES-CHIP    | 47K    | 5%    | 1/16W | R2234    | 1-216-833-11 | METAL CHIP  | 10K    | 5%    | 1/10W |
| R2153    | 1-218-977-11 | RES-CHIP    | 100K   | 5%    | 1/16W | R2235    | 1-216-813-11 | METAL CHIP  | 220    | 5%    | 1/10W |
| R2161    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W | R2236    | 1-216-807-11 | METAL CHIP  | 68     | 5%    | 1/10W |
| R2162    | 1-218-977-11 | RES-CHIP    | 100K   | 5%    | 1/16W | R2237    | 1-216-821-11 | METAL CHIP  | 1K     | 5%    | 1/10W |
| R2163    | 1-218-973-11 | RES-CHIP    | 47K    | 5%    | 1/16W | R2238    | 1-216-821-11 | METAL CHIP  | 1K     | 5%    | 1/10W |
| R2166    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W | R2239    | 1-216-821-11 | METAL CHIP  | 1K     | 5%    | 1/10W |
| R2167    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W | R2249    | 1-218-941-81 | RES-CHIP    | 100    | 5%    | 1/16W |
| R2168    | 1-218-961-11 | RES-CHIP    | 4.7K   | 5%    | 1/16W | R2250    | 1-218-990-81 | SHORT CHIP  |        |       |       |
| R2169    | 1-218-973-11 | RES-CHIP    | 47K    | 5%    | 1/16W | R2251    | 1-218-953-11 | RES-CHIP    | 1K     | 5%    | 1/16W |
| R2170    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W | R2252    | 1-218-961-11 | RES-CHIP    | 4.7K   | 5%    | 1/16W |
| R2171    | 1-218-961-11 | RES-CHIP    | 4.7K   | 5%    | 1/16W | R2253    | 1-218-990-81 | SHORT CHIP  |        |       |       |
| R2176    | 1-218-973-11 | RES-CHIP    | 47K    | 5%    | 1/16W | R2254    | 1-218-990-81 | SHORT CHIP  |        |       |       |
| R2177    | 1-218-977-11 | RES-CHIP    | 100K   | 5%    | 1/16W | R2257    | 1-218-982-11 | RES-CHIP    | 270K   | 5%    | 1/16W |
| R2178    | 1-218-977-11 | RES-CHIP    | 100K   | 5%    | 1/16W | R2258    | 1-218-982-11 | RES-CHIP    | 270K   | 5%    | 1/16W |
| R2179    | 1-218-977-11 | RES-CHIP    | 100K   | 5%    | 1/16W | R2259    | 1-218-982-11 | RES-CHIP    | 270K   | 5%    | 1/16W |
| R2180    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W | R2260    | 1-218-982-11 | RES-CHIP    | 270K   | 5%    | 1/16W |
| R2181    | 1-218-977-11 | RES-CHIP    | 100K   | 5%    | 1/16W | R2261    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W |
| R2184    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W | R2262    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W |
| R2185    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W | R2263    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W |
| R2186    | 1-216-813-11 | METAL CHIP  | 220    | 5%    | 1/10W | R2264    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W |
| R2187    | 1-216-813-11 | METAL CHIP  | 220    | 5%    | 1/10W | R2265    | 1-218-950-11 | RES-CHIP    | 560    | 5%    | 1/16W |
| R2198    | 1-218-963-11 | RES-CHIP    | 6.8K   | 5%    | 1/16W | R2266    | 1-218-950-11 | RES-CHIP    | 560    | 5%    | 1/16W |
| R2199    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W | R2267    | 1-218-950-11 | RES-CHIP    | 560    | 5%    | 1/16W |
| R2200    | 1-218-977-11 | RES-CHIP    | 100K   | 5%    | 1/16W | R2268    | 1-218-950-11 | RES-CHIP    | 560    | 5%    | 1/16W |
| R2201    | 1-218-990-81 | SHORT CHIP  |        |       |       | R2269    | 1-218-941-81 | RES-CHIP    | 100    | 5%    | 1/16W |



| REF. NO. | PART NO.     | DESCRIPTION | VALUES |       |       | REF. NO. | PART NO.     | DESCRIPTION | VALUES |       |       |
|----------|--------------|-------------|--------|-------|-------|----------|--------------|-------------|--------|-------|-------|
| R2270    | 1-218-941-81 | RES-CHIP    | 100    | 5%    | 1/16W | R3527    | 1-218-941-81 | RES-CHIP    | 100    | 5%    | 1/16W |
| R2271    | 1-218-941-81 | RES-CHIP    | 100    | 5%    | 1/16W | R3528    | 1-218-990-81 | SHORT CHIP  |        |       |       |
| R2272    | 1-218-941-81 | RES-CHIP    | 100    | 5%    | 1/16W | R3533    | 1-216-864-11 | SHORT CHIP  |        |       |       |
| R2273    | 1-218-973-11 | RES-CHIP    | 47K    | 5%    | 1/16W | R3534    | 1-216-864-11 | SHORT CHIP  |        |       |       |
| R2274    | 1-218-973-11 | RES-CHIP    | 47K    | 5%    | 1/16W | R3539    | 1-218-990-81 | SHORT CHIP  |        |       |       |
| R2275    | 1-218-973-11 | RES-CHIP    | 47K    | 5%    | 1/16W | R3541    | 1-218-990-81 | SHORT CHIP  |        |       |       |
| R2276    | 1-218-973-11 | RES-CHIP    | 47K    | 5%    | 1/16W | R4002    | 1-218-977-11 | RES-CHIP    | 100K   | 5%    | 1/16W |
| R2277    | 1-218-990-81 | SHORT CHIP  |        |       |       | R4006    | 1-218-977-11 | RES-CHIP    | 100K   | 5%    | 1/16W |
| R2278    | 1-218-990-81 | SHORT CHIP  |        |       |       | R4007    | 1-218-979-11 | RES-CHIP    | 150K   | 5%    | 1/16W |
| R2281    | 1-208-695-11 | METAL CHIP  | 3.3K   | 0.50% | 1/16W | R4008    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W |
| R2282    | 1-208-935-11 | METAL CHIP  | 100K   | 0.50% | 1/16W | R4013    | 1-218-977-11 | RES-CHIP    | 100K   | 5%    | 1/16W |
| R2283    | 1-218-990-81 | SHORT CHIP  |        |       |       | R4042    | 1-218-977-11 | RES-CHIP    | 100K   | 5%    | 1/16W |
| R3010    | 1-218-990-81 | SHORT CHIP  |        |       |       | R4043    | 1-218-979-11 | RES-CHIP    | 150K   | 5%    | 1/16W |
| R3031    | 1-208-931-11 | METAL CHIP  | 68K    | 0.50% | 1/16W | R4045    | 1-216-864-11 | SHORT CHIP  |        |       |       |
| R3034    | 1-208-703-11 | METAL CHIP  | 6.8K   | 0.50% | 1/16W | R4047    | 1-216-825-11 | METAL CHIP  | 2.2K   | 5%    | 1/10W |
| R3037    | 1-208-711-11 | METAL CHIP  | 15K    | 0.50% | 1/16W | R4048    | 1-218-839-11 | METAL CHIP  | 470    | 0.50% | 1/10W |
| R3073    | 1-218-990-81 | SHORT CHIP  |        |       |       | R4050    | 1-218-971-11 | RES-CHIP    | 33K    | 5%    | 1/16W |
| R3087    | 1-218-990-81 | SHORT CHIP  |        |       |       | R4058    | 1-216-833-11 | METAL CHIP  | 10K    | 5%    | 1/10W |
| R3101    | 1-218-959-11 | RES-CHIP    | 3.3K   | 5%    | 1/16W | R4060    | 1-216-833-11 | METAL CHIP  | 10K    | 5%    | 1/10W |
| R3146    | 1-218-941-81 | RES-CHIP    | 100    | 5%    | 1/16W | R4061    | 1-218-983-11 | RES-CHIP    | 330K   | 5%    | 1/16W |
| R3180    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W | R4063    | 1-218-963-11 | RES-CHIP    | 6.8K   | 5%    | 1/16W |
| R3190    | 1-208-886-81 | METAL CHIP  | 910    | 0.50% | 1/16W | R4064    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W |
| R3201    | 1-218-990-81 | SHORT CHIP  |        |       |       | R4065    | 1-218-971-11 | RES-CHIP    | 33K    | 5%    | 1/16W |
| R3218    | 1-218-961-11 | RES-CHIP    | 4.7K   | 5%    | 1/16W | R4067    | 1-218-990-81 | SHORT CHIP  |        |       |       |
| R3223    | 1-218-945-11 | RES-CHIP    | 220    | 5%    | 1/16W | R4545    | 1-218-665-11 | METAL CHIP  | 75     | 0.50% | 1/10W |
| R3243    | 1-218-941-81 | RES-CHIP    | 100    | 5%    | 1/16W | R4546    | 1-218-665-11 | METAL CHIP  | 75     | 0.50% | 1/10W |
| R3247    | 1-218-990-81 | SHORT CHIP  |        |       |       | R4547    | 1-218-665-11 | METAL CHIP  | 75     | 0.50% | 1/10W |
| R3249    | 1-218-935-11 | RES-CHIP    | 33     | 5%    | 1/16W | R4551    | 1-216-864-11 | SHORT CHIP  |        |       |       |
| R3255    | 1-400-591-22 | FERRITE     | 0μH    |       |       | R4552    | 1-216-823-11 | METAL CHIP  | 1.5K   | 5%    | 1/10W |
| R3256    | 1-400-591-22 | FERRITE     | 0μH    |       |       | R4553    | 1-218-289-11 | METAL CHIP  | 510    | 5%    | 1/10W |
| R3257    | 1-400-591-22 | FERRITE     | 0μH    |       |       | R4554    | 1-216-833-11 | METAL CHIP  | 10K    | 5%    | 1/10W |
| R3258    | 1-400-591-22 | FERRITE     | 0μH    |       |       | R4555    | 1-216-833-11 | METAL CHIP  | 10K    | 5%    | 1/10W |
| R3260    | 1-400-591-22 | FERRITE     | 0μH    |       |       | R4556    | 1-216-801-11 | METAL CHIP  | 22     | 5%    | 1/10W |
| R3261    | 1-400-591-22 | FERRITE     | 0μH    |       |       | R4557    | 1-216-801-11 | METAL CHIP  | 22     | 5%    | 1/10W |
| R3262    | 1-400-591-22 | FERRITE     | 0μH    |       |       | R4558    | 1-216-801-11 | METAL CHIP  | 22     | 5%    | 1/10W |
| R3264    | 1-400-591-22 | FERRITE     | 0μH    |       |       | R4559    | 1-216-801-11 | METAL CHIP  | 22     | 5%    | 1/10W |
| R3265    | 1-400-591-22 | FERRITE     | 0μH    |       |       | R4560    | 1-218-969-11 | RES-CHIP    | 22K    | 5%    | 1/16W |
| R3267    | 1-216-864-11 | SHORT CHIP  |        |       |       | R4561    | 1-218-969-11 | RES-CHIP    | 22K    | 5%    | 1/16W |
| R3270    | 1-218-941-81 | RES-CHIP    | 100    | 5%    | 1/16W | R4562    | 1-218-969-11 | RES-CHIP    | 22K    | 5%    | 1/16W |
| R3515    | 1-216-833-11 | METAL CHIP  | 10K    | 5%    | 1/10W | R4563    | 1-218-969-11 | RES-CHIP    | 22K    | 5%    | 1/16W |
| R3516    | 1-216-809-11 | METAL CHIP  | 100    | 5%    | 1/10W | R4564    | 1-218-969-11 | RES-CHIP    | 22K    | 5%    | 1/16W |
| R3517    | 1-218-989-11 | RES-CHIP    | 1M     | 5%    | 1/16W | R4565    | 1-218-969-11 | RES-CHIP    | 22K    | 5%    | 1/16W |
| R3519    | 1-216-809-11 | METAL CHIP  | 100    | 5%    | 1/10W | R4575    | 1-216-864-11 | SHORT CHIP  |        |       |       |
| R3524    | 1-218-990-81 | SHORT CHIP  |        |       |       | R4576    | 1-216-864-11 | SHORT CHIP  |        |       |       |
| R3526    | 1-216-864-11 | SHORT CHIP  |        |       |       | R4577    | 1-216-864-11 | SHORT CHIP  |        |       |       |



| REF. NO. | PART NO.     | DESCRIPTION | VALUES |       |       | REF. NO. | PART NO.     | DESCRIPTION | VALUES |       |       |
|----------|--------------|-------------|--------|-------|-------|----------|--------------|-------------|--------|-------|-------|
| R4578    | 1-208-675-11 | METAL CHIP  | 470    | 0.50% | 1/16W | R7001    | 1-216-815-11 | METAL CHIP  | 330    | 5%    | 1/10W |
| R4579    | 1-208-675-11 | METAL CHIP  | 470    | 0.50% | 1/16W | R7002    | 1-216-821-11 | METAL CHIP  | 1K     | 5%    | 1/10W |
| R4580    | 1-208-675-11 | METAL CHIP  | 470    | 0.50% | 1/16W | R7003    | 1-216-821-11 | METAL CHIP  | 1K     | 5%    | 1/10W |
| R5012    | 1-218-827-11 | METAL CHIP  | 150    | 0.50% | 1/10W | R7004    | 1-216-841-11 | METAL CHIP  | 47K    | 5%    | 1/10W |
| R5013    | 1-218-827-11 | METAL CHIP  | 150    | 0.50% | 1/10W | R7005    | 1-218-867-11 | METAL CHIP  | 6.8K   | 0.50% | 1/10W |
| R5014    | 1-218-827-11 | METAL CHIP  | 150    | 0.50% | 1/10W | R7006    | 1-218-861-11 | METAL CHIP  | 3.9K   | 0.50% | 1/10W |
| R5015    | 1-218-827-11 | METAL CHIP  | 150    | 0.50% | 1/10W | R7007    | 1-218-847-11 | METAL CHIP  | 1K     | 0.50% | 1/10W |
| R5016    | 1-218-953-11 | RES-CHIP    | 1K     | 5%    | 1/16W | R7008    | 1-218-873-11 | METAL CHIP  | 12K    | 0.50% | 1/10W |
| R5017    | 1-218-827-11 | METAL CHIP  | 150    | 0.50% | 1/10W | R7009    | 1-218-891-11 | METAL CHIP  | 68K    | 0.50% | 1/10W |
| R5018    | 1-218-827-11 | METAL CHIP  | 150    | 0.50% | 1/10W | R7010    | 1-218-911-11 | METAL CHIP  | 470K   | 0.50% | 1/10W |
| R5019    | 1-218-977-11 | RES-CHIP    | 100K   | 5%    | 1/16W | R7012    | 1-216-295-91 | SHORT CHIP  |        |       |       |
| R5029    | 1-218-933-11 | RES-CHIP    | 22     | 5%    | 1/16W | R7016    | 1-216-295-91 | SHORT CHIP  |        |       |       |
| R5030    | 1-218-933-11 | RES-CHIP    | 22     | 5%    | 1/16W | R7017    | 1-469-553-21 | INDUCTOR    | 4.7μH  |       |       |
| R5501    | 1-218-929-11 | RES-CHIP    | 10     | 5%    | 1/16W | R7018    | 1-208-935-11 | METAL CHIP  | 100K   | 0.50% | 1/16W |
| R5504    | 1-208-683-11 | METAL CHIP  | 1K     | 0.50% | 1/16W | R7019    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W |
| R5505    | 1-218-929-11 | RES-CHIP    | 10     | 5%    | 1/16W | R7020    | 1-218-990-81 | SHORT CHIP  |        |       |       |
| R5512    | 1-208-683-11 | METAL CHIP  | 1K     | 0.50% | 1/16W | R7021    | 1-218-990-81 | SHORT CHIP  |        |       |       |
| R5513    | 1-218-941-81 | RES-CHIP    | 100    | 5%    | 1/16W | R7022    | 1-216-820-11 | METAL CHIP  | 820    | 5%    | 1/10W |
| R5514    | 1-218-941-81 | RES-CHIP    | 100    | 5%    | 1/16W | R7023    | 1-216-819-11 | METAL CHIP  | 680    | 5%    | 1/10W |
| R5519    | 1-218-961-11 | RES-CHIP    | 4.7K   | 5%    | 1/16W | R7024    | 1-218-941-81 | RES-CHIP    | 100    | 5%    | 1/16W |
| R5521    | 1-218-973-11 | RES-CHIP    | 47K    | 5%    | 1/16W | R7025    | 1-208-936-11 | METAL CHIP  | 110K   | 0.50% | 1/16W |
| R5525    | 1-218-973-11 | RES-CHIP    | 47K    | 5%    | 1/16W | R7026    | 1-208-935-11 | METAL CHIP  | 100K   | 0.50% | 1/16W |
| R5527    | 1-218-941-81 | RES-CHIP    | 100    | 5%    | 1/16W | R7027    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W |
| R5528    | 1-218-941-81 | RES-CHIP    | 100    | 5%    | 1/16W | R7028    | 1-208-956-81 | METAL CHIP  | 750K   | 0.50% | 1/16W |
| R5529    | 1-218-973-11 | RES-CHIP    | 47K    | 5%    | 1/16W | R7029    | 1-218-990-81 | SHORT CHIP  |        |       |       |
| R5530    | 1-218-941-81 | RES-CHIP    | 100    | 5%    | 1/16W | R7030    | 1-218-961-11 | RES-CHIP    | 4.7K   | 5%    | 1/16W |
| R5534    | 1-218-961-11 | RES-CHIP    | 4.7K   | 5%    | 1/16W | R7032    | 1-218-990-81 | SHORT CHIP  |        |       |       |
| R5535    | 1-218-973-11 | RES-CHIP    | 47K    | 5%    | 1/16W | R7034    | 1-218-977-11 | RES-CHIP    | 100K   | 5%    | 1/16W |
| R5536    | 1-218-973-11 | RES-CHIP    | 47K    | 5%    | 1/16W | R7035    | 1-208-695-11 | METAL CHIP  | 3.3K   | 0.50% | 1/16W |
| R5538    | 1-218-973-11 | RES-CHIP    | 47K    | 5%    | 1/16W | R7036    | 1-218-982-11 | RES-CHIP    | 270K   | 5%    | 1/16W |
| R5539    | 1-218-990-81 | SHORT CHIP  |        |       |       | R7037    | 1-208-687-11 | METAL CHIP  | 1.5K   | 0.50% | 1/16W |
| R5543    | 1-218-941-81 | RES-CHIP    | 100    | 5%    | 1/16W | R7038    | 1-208-923-11 | METAL CHIP  | 33K    | 0.50% | 1/16W |
| R5557    | 1-218-990-81 | SHORT CHIP  |        |       |       | R7039    | 1-208-923-11 | METAL CHIP  | 33K    | 0.50% | 1/16W |
| R5580    | 1-216-295-91 | SHORT CHIP  |        |       |       | R7040    | 1-208-923-11 | METAL CHIP  | 33K    | 0.50% | 1/16W |
| R5622    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W | R7041    | 1-208-927-11 | METAL CHIP  | 47K    | 0.50% | 1/16W |
| R5637    | 1-218-990-81 | SHORT CHIP  |        |       |       | R7042    | 1-218-982-11 | RES-CHIP    | 270K   | 5%    | 1/16W |
| R5638    | 1-218-990-81 | SHORT CHIP  |        |       |       | R7043    | 1-208-923-11 | METAL CHIP  | 33K    | 0.50% | 1/16W |
| R5642    | 1-216-864-11 | SHORT CHIP  |        |       |       | R7044    | 1-208-929-81 | METAL CHIP  | 56K    | 0.50% | 1/16W |
| R5644    | 1-218-961-11 | RES-CHIP    | 4.7K   | 5%    | 1/16W | R7045    | 1-208-923-11 | METAL CHIP  | 33K    | 0.50% | 1/16W |
| R5645    | 1-218-961-11 | RES-CHIP    | 4.7K   | 5%    | 1/16W | R7046    | 1-208-923-11 | METAL CHIP  | 33K    | 0.50% | 1/16W |
| R5648    | 1-216-864-11 | SHORT CHIP  |        |       |       | R7047    | 1-208-691-11 | METAL CHIP  | 2.2K   | 0.50% | 1/16W |
| R5658    | 1-218-961-11 | RES-CHIP    | 4.7K   | 5%    | 1/16W | R7048    | 1-218-941-81 | RES-CHIP    | 100    | 5%    | 1/16W |
| R5660    | 1-218-990-81 | SHORT CHIP  |        |       |       | R7049    | 1-208-691-11 | METAL CHIP  | 2.2K   | 0.50% | 1/16W |
| R5671    | 1-218-941-81 | RES-CHIP    | 100    | 5%    | 1/16W | R7050    | 1-218-941-81 | RES-CHIP    | 100    | 5%    | 1/16W |
| R7000    | 1-216-821-11 | METAL CHIP  | 1K     | 5%    | 1/10W | R7051    | 1-218-941-81 | RES-CHIP    | 100    | 5%    | 1/16W |





| REF. NO. | PART NO.     | DESCRIPTION | VALUES |       |       | REF. NO. | PART NO.     | DESCRIPTION | VALUES |       |       |
|----------|--------------|-------------|--------|-------|-------|----------|--------------|-------------|--------|-------|-------|
| R7052    | 1-208-691-11 | METAL CHIP  | 2.2K   | 0.50% | 1/16W | R7334    | 1-216-864-11 | SHORT CHIP  |        |       |       |
| R7053    | 1-218-941-81 | RES-CHIP    | 100    | 5%    | 1/16W | R7335    | 1-216-864-11 | SHORT CHIP  |        |       |       |
| R7054    | 1-208-691-11 | METAL CHIP  | 2.2K   | 0.50% | 1/16W | R7337    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W |
| R7055    | 1-208-935-11 | METAL CHIP  | 100K   | 0.50% | 1/16W | R7400    | 1-208-911-11 | METAL CHIP  | 10K    | 0.50% | 1/16W |
| R7056    | 1-208-935-11 | METAL CHIP  | 100K   | 0.50% | 1/16W | R7401    | 1-208-855-81 | METAL CHIP  | 47     | 0.50% | 1/16W |
| R7057    | 1-208-935-11 | METAL CHIP  | 100K   | 0.50% | 1/16W | R7402    | 1-208-683-11 | METAL CHIP  | 1K     | 0.50% | 1/16W |
| R7058    | 1-208-935-11 | METAL CHIP  | 100K   | 0.50% | 1/16W | R7403    | 1-208-683-11 | METAL CHIP  | 1K     | 0.50% | 1/16W |
| R7059    | 1-218-937-11 | RES-CHIP    | 47     | 5%    | 1/16W | R7404    | 1-208-683-11 | METAL CHIP  | 1K     | 0.50% | 1/16W |
| R7060    | 1-218-937-11 | RES-CHIP    | 47     | 5%    | 1/16W | R7405    | 1-208-683-11 | METAL CHIP  | 1K     | 0.50% | 1/16W |
| R7061    | 1-218-937-11 | RES-CHIP    | 47     | 5%    | 1/16W | R7406    | 1-208-683-11 | METAL CHIP  | 1K     | 0.50% | 1/16W |
| R7062    | 1-218-937-11 | RES-CHIP    | 47     | 5%    | 1/16W | R7407    | 1-208-683-11 | METAL CHIP  | 1K     | 0.50% | 1/16W |
| R7063    | 1-216-864-11 | SHORT CHIP  |        |       |       | R7408    | 1-208-683-11 | METAL CHIP  | 1K     | 0.50% | 1/16W |
| R7064    | 1-216-864-11 | SHORT CHIP  |        |       |       | R7501    | 1-218-957-11 | RES-CHIP    | 2.2K   | 5%    | 1/16W |
| R7065    | 1-208-911-11 | METAL CHIP  | 10K    | 0.50% | 1/16W | R7502    | 1-218-990-81 | SHORT CHIP  |        |       |       |
| R7066    | 1-208-709-11 | METAL CHIP  | 12K    | 0.50% | 1/16W | R7505    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W |
| R7067    | 1-208-911-11 | METAL CHIP  | 10K    | 0.50% | 1/16W | R7506    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W |
| R7068    | 1-208-911-11 | METAL CHIP  | 10K    | 0.50% | 1/16W | R7508    | 1-218-977-11 | RES-CHIP    | 100K   | 5%    | 1/16W |
| R7069    | 1-216-295-91 | SHORT CHIP  |        |       |       | R7509    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W |
| R7070    | 1-216-295-91 | SHORT CHIP  |        |       |       | R7511    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W |
| R7071    | 1-216-791-11 | METAL CHIP  | 3.3    | 5%    | 1/10W | R7513    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W |
| R7072    | 1-216-791-11 | METAL CHIP  | 3.3    | 5%    | 1/10W | R7517    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W |
| R7073    | 1-216-791-11 | METAL CHIP  | 3.3    | 5%    | 1/10W | R7521    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W |
| R7074    | 1-216-791-11 | METAL CHIP  | 3.3    | 5%    | 1/10W | R7526    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W |
| R7079    | 1-216-295-91 | SHORT CHIP  |        |       |       | R7528    | 1-218-953-11 | RES-CHIP    | 1K     | 5%    | 1/16W |
| R7080    | 1-216-295-91 | SHORT CHIP  |        |       |       | R7529    | 1-218-977-11 | RES-CHIP    | 100K   | 5%    | 1/16W |
| R7081    | 1-216-295-91 | SHORT CHIP  |        |       |       | R7532    | 1-218-990-81 | SHORT CHIP  |        |       |       |
| R7082    | 1-216-295-91 | SHORT CHIP  |        |       |       | R7533    | 1-218-446-11 | METAL CHIP  | 1      | 5%    | 1/10W |
| R7089    | 1-216-295-91 | SHORT CHIP  |        |       |       | R7535    | 1-218-990-81 | SHORT CHIP  |        |       |       |
| R7092    | 1-218-990-81 | SHORT CHIP  |        |       |       | R7541    | 1-218-990-81 | SHORT CHIP  |        |       |       |
| R7200    | 1-218-989-11 | RES-CHIP    | 1M     | 5%    | 1/16W | R7542    | 1-218-990-81 | SHORT CHIP  |        |       |       |
| R7201    | 1-216-793-11 | METAL CHIP  | 4.7    | 5%    | 1/10W | R7544    | 1-218-990-81 | SHORT CHIP  |        |       |       |
| R7202    | 1-218-990-81 | SHORT CHIP  |        |       |       | R7607    | 1-218-933-11 | RES-CHIP    | 22     | 5%    | 1/16W |
| R7203    | 1-218-941-81 | RES-CHIP    | 100    | 5%    | 1/16W | R7608    | 1-218-973-11 | RES-CHIP    | 47K    | 5%    | 1/16W |
| R7301    | 1-216-864-11 | SHORT CHIP  |        |       |       | R7609    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W |
| R7302    | 1-216-864-11 | SHORT CHIP  |        |       |       | R7610    | 1-218-953-11 | RES-CHIP    | 1K     | 5%    | 1/16W |
| R7307    | 1-218-965-11 | RES-CHIP    | 10K    | 5%    | 1/16W | R7611    | 1-218-933-11 | RES-CHIP    | 22     | 5%    | 1/16W |
| R7317    | 1-216-793-11 | METAL CHIP  | 4.7    | 5%    | 1/10W | R7703    | 1-218-990-81 | SHORT CHIP  |        |       |       |
| R7318    | 1-216-793-11 | METAL CHIP  | 4.7    | 5%    | 1/10W | R7705    | 1-218-941-81 | RES-CHIP    | 100    | 5%    | 1/16W |
| R7327    | 1-218-977-11 | RES-CHIP    | 100K   | 5%    | 1/16W | R7706    | 1-218-935-11 | RES-CHIP    | 33     | 5%    | 1/16W |
| R7328    | 1-218-959-11 | RES-CHIP    | 3.3K   | 5%    | 1/16W | R7710    | 1-218-935-11 | RES-CHIP    | 33     | 5%    | 1/16W |
| R7329    | 1-216-835-11 | METAL CHIP  | 15K    | 5%    | 1/10W | R7712    | 1-218-935-11 | RES-CHIP    | 33     | 5%    | 1/16W |
| R7330    | 1-218-959-11 | RES-CHIP    | 3.3K   | 5%    | 1/16W | R7714    | 1-218-953-11 | RES-CHIP    | 1K     | 5%    | 1/16W |
| R7331    | 1-216-835-11 | METAL CHIP  | 15K    | 5%    | 1/10W | R7715    | 1-218-953-11 | RES-CHIP    | 1K     | 5%    | 1/16W |
| R7332    | 1-216-835-11 | METAL CHIP  | 15K    | 5%    | 1/10W | R7716    | 1-218-935-11 | RES-CHIP    | 33     | 5%    | 1/16W |
| R7333    | 1-216-835-11 | METAL CHIP  | 15K    | 5%    | 1/10W | R7717    | 1-218-935-11 | RES-CHIP    | 33     | 5%    | 1/16W |



| REF. NO.               | PART NO.     | DESCRIPTION           | VALUES |       |          | REF. NO. | PART NO.     | DESCRIPTION           | VALUES |    |          |
|------------------------|--------------|-----------------------|--------|-------|----------|----------|--------------|-----------------------|--------|----|----------|
| R7800                  | 1-218-953-11 | RES-CHIP              | 1K     | 5%    | 1/16W    | R9111    | 1-216-821-11 | METAL CHIP            | 1K     | 5% | 1/10W    |
| R7808                  | 1-218-949-11 | RES-CHIP              | 470    | 5%    | 1/16W    | R9117    | 1-216-864-11 | SHORT CHIP            |        |    |          |
| R7814                  | 1-218-941-81 | RES-CHIP              | 100    | 5%    | 1/16W    | R9139    | 1-216-803-11 | METAL CHIP            | 33     | 5% | 1/10W    |
| R7819                  | 1-218-941-81 | RES-CHIP              | 100    | 5%    | 1/16W    | R9146    | 1-216-864-11 | SHORT CHIP            |        |    |          |
| R7821                  | 1-218-969-11 | RES-CHIP              | 22K    | 5%    | 1/16W    | R9153    | 1-216-864-11 | SHORT CHIP            |        |    |          |
| R7822                  | 1-218-969-11 | RES-CHIP              | 22K    | 5%    | 1/16W    | R9154    | 1-216-864-11 | SHORT CHIP            |        |    |          |
| R7829                  | 1-218-961-11 | RES-CHIP              | 4.7K   | 5%    | 1/16W    | R9159    | 1-216-845-11 | METAL CHIP            | 100K   | 5% | 1/10W    |
| R7831                  | 1-218-989-11 | RES-CHIP              | 1M     | 5%    | 1/16W    | R9163    | 1-216-821-11 | METAL CHIP            | 1K     | 5% | 1/10W    |
| R7834                  | 1-218-957-11 | RES-CHIP              | 2.2K   | 5%    | 1/16W    | R9165    | 1-216-821-11 | METAL CHIP            | 1K     | 5% | 1/10W    |
| R7836                  | 1-218-990-81 | SHORT CHIP            |        |       |          | R9166    | 1-216-833-11 | METAL CHIP            | 10K    | 5% | 1/10W    |
| R7838                  | 1-218-958-11 | RES-CHIP              | 2.7K   | 5%    | 1/16W    | R9167    | 1-216-821-11 | METAL CHIP            | 1K     | 5% | 1/10W    |
| R7839                  | 1-208-697-11 | METAL CHIP            | 3.9K   | 0.50% | 1/16W    | R9169    | 1-216-821-11 | METAL CHIP            | 1K     | 5% | 1/10W    |
| R7840                  | 1-218-953-11 | RES-CHIP              | 1K     | 5%    | 1/16W    | R9177    | 1-218-990-81 | SHORT CHIP            |        |    |          |
| R7842                  | 1-218-953-11 | RES-CHIP              | 1K     | 5%    | 1/16W    | R9178    | 1-218-990-81 | SHORT CHIP            |        |    |          |
| R7843                  | 1-208-663-11 | METAL CHIP            | 150    | 0.50% | 1/16W    | R9179    | 1-218-941-81 | RES-CHIP              | 100    | 5% | 1/16W    |
| R7844                  | 1-208-893-11 | METAL CHIP            | 1.8K   | 0.50% | 1/16W    | R9184    | 1-218-990-81 | SHORT CHIP            |        |    |          |
| R7845                  | 1-218-965-11 | RES-CHIP              | 10K    | 5%    | 1/16W    | R9185    | 1-218-990-81 | SHORT CHIP            |        |    |          |
| R7847                  | 1-218-941-11 | RES-CHIP              | 100    | 5%    | 1/16W    | R9186    | 1-216-864-11 | SHORT CHIP            |        |    |          |
| R7848                  | 1-218-989-11 | RES-CHIP              | 1M     | 5%    | 1/16W    | R9187    | 1-216-864-11 | SHORT CHIP            |        |    |          |
| R7849                  | 1-208-715-11 | METAL CHIP            | 22K    | 0.50% | 1/16W    | R9190    | 1-216-864-11 | SHORT CHIP            |        |    |          |
| R7851                  | 1-218-959-11 | RES-CHIP              | 3.3K   | 5%    | 1/16W    | R9193    | 1-216-864-11 | SHORT CHIP            |        |    |          |
| R7852                  | 1-218-978-11 | RES-CHIP              | 120K   | 5%    | 1/16W    | R9196    | 1-218-990-81 | SHORT CHIP            |        |    |          |
| R7853                  | 1-218-965-11 | RES-CHIP              | 10K    | 5%    | 1/16W    |          |              |                       |        |    |          |
| R7868                  | 1-208-893-11 | METAL CHIP            | 1.8K   | 0.50% | 1/16W    |          |              |                       |        |    |          |
| R7869                  | 1-218-941-81 | RES-CHIP              | 100    | 5%    | 1/16W    |          |              |                       |        |    |          |
| R7964                  | 1-218-969-11 | RES-CHIP              | 22K    | 5%    | 1/16W    |          |              |                       |        |    |          |
| R7965                  | 1-208-928-11 | METAL CHIP            | 51K    | 0.50% | 1/16W    |          |              |                       |        |    |          |
| R7967                  | 1-218-941-81 | RES-CHIP              | 100    | 5%    | 1/16W    |          |              |                       |        |    |          |
| R7969                  | 1-208-928-11 | METAL CHIP            | 51K    | 0.50% | 1/16W    |          |              |                       |        |    |          |
| R7970                  | 1-218-969-11 | RES-CHIP              | 22K    | 5%    | 1/16W    |          |              |                       |        |    |          |
| R7971                  | 1-218-941-81 | RES-CHIP              | 100    | 5%    | 1/16W    |          |              |                       |        |    |          |
| R7972                  | 1-218-959-11 | RES-CHIP              | 3.3K   | 5%    | 1/16W    |          |              |                       |        |    |          |
| R7973                  | 1-218-959-11 | RES-CHIP              | 3.3K   | 5%    | 1/16W    |          |              |                       |        |    |          |
| R7974                  | 1-218-941-81 | RES-CHIP              | 100    | 5%    | 1/16W    |          |              |                       |        |    |          |
| R7975                  | 1-218-941-81 | RES-CHIP              | 100    | 5%    | 1/16W    |          |              |                       |        |    |          |
| R7976                  | 1-208-871-81 | METAL CHIP            | 220    | 0.50% | 1/16W    |          |              |                       |        |    |          |
| R7977                  | 1-218-831-11 | METAL CHIP            | 220    | 0.50% | 1/10W    |          |              |                       |        |    |          |
| R7979                  | 1-218-831-11 | METAL CHIP            | 220    | 0.50% | 1/10W    |          |              |                       |        |    |          |
| R7982                  | 1-218-827-11 | METAL CHIP            | 150    | 0.50% | 1/10W    |          |              |                       |        |    |          |
| R7983                  | 1-218-831-11 | METAL CHIP            | 220    | 0.50% | 1/10W    |          |              |                       |        |    |          |
| R7984                  | 1-218-831-11 | METAL CHIP            | 220    | 0.50% | 1/10W    |          |              |                       |        |    |          |
| R7987                  | 1-218-831-11 | METAL CHIP            | 220    | 0.50% | 1/10W    |          |              |                       |        |    |          |
| R7988                  | 1-218-831-11 | METAL CHIP            | 220    | 0.50% | 1/10W    |          |              |                       |        |    |          |
| R9109                  | 1-216-833-11 | METAL CHIP            | 10K    | 5%    | 1/10W    |          |              |                       |        |    |          |
| R9110                  | 1-216-801-11 | METAL CHIP            | 22     | 5%    | 1/10W    |          |              |                       |        |    |          |
| <b>RESISTOR BRIDGE</b> |              |                       |        |       |          |          |              |                       |        |    |          |
| RB002                  | 1-234-106-81 | RES, NETWORK 0        |        |       |          | RB1001   | 1-234-106-81 | RES, NETWORK 0        |        |    |          |
| RB1001                 | 1-234-106-81 | RES, NETWORK 0        |        |       |          | RB1002   | 1-234-106-81 | RES, NETWORK 0        |        |    |          |
| RB1002                 | 1-234-106-81 | RES, NETWORK 0        |        |       |          | RB1003   | 1-234-106-81 | RES, NETWORK 0        |        |    |          |
| RB1003                 | 1-234-106-81 | RES, NETWORK 0        |        |       |          | RB1004   | 1-234-106-81 | RES, NETWORK 0        |        |    |          |
| RB1004                 | 1-234-106-81 | RES, NETWORK 0        |        |       |          | RB1005   | 1-234-106-81 | RES, NETWORK 0        |        |    |          |
| RB1005                 | 1-234-106-81 | RES, NETWORK 0        |        |       |          | RB1006   | 1-234-106-81 | RES, NETWORK 0        |        |    |          |
| RB1006                 | 1-234-106-81 | RES, NETWORK 0        |        |       |          | RB1007   | 1-234-106-81 | RES, NETWORK 0        |        |    |          |
| RB1007                 | 1-234-106-81 | RES, NETWORK 0        |        |       |          | RB1008   | 1-234-106-81 | RES, NETWORK 0        |        |    |          |
| RB1008                 | 1-234-106-81 | RES, NETWORK 0        |        |       |          | RB1009   | 1-234-106-81 | RES, NETWORK 0        |        |    |          |
| RB1009                 | 1-234-106-81 | RES, NETWORK 0        |        |       |          | RB1010   | 1-234-106-81 | RES, NETWORK 0        |        |    |          |
| RB1010                 | 1-234-106-81 | RES, NETWORK 0        |        |       |          | RB1011   | 1-234-106-81 | RES, NETWORK 0        |        |    |          |
| RB2001                 | 1-234-381-21 | RES, NETWORK 100K     |        |       | (1005X4) | RB2002   | 1-234-380-21 | RES, NETWORK 47K      |        |    | (1005X4) |
| RB2002                 | 1-234-380-21 | RES, NETWORK 47K      |        |       | (1005X4) | RB2003   | 1-234-380-21 | RES, NETWORK 47K      |        |    | (1005X4) |
| RB2003                 | 1-234-380-21 | RES, NETWORK 47K      |        |       | (1005X4) | RB2004   | 1-239-674-81 | RESISTOR, NETWORK 100 |        |    |          |
| RB2004                 | 1-239-674-81 | RESISTOR, NETWORK 100 |        |       |          | RB2005   | 1-234-370-21 | RES, NETWORK 22       |        |    | (1005X4) |
| RB2005                 | 1-234-370-21 | RES, NETWORK 22       |        |       | (1005X4) | RB2006   | 1-234-370-21 | RES, NETWORK 22       |        |    | (1005X4) |
| RB2006                 | 1-234-370-21 | RES, NETWORK 22       |        |       | (1005X4) | RB3014   | 1-239-698-11 | RESISTOR, NETWORK 10K |        |    |          |
| RB3014                 | 1-239-698-11 | RESISTOR, NETWORK 10K |        |       |          | RB3015   | 1-239-670-81 | RESISTOR, NETWORK 47  |        |    |          |
| RB3015                 | 1-239-670-81 | RESISTOR, NETWORK 47  |        |       |          |          |              |                       |        |    |          |

**KDL-26M3000/26ML130/32M3000/32ML130**

**BM**

**G1M**

| REF. NO.                             | PART NO.     | DESCRIPTION               | VALUES   |     |      | REF. NO. | PART NO.     | DESCRIPTION  | VALUES  |     |      |
|--------------------------------------|--------------|---------------------------|----------|-----|------|----------|--------------|--------------|---------|-----|------|
| VD5520                               | 1-802-417-11 | SURGE ABSORBER            |          |     |      | C6131    | 1-115-412-11 | CERAMIC CHIP | 680pF   | 5%  | 25V  |
| VD5522                               | 1-802-417-11 | SURGE ABSORBER            |          |     |      | C6132    | 1-107-906-11 | ELECT        | 10μF    | 20% | 50V  |
| VD5523                               | 1-802-417-11 | SURGE ABSORBER            |          |     |      | C6133    | 1-100-597-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  |
| VD5524                               | 1-802-417-11 | SURGE ABSORBER            |          |     |      | C6134    | 1-107-907-11 | ELECT        | 22μF    | 20% | 50V  |
| VD5526                               | 1-802-417-11 | SURGE ABSORBER            |          |     |      | C6135    | 1-162-964-11 | CERAMIC CHIP | 0.001μF | 10% | 50V  |
| VD5527                               | 1-802-417-11 | SURGE ABSORBER            |          |     |      | C6136    | 1-163-021-91 | CERAMIC CHIP | 0.01μF  | 10% | 50V  |
| <b>CRYSTAL</b>                       |              |                           |          |     |      | C6137    | 1-107-910-11 | ELECT        | 100μF   | 20% | 50V  |
| X3009                                | 1-813-784-21 | VIBRATOR, CRYSTAL         |          |     |      | C6138    | 1-115-339-11 | CERAMIC CHIP | 0.1μF   | 10% | 50V  |
| X3010                                | 1-767-984-21 | VIBRATOR, CRYSTAL         |          |     |      | C6139    | 1-164-227-11 | CERAMIC CHIP | 0.022μF | 10% | 25V  |
| X7200                                | 1-813-761-21 | VIBRATOR, CRYSTAL         |          |     |      | C6142    | 1-104-962-91 | ELECT        | 47μF    | 20% | 35V  |
| X9100                                | 1-813-546-21 | QUARTZ CRISTAL OSCILLATOR |          |     |      | C6143    | 1-115-340-11 | CERAMIC CHIP | 0.22μF  | 10% | 25V  |
| <b>G1M</b>                           |              |                           |          |     |      | C6145    | 1-107-826-11 | CERAMIC CHIP | 0.1μF   | 10% | 16V  |
|                                      |              |                           |          |     |      | C6146    | 1-162-927-11 | CERAMIC CHIP | 100pF   | 5%  | 50V  |
|                                      |              |                           |          |     |      | C6147    | 1-107-905-11 | ELECT        | 4.7μF   | 20% | 50V  |
|                                      |              |                           |          |     |      | C6148    | 1-165-127-11 | CERAMIC      | 470pF   | 10% | 500V |
|                                      |              |                           |          |     |      | C6149    | 1-107-903-11 | ELECT        | 2.2μF   | 20% | 50V  |
|                                      |              |                           |          |     |      | C6151    | 1-165-127-11 | CERAMIC      | 470pF   | 10% | 500V |
|                                      |              |                           |          |     |      | C6152    | 1-137-807-31 | ELECT        | 100μF   | 20% | 50V  |
|                                      |              |                           |          |     |      | C6153    | 1-162-964-11 | CERAMIC CHIP | 0.001μF | 10% | 50V  |
|                                      |              |                           |          |     |      | C6158    | 1-162-970-11 | CERAMIC CHIP | 0.01μF  | 10% | 25V  |
|                                      |              |                           |          |     |      | C6160    | 1-163-021-91 | CERAMIC CHIP | 0.01μF  | 10% | 50V  |
| <b>A-1315-710-A</b>                  |              |                           |          |     |      | C6165    | 1-107-826-11 | CERAMIC CHIP | 0.1μF   | 10% | 16V  |
| <b>2-409-877-21</b>                  |              |                           |          |     |      | C6166    | 1-107-826-11 | CERAMIC CHIP | 0.1μF   | 10% | 16V  |
| <b>G1M BOARD, MOUNTED</b>            |              |                           |          |     |      | C6201    | 1-127-715-91 | CERAMIC CHIP | 0.22μF  | 10% | 16V  |
| <b>WASHER (3X10), RS TITE SPRING</b> |              |                           |          |     |      | C6202    | 1-112-208-21 | ELECT        | 470μF   | 20% | 6.3V |
| <b>CAPACITOR</b>                     |              |                           |          |     |      | C6203    | 1-164-227-11 | CERAMIC CHIP | 0.022μF | 10% | 25V  |
| C6101                                | 1-113-924-11 | CERAMIC                   | 0.0047μF | 20% | 250V | C6204    | 1-112-254-21 | ELECT        | 1000μF  | 20% | 35V  |
| C6102                                | 1-119-884-51 | CERAMIC                   | 100pF    | 10% | 250V | C6205    | 1-112-254-21 | ELECT        | 1000μF  | 20% | 35V  |
| C6103                                | 1-119-891-51 | CERAMIC                   | 220pF    | 10% | 250V | C6206    | 1-112-835-11 | ELECT        | 3300μF  | 20% | 25V  |
| C6104                                | 1-117-697-41 | CERAMIC                   | 470pF    | 10% | 250V | C6208    | 1-107-826-11 | CERAMIC CHIP | 0.1μF   | 10% | 16V  |
| C6105                                | 1-165-529-11 | MYLAR                     | 0.22μF   | 10  | 275V | C6210    | 1-127-573-11 | CERAMIC CHIP | 1μF     | 10% | 16V  |
| C6106                                | 1-165-529-11 | MYLAR                     | 0.22μF   | 10  | 275V | C6212    | 1-100-597-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  |
| C6107                                | 1-119-884-51 | CERAMIC                   | 100pF    | 10% | 250V | C6251    | 1-112-208-21 | ELECT        | 470μF   | 20% | 6.3V |
| C6108                                | 1-119-891-51 | CERAMIC                   | 220pF    | 10% | 250V | C6252    | 1-112-242-21 | ELECT        | 1500μF  | 20% | 25V  |
| C6109                                | 1-117-697-41 | CERAMIC                   | 470pF    | 10% | 250V | C6254    | 1-117-699-11 | CERAMIC      | 0.001μF | 99% | 250V |
| C6110                                | 1-113-924-11 | CERAMIC                   | 0.0047μF | 20% | 250V | C6255    | 1-137-198-81 | FILM         | 1μF     | 5%  | 50V  |
| C6111                                | 1-117-699-11 | CERAMIC                   | 0.001μF  | 99% | 250V | C6256    | 1-100-591-91 | CERAMIC CHIP | 1μF     | 10% | 25V  |
| C6112                                | 1-162-966-11 | CERAMIC CHIP              | 0.0022μF | 10% | 50V  | C6257    | 1-100-591-91 | CERAMIC CHIP | 1μF     | 10% | 25V  |
| C6114                                | 1-162-964-11 | CERAMIC CHIP              | 0.001μF  | 10% | 50V  | C6258    | 1-100-591-91 | CERAMIC CHIP | 1μF     | 10% | 25V  |
| C6115                                | 1-162-964-11 | CERAMIC CHIP              | 0.001μF  | 10% | 50V  | C6259    | 1-100-597-91 | CERAMIC CHIP | 0.1μF   | 10% | 25V  |
| C6117                                | 1-107-823-11 | CERAMIC CHIP              | 0.47μF   | 10% | 16V  | C6260    | 1-112-222-21 | ELECT        | 2200μF  | 20% | 10V  |
| C6119                                | 1-107-875-91 | ELECT                     | 220μF    | 20% | 10V  | C6261    | 1-112-222-21 | ELECT        | 2200μF  | 20% | 10V  |
| C6121                                | 1-115-339-11 | CERAMIC CHIP              | 0.1μF    | 10% | 50V  |          |              |              |         |     |      |
| C6122                                | 1-107-906-11 | ELECT                     | 10μF     | 20% | 50V  |          |              |              |         |     |      |
| C6123                                | 1-165-127-11 | CERAMIC                   | 470pF    | 10% | 500V |          |              |              |         |     |      |
| C6124                                | 1-165-127-11 | CERAMIC                   | 470pF    | 10% | 500V |          |              |              |         |     |      |
| C6125                                | 1-165-127-11 | CERAMIC                   | 470pF    | 10% | 500V |          |              |              |         |     |      |
| C6126                                | 1-165-127-11 | CERAMIC                   | 470pF    | 10% | 500V |          |              |              |         |     |      |
| C6127                                | 1-127-573-11 | CERAMIC CHIP              | 1μF      | 10% | 16V  |          |              |              |         |     |      |
| C6129                                | 1-162-970-11 | CERAMIC CHIP              | 0.01μF   | 10% | 25V  |          |              |              |         |     |      |
| C6130                                | 1-165-176-11 | CERAMIC CHIP              | 0.047μF  | 10% | 16V  |          |              |              |         |     |      |



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

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

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| REF. NO.         | PART NO. | DESCRIPTION  | VALUES                    | REF. NO.              | PART NO.     | DESCRIPTION            | VALUES             |
|------------------|----------|--------------|---------------------------|-----------------------|--------------|------------------------|--------------------|
| <b>CONNECTOR</b> |          |              |                           |                       |              |                        |                    |
|                  | CN6101   | 1-695-915-11 | TAB (CONTACT)             | D6205                 | 6-501-319-01 | DIODE                  | FCQ10A06           |
|                  | CN6102   | 1-580-843-11 | PIN, CONNECTOR (POWER)    | D6206                 | 6-500-555-01 | DIODE                  | MM3Z27VT1          |
| *                | CN6201   | 1-785-708-11 | PIN, CONNECTOR (PC BOARD) | D6209                 | 8-719-081-97 | DIODE                  | MMDL914T1          |
| *                | CN6202   | 1-793-236-11 | PIN, CONNECTOR (PC BOARD) |                       |              |                        |                    |
|                  |          |              | 12P                       | D6210                 | 8-719-082-03 | DIODE                  | MM3Z15VT1          |
|                  |          |              | 14P                       | D6211                 | 6-501-319-01 | DIODE                  | FCQ10A06           |
| <b>DIODE</b>     |          |              |                           | D6212                 | 8-719-312-10 | DIODE                  | RU4AM-T3           |
|                  | D6101    | 8-719-510-53 | DIODE                     | ET6101                | 1-537-770-21 | TERMINAL BOARD, GROUND |                    |
|                  | D6102    | 8-719-081-97 | DIODE                     | <b>IC</b>             |              |                        |                    |
|                  | D6103    | 6-500-567-01 | DIODE                     | IC6101                | 6-709-192-01 | IC                     | FA5501AN-D1-TE1    |
|                  | D6104    | 6-500-567-01 | DIODE                     | $\triangle$ IC6104    | 6-707-749-01 | IC                     | CXD9841P           |
|                  | D6105    | 8-719-081-97 | DIODE                     | $\triangle$ IC6105    | 6-708-801-01 | IC                     | MIP2H2             |
|                  | D6106    | 8-719-081-97 | DIODE                     | IC6201                | 6-709-155-01 | IC                     | TS3431BILT         |
|                  | D6107    | 8-719-027-76 | DIODE                     | IC6203                | 6-700-898-01 | IC                     | PQ05RD21J00H       |
|                  | D6108    | 8-719-081-97 | DIODE                     | <b>CHIP CONDUCTOR</b> |              |                        |                    |
|                  | D6109    | 8-719-054-59 | DIODE                     | JR6239                | 1-216-864-11 | SHORT CHIP             |                    |
|                  | D6110    | 8-719-976-99 | DIODE                     | <b>IC LINK</b>        |              |                        |                    |
|                  | D6111    | 8-719-081-97 | DIODE                     | PS6201                | 1-533-597-41 | IC LINK                | 5A 90V             |
|                  | D6112    | 6-500-335-01 | DIODE                     | $\triangle$ PS6202    | 1-533-597-41 | IC LINK                | 5A 90V             |
|                  | D6113    | 8-719-081-97 | DIODE                     | $\triangle$ PS6203    | 1-533-596-21 | IC LINK                | 4A 90V             |
|                  | D6114    | 8-719-081-97 | DIODE                     | <b>TRANSISTOR</b>     |              |                        |                    |
|                  | D6115    | 8-719-081-97 | DIODE                     |                       |              |                        |                    |
| $\triangle$      | D6116    | 6-501-906-01 | DIODE                     | Q6102                 | 8-729-141-48 | TRANSISTOR             | 2SB624-BV345       |
|                  | D6119    | 8-719-027-76 | DIODE                     | $\triangle$ Q6103     | 6-551-303-01 | TRANSISTOR             | 2SK3683-01MR-F111  |
|                  | D6120    | 6-500-448-11 | DIODE                     | Q6104                 | 8-729-045-62 | TRANSISTOR             | 2SK2158-T2B        |
| $\triangle$      | D6121    | 6-501-906-01 | DIODE                     | Q6105                 | 6-551-696-01 | TRANSISTOR             | ISA1235AC1TP-1EF   |
|                  | D6122    | 8-719-082-03 | DIODE                     | Q6106                 | 8-729-620-07 | TRANSISTOR             | 2SC3052EF-T1-LEF   |
|                  | D6127    | 8-719-056-83 | DIODE                     |                       |              |                        |                    |
|                  | D6128    | 8-719-081-97 | DIODE                     | Q6107                 | 8-729-920-79 | TRANSISTOR             | 2SB1132-T100-QR    |
|                  | D6129    | 6-501-297-11 | DIODE                     | Q6108                 | 8-729-027-43 | TRANSISTOR             | DTC114EKA-T146     |
|                  | D6132    | 8-719-081-97 | DIODE                     | $\triangle$ Q6109     | 6-551-302-01 | TRANSISTOR             | 2SK3561(LBS1SONY,Q |
|                  | D6133    | 6-501-450-11 | DIODE                     | $\triangle$ Q6110     | 6-551-302-01 | TRANSISTOR             | 2SK3561(LBS1SONY,Q |
|                  | D6134    | 6-501-822-11 | DIODE                     | Q6111                 | 8-729-045-62 | TRANSISTOR             | 2SK2158-T2B        |
|                  | D6135    | 6-500-600-01 | DIODE                     |                       |              |                        |                    |
| $\triangle$      | D6136    | 8-719-931-47 | DIODE                     | Q6112                 | 8-729-045-62 | TRANSISTOR             | 2SK2158-T2B        |
|                  | D6137    | 6-500-021-01 | DIODE                     | Q6201                 | 8-729-045-62 | TRANSISTOR             | 2SK2158-T2B        |
|                  | D6138    | 8-719-081-97 | DIODE                     | Q6202                 | 6-551-696-01 | TRANSISTOR             | ISA1235AC1TP-1EF   |
|                  | D6139    | 6-500-567-21 | DIODE                     | Q6203                 | 8-729-620-07 | TRANSISTOR             | 2SC3052EF-T1-LEF   |
|                  | D6140    | 6-500-021-01 | DIODE                     | <b>RESISTOR</b>       |              |                        |                    |
|                  | D6141    | 8-719-081-97 | DIODE                     | $\triangle$ R6101     | 1-240-251-92 | METAL                  | 6.8 5% 10W         |
|                  | D6201    | 8-719-200-31 | DIODE                     | R6102                 | 1-240-576-21 | METAL CHIP             | 470K 1% 1/10W      |
|                  | D6202    | 8-719-082-75 | DIODE                     | R6103                 | 1-240-576-21 | METAL CHIP             | 470K 1% 1/10W      |
|                  | D6203    | 8-719-082-75 | DIODE                     | R6106                 | 1-218-877-11 | METAL CHIP             | 18K 0.50% 1/10W    |
|                  | D6204    | 6-501-319-01 | DIODE                     | R6107                 | 1-216-073-91 | RES-CHIP               | 10K 5% 1/10W       |

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.

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| REF. NO.                                                                                  | PART NO.     | DESCRIPTION | VALUES |       |       | REF. NO. | PART NO.     | DESCRIPTION | VALUES |       |       |
|-------------------------------------------------------------------------------------------|--------------|-------------|--------|-------|-------|----------|--------------|-------------|--------|-------|-------|
| R6108                                                                                     | 1-240-576-21 | METAL CHIP  | 470K   | 1%    | 1/10W | R6161    | 1-249-425-11 | CARBON      | 4.7K   | 5%    | 1/4W  |
| R6109                                                                                     | 1-240-576-21 | METAL CHIP  | 470K   | 1%    | 1/10W | R6162    | 1-211-989-11 | METAL CHIP  | 68     | 0.50% | 1/10W |
| R6113                                                                                     | 1-215-869-11 | METAL OXIDE | 1K     | 5%    | 1W    | R6163    | 1-211-985-11 | METAL CHIP  | 47     | 0.50% | 1/10W |
| R6114                                                                                     | 1-216-077-91 | RES-CHIP    | 15K    | 5%    | 1/10W | R6165    | 1-216-065-91 | RES-CHIP    | 4.7K   | 5%    | 1/10W |
| R6115                                                                                     | 1-249-397-11 | CARBON      | 22     | 5%    | 1/4W  | R6166    | 1-249-426-11 | CARBON      | 5.6K   | 5%    | 1/4W  |
| R6117                                                                                     | 1-216-817-11 | METAL CHIP  | 470    | 5%    | 1/10W | R6167    | 1-247-791-91 | CARBON      | 22     | 5%    | 1/4W  |
| R6118                                                                                     | 1-216-851-11 | METAL CHIP  | 330K   | 5%    | 1/10W | R6168    | 1-216-009-91 | RES-CHIP    | 22     | 5%    | 1/10W |
| R6119                                                                                     | 1-216-837-11 | METAL CHIP  | 22K    | 5%    | 1/10W | R6169    | 1-216-049-11 | RES-CHIP    | 1K     | 5%    | 1/10W |
| R6120                                                                                     | 1-216-845-11 | METAL CHIP  | 100K   | 5%    | 1/10W | R6170    | 1-216-833-11 | METAL CHIP  | 10K    | 5%    | 1/10W |
| R6121                                                                                     | 1-249-397-11 | CARBON      | 22     | 5%    | 1/4W  | R6171    | 1-216-833-11 | METAL CHIP  | 10K    | 5%    | 1/10W |
| R6122                                                                                     | 1-216-833-11 | METAL CHIP  | 10K    | 5%    | 1/10W | R6172    | 1-218-642-11 | METAL OXIDE | 100K   | 5%    | 1W    |
| R6124                                                                                     | 1-216-809-11 | METAL CHIP  | 100    | 5%    | 1/10W | R6173    | 1-216-830-11 | METAL CHIP  | 5.6K   | 5%    | 1/10W |
| R6125                                                                                     | 1-216-001-00 | RES-CHIP    | 10     | 5%    | 1/10W | R6175    | 1-216-821-11 | METAL CHIP  | 1K     | 5%    | 1/10W |
| R6127                                                                                     | 1-215-882-00 | METAL OXIDE | 22     | 5%    | 2W    | R6178    | 1-216-857-11 | METAL CHIP  | 1M     | 5%    | 1/10W |
| R6128                                                                                     | 1-216-801-11 | METAL CHIP  | 22     | 5%    | 1/10W | R6179    | 1-216-821-11 | METAL CHIP  | 1K     | 5%    | 1/10W |
| R6129                                                                                     | 1-215-882-00 | METAL OXIDE | 22     | 5%    | 2W    | R6180    | 1-216-829-11 | METAL CHIP  | 4.7K   | 5%    | 1/10W |
| R6130                                                                                     | 1-208-840-11 | METAL CHIP  | 270K   | 0.50% | 1/10W | R6181    | 1-249-397-11 | CARBON      | 22     | 5%    | 1/4W  |
| R6131                                                                                     | 1-208-840-11 | METAL CHIP  | 270K   | 0.50% | 1/10W | R6183    | 1-216-837-11 | METAL CHIP  | 22K    | 5%    | 1/10W |
| R6132                                                                                     | 1-208-840-11 | METAL CHIP  | 270K   | 0.50% | 1/10W | R6185    | 1-208-822-11 | METAL CHIP  | 47K    | 0.50% | 1/10W |
| R6133                                                                                     | 1-208-840-11 | METAL CHIP  | 270K   | 0.50% | 1/10W | R6186    | 1-216-105-91 | RES-CHIP    | 220K   | 5%    | 1/10W |
| R6134                                                                                     | 1-218-760-11 | METAL CHIP  | 220K   | 0.50% | 1/10W | R6187    | 1-218-903-11 | METAL CHIP  | 220K   | 0.50% | 1/10W |
| R6135                                                                                     | 1-208-804-11 | METAL CHIP  | 8.2K   | 0.50% | 1/10W | R6188    | 1-208-854-11 | METAL CHIP  | 1M     | 0.50% | 1/10W |
| R6136                                                                                     | 1-216-635-11 | METAL CHIP  | 220    | 0.50% | 1/10W | R6189    | 1-216-845-11 | METAL CHIP  | 100K   | 5%    | 1/10W |
| R6137                                                                                     | 1-208-854-11 | METAL CHIP  | 1M     | 0.50% | 1/10W | R6190    | 1-249-385-11 | CARBON      | 2.2    | 5%    | 1/4W  |
| R6138                                                                                     | 1-208-854-11 | METAL CHIP  | 1M     | 0.50% | 1/10W | R6191    | 1-216-833-11 | METAL CHIP  | 10K    | 5%    | 1/10W |
| R6139                                                                                     | 1-208-854-11 | METAL CHIP  | 1M     | 0.50% | 1/10W | R6192    | 1-247-289-00 | METAL       | 8.2M   | 5%    | 1W    |
| R6140                                                                                     | 1-208-854-11 | METAL CHIP  | 1M     | 0.50% | 1/10W | R6201    | 1-216-821-11 | METAL CHIP  | 1K     | 5%    | 1/10W |
| R6141                                                                                     | 1-218-760-11 | METAL CHIP  | 220K   | 0.50% | 1/10W | R6202    | 1-216-825-11 | METAL CHIP  | 2.2K   | 5%    | 1/10W |
| R6142                                                                                     | 1-216-685-11 | METAL CHIP  | 27K    | 0.50% | 1/10W | R6203    | 1-216-827-11 | METAL CHIP  | 3.3K   | 5%    | 1/10W |
| R6144                                                                                     | 1-216-857-11 | METAL CHIP  | 1M     | 5%    | 1/10W | R6204    | 1-216-829-11 | METAL CHIP  | 4.7K   | 5%    | 1/10W |
| R6145                                                                                     | 1-247-903-00 | CARBON      | 1M     | 5%    | 1/4W  | R6207    | 1-216-817-11 | METAL CHIP  | 470    | 5%    | 1/10W |
| R6146                                                                                     | 1-216-851-11 | METAL CHIP  | 330K   | 5%    | 1/10W | R6208    | 1-216-829-11 | METAL CHIP  | 4.7K   | 5%    | 1/10W |
|  R6147 | 1-202-933-61 | FUSIBLE     | 0.1    | 10%   | 1/2W  | R6209    | 1-218-885-11 | METAL CHIP  | 39K    | 0.50% | 1/10W |
| R6148                                                                                     | 1-249-385-11 | CARBON      | 2.2    | 5%    | 1/4W  | R6210    | 1-218-871-11 | METAL CHIP  | 10K    | 0.50% | 1/10W |
| R6149                                                                                     | 1-216-825-11 | METAL CHIP  | 2.2K   | 5%    | 1/10W | R6211    | 1-218-867-11 | METAL CHIP  | 6.8K   | 0.50% | 1/10W |
| R6150                                                                                     | 1-216-833-11 | METAL CHIP  | 10K    | 5%    | 1/10W | R6212    | 1-216-833-11 | METAL CHIP  | 10K    | 5%    | 1/10W |
| R6151                                                                                     | 1-216-833-11 | METAL CHIP  | 10K    | 5%    | 1/10W | R6213    | 1-216-833-11 | METAL CHIP  | 10K    | 5%    | 1/10W |
| R6152                                                                                     | 1-218-872-11 | METAL CHIP  | 11K    | 0.50% | 1/10W | R6214    | 1-218-863-11 | METAL CHIP  | 4.7K   | 0.50% | 1/10W |
| R6153                                                                                     | 1-216-864-11 | SHORT CHIP  |        |       |       | R6215    | 1-218-867-11 | METAL CHIP  | 6.8K   | 0.50% | 1/10W |
| R6154                                                                                     | 1-218-886-11 | METAL CHIP  | 43K    | 0.50% | 1/10W | R6218    | 1-218-847-11 | METAL CHIP  | 1K     | 0.50% | 1/10W |
| R6155                                                                                     | 1-218-903-11 | METAL CHIP  | 220K   | 0.50% | 1/10W | R6219    | 1-216-821-11 | METAL CHIP  | 1K     | 5%    | 1/10W |
| R6157                                                                                     | 1-249-429-11 | CARBON      | 10K    | 5%    | 1/4W  | R6220    | 1-216-837-11 | METAL CHIP  | 22K    | 5%    | 1/10W |
| R6158                                                                                     | 1-249-429-11 | CARBON      | 10K    | 5%    | 1/4W  | R6221    | 1-216-825-11 | METAL CHIP  | 2.2K   | 5%    | 1/10W |
| R6159                                                                                     | 1-216-833-11 | METAL CHIP  | 10K    | 5%    | 1/10W | R6222    | 1-216-073-91 | RES-CHIP    | 10K    | 5%    | 1/10W |
| R6160                                                                                     | 1-216-825-11 | METAL CHIP  | 2.2K   | 5%    | 1/10W | R6223    | 1-216-833-11 | METAL CHIP  | 10K    | 5%    | 1/10W |

92



English  
2007GJ74WEB-1  
Printed in USA  
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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](mailto:Service_Promotion@am.sony.com).*