

## HISTORY INFORMATION FOR THE FOLLOWING MANUAL:

# SERVICE MANUAL

# FIX2 CHASSIS

<u>MODEL NAME</u>	<u>REMOTE COMMANDER</u>	<u>DESTINATION</u>
<b>KDL-40V3000</b>	RM-YD014	US/CANADA
<b>KDL-40V3000</b>	RM-YD014	LATIN NORTH/LATIN SOUTH
<b>KDL-46V3000</b>	RM-YD014	US/CANADA
<b>KDL-46V3000</b>	RM-YD014	LATIN NORTH/LATIN SOUTH
<b>KDL-46VL130</b>	RM-YD014	US/CANADA

## ORIGINAL MANUAL ISSUE DATE: 7/2007

 :UPDATED ITEM

<u>REVISION DATE</u>	<u>SUBJECT</u>
7/2007	No revisions or updates are applicable at this time.
9/2007	Updated Self Check illustration. Replaced page 11. Added PNs for LCD Panels and FB3 Boards for S/N 8,100,001 to 8,499,999 and 8,600,001 on up. Replaced page 75 & 78.
10/2007	Updated schematic diagrams to correct connector pins #s that were up side down. Replaced pages 27, 34, 37, 40, 43, 45, 59, & 69.

LCD DIGITAL COLOR TELEVISION

**SONY**<sup>®</sup>

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<b>KDL-46V3000</b>	RM-YD014	LATIN NORTH/LATIN SOUTH
<b>KDL-46VL130</b>	RM-YD014	US/CANADA



KDL-46V3000



RM-YD014

LCD DIGITAL COLOR TELEVISION

# SONY®

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## SPECIFICATIONS

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

### Power Consumption (W)

**In Use (Max)** 220W (KDL-40V3000 Only)  
260W (KDL-46V3000/46VL130 Only)

**In Standby** Less than 0.4W

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

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

#### AUDIO

500 mVrms (100% modulation)  
Impedance: 47 kilohms

### HDMI IN 1/2:

**HDMI:** Video:480i, 480p, 720p, 1080i,1080p, 1080/24p  
Audio: Two channel linear PCM 32, 44.1 and  
48 kHz, 16, 20 and 24 bits, Dolby Digital

### AUDIO (for HDMI IN 1):

500 mVrms (100% modulation) (Fixed)  
Impedance: 47 kilohms

### AUDIO OUT:

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

### DIGITAL OUT (OPTICAL):

Optical Digital Audio Output (PCM/Dolby digital)

### PC IN:

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

### PC AUDIO INPUT:

Stereo mini jack, 500 mVrms 1kh

### HEADPHONES:

Stereo mini jack  
Impedance: ≥16 ohms

### Trademark Information



As an ENERGY STAR® Partner, Sony Corporation has determined that this product meets the ENERGY STAR® guidelines for energy efficiency. ENERGY STAR® is a U.S. registered mark.

Blu-ray Disc is a trademark.



“BRAVIA” and BRAVIA, BRAVIA ENGINE EX, “XMB” and “XrossMediaBar”, S-Force, BRAVIA Theatre Sync, R, DM<sup>x</sup>, BRAVIA Internet Video Link Ready and “PS3” are trademarks or registered marks of Sony Corporation and/or Sony Computer Entertainment Inc.



This TV is manufactured under license from Dolby Laboratories. “Dolby” and the 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.

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

	KDL-40V3000	KDL-46V3000	KDL-46VL130
<b>Speakers</b>	11W+11W		
<b>Output</b>			
<b>Dimensions (W x H)</b>	1 <sup>5/8</sup> x 5 <sup>7/8</sup> inches 42 x 150 mm	2 <sup>1/8</sup> x 6 <sup>1/8</sup> inches 55 x 155 mm	2 <sup>1/8</sup> x 6 <sup>1/8</sup> inches 55 x 155 mm
<b>Dimensions (W x H x D)</b>			
<b>with stand</b>	39 <sup>1/8</sup> x 27 <sup>1/8</sup> x 10 <sup>1/2</sup> inches 992 x 688 x 265 mm	44 <sup>3/4</sup> x 30 <sup>3/4</sup> x 12 <sup>1/8</sup> inches 1135 x 799 x 306 mm	44 <sup>3/4</sup> x 30 <sup>3/4</sup> x 12 <sup>1/8</sup> inches 1135 x 799 x 306 mm
<b>without stand</b>	39 <sup>1/8</sup> x 25 <sup>3/8</sup> x 4 <sup>7/8</sup> inches 992 x 643 x 122 mm	44 <sup>3/4</sup> x 29 x 4 <sup>7/8</sup> inches 1135 x 734 x 122 mm	44 <sup>3/4</sup> x 29 x 4 <sup>7/8</sup> inches 1135 x 734 x 122 mm
<b>wall-mount hole pattern</b>	300 x 200 mm	300 x 200 mm	300 x 200 mm
<b>Mass</b>			
<b>with stand</b>	56 lbs. 25.0 kg	71 lbs. 32.0 kg	71 lbs. 32.0 kg
<b>without stand</b>	48 lbs. 21.5 kg	62 lbs. 28.0 kg	62 lbs. 28.0 kg

All measurements are approximations.

#### Television system

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

#### Channel coverage

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

#### Antenna

75-ohm external terminal for VHF/UHF

#### Panel System

LCD (Liquid Crystal Display) Panel

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

1,920 dots x 1,080 lines

#### Screen Size (measured diagonally)

KDL-40V3000 - ~40 inches  
KDL-46V3000 - ~46 inches  
KDL-46VL130 - ~46 inches

#### Supplied Accessories

Remote Commander RM-YD014  
Two Size AA (R6) Batteries  
75-ohm coaxial cable  
AC Power Cord  
HD15-HD15 Cable  
Support Belt (Lock Assy, Rudder) Securing Screw,  
and Wood Screw  
(See Bag Assy, Rudder Lock in the Accessories and Packing  
section of the Electrical Parts List in this manual.)  
Cable Holder (1 attached to the TV)  
Operating Instructions  
Quick Setup Guide  
Warranty Card

#### Optional Accessories

Headphones Plug Adaptor  
Connecting Cables  
Wall-Mount Bracket  
SU-WL500  
TV-Stand  
RHT-G800  
SU-FL300M  
SU-FL300L (KDL-46V3000/46VL130 Only)

## WARNINGS AND CAUTIONS

### CAUTION

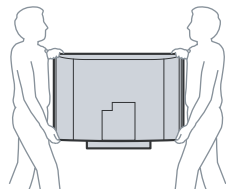
These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

### CARRYING THE TV

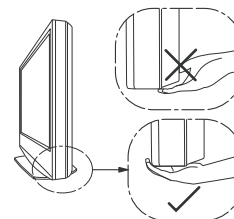
To avoid dropping the TV and causing serious injury, be sure to follow these guidelines:

- 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-40V3000/46V3000/46VL130



- 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!!

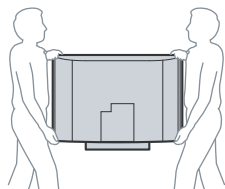
Ces instructions de service sont à l'usage du personnel de service qualifié seulement. Pour prévenir le risque de choc électrique, ne pas faire l'entretien autre que celui contenu dans le Mode d'emploi à moins que vous soyez qualifié faire ainsi.

### POUR TRANSPORTER LE TÉLÉVISEUR

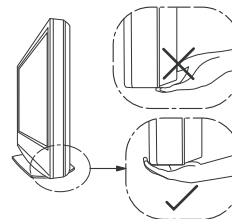
Assurez-vous de suivre ces consignes pour éviter de laisser tomber le téléviseur et de provoquer des blessures graves :

- 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-40V3000/46V3000/46VL130



- 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

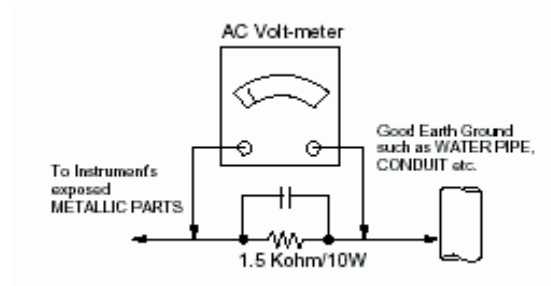
When repairing the LCD panel, be sure you are grounded by using a wrist band.

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:

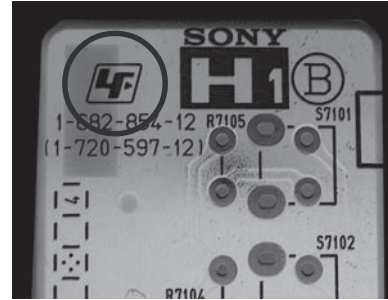
- do not press on the panel or frame edge to avoid the risk of electric shock.
- do not scratch or press on the panel with any sharp objects.
- do not leave the module in high temperatures or in areas of high humidity for an extended period of time.
- do not expose the LCD panel to direct sunlight.
-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

### Leakage Test

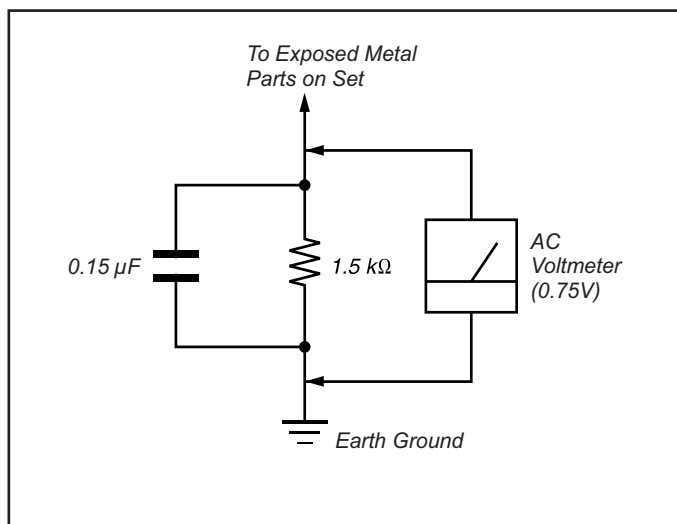


Figure A. Using an AC voltmeter to check AC leakage.

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).

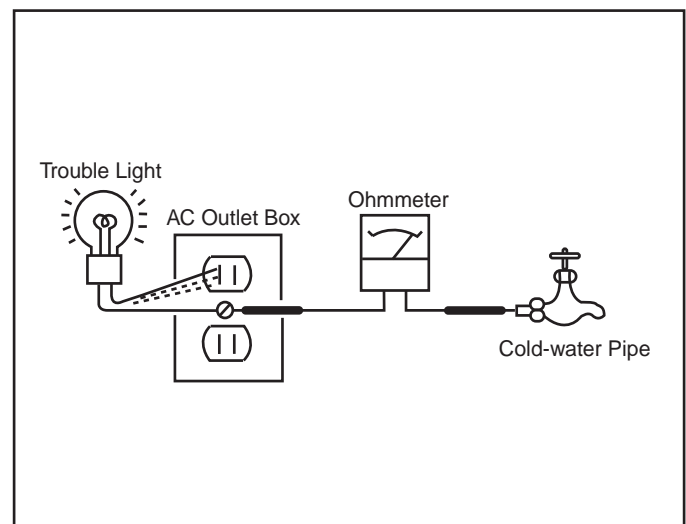
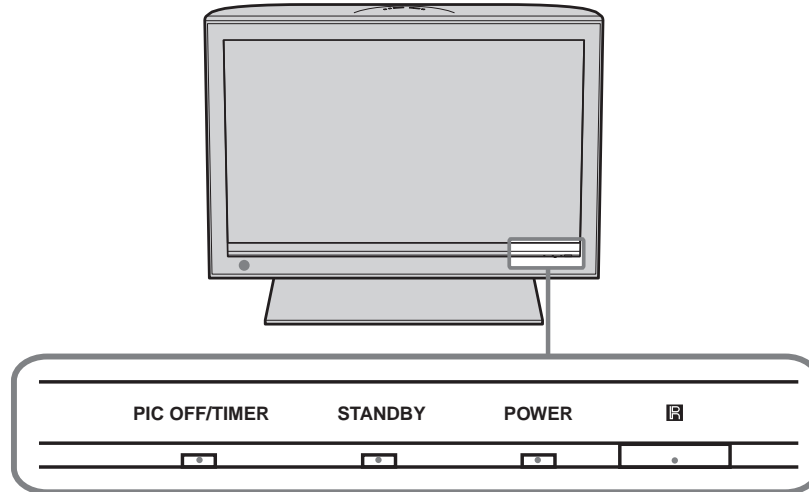


Figure B. Checking for earth ground.

## SELF-DIAGNOSTIC FUNCTION

*Self Diagnosis*  
Supported model

### Control Buttons

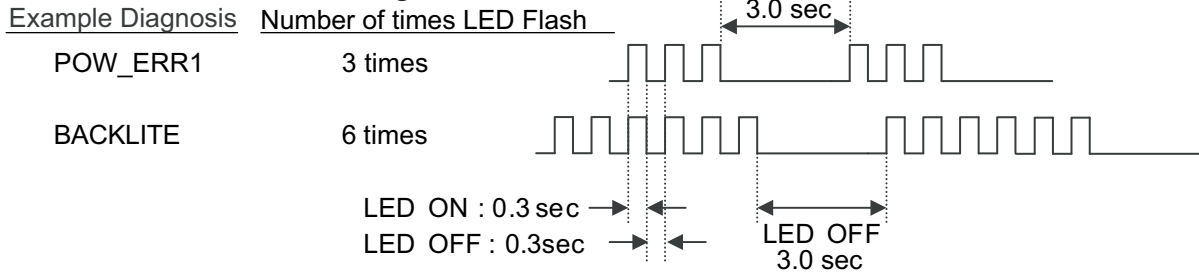


### Description of LED Indicators

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

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

- One flash is not used for self-diagnosis.



**Diagnostic Indicators**

When an error occurs, the STANDBY LED flashes a set number of times to indicate the possible cause of the problem. If there is more than one error, the LED will identify the first of the problem areas. If the errors occur simultaneously, the one that corresponds to the fewest flashes is identified first. (Results for all of the following diagnostic items are displayed on screen. No error has occurred if the screen displays a "00")

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



The Self Check list displays.

↑ This differs from accessing Service Adjustments.

Information Indicator displays time of last 3 events  
(Not used in FIX2 models)

LED	Display	Contents
SELF CHECK		====
000 :	====	Power OVP
002 :	POW_OVP	Power Error
003 :	POW_ERR1	T-CON Error
005 :	T_CON	Backlight Error
006 :	BACKLITE	Panel Temp Error
007 :	PANLTEMP	Audio Protector
008 :	AUD_PROT	Not Used in these models
009 :	FAN_ERR	
010 :	DTT_ERR	
011 :	====	====
013 :	BALANCER	Panel Error
101 :	DTT_WDT	WDT- Watch Dog Timers
102 :	TVM_WDT	(Watch Dog Timers
103 :	BEM_WDT	are used to track
		micro processors,
		not to record errors.)
00279-00053-0000		Boot count and operation time
	↑ Boot count (max 65535)	
	↑ Panel Hours (max 65535)	
	↑ Operating Hours (max 65535)	

Information Indicator displays time of last 3 events (Not used in FIX2 models)

0 indicates no error was detected  
1 indicates an error was detected

**Resetting the Diagnostic Indicators**

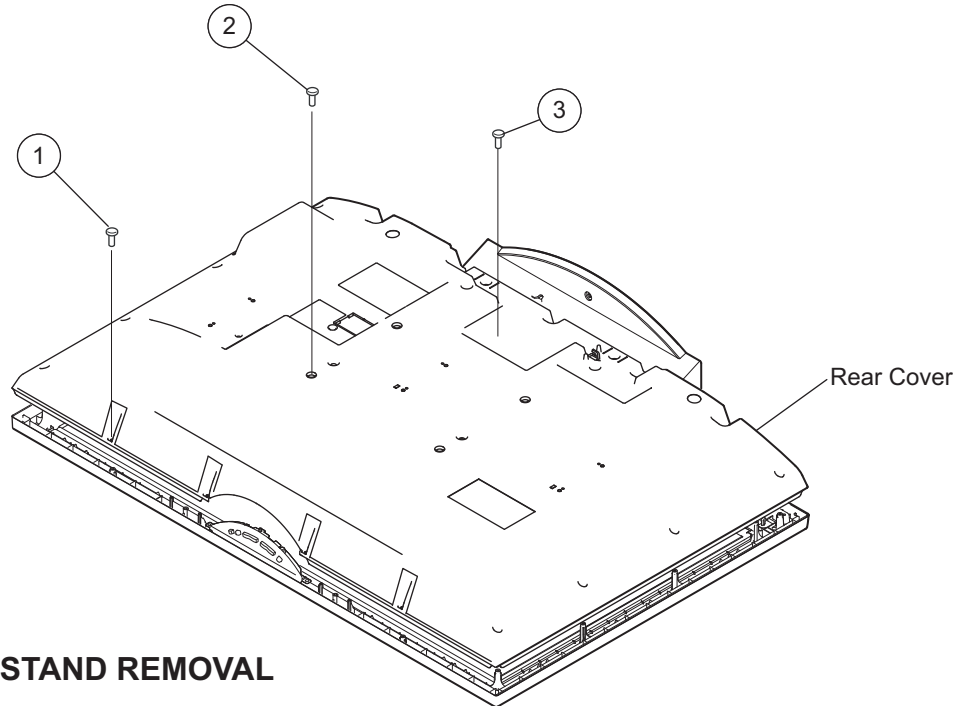
After completing the repair of the set, reset the Self Check screen to set all the display results to "00".

1. TV must be in standby mode. (Power off).
2. Press DISPLAY → Channel 5 → Volume 4 → TV POWER.
3. Press Channel 8, then press Channel 0. To exit press TV POWER.

## SECTION 1: DISASSEMBLY

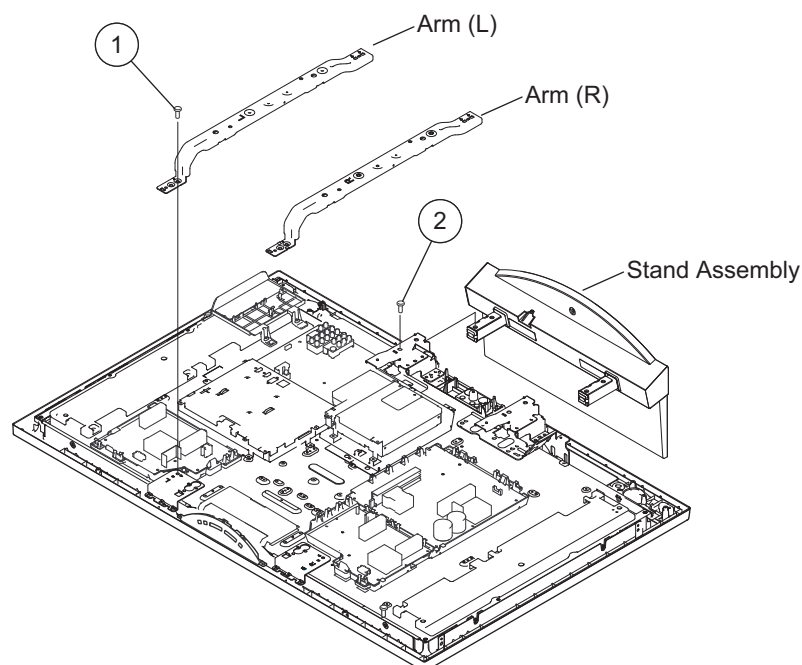
### 1-1. REAR COVER REMOVAL

- ① Remove 15 screws from Rear Cover, +BVTP2 4X16 (KDL-40V3000),  
Remove 19 screws from Rear Cover, +BVTP2 4X16 (KDL-46V3000/46VL130)
- ② Remove 2 screws from Rear Cover arm positions, +PSW M5X12
- ③ Remove 2 screws from Terminals, +BVTP 3X12 TYPE2 IT-3



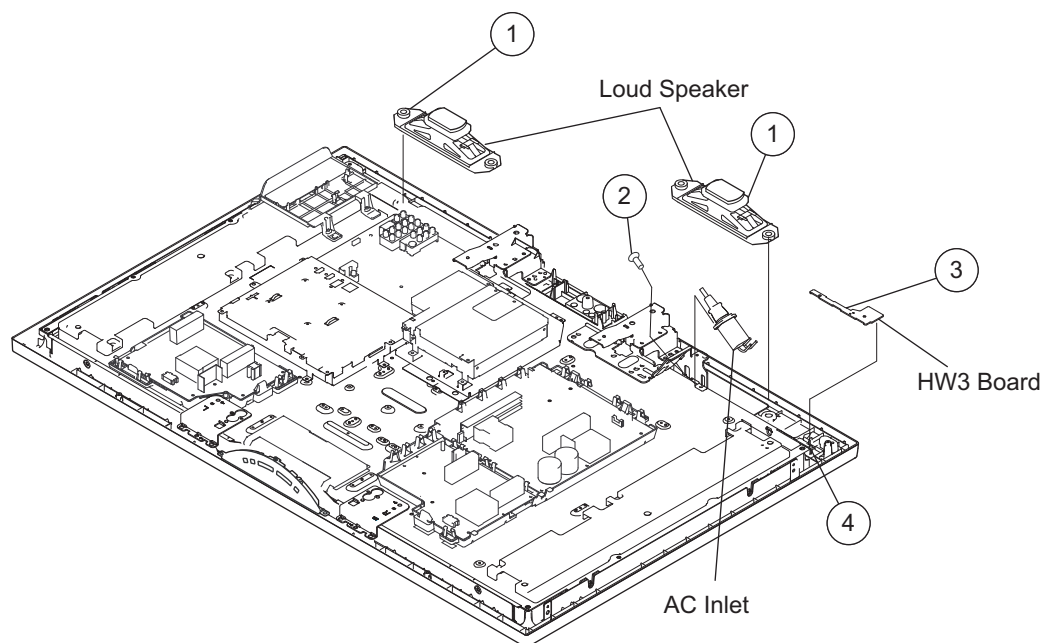
### 1-2. ARM AND STAND REMOVAL

- ① Remove 4 screws from Arms, +PSW M5X8
- ② Remove 4 screws from lower stays and Stand, +PSW M5X12



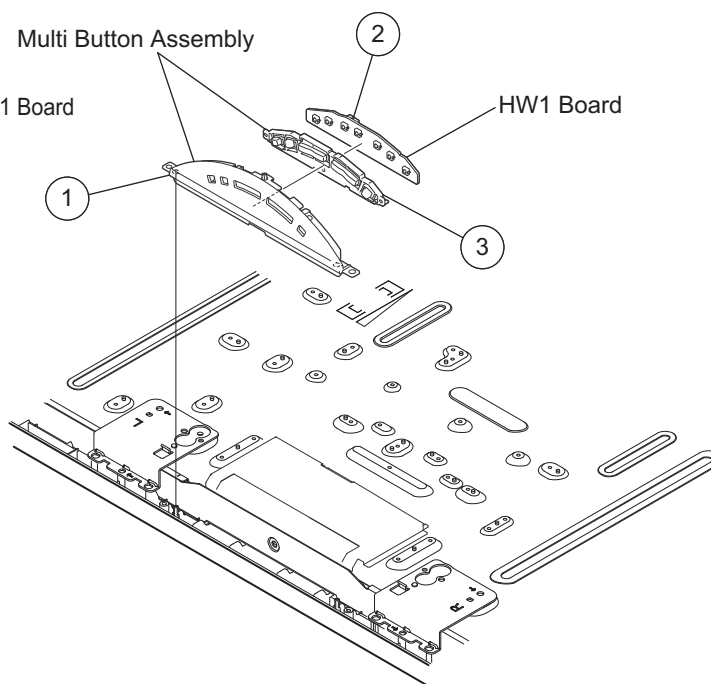
### 1-3. SPEAKER, HW3 BOARD, AND AC INLET REMOVAL

- ① Slide out Loudspeakers from Bezel
- ② Remove 2 screws, +KTT 3X10
- ③ Disconnect one connector from HW3 Board
- ④ Release hook and remove HW3 Board



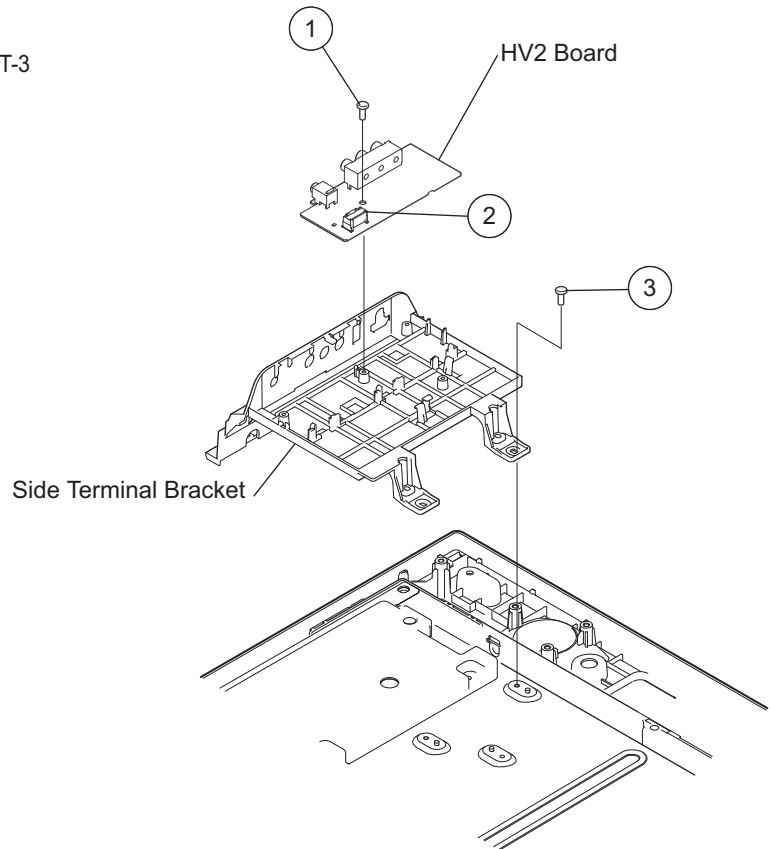
### 1-4. HW1 BOARD REMOVAL

- ① Remove from bezel
- ② Disconnect one connector
- ③ Release hooks and remove HW1 Board



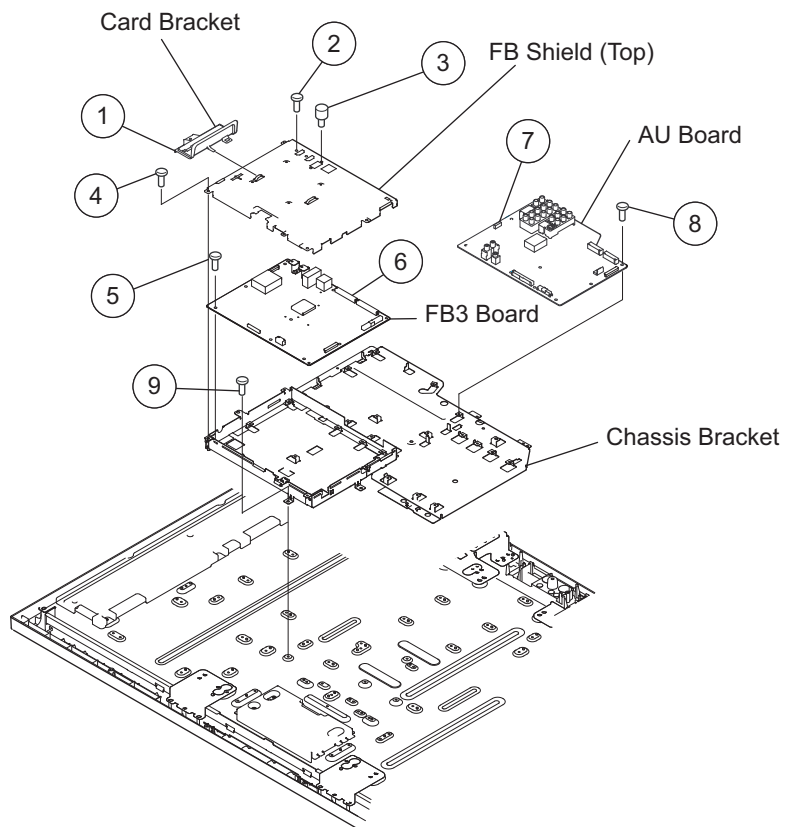
## 1-5. HV2 BOARD REMOVAL

- ① Remove three screws, +BVTP 3X12 TYPE2 IT-3
- ② Disconnect two connectors
- ③ Remove 2 screws, +PVST 3X8  
(KDL-40V3000)  
Remove 2 screws, +PSW M3X5  
(KDL-46V3000/46VL130)



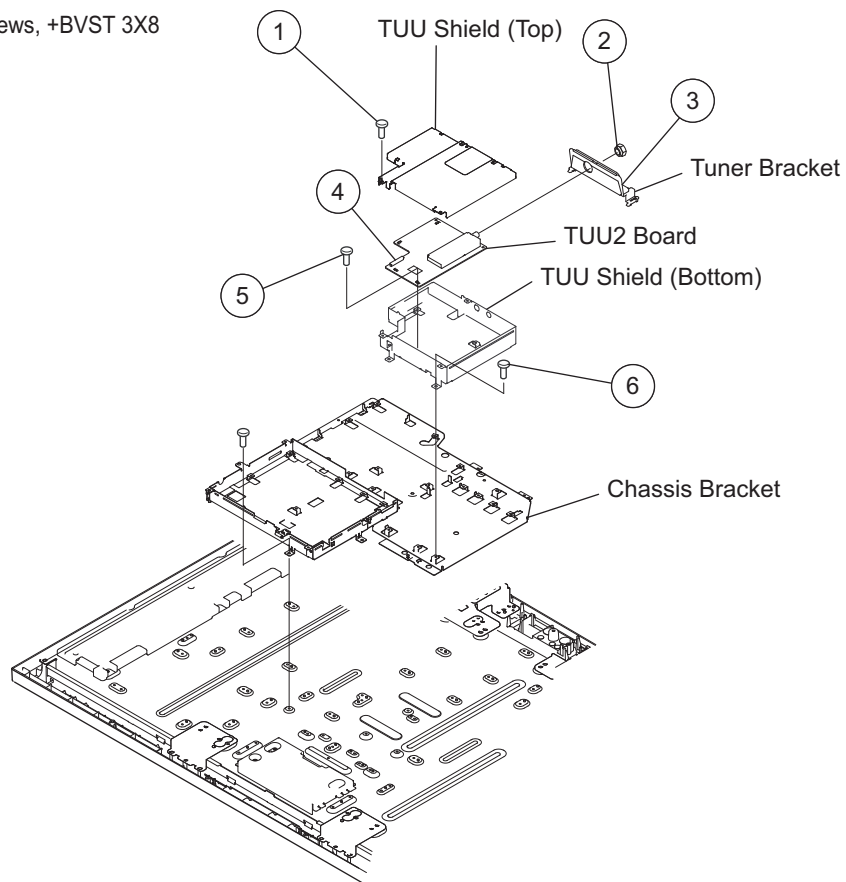
## 1-6 AU BOARD AND FB3 BOARD REMOVAL

- ① Slide out Card Bracket
- ② Remove 2 screws, +PSW M3X5
- ③ Remove 2 screws, HEX
- ④ Remove 4 screws, +BVST 3X8
- ⑤ Remove 7 screws, +BVST 3X8
- ⑥ Disconnect 7 connectors
- ⑦ Disconnect 7 connectors
- ⑧ Remove 9 screws, +BVST 3X8
- ⑨ Remove 8 screws, +PSW M3X5



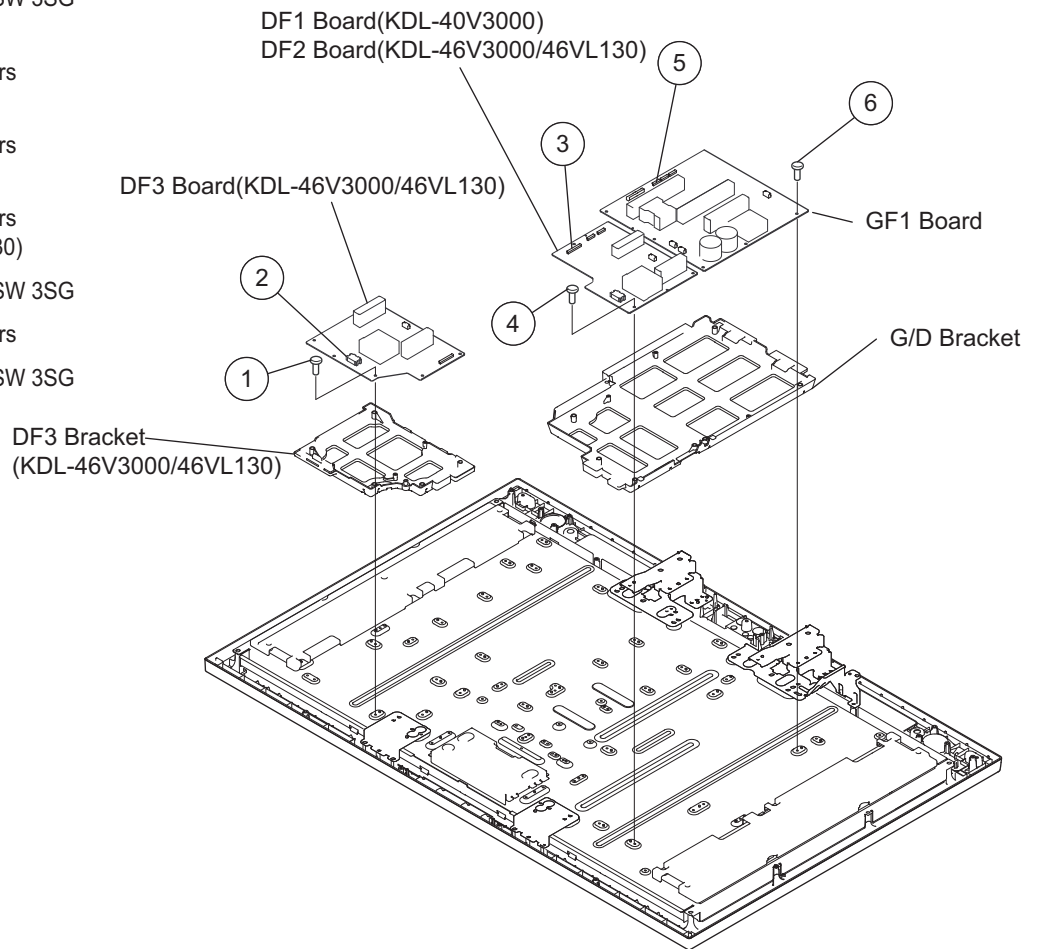
## 1-7. TUU2 BOARD REMOVAL

- ① Remove 2 screws, +BVST 3X8
- ② Remove one Hex. Nut from Tuner
- ③ Remove Tuner Bracket
- ④ Disconnect one connector
- ⑤ Remove 5 screws, +BVST 3X8
- ⑥ Remove 4 screws, +BVST 3X8



## 1-8. DF1, DF2, DF3 BOARD AND GF1 BOARD REMOVAL

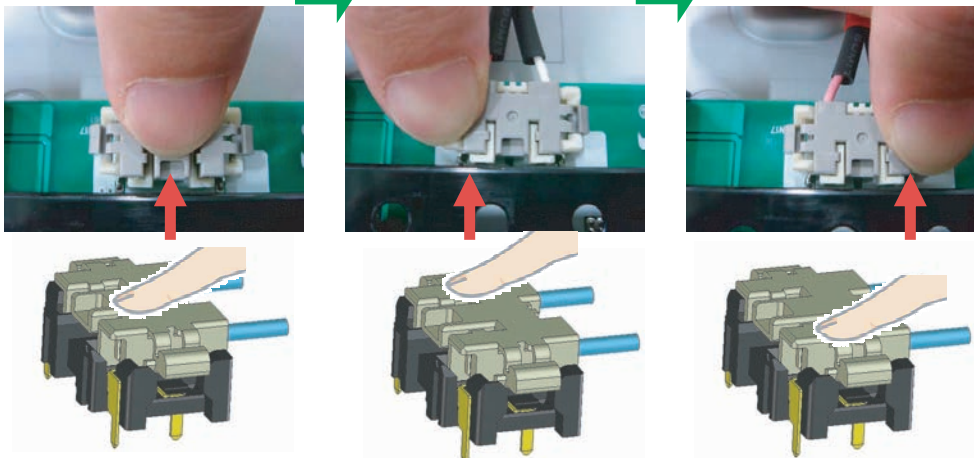
- ① Remove 5 screws, +PSW 3SG  
(KDL-46V3000 only)
- ② Disconnect 3 connectors  
(KDL-46V3000 only)
- ③ Disconnect 4 connectors  
(KDL-40V3000)  
Disconnect 4 connectors  
(KDL-46V3000/46VL130)
- ④ Remove 4 screws, +PSW 3SG
- ⑤ Disconnect 7 connectors
- ⑥ Remove 4 screws, +PSW 3SG



### 1-8-1. REPLACING THE INVERTER CONNECTOR ASSEMBLY

Use the following procedure to confirm that the connector is securely attached to the In

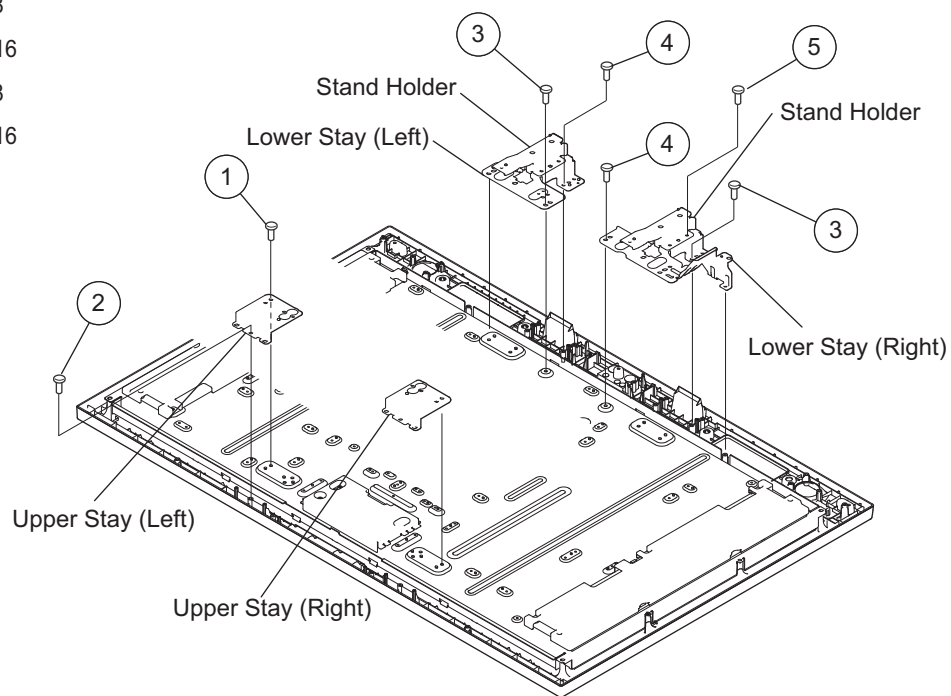
- ① After inserting the connector into the Inverter board, push the middle section of the inverter connector to lock on the terminal.
- ② Push the right section of the inverter connector and confirm it is securely connected.
- ③ Push the left section of the inverter connector and confirm it is securely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





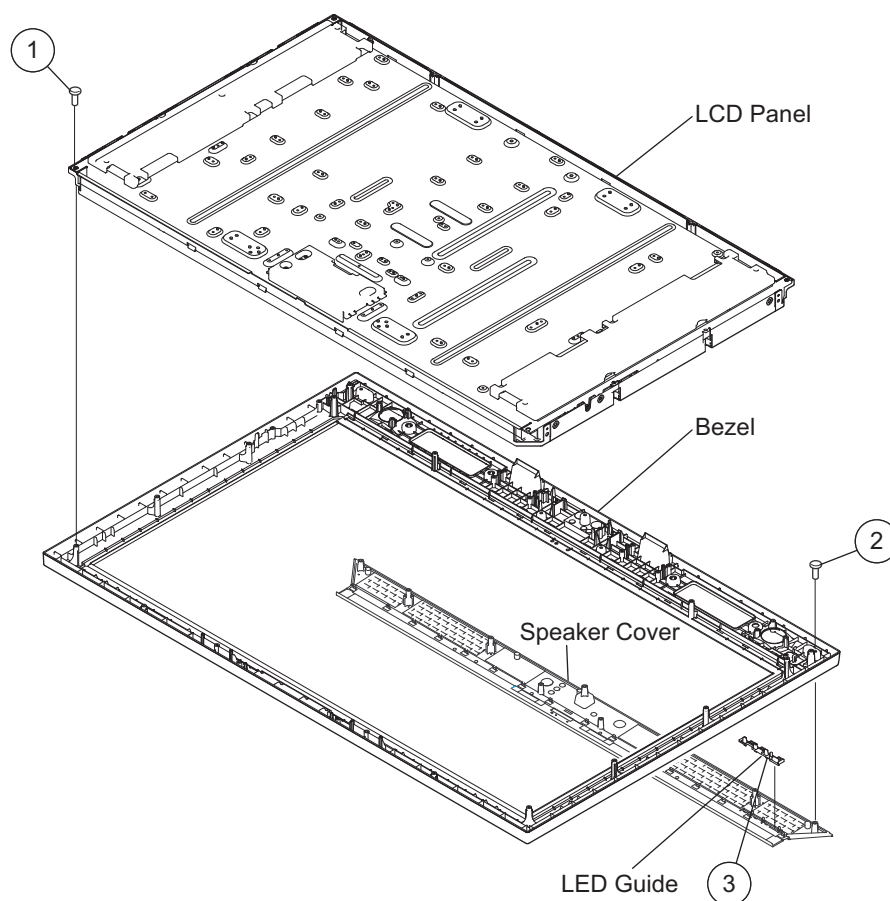
## 1-9. STAY (BRACKET) REMOVAL

- ① Remove 2 screws, +PSW M5X8
- ② Remove 2 screws, +BVTP2 4X16
- ③ Remove 4 screws, +PSW M5X8
- ④ Remove 4 screws, +BVTP2 4X16
- ⑤ Remove 4 screws, +BVTP 4X8



## 1-10. LCD PANEL REMOVAL

- ① Remove 4 screws, +BVTP2 4X16
- ② Remove 4 screws, +BVTP2 4X16
- ③ Pop off from Speaker Cover

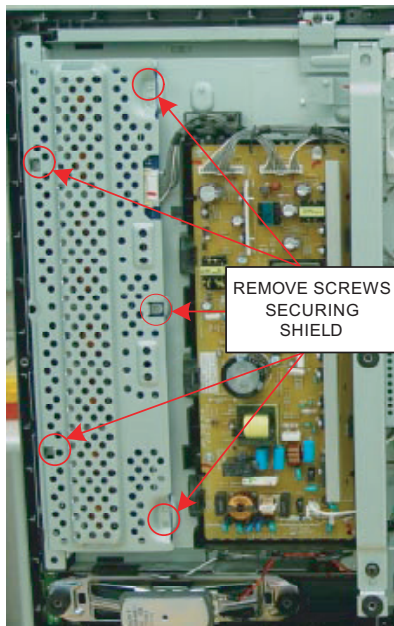
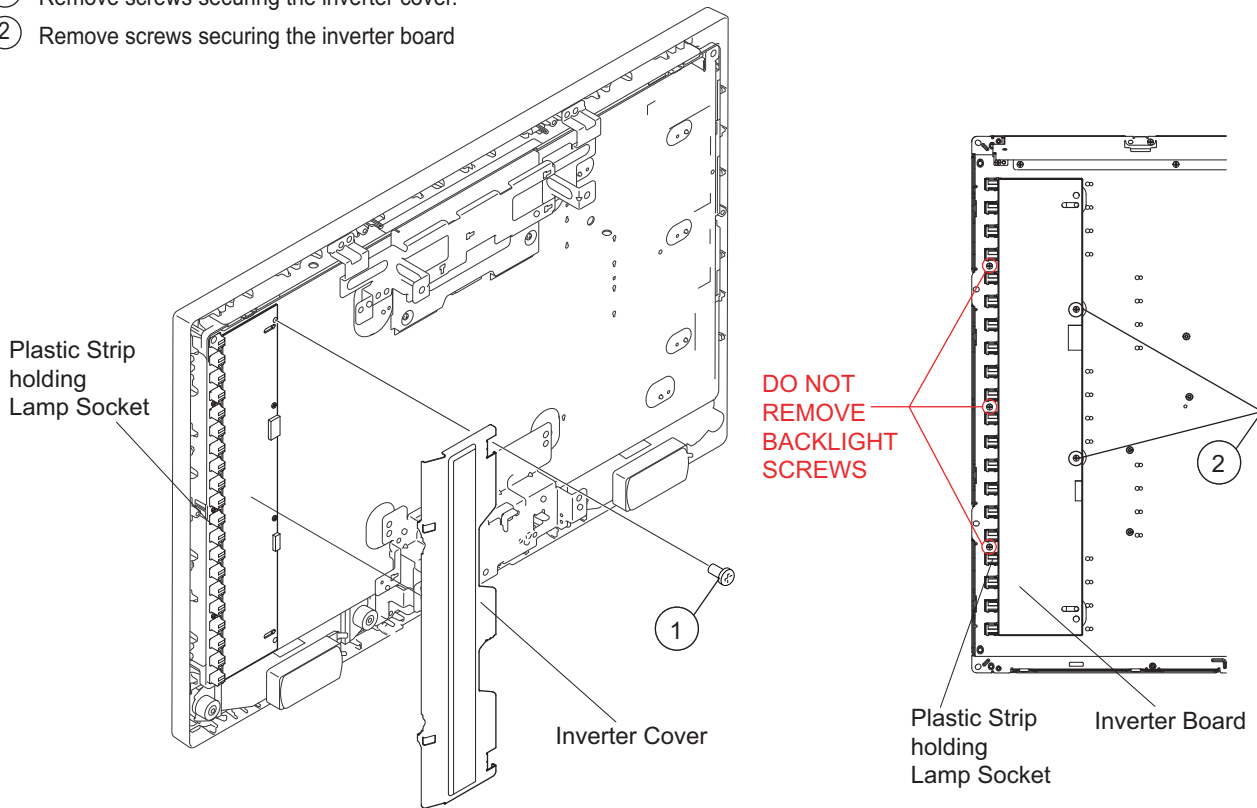


## 1-11. ETC-INVERTER MT BOARD REMOVAL

**CAUTION:**

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

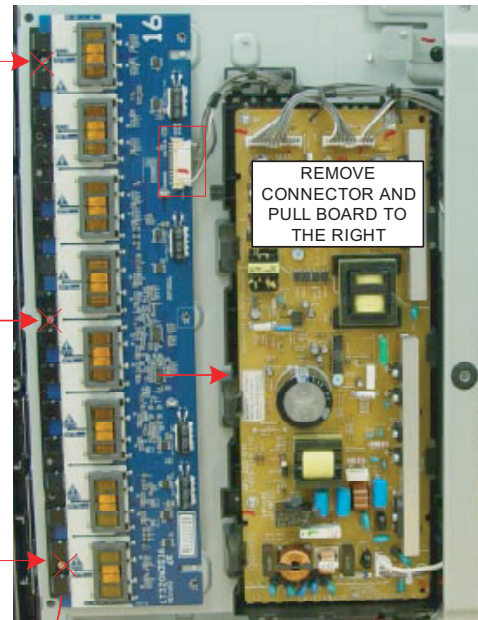
- ① Remove screws securing the inverter cover.
- ② Remove screws securing the inverter board



SHIELD REMOVAL

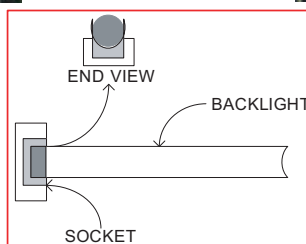
**WARNING!**

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



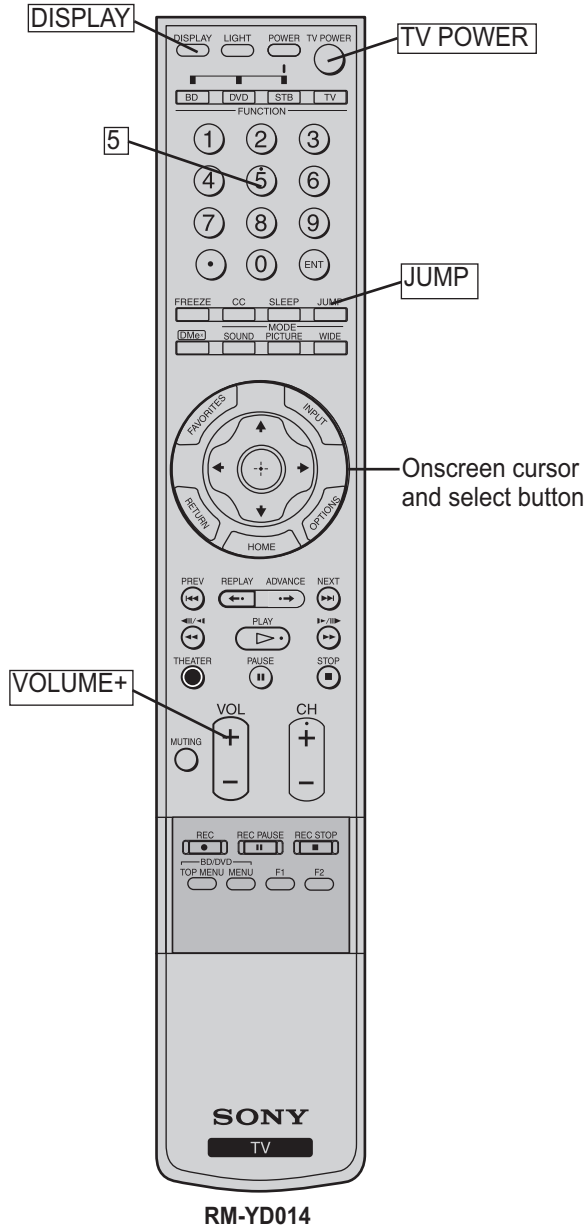
**INVERTER BOARD REMOVAL**

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



## SECTION 2: SERVICE ADJUSTMENTS

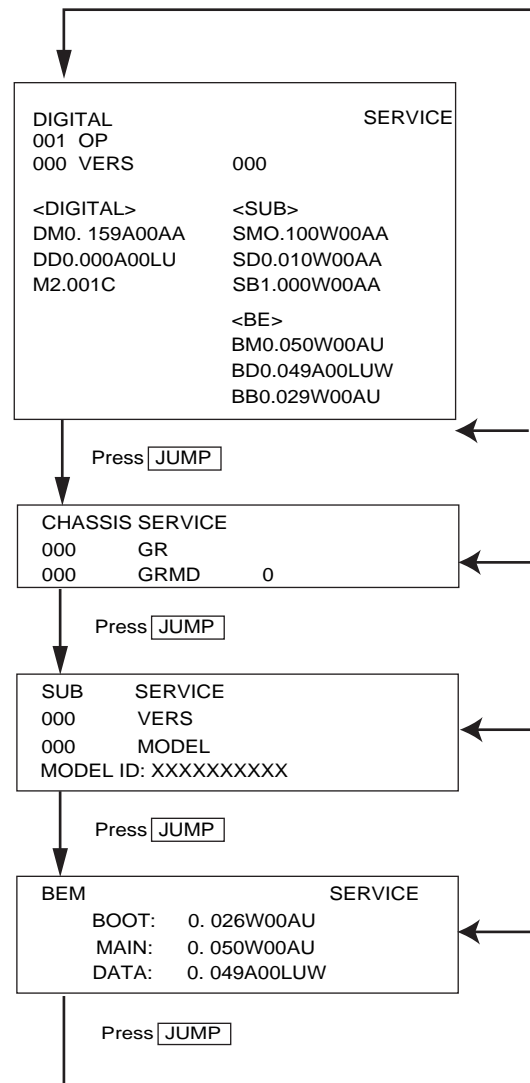
### 2-1. REMOTE ADJUSTMENT BUTTONS AND INDICATORS



### 2-2. ACCESSING SERVICE ADJUSTMENTS

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

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 + → TV POWER.  
 The first service menu (TV) displays.
3. To display the service menu that contains the category you want to adjust, press JUMP on the Remote Commander.



The screen displays the first category in the selected service menu.

4. To change the **category**, press **2** or **5** on the Remote Commander.

**Note:** Pressing **2** or **5** only changes the categories within the service menu displayed.

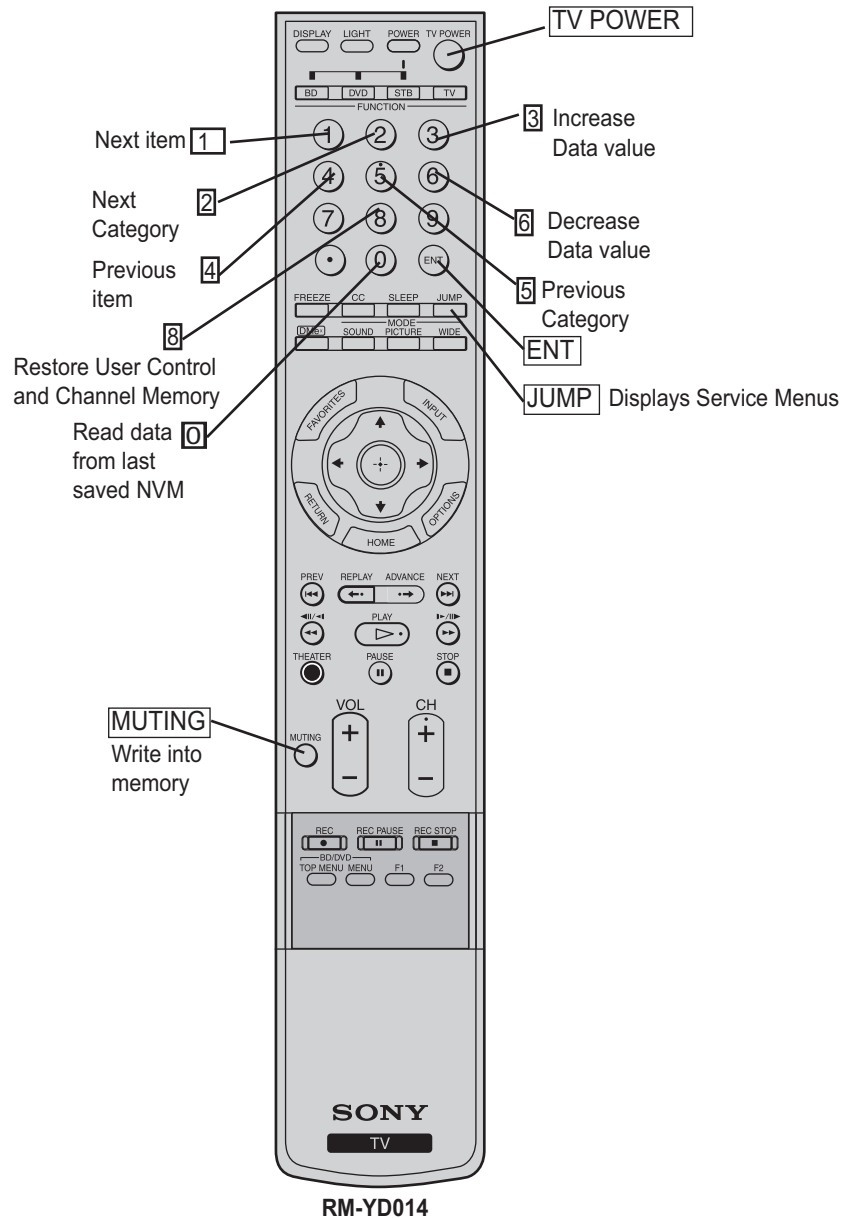
To change a category on one of the other service menus, press the **JUMP** button until the correct service menu is displayed.

5. To change the **adjustment item**, press **1** or **4** on the Remote Commander.

6. To change the **data value**, press **3** or **6** on the Remote Commander.

7. To write into memory, press **MUTING** then **0** on the Remote Commander.

8. To exit service mode, turn the power off.



## 2-3. UPDATING MODEL INFORMATION AFTER REPLACING THE FB1 BOARD

Complete the following steps to reset the model information to the correct size after replacing the FB1 Board.

1. Access the Service Menu by pressing the following buttons on the Remote Commander within a second:

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

The service menu displays.

2. Press the **JUMP** button until the BEM micro service menu displays.

BEM	SERVICE
BOOT:	0. 026W00AU
MAIN:	0. 050W00AU
DATA:	0. 049A00LUW

3. Press **2** until the 0001 MODEL\_INFO category displays.

BEM	SERVICE
0001	MODEL_INFO
0001	PANEL_SIZE 0
DIFF	1

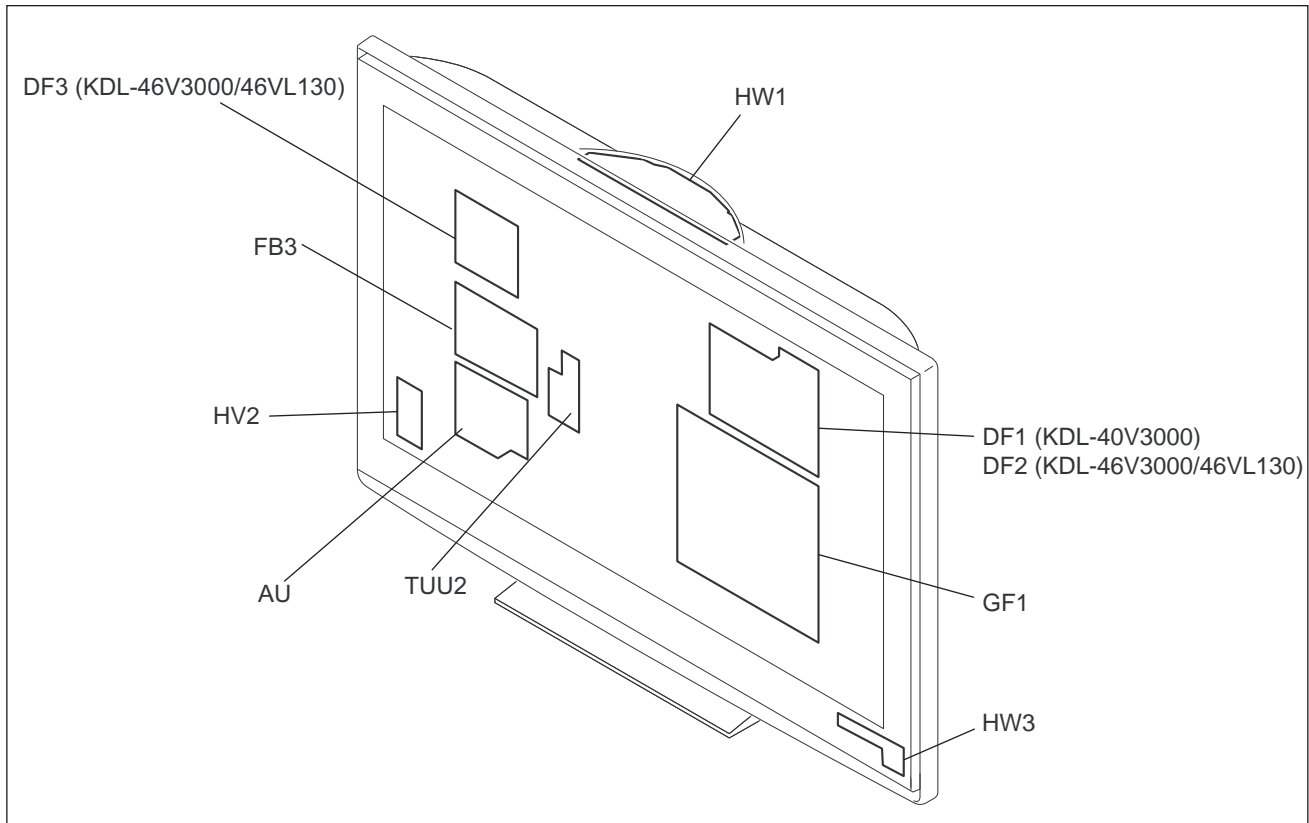
4. Using the **3** or **6** on the remote commander to increase or decrease the value, do one of the following:

<b>If model size is 40"</b>	<b>Set to 0</b>
<b>If model size is 46"</b>	<b>Set to 1</b>

5. To write into memory, press **MUTING** then **0** on the Remote Commander.
8. To exit service mode, turn the power off.

## 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.  $\text{pF}$  :  $\mu\text{F}$  50VV or less are not indicated except for electrolytics and tantalums.

All electrolytics are in 50V unless otherwise specified.

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

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

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

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

: nonflammable resistor

: fusible resistor

: internal component

: panel designation and adjustment for repair

: earth ground

: earth-chassis

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

Readings are taken with a color-bar signal input.

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

Voltages are DC with respect to ground unless otherwise noted.

Voltage variations may be noted due to normal production tolerances.

All voltages are in V.

S : Measurement impossibility.

: B+line.

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

: signal path. (RF)

Circled numbers are waveform references.

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

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

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

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

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

## REFERENCE INFORMATION

### RESISTOR

: RN METAL FILM  
 : RC SOLID  
 : FPRD NONFLAMMABLE CARBON  
 : FUSE NONFLAMMABLE FUSIBLE  
 : RW NONFLAMMABLE WIREWOUND  
 : RS NONFLAMMABLE METAL OXIDE  
 : RB NONFLAMMABLE CEMENT  
 : ※ ADJUSTMENT RESISTOR

### CAPACITOR

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

### COIL

: LF-8L MICRO INDUCTOR

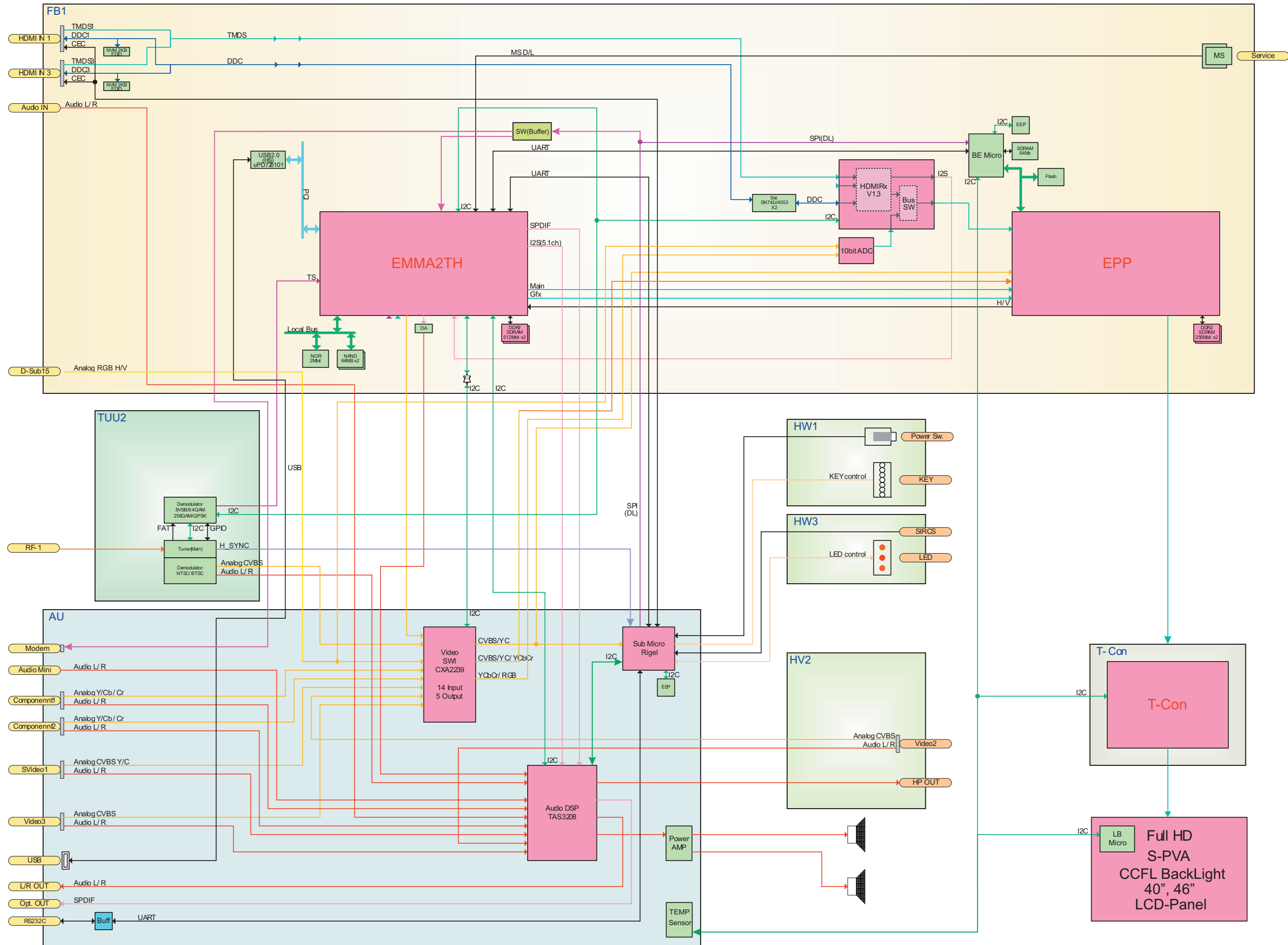
## Terminal name of semiconductors in silk screen printed circuit (※)

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

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

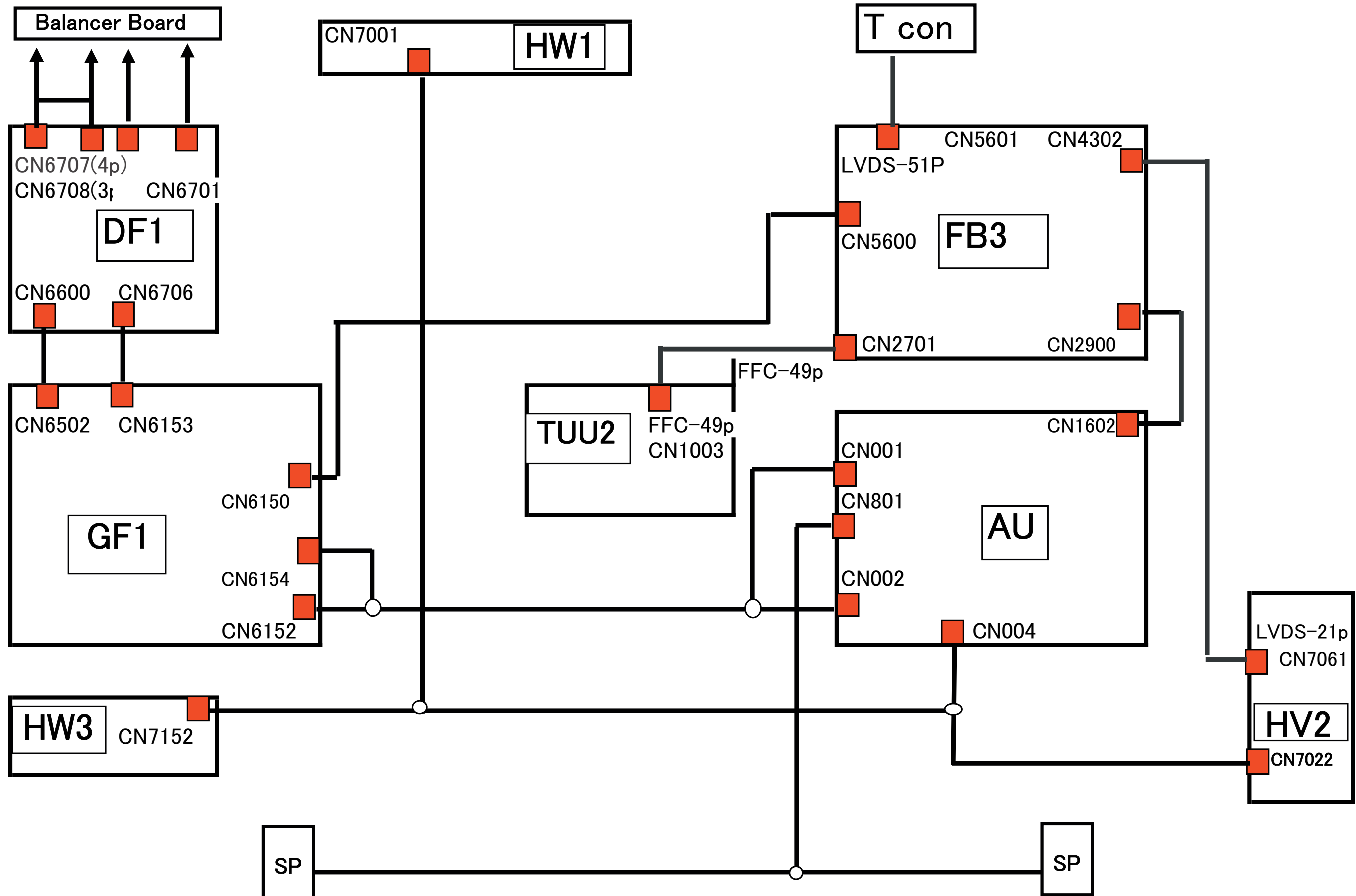
Ver.1.6

### 3-3. BLOCK DIAGRAM

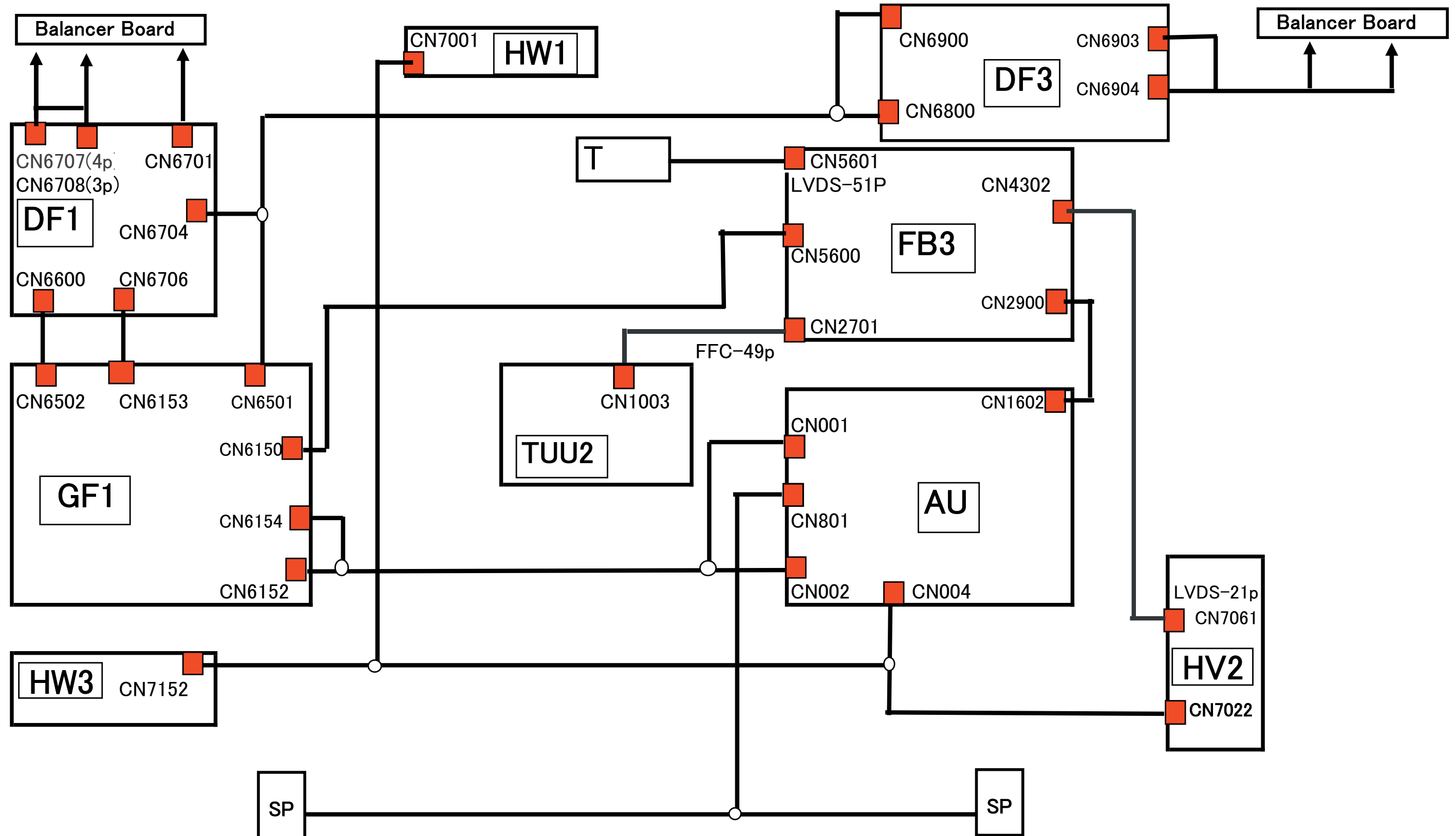




3-3-1. CONNECTOR DIAGRAM (KDL-40V3000 ONLY)

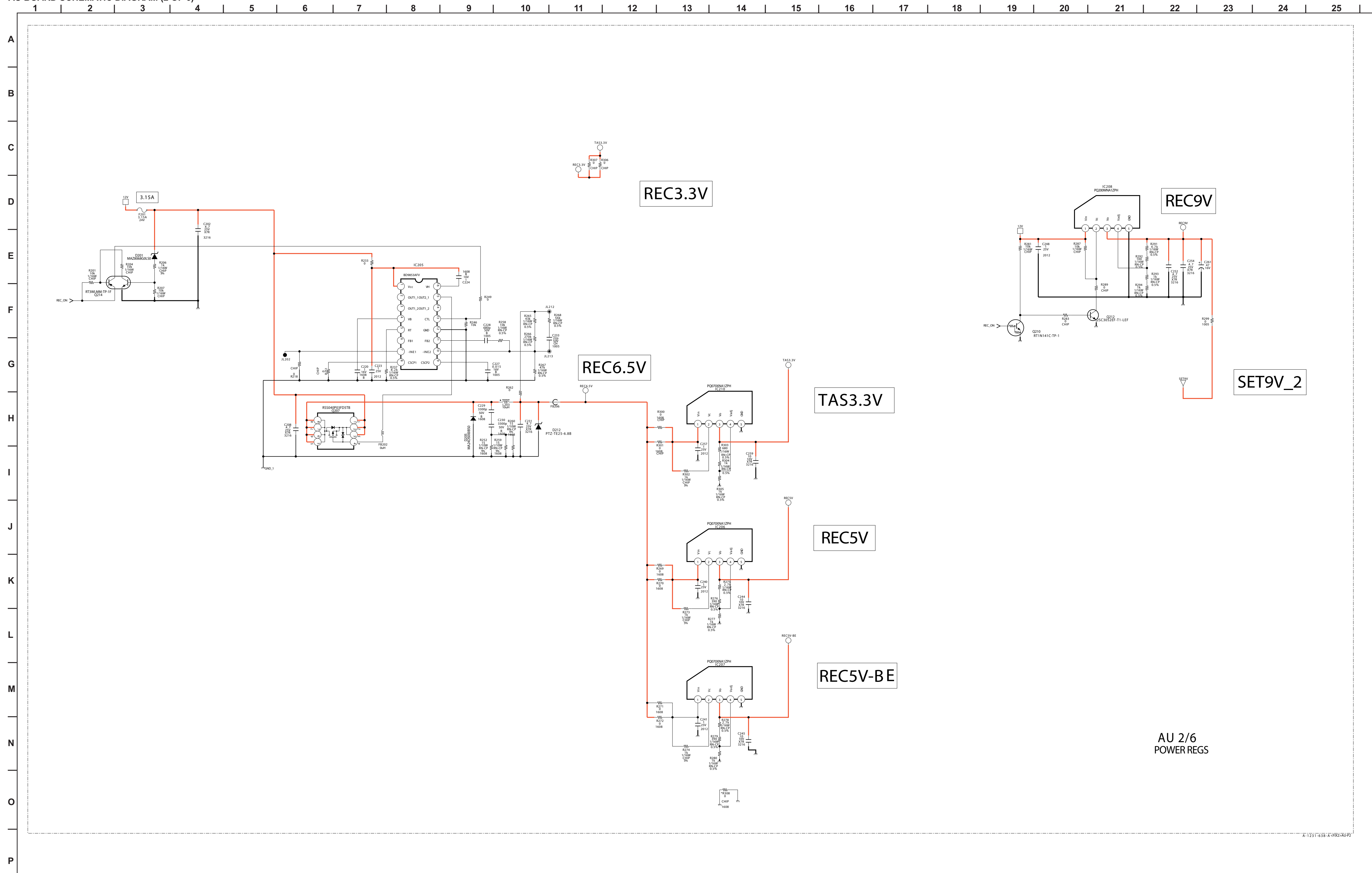


3-3-2. CONNECTOR DIAGRAM (KDL-46V3000/46VL130 ONLY)





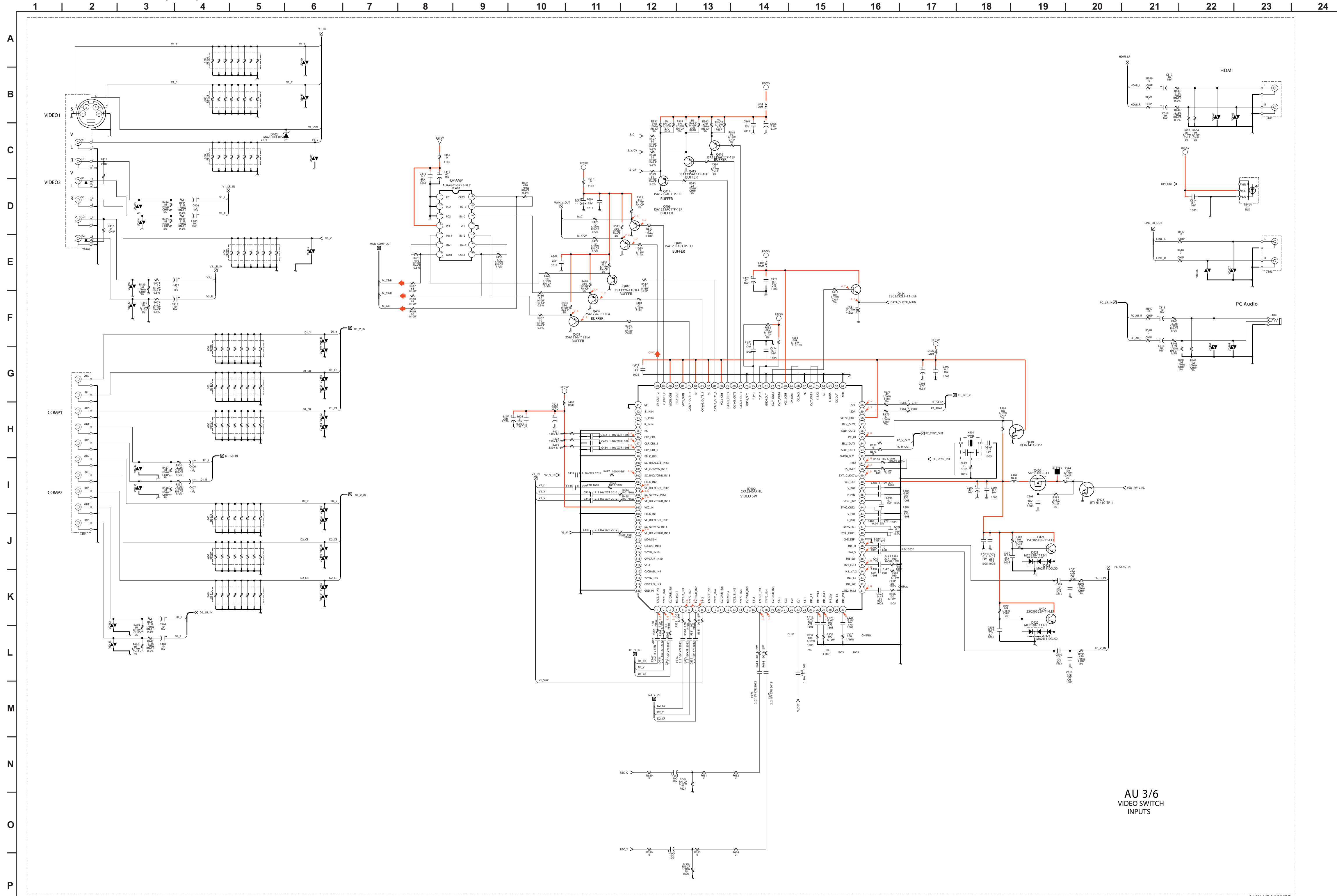
AU BOARD SCHEMATIC DIAGRAM (2 OF 6)



AU 2/6  
POWER REGS

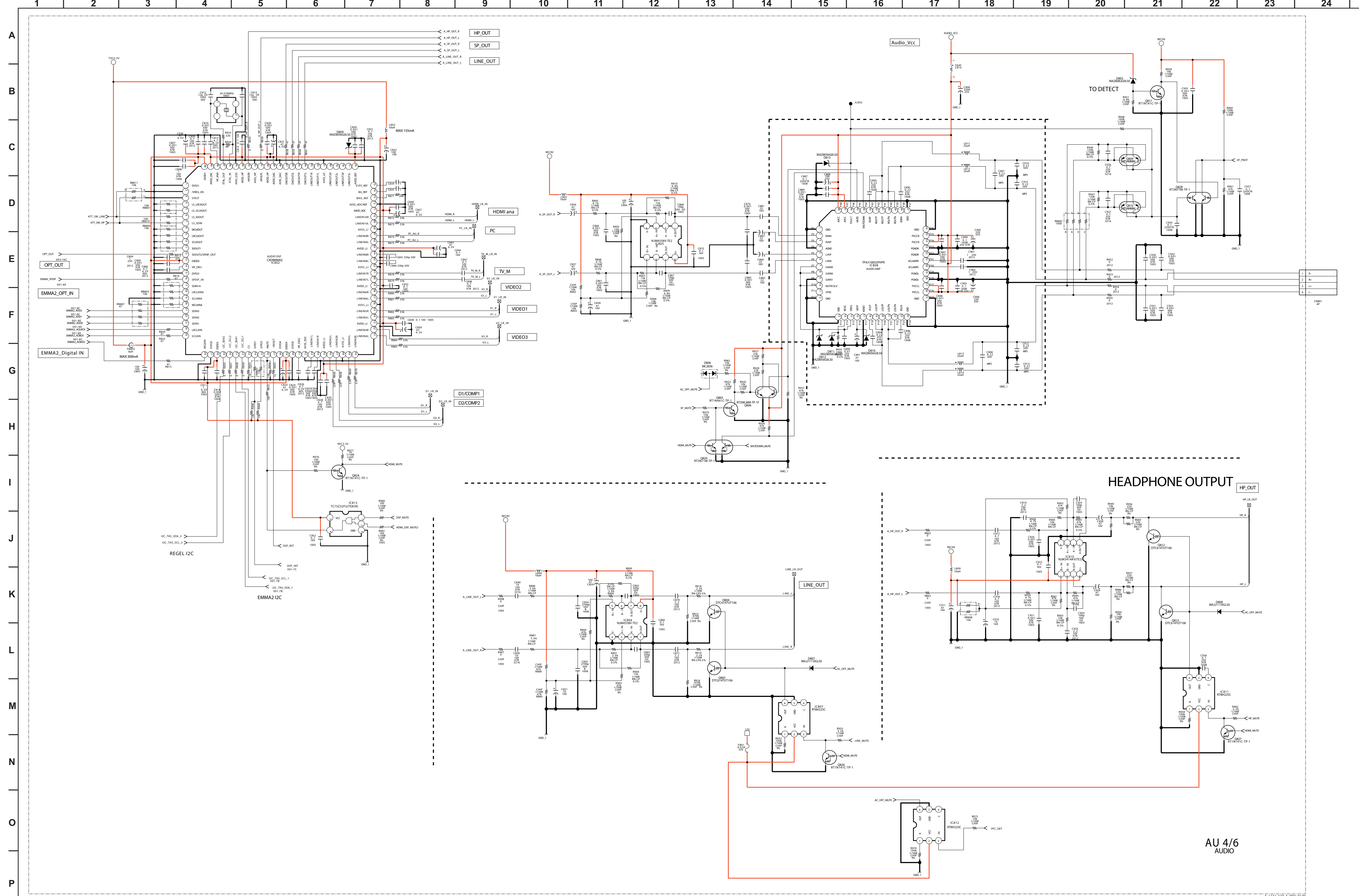
A:1231-615-A-082-0012

AU BOARD SCHEMATIC DIAGRAM (3 OF 6)



AU 3/6 VIDEO SWITCH INPUTS

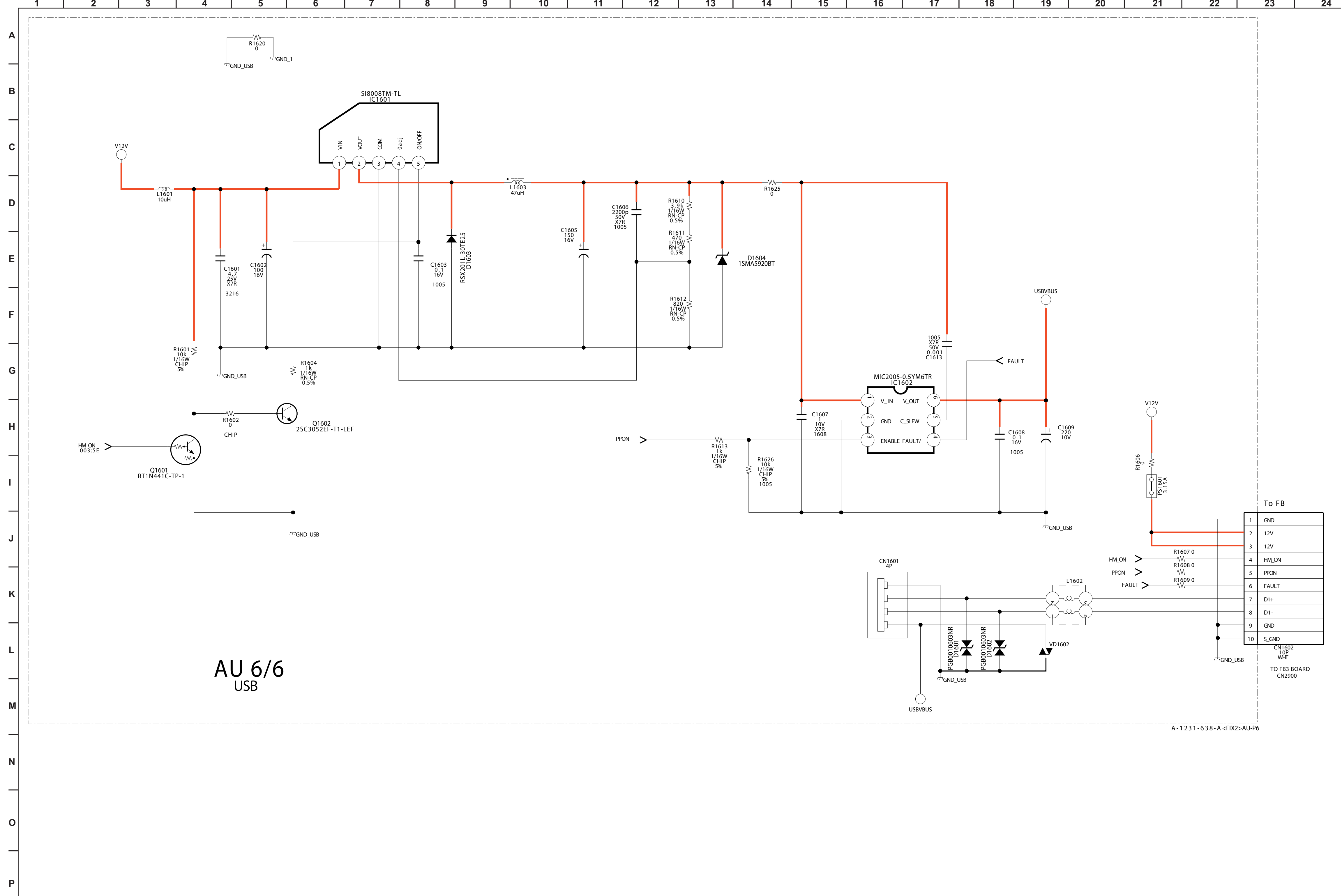
AU BOARD SCHEMATIC DIAGRAM (4 OF 6)



AU 4/6 AUDIO



AU BOARD SCHEMATIC DIAGRAM (6 OF 6)



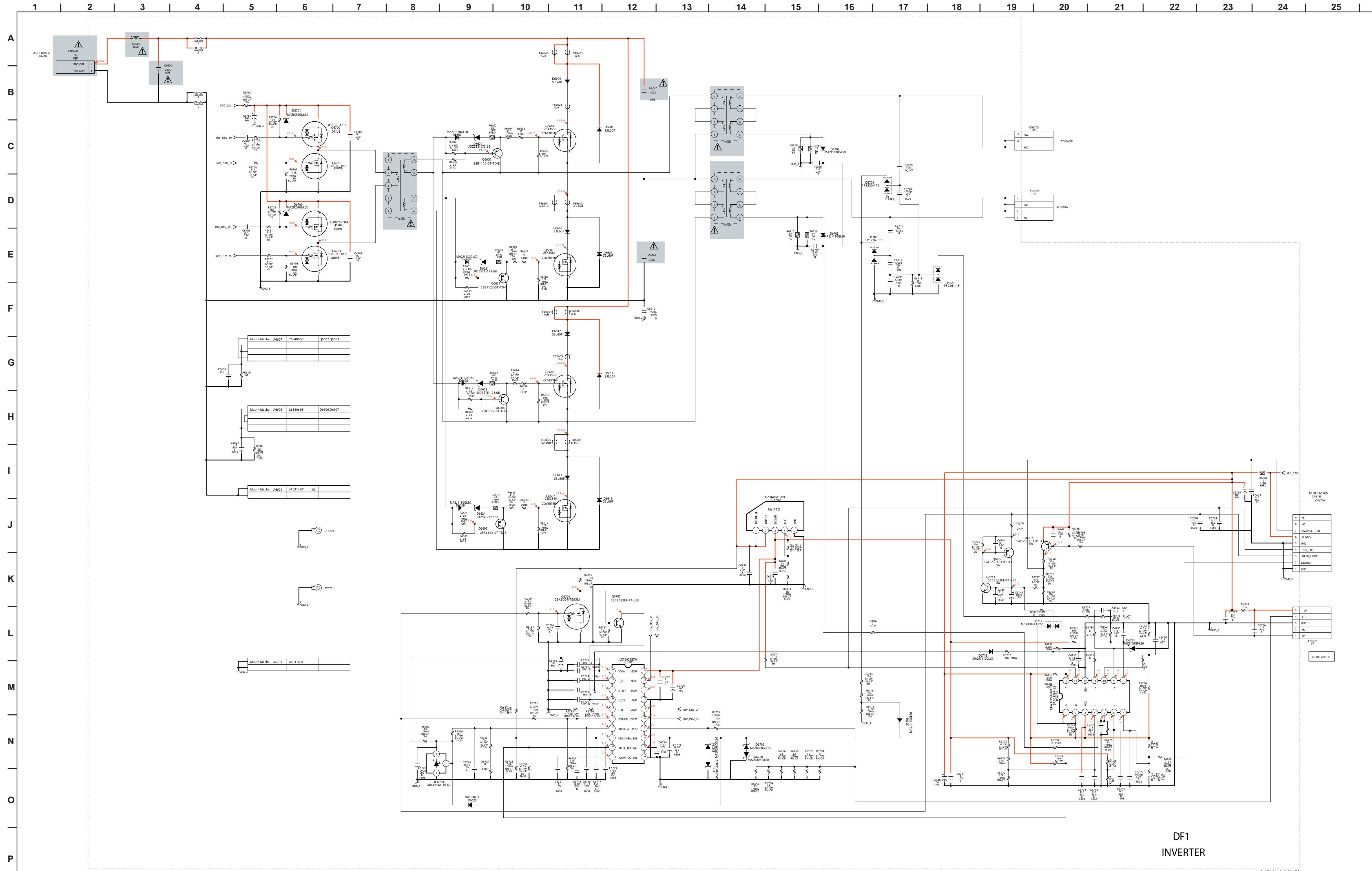
AU 6/6  
USB

A-1231-638-A <FIX2>AU-P6





DF1 BOARD SCHEMATIC DIAGRAM (KDL-40V3000 ONLY)



DF1  
INVERTER

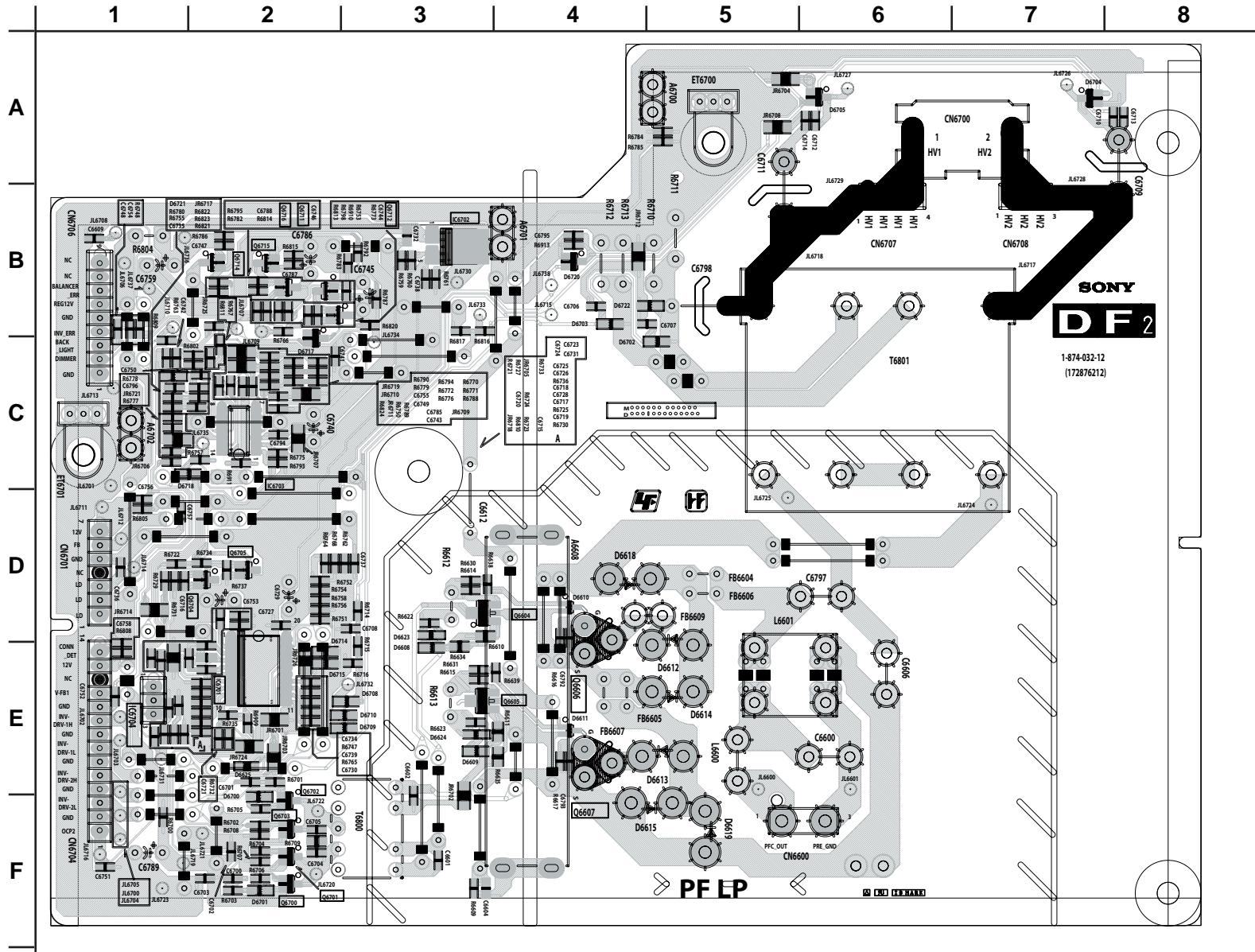




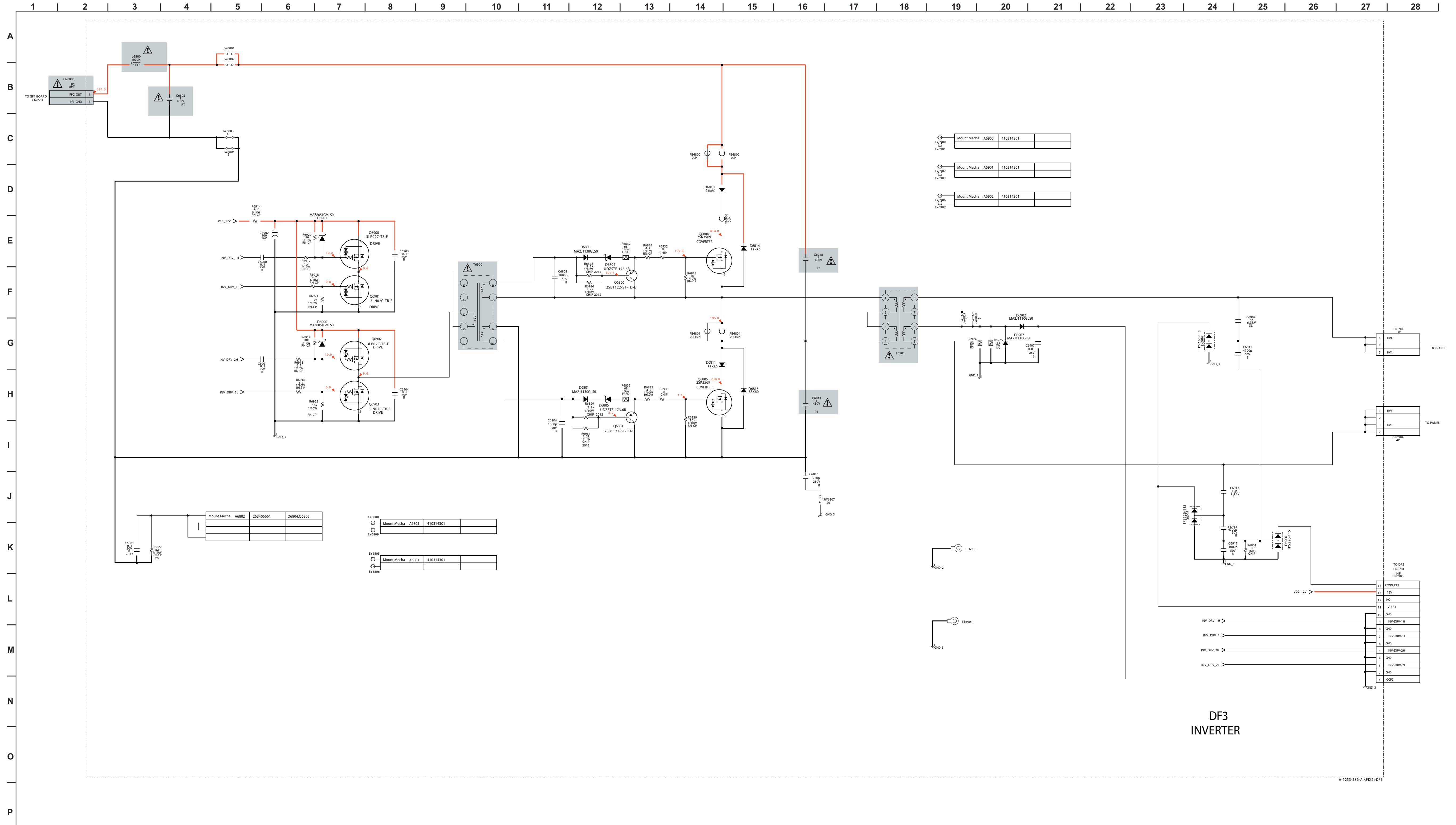




**DF2** [INVERTER]  
**CONDUCTOR SIDE**



DF3 BOARD SCHEMATIC DIAGRAM (KDL-46V3000/46VL130 ONLY)

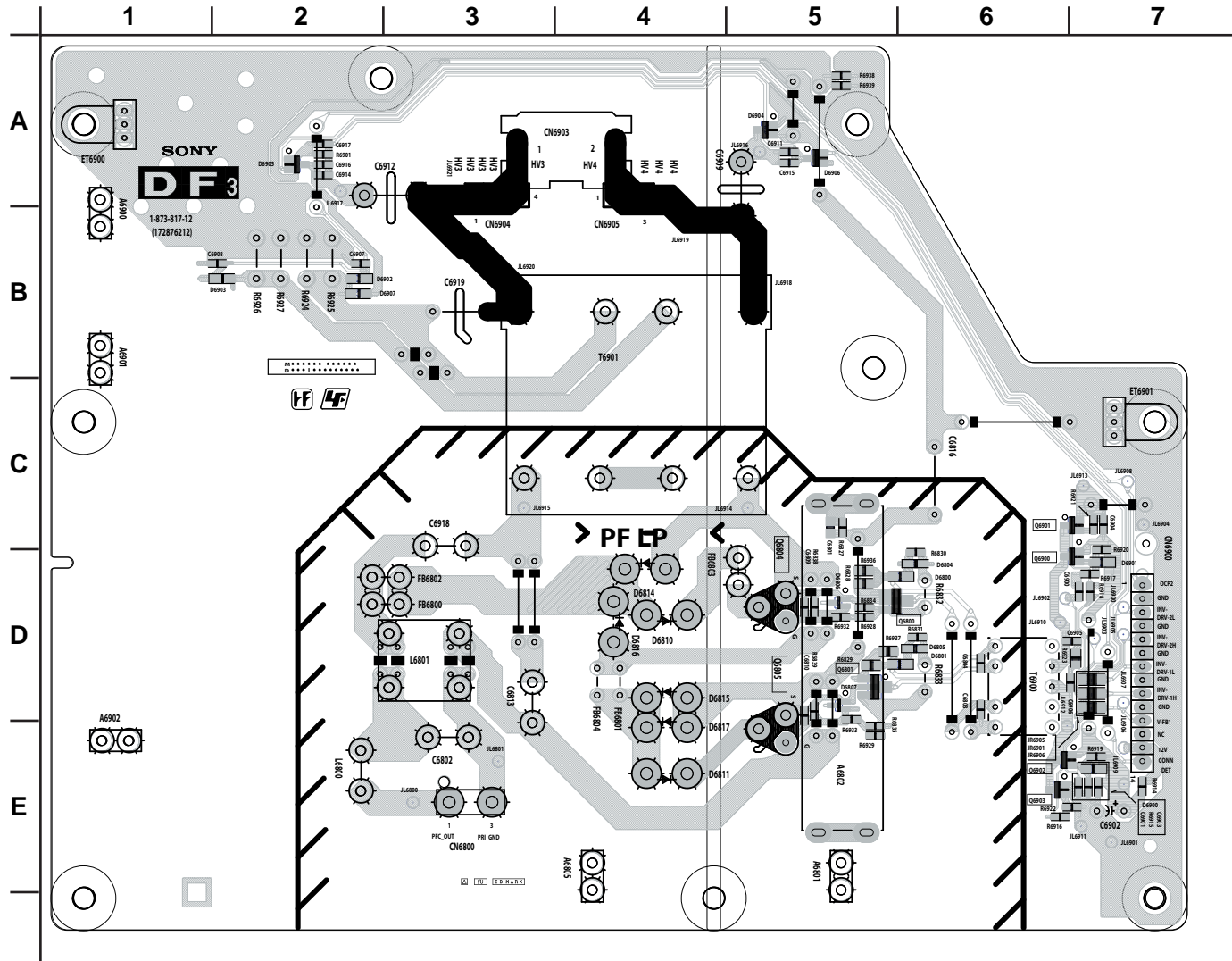


DF3  
INVERTER



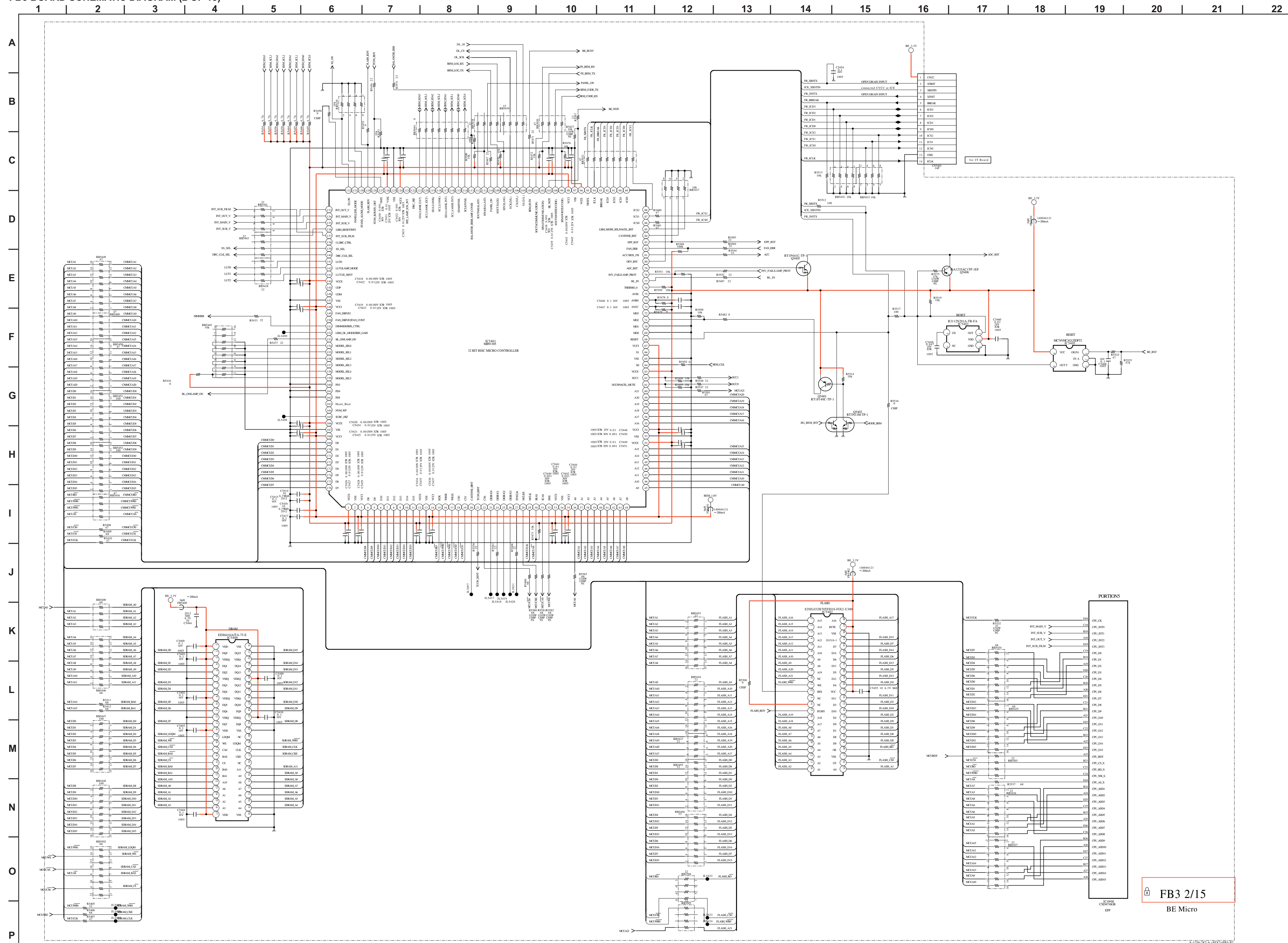


**DF3** [INVERTER]  
**CONDUCTOR SIDE**





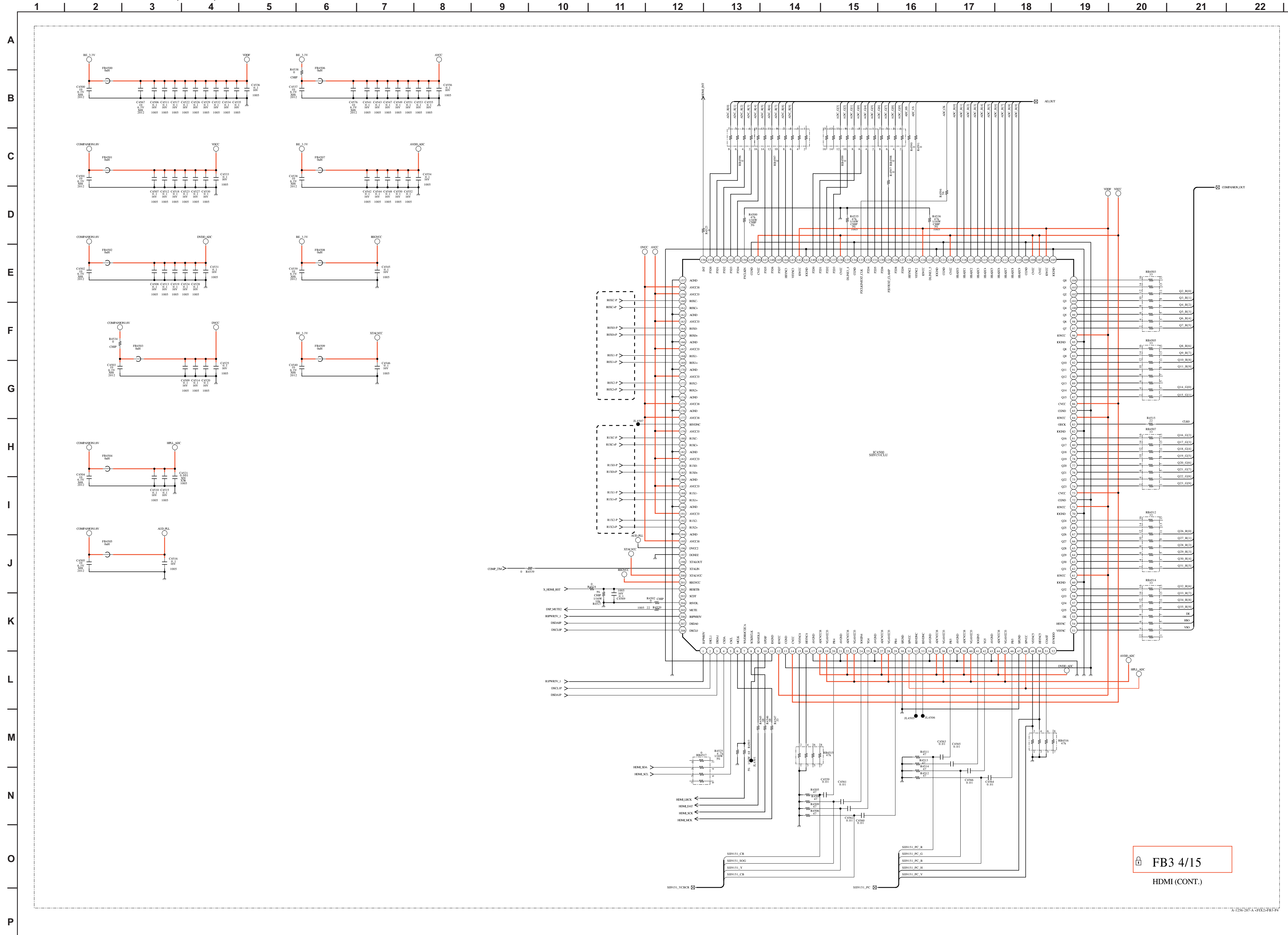
FB3 BOARD SCHEMATIC DIAGRAM (2 OF 15)



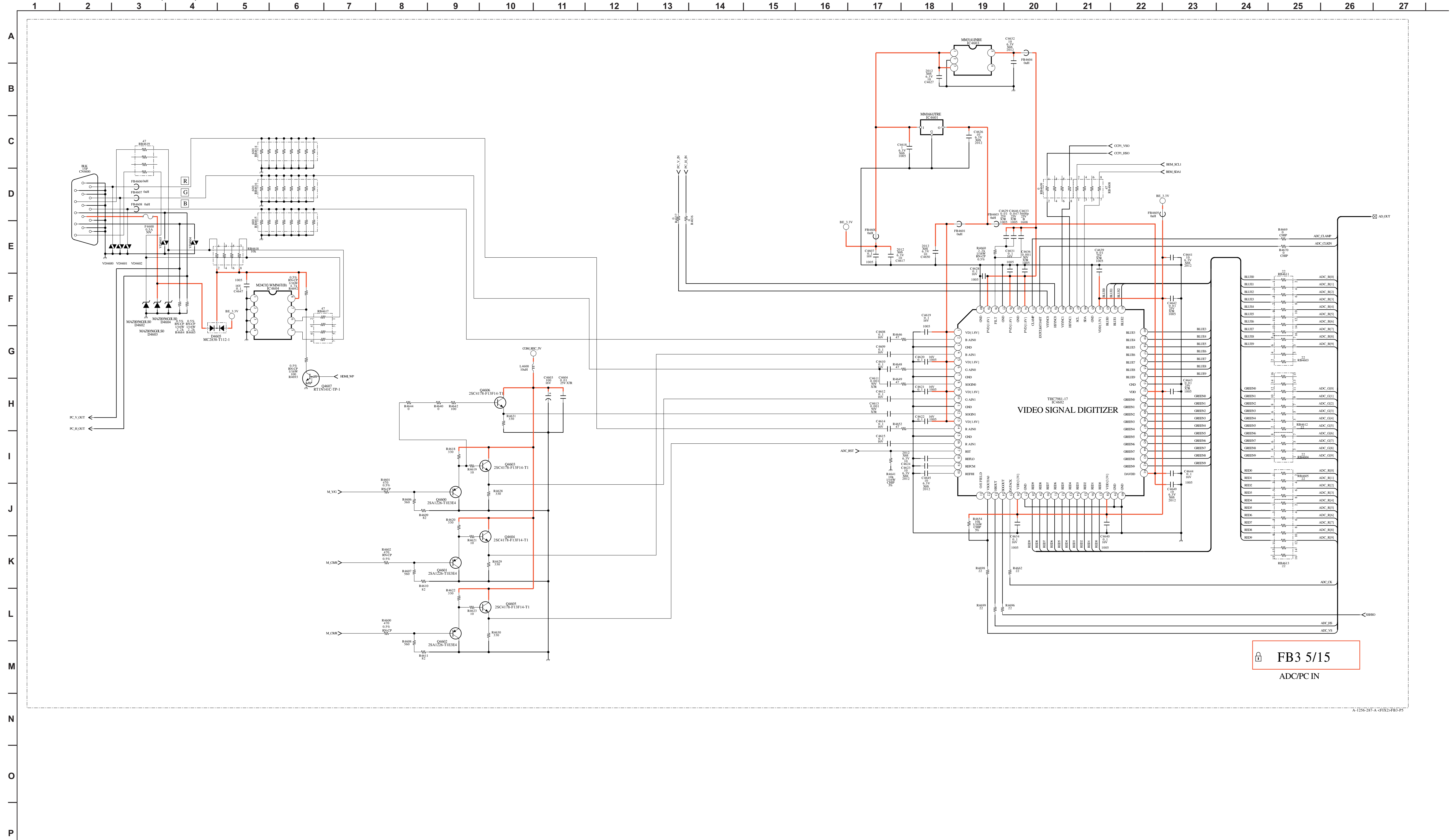
FB3 2/15  
BE Micro



FB3 BOARD SCHEMATIC DIAGRAM (4 OF 15)



FB3 BOARD SCHEMATIC DIAGRAM (5 OF 15)

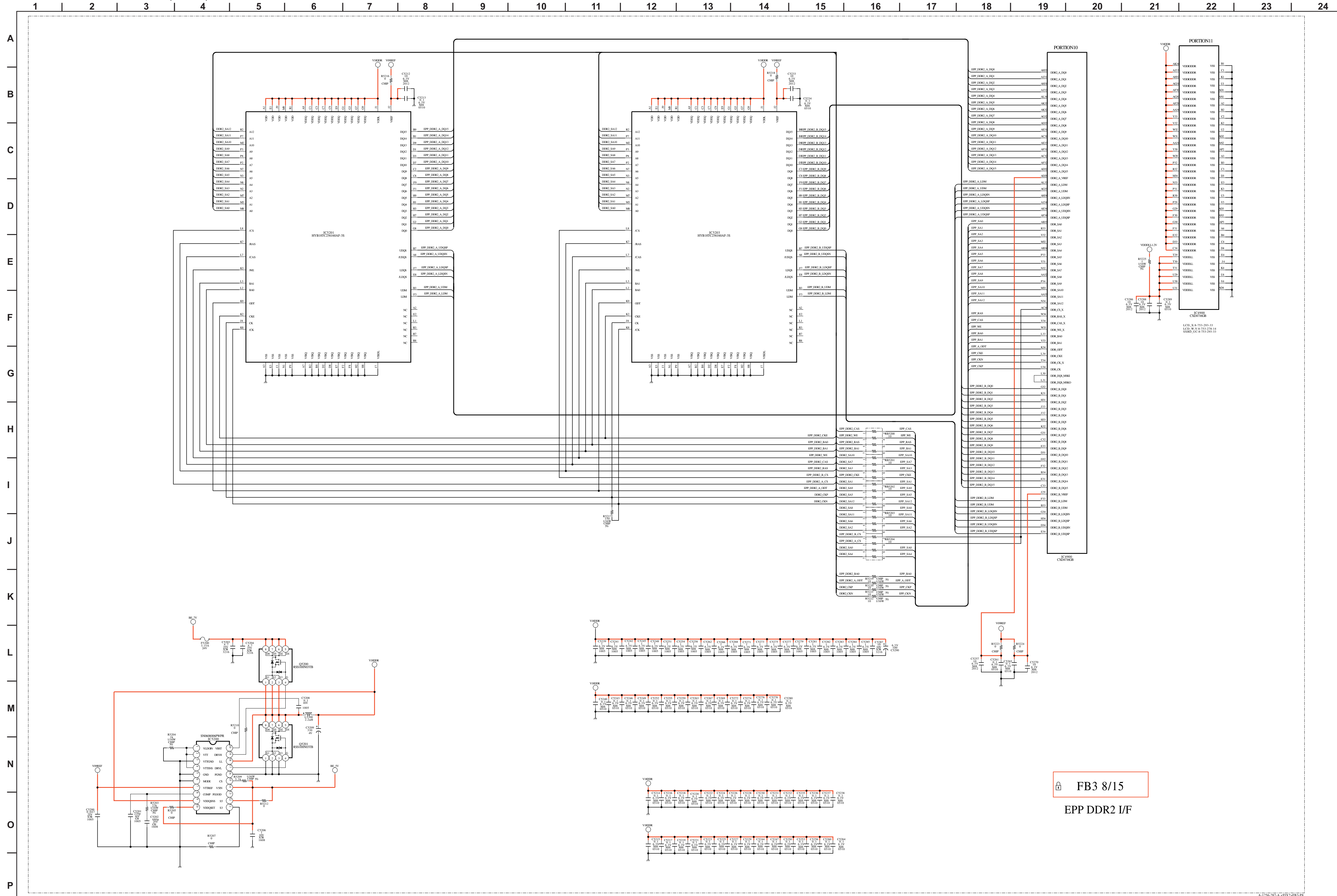






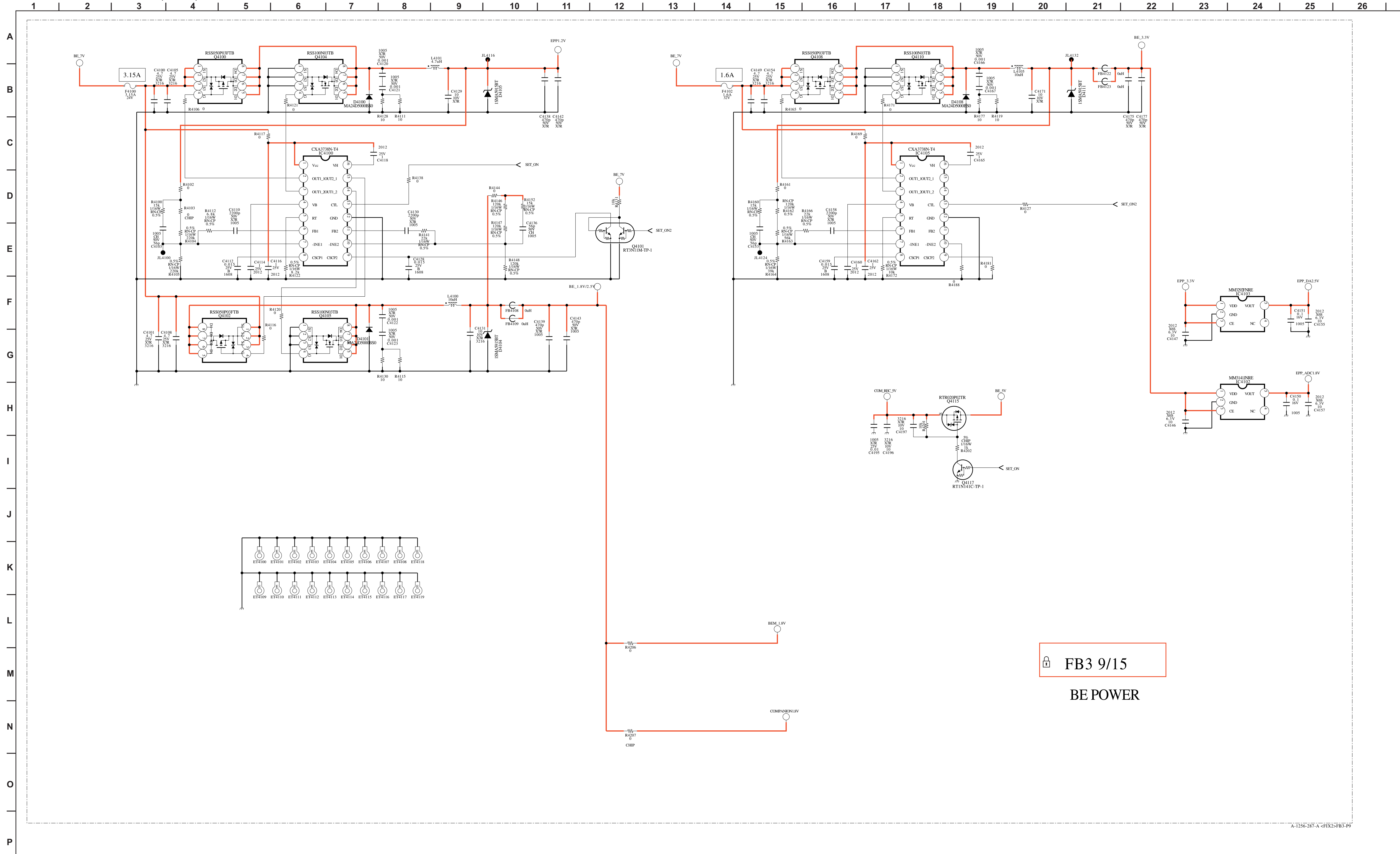


FB3 BOARD SCHEMATIC DIAGRAM (8 OF 15)



FB3 8/15  
EPP DDR2 I/F

FB3 BOARD SCHEMATIC DIAGRAM (9 OF 15)

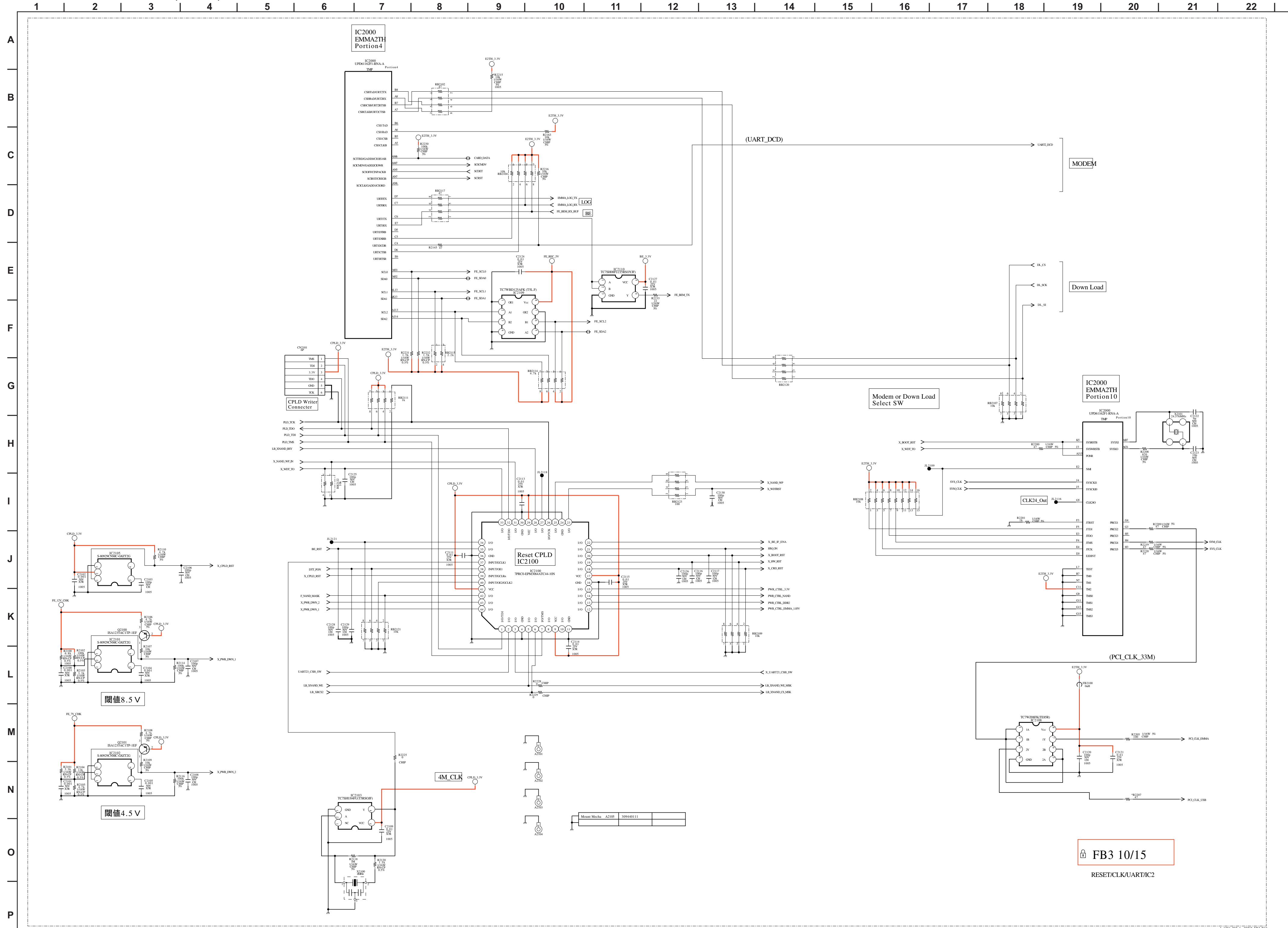


FB3 9/15

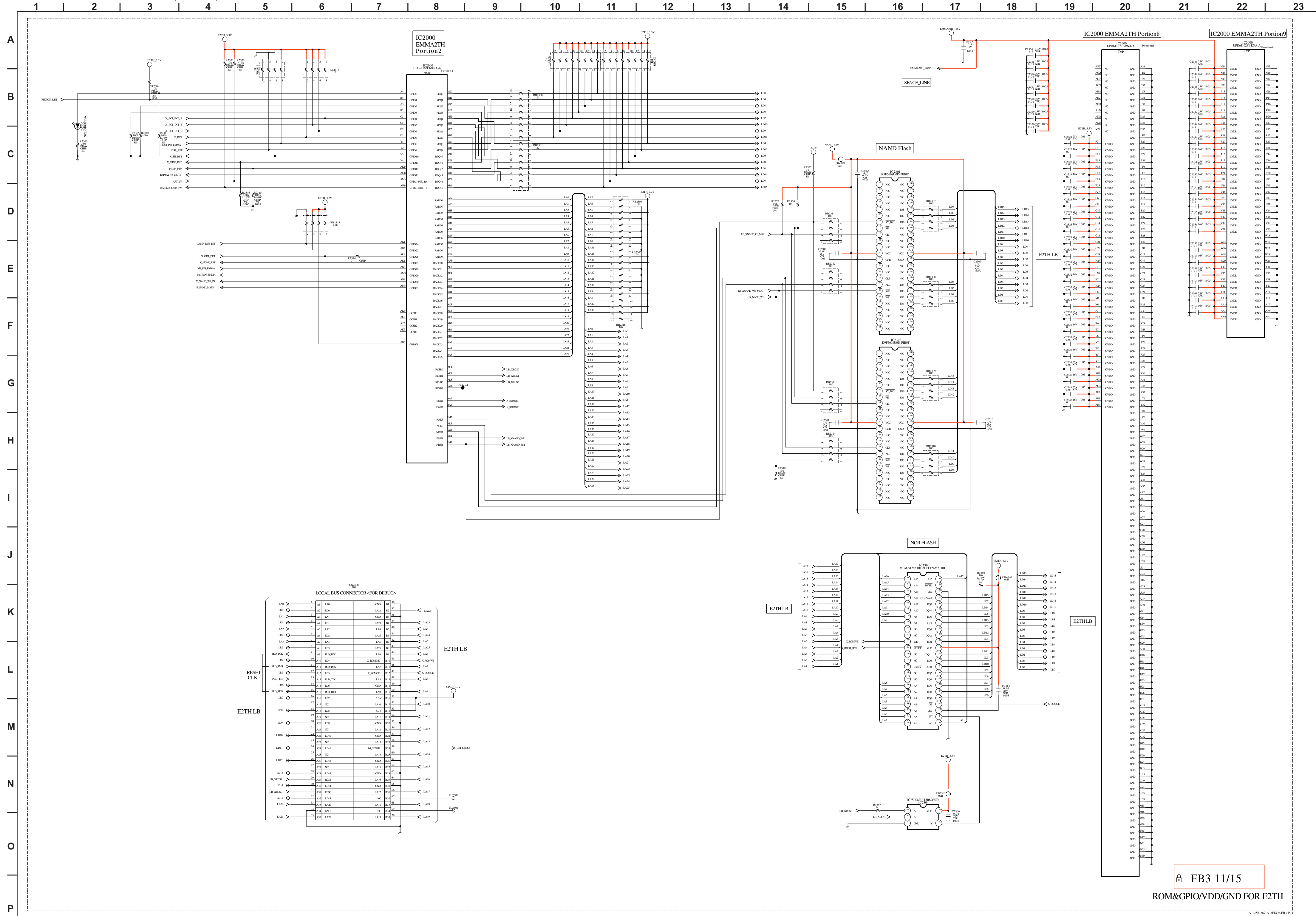
BE POWER

A-1256-287-A <FIX>-FB3-P9

FB3 BOARD SCHEMATIC DIAGRAM (10 OF 15)

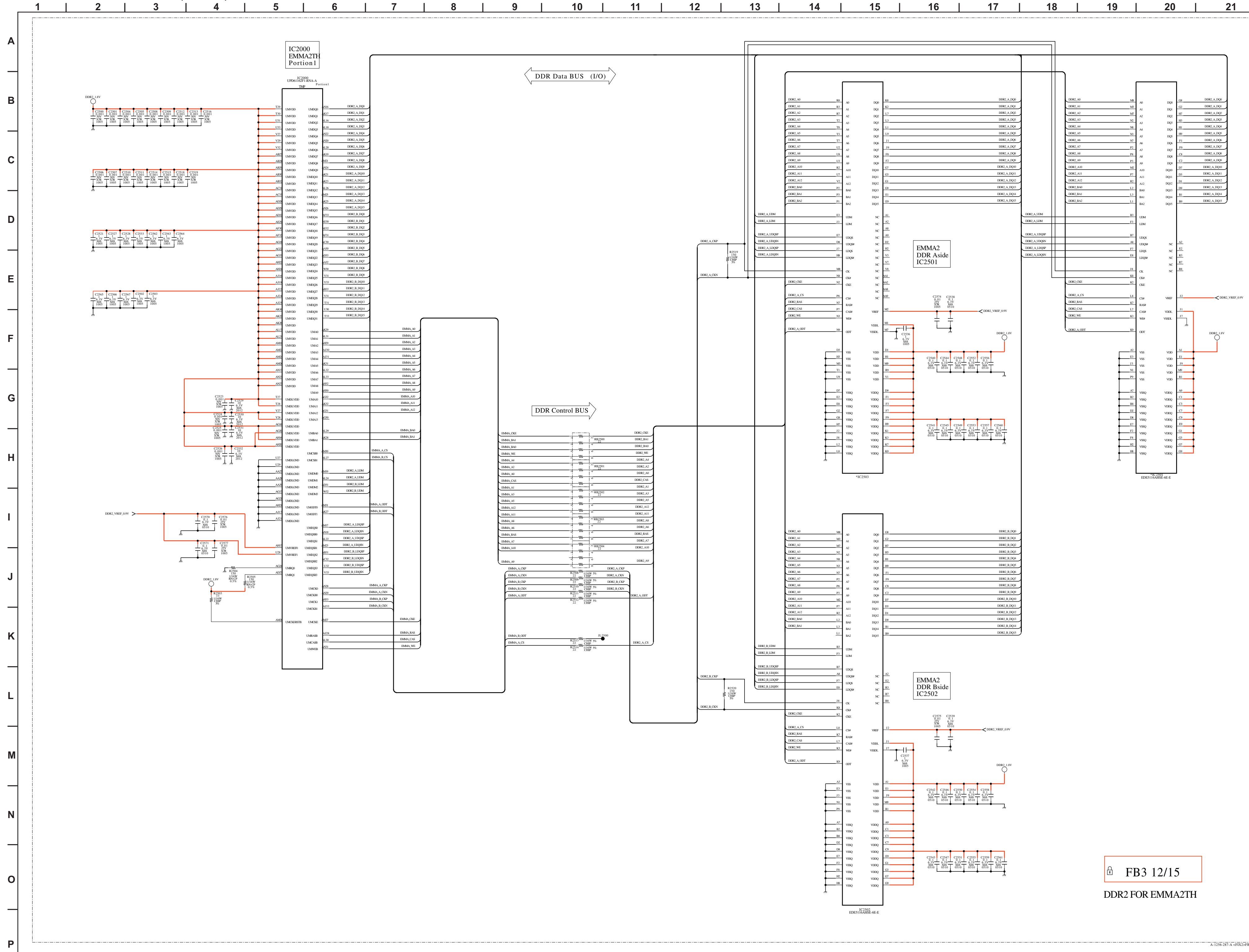


FB3 BOARD SCHEMATIC DIAGRAM (11 OF 15)



FB3 11/15  
ROM&GPIO/DD/GND FOR E2TH

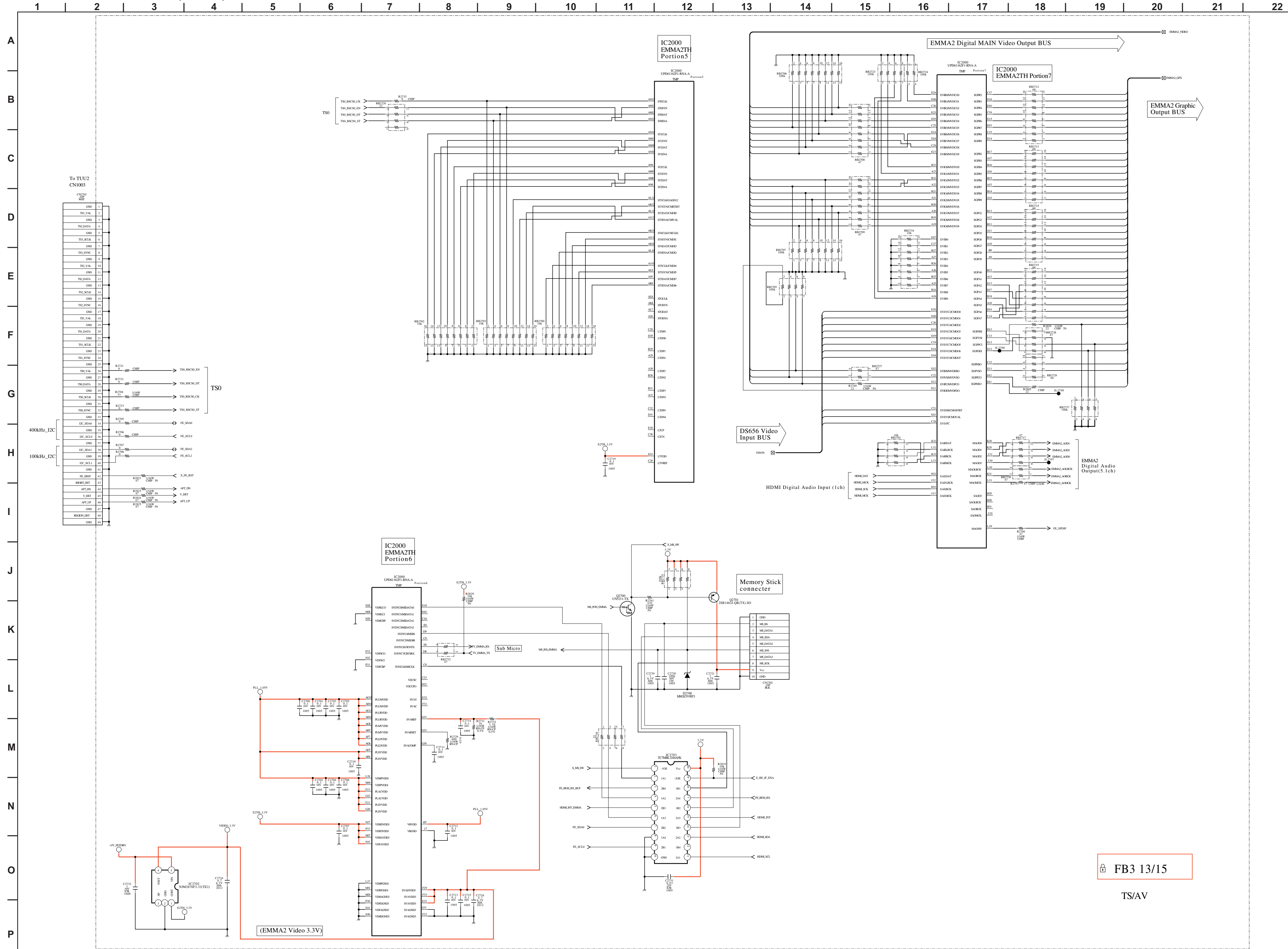
FB3 BOARD SCHEMATIC DIAGRAM (12 OF 15)



FB3 12/15

DDR2 FOR EMMA2TH

FB3 BOARD SCHEMATIC DIAGRAM (13 OF 15)



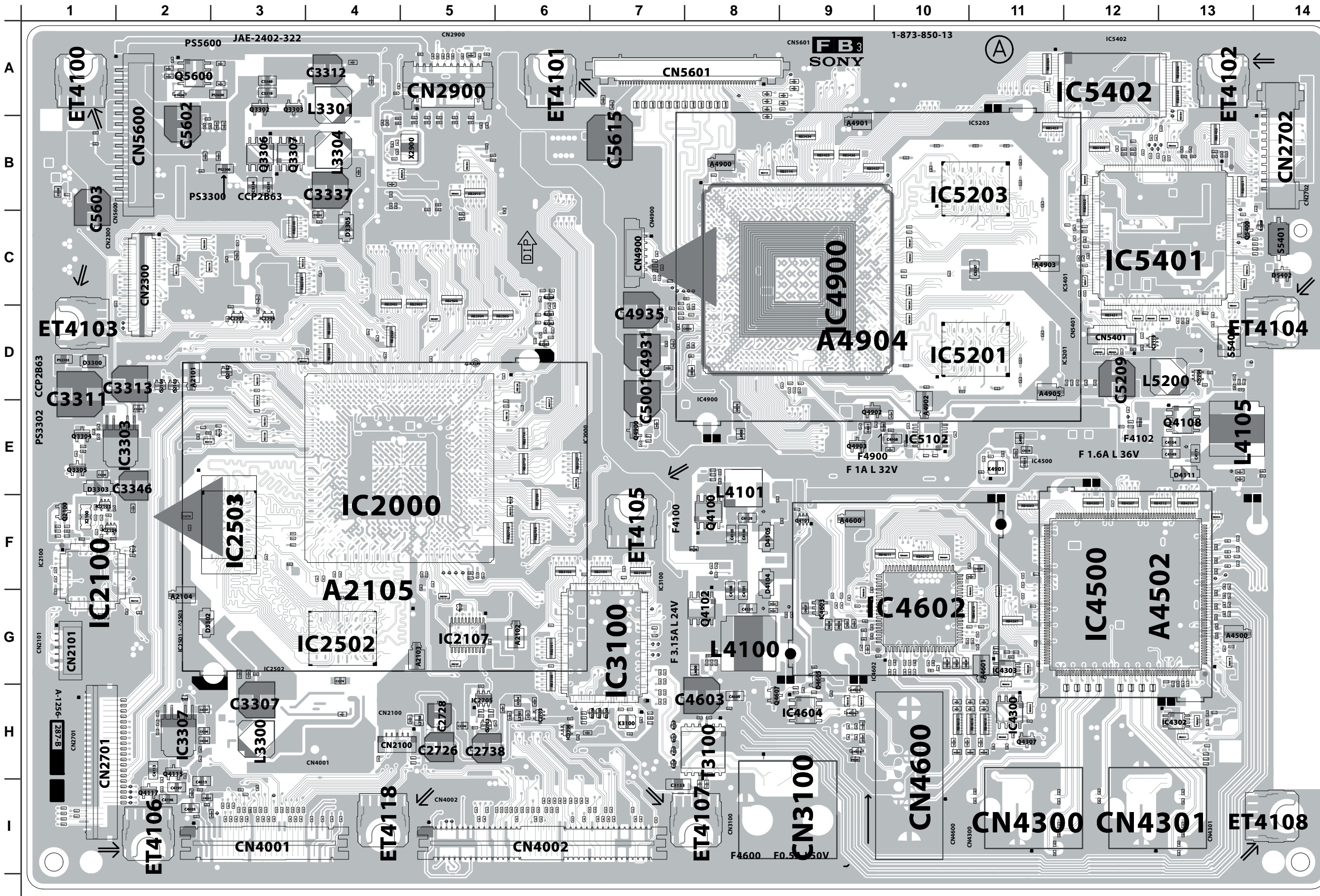
FB3 13/15  
TS/AV



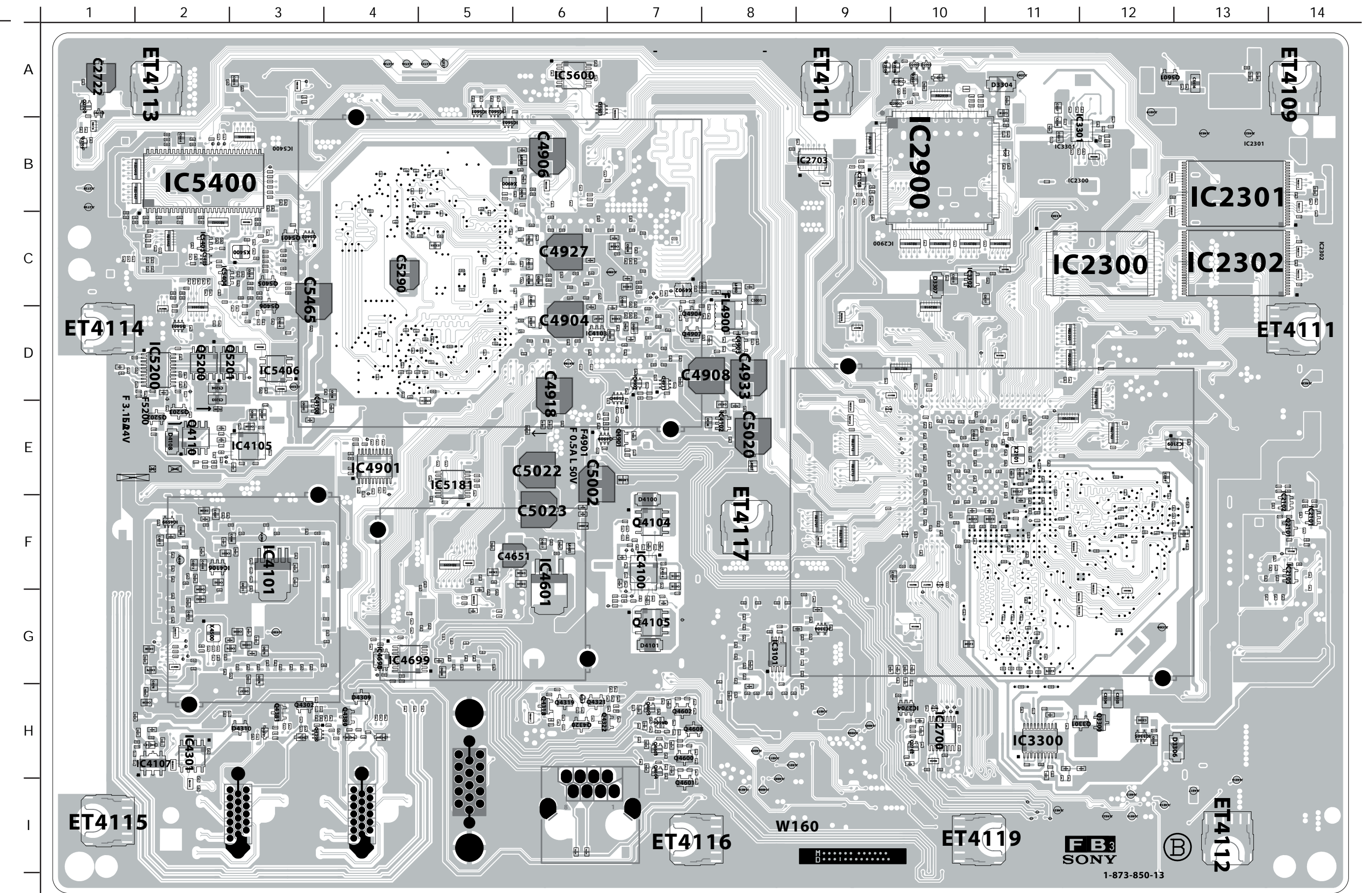




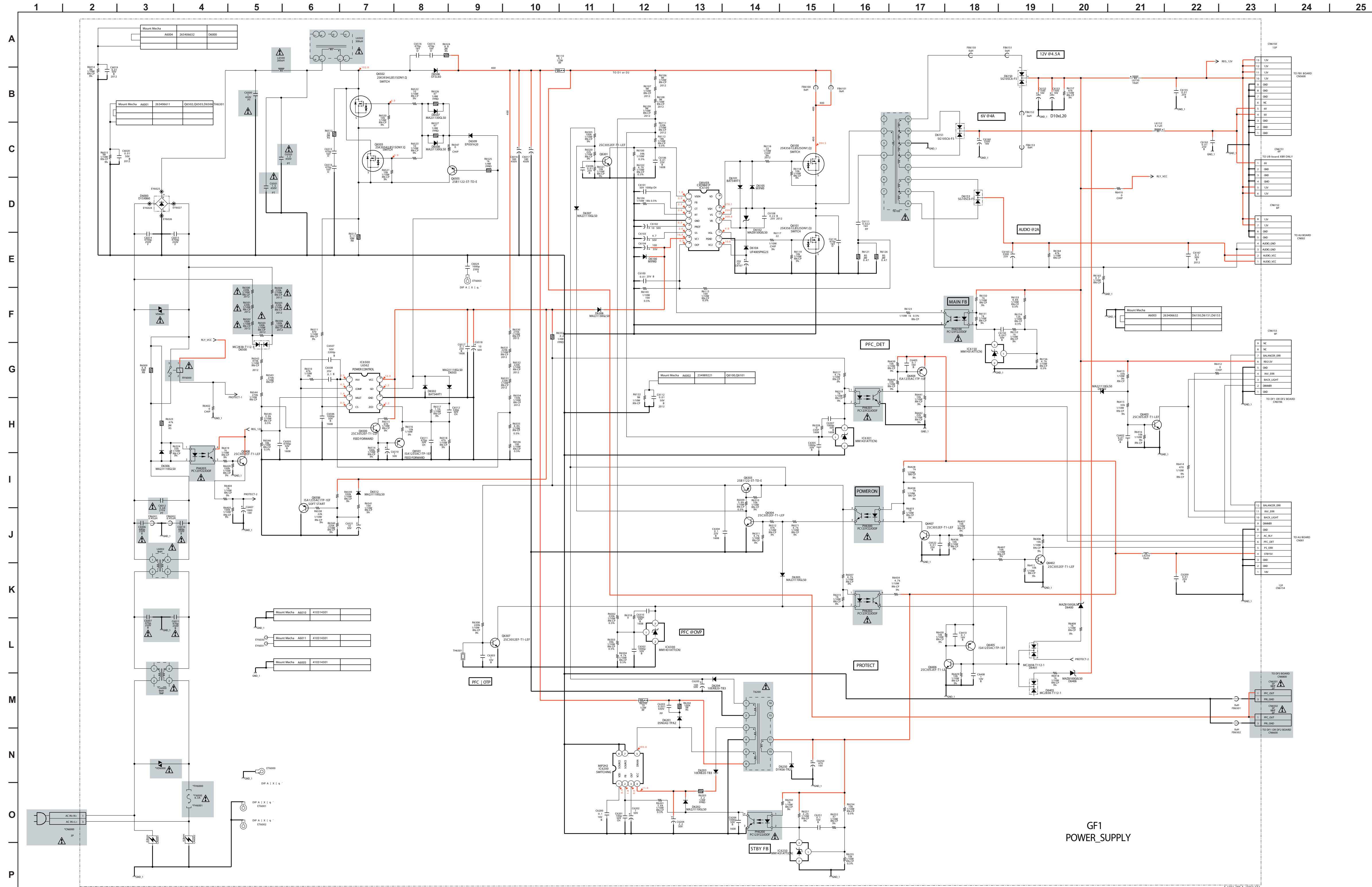
**FB3** [CONNECTORS, LVDS, BE MICRO, HDMI, ADC, PC IN, EPP POWER AND CLOCK, EPP IN/OUT, EPP DDR2 I/F, BE POWER, RESET, CLOCK, UART, IC2, ROM & GPIO, VDD, GND FOR E2TH, DDR2 FOR EMMA2TH, TS, AV, PCI, USB, CARD I/F, POWER]  
**COMPONENT SIDE**



**FB3** [CONNECTORS, LVDS, BE MICRO, HDMI, ADC, PC IN, EPP POWER AND CLOCK, EPP IN/OUT, EPP DDR2 I/F, BE POWER, RESET, CLOCK, UART, IC2, ROM & GPIO, VDD, GND FOR E2TH, DDR2 FOR EMMA2TH, TS, AV, PCI, USB, CARD I/F, POWER]  
**CONDUCTOR SIDE**

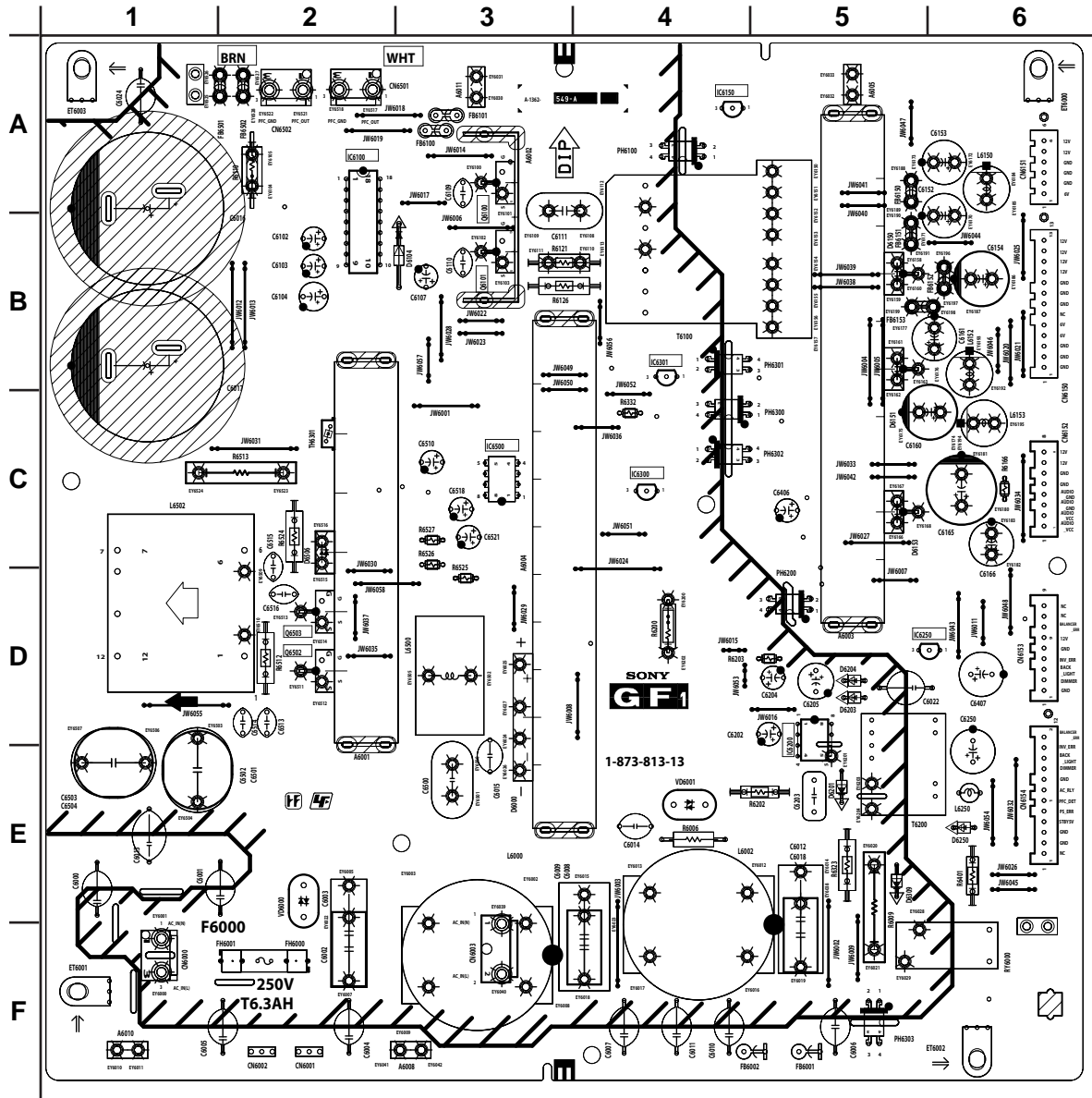


GF1 BOARD SCHEMATIC DIAGRAM



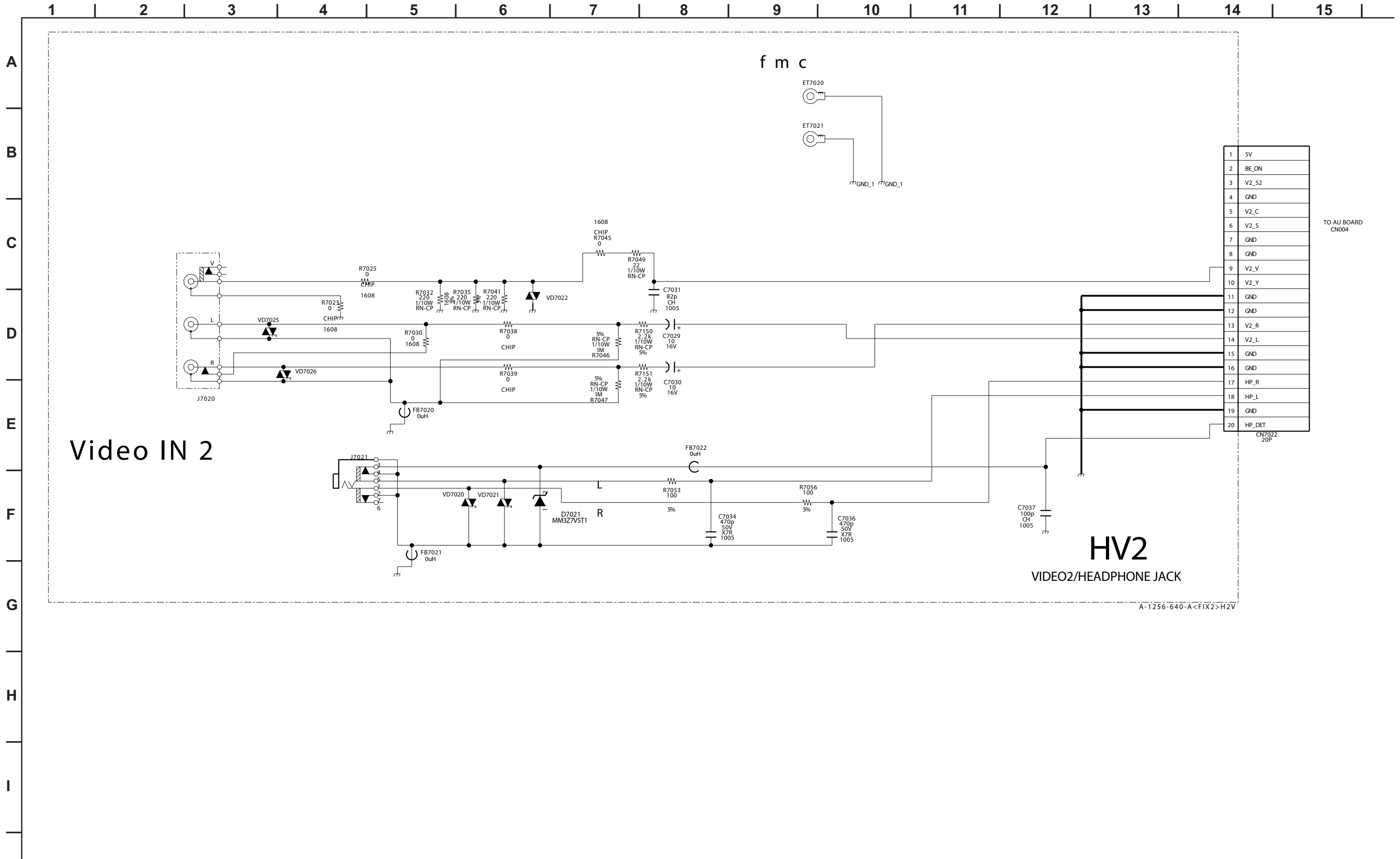
GF1 POWER\_SUPPLY

**GF1** [POWER SUPPLY]  
**COMPONENT SIDE**





HV2 BOARD SCHEMATIC DIAGRAM



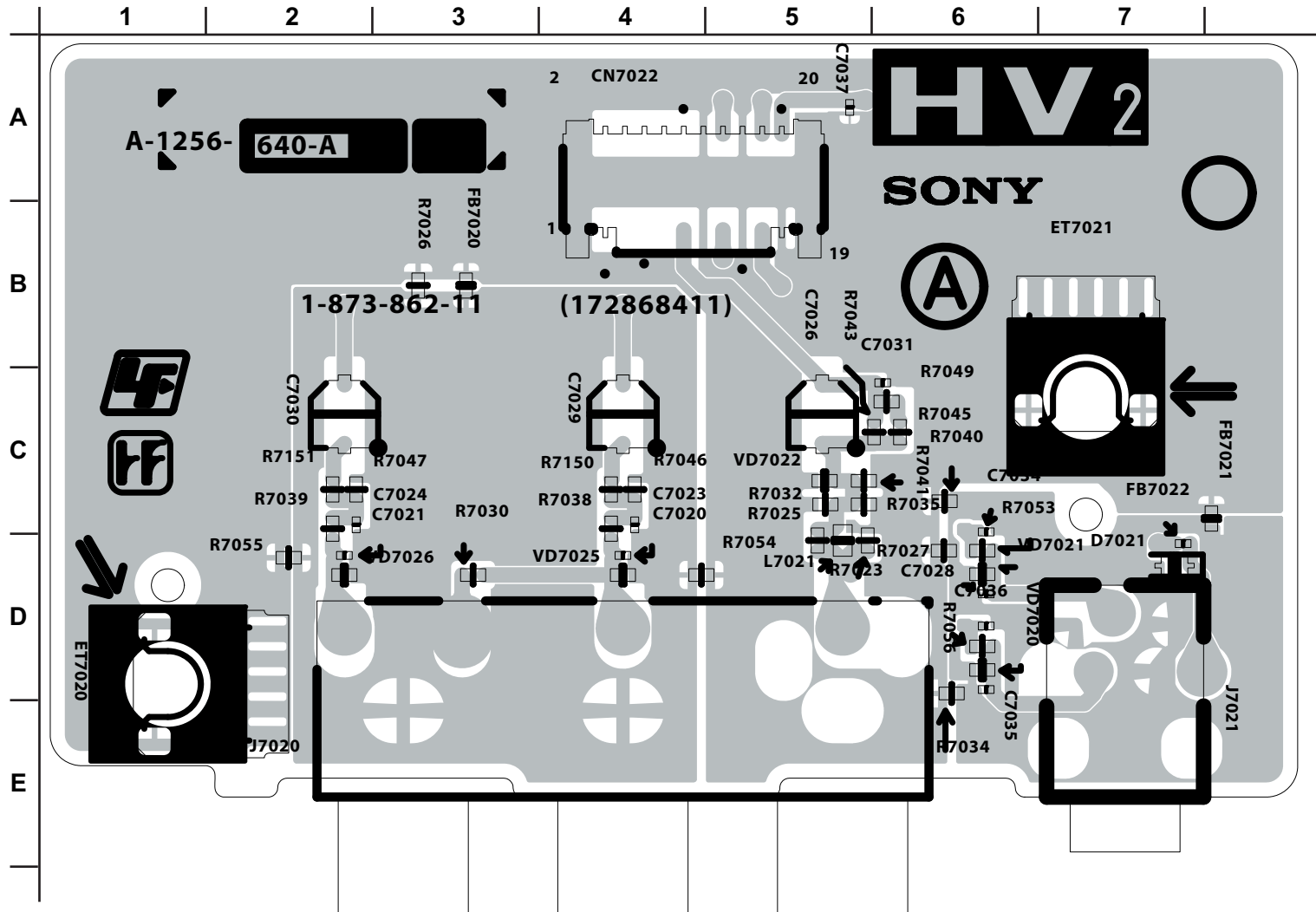
1	5V
2	BE_ON
3	V2_S2
4	GND
5	V2_C
6	V2_S
7	GND
8	GND
9	V2_V
10	V2_Y
11	GND
12	GND
13	V2_R
14	V2_L
15	GND
16	GND
17	HP_R
18	HP_L
19	GND
20	HP_DET

TO AU BOARD  
CN004

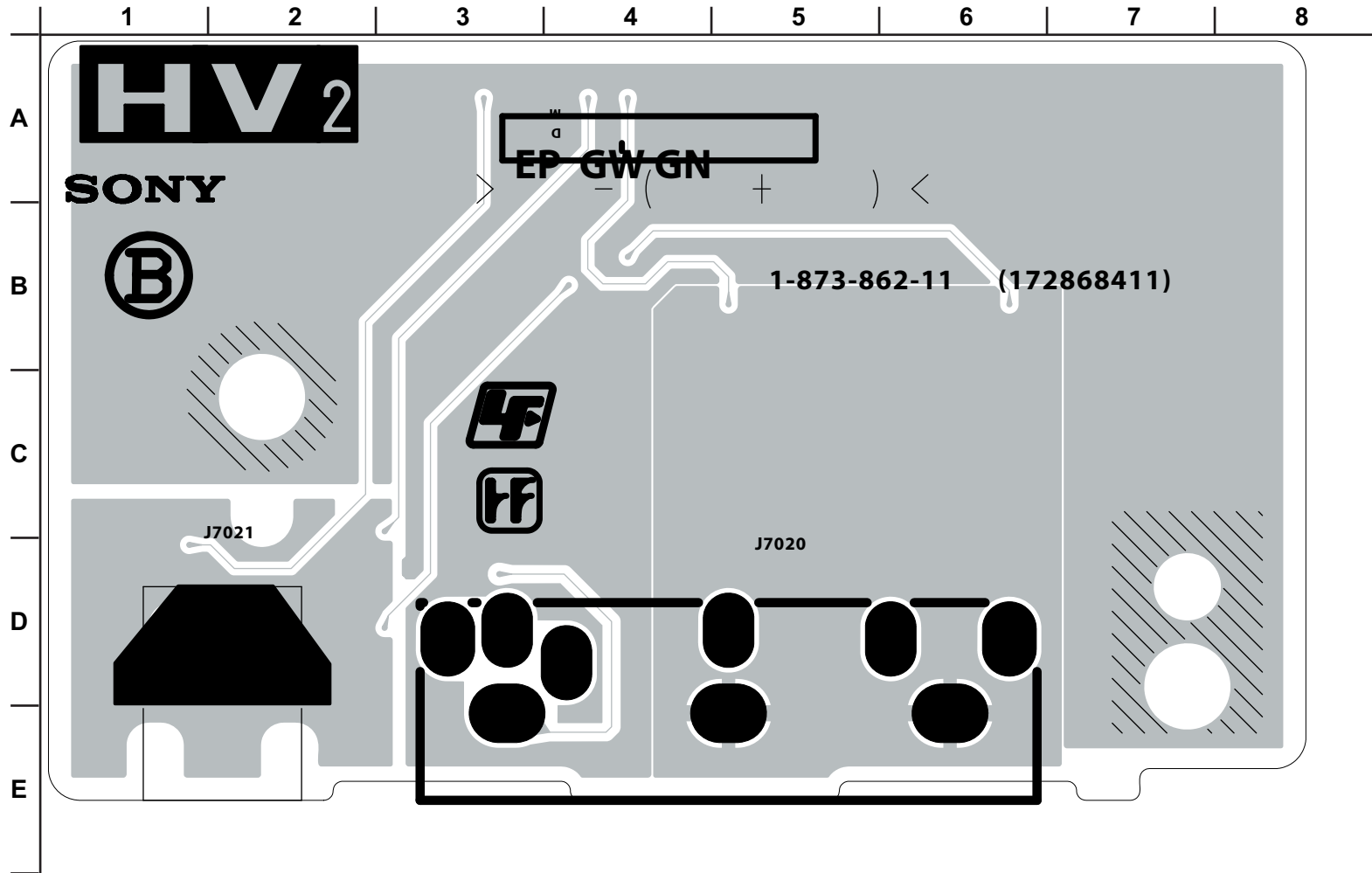
**HV2**  
VIDEO2/HEADPHONE JACK

A-1256-640-A<FIX2>H2V

**HV2** [VIDEO2, HEADPHONE JACK]  
**COMPONENT SIDE**

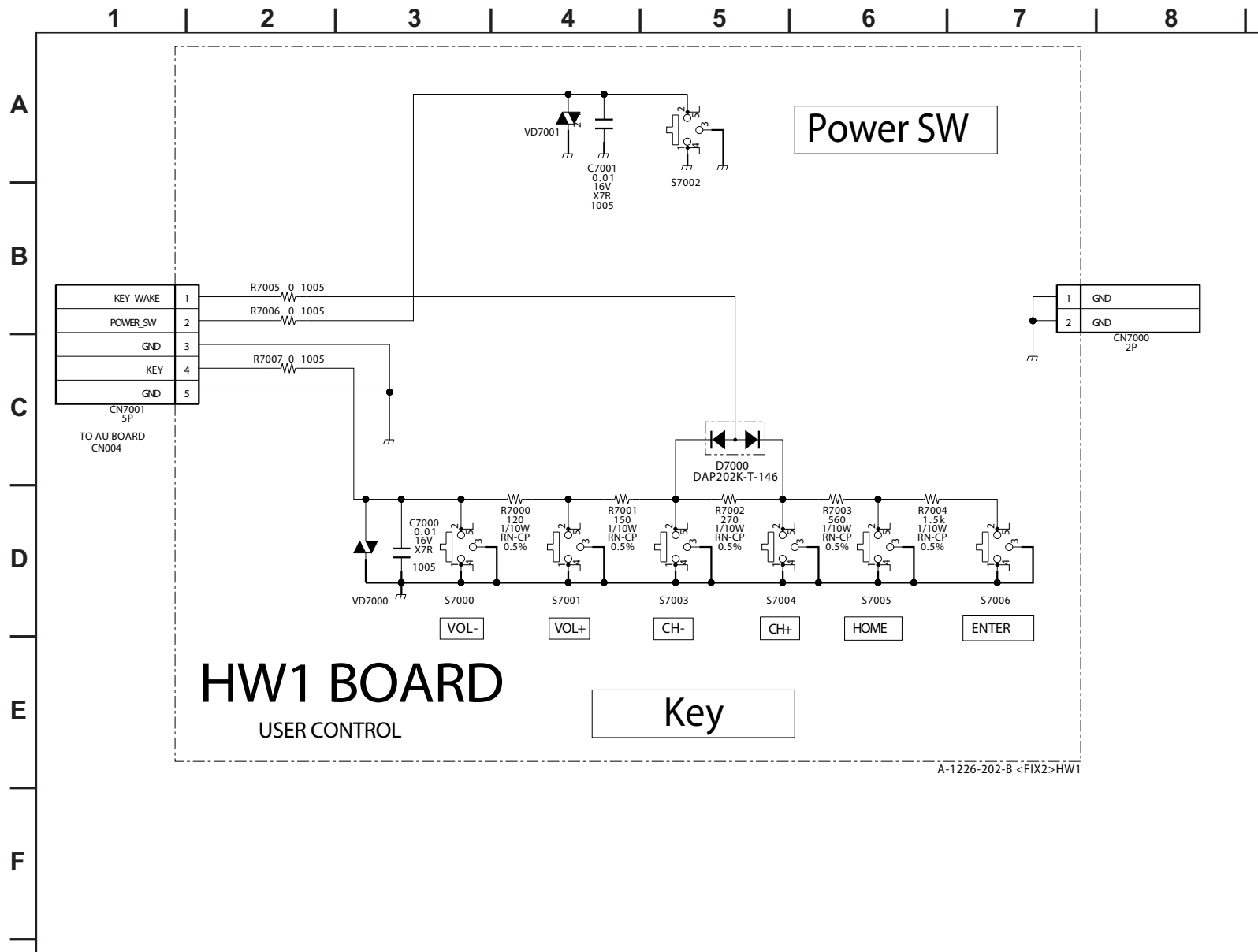


**HV2** [VIDEO2, HEADPHONE JACK]  
CONDUCTOR SIDE

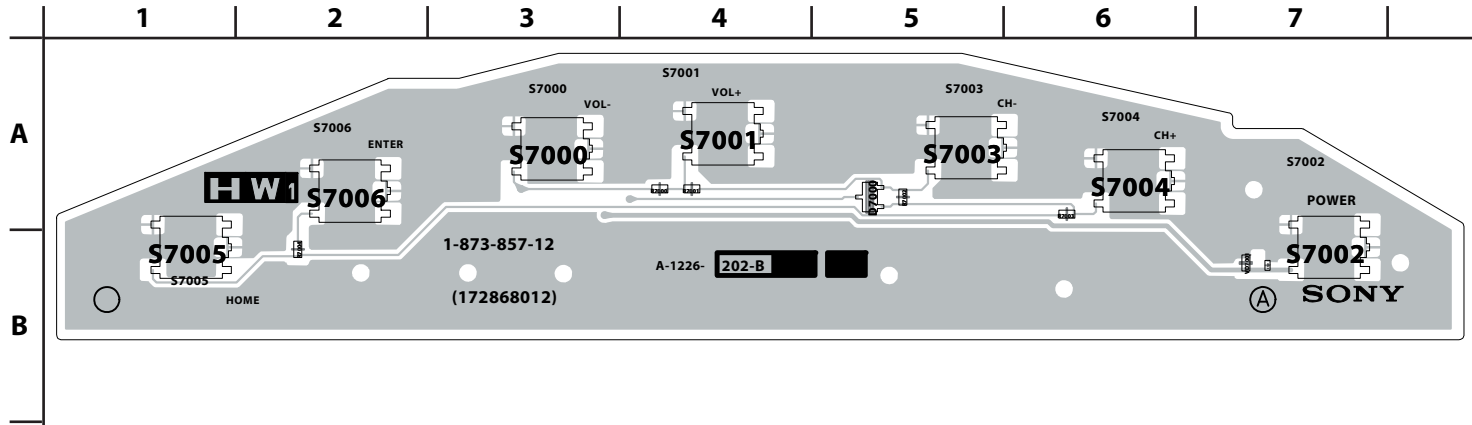




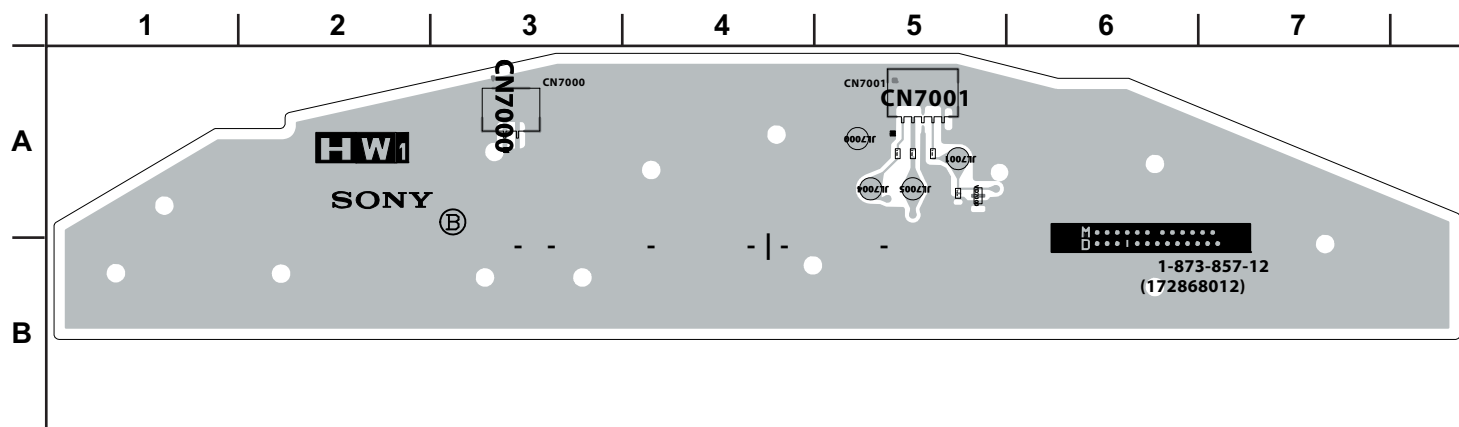
# HW1 BOARD SCHEMATIC DIAGRAM



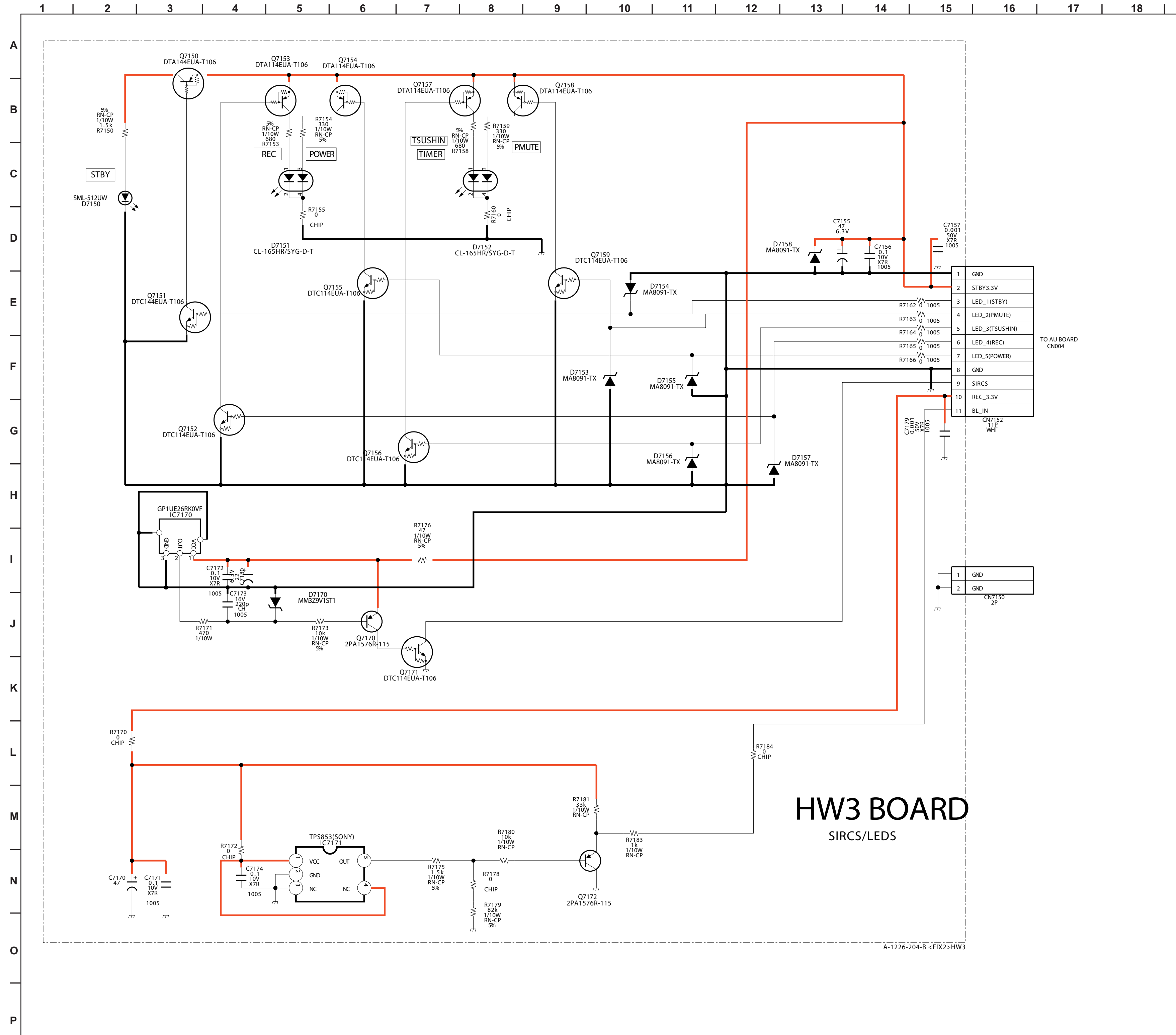
**HW1** [USER CONTROL]  
**COMPONENT SIDE**

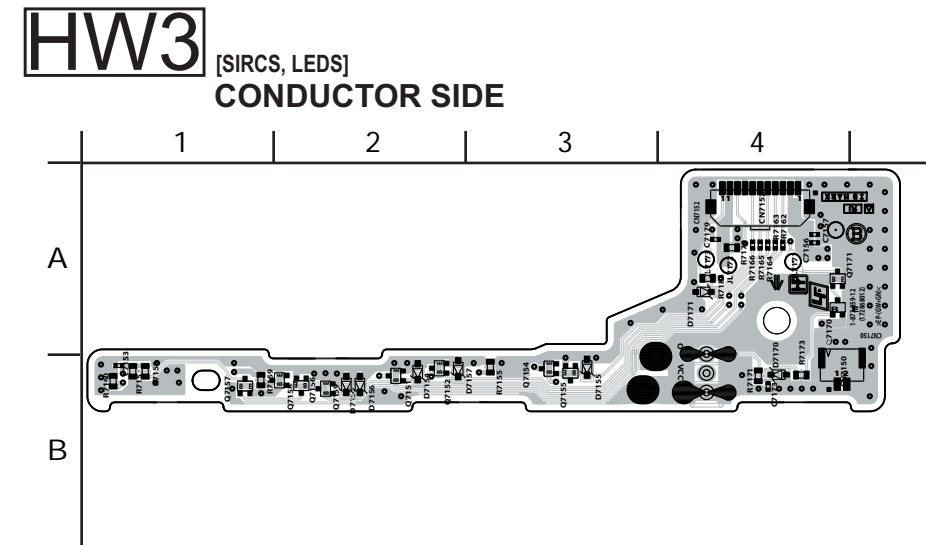
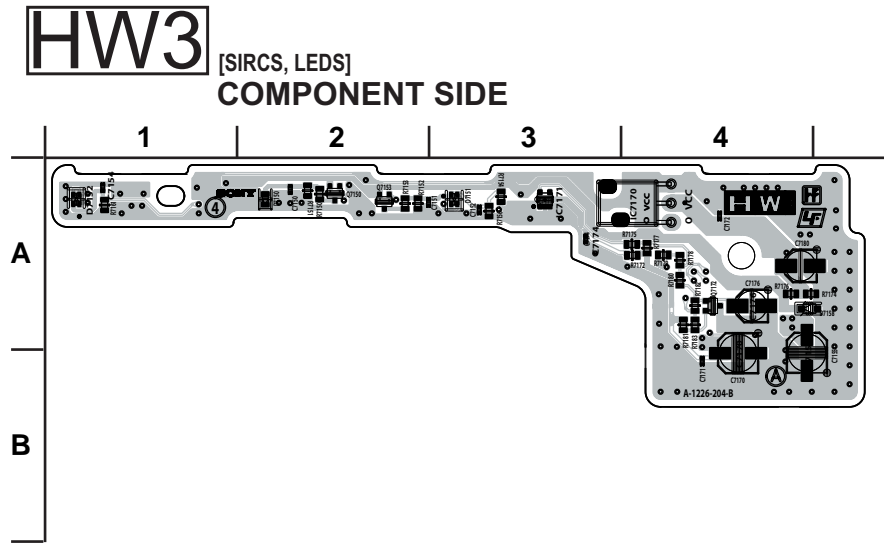


**HW1** [USER CONTROL]  
**CONDUCTOR SIDE**



HW3 BOARD SCHEMATIC DIAGRAM





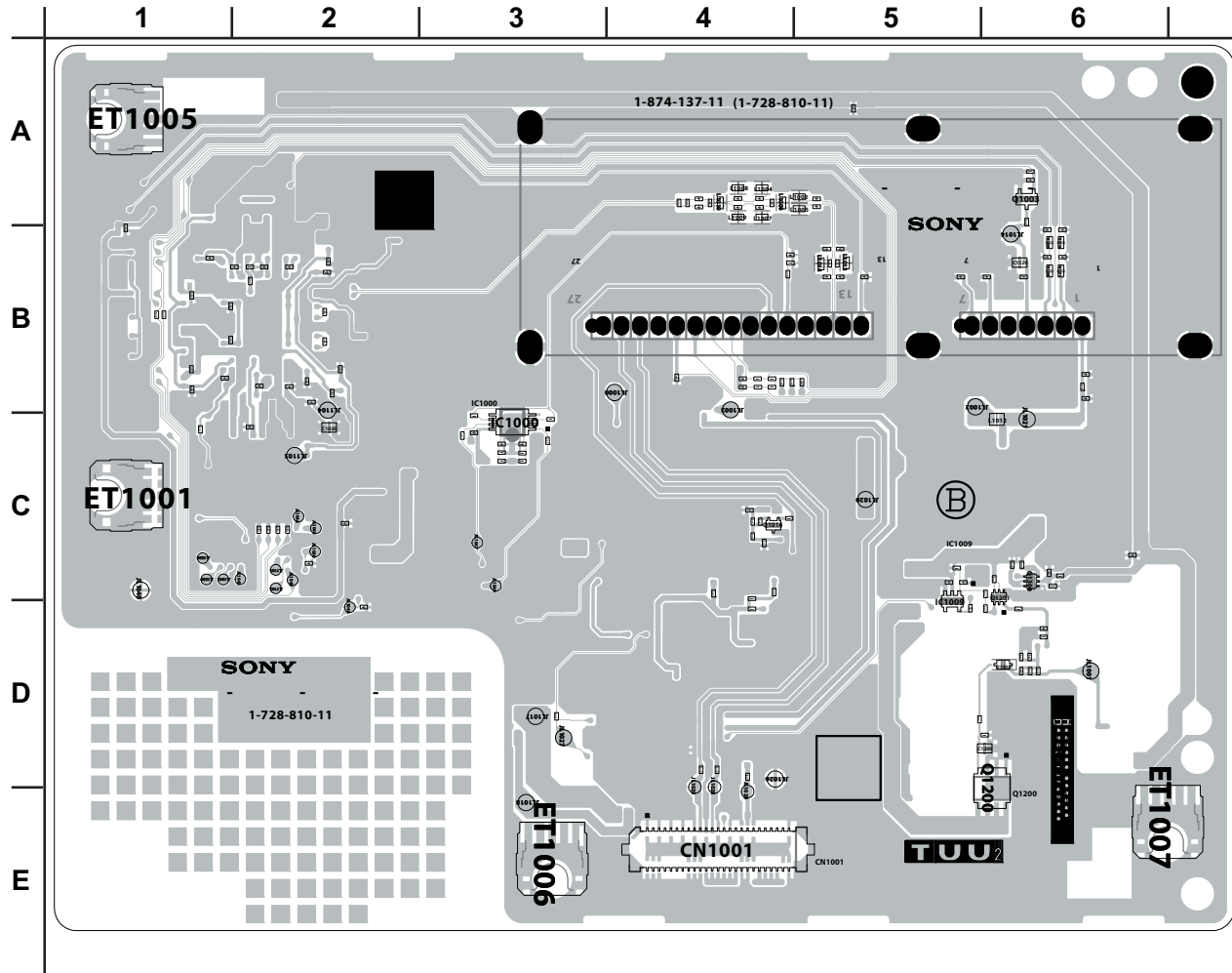






# TUU2

[DEMOD, POWER REGS]  
CONDUCTOR SIDE

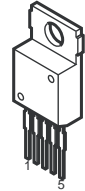




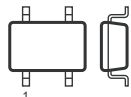
3-5. SEMICONDUCTORS

IC

BA00AST-V5

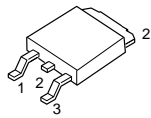


BA05FP-E2  
BA09FP-E2  
S-1111B33MC-NYSTFG  
S-80928CNMC-G8YT2G  
TC7SZ125FU(TE85R)

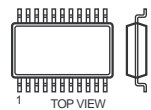


5Pin CHIP

BA18BC0FP-E2  
BA25BC0FP-E2

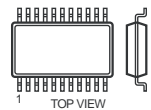


BR24L02F-WE2  
CS4335-KSZR  
FA5501N-TE1  
LM75CIMX-3  
M24128-BWMN6T(A)  
M24C02-WMN6T(B)  
NJM2521V(TE2)  
NJM3414AV(TE2)  
RC4558DR  
RC4558PWR



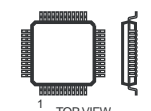
8Pin SOP

CD4052BNSR  
FMS6418AM16X



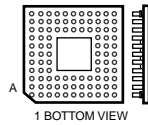
16Pin SOP

CXA2188Q-T4



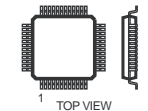
40Pin QFP

EM6A9320BI-5MG



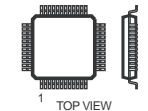
144Pin PGA

HD6433692A39FXV  
HD64F3694FXV-DA4  
TPA3004D2PHPR



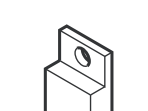
48Pin QFP

HD64F2378-12681-01

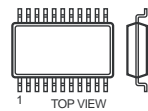


144Pin QFP

L88M05T-FA-TL



M52347FP-TE

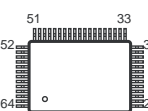


20Pin SOP

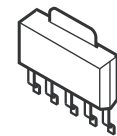
MM1431ATT



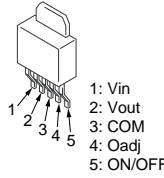
NJW1149AFH1



PQ1CY1032ZP

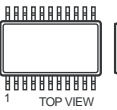


PQ1CZ41H2ZPH

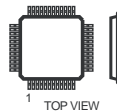


1: Vin  
2: Vout  
3: COM  
4: Oadj  
5: ON/OFF

RV5C387A-E2-FB

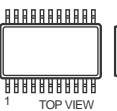


SIH9993CTG100



100Pin QFP

SN74LV132APWR  
SN74LVC14APWR



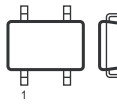
14Pin SOP

STR-A6169



8Pin DIP

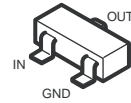
TK11819MTL



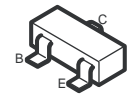
6Pin CHIP

TRANSISTOR

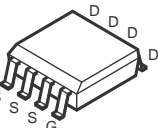
DTC114EU  
DTC114EUAFT106



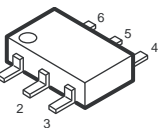
DTC114EUA-T106  
DTC115EUA-T106  
DTC144WKA-T146  
DTC314TK-T-146  
DTC323TK  
DTC323TKT146  
MUN2211T1  
MUN2212T1  
MUN5213T1  
PDTC114EK-115  
UN2211  
2PA1576R-115  
2PC4081R-115  
2PD601AR-115  
2SA1037AK-T146-QR  
2SA1037AK-T146-R  
2SA1576A-T106-QR  
2SA1774R  
2SA1774TL-QR  
2SC1623-L5L6  
2SC2412K-T-146-QR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



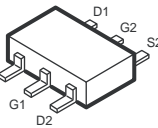
FDS6690A



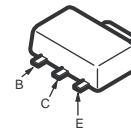
HN1B01FU-TE85R



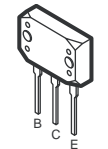
SSM6N15FU(TE85R)



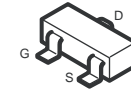
2SB1122-S  
2SB1122-ST-TD-E  
2SD1621-ST  
2SD1621ST-TD-E



2SD2114KT146

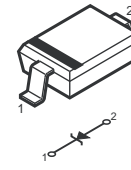


2SK2158-T2B

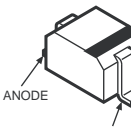


DIODE

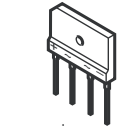
BAS316-115  
EP05FA20  
MM3Z10VT1  
MM3Z11VT1  
MM3Z13VT1  
MM3Z18VST1  
MM3Z22VT1  
MM3Z2V4T1  
MM3Z5V6ST1  
MM3Z6V2ST1  
MM3Z6V8ST1  
MM3Z8V2ST1



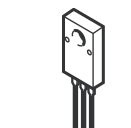
BAT54HT1  
DTZ10B  
HZU5.6GTRF  
MA113-(TX)  
MMDL914T1  
RD5.6SB-T1  
UDZ-TE-17-18B  
UDZ-TE-17-6.2B  
UDZ-TE-17-6.8B



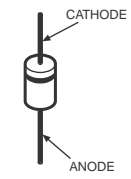
D10SBS4  
D10SBS4F  
D2SB60A-F04  
D4SB60L



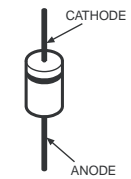
D10SC6M



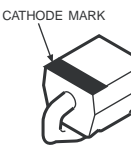
D1NL40-TA2  
D1NL40-TR2  
ERA22-08



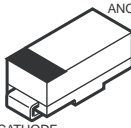
D1NS6  
D1NS6-TR  
ERA22-06AVRBT  
UF4005PKG23  
10ERB20-TB3  
1N5404TU



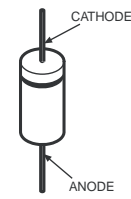
EC10QS-04  
EC10QS04-TE12L5



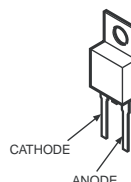
EC21QS03L-TE12L  
P6SMBJ30A-5  
PTZ-TE25-3.9B



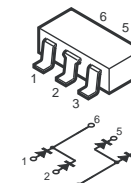
ERA22-08KFLB



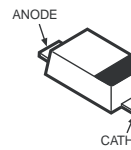
FSF05A60



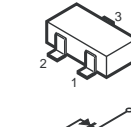
HN1D03FU-TE85L  
HN1D03FU-TE85R



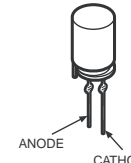
M1FM3



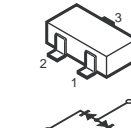
MA132WK  
MA132WK-TX  
MA151WK-TX  
1SS184



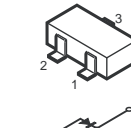
UDZSTE-1710B



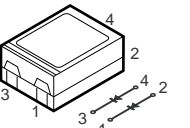
UMZ16NT106



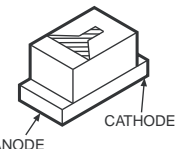
1PS302



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.

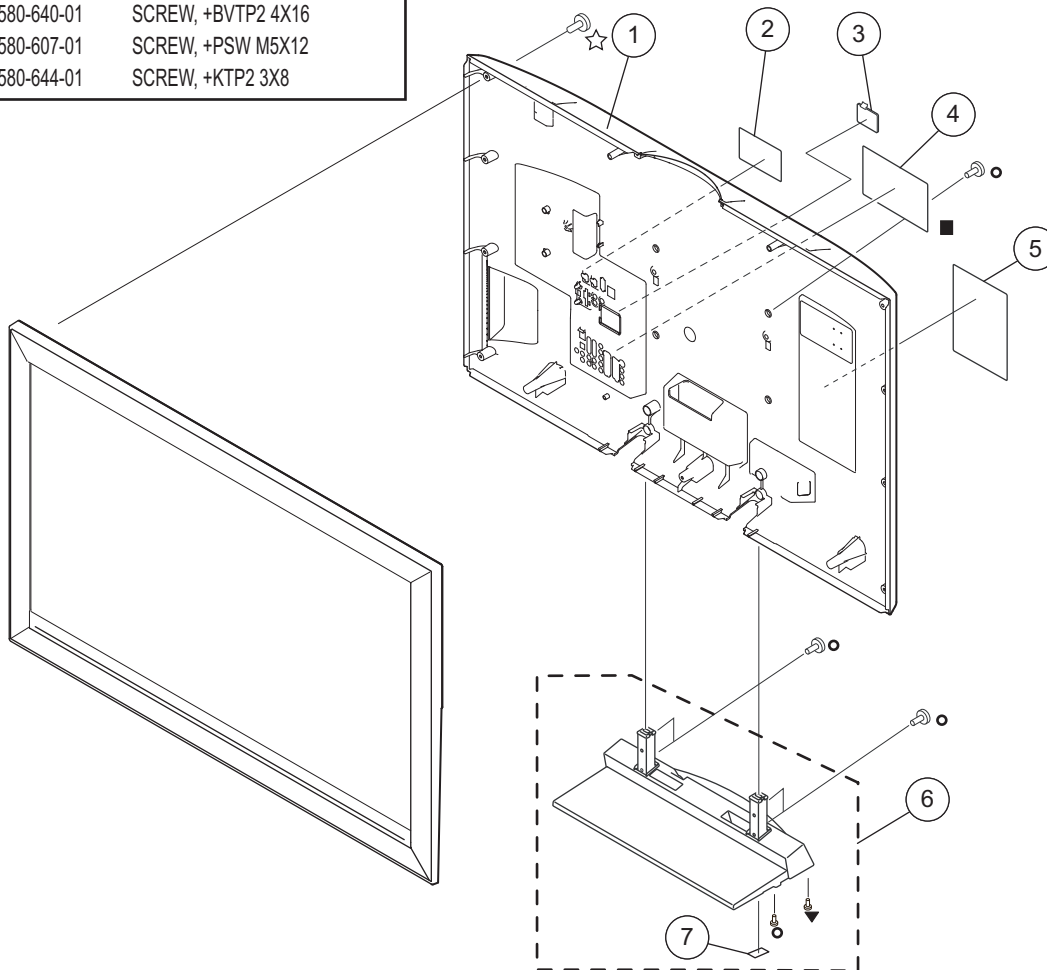
**NOTE:** Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

**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.)

■	7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3
☆	2-580-640-01	SCREW, +BVTP2 4X16
○	2-580-607-01	SCREW, +PSW M5X12
▼	2-580-644-01	SCREW, +KTP2 3X8



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
1	X-2179-890-1	REAR COVER ASSEMBLY (40) (KDL-40V3000 ONLY)		*	5	3-218-447-01	LABEL, INFORMATION (KDL-46V3000 ONLY)
1	X-2179-891-1	REAR COVER ASSEMBLY (46) (KDL-46V3000/46VL130 ONLY)		*	5	3-218-449-01	LABEL, INFORMATION (KDL-46VL130 ONLY)
2	3-106-918-01	LABEL, REAR TERMINAL		6	A-1258-000-A	STAND (ML_B) ASSEMBLY (KDL-40V3000 ONLY)	[7]
3	3-106-917-11	LABEL, HDMI		6	A-1283-804-A	STAND (L_B) ASSEMBLY (KDL-46VL130 ONLY)	[7]
4	2-673-535-11	SERVICE COVER		6	A-1258-001-A	STAND (L_B) ASSEMBLY (KDL-46V3000 ONLY)	[7]
*	5	3-210-944-01	LABEL, INFORMATION (KDL-40V3000 ONLY)	7	3-213-762-01	FOOT (15X30)	

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

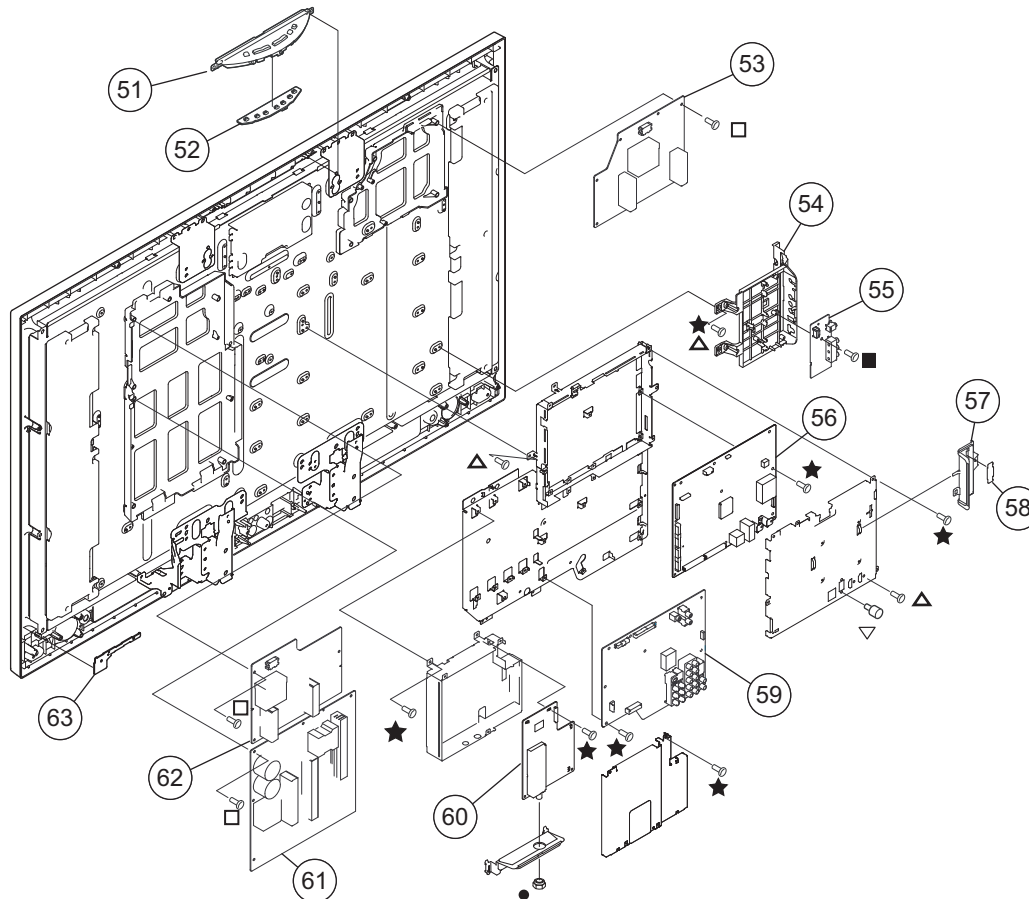
NOTE: Les composants identifiés par un trame et une marque  $\triangle$  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

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


## 4-2. CHASSIS


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


■	7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3
★	2-580-629-01	SCREW, +BVST 3X8
$\triangle$	2-580-591-01	SCREW, +PSW M3X5
$\nabla$	4-635-966-01	SCREW (HEX)
●	3-682-691-00	NUT, WASHER HEXAGON
□	2-674-965-51	SCREW, +PSW 3SG



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
51	X-2176-664-1	BUTTON, MULTI ASSEMBLY		58	3-270-441-01	COVER, MS (H)	
52	A-1226-202-B	HW1 BOARD, MOUNTED		59	A-1433-191-A	AU BOARD, COMPLETE	
53	A-1253-586-B	DF3 BOARD, MOUNTED		60	A-1269-502-A	TU2 BOARD, MOUNTED	
		(KDL-46V3000/46VL130 ONLY)					
54	X-2178-834-2	SIDE TERMINAL ASSEMBLY		61	A-1256-154-B	GF1 BOARD, COMPLETE	
55	A-1256-640-A	HV2 BOARD, MOUNTED				(Use this P/N for US models only)	
$\mathfrak{L}$ 56	A-1362-639-A	FB3 BOARD, COMPLETE		61	A-1361-280-A	GF1 BOARD, COMPLETE	
		(ALL KDL-40V3000 and KDL-46V3000/46VL130 SN 8,000,001 to 8,099,999 and SN 8,500,001 to 8,599,999 Only)				(Use this P/N for all destinations, including US after consumption of A-1256-154-B)	
$\mathfrak{L}$ 56	A-1419-006-A	FB3 BOARD, COMPLETE		62	A-1256-156-B	DF1 BOARD, COMPLETE	
		(KDL-46V3000/46VL130 SN 8,100,001 to 8,499,999 and SN 8,600,001 and Up Only)				(KDL-40V3000 ONLY)	
57	3-106-942-02	BRACKET, CARD		62	A-1253-585-B	DF2 BOARD, MOUNTED	
						(KDL-46V3000/46VL130 ONLY)	
				63	A-1226-204-B	HW3 BOARD, MOUNTED	

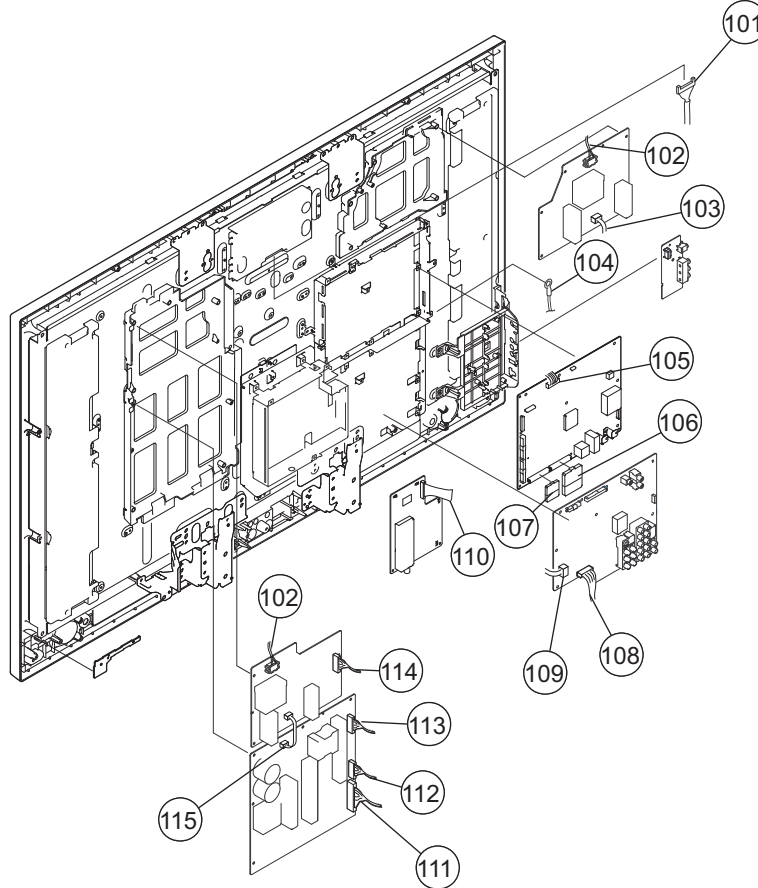
NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

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	1-834-310-11	LEAD WIRE WITH CONNECTOR (LVDS)		108	1-910-037-36	MO1929 CONNECTOR ASSEMBLY (H) 40P (KDL-40V3000 ONLY)	
102	1-834-261-11	CONNECTOR ASSEMBLY (KDL-40V3000 ONLY)		108	1-910-037-37	MO1929 CONNECTOR ASSEMBLY (H) 40P (KDL-46V3000/46VL130 ONLY)	
		(When replacing the Inverter board for this model, refer to the instructions for "Replacing the Inverter Connector Assembly" in the Disassembly section of this manual.)		109	1-910-036-83	VH CONNECTORASSEMBLY (SP) 4P (KDL-40V3000 ONLY)	
102	1-834-263-11	CONNECTOR ASSEMBLY (KDL-46V3000/46VL130 ONLY)		109	1-910-037-55	VH CONNECTOR ASSEMBLY (SP) 4P (KDL-46V3000/46VL130 ONLY)	
		(When replacing the Inverter board for this model, refer to the instructions for "Replacing the Inverter Connector Assembly" in the Disassembly section of this manual.)		110	1-910-036-74	FFC CONNECTOR ASSEMBLY (TU) 49P	
103	1-910-036-91	CONNECTOR ASSEMBLY (DF3) (KDL-46V3000/46VL130 ONLY)		111	1-910-036-80	XA CONNECTOR ASSEMBLY (A) (KDL-40V3000 ONLY)	
		(When replacing the Inverter board for this model, refer to the instructions for "Replacing the Inverter Connector Assembly" in the Disassembly section of this manual.)		111	1-910-036-87	XA CONNECTORASSEMBLY (A) (KDL-46V3000/46VL130 ONLY)	
104	1-910-039-02	EARTH CONNECTOR ASSEMBLY (HV2)		112	1-910-036-82	XA CONNECTORASSEMBLY (DF1) 9P	
105	1-910-037-40	MO1929 CONNECTOR ASSEMBLY (BF) 20P		113	1-910-037-39	XA CONNECTOR ASSEMBLY (GF) 13P	
106	1-821-375-11	BOARD TO BOARD CONNECTOR 80P		114	1-910-036-86	XA CONNECTOR ASSEMBLY (BL) 5P (KDL-40V3000 ONLY)	
107	1-821-376-11	BOARD TO BOARD CONNECTOR 50P		114	1-910-036-92	XA CONNECTOR ASSEMBLY (BL) 7P (KDL-46V3000/46VL130 ONLY)	
				115	1-910-036-81	VH CONNECTORASSEMBLY (DF1) 3P	

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

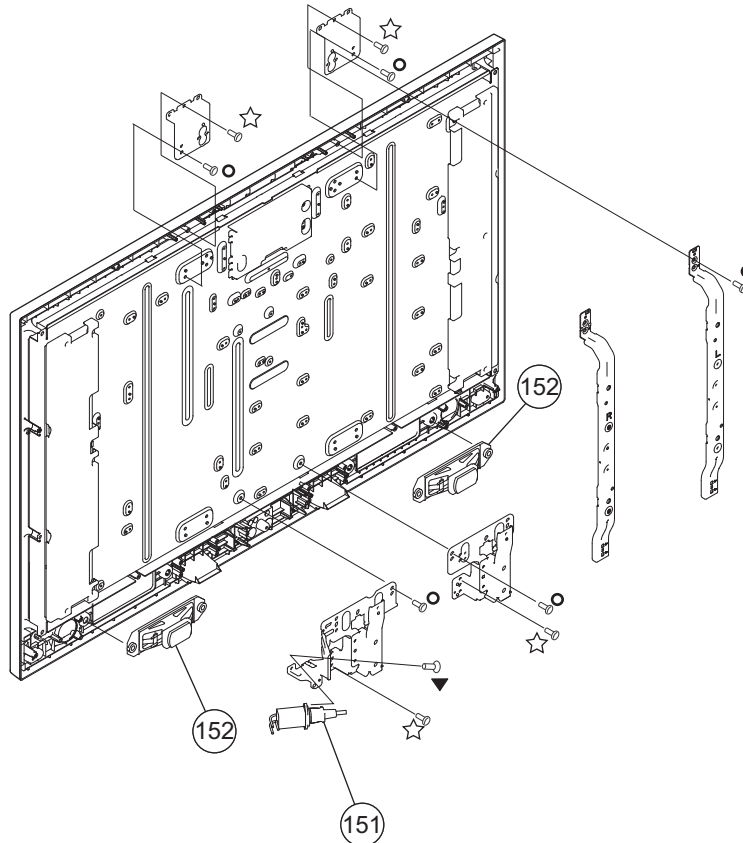
NOTE: Les composants identifiés par un triangle sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

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


### 4-4. SPEAKERS


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


☆	2-580-640-01	SCREW, +BVTP2 4X16
▼	2-596-649-01	+KTT 3X10 (S TYPE)
○	2-580-606-01	SCREW, +PSW M5X8



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
$\triangle$ 151	1-819-729-14	INLET, AC (WITH NOISE FILTER) (KDL-40V3000 ONLY)		152	1-826-699-11	LOUDSPEAKER (4.2X15CM) (KDL-40V3000 ONLY)	
$\triangle$ 151	1-821-380-11	INLET, AC (WITH NOISE FILTER) (KDL-46V3000/46VL130 ONLY)		152	1-826-702-11	LOUD SPEAKER (5.5X15.5CM) (KDL-46V3000/46VL130 ONLY)	

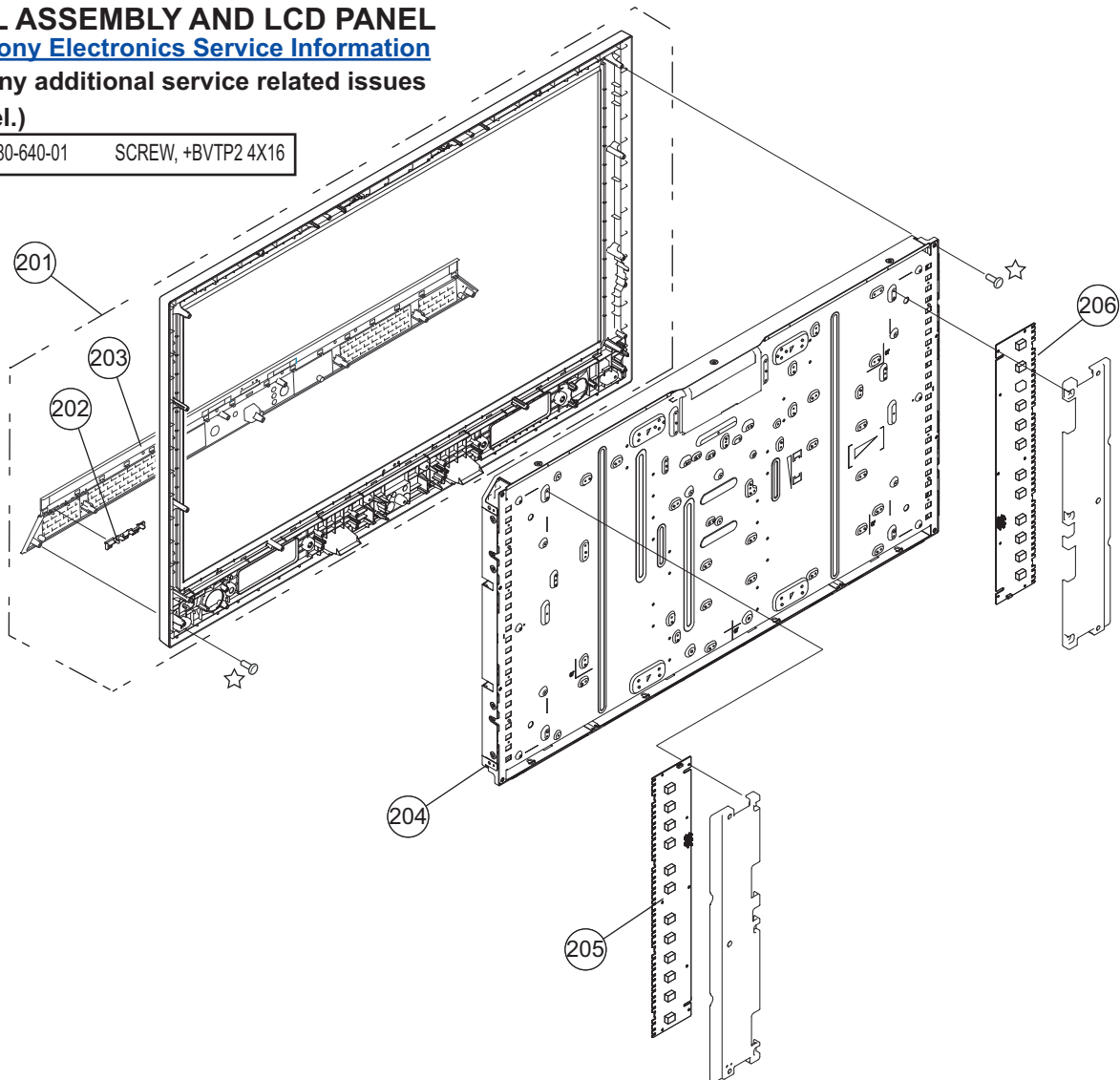
NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

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

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

### 4-5. BEZEL ASSEMBLY AND LCD PANEL (Check the [Sony Electronics Service Information website](#) for any additional service related issues for this model.)

☆ 2-580-640-01 SCREW, +BVTP2 4X16



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
201	X-2178-004-1	BEZEL ASSEMBLY (40)H (KDL-40V3000 ONLY)	[202-203]	204	1-802-486-12	LCD PANEL (46INCH FHD TFT) (KDL-46V3000/46VL130 SN 8,000,001 to 8,099,999 and SN 8,500,001 to 8,599,999 Only)	
201	X-2178-005-1	BEZEL ASSEMBLY (46)H (KDL-46V3000 ONLY)	[202-203]	204	1-802-605-11	LCD PANEL (46INCH FHD TFT) (KDL-46V3000/46VL130 SN 8,100,001 to 8,499,999 and SN 8,600,001 and Up Only)	
202	3-198-631-01	GUIDE, LIGHT SENSOR		205	1-789-838-11	(BALANCER BOARD) ETC-INVERTER MT BOARD (KDL-40V3000 ONLY)	
203	X-2178-581-1	SP COVER ASSEMBLY(40) (KDL-40V3000 ONLY)		205	1-789-839-11	(BALANCER BOARD) ETC-INVERTER MT BOARD (LT) (KDL-46V3000/46VL130 ONLY)	(When replacing the Inverter board for this model, refer to the instructions for "Replacing the Inverter Connector Assembly" in the Disassembly section of this manual.)
203	X-2178-582-1	SP COVER ASSEMBLY(46) (KDL-46V3000/46VL130 ONLY)		206	1-789-840-11	(BALANCER BOARD) ETC-INVERTER MT BOARD (RT) (KDL-46V3000/46VL130 ONLY)	(When replacing the Inverter board for this model, refer to the instructions for "Replacing the Inverter Connector Assembly" in the Disassembly section of this manual.)
203	X-2178-802-1	BEZEL ASSEMBLY (46) (KDL-46VL130 ONLY)					
204	1-802-488-12	LCD PANEL (40INCH FHD TFT) (KDL-40V3000 ONLY)					

## SECTION 5: ELECTRICAL PARTS LIST

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

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

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

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

## RESISTORS

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



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

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
				C257	1-100-912-11	CERAMIC CHIP	1 $\mu$ F 10% 25V
				C259	1-112-066-11	CERAMIC CHIP	10 $\mu$ F 10% 10V
<b>A-1433-191-A AU BOARD, COMPLETE</b>				C261	1-126-396-11	ELECT CHIP	47 $\mu$ F 20% 16V
				C404	1-126-394-11	ELECT CHIP	10 $\mu$ F 20% 16V
<b>CAPACITOR</b>				C405	1-126-394-11	ELECT CHIP	10 $\mu$ F 20% 16V
				C406	1-126-394-11	ELECT CHIP	10 $\mu$ F 20% 16V
C001	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V	C407	1-126-394-11	ELECT CHIP	10 $\mu$ F 20% 16V
C002	1-100-421-21	ELECT CHIP	220 $\mu$ F 20% 6.3V	C408	1-126-394-11	ELECT CHIP	10 $\mu$ F 20% 16V
C003	1-137-993-21	ELECT CHIP	470 $\mu$ F 20% 16V	C409	1-126-394-11	ELECT CHIP	10 $\mu$ F 20% 16V
C004	1-137-993-21	ELECT CHIP	470 $\mu$ F 20% 16V	C412	1-126-394-11	ELECT CHIP	10 $\mu$ F 20% 16V
C005	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V	C413	1-126-394-11	ELECT CHIP	10 $\mu$ F 20% 16V
C009	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F 10% 16V	C418	1-114-325-11	CERAMIC CHIP	0.1 $\mu$ F 10% 25V
C010	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V	C419	1-126-396-11	ELECT CHIP	47 $\mu$ F 20% 16V
C013	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V	C425	1-112-161-21	ELECT CHIP	1000 $\mu$ F 20% 6.3V
C014	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V	C426	1-100-912-11	CERAMIC CHIP	1 $\mu$ F 10% 25V
C017	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V	C432	1-112-781-11	CERAMIC CHIP	1 $\mu$ F 10% 10V
C018	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V	C433	1-112-781-11	CERAMIC CHIP	1 $\mu$ F 10% 10V
C019	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V	C434	1-112-781-11	CERAMIC CHIP	1 $\mu$ F 10% 10V
C202	1-100-911-11	CERAMIC CHIP	4.7 $\mu$ F 10% 25V	C437	1-114-330-11	CERAMIC CHIP	2.2 $\mu$ F 10% 16V
C208	1-100-911-11	CERAMIC CHIP	4.7 $\mu$ F 10% 25V	C438	1-114-325-11	CERAMIC CHIP	0.1 $\mu$ F 10% 25V
* C220	1-112-298-91	CERAMIC CHIP	1 $\mu$ F 10% 16V	C439	1-114-330-11	CERAMIC CHIP	2.2 $\mu$ F 10% 16V
C223	1-100-912-11	CERAMIC CHIP	1 $\mu$ F 10% 25V	C440	1-114-330-11	CERAMIC CHIP	2.2 $\mu$ F 10% 16V
* C224	1-112-298-91	CERAMIC CHIP	1 $\mu$ F 10% 16V	C443	1-114-330-11	CERAMIC CHIP	2.2 $\mu$ F 10% 16V
C227	1-127-988-81	CERAMIC CHIP	0.015 $\mu$ F 10% 16V	C447	1-114-330-11	CERAMIC CHIP	2.2 $\mu$ F 10% 16V
C228	1-164-936-11	CERAMIC CHIP	680pF 10% 50V	C448	1-114-330-11	CERAMIC CHIP	2.2 $\mu$ F 10% 16V
C229	1-162-967-11	CERAMIC CHIP	0.0033 $\mu$ F 10% 50V	C449	1-114-330-11	CERAMIC CHIP	2.2 $\mu$ F 10% 16V
C230	1-162-967-11	CERAMIC CHIP	0.0033 $\mu$ F 10% 50V	C450	1-100-912-11	CERAMIC CHIP	1 $\mu$ F 10% 25V
C231	1-100-911-11	CERAMIC CHIP	4.7 $\mu$ F 10% 25V	C453	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F 10% 16V
C233	1-164-858-11	CERAMIC CHIP	22pF 5% 50V	C454	1-114-330-11	CERAMIC CHIP	2.2 $\mu$ F 10% 16V
C240	1-100-912-11	CERAMIC CHIP	1 $\mu$ F 10% 25V	C455	1-114-330-11	CERAMIC CHIP	2.2 $\mu$ F 10% 16V
C241	1-100-912-11	CERAMIC CHIP	1 $\mu$ F 10% 25V	C456	1-114-330-11	CERAMIC CHIP	2.2 $\mu$ F 10% 16V
C244	1-112-066-11	CERAMIC CHIP	10 $\mu$ F 10% 10V	C458	1-131-661-21	ELECT CHIP	100 $\mu$ F 20% 10V
C245	1-112-066-11	CERAMIC CHIP	10 $\mu$ F 10% 10V	C464	1-100-912-11	CERAMIC CHIP	1 $\mu$ F 10% 25V
C248	1-100-912-11	CERAMIC CHIP	1 $\mu$ F 10% 25V	C466	1-100-421-21	ELECT CHIP	220 $\mu$ F 20% 6.3V
C252	1-100-911-11	CERAMIC CHIP	4.7 $\mu$ F 10% 25V	C470	1-126-396-11	ELECT CHIP	47 $\mu$ F 20% 16V
C254	1-100-911-11	CERAMIC CHIP	4.7 $\mu$ F 10% 25V				



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C471	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C805	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C472	1-114-330-11	CERAMIC CHIP	2.2μF	10%	16V	C806	1-112-046-11	CERAMIC CHIP	4.7μF	10%	6.3V
C473	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C807	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C474	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C808	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
C475	1-114-330-11	CERAMIC CHIP	2.2μF	10%	16V	C809	1-114-331-11	CERAMIC CHIP	4.7μF	10%	10V
* C478	1-112-298-91	CERAMIC CHIP	1μF	10%	16V	C810	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C485	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	C811	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C486	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C812	1-164-852-11	CERAMIC CHIP	12pF	5%	50V
C487	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	C813	1-112-046-11	CERAMIC CHIP	4.7μF	10%	6.3V
C488	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C814	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C489	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C815	1-164-852-11	CERAMIC CHIP	12pF	5%	50V
C490	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C816	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C491	1-112-780-11	CERAMIC CHIP	0.47μF	10%	16V	C820	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C492	1-112-780-11	CERAMIC CHIP	0.47μF	10%	16V	C821	1-126-391-11	ELECT CHIP	47μF	20%	6.3V
C494	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C823	1-128-589-11	ELECT CHIP	47μF	20%	6.3V
C495	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C824	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C498	1-100-421-21	ELECT CHIP	220μF	20%	6.3V	C826	1-112-046-11	CERAMIC CHIP	4.7μF	10%	6.3V
C499	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C828	1-114-331-11	CERAMIC CHIP	4.7μF	10%	10V
C500	1-126-396-11	ELECT CHIP	47μF	20%	16V	C829	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C502	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C830	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C503	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C831	1-114-331-11	CERAMIC CHIP	4.7μF	10%	10V
C504	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C832	1-131-661-21	ELECT CHIP	100μF	20%	10V
C505	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C833	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C506	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C834	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C507	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C835	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C508	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	C837	1-126-391-11	ELECT CHIP	47μF	20%	6.3V
C509	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C838	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C510	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C839	1-126-391-11	ELECT CHIP	47μF	20%	6.3V
C511	1-164-866-11	CERAMIC CHIP	47pF	5%	50V	C840	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C512	1-164-866-11	CERAMIC CHIP	47pF	5%	50V	C843	1-126-391-11	ELECT CHIP	47μF	20%	6.3V
C514	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C844	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C515	1-126-394-11	ELECT CHIP	10μF	20%	16V	C845	1-100-904-11	CERAMIC CHIP	330pF	10%	50V
C516	1-126-394-11	ELECT CHIP	10μF	20%	16V	C846	1-100-904-11	CERAMIC CHIP	330pF	10%	50V
C517	1-126-394-11	ELECT CHIP	10μF	20%	16V	C847	1-114-331-11	CERAMIC CHIP	4.7μF	10%	10V
C518	1-126-394-11	ELECT CHIP	10μF	20%	16V	C848	1-114-331-11	CERAMIC CHIP	4.7μF	10%	10V
C519	1-112-780-11	CERAMIC CHIP	0.47μF	10%	16V	C849	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C520	1-112-780-11	CERAMIC CHIP	0.47μF	10%	16V	C850	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C521	1-112-780-11	CERAMIC CHIP	0.47μF	10%	16V	C851	1-126-394-11	ELECT CHIP	10μF	20%	16V
C522	1-112-780-11	CERAMIC CHIP	0.47μF	10%	16V	C854	1-162-979-11	CERAMIC CHIP	0.0027μF	10%	50V
C524	1-131-661-21	ELECT CHIP	100μF	20%	10V	C855	1-162-979-11	CERAMIC CHIP	0.0027μF	10%	50V
C525	1-131-661-21	ELECT CHIP	100μF	20%	10V	C856	1-126-396-11	ELECT CHIP	47μF	20%	16V
C526	1-100-421-21	ELECT CHIP	220μF	20%	6.3V	C857	1-126-396-11	ELECT CHIP	47μF	20%	16V
C527	1-110-563-11	CERAMIC CHIP	0.068μF	10%	16V	C858	1-126-396-11	ELECT CHIP	47μF	20%	16V
C803	1-131-661-21	ELECT CHIP	100μF	20%	10V	C859	1-126-396-11	ELECT CHIP	47μF	20%	16V
C804	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C860	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V





REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C861	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C920	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C862	1-112-672-81	CERAMIC CHIP	330pF	5%	50V	C921	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C863	1-112-672-81	CERAMIC CHIP	330pF	5%	50V	C922	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C864	1-126-396-11	ELECT CHIP	47μF	20%	16V	C923	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
C866	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C924	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C867	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C925	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C868	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C926	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V
C870	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V	C927	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V
C871	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V	C928	1-126-396-11	ELECT CHIP	47μF	20%	16V
C875	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C929	1-126-396-11	ELECT CHIP	47μF	20%	16V
C879	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C930	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C880	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C931	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C881	1-113-701-21	ELECT CHIP	22μF	20%	16V	C932	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C882	1-113-701-21	ELECT CHIP	22μF	20%	16V	C933	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C883	1-137-893-11	ELECT CHIP	22μF	20%	16V	C934	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C884	1-137-893-11	ELECT CHIP	22μF	20%	16V	C935	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C887	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C936	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C888	1-128-536-11	ELECT CHIP	100μF	20%	25V	C937	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C889	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C938	1-128-589-11	ELECT CHIP	47μF	20%	6.3V
C890	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C952	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C891	1-126-396-11	ELECT CHIP	47μF	20%	16V	C955	1-100-904-11	CERAMIC CHIP	330pF	10%	50V
C893	1-114-326-11	CERAMIC CHIP	0.22μF	10%	25V	C956	1-100-904-11	CERAMIC CHIP	330pF	10%	50V
C894	1-114-326-11	CERAMIC CHIP	0.22μF	10%	25V	C1201	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C895	1-114-326-11	CERAMIC CHIP	0.22μF	10%	25V	C1206	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C896	1-114-326-11	CERAMIC CHIP	0.22μF	10%	25V	C1207	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C897	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	* C1210	1-112-298-91	CERAMIC CHIP	1μF	10%	16V
C898	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	* C1211	1-112-298-91	CERAMIC CHIP	1μF	10%	16V
C899	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C1212	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C901	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C1213	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C902	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C1214	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C903	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V	C1218	1-126-391-11	ELECT CHIP	47μF	20%	6.3V
C905	1-115-670-11	ELECT CHIP	220μF	20%	35V	C1219	1-126-390-11	ELECT CHIP	22μF	20%	6.3V
C906	1-115-670-11	ELECT CHIP	220μF	20%	35V	C1220	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C907	1-131-696-11	FILM	0.22μF	5%	50V	C1221	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C908	1-131-696-11	FILM	0.22μF	5%	50V	C1222	1-126-390-11	ELECT CHIP	22μF	20%	6.3V
C909	1-112-835-11	ELECT	3300μF	20%	25V	C1223	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C911	1-126-396-11	ELECT CHIP	47μF	20%	16V	C1224	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C912	1-131-696-11	FILM	0.22μF	5%	50V	C1225	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C913	1-131-696-11	FILM	0.22μF	5%	50V	C1227	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C914	1-131-696-11	FILM	0.22μF	5%	50V	C1229	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C915	1-131-696-11	FILM	0.22μF	5%	50V	C1230	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C916	1-126-394-11	ELECT CHIP	10μF	20%	16V	C1231	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C917	1-114-331-11	CERAMIC CHIP	4.7μF	10%	10V	C1232	1-164-856-81	CERAMIC CHIP	18pF	5%	50V
C918	1-114-331-11	CERAMIC CHIP	4.7μF	10%	10V	C1233	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C919	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V	C1234	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V





REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
ET1563	1-780-482-11	EARTH TERMINAL		FB045	1-400-179-21	FERRITE	0μH
ET1564	1-780-482-11	EARTH TERMINAL		FB046	1-400-179-21	FERRITE	0μH
ET1565	1-780-482-11	EARTH TERMINAL		FB047	1-400-179-21	FERRITE	0μH
<b>FUSE</b>				FB048	1-400-179-21	FERRITE	0μH
F001	1-576-933-21	FUSE	5A 24V	FB051	1-400-179-21	FERRITE	0μH
F201	1-576-603-21	FUSE	3.15A 24V	FB052	1-400-089-21	FERRITE	0μH
F801	1-576-842-11	FUSE	0.63A 32V	FB053	1-400-089-21	FERRITE	0μH
<b>FERRITE BEAD</b>				FB202	1-400-180-21	FERRITE	0μH
FB001	1-400-089-21	FERRITE	0μH	FB206	1-400-794-21	FERRITE	0μH
FB002	1-469-082-21	FERRITE	0μH	FB803	1-400-833-21	FERRITE	0μH
FB006	1-469-082-21	FERRITE	0μH	<b>FILTER</b>			
FB007	1-469-082-21	FERRITE	0μH	FL001	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
FB008	1-469-082-21	FERRITE	0μH	FL002	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
FB009	1-469-082-21	FERRITE	0μH	FL003	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
FB010	1-469-082-21	FERRITE	0μH	<b>IC</b>			
FB011	1-469-082-21	FERRITE	0μH	IC001	6-709-731-01	IC	ADT75ARZ-REEL
FB012	1-469-082-21	FERRITE	0μH	IC205	6-710-922-01	IC	BD9853AFV-E2
FB014	1-469-082-21	FERRITE	0μH	IC206	6-708-603-01	IC	PQ070XNA1ZPH
FB015	1-469-082-21	FERRITE	0μH	IC207	6-708-603-01	IC	PQ070XNA1ZPH
FB016	1-469-082-21	FERRITE	0μH	IC208	6-708-762-01	IC	PQ200WNA1ZPH
FB017	1-469-082-21	FERRITE	0μH	IC210	6-708-603-01	IC	PQ070XNA1ZPH
FB018	1-469-082-21	FERRITE	0μH	IC401	6-709-777-01	IC	ADA4861-3YRZ-RL7
FB019	1-469-082-21	FERRITE	0μH	IC402	8-753-289-65	IC	CXA2240AR-TL
FB020	1-469-082-21	FERRITE	0μH	IC802	6-711-253-01	IC	CXD9890AQ
FB021	1-469-082-21	FERRITE	0μH	IC804	8-759-278-58	IC	NJM4558V-TE2
FB022	1-469-082-21	FERRITE	0μH	IC805	8-759-278-58	IC	NJM4558V-TE2
FB023	1-469-082-21	FERRITE	0μH	IC807	6-709-927-01	IC	RT8H225C-TP-2
FB024	1-469-082-21	FERRITE	0μH	IC808	6-710-904-01	IC	TPA3100D2PHPR
FB025	1-469-082-21	FERRITE	0μH	IC810	8-759-359-49	IC	NJM3414AV(TE2)
FB026	1-469-082-21	FERRITE	0μH	IC811	6-709-927-01	IC	RT8H225C-TP-2
FB027	1-469-082-21	FERRITE	0μH	IC812	6-709-927-01	IC	RT8H225C-TP-2
FB028	1-469-082-21	FERRITE	0μH	IC813	8-759-592-48	IC	TC7SZ32FU(TE85R)
FB029	1-469-082-21	FERRITE	0μH	IC1202	6-709-901-01	IC	MM3121JPLE
FB030	1-469-082-21	FERRITE	0μH	IC1203	6-705-373-01	IC	MM3123DPLE
FB031	1-469-082-21	FERRITE	0μH	IC1204	6-704-607-01	IC	M24C16-WMN6T(B)
FB032	1-469-082-21	FERRITE	0μH	IC1205	6-807-553-01	IC	MB91F314APMC-G-101E1
FB033	1-469-082-21	FERRITE	0μH	IC1206	6-703-175-01	IC	PST3629UL
FB034	1-469-082-21	FERRITE	0μH	IC1208	6-701-185-01	IC	MC74VHC1G125DFT1
FB035	1-469-082-21	FERRITE	0μH	IC1209	6-701-185-01	IC	MC74VHC1G125DFT1
FB036	1-469-082-21	FERRITE	0μH	IC1601	6-709-441-01	IC	SI8008TM-TL
FB037	1-469-082-21	FERRITE	0μH	IC1602	6-711-288-01	IC	MIC2005-0.5YM6TR
FB038	1-400-089-21	FERRITE	0μH				
FB044	1-469-082-21	FERRITE	0μH				



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
<b><u>JACK</u></b>							
* J402	1-819-358-11	PHONO JACK		Q414	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
* J403	1-819-358-11	PHONO JACK		Q415	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
J404	1-507-792-00	JACK		Q416	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
J405	1-821-064-12	PHONO JACK	10P	Q419	8-729-027-43	TRANSISTOR	DTC114EKA-T146
<b><u>COIL</u></b>							
L203	1-424-922-21	INDUCTOR	10µH	Q420	6-550-832-01	TRANSISTOR	SI2301BDS-T1
L403	1-481-234-21	INDUCTOR	10µH	Q421	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
L404	1-481-234-21	INDUCTOR	10µH	Q422	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
L405	1-481-234-21	INDUCTOR	10µH	Q423	8-729-027-43	TRANSISTOR	DTC114EKA-T146
L406	1-481-234-21	INDUCTOR	10µH	Q424	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
L407	1-481-234-21	INDUCTOR	10µH	Q803	8-729-038-28	TRANSISTOR	RT1N441C-TP-1
L803	1-469-555-21	INDUCTOR	10µH	Q804	6-551-364-01	TRANSISTOR	DTC614TUT106
L804	1-469-555-21	INDUCTOR	10µH	Q805	6-551-364-01	TRANSISTOR	DTC614TUT106
L805	1-469-555-21	INDUCTOR	10µH	Q806	6-551-321-01	TRANSISTOR	RT3WLMM-TP-1F
L809	1-469-555-21	INDUCTOR	10µH	Q809	6-551-271-01	TRANSISTOR	RT3AMMM
L810	1-481-083-11	INDUCTOR	22µH	Q810	6-551-271-01	TRANSISTOR	RT3AMMM
L811	1-457-485-11	INDUCTOR	22µH	Q811	8-729-027-43	TRANSISTOR	DTC114EKA-T146
L812	1-457-485-11	INDUCTOR	22µH	Q812	6-551-364-01	TRANSISTOR	DTC614TUT106
L813	1-457-485-11	INDUCTOR	22µH	Q813	6-551-364-01	TRANSISTOR	DTC614TUT106
L814	1-457-485-11	INDUCTOR	22µH	Q824	8-729-027-43	TRANSISTOR	DTC114EKA-T146
L1201	1-469-555-21	INDUCTOR	10µH	Q826	8-729-027-43	TRANSISTOR	DTC114EKA-T146
L1202	1-469-555-21	INDUCTOR	10µH	Q827	8-729-027-43	TRANSISTOR	DTC114EKA-T146
L1203	1-469-555-21	INDUCTOR	10µH	Q828	6-551-551-01	TRANSISTOR	RT3N77M-TP-1
L1205	1-481-234-21	INDUCTOR	10µH	Q829	6-551-690-01	TRANSISTOR	RT3N11M-TP-1
L1451	1-469-555-21	INDUCTOR	10µH	Q1208	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
L1452	1-400-179-21	FERRITE	0µH	Q1213	8-729-027-43	TRANSISTOR	DTC114EKA-T146
L1601	1-416-344-11	INDUCTOR	10µH	Q1214	8-729-038-28	TRANSISTOR	RT1N441C-TP-1
* L1602	1-813-308-11	INDUCTOR	0µH	Q1215	8-729-027-23	TRANSISTOR	DTA114EKA-T146
L1603	1-416-606-11	INDUCTOR	47µH	Q1216	8-729-027-43	TRANSISTOR	DTC114EKA-T146
<b><u>IC LINK</u></b>							
PS1601	1-576-736-41	IC LINK	3.15A 24V	Q1217	6-551-456-01	TRANSISTOR	RTR020P02TL
<b><u>TRANSISTOR</u></b>							
Q207	6-551-382-01	TRANSISTOR	RSS040P03FD5TB	Q1218	8-729-027-43	TRANSISTOR	DTC114EKA-T146
Q210	8-729-027-43	TRANSISTOR	DTC114EKA-T146	Q1220	6-551-271-01	TRANSISTOR	RT3AMMM
Q212	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	Q1221	6-551-271-01	TRANSISTOR	RT3AMMM
Q214	6-551-321-01	TRANSISTOR	RT3WLMM-TP-1F	Q1222	6-551-321-01	TRANSISTOR	RT3WLMM-TP-1F
Q403	8-729-122-63	TRANSISTOR	2SA1226-E4	Q1224	6-551-693-01	TRANSISTOR	RT3T11M-TP-1
Q406	8-729-122-63	TRANSISTOR	2SA1226-E4	Q1451	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
Q407	8-729-122-63	TRANSISTOR	2SA1226-E4	Q1452	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
Q408	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	Q1601	8-729-038-28	TRANSISTOR	RT1N441C-TP-1
Q409	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	Q1602	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
				<b><u>RESISTOR</u></b>			
				R012	1-218-990-81	SHORT CHIP	
				R013	1-218-990-81	SHORT CHIP	
				R014	1-218-990-81	SHORT CHIP	
				R016	1-218-990-81	SHORT CHIP	
				R026	1-218-990-81	SHORT CHIP	



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
R027	1-218-990-81	SHORT CHIP		R096	1-218-990-81	SHORT CHIP	
R028	1-218-990-81	SHORT CHIP		R098	1-218-990-81	SHORT CHIP	
R029	1-218-990-81	SHORT CHIP		R104	1-218-990-81	SHORT CHIP	
R030	1-218-990-81	SHORT CHIP		R105	1-218-990-81	SHORT CHIP	
R031	1-218-990-81	SHORT CHIP		R106	1-218-990-81	SHORT CHIP	
R032	1-218-990-81	SHORT CHIP		R108	1-218-990-81	SHORT CHIP	
R033	1-218-990-81	SHORT CHIP		R109	1-218-990-81	SHORT CHIP	
R034	1-218-990-81	SHORT CHIP		R110	1-218-990-81	SHORT CHIP	
R035	1-218-990-81	SHORT CHIP		R115	1-218-933-11	RES-CHIP	22 5% 1/16W
R036	1-218-990-81	SHORT CHIP		R117	1-218-933-11	RES-CHIP	22 5% 1/16W
R037	1-218-990-81	SHORT CHIP		R133	1-218-990-81	SHORT CHIP	
R039	1-218-990-81	SHORT CHIP		R146	1-216-864-11	SHORT CHIP	
R041	1-218-990-81	SHORT CHIP		R201	1-218-965-11	RES-CHIP	10K 5% 1/16W
R046	1-218-990-81	SHORT CHIP		R204	1-218-965-11	RES-CHIP	10K 5% 1/16W
R048	1-218-990-81	SHORT CHIP		R206	1-218-953-11	RES-CHIP	1K 5% 1/16W
R050	1-218-990-81	SHORT CHIP		R207	1-218-965-11	RES-CHIP	10K 5% 1/16W
R056	1-218-990-81	SHORT CHIP		R218	1-218-990-81	SHORT CHIP	
R057	1-218-990-81	SHORT CHIP		R233	1-218-990-81	SHORT CHIP	
R058	1-218-990-81	SHORT CHIP		R237	1-208-909-11	METAL CHIP	8.2K 0.50% 1/16W
R059	1-218-990-81	SHORT CHIP		R246	1-218-965-11	RES-CHIP	10K 5% 1/16W
R060	1-218-990-81	SHORT CHIP		R249	1-218-990-81	SHORT CHIP	
R061	1-218-990-81	SHORT CHIP		R251	1-218-990-81	SHORT CHIP	
R062	1-218-990-81	SHORT CHIP		R252	1-216-799-11	METAL CHIP	15 5% 1/10W
R071	1-218-990-81	SHORT CHIP		R258	1-208-911-11	METAL CHIP	10K 0.50% 1/16W
R073	1-218-990-81	SHORT CHIP		R259	1-216-799-11	METAL CHIP	15 5% 1/10W
R074	1-218-990-81	SHORT CHIP		R260	1-216-799-11	METAL CHIP	15 5% 1/10W
R075	1-218-990-81	SHORT CHIP		R262	1-218-990-81	SHORT CHIP	
R076	1-218-990-81	SHORT CHIP		R265	1-218-886-11	METAL CHIP	43K 0.50% 1/10W
R077	1-218-990-81	SHORT CHIP		R266	1-218-982-11	RES-CHIP	270K 5% 1/16W
R078	1-218-990-81	SHORT CHIP		R267	1-208-927-11	METAL CHIP	47K 0.50% 1/16W
R079	1-218-990-81	SHORT CHIP		R268	1-208-929-81	METAL CHIP	56K 0.50% 1/16W
R080	1-218-990-81	SHORT CHIP		R269	1-216-864-11	SHORT CHIP	
R081	1-218-990-81	SHORT CHIP		R270	1-216-864-11	SHORT CHIP	
R083	1-218-990-81	SHORT CHIP		R271	1-216-864-11	SHORT CHIP	
R084	1-218-990-81	SHORT CHIP		R272	1-216-864-11	SHORT CHIP	
R085	1-218-990-81	SHORT CHIP		R273	1-218-953-11	RES-CHIP	1K 5% 1/16W
R086	1-218-990-81	SHORT CHIP		R274	1-218-953-11	RES-CHIP	1K 5% 1/16W
R087	1-218-990-81	SHORT CHIP		R275	1-218-958-11	RES-CHIP	2.7K 5% 1/16W
R088	1-218-990-81	SHORT CHIP		R276	1-218-948-11	RES-CHIP	390 5% 1/16W
R089	1-218-990-81	SHORT CHIP		R277	1-208-683-11	METAL CHIP	1K 0.50% 1/16W
R090	1-218-990-81	SHORT CHIP		R278	1-218-958-11	RES-CHIP	2.7K 5% 1/16W
R091	1-218-990-81	SHORT CHIP		R279	1-218-948-11	RES-CHIP	390 5% 1/16W
R092	1-218-990-81	SHORT CHIP		R280	1-208-683-11	METAL CHIP	1K 0.50% 1/16W
R093	1-218-990-81	SHORT CHIP		R281	1-218-965-11	RES-CHIP	10K 5% 1/16W
R094	1-218-990-81	SHORT CHIP		R283	1-218-990-81	SHORT CHIP	



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R287	1-218-965-11	RES-CHIP	10K	5%	1/16W	R465	1-211-969-11	METAL CHIP	10	0.50%	1/10W
R289	1-218-990-81	SHORT CHIP				R466	1-211-969-11	METAL CHIP	10	0.50%	1/10W
R291	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W	R467	1-211-969-11	METAL CHIP	10	0.50%	1/10W
R292	1-218-941-11	RES-CHIP	100	5%	1/16W	R471	1-218-983-11	RES-CHIP	330K	5%	1/16W
R293	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R472	1-218-983-11	RES-CHIP	330K	5%	1/16W
R294	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R473	1-218-983-11	RES-CHIP	330K	5%	1/16W
R299	1-218-990-81	SHORT CHIP				R474	1-216-815-11	METAL CHIP	330	5%	1/10W
R300	1-216-864-11	SHORT CHIP				R475	1-218-933-11	RES-CHIP	22	5%	1/16W
R301	1-216-864-11	SHORT CHIP				R476	1-211-969-11	METAL CHIP	10	0.50%	1/10W
R302	1-218-953-11	RES-CHIP	1K	5%	1/16W	R477	1-211-969-11	METAL CHIP	10	0.50%	1/10W
R303	1-208-883-81	METAL CHIP	680	0.50%	1/16W	R478	1-216-815-11	METAL CHIP	330	5%	1/10W
R304	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R481	1-218-933-11	RES-CHIP	22	5%	1/16W
R305	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R486	1-216-815-11	METAL CHIP	330	5%	1/10W
R306	1-216-864-11	SHORT CHIP				R492	1-218-941-81	RES-CHIP	100	5%	1/16W
R307	1-216-864-11	SHORT CHIP				R493	1-218-941-81	RES-CHIP	100	5%	1/16W
R308	1-216-864-11	SHORT CHIP				R494	1-218-941-81	RES-CHIP	100	5%	1/16W
R415	1-218-990-81	SHORT CHIP				R495	1-218-941-81	RES-CHIP	100	5%	1/16W
R416	1-218-990-81	SHORT CHIP				R498	1-218-941-81	RES-CHIP	100	5%	1/16W
R424	1-218-989-11	RES-CHIP	1M	5%	1/16W	R507	1-218-941-81	RES-CHIP	100	5%	1/16W
R425	1-218-989-11	RES-CHIP	1M	5%	1/16W	R508	1-218-941-81	RES-CHIP	100	5%	1/16W
R427	1-218-989-11	RES-CHIP	1M	5%	1/16W	R509	1-218-941-81	RES-CHIP	100	5%	1/16W
R428	1-218-989-11	RES-CHIP	1M	5%	1/16W	R510	1-216-864-11	SHORT CHIP			
R429	1-218-989-11	RES-CHIP	1M	5%	1/16W	R511	1-216-815-11	METAL CHIP	330	5%	1/10W
R430	1-218-989-11	RES-CHIP	1M	5%	1/16W	R512	1-218-933-11	RES-CHIP	22	5%	1/16W
R431	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W	R515	1-216-815-11	METAL CHIP	330	5%	1/10W
R432	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W	R516	1-218-933-11	RES-CHIP	22	5%	1/16W
R433	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W	R517	1-218-933-11	RES-CHIP	22	5%	1/16W
R435	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W	R522	1-218-941-81	RES-CHIP	100	5%	1/16W
R436	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W	R527	1-211-983-11	METAL CHIP	39	0.50%	1/10W
R437	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W	R528	1-211-983-11	METAL CHIP	39	0.50%	1/10W
R439	1-218-989-11	RES-CHIP	1M	5%	1/16W	R529	1-211-983-11	METAL CHIP	39	0.50%	1/10W
R440	1-218-989-11	RES-CHIP	1M	5%	1/16W	R530	1-218-941-81	RES-CHIP	100	5%	1/16W
R441	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W	R531	1-218-941-81	RES-CHIP	100	5%	1/16W
R442	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W	R532	1-216-814-11	METAL CHIP	270	5%	1/10W
R443	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W	R537	1-216-814-11	METAL CHIP	270	5%	1/10W
R444	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W	R541	1-218-941-81	RES-CHIP	100	5%	1/16W
R445	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W	R542	1-216-814-11	METAL CHIP	270	5%	1/10W
R446	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W	R543	1-218-933-11	RES-CHIP	22	5%	1/16W
R447	1-211-989-11	METAL CHIP	68	0.50%	1/10W	R546	1-218-933-11	RES-CHIP	22	5%	1/16W
R448	1-211-989-11	METAL CHIP	68	0.50%	1/10W	R548	1-218-933-11	RES-CHIP	22	5%	1/16W
R449	1-211-989-11	METAL CHIP	68	0.50%	1/10W	R552	1-218-975-11	RES-CHIP	68K	5%	1/16W
R451	1-218-839-11	METAL CHIP	470	0.50%	1/10W	R553	1-218-975-11	RES-CHIP	68K	5%	1/16W
R453	1-216-864-11	SHORT CHIP				R557	1-218-941-81	RES-CHIP	100	5%	1/16W
R455	1-218-839-11	METAL CHIP	470	0.50%	1/10W	R558	1-218-941-81	RES-CHIP	100	5%	1/16W
R461	1-218-839-11	METAL CHIP	470	0.50%	1/10W	R572	1-218-990-81	SHORT CHIP			



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R573	1-218-990-81	SHORT CHIP				R815	1-218-937-11	RES-CHIP	47	5%	1/16W
R574	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R816	1-218-937-11	RES-CHIP	47	5%	1/16W
R575	1-218-941-81	RES-CHIP	100	5%	1/16W	R824	1-208-855-81	METAL CHIP	47	0.50%	1/16W
R578	1-218-937-11	RES-CHIP	47	5%	1/16W	R825	1-208-855-81	METAL CHIP	47	0.50%	1/16W
R579	1-218-937-11	RES-CHIP	47	5%	1/16W	R833	1-218-945-11	RES-CHIP	220	5%	1/16W
R581	1-218-941-81	RES-CHIP	100	5%	1/16W	R834	1-218-989-11	RES-CHIP	1M	5%	1/16W
R582	1-218-941-81	RES-CHIP	100	5%	1/16W	R835	1-218-990-81	SHORT CHIP			
R583	1-218-990-81	SHORT CHIP				R837	1-218-990-81	SHORT CHIP			
R584	1-218-990-81	SHORT CHIP				R838	1-218-990-81	SHORT CHIP			
R586	1-218-941-81	RES-CHIP	100	5%	1/16W	R839	1-218-990-81	SHORT CHIP			
R587	1-218-941-81	RES-CHIP	100	5%	1/16W	R842	1-218-990-81	SHORT CHIP			
R589	1-218-990-81	SHORT CHIP				R843	1-218-965-11	RES-CHIP	10K	5%	1/16W
R590	1-218-965-11	RES-CHIP	10K	5%	1/16W	R846	1-218-965-11	RES-CHIP	10K	5%	1/16W
R591	1-218-965-11	RES-CHIP	10K	5%	1/16W	R849	1-218-965-11	RES-CHIP	10K	5%	1/16W
R592	1-218-965-11	RES-CHIP	10K	5%	1/16W	R850	1-218-990-81	SHORT CHIP			
R593	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	R853	1-218-941-81	RES-CHIP	100	5%	1/16W
R594	1-218-965-11	RES-CHIP	10K	5%	1/16W	R854	1-218-965-11	RES-CHIP	10K	5%	1/16W
R595	1-218-949-11	RES-CHIP	470	5%	1/16W	R855	1-218-953-11	RES-CHIP	1K	5%	1/16W
R596	1-218-949-11	RES-CHIP	470	5%	1/16W	R858	1-208-855-81	METAL CHIP	47	0.50%	1/16W
R597	1-216-864-11	SHORT CHIP				R859	1-208-855-81	METAL CHIP	47	0.50%	1/16W
R598	1-216-864-11	SHORT CHIP				R860	1-208-855-81	METAL CHIP	47	0.50%	1/16W
R599	1-216-864-11	SHORT CHIP				R861	1-208-855-81	METAL CHIP	47	0.50%	1/16W
R600	1-216-864-11	SHORT CHIP				R862	1-218-990-81	SHORT CHIP			
R601	1-218-989-11	RES-CHIP	1M	5%	1/16W	R863	1-218-990-81	SHORT CHIP			
R602	1-218-989-11	RES-CHIP	1M	5%	1/16W	R866	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R603	1-218-989-11	RES-CHIP	1M	5%	1/16W	R868	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R604	1-218-989-11	RES-CHIP	1M	5%	1/16W	R869	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R613	1-218-941-81	RES-CHIP	100	5%	1/16W	R870	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R614	1-218-941-81	RES-CHIP	100	5%	1/16W	R871	1-220-199-81	RES-CHIP	24K	5%	1/16W
R615	1-218-941-81	RES-CHIP	100	5%	1/16W	R872	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R616	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R873	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R617	1-216-864-11	SHORT CHIP				R874	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R618	1-216-864-11	SHORT CHIP				R875	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R627	1-211-990-11	METAL CHIP	75	0.50%	1/10W	R878	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R628	1-211-990-11	METAL CHIP	75	0.50%	1/10W	R879	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R629	1-218-990-81	SHORT CHIP				R880	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R630	1-218-990-81	SHORT CHIP				R881	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R631	1-218-990-81	SHORT CHIP				R882	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R632	1-218-990-81	SHORT CHIP				R883	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R633	1-218-990-81	SHORT CHIP				R884	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R634	1-218-990-81	SHORT CHIP				R885	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R637	1-216-814-11	METAL CHIP	270	5%	1/10W	R886	1-208-905-11	METAL CHIP	5.6K	0.50%	1/16W
R638	1-216-814-11	METAL CHIP	270	5%	1/10W	R887	1-208-905-11	METAL CHIP	5.6K	0.50%	1/16W
R639	1-216-814-11	METAL CHIP	270	5%	1/10W	R888	1-218-973-11	RES-CHIP	47K	5%	1/16W
R813	1-218-937-11	RES-CHIP	47	5%	1/16W	R889	1-218-973-11	RES-CHIP	47K	5%	1/16W



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R892	1-218-965-11	RES-CHIP	10K	5%	1/16W	R954	1-216-295-91	SHORT CHIP			
R893	1-218-965-11	RES-CHIP	10K	5%	1/16W	R955	1-216-295-91	SHORT CHIP			
R894	1-218-973-11	RES-CHIP	47K	5%	1/16W	R956	1-216-813-11	METAL CHIP	220	5%	1/10W
R895	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W	R957	1-216-813-11	METAL CHIP	220	5%	1/10W
R898	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W	R958	1-218-965-11	RES-CHIP	10K	5%	1/16W
R899	1-208-711-11	METAL CHIP	15K	0.50%	1/16W	R959	1-218-977-11	RES-CHIP	100K	5%	1/16W
R900	1-208-697-11	METAL CHIP	3.9K	0.50%	1/16W	R960	1-218-977-11	RES-CHIP	100K	5%	1/16W
R901	1-208-697-11	METAL CHIP	3.9K	0.50%	1/16W	R961	1-218-973-11	RES-CHIP	47K	5%	1/16W
R903	1-218-973-11	RES-CHIP	47K	5%	1/16W	R962	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R904	1-208-711-11	METAL CHIP	15K	0.50%	1/16W	R969	1-216-813-11	METAL CHIP	220	5%	1/10W
R905	1-218-965-11	RES-CHIP	10K	5%	1/16W	R974	1-218-977-11	RES-CHIP	100K	5%	1/16W
R907	1-208-711-11	METAL CHIP	15K	0.50%	1/16W	R975	1-218-965-11	RES-CHIP	10K	5%	1/16W
R908	1-218-965-11	RES-CHIP	10K	5%	1/16W	R976	1-218-941-81	RES-CHIP	100	5%	1/16W
R909	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W	R977	1-218-953-11	RES-CHIP	1K	5%	1/16W
R910	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W	R979	1-218-965-11	RES-CHIP	10K	5%	1/16W
R911	1-208-711-11	METAL CHIP	15K	0.50%	1/16W	R980	1-218-941-81	RES-CHIP	100	5%	1/16W
R915	1-218-985-11	RES-CHIP	470K	5%	1/16W	R981	1-218-941-81	RES-CHIP	100	5%	1/16W
R916	1-218-985-11	RES-CHIP	470K	5%	1/16W	R982	1-218-965-11	RES-CHIP	10K	5%	1/16W
R918	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R986	1-216-813-11	METAL CHIP	220	5%	1/10W
R919	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R997	1-218-990-81	SHORT CHIP			
R920	1-218-965-11	RES-CHIP	10K	5%	1/16W	R998	1-218-990-81	SHORT CHIP			
R923	1-218-973-11	RES-CHIP	47K	5%	1/16W	R1202	1-218-941-81	RES-CHIP	100	5%	1/16W
R927	1-218-969-11	RES-CHIP	22K	5%	1/16W	R1203	1-218-941-81	RES-CHIP	100	5%	1/16W
R928	1-218-969-11	RES-CHIP	22K	5%	1/16W	R1207	1-218-965-11	RES-CHIP	10K	5%	1/16W
R930	1-218-973-11	RES-CHIP	47K	5%	1/16W	R1210	1-218-965-11	RES-CHIP	10K	5%	1/16W
R931	1-218-973-11	RES-CHIP	47K	5%	1/16W	R1211	1-218-977-11	RES-CHIP	100K	5%	1/16W
R932	1-218-977-11	RES-CHIP	100K	5%	1/16W	R1212	1-218-965-11	RES-CHIP	10K	5%	1/16W
R933	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	R1213	1-218-965-11	RES-CHIP	10K	5%	1/16W
R935	1-208-935-11	METAL CHIP	100K	0.50%	1/16W	R1214	1-218-977-11	RES-CHIP	100K	5%	1/16W
R938	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W	R1215	1-218-965-11	RES-CHIP	10K	5%	1/16W
R939	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W	R1216	1-218-977-11	RES-CHIP	100K	5%	1/16W
R940	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R1217	1-218-937-11	RES-CHIP	47	5%	1/16W
R941	1-218-973-11	RES-CHIP	47K	5%	1/16W	R1219	1-218-990-81	SHORT CHIP			
R942	1-218-973-11	RES-CHIP	47K	5%	1/16W	R1220	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R943	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R1221	1-218-937-11	RES-CHIP	47	5%	1/16W
R944	1-208-927-11	METAL CHIP	47K	0.50%	1/16W	R1222	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R945	1-208-927-11	METAL CHIP	47K	0.50%	1/16W	R1223	1-218-937-11	RES-CHIP	47	5%	1/16W
R946	1-218-978-11	RES-CHIP	120K	5%	1/16W	R1225	1-218-965-11	RES-CHIP	10K	5%	1/16W
R947	1-218-978-11	RES-CHIP	120K	5%	1/16W	R1226	1-218-990-81	SHORT CHIP			
R948	1-218-977-11	RES-CHIP	100K	5%	1/16W	R1228	1-218-965-11	RES-CHIP	10K	5%	1/16W
R949	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1231	1-218-965-11	RES-CHIP	10K	5%	1/16W
R950	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1232	1-218-949-11	RES-CHIP	470	5%	1/16W
R951	1-218-963-11	RES-CHIP	6.8K	5%	1/16W	R1233	1-218-953-11	RES-CHIP	1K	5%	1/16W
R952	1-216-295-91	SHORT CHIP				R1234	1-218-965-11	RES-CHIP	10K	5%	1/16W
R953	1-216-295-91	SHORT CHIP				R1236	1-218-953-11	RES-CHIP	1K	5%	1/16W





REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R1237	1-218-937-11	RES-CHIP	47	5%	1/16W	R1309	1-218-953-11	RES-CHIP	1K	5%	1/16W
R1238	1-218-937-11	RES-CHIP	47	5%	1/16W	R1312	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1247	1-218-941-81	RES-CHIP	100	5%	1/16W	R1315	1-218-953-11	RES-CHIP	1K	5%	1/16W
R1248	1-218-941-81	RES-CHIP	100	5%	1/16W	R1320	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1249	1-218-941-81	RES-CHIP	100	5%	1/16W	R1321	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1257	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1322	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1258	1-218-953-11	RES-CHIP	1K	5%	1/16W	R1325	1-218-953-11	RES-CHIP	1K	5%	1/16W
R1259	1-218-977-11	RES-CHIP	100K	5%	1/16W	R1326	1-218-953-11	RES-CHIP	1K	5%	1/16W
R1260	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1327	1-218-953-11	RES-CHIP	1K	5%	1/16W
R1261	1-218-989-11	RES-CHIP	1M	5%	1/16W	R1328	1-218-941-81	RES-CHIP	100	5%	1/16W
R1263	1-218-977-11	RES-CHIP	100K	5%	1/16W	R1329	1-218-941-81	RES-CHIP	100	5%	1/16W
R1264	1-218-949-11	RES-CHIP	470	5%	1/16W	R1336	1-218-949-11	RES-CHIP	470	5%	1/16W
R1265	1-218-937-11	RES-CHIP	47	5%	1/16W	R1337	1-218-953-11	RES-CHIP	1K	5%	1/16W
R1266	1-218-941-81	RES-CHIP	100	5%	1/16W	R1338	1-218-953-11	RES-CHIP	1K	5%	1/16W
R1268	1-218-937-11	RES-CHIP	47	5%	1/16W	R1339	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1269	1-218-937-11	RES-CHIP	47	5%	1/16W	R1340	1-245-604-11	METAL CHIP	10M	5%	1/16W
R1270	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1342	1-218-981-91	RES-CHIP	220K	5%	1/16W
R1272	1-218-937-11	RES-CHIP	47	5%	1/16W	R1344	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1273	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1346	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1274	1-218-937-11	RES-CHIP	47	5%	1/16W	R1352	1-218-953-11	RES-CHIP	1K	5%	1/16W
R1275	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1353	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1278	1-218-937-11	RES-CHIP	47	5%	1/16W	R1360	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1280	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1362	1-218-953-11	RES-CHIP	1K	5%	1/16W
R1281	1-218-941-81	RES-CHIP	100	5%	1/16W	R1363	1-218-990-81	SHORT CHIP			
R1283	1-218-953-11	RES-CHIP	1K	5%	1/16W	R1364	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1284	1-218-941-81	RES-CHIP	100	5%	1/16W	R1451	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R1285	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1452	1-218-990-81	SHORT CHIP			
R1286	1-218-937-11	RES-CHIP	47	5%	1/16W	R1453	1-208-869-11	METAL CHIP	180	0.50%	1/16W
R1287	1-218-941-81	RES-CHIP	100	5%	1/16W	R1454	1-208-671-11	METAL CHIP	330	0.50%	1/16W
R1288	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1455	1-218-990-81	SHORT CHIP			
R1289	1-218-941-81	RES-CHIP	100	5%	1/16W	R1456	1-208-677-11	METAL CHIP	560	0.50%	1/16W
R1290	1-218-953-11	RES-CHIP	1K	5%	1/16W	R1458	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R1291	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1460	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W
R1292	1-218-941-81	RES-CHIP	100	5%	1/16W	R1461	1-218-990-81	SHORT CHIP			
R1293	1-218-941-81	RES-CHIP	100	5%	1/16W	R1462	1-218-990-81	SHORT CHIP			
R1294	1-218-941-81	RES-CHIP	100	5%	1/16W	R1463	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R1295	1-218-941-81	RES-CHIP	100	5%	1/16W	R1464	1-208-647-11	METAL CHIP	33	0.50%	1/16W
R1296	1-218-953-11	RES-CHIP	1K	5%	1/16W	R1469	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1297	1-218-941-81	RES-CHIP	100	5%	1/16W	R1601	1-218-965-11	RES-CHIP	10K	5%	1/16W
R1300	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1602	1-218-990-81	SHORT CHIP			
R1301	1-218-937-11	RES-CHIP	47	5%	1/16W	R1604	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R1302	1-218-953-11	RES-CHIP	1K	5%	1/16W	R1606	1-216-864-11	SHORT CHIP			
R1303	1-218-941-81	RES-CHIP	100	5%	1/16W	R1607	1-218-990-81	SHORT CHIP			
R1305	1-218-937-11	RES-CHIP	47	5%	1/16W	R1608	1-218-990-81	SHORT CHIP			
R1307	1-218-941-81	RES-CHIP	100	5%	1/16W	R1609	1-218-990-81	SHORT CHIP			



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES
R1610	1-208-697-11	METAL CHIP	3.9K	0.50%	1/16W	RB1212	1-234-375-21	RES, NETWORK 1K	(1005X4)
R1611	1-208-675-11	METAL CHIP	470	0.50%	1/16W	RB1213	1-234-375-21	RES, NETWORK 1K	(1005X4)
R1612	1-208-885-11	METAL CHIP	820	0.50%	1/16W	RB1214	1-234-375-21	RES, NETWORK 1K	(1005X4)
R1613	1-218-953-11	RES-CHIP	1K	5%	1/16W	RB1215	1-239-690-81	RESISTOR, NETWORK 2.2K	
R1620	1-216-864-11	SHORT CHIP				RB1216	1-239-698-11	RESISTOR, NETWORK 10K	
R1625	1-216-295-91	SHORT CHIP				<b>TRANSFORMER</b>			
R1626	1-218-965-11	RES-CHIP	10K	5%	1/16W	TB401	1-780-487-11	S TERMINAL BLOCK	
<b>RESISTOR BRIDGE</b>						TB404	1-821-026-11	OPTICAL OUT TERMINAL	
RB001	1-234-943-21	RES, NETWORK 22	(1005X4)			<b>VARISTOR</b>			
RB002	1-234-943-21	RES, NETWORK 22	(1005X4)			VD016	1-802-090-21	VARISTOR, CHIP	
RB003	1-234-943-21	RES, NETWORK 22	(1005X4)			VD017	1-802-090-21	VARISTOR, CHIP	
RB004	1-234-711-21	RES, CHIP NETWORK 22X8	(3816)			VD018	1-802-090-21	VARISTOR, CHIP	
RB005	1-239-666-81	RESISTOR, NETWORK 22				VD019	1-802-090-21	VARISTOR, CHIP	
RB401	1-246-204-21	RES, CHIP NETWORK 600X8	(3816)			VD020	1-802-090-21	VARISTOR, CHIP	
RB402	1-246-204-21	RES, CHIP NETWORK 600X8	(3816)			VD021	1-802-090-21	VARISTOR, CHIP	
RB403	1-246-204-21	RES, CHIP NETWORK 600X8	(3816)			VD022	1-802-090-21	VARISTOR, CHIP	
RB404	1-246-204-21	RES, CHIP NETWORK 600X8	(3816)			VD023	1-802-090-21	VARISTOR, CHIP	
RB405	1-246-204-21	RES, CHIP NETWORK 600X8	(3816)			VD024	1-802-090-21	VARISTOR, CHIP	
RB406	1-246-204-21	RES, CHIP NETWORK 600X8	(3816)			VD025	1-802-090-21	VARISTOR, CHIP	
RB407	1-246-204-21	RES, CHIP NETWORK 600X8	(3816)			VD026	1-802-090-21	VARISTOR, CHIP	
RB408	1-246-204-21	RES, CHIP NETWORK 600X8	(3816)			VD027	1-802-090-21	VARISTOR, CHIP	
RB409	1-246-204-21	RES, CHIP NETWORK 600X8	(3816)			VD028	1-802-090-21	VARISTOR, CHIP	
RB410	1-246-204-21	RES, CHIP NETWORK 600X8	(3816)			VD029	1-802-090-21	VARISTOR, CHIP	
RB801	1-239-698-11	RESISTOR, NETWORK 10K				VD030	1-802-090-21	VARISTOR, CHIP	
RB802	1-234-381-21	RES, NETWORK 100K	(1005X4)			VD031	1-802-090-21	VARISTOR, CHIP	
RB803	1-234-378-11	RES, NETWORK 10K	(1005X4)			VD032	1-802-090-21	VARISTOR, CHIP	
RB804	1-234-378-11	RES, NETWORK 10K	(1005X4)			VD033	1-802-090-21	VARISTOR, CHIP	
RB805	1-239-674-81	RESISTOR, NETWORK 100				VD440	1-802-090-21	VARISTOR, CHIP	
RB807	1-234-944-21	RES, NETWORK 47	(1005X4)			VD441	1-802-090-21	VARISTOR, CHIP	
RB808	1-239-698-11	RESISTOR, NETWORK 10K				VD442	1-802-090-21	VARISTOR, CHIP	
RB810	1-239-674-81	RESISTOR, NETWORK 100				VD443	1-802-090-21	VARISTOR, CHIP	
RB811	1-239-698-11	RESISTOR, NETWORK 10K				VD444	1-802-090-21	VARISTOR, CHIP	
RB1201	1-234-944-21	RES, NETWORK 47	(1005X4)			VD445	1-802-090-21	VARISTOR, CHIP	
RB1202	1-234-944-21	RES, NETWORK 47	(1005X4)			VD446	1-802-090-21	VARISTOR, CHIP	
RB1203	1-234-378-11	RES, NETWORK 10K	(1005X4)			VD447	1-802-090-21	VARISTOR, CHIP	
RB1204	1-234-378-11	RES, NETWORK 10K	(1005X4)			VD448	1-802-090-21	VARISTOR, CHIP	
RB1205	1-234-945-21	RES, NETWORK 100	(1005X4)			VD449	1-802-090-21	VARISTOR, CHIP	
RB1206	1-234-945-21	RES, NETWORK 100	(1005X4)			VD450	1-802-090-21	VARISTOR, CHIP	
RB1207	1-234-945-21	RES, NETWORK 100	(1005X4)			VD451	1-802-090-21	VARISTOR, CHIP	
RB1208	1-234-945-21	RES, NETWORK 100	(1005X4)			VD452	1-802-090-21	VARISTOR, CHIP	
RB1209	1-234-945-21	RES, NETWORK 100	(1005X4)			VD453	1-802-090-21	VARISTOR, CHIP	
RB1210	1-234-945-21	RES, NETWORK 100	(1005X4)			VD454	1-802-090-21	VARISTOR, CHIP	
RB1211	1-234-945-21	RES, NETWORK 100	(1005X4)			VD455	1-802-090-21	VARISTOR, CHIP	
						VD456	1-802-090-21	VARISTOR, CHIP	

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

**AU DF1**

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
VD457	1-802-090-21	VARISTOR, CHIP				C6717	1-164-217-11	CERAMIC CHIP	150pF	5%	50V
VD458	1-802-090-21	VARISTOR, CHIP				C6718	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
VD459	1-802-090-21	VARISTOR, CHIP				C6719	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
VD460	1-802-090-21	VARISTOR, CHIP				C6720	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V
VD461	1-802-090-21	VARISTOR, CHIP				C6721	1-165-908-11	CERAMIC CHIP	1 $\mu$ F	10%	10V
VD462	1-802-090-21	VARISTOR, CHIP				C6722	1-165-908-11	CERAMIC CHIP	1 $\mu$ F	10%	10V
VD463	1-802-090-21	VARISTOR, CHIP				C6724	1-127-804-91	CERAMIC CHIP	100pF	1%	50V
VD464	1-802-090-21	VARISTOR, CHIP				C6725	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
VD465	1-802-090-21	VARISTOR, CHIP				C6726	1-127-573-11	CERAMIC CHIP	1 $\mu$ F	10%	16V
VD466	1-802-090-21	VARISTOR, CHIP				C6727	1-165-908-11	CERAMIC CHIP	1 $\mu$ F	10%	10V
VD467	1-802-090-21	VARISTOR, CHIP				C6728	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
VD468	1-802-090-21	VARISTOR, CHIP				C6729	1-107-882-91	ELECT	100 $\mu$ F	20%	16V
VD469	1-802-090-21	VARISTOR, CHIP				C6730	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
VD1602	1-802-090-21	VARISTOR, CHIP				C6731	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V
						C6732	1-100-591-91	CERAMIC CHIP	1 $\mu$ F	10%	25V
<b>CRYSTAL</b>						C6735	1-165-176-11	CERAMIC CHIP	0.047 $\mu$ F	10%	16V
X401	1-813-124-21	VIBRATOR, CERAMIC				C6738	1-165-908-11	CERAMIC CHIP	1 $\mu$ F	10%	10V
X801	1-813-462-11	VIBRATOR, CRYSTAL 24.576MHZ				C6739	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
X1201	1-813-999-11	VIBRATOR, CRYSTAL				C6740	1-107-882-91	ELECT	100 $\mu$ F	20%	16V
X1202	1-814-004-11	VIBRATOR, CRYSTAL				C6741	1-165-908-11	CERAMIC CHIP	1 $\mu$ F	10%	10V
<b>DF1</b>						C6742	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V
<b>A-1256-156-B DF1 BOARD, COMPLETE</b>						C6743	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V
<b>(KDL-40V3000 ONLY)</b>						C6744	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V
<b>2-580-592-01 SCREW, +PSW M3X8</b>						C6745	1-107-877-11	ELECT	1000 $\mu$ F	20%	10V
<b>CAPACITOR</b>						C6746	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V
$\triangle$ C6600	1-165-794-21	MYLAR	1 $\mu$ F	10%	450V	C6747	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V
C6604	1-115-339-11	CERAMIC CHIP	0.1 $\mu$ F	10%	50V	C6748	1-165-908-11	CERAMIC CHIP	1 $\mu$ F	10%	10V
$\triangle$ C6606	1-165-794-21	MYLAR	1 $\mu$ F	10%	450V	C6749	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V
C6609	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	C6750	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
C6612	1-119-891-51	CERAMIC	220pF	10%	250V	C6753	1-107-906-11	ELECT	10 $\mu$ F	20%	50V
C6658	1-115-339-11	CERAMIC CHIP	0.1 $\mu$ F	10%	50V	C6754	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
C6700	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V	C6755	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V
C6701	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V	C6756	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V
C6702	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V	C6757	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V
C6703	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V	C6759	1-107-882-91	ELECT	100 $\mu$ F	20%	16V
C6706	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V	C6785	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V
C6707	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V	C6789	1-107-882-91	ELECT	100 $\mu$ F	20%	16V
C6709	1-165-157-11	CERAMIC	39pF	5%	6.3KV	C6794	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V
C6710	1-162-968-11	CERAMIC CHIP	0.0047 $\mu$ F	10%	50V	C6795	1-162-979-11	CERAMIC CHIP	0.0027 $\mu$ F	10%	50V
C6711	1-165-157-11	CERAMIC	39pF	5%	6.3KV	C6796	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
C6712	1-162-968-11	CERAMIC CHIP	0.0047 $\mu$ F	10%	50V	$\triangle$ C6797	1-165-794-21	MYLAR	1 $\mu$ F	10%	450V
C6715	1-125-891-11	CERAMIC CHIP	0.47 $\mu$ F	10%	10V	<b>CONNECTOR</b>					
C6716	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V	$\triangle$ * CN6600	1-793-660-11	PIN, CONNECTOR (PC BOARD)	3P		
						* CN6707	1-779-944-21	PIN, CONNECTOR (PC BOARD)	4P		
						* CN6708	1-785-701-21	PIN, CONNECTOR (PC BOARD)	3P		

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# DF1

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
<b>DIODE</b>							
D6600	6-501-818-01	DIODE	MA2J1130GLS0	FB6605	1-410-396-41	FERRITE	0.45 $\mu$ H
D6601	6-501-818-01	DIODE	MA2J1130GLS0	FB6606	1-412-911-11	FERRITE	0 $\mu$ H
D6604	6-501-497-01	DIODE	S3L60F	FB6607	1-410-396-41	FERRITE	0.45 $\mu$ H
D6605	6-501-497-01	DIODE	S3L60F	FB6608	1-481-256-11	FERRITE	0 $\mu$ H
D6606	6-501-497-01	DIODE	S3L60F	FB6609	1-481-256-11	FERRITE	0 $\mu$ H
				<b>IC</b>			
D6607	6-501-497-01	DIODE	S3L60F	IC6702	6-708-762-01	IC	PQ200WNA1ZPH
D6608	6-501-818-01	DIODE	MA2J1130GLS0	* IC6703	8-759-575-27	IC	BA10339F-E2
D6609	6-501-818-01	DIODE	MA2J1130GLS0	IC6704	6-709-368-01	IC	MM1431ATT (CN)
D6612	6-501-497-01	DIODE	S3L60F	<b>CHIP CONDUCTOR</b>			
D6613	6-501-497-01	DIODE	S3L60F	JR6700	1-216-296-11	SHORT CHIP	
				JR6701	1-216-296-11	SHORT CHIP	
D6614	6-501-497-01	DIODE	S3L60F	JR6702	1-216-296-11	SHORT CHIP	
D6615	6-501-497-01	DIODE	S3L60F	JR6703	1-216-296-11	SHORT CHIP	
D6620	8-719-083-57	DIODE	UDZSNPTE-173.6B	JR6704	1-216-296-11	SHORT CHIP	
D6621	8-719-083-57	DIODE	UDZSNPTE-173.6B	JR6705	1-216-296-11	SHORT CHIP	
D6623	8-719-083-57	DIODE	UDZSNPTE-173.6B	JR6706	1-216-296-11	SHORT CHIP	
				JR6707	1-216-296-11	SHORT CHIP	
D6624	8-719-083-57	DIODE	UDZSNPTE-173.6B	JR6708	1-216-296-11	SHORT CHIP	
D6625	6-500-137-01	DIODE	BAT54HT1	JR6709	1-216-296-11	SHORT CHIP	
D6700	6-501-730-01	DIODE	MAZ8051GMLS0	JR6710	1-216-296-11	SHORT CHIP	
D6701	6-501-730-01	DIODE	MAZ8051GMLS0	JR6711	1-216-864-11	SHORT CHIP	
D6702	6-501-817-01	DIODE	MA2J1110GLS0	JR6714	1-216-296-11	SHORT CHIP	
				JR6717	1-216-864-11	SHORT CHIP	
D6703	6-501-817-01	DIODE	MA2J1110GLS0	JR6718	1-216-864-11	SHORT CHIP	
D6704	8-719-062-51	DIODE	1PS226-115	JR6719	1-216-296-11	SHORT CHIP	
D6705	8-719-062-51	DIODE	1PS226-115	JR6721	1-216-296-11	SHORT CHIP	
D6708	6-501-817-01	DIODE	MA2J1110GLS0	JR6724	1-216-296-11	SHORT CHIP	
D6709	6-501-740-01	DIODE	MAZ8068GOLS0	JR6725	1-216-864-11	SHORT CHIP	
				JR6726	1-216-296-11	SHORT CHIP	
D6710	6-501-740-01	DIODE	MAZ8068GOLS0	<b>COIL</b>			
D6714	6-501-717-01	DIODE	MAZ8039GOLS0	$\triangle$ L6600	1-406-976-11	INDUCTOR	68 $\mu$ H
D6715	6-501-717-01	DIODE	MAZ8039GOLS0	<b>TRANSISTOR</b>			
D6717	6-500-335-01	DIODE	MC2838-T112-1	Q6600	8-729-804-41	TRANSISTOR	2SB1122-S
D6718	6-501-817-01	DIODE	MA2J1110GLS0	Q6601	8-729-804-41	TRANSISTOR	2SB1122-S
				Q6604	8-729-804-41	TRANSISTOR	2SB1122-S
D6720	8-719-062-51	DIODE	1PS226-115	Q6605	8-729-804-41	TRANSISTOR	2SB1122-S
D6721	6-501-768-01	DIODE	MAZ8120GMLS0	Q6704	8-729-028-27	TRANSISTOR	2SK2009(TE85L)
<b>GROUND TERMINAL BOARD</b>				Q6705	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
ET6700	1-537-770-21	TERMINAL BOARD, GROUND		Q6711	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
ET6701	1-537-770-21	TERMINAL BOARD, GROUND		Q6712	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
<b>FERRITE BEAD</b>				Q6714	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
FB6600	1-412-911-11	FERRITE	0 $\mu$ H				
FB6601	1-410-396-41	FERRITE	0.45 $\mu$ H				
FB6602	1-412-911-11	FERRITE	0 $\mu$ H				
FB6603	1-410-396-41	FERRITE	0.45 $\mu$ H				
FB6604	1-412-911-11	FERRITE	0 $\mu$ H				

DF1

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
	<b>RESISTOR</b>					R6721	1-216-817-11	METAL CHIP	470	5%	1/10W
R6600	1-216-057-00	RES-CHIP	2.2K	5%	1/10W	R6722	1-218-897-11	METAL CHIP	120K	0.50%	1/10W
R6601	1-216-057-00	RES-CHIP	2.2K	5%	1/10W	R6723	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6602	1-249-403-11	CARBON	68	5%	1/4W	R6724	1-216-864-11	SHORT CHIP			
R6603	1-249-403-11	CARBON	68	5%	1/4W	R6725	1-218-891-11	METAL CHIP	68K	0.50%	1/10W
R6604	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R6727	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6605	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R6729	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6606	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6730	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6607	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6731	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6609	1-216-857-11	METAL CHIP	1M	5%	1/10W	R6733	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R6610	1-216-057-00	RES-CHIP	2.2K	5%	1/10W	R6734	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6611	1-216-057-00	RES-CHIP	2.2K	5%	1/10W	R6736	1-218-885-11	METAL CHIP	39K	0.50%	1/10W
R6612	1-249-403-11	CARBON	68	5%	1/4W	R6737	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6613	1-249-403-11	CARBON	68	5%	1/4W	R6750	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6614	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R6751	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6615	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R6752	1-211-981-11	METAL CHIP	33	0.50%	1/10W
R6616	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6754	1-211-981-11	METAL CHIP	33	0.50%	1/10W
R6617	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6755	1-216-861-11	METAL CHIP	2.2M	5%	1/10W
R6619	1-216-857-11	METAL CHIP	1M	5%	1/10W	R6756	1-211-981-11	METAL CHIP	33	0.50%	1/10W
R6632	1-216-057-00	RES-CHIP	2.2K	5%	1/10W	R6757	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6633	1-216-057-00	RES-CHIP	2.2K	5%	1/10W	R6758	1-211-981-11	METAL CHIP	33	0.50%	1/10W
R6634	1-216-057-00	RES-CHIP	2.2K	5%	1/10W	R6760	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
R6635	1-216-057-00	RES-CHIP	2.2K	5%	1/10W	R6761	1-218-853-11	METAL CHIP	1.8K	0.50%	1/10W
R6636	1-216-864-11	SHORT CHIP				R6762	1-211-983-11	METAL CHIP	39	0.50%	1/10W
R6637	1-216-864-11	SHORT CHIP				R6763	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R6638	1-216-864-11	SHORT CHIP				R6764	1-211-985-11	METAL CHIP	47	0.50%	1/10W
R6639	1-216-864-11	SHORT CHIP				R6766	1-216-864-11	SHORT CHIP			
R6700	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R6767	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R6701	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R6770	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R6702	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R6771	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6703	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R6772	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6704	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R6773	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6705	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6775	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6706	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6776	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
R6707	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6777	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6708	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6778	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6710	1-243-831-71	METAL OXIDE	12	5%	1W	R6779	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6711	1-243-831-71	METAL OXIDE	12	5%	1W	R6780	1-216-864-11	SHORT CHIP			
R6712	1-243-831-71	METAL OXIDE	12	5%	1W	R6782	1-216-842-11	METAL CHIP	56K	5%	1/10W
R6713	1-243-831-71	METAL OXIDE	12	5%	1W	R6783	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6714	1-216-836-11	METAL CHIP	18K	5%	1/10W	R6786	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6715	1-216-837-11	METAL CHIP	22K	5%	1/10W	R6787	1-216-817-11	METAL CHIP	470	5%	1/10W
R6716	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R6788	1-216-864-11	SHORT CHIP			

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

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

**DF1** **DF2** **DF3**

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6789	1-218-887-11	METAL CHIP	47K	0.50%	1/10W	C6703	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V
R6790	1-218-883-11	METAL CHIP	33K	0.50%	1/10W	C6706	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
R6792	1-216-837-11	METAL CHIP	22K	5%	1/10W	C6710	1-162-966-11	CERAMIC CHIP	0.0022 $\mu$ F	10%	50V
R6793	1-216-833-11	METAL CHIP	10K	5%	1/10W	C6712	1-162-966-11	CERAMIC CHIP	0.0022 $\mu$ F	10%	50V
R6794	1-218-871-11	METAL CHIP	10K	0.50%	1/10W	C6715	1-125-891-11	CERAMIC CHIP	0.47 $\mu$ F	10%	10V
R6795	1-216-841-11	METAL CHIP	47K	5%	1/10W	C6716	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
R6802	1-218-871-11	METAL CHIP	10K	0.50%	1/10W	C6717	1-164-217-11	CERAMIC CHIP	150pF	5%	50V
R6804	1-249-381-11	CARBON	1	5%	1/4W	C6718	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
R6805	1-216-793-11	METAL CHIP	4.7	5%	1/10W	C6719	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
R6809	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	C6720	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V
R6810	1-218-875-11	METAL CHIP	15K	0.50%	1/10W	C6721	1-165-908-11	CERAMIC CHIP	1 $\mu$ F	10%	10V
R6811	1-218-871-11	METAL CHIP	10K	0.50%	1/10W	C6723	1-165-908-11	CERAMIC CHIP	1 $\mu$ F	10%	10V
R6816	1-216-864-11	SHORT CHIP				C6724	1-127-804-91	CERAMIC CHIP	100pF	1%	50V
R6820	1-216-864-11	SHORT CHIP				C6725	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
R6821	1-216-864-11	SHORT CHIP				C6726	1-127-573-11	CERAMIC CHIP	1 $\mu$ F	10%	16V
R6822	1-216-864-11	SHORT CHIP				C6727	1-165-908-11	CERAMIC CHIP	1 $\mu$ F	10%	10V
R6909	1-216-821-11	METAL CHIP	1K	5%	1/10W	C6728	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
R6911	1-216-845-11	METAL CHIP	100K	5%	1/10W	C6729	1-107-882-91	ELECT	100 $\mu$ F	20%	16V
R6913	1-216-864-11	SHORT CHIP				C6730	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
R6914	1-218-847-11	METAL CHIP	1K	0.50%	1/10W	C6731	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V
<b>TRANSFORMER</b>						C6732	1-100-591-91	CERAMIC CHIP	1 $\mu$ F	10%	25V
$\triangle$ T6600	8-597-057-00	TRANSFORMER, HIGH-VOLTAGE INSU				C6735	1-165-176-11	CERAMIC CHIP	0.047 $\mu$ F	10%	16V
$\triangle$ T6800	1-445-237-11	TRANSFORMER, DRIVE				C6738	1-165-908-11	CERAMIC CHIP	1 $\mu$ F	10%	10V
$\triangle$ T6801	8-597-057-00	TRANSFORMER, HIGH-VOLTAGE INSU				C6739	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
						C6740	1-107-882-91	ELECT	100 $\mu$ F	20%	16V
						C6741	1-165-908-11	CERAMIC CHIP	1 $\mu$ F	10%	10V
						C6742	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V
						C6743	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V
						C6744	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V
						C6745	1-107-877-11	ELECT	1000 $\mu$ F	20%	10V
						C6746	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V
						C6747	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V
						C6748	1-165-908-11	CERAMIC CHIP	1 $\mu$ F	10%	10V
						C6749	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V
						C6750	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
						C6753	1-107-906-11	ELECT	10 $\mu$ F	20%	50V
						C6754	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
						C6755	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V
						C6756	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V
						C6757	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V
						C6759	1-107-882-91	ELECT	100 $\mu$ F	20%	16V
						C6785	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V
						C6789	1-107-882-91	ELECT	100 $\mu$ F	20%	16V
						C6794	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V
						C6795	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V

**DF2** **DF3**

\* **A-1253-585-B DF2 BOARD, MOUNTED**

\* **A-1253-586-B DF3 BOARD, MOUNTED**

The following are the components of the DF2 Board and the DF3 Board.  
(KDL-46V3000/46VL130 ONLY)

2-580-592-01 SCREW, +PSW M3X8

2-580-592-01 SCREW, +PSW M3X8

**CAPACITOR**

$\triangle$  C6600 1-112-744-61 MYLAR 1 $\mu$ F 10% 450V

C6601 1-162-964-11 CERAMIC CHIP 0.001 $\mu$ F 10% 50V

C6602 1-162-964-11 CERAMIC CHIP 0.001 $\mu$ F 10% 50V

C6604 1-115-339-11 CERAMIC CHIP 0.1 $\mu$ F 10% 50V

$\triangle$  C6606 1-112-744-61 MYLAR 1 $\mu$ F 10% 450V

C6609 1-107-826-11 CERAMIC CHIP 0.1 $\mu$ F 10% 16V

C6612 1-119-891-51 CERAMIC 220pF 10% 250V

C6700 1-100-566-91 CERAMIC CHIP 0.1 $\mu$ F 10% 25V

C6701 1-100-566-91 CERAMIC CHIP 0.1 $\mu$ F 10% 25V

C6702 1-100-566-91 CERAMIC CHIP 0.1 $\mu$ F 10% 25V



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

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

**DF2 DF3**

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
JR6706	1-216-864-11	SHORT CHIP		R6635	1-216-057-00	RES-CHIP	2.2K 5% 1/10W
JR6707	1-216-296-11	SHORT CHIP		R6638	1-216-864-11	SHORT CHIP	
JR6708	1-216-296-11	SHORT CHIP		R6639	1-216-864-11	SHORT CHIP	
JR6709	1-216-296-11	SHORT CHIP		R6700	1-216-793-11	METAL CHIP	4.7 5% 1/10W
JR6710	1-216-296-11	SHORT CHIP		R6701	1-216-793-11	METAL CHIP	4.7 5% 1/10W
JR6711	1-216-864-11	SHORT CHIP		R6702	1-216-793-11	METAL CHIP	4.7 5% 1/10W
JR6712	1-216-296-11	SHORT CHIP		R6703	1-216-793-11	METAL CHIP	4.7 5% 1/10W
JR6714	1-216-296-11	SHORT CHIP		R6704	1-216-793-11	METAL CHIP	4.7 5% 1/10W
JR6717	1-216-864-11	SHORT CHIP		R6705	1-216-833-11	METAL CHIP	10K 5% 1/10W
JR6718	1-216-864-11	SHORT CHIP		R6706	1-216-833-11	METAL CHIP	10K 5% 1/10W
JR6719	1-216-296-11	SHORT CHIP		R6707	1-216-833-11	METAL CHIP	10K 5% 1/10W
JR6721	1-216-296-11	SHORT CHIP		R6708	1-216-833-11	METAL CHIP	10K 5% 1/10W
JR6724	1-216-296-11	SHORT CHIP		R6710	1-243-681-71	METAL OXIDE	33 5% 1W
JR6725	1-216-864-11	SHORT CHIP		R6711	1-243-681-71	METAL OXIDE	33 5% 1W
JR6726	1-216-296-11	SHORT CHIP		R6714	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
JR6901	1-216-296-11	SHORT CHIP		R6715	1-216-833-11	METAL CHIP	10K 5% 1/10W
JR6905	1-216-296-11	SHORT CHIP		R6716	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
JR6906	1-216-296-11	SHORT CHIP		R6721	1-216-817-11	METAL CHIP	470 5% 1/10W
<b>COIL</b>				R6722	1-218-897-11	METAL CHIP	120K 0.50% 1/10W
$\triangle$ L6600	1-406-977-21	INDUCTOR	100 $\mu$ H	R6723	1-218-871-11	METAL CHIP	10K 0.50% 1/10W
$\triangle$ L6800	1-406-977-21	INDUCTOR	100 $\mu$ H	R6724	1-216-864-11	SHORT CHIP	
<b>TRANSISTOR</b>				R6725	1-218-891-11	METAL CHIP	68K 0.50% 1/10W
Q6604	8-729-804-41	TRANSISTOR	2SB1122-S	R6727	1-216-841-11	METAL CHIP	47K 5% 1/10W
Q6605	8-729-804-41	TRANSISTOR	2SB1122-S	R6729	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
Q6704	8-729-028-27	TRANSISTOR	2SK2009(TE85L)	R6730	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
Q6705	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	R6731	1-216-837-11	METAL CHIP	22K 5% 1/10W
Q6711	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	R6733	1-218-863-11	METAL CHIP	4.7K 0.50% 1/10W
Q6712	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	R6734	1-216-833-11	METAL CHIP	10K 5% 1/10W
Q6714	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	R6736	1-218-885-11	METAL CHIP	39K 0.50% 1/10W
Q6800	8-729-804-41	TRANSISTOR	2SB1122-S	R6737	1-216-821-11	METAL CHIP	1K 5% 1/10W
Q6801	8-729-804-41	TRANSISTOR	2SB1122-S	R6750	1-218-895-11	METAL CHIP	100K 0.50% 1/10W
<b>RESISTOR</b>				R6751	1-218-871-11	METAL CHIP	10K 0.50% 1/10W
R6609	1-216-857-11	METAL CHIP	1M 5% 1/10W	R6752	1-211-981-11	METAL CHIP	33 0.50% 1/10W
R6610	1-216-057-00	RES-CHIP	2.2K 5% 1/10W	R6754	1-211-981-11	METAL CHIP	33 0.50% 1/10W
R6611	1-216-057-00	RES-CHIP	2.2K 5% 1/10W	R6755	1-216-861-11	METAL CHIP	2.2M 5% 1/10W
R6612	1-249-403-11	CARBON	68 5% 1/4W	R6756	1-211-983-11	METAL CHIP	39 0.50% 1/10W
R6613	1-249-403-11	CARBON	68 5% 1/4W	R6757	1-216-833-11	METAL CHIP	10K 5% 1/10W
R6614	1-216-793-11	METAL CHIP	4.7 5% 1/10W	R6758	1-211-985-11	METAL CHIP	47 0.50% 1/10W
R6615	1-216-793-11	METAL CHIP	4.7 5% 1/10W	R6759	1-218-847-11	METAL CHIP	1K 0.50% 1/10W
R6616	1-216-833-11	METAL CHIP	10K 5% 1/10W	R6760	1-218-847-11	METAL CHIP	1K 0.50% 1/10W
R6617	1-216-833-11	METAL CHIP	10K 5% 1/10W	R6761	1-218-853-11	METAL CHIP	1.8K 0.50% 1/10W
R6634	1-216-057-00	RES-CHIP	2.2K 5% 1/10W	R6762	1-211-987-11	METAL CHIP	56 0.50% 1/10W
				R6763	1-218-863-11	METAL CHIP	4.7K 0.50% 1/10W



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

NOTE: The components identified by a red outline and a  $\Delta$  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.

**DF2** **DF3**  
**FB3**

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6764	1-211-987-11	METAL CHIP	56	0.50%	1/10W	R6909	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6766	1-216-864-11	SHORT CHIP				R6911	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6767	1-216-830-11	METAL CHIP	5.6K	5%	1/10W	R6913	1-216-864-11	SHORT CHIP			
R6770	1-218-885-11	METAL CHIP	39K	0.50%	1/10W	R6914	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6771	1-218-847-11	METAL CHIP	1K	0.50%	1/10W	R6915	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6772	1-218-871-11	METAL CHIP	10K	0.50%	1/10W	R6916	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6773	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6917	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6775	1-216-840-11	METAL CHIP	39K	5%	1/10W	R6918	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6776	1-218-891-11	METAL CHIP	68K	0.50%	1/10W	R6919	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6777	1-218-895-11	METAL CHIP	100K	0.50%	1/10W	R6920	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6778	1-218-895-11	METAL CHIP	100K	0.50%	1/10W	R6921	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6779	1-218-871-11	METAL CHIP	10K	0.50%	1/10W	R6922	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6780	1-216-864-11	SHORT CHIP				R6924	1-243-681-71	METAL OXIDE	33	5%	1W
R6782	1-216-842-11	METAL CHIP	56K	5%	1/10W	R6925	1-243-681-71	METAL OXIDE	33	5%	1W
R6783	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6932	1-216-864-11	SHORT CHIP			
R6786	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R6933	1-216-864-11	SHORT CHIP			
R6787	1-216-817-11	METAL CHIP	470	5%	1/10W	R6936	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
R6788	1-216-864-11	SHORT CHIP				R6937	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
R6789	1-218-887-11	METAL CHIP	47K	0.50%	1/10W	<b>TRANSFORMER</b>					
R6790	1-218-883-11	METAL CHIP	33K	0.50%	1/10W	$\Delta$ T6801	8-597-058-00	TRANSFORMER, HIGH-VOLTAGE INSU			
R6792	1-216-837-11	METAL CHIP	22K	5%	1/10W	$\Delta$ T6901	8-597-058-00	TRANSFORMER, HIGH-VOLTAGE INSU			
R6793	1-216-833-11	METAL CHIP	10K	5%	1/10W	<b>FB3</b>					
R6794	1-218-871-11	METAL CHIP	10K	0.50%	1/10W	<b><math>\Delta</math> A-1362-639-A FB3 BOARD, COMPLETE</b>					
R6795	1-216-841-11	METAL CHIP	47K	5%	1/10W	<b>CONTACT TERMINAL</b>					
R6802	1-218-871-11	METAL CHIP	10K	0.50%	1/10W	A2101	1-694-974-21	CONTACT TERMINAL			
R6804	1-249-381-11	CARBON	1	5%	1/4W	A2102	1-694-974-21	CONTACT TERMINAL			
R6805	1-216-793-11	METAL CHIP	4.7	5%	1/10W	A2103	1-694-974-21	CONTACT TERMINAL			
R6808	1-218-446-11	METAL CHIP	1	5%	1/10W	A2104	1-694-974-21	CONTACT TERMINAL			
R6809	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	A4900	1-694-974-21	CONTACT TERMINAL			
R6810	1-218-875-11	METAL CHIP	15K	0.50%	1/10W	A4902	1-694-974-21	CONTACT TERMINAL			
R6811	1-218-871-11	METAL CHIP	10K	0.50%	1/10W	A4903	1-694-974-21	CONTACT TERMINAL			
R6816	1-216-864-11	SHORT CHIP				A4905	1-694-974-21	CONTACT TERMINAL			
R6820	1-216-864-11	SHORT CHIP				<b>CAPACITOR</b>					
R6821	1-216-864-11	SHORT CHIP				C2100	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V
R6822	1-216-864-11	SHORT CHIP				C2101	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V
R6827	1-216-857-11	METAL CHIP	1M	5%	1/10W	C2102	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V
R6828	1-216-057-00	RES-CHIP	2.2K	5%	1/10W	C2103	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
R6829	1-216-057-00	RES-CHIP	2.2K	5%	1/10W	C2104	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V
R6832	1-249-403-11	CARBON	68	5%	1/4W						
R6833	1-249-403-11	CARBON	68	5%	1/4W						
R6834	1-216-793-11	METAL CHIP	4.7	5%	1/10W						
R6835	1-216-793-11	METAL CHIP	4.7	5%	1/10W						
R6838	1-216-833-11	METAL CHIP	10K	5%	1/10W						
R6839	1-216-833-11	METAL CHIP	10K	5%	1/10W						
R6901	1-216-864-11	SHORT CHIP									



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C2105	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2328	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2106	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C2329	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2107	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C2330	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2108	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C2331	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2109	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C2332	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2111	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C2333	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2113	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C2334	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2114	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C2335	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2115	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C2336	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2116	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C2337	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2117	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C2338	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2120	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C2339	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2121	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C2340	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2122	1-164-849-11	CERAMIC CHIP	9pF	0.50pF	50V	C2341	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2123	1-164-850-11	CERAMIC CHIP	10pF	0.50pF	50V	C2342	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2124	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C2343	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2125	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C2344	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2126	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C2345	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2127	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C2346	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2128	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C2347	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2129	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C2348	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2130	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C2349	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2131	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C2350	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2132	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C2351	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2133	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C2352	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2300	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C2353	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2301	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C2354	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2305	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C2355	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2306	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C2356	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2309	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C2357	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2310	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C2358	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2313	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C2359	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2315	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C2360	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2316	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C2361	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2317	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C2362	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2318	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C2364	1-112-046-11	CERAMIC CHIP	4.7μF	10%	6.3V
C2319	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C2365	1-112-046-11	CERAMIC CHIP	4.7μF	10%	6.3V
C2320	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C2500	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2321	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C2501	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2322	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C2502	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C2323	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C2503	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C2324	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C2504	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2325	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C2505	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2326	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C2506	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2327	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C2507	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C2508	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2558	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C2509	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2559	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C2510	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2560	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C2511	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2561	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C2512	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2562	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C2513	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2563	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C2514	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2564	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C2515	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2565	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C2516	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2566	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C2518	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2567	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C2519	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2570	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C2521	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C2571	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C2523	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2574	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2524	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2575	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2525	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2576	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2526	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C2577	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2527	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C2700	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2528	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C2701	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2529	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C2702	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2530	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C2703	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2531	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C2704	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2532	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C2705	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2533	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C2706	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2536	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C2707	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2537	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C2710	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2538	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C2711	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2539	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C2712	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2540	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C2713	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2541	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C2714	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2542	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C2715	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2543	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C2716	1-112-046-11	CERAMIC CHIP	4.7μF	10%	6.3V
C2544	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C2719	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2545	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C2720	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C2546	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C2721	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C2547	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C2724	1-112-046-11	CERAMIC CHIP	4.7μF	10%	6.3V
C2548	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C2731	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2549	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C2732	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
C2550	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C2739	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C2551	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C2900	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2552	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C2902	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2553	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C2904	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2554	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C2907	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2555	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C2908	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2556	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C2909	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2557	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C2910	1-164-852-11	CERAMIC CHIP	12pF	5%	50V

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C2912	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4000	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2913	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4001	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2915	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4002	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C2916	1-164-852-11	CERAMIC CHIP	12pF	5%	50V	C4003	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C2918	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4005	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2919	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4006	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2922	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4011	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2923	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4013	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C2924	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4100	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V
C2925	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4101	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V
C2927	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4103	1-164-868-11	CERAMIC CHIP	56pF	5%	50V
C2929	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4105	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V
C2931	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4108	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V
C2933	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4110	1-112-775-11	CERAMIC CHIP	0.0022μF	10%	50V
C2935	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4112	1-164-245-11	CERAMIC CHIP	0.015μF	10%	25V
C2938	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4114	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C2939	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4116	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C2940	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4118	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C2941	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4120	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3300	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4121	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3301	1-162-963-11	CERAMIC CHIP	680pF	10%	50V	C4122	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3302	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4123	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C3303	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V	C4128	1-164-245-11	CERAMIC CHIP	0.015μF	10%	25V
C3306	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4129	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C3307	1-112-786-11	ELECT CHIP	330μF	20%	4V	C4130	1-112-775-11	CERAMIC CHIP	0.0022μF	10%	50V
C3310	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4131	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C3311	1-100-769-21	ELECT CHIP	470μF	20%	16V	C4136	1-164-868-11	CERAMIC CHIP	56pF	5%	50V
C3312	1-114-343-11	ELECT CHIP	100μF	20%	6.3V	C4138	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C3317	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4139	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C3319	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V	C4142	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C3321	1-114-331-11	CERAMIC CHIP	4.7μF	10%	10V	C4143	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C3323	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4146	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C3327	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V	C4147	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C3330	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C4149	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V
C3332	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4150	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3334	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V	C4151	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C3337	1-112-786-11	ELECT CHIP	330μF	20%	4V	C4153	1-164-868-11	CERAMIC CHIP	56pF	5%	50V
C3338	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	C4154	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V
C3339	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4155	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C3343	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C4157	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C3345	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4158	1-112-775-11	CERAMIC CHIP	0.0022μF	10%	50V
C3347	1-100-912-11	CERAMIC CHIP	1μF	10%	25V	C4159	1-164-245-11	CERAMIC CHIP	0.015μF	10%	25V
C3348	1-114-331-11	CERAMIC CHIP	4.7μF	10%	10V	C4160	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C3349	1-114-331-11	CERAMIC CHIP	4.7μF	10%	10V	C4162	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C3350	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V	C4165	1-100-912-11	CERAMIC CHIP	1μF	10%	25V





REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C4617	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4917	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4618	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C4918	1-135-366-11	ELECT CHIP	100μF	20%	16V
C4619	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4919	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4620	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4920	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C4621	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4921	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4622	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4922	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C4623	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4923	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4624	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4924	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C4626	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4925	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4627	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4926	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4628	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4927	1-135-366-11	ELECT CHIP	100μF	20%	16V
C4629	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4928	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4631	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4929	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4632	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4930	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4633	1-164-172-11	CERAMIC CHIP	0.0056μF	10%	25V	C4931	1-135-366-11	ELECT CHIP	100μF	20%	16V
C4634	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4932	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4636	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4933	1-135-366-11	ELECT CHIP	100μF	20%	16V
C4639	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4934	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4640	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4935	1-135-366-11	ELECT CHIP	100μF	20%	16V
C4641	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4937	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4642	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4938	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4643	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4939	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4644	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4940	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4645	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4941	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4646	1-112-779-11	CERAMIC CHIP	0.047μF	10%	25V	C4942	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4647	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4943	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C4649	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4944	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4650	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4945	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4900	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4946	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C4901	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4947	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4902	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4948	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4903	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4949	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4904	1-135-366-11	ELECT CHIP	100μF	20%	16V	C4950	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4905	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4951	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4906	1-135-366-11	ELECT CHIP	100μF	20%	16V	C4952	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4907	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4953	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4908	1-135-366-11	ELECT CHIP	100μF	20%	16V	C4954	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4909	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4955	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4910	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4956	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4911	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4957	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4912	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C4958	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4913	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4959	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4914	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4960	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4915	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C4961	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4916	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4962	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C4963	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5181	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4964	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5200	1-112-779-11	CERAMIC CHIP	0.047μF	10%	25V
C4966	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5201	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
C4967	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5202	1-115-412-11	CERAMIC CHIP	680pF	5%	25V
C4969	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5203	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V
C4970	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5204	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V
C4971	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5206	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
C4972	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5208	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4973	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5209	1-112-786-11	ELECT CHIP	330μF	20%	4V
C4974	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C5212	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C4976	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5213	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C4977	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5214	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C4978	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C5215	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C4979	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C5216	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C4980	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C5217	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C4981	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C5218	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C4982	1-164-850-11	CERAMIC CHIP	10pF	0.50pF	50V	C5219	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C4983	1-164-852-11	CERAMIC CHIP	12pF	5%	50V	C5220	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C4984	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	C5221	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C4985	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5222	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C4986	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C5223	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C4988	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5224	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C4989	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5225	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C5001	1-135-366-11	ELECT CHIP	100μF	20%	16V	C5226	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C5002	1-135-366-11	ELECT CHIP	100μF	20%	16V	C5227	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C5003	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5228	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C5004	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C5229	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C5005	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C5230	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C5006	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5231	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C5010	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C5232	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C5011	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5233	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C5012	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5234	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C5013	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5235	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C5014	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5236	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C5015	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5237	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C5016	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C5238	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C5017	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C5239	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C5018	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C5240	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C5019	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C5241	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C5020	1-135-366-11	ELECT CHIP	100μF	20%	16V	C5242	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C5021	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C5243	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C5024	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5244	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C5025	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C5245	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C5026	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5246	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C5106	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5247	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C5248	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C5401	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C5249	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C5402	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C5250	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C5403	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C5251	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C5404	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C5252	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C5409	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C5253	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C5410	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C5254	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C5414	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C5255	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C5415	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C5256	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C5416	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C5257	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C5417	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C5258	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C5418	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C5259	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C5419	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C5260	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C5420	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C5261	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C5421	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C5262	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C5422	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5263	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C5423	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5264	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C5424	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5265	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C5425	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5266	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C5426	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C5267	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C5427	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5268	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C5428	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C5269	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C5429	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5270	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C5430	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C5271	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C5431	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5272	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C5432	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C5273	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C5433	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5274	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C5434	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C5275	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C5435	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5276	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C5436	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C5277	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C5437	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5278	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C5438	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C5279	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C5439	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5280	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C5440	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C5281	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C5441	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5282	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C5442	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C5283	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C5443	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C5284	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C5444	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5285	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C5445	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5286	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C5446	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C5287	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C5447	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C5288	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C5448	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5289	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C5449	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5290	1-114-343-11	ELECT CHIP	100μF	20%	6.3V	C5450	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C5291	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5451	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C5400	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5454	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V





**FB3**

REF. NO.	PART NO.	DESCRIPTION	VALUES		REF. NO.	PART NO.	DESCRIPTION	VALUES
ET4115	1-780-482-11	EARTH TERMINAL			FB4605	1-400-382-11	FERRITE	0μH
ET4116	1-780-482-11	EARTH TERMINAL			FB4606	1-469-100-21	FERRITE	0μH
ET4117	1-780-482-11	EARTH TERMINAL			FB4607	1-469-100-21	FERRITE	0μH
ET4118	1-780-482-11	EARTH TERMINAL			FB4608	1-469-100-21	FERRITE	0μH
ET4119	1-780-482-11	EARTH TERMINAL			FB4900	1-400-499-21	FERRITE	0μH
<b>FUSE</b>					FB4901	1-400-499-21	FERRITE	0μH
F4100	1-576-603-21	FUSE	3.15A	24V	FB4902	1-400-499-21	FERRITE	0μH
F4102	1-576-913-11	FUSE	1.6A	36V	FB4903	1-400-580-21	FERRITE	0μH
F4600	1-576-646-11	FUSE	0.5A	50V	FB4904	1-400-499-21	FERRITE	0μH
F4900	1-576-596-21	FUSE	1A	32V	FB4905	1-400-499-21	FERRITE	0μH
F4901	1-576-646-11	FUSE	0.5A	50V	FB4906	1-400-499-21	FERRITE	0μH
F5200	1-576-603-21	FUSE	3.15A	24V	FB4907	1-400-499-21	FERRITE	0μH
<b>FERRITE BEAD</b>					FB4908	1-400-499-21	FERRITE	0μH
FB2100	1-400-382-11	FERRITE	0μH		FB4909	1-400-499-21	FERRITE	0μH
FB2300	1-400-382-11	FERRITE	0μH		FB4910	1-400-499-21	FERRITE	0μH
FB2301	1-400-382-11	FERRITE	0μH		FB4911	1-400-499-21	FERRITE	0μH
FB2302	1-400-382-11	FERRITE	0μH		FB4912	1-400-499-21	FERRITE	0μH
FB2902	1-400-382-11	FERRITE	0μH		FB4913	1-400-499-21	FERRITE	0μH
FB2903	1-400-382-11	FERRITE	0μH		FB4914	1-400-499-21	FERRITE	0μH
FB2912	1-400-461-21	FERRITE	0μH		FB4915	1-400-499-21	FERRITE	0μH
FB2913	1-400-461-21	FERRITE	0μH		FB4916	1-400-499-21	FERRITE	0μH
FB2914	1-400-461-21	FERRITE	0μH		FB4917	1-400-580-21	FERRITE	0μH
FB3300	1-400-382-11	FERRITE	0μH		FB5129	1-400-499-21	FERRITE	0μH
FB4000	1-400-499-21	FERRITE	0μH		FB5400	1-400-461-21	FERRITE	0μH
FB4004	1-400-499-21	FERRITE	0μH		FB5401	1-400-461-21	FERRITE	0μH
FB4108	1-400-580-21	FERRITE	0μH		FB5402	1-400-461-21	FERRITE	0μH
FB4109	1-400-580-21	FERRITE	0μH		FB5404	1-400-461-21	FERRITE	0μH
FB4122	1-400-580-21	FERRITE	0μH		FB5600	1-400-580-21	FERRITE	0μH
FB4123	1-400-580-21	FERRITE	0μH		FB5601	1-400-580-21	FERRITE	0μH
FB4500	1-400-499-21	FERRITE	0μH		FB5602	1-400-580-21	FERRITE	0μH
FB4501	1-400-382-11	FERRITE	0μH		FB5605	1-400-580-21	FERRITE	0μH
FB4502	1-400-499-21	FERRITE	0μH		FB5606	1-400-580-21	FERRITE	0μH
FB4503	1-400-499-21	FERRITE	0μH		FB5607	1-400-580-21	FERRITE	0μH
FB4504	1-400-499-21	FERRITE	0μH		FB5609	1-400-499-21	FERRITE	0μH
FB4505	1-400-499-21	FERRITE	0μH		FB5610	1-400-499-21	FERRITE	0μH
FB4506	1-400-499-21	FERRITE	0μH		FB5611	1-400-499-21	FERRITE	0μH
FB4507	1-400-499-21	FERRITE	0μH		FB5616	1-400-499-21	FERRITE	0μH
FB4508	1-400-499-21	FERRITE	0μH		FB5619	1-400-499-21	FERRITE	0μH
FB4509	1-400-499-21	FERRITE	0μH		FB5620	1-400-580-21	FERRITE	0μH
FB4600	1-400-382-11	FERRITE	0μH		FB5621	1-400-499-21	FERRITE	0μH
FB4601	1-400-382-11	FERRITE	0μH		FB5622	1-400-499-21	FERRITE	0μH
FB4603	1-400-382-11	FERRITE	0μH		FB5623	1-400-499-21	FERRITE	0μH
FB4604	1-400-382-11	FERRITE	0μH		FB5625	1-400-580-21	FERRITE	0μH



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES	
<b>FILTER</b>				IC4901	6-711-289-01	IC	IDT6V40006APGGI	
*	FL4300	1-813-880-11	INDUCTOR	0μH	IC4903	6-702-436-01	IC	AD8061ARTZ-REEL7
*	FL4301	1-813-880-11	INDUCTOR	0μH	IC5102	6-703-181-01	IC	TC74VXCX74FT(EL)
*	FL4302	1-813-880-11	INDUCTOR	0μH	IC5181	6-700-225-01	IC	TC74VXCX157FT(EL)
*	FL4303	1-813-880-11	INDUCTOR	0μH	IC5200	6-710-949-01	IC	SN0608006PWPR
*	FL4304	1-813-880-11	INDUCTOR	0μH	IC5201	6-711-261-01	IC	HYB18TC256160AF-3S
*	FL4305	1-813-880-11	INDUCTOR	0μH	IC5203	6-711-261-01	IC	HYB18TC256160AF-3S
*	FL4306	1-813-880-11	INDUCTOR	0μH	IC5204	6-706-478-01	IC	TC7SET08FU(T5RSOJF)
*	FL4307	1-813-880-11	INDUCTOR	0μH	IC5400	6-707-897-01	IC	EDS6416AHTA-75-E
	FL4900	1-234-560-21	FILTER, LOW PASS		IC5401	6-708-219-01	IC	MB91305PMC-G-BNDE1
<b>IC</b>				IC5402	6-807-654-01	IC	S29JL032H70TFI010-FIX2-U300	
IC2000	6-711-624-01	IC	UPD61162F1-RNA-A-U	IC5403	6-704-566-01	IC	R3112N291A-TR-FA	
IC2100	6-807-439-01	IC	7PRC0-EPM3064ATC44-10N	IC5405	6-701-185-01	IC	MC74VHC1G125DFT1	
IC2101	6-702-913-01	IC	S-80929CNMC-G8ZT2G	IC5600	8-759-596-29	IC	SN74LV4066APWR	
IC2102	6-702-913-01	IC	S-80929CNMC-G8ZT2G	IC5601	6-706-487-01	IC	TC7SH08FU(T5RSOYJF)	
IC2103	6-706-492-01	IC	TC7SHU04FU(T5RSOJF)	IC5602	6-706-487-01	IC	TC7SH08FU(T5RSOYJF)	
IC2105	6-702-913-01	IC	S-80929CNMC-G8ZT2G	IC5603	6-706-487-01	IC	TC7SH08FU(T5RSOYJF)	
IC2108	6-704-099-01	IC	TC7WZ08FK(TE85R)	<b>COIL</b>				
IC2109	6-709-743-01	IC	TC7WBD125AFK (T5L.F)	L2900	1-457-223-11	INDUCTOR	0μH	
IC2110	6-706-487-01	IC	TC7SH08FU(T5RSOYJF)	L3300	1-481-246-11	INDUCTOR	2.2μH	
IC2300	6-807-555-01	IC	MBM29LV200TC-90PFTN-M2.001C	L3301	1-481-257-11	INDUCTOR	4.7μH	
IC2304	6-706-487-01	IC	TC7SH08FU(T5RSOYJF)	L3304	1-481-246-11	INDUCTOR	2.2μH	
IC2501	6-710-270-11	IC	EDE5116AHSE-6E-E-TR	L4100	1-424-918-21	INDUCTOR	10μH	
IC2502	6-710-270-11	IC	EDE5116AHSE-6E-E-TR	L4101	1-457-247-21	INDUCTOR	4.7μH	
IC2702	6-711-237-01	IC	NJM2878F3-33 (TE2)	L4105	1-424-918-21	INDUCTOR	10μH	
IC2703	6-711-194-01	IC	TC7MBL3244AFK (EL)	L4600	1-469-555-21	INDUCTOR	10μH	
IC2900	6-706-130-11	IC	UPD720101GJ-UEN-E2-A	L4900	1-469-555-21	INDUCTOR	10μH	
IC3300	6-710-949-01	IC	SN0608006PWPR	L4901	1-469-555-21	INDUCTOR	10μH	
IC3301	6-711-145-01	IC	TPS51124RGER	L4902	1-469-555-21	INDUCTOR	10μH	
IC3302	6-710-941-01	IC	MM3141ZNRE(1.07V)	L4906	1-469-549-21	INDUCTOR	1μH	
IC3303	6-708-762-01	IC	PQ200WNA1ZPH	L4907	1-469-555-21	INDUCTOR	10μH	
IC3307	6-708-762-01	IC	PQ200WNA1ZPH	L5200	1-481-246-11	INDUCTOR	2.2μH	
IC4100	8-753-272-40	IC	CXA3738N-T4	L5600	1-456-583-11	INDUCTOR	0μH	
IC4102	6-709-703-01	IC	MM3141JNRE	L5601	1-456-583-11	INDUCTOR	0μH	
IC4103	6-710-080-01	IC	MM3292FNRE	L5602	1-456-583-11	INDUCTOR	0μH	
IC4105	8-753-272-40	IC	CXA3738N-T4	L5603	1-456-583-11	INDUCTOR	0μH	
IC4300	6-704-600-01	IC	M24C02-WMN6T(B)	L5604	1-456-583-11	INDUCTOR	0μH	
IC4301	6-704-600-01	IC	M24C02-WMN6T(B)	L5605	1-456-583-11	INDUCTOR	0μH	
IC4601	6-707-739-01	IC	MM1661JTRE	L5606	1-456-583-11	INDUCTOR	0μH	
IC4602	6-711-220-01	IC	THC7981-17	L5607	1-456-583-11	INDUCTOR	0μH	
IC4603	6-709-703-01	IC	MM3141JNRE	L5608	1-456-583-11	INDUCTOR	0μH	
IC4604	6-704-600-01	IC	M24C02-WMN6T(B)	L5609	1-456-583-11	INDUCTOR	0μH	
IC4900	8-753-278-14	IC	CXD4716GB	L5610	1-456-583-11	INDUCTOR	0μH	
				L5611	1-456-583-11	INDUCTOR	0μH	



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
<b>IC LINK</b>							
PS3300	1-576-925-11	IC LINK	3.15A 0V	Q4604	8-729-117-73	TRANSISTOR	2SC4178-F14
PS3302	1-576-925-11	IC LINK	3.15A 0V	Q4605	8-729-117-73	TRANSISTOR	2SC4178-F14
<b>TRANSISTOR</b>							
Q2100	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	Q4606	8-729-117-73	TRANSISTOR	2SC4178-F14
Q2101	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	Q4607	8-729-027-43	TRANSISTOR	DTC114EKA-T146
Q2102	8-729-015-76	TRANSISTOR	UN5211	Q4900	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
Q2103	8-729-015-76	TRANSISTOR	UN5211	Q4901	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
Q2104	8-729-015-76	TRANSISTOR	UN5211	Q4904	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
Q2700	8-729-015-76	TRANSISTOR	UN5211	Q4907	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
Q2701	8-729-037-53	TRANSISTOR	2SB1462J-QR(TX).SO	Q4909	6-551-321-01	TRANSISTOR	RT3WLM-TP-1F
Q3300	6-551-639-01	TRANSISTOR	RTR040N03TL	* Q5200	6-550-663-01	TRANSISTOR	RSS100N03TB
Q3301	6-551-639-01	TRANSISTOR	RTR040N03TL	Q5201	6-550-663-01	TRANSISTOR	RSS100N03TB
Q3302	6-551-639-01	TRANSISTOR	RTR040N03TL	Q5401	8-729-038-11	TRANSISTOR	RT1P140C-TP-1
Q3303	6-551-639-01	TRANSISTOR	RTR040N03TL	Q5402	6-551-690-01	TRANSISTOR	RT3N11M-TP-1
Q3304	6-551-456-01	TRANSISTOR	RTR020P02TL	Q5405	8-729-027-38	TRANSISTOR	DTA144EKA-T146
Q3305	6-551-276-01	TRANSISTOR	RT1N431C-TP-1	Q5406	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
* Q3306	6-550-663-01	TRANSISTOR	RSS100N03TB	Q5601	8-729-027-43	TRANSISTOR	DTC114EKA-T146
* Q3307	6-550-663-01	TRANSISTOR	RSS100N03TB	<b>RESISTOR</b>			
Q4100	6-550-851-01	TRANSISTOR	RSS050P03FTB	R2100	1-208-703-11	METAL CHIP	6.8K 0.50% 1/16W
Q4101	6-551-690-01	TRANSISTOR	RT3N11M-TP-1	R2101	1-208-695-11	METAL CHIP	3.3K 0.50% 1/16W
Q4102	6-550-851-01	TRANSISTOR	RSS050P03FTB	R2102	1-208-935-11	METAL CHIP	100K 0.50% 1/16W
* Q4104	6-550-663-01	TRANSISTOR	RSS100N03TB	R2103	1-208-695-11	METAL CHIP	3.3K 0.50% 1/16W
* Q4105	6-550-663-01	TRANSISTOR	RSS100N03TB	R2104	1-208-709-11	METAL CHIP	12K 0.50% 1/16W
Q4108	6-550-851-01	TRANSISTOR	RSS050P03FTB	R2105	1-208-699-11	METAL CHIP	4.7K 0.50% 1/16W
* Q4110	6-550-663-01	TRANSISTOR	RSS100N03TB	R2106	1-218-961-11	RES-CHIP	4.7K 5% 1/16W
Q4115	6-551-456-01	TRANSISTOR	RTR020P02TL	R2107	1-218-965-11	RES-CHIP	10K 5% 1/16W
Q4117	8-729-027-43	TRANSISTOR	DTC114EKA-T146	R2108	1-218-961-11	RES-CHIP	4.7K 5% 1/16W
Q4300	6-551-690-01	TRANSISTOR	RT3N11M-TP-1	R2109	1-218-965-11	RES-CHIP	10K 5% 1/16W
Q4307	8-729-027-43	TRANSISTOR	DTC114EKA-T146	R2110	1-218-961-11	RES-CHIP	4.7K 5% 1/16W
Q4318	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	R2114	1-218-977-11	RES-CHIP	100K 5% 1/16W
Q4319	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	R2116	1-218-977-11	RES-CHIP	100K 5% 1/16W
Q4320	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	R2118	1-218-989-11	RES-CHIP	1M 5% 1/16W
Q4321	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	R2120	1-208-687-11	METAL CHIP	1.5K 0.50% 1/16W
Q4322	8-729-038-28	TRANSISTOR	RT1N441C-TP-1	R2145	1-218-937-11	RES-CHIP	47 5% 1/16W
Q4380	8-729-027-43	TRANSISTOR	DTC114EKA-T146	R2163	1-218-965-11	RES-CHIP	10K 5% 1/16W
Q4381	8-729-027-43	TRANSISTOR	DTC114EKA-T146	R2200	1-218-937-11	RES-CHIP	47 5% 1/16W
Q4600	8-729-122-63	TRANSISTOR	2SA1226-E4	R2201	1-218-953-11	RES-CHIP	1K 5% 1/16W
Q4601	8-729-122-63	TRANSISTOR	2SA1226-E4	R2205	1-218-941-81	RES-CHIP	100 5% 1/16W
Q4602	8-729-122-63	TRANSISTOR	2SA1226-E4	R2207	1-218-937-11	RES-CHIP	47 5% 1/16W
Q4603	8-729-117-73	TRANSISTOR	2SC4178-F14	R2208	1-218-952-11	RES-CHIP	820 5% 1/16W
				R2209	1-218-937-11	RES-CHIP	47 5% 1/16W
				R2215	1-218-965-11	RES-CHIP	10K 5% 1/16W
				R2216	1-218-965-11	RES-CHIP	10K 5% 1/16W



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R2219	1-218-937-11	RES-CHIP	47	5%	1/16W	R2729	1-208-883-81	METAL CHIP	680	0.50%	1/16W
R2220	1-218-937-11	RES-CHIP	47	5%	1/16W	R2731	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R2225	1-218-990-81	SHORT CHIP									
R2228	1-218-990-81	SHORT CHIP				R2732	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R2229	1-218-990-81	SHORT CHIP				R2735	1-218-990-81	SHORT CHIP			
						R2761	1-218-949-11	RES-CHIP	470	5%	1/16W
R2230	1-218-977-11	RES-CHIP	100K	5%	1/16W	R2769	1-218-933-11	RES-CHIP	22	5%	1/16W
R2231	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W	R2786	1-218-937-11	RES-CHIP	47	5%	1/16W
R2232	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W						
R2233	1-218-933-11	RES-CHIP	22	5%	1/16W	R2793	1-218-937-11	RES-CHIP	47	5%	1/16W
R2300	1-218-947-11	RES-CHIP	330	5%	1/16W	R2805	1-218-933-11	RES-CHIP	22	5%	1/16W
R2305	1-218-977-11	RES-CHIP	100K	5%	1/16W	R2819	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2307	1-218-977-11	RES-CHIP	100K	5%	1/16W	R2821	1-218-937-11	RES-CHIP	47	5%	1/16W
						R2823	1-218-937-11	RES-CHIP	47	5%	1/16W
R2308	1-218-965-11	RES-CHIP	10K	5%	1/16W						
R2311	1-218-977-11	RES-CHIP	100K	5%	1/16W	R2824	1-218-937-11	RES-CHIP	47	5%	1/16W
R2315	1-218-977-11	RES-CHIP	100K	5%	1/16W	R2825	1-218-937-11	RES-CHIP	47	5%	1/16W
R2316	1-218-977-11	RES-CHIP	100K	5%	1/16W	R2829	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2349	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2850	1-218-933-11	RES-CHIP	22	5%	1/16W
						R2900	1-218-945-11	RES-CHIP	220	5%	1/16W
R2350	1-218-989-11	RES-CHIP	1M	5%	1/16W						
R2352	1-218-953-11	RES-CHIP	1K	5%	1/16W	R2914	1-218-937-11	RES-CHIP	47	5%	1/16W
R2367	1-218-990-81	SHORT CHIP				R2915	1-218-937-11	RES-CHIP	47	5%	1/16W
R2369	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2916	1-218-937-11	RES-CHIP	47	5%	1/16W
R2371	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2930	1-218-941-81	RES-CHIP	100	5%	1/16W
						R2941	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R2372	1-218-961-11	RES-CHIP	4.7K	5%	1/16W						
R2373	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2942	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R2374	1-218-990-81	SHORT CHIP				R2952	1-220-884-81	METAL CHIP	39	0.50%	1/16W
R2503	1-218-935-11	RES-CHIP	33	5%	1/16W	R2953	1-208-675-11	METAL CHIP	470	0.50%	1/16W
R2504	1-208-663-11	METAL CHIP	150	0.50%	1/16W	R2954	1-208-675-11	METAL CHIP	470	0.50%	1/16W
						R2955	1-220-884-81	METAL CHIP	39	0.50%	1/16W
R2505	1-208-663-11	METAL CHIP	150	0.50%	1/16W						
R2508	1-218-933-11	RES-CHIP	22	5%	1/16W	R2956	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R2509	1-218-933-11	RES-CHIP	22	5%	1/16W	R2957	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R2510	1-218-933-11	RES-CHIP	22	5%	1/16W	R2961	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R2511	1-218-933-11	RES-CHIP	22	5%	1/16W	R2966	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
						R3304	1-218-953-11	RES-CHIP	1K	5%	1/16W
R2512	1-218-933-11	RES-CHIP	22	5%	1/16W						
R2513	1-218-933-11	RES-CHIP	22	5%	1/16W	R3305	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R2514	1-218-933-11	RES-CHIP	22	5%	1/16W	R3309	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2519	1-218-943-11	RES-CHIP	150	5%	1/16W	R3310	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2520	1-218-943-11	RES-CHIP	150	5%	1/16W	R3311	1-216-864-11	SHORT CHIP			
						R3323	1-218-990-81	SHORT CHIP			
R2704	1-218-935-11	RES-CHIP	33	5%	1/16W						
R2705	1-218-990-81	SHORT CHIP				R3324	1-218-990-81	SHORT CHIP			
R2706	1-218-990-81	SHORT CHIP				R3325	1-208-677-11	METAL CHIP	560	0.50%	1/16W
R2707	1-218-990-81	SHORT CHIP				R3326	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R2708	1-218-990-81	SHORT CHIP				R3331	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
						R3333	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2721	1-218-990-81	SHORT CHIP									
R2722	1-218-990-81	SHORT CHIP				R3334	1-216-791-11	METAL CHIP	3.3	5%	1/10W
R2723	1-218-990-81	SHORT CHIP				R3335	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R3337	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R4052	1-218-990-81	SHORT CHIP			
R3338	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4053	1-218-990-81	SHORT CHIP			
R3339	1-208-677-11	METAL CHIP	560	0.50%	1/16W	R4054	1-218-990-81	SHORT CHIP			
R3341	1-218-990-81	SHORT CHIP				R4055	1-218-990-81	SHORT CHIP			
R3342	1-218-990-81	SHORT CHIP				R4056	1-218-990-81	SHORT CHIP			
R3343	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W	R4057	1-218-990-81	SHORT CHIP			
R3344	1-218-953-11	RES-CHIP	1K	5%	1/16W	R4060	1-218-990-81	SHORT CHIP			
R3346	1-218-941-11	RES-CHIP	100	5%	1/16W	R4068	1-218-990-81	SHORT CHIP			
R3351	1-218-990-81	SHORT CHIP				R4069	1-218-990-81	SHORT CHIP			
R3354	1-208-643-11	METAL CHIP	22	0.50%	1/16W	R4070	1-218-990-81	SHORT CHIP			
R3355	1-208-675-11	METAL CHIP	470	0.50%	1/16W	R4071	1-218-990-81	SHORT CHIP			
R3356	1-208-894-81	METAL CHIP	2K	0.50%	1/16W	R4072	1-218-990-81	SHORT CHIP			
R3359	1-218-990-81	SHORT CHIP				R4073	1-218-990-81	SHORT CHIP			
R3360	1-208-893-11	METAL CHIP	1.8K	0.50%	1/16W	R4074	1-218-990-81	SHORT CHIP			
R3361	1-208-894-81	METAL CHIP	2K	0.50%	1/16W	R4075	1-218-990-81	SHORT CHIP			
R3365	1-218-990-81	SHORT CHIP				R4076	1-218-990-81	SHORT CHIP			
R4000	1-218-990-81	SHORT CHIP				R4078	1-218-990-81	SHORT CHIP			
R4001	1-218-990-81	SHORT CHIP				R4079	1-218-990-81	SHORT CHIP			
R4004	1-218-990-81	SHORT CHIP				R4080	1-218-990-81	SHORT CHIP			
R4005	1-218-990-81	SHORT CHIP				R4081	1-218-990-81	SHORT CHIP			
R4021	1-218-990-81	SHORT CHIP				R4083	1-218-990-81	SHORT CHIP			
R4024	1-218-990-81	SHORT CHIP				R4090	1-218-990-81	SHORT CHIP			
R4026	1-218-990-81	SHORT CHIP				R4091	1-218-990-81	SHORT CHIP			
R4028	1-218-990-81	SHORT CHIP				R4092	1-218-990-81	SHORT CHIP			
R4030	1-218-990-81	SHORT CHIP				R4093	1-218-990-81	SHORT CHIP			
R4032	1-218-990-81	SHORT CHIP				R4094	1-218-990-81	SHORT CHIP			
R4033	1-218-990-81	SHORT CHIP				R4095	1-218-990-81	SHORT CHIP			
R4035	1-218-990-81	SHORT CHIP				R4096	1-218-990-81	SHORT CHIP			
R4037	1-218-990-81	SHORT CHIP				R4097	1-218-990-81	SHORT CHIP			
R4038	1-218-990-81	SHORT CHIP				R4098	1-218-990-81	SHORT CHIP			
R4039	1-218-990-81	SHORT CHIP				R4099	1-218-990-81	SHORT CHIP			
R4040	1-218-990-81	SHORT CHIP				R4100	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R4041	1-218-990-81	SHORT CHIP				R4102	1-218-990-81	SHORT CHIP			
R4042	1-218-990-81	SHORT CHIP				R4103	1-218-990-81	SHORT CHIP			
R4043	1-218-990-81	SHORT CHIP				R4104	1-208-943-11	METAL CHIP	220K	0.50%	1/16W
R4044	1-218-990-81	SHORT CHIP				R4105	1-208-943-11	METAL CHIP	220K	0.50%	1/16W
R4045	1-218-990-81	SHORT CHIP				R4106	1-218-990-81	SHORT CHIP			
R4046	1-218-990-81	SHORT CHIP				R4111	1-218-929-11	RES-CHIP	10	5%	1/16W
R4047	1-218-990-81	SHORT CHIP				R4112	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W
R4048	1-218-990-81	SHORT CHIP				R4115	1-218-929-11	RES-CHIP	10	5%	1/16W
R4049	1-218-990-81	SHORT CHIP				R4116	1-218-990-81	SHORT CHIP			
R4050	1-218-990-81	SHORT CHIP				R4117	1-218-990-81	SHORT CHIP			
R4051	1-218-990-81	SHORT CHIP				R4119	1-218-929-11	RES-CHIP	10	5%	1/16W
						R4120	1-218-990-81	SHORT CHIP			
						R4121	1-218-990-81	SHORT CHIP			



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R4122	1-208-909-11	METAL CHIP	8.2K	0.50%	1/16W	R4371	1-218-990-81	SHORT CHIP			
R4127	1-218-990-81	SHORT CHIP				R4373	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R4128	1-218-929-11	RES-CHIP	10	5%	1/16W	R4380	1-218-990-81	SHORT CHIP			
R4130	1-218-929-11	RES-CHIP	10	5%	1/16W	R4381	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4131	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4383	1-218-990-81	SHORT CHIP			
R4138	1-218-990-81	SHORT CHIP				R4384	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4141	1-208-715-11	METAL CHIP	22K	0.50%	1/16W	R4387	1-218-990-81	SHORT CHIP			
R4144	1-218-990-81	SHORT CHIP				R4428	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R4146	1-218-978-11	RES-CHIP	120K	5%	1/16W	R4429	1-218-990-81	SHORT CHIP			
R4147	1-218-978-11	RES-CHIP	120K	5%	1/16W	R4433	1-208-939-11	METAL CHIP	150K	0.50%	1/16W
R4148	1-218-978-11	RES-CHIP	120K	5%	1/16W	R4434	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R4152	1-208-711-11	METAL CHIP	15K	0.50%	1/16W	R4435	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R4160	1-208-711-11	METAL CHIP	15K	0.50%	1/16W	R4440	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R4161	1-218-990-81	SHORT CHIP				R4449	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R4162	1-218-978-11	RES-CHIP	120K	5%	1/16W	R4452	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R4163	1-208-929-81	METAL CHIP	56K	0.50%	1/16W	R4453	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R4164	1-208-721-11	METAL CHIP	39K	0.50%	1/16W	R4455	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R4165	1-218-990-81	SHORT CHIP				R4460	1-218-990-81	SHORT CHIP			
R4166	1-208-715-11	METAL CHIP	22K	0.50%	1/16W	R4461	1-218-990-81	SHORT CHIP			
R4169	1-218-990-81	SHORT CHIP				R4462	1-218-941-81	RES-CHIP	100	5%	1/16W
R4171	1-218-990-81	SHORT CHIP				R4463	1-218-941-81	RES-CHIP	100	5%	1/16W
R4172	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R4498	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R4177	1-218-929-11	RES-CHIP	10	5%	1/16W	R4500	1-218-973-11	RES-CHIP	47K	5%	1/16W
R4181	1-218-990-81	SHORT CHIP				R4502	1-218-990-81	SHORT CHIP			
R4188	1-218-990-81	SHORT CHIP				R4503	1-218-939-11	RES-CHIP	68	5%	1/16W
R4201	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4505	1-218-937-11	RES-CHIP	47	5%	1/16W
R4202	1-218-953-11	RES-CHIP	1K	5%	1/16W	R4506	1-218-937-11	RES-CHIP	47	5%	1/16W
R4206	1-216-864-11	SHORT CHIP				R4508	1-218-937-11	RES-CHIP	47	5%	1/16W
R4207	1-216-864-11	SHORT CHIP				R4509	1-218-937-11	RES-CHIP	47	5%	1/16W
R4301	1-218-990-81	SHORT CHIP				R4511	1-218-937-11	RES-CHIP	47	5%	1/16W
R4302	1-218-990-81	SHORT CHIP				R4512	1-218-937-11	RES-CHIP	47	5%	1/16W
R4303	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R4513	1-218-937-11	RES-CHIP	47	5%	1/16W
R4304	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R4514	1-218-937-11	RES-CHIP	47	5%	1/16W
R4316	1-218-929-11	RES-CHIP	10	5%	1/16W	R4515	1-218-933-11	RES-CHIP	22	5%	1/16W
R4317	1-218-929-11	RES-CHIP	10	5%	1/16W	R4520	1-218-933-11	RES-CHIP	22	5%	1/16W
R4318	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R4523	1-218-990-81	SHORT CHIP			
R4319	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R4524	1-218-990-81	SHORT CHIP			
R4333	1-208-869-11	METAL CHIP	180	0.50%	1/16W	R4525	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R4334	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R4527	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4345	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R4534	1-216-864-11	SHORT CHIP			
R4366	1-218-990-81	SHORT CHIP				R4535	1-218-973-11	RES-CHIP	47K	5%	1/16W
R4367	1-218-973-11	RES-CHIP	47K	5%	1/16W	R4536	1-218-973-11	RES-CHIP	47K	5%	1/16W
R4368	1-218-973-11	RES-CHIP	47K	5%	1/16W	R4538	1-216-864-11	SHORT CHIP			
R4369	1-218-973-11	RES-CHIP	47K	5%	1/16W	R4539	1-218-990-81	SHORT CHIP			
R4370	1-218-973-11	RES-CHIP	47K	5%	1/16W	R4545	1-218-939-11	RES-CHIP	68	5%	1/16W



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R4546	1-218-939-11	RES-CHIP	68	5%	1/16W	R4698	1-218-933-11	RES-CHIP	22	5%	1/16W
R4547	1-218-935-11	RES-CHIP	33	5%	1/16W	R4699	1-218-933-11	RES-CHIP	22	5%	1/16W
R4590	1-218-990-81	SHORT CHIP				R4903	1-218-935-11	RES-CHIP	33	5%	1/16W
R4591	1-218-990-81	SHORT CHIP				R4904	1-218-953-11	RES-CHIP	1K	5%	1/16W
R4596	1-218-938-11	RES-CHIP	56	5%	1/16W	R4905	1-218-935-11	RES-CHIP	33	5%	1/16W
R4597	1-218-990-81	SHORT CHIP				R4908	1-216-864-11	SHORT CHIP			
R4600	1-208-675-11	METAL CHIP	470	0.50%	1/16W	R4915	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R4601	1-208-675-11	METAL CHIP	470	0.50%	1/16W	R4916	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R4602	1-208-675-11	METAL CHIP	470	0.50%	1/16W	R4918	1-218-935-11	RES-CHIP	33	5%	1/16W
R4606	1-208-677-11	METAL CHIP	560	0.50%	1/16W	R4919	1-218-935-11	RES-CHIP	33	5%	1/16W
R4607	1-208-677-11	METAL CHIP	560	0.50%	1/16W	R4921	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R4608	1-208-677-11	METAL CHIP	560	0.50%	1/16W	R4922	1-218-941-11	RES-CHIP	100	5%	1/16W
R4609	1-208-861-81	METAL CHIP	82	0.50%	1/16W	R4924	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R4610	1-208-861-81	METAL CHIP	82	0.50%	1/16W	R4925	1-218-941-11	RES-CHIP	100	5%	1/16W
R4611	1-208-861-81	METAL CHIP	82	0.50%	1/16W	R4927	1-208-871-81	METAL CHIP	220	0.50%	1/16W
R4618	1-218-835-11	METAL CHIP	330	0.50%	1/10W	R4929	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4619	1-218-929-11	RES-CHIP	10	5%	1/16W	R4933	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R4620	1-218-835-11	METAL CHIP	330	0.50%	1/10W	R4934	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R4621	1-218-929-11	RES-CHIP	10	5%	1/16W	R4935	1-218-958-11	RES-CHIP	2.7K	5%	1/16W
R4622	1-218-835-11	METAL CHIP	330	0.50%	1/10W	R4936	1-218-990-81	SHORT CHIP			
R4623	1-218-929-11	RES-CHIP	10	5%	1/16W	R4938	1-218-958-11	RES-CHIP	2.7K	5%	1/16W
R4628	1-216-815-11	METAL CHIP	330	5%	1/10W	R4939	1-218-990-81	SHORT CHIP			
R4629	1-216-815-11	METAL CHIP	330	5%	1/10W	R4941	1-218-947-11	RES-CHIP	330	5%	1/16W
R4630	1-216-815-11	METAL CHIP	330	5%	1/10W	R4942	1-218-935-11	RES-CHIP	33	5%	1/16W
R4631	1-216-815-11	METAL CHIP	330	5%	1/10W	R4943	1-218-990-81	SHORT CHIP			
R4636	1-218-990-81	SHORT CHIP				R4946	1-216-815-11	METAL CHIP	330	5%	1/10W
R4637	1-218-990-81	SHORT CHIP				R4948	1-216-815-11	METAL CHIP	330	5%	1/10W
R4640	1-218-990-81	SHORT CHIP				R4959	1-218-941-11	RES-CHIP	100	5%	1/16W
R4641	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4960	1-208-883-81	METAL CHIP	680	0.50%	1/16W
R4642	1-218-941-81	RES-CHIP	100	5%	1/16W	R4961	1-218-941-11	RES-CHIP	100	5%	1/16W
R4644	1-218-990-81	SHORT CHIP				R4967	1-218-990-81	SHORT CHIP			
R4646	1-218-937-11	RES-CHIP	47	5%	1/16W	R4968	1-218-990-81	SHORT CHIP			
R4648	1-218-937-11	RES-CHIP	47	5%	1/16W	R4969	1-218-941-11	RES-CHIP	100	5%	1/16W
R4649	1-218-937-11	RES-CHIP	47	5%	1/16W	R4970	1-218-941-11	RES-CHIP	100	5%	1/16W
R4652	1-218-937-11	RES-CHIP	47	5%	1/16W	R4974	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R4654	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4976	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R4660	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R4978	1-218-990-81	SHORT CHIP			
R4662	1-218-933-11	RES-CHIP	22	5%	1/16W	R4990	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R4669	1-218-990-81	SHORT CHIP				R4991	1-218-941-11	RES-CHIP	100	5%	1/16W
R4670	1-218-990-81	SHORT CHIP				R4994	1-218-953-11	RES-CHIP	1K	5%	1/16W
R4684	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R4996	1-208-677-11	METAL CHIP	560	0.50%	1/16W
R4685	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R4997	1-218-990-81	SHORT CHIP			
R4692	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W	R5002	1-208-885-11	METAL CHIP	820	0.50%	1/16W
R4693	1-218-941-11	RES-CHIP	100	5%	1/16W	R5005	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W
R4696	1-218-933-11	RES-CHIP	22	5%	1/16W	R5006	1-218-935-11	RES-CHIP	33	5%	1/16W



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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R5012	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W	R5224	1-218-990-81	SHORT CHIP			
R5014	1-218-973-11	RES-CHIP	47K	5%	1/16W	R5225	1-242-967-81	RES-CHIP	1	5%	1/16W
R5015	1-218-953-11	RES-CHIP	1K	5%	1/16W	R5230	1-218-990-81	SHORT CHIP			
R5016	1-218-990-81	SHORT CHIP				R5405	1-218-933-11	RES-CHIP	22	5%	1/16W
R5017	1-218-990-81	SHORT CHIP				R5406	1-218-939-11	RES-CHIP	68	5%	1/16W
R5019	1-218-935-11	RES-CHIP	33	5%	1/16W	R5407	1-218-937-11	RES-CHIP	47	5%	1/16W
R5020	1-216-864-11	SHORT CHIP				R5408	1-218-937-11	RES-CHIP	47	5%	1/16W
R5021	1-216-864-11	SHORT CHIP				R5409	1-218-939-11	RES-CHIP	68	5%	1/16W
R5119	1-218-990-81	SHORT CHIP				R5410	1-218-937-11	RES-CHIP	47	5%	1/16W
R5120	1-218-990-81	SHORT CHIP				R5411	1-218-939-11	RES-CHIP	68	5%	1/16W
R5121	1-218-990-81	SHORT CHIP				R5412	1-218-939-11	RES-CHIP	68	5%	1/16W
R5122	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5416	1-218-990-81	SHORT CHIP			
R5123	1-218-937-11	RES-CHIP	47	5%	1/16W	R5427	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5124	1-218-933-11	RES-CHIP	22	5%	1/16W	R5430	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5125	1-218-933-11	RES-CHIP	22	5%	1/16W	R5433	1-218-933-11	RES-CHIP	22	5%	1/16W
R5126	1-218-933-11	RES-CHIP	22	5%	1/16W	R5434	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5131	1-218-933-11	RES-CHIP	22	5%	1/16W	R5435	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5133	1-218-990-81	SHORT CHIP				R5436	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5134	1-218-937-11	RES-CHIP	47	5%	1/16W	R5437	1-218-933-11	RES-CHIP	22	5%	1/16W
R5155	1-218-933-11	RES-CHIP	22	5%	1/16W	R5438	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5181	1-218-937-11	RES-CHIP	47	5%	1/16W	R5444	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5182	1-218-937-11	RES-CHIP	47	5%	1/16W	R5445	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5183	1-218-933-11	RES-CHIP	22	5%	1/16W	R5446	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5191	1-218-990-81	SHORT CHIP				R5449	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5193	1-218-933-11	RES-CHIP	22	5%	1/16W	R5450	1-218-990-81	SHORT CHIP			
R5194	1-218-933-11	RES-CHIP	22	5%	1/16W	R5452	1-218-990-81	SHORT CHIP			
R5195	1-218-990-81	SHORT CHIP				R5453	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5196	1-218-990-81	SHORT CHIP				R5456	1-218-933-11	RES-CHIP	22	5%	1/16W
R5197	1-218-933-11	RES-CHIP	22	5%	1/16W	R5466	1-218-939-11	RES-CHIP	68	5%	1/16W
R5198	1-218-937-11	RES-CHIP	47	5%	1/16W	R5467	1-218-933-11	RES-CHIP	22	5%	1/16W
R5199	1-218-937-11	RES-CHIP	47	5%	1/16W	R5468	1-218-933-11	RES-CHIP	22	5%	1/16W
R5203	1-218-969-11	RES-CHIP	22K	5%	1/16W	R5471	1-218-933-11	RES-CHIP	22	5%	1/16W
R5204	1-218-953-11	RES-CHIP	1K	5%	1/16W	R5472	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5205	1-218-990-81	SHORT CHIP				R5473	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5207	1-218-990-81	SHORT CHIP				R5476	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5209	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	R5478	1-218-990-81	SHORT CHIP			
R5210	1-218-990-81	SHORT CHIP				R5479	1-218-990-81	SHORT CHIP			
R5216	1-218-990-81	SHORT CHIP				R5480	1-218-937-11	RES-CHIP	47	5%	1/16W
R5217	1-218-943-11	RES-CHIP	150	5%	1/16W	R5481	1-218-937-11	RES-CHIP	47	5%	1/16W
R5218	1-218-990-81	SHORT CHIP				R5482	1-218-990-81	SHORT CHIP			
R5219	1-218-929-11	RES-CHIP	10	5%	1/16W	R5483	1-218-933-11	RES-CHIP	22	5%	1/16W
R5220	1-218-929-11	RES-CHIP	10	5%	1/16W	R5484	1-218-933-11	RES-CHIP	22	5%	1/16W
R5221	1-218-929-11	RES-CHIP	10	5%	1/16W	R5487	1-218-933-11	RES-CHIP	22	5%	1/16W
R5222	1-218-929-11	RES-CHIP	10	5%	1/16W	R5492	1-218-990-81	SHORT CHIP			
R5223	1-218-990-81	SHORT CHIP				R5494	1-218-965-11	RES-CHIP	10K	5%	1/16W

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R5495	1-218-965-11	RES-CHIP	10K	5%	1/16W	RB2111	1-234-375-21	RES, NETWORK 1K	(1005X4)		
R5498	1-218-965-11	RES-CHIP	10K	5%	1/16W	RB2114	1-234-376-11	RES, NETWORK 2.2K	(1005X4)		
R5501	1-218-937-11	RES-CHIP	47	5%	1/16W	RB2115	1-239-690-81	RESISTOR, NETWORK 2.2K			
R5506	1-218-990-81	SHORT CHIP				RB2117	1-234-944-21	RES, NETWORK 47	(1005X4)		
R5512	1-218-941-81	RES-CHIP	100	5%	1/16W	RB2120	1-234-795-21	RES, NETWORK 0X4	(2010)		
R5513	1-218-965-11	RES-CHIP	10K	5%	1/16W	RB2121	1-234-378-11	RES, NETWORK 10K	(1005X4)		
R5514	1-218-965-11	RES-CHIP	10K	5%	1/16W	RB2122	1-239-698-11	RESISTOR, NETWORK 10K			
R5516	1-218-990-81	SHORT CHIP				RB2123	1-234-945-21	RES, NETWORK 100	(1005X4)		
R5517	1-218-941-81	RES-CHIP	100	5%	1/16W	RB2300	1-234-711-21	RES, CHIP NETWORK 22X8	(3816)		
R5519	1-218-965-11	RES-CHIP	10K	5%	1/16W	RB2301	1-234-711-21	RES, CHIP NETWORK 22X8	(3816)		
R5524	1-218-937-11	RES-CHIP	47	5%	1/16W	RB2302	1-234-799-21	RES, CHIP NETWORK 10KX8	(3816)		
R5525	1-218-973-11	RES-CHIP	47K	5%	1/16W	RB2303	1-234-799-21	RES, CHIP NETWORK 10KX8	(3816)		
R5532	1-218-937-11	RES-CHIP	47	5%	1/16W	RB2304	1-234-799-21	RES, CHIP NETWORK 10KX8	(3816)		
R5537	1-218-939-11	RES-CHIP	68	5%	1/16W	RB2305	1-234-799-21	RES, CHIP NETWORK 10KX8	(3816)		
R5544	1-218-933-11	RES-CHIP	22	5%	1/16W	RB2307	1-234-945-21	RES, NETWORK 100	(1005X4)		
R5547	1-218-933-11	RES-CHIP	22	5%	1/16W	RB2308	1-234-945-21	RES, NETWORK 100	(1005X4)		
R5548	1-218-933-11	RES-CHIP	22	5%	1/16W	RB2309	1-234-945-21	RES, NETWORK 100	(1005X4)		
R5550	1-218-965-11	RES-CHIP	10K	5%	1/16W	RB2310	1-234-945-21	RES, NETWORK 100	(1005X4)		
R5551	1-218-965-11	RES-CHIP	10K	5%	1/16W	RB2311	1-234-945-21	RES, NETWORK 100	(1005X4)		
R5553	1-218-933-11	RES-CHIP	22	5%	1/16W	RB2312	1-234-945-21	RES, NETWORK 100	(1005X4)		
R5556	1-218-933-11	RES-CHIP	22	5%	1/16W	RB2313	1-234-945-21	RES, NETWORK 100	(1005X4)		
R5561	1-218-933-11	RES-CHIP	22	5%	1/16W	RB2314	1-234-945-21	RES, NETWORK 100	(1005X4)		
R5567	1-218-933-11	RES-CHIP	22	5%	1/16W	RB2315	1-234-378-11	RES, NETWORK 10K	(1005X4)		
R5571	1-218-933-11	RES-CHIP	22	5%	1/16W	RB2316	1-234-378-11	RES, NETWORK 10K	(1005X4)		
R5575	1-218-973-11	RES-CHIP	47K	5%	1/16W	RB2317	1-234-378-11	RES, NETWORK 10K	(1005X4)		
R5580	1-218-939-11	RES-CHIP	68	5%	1/16W	RB2318	1-234-378-11	RES, NETWORK 10K	(1005X4)		
R5581	1-218-939-11	RES-CHIP	68	5%	1/16W	RB2500	1-234-943-21	RES, NETWORK 22	(1005X4)		
R5582	1-218-939-11	RES-CHIP	68	5%	1/16W	RB2501	1-234-943-21	RES, NETWORK 22	(1005X4)		
R5583	1-218-939-11	RES-CHIP	68	5%	1/16W	RB2502	1-234-943-21	RES, NETWORK 22	(1005X4)		
R5588	1-218-977-11	RES-CHIP	100K	5%	1/16W	RB2503	1-234-943-21	RES, NETWORK 22	(1005X4)		
R5589	1-218-965-11	RES-CHIP	10K	5%	1/16W	RB2504	1-234-943-21	RES, NETWORK 22	(1005X4)		
R5590	1-218-977-11	RES-CHIP	100K	5%	1/16W	RB2700	1-234-799-21	RES, CHIP NETWORK 10KX8	(3816)		
R5600	1-216-864-11	SHORT CHIP				RB2701	1-234-378-11	RES, NETWORK 10K	(1005X4)		
R5601	1-216-864-11	SHORT CHIP				RB2702	1-234-799-21	RES, CHIP NETWORK 10KX8	(3816)		
R5602	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	RB2703	1-234-799-21	RES, CHIP NETWORK 10KX8	(3816)		
R5603	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	RB2705	1-234-381-21	RES, NETWORK 100K	(1005X4)		
R5618	1-218-965-11	RES-CHIP	10K	5%	1/16W	RB2706	1-234-883-21	RES, CHIP NETWORK 100KX8	(3816)		
R5619	1-218-965-11	RES-CHIP	10K	5%	1/16W	RB2707	1-234-883-21	RES, CHIP NETWORK 100KX8	(3816)		
R5620	1-218-965-11	RES-CHIP	10K	5%	1/16W	RB2708	1-234-710-21	RES, CHIP NETWORK 47X8	(3816)		
<b>RESISTOR BRIDGE</b>						RB2709	1-234-710-21	RES, CHIP NETWORK 47X8	(3816)		
RB2102	1-234-944-21	RES, NETWORK 47	(1005X4)			RB2712	1-245-943-21	RES, CHIP NETWORK 68X8	(3816)		
RB2104	1-234-378-11	RES, NETWORK 10K	(1005X4)			RB2713	1-245-943-21	RES, CHIP NETWORK 68X8	(3816)		
RB2107	1-234-378-11	RES, NETWORK 10K	(1005X4)			RB2714	1-245-943-21	RES, CHIP NETWORK 68X8	(3816)		
RB2108	1-234-799-21	RES, CHIP NETWORK 10KX8	(3816)			RB2715	1-245-943-21	RES, CHIP NETWORK 68X8	(3816)		
RB2109	1-234-378-11	RES, NETWORK 10K	(1005X4)								

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REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
RB2717	1-234-944-21	RES, NETWORK 47	(1005X4)	RB4515	1-234-380-21	RES, NETWORK 47K	(1005X4)
RB2718	1-234-799-21	RES, CHIP NETWORK 10KX8	(3816)	RB4516	1-234-380-21	RES, NETWORK 47K	(1005X4)
RB2720	1-234-944-21	RES, NETWORK 47	(1005X4)	RB4517	1-234-795-21	RES, NETWORK 0X4	(2010)
RB2723	1-234-381-21	RES, NETWORK 100K	(1005X4)	RB4596	1-234-795-21	RES, NETWORK 0X4	(2010)
RB2724	1-239-710-11	RESISTOR, NETWORK 100K		RB4597	1-234-887-21	RES, CHIP NETWORK 0X8	(3816)
RB2727	1-239-670-81	RESISTOR, NETWORK 47		RB4598	1-234-795-21	RES, NETWORK 0X4	(2010)
RB2728	1-234-944-21	RES, NETWORK 47	(1005X4)	RB4599	1-234-887-21	RES, CHIP NETWORK 0X8	(3816)
RB2729	1-234-702-11	RES, NETWORK 68	(1005X4)	RB4603	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2730	1-239-670-81	RESISTOR, NETWORK 47		RB4604	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2732	1-239-670-81	RESISTOR, NETWORK 47		RB4605	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2735	1-234-381-21	RES, NETWORK 100K	(1005X4)	RB4608	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2736	1-234-943-21	RES, NETWORK 22	(1005X4)	RB4609	1-234-795-21	RES, NETWORK 0X4	(2010)
RB2737	1-234-381-21	RES, NETWORK 100K	(1005X4)	RB4611	1-234-711-21	RES, CHIP NETWORK 22X8	(3816)
RB2902	1-234-710-21	RES, CHIP NETWORK 47X8	(3816)	RB4612	1-234-711-21	RES, CHIP NETWORK 22X8	(3816)
RB2903	1-234-710-21	RES, CHIP NETWORK 47X8	(3816)	RB4613	1-234-711-21	RES, CHIP NETWORK 22X8	(3816)
RB2904	1-234-710-21	RES, CHIP NETWORK 47X8	(3816)	RB4614	1-246-204-21	RES, CHIP NETWORK 600X8	(3816)
RB2905	1-234-710-21	RES, CHIP NETWORK 47X8	(3816)	RB4615	1-246-204-21	RES, CHIP NETWORK 600X8	(3816)
RB2906	1-234-710-21	RES, CHIP NETWORK 47X8	(3816)	RB4616	1-246-204-21	RES, CHIP NETWORK 600X8	(3816)
RB2907	1-234-944-21	RES, NETWORK 47	(1005X4)	RB4617	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2908	1-234-377-21	RES, NETWORK 4.7K	(1005X4)	RB4618	1-234-378-11	RES, NETWORK 10K	(1005X4)
RB2911	1-234-710-21	RES, CHIP NETWORK 47X8	(3816)	RB4619	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2912	1-234-710-21	RES, CHIP NETWORK 47X8	(3816)	RB5115	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2913	1-234-710-21	RES, CHIP NETWORK 47X8	(3816)	RB5127	1-234-799-21	RES, CHIP NETWORK 10KX8	(3816)
RB2914	1-234-710-21	RES, CHIP NETWORK 47X8	(3816)	RB5128	1-234-378-11	RES, NETWORK 10K	(1005X4)
RB2915	1-234-710-21	RES, CHIP NETWORK 47X8	(3816)	RB5200	1-234-369-21	RES, NETWORK 10	(1005X4)
RB2916	1-234-799-21	RES, CHIP NETWORK 10KX8	(3816)	RB5201	1-234-369-21	RES, NETWORK 10	(1005X4)
RB2917	1-234-943-21	RES, NETWORK 22	(1005X4)	RB5202	1-234-369-21	RES, NETWORK 10	(1005X4)
RB2918	1-234-880-21	RES, CHIP NETWORK 4.7KX8	(3816)	RB5203	1-234-369-21	RES, NETWORK 10	(1005X4)
RB2919	1-234-799-21	RES, CHIP NETWORK 10KX8	(3816)	RB5204	1-234-369-21	RES, NETWORK 10	(1005X4)
RB2920	1-234-799-21	RES, CHIP NETWORK 10KX8	(3816)	RB5400	1-234-702-11	RES, NETWORK 68	(1005X4)
RB2922	1-234-944-21	RES, NETWORK 47	(1005X4)	RB5409	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2923	1-234-943-21	RES, NETWORK 22	(1005X4)	RB5416	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2924	1-234-378-11	RES, NETWORK 10K	(1005X4)	RB5417	1-234-378-11	RES, NETWORK 10K	(1005X4)
RB3300	1-234-378-11	RES, NETWORK 10K	(1005X4)	RB5418	1-234-943-21	RES, NETWORK 22	(1005X4)
RB3301	1-234-378-11	RES, NETWORK 10K	(1005X4)	RB5419	1-234-378-11	RES, NETWORK 10K	(1005X4)
RB3302	1-239-698-11	RESISTOR, NETWORK 10K		RB5420	1-234-944-21	RES, NETWORK 47	(1005X4)
RB4300	1-234-945-21	RES, NETWORK 100	(1005X4)	RB5421	1-234-710-21	RES, CHIP NETWORK 47X8	(3816)
RB4301	1-234-945-21	RES, NETWORK 100	(1005X4)	RB5427	1-234-943-21	RES, NETWORK 22	(1005X4)
RB4302	1-234-795-21	RES, NETWORK 0X4	(2010)	RB5432	1-234-378-11	RES, NETWORK 10K	(1005X4)
RB4303	1-234-795-21	RES, NETWORK 0X4	(2010)	RB5433	1-234-378-11	RES, NETWORK 10K	(1005X4)
RB4503	1-234-892-21	RES, CHIP NETWORK 33X8	(3816)	RB5434	1-245-943-21	RES, CHIP NETWORK 68X8	(3816)
RB4505	1-234-892-21	RES, CHIP NETWORK 33X8	(3816)	RB5435	1-245-943-21	RES, CHIP NETWORK 68X8	(3816)
RB4507	1-234-892-21	RES, CHIP NETWORK 33X8	(3816)	RB5436	1-234-711-21	RES, CHIP NETWORK 22X8	(3816)
RB4512	1-234-892-21	RES, CHIP NETWORK 33X8	(3816)	RB5437	1-234-711-21	RES, CHIP NETWORK 22X8	(3816)
RB4514	1-234-892-21	RES, CHIP NETWORK 33X8	(3816)	RB5438	1-234-943-21	RES, NETWORK 22	(1005X4)



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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C6205	1-107-910-11	ELECT	100 $\mu$ F	20%	50V	<b>DIODE</b>					
C6206	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V	D6000	8-719-054-89	DIODE	D15XB60		
C6209	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V	D6100	8-719-081-67	DIODE	M1FM3		
C6250	1-128-949-31	ELECT	470 $\mu$ F	20%	16V	D6101	6-500-137-01	DIODE	BAT54HT1		
C6251	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	D6102	6-501-774-01	DIODE	MAZ8150G0LS0		
C6302	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V	D6104	8-719-979-64	DIODE	UF4005/23		
C6303	1-165-908-11	CERAMIC CHIP	1 $\mu$ F	10%	10V	D6105	8-719-081-67	DIODE	M1FM3		
C6304	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V	D6150	6-501-545-01	DIODE	SG10SC6-F5		
C6305	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V	D6151	6-501-545-01	DIODE	SG10SC6-F5		
C6306	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V	D6153	6-501-545-01	DIODE	SG10SC6-F5		
C6307	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V	D6201	8-719-058-74	DIODE	05NU42-TPA2		
C6310	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V	D6202	6-501-817-01	DIODE	MA2J1110GLS0		
C6402	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V	D6203	6-500-567-31	DIODE	10ERB20-TB3		
C6405	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	D6204	6-500-567-31	DIODE	10ERB20-TB3		
C6407	1-107-877-11	ELECT	1000 $\mu$ F	20%	10V	D6250	6-501-526-01	DIODE	D1NS6-TR2		
C6408	1-165-908-11	CERAMIC CHIP	1 $\mu$ F	10%	10V	D6305	6-501-817-01	DIODE	MA2J1110GLS0		
C6410	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	D6306	6-501-817-01	DIODE	MA2J1110GLS0		
$\triangle$ C6500	1-112-744-61	MYLAR	1 $\mu$ F	10%	450V	D6307	6-501-817-01	DIODE	MA2J1110GLS0		
$\triangle$ C6501	1-112-188-11	MYLAR	1.5 $\mu$ F	5%	450V	D6308	6-501-818-01	DIODE	MA2J1130GLS0		
$\triangle$ C6503	1-112-188-11	MYLAR	1.5 $\mu$ F	5%	450V	D6400	6-501-774-01	DIODE	MAZ8150G0LS0		
C6505	1-162-968-11	CERAMIC CHIP	0.0047 $\mu$ F	10%	50V	D6401	6-500-335-01	DIODE	MC2838-T112-1		
C6506	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V	D6402	6-501-817-01	DIODE	MA2J1110GLS0		
C6507	1-162-966-11	CERAMIC CHIP	0.0022 $\mu$ F	10%	50V	D6405	6-500-335-01	DIODE	MC2838-T112-1		
C6508	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V	D6406	6-501-758-01	DIODE	MAZ8100G0LS0		
C6510	1-107-902-11	ELECT	1 $\mu$ F	20%	50V	D6500	6-500-335-01	DIODE	MC2838-T112-1		
C6511	1-164-315-11	CERAMIC CHIP	470pF	5%	50V	D6502	6-500-137-01	DIODE	BAT54HT1		
C6512	1-162-959-11	CERAMIC CHIP	330pF	5%	50V	D6503	6-501-817-01	DIODE	MA2J1110GLS0		
C6517	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V	* D6506	8-719-055-38	DIODE	SF5L60		
C6518	1-107-906-11	ELECT	10 $\mu$ F	20%	50V	D6509	6-500-108-01	DIODE	EP05FA20		
C6521	1-107-906-11	ELECT	10 $\mu$ F	20%	50V	D6512	6-501-817-01	DIODE	MA2J1110GLS0		
C6522	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V	<b>EARTH TERMINAL</b>					
<b>CONNECTOR</b>						ET6000	1-537-770-21	TERMINAL BOARD, GROUND			
$\triangle$ * CN6000	1-793-660-11	PIN, CONNECTOR (PC BOARD)	3P			ET6001	1-537-770-21	TERMINAL BOARD, GROUND			
* CN6150	1-793-235-11	PIN, CONNECTOR (PC BOARD)	13P			ET6002	1-537-770-21	TERMINAL BOARD, GROUND			
* CN6151	1-785-703-21	PIN, CONNECTOR (PC BOARD)	6P			ET6003	1-537-770-21	TERMINAL BOARD, GROUND			
* CN6152	1-778-853-11	PIN, CONNECTOR (PC BOARD)	8P			<b>FUSE</b>					
* CN6154	1-785-708-11	PIN, CONNECTOR (PC BOARD)	12P			$\triangle$ F6000	1-576-233-51	FUSE	6.3A	250V	
$\triangle$ * CN6501	1-793-660-11	PIN, CONNECTOR (PC BOARD)	3P			<b>FERRITE BEAD</b>					
$\triangle$ * CN6502	1-793-660-11	PIN, CONNECTOR (PC BOARD)	3P			FB6001	1-410-396-41	FERRITE	0.45 $\mu$ H		
						FB6002	1-410-396-41	FERRITE	0.45 $\mu$ H		
						FB6100	1-412-911-11	FERRITE	0 $\mu$ H		
						FB6101	1-412-911-11	FERRITE	0 $\mu$ H		
						FB6150	1-412-911-11	FERRITE	0 $\mu$ H		

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REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES	
FB6151	1-412-911-11	FERRITE	0 $\mu$ H					
FB6152	1-412-911-11	FERRITE	0 $\mu$ H					
FB6153	1-412-911-11	FERRITE	0 $\mu$ H					
FB6501	1-412-911-11	FERRITE	0 $\mu$ H					
FB6502	1-412-911-11	FERRITE	0 $\mu$ H					
<b>FUSE HOLDER</b>				<b>COIL</b>				
$\triangle$ FH6000	1-533-223-11	FUSE HOLDER	0A	0V	L6150	1-406-659-11	INDUCTOR	10 $\mu$ H
$\triangle$ FH6001	1-533-223-11	FUSE HOLDER	0A	0V	L6152	1-406-657-11	INDUCTOR	4.7 $\mu$ H
<b>IC</b>				<b>PHOTO COUPLER</b>				
IC6100	6-707-749-01	IC	CXD9841P		$\triangle$ PH6100	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF
IC6150	6-709-368-01	IC	MM1431ATT	(CN)	$\triangle$ PH6200	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF
IC6200	6-708-801-01	IC	MIP2H2		$\triangle$ PH6300	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF
IC6250	6-709-368-01	IC	MM1431ATT	(CN)	$\triangle$ PH6301	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF
IC6300	6-709-368-01	IC	MM1431ATT	(CN)	$\triangle$ PH6302	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF
IC6301	6-709-368-01	IC	MM1431ATT	(CN)	$\triangle$ PH6303	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF
IC6500	6-709-791-01	IC	L6562N		<b>TRANSISTOR</b>			
<b>CHIP CONDUCTOR</b>				Q6100	6-551-302-01	TRANSISTOR	2SK3561(LBS1SONY,Q	
JR6001	1-216-295-91	SHORT CHIP		Q6101	6-551-302-01	TRANSISTOR	2SK3561(LBS1SONY,Q	
JR6002	1-216-295-91	SHORT CHIP		Q6301	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	
JR6003	1-216-296-11	SHORT CHIP		Q6303	8-729-804-41	TRANSISTOR	2SB1122-S	
JR6004	1-216-296-11	SHORT CHIP		Q6304	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	
JR6005	1-216-296-11	SHORT CHIP		Q6307	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	
JR6006	1-216-296-11	SHORT CHIP		Q6402	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	
JR6007	1-216-295-91	SHORT CHIP		Q6403	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	
JR6008	1-216-295-91	SHORT CHIP		Q6404	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	
JR6009	1-216-296-11	SHORT CHIP		Q6405	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	
JR6010	1-216-296-11	SHORT CHIP		Q6406	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	
JR6011	1-216-295-91	SHORT CHIP		Q6407	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	
JR6012	1-216-296-11	SHORT CHIP		Q6408	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	
JR6013	1-216-296-11	SHORT CHIP		Q6500	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	
JR6014	1-216-864-11	SHORT CHIP		Q6501	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	
JR6015	1-216-864-11	SHORT CHIP		Q6502	6-551-336-01	TRANSISTOR	2SK3934(LBS1SONY,Q	
JR6018	1-216-296-11	SHORT CHIP		Q6503	6-551-336-01	TRANSISTOR	2SK3934(LBS1SONY,Q	
JR6019	1-216-296-11	SHORT CHIP		Q6505	8-729-804-41	TRANSISTOR	2SB1122-S	
JR6021	1-216-296-11	SHORT CHIP		Q6506	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	
JR6022	1-216-296-11	SHORT CHIP		<b>RESISTOR</b>				
JR6023	1-216-295-91	SHORT CHIP		R6009	1-240-251-92	METAL	6.8 5% 10W	
JR6024	1-216-296-11	SHORT CHIP		R6014	1-216-857-11	METAL CHIP	1M 5% 1/10W	
JR6026	1-216-864-11	SHORT CHIP		R6015	1-216-857-11	METAL CHIP	1M 5% 1/10W	
JR6028	1-216-864-11	SHORT CHIP		R6100	1-218-885-11	METAL CHIP	39K 0.50% 1/10W	
				R6102	1-218-863-11	METAL CHIP	4.7K 0.50% 1/10W	
				R6103	1-218-823-11	METAL CHIP	100 0.50% 1/10W	
				R6104	1-218-877-11	METAL CHIP	18K 0.50% 1/10W	
				R6106	1-208-854-11	METAL CHIP	1M 0.50% 1/10W	
				R6107	1-208-854-11	METAL CHIP	1M 0.50% 1/10W	
				R6108	1-208-854-11	METAL CHIP	1M 0.50% 1/10W	

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6109	1-208-854-11	METAL CHIP	1M	0.50%	1/10W	R6319	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6110	1-202-933-61	FUSIBLE	0.1	10%	1/2W	R6320	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6111	1-218-760-11	METAL CHIP	220K	0.50%	1/10W	R6321	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6112	1-218-877-11	METAL CHIP	18K	0.50%	1/10W	R6323	1-243-596-71	METAL OXIDE	47K	5%	2W
R6115	1-218-823-11	METAL CHIP	100	0.50%	1/10W	R6324	1-216-839-11	METAL CHIP	33K	5%	1/10W
R6116	1-216-009-91	RES-CHIP	22	5%	1/10W	R6328	1-216-864-11	SHORT CHIP			
R6117	1-216-009-91	RES-CHIP	22	5%	1/10W	R6332	1-249-385-11	CARBON	2.2	5%	1/4W
R6118	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6402	1-216-864-11	SHORT CHIP			
R6119	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6404	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6121	1-243-949-71	METAL OXIDE	0.47	5%	2W	R6405	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6122	1-216-857-11	METAL CHIP	1M	5%	1/10W	R6406	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6123	1-218-847-11	METAL CHIP	1K	0.50%	1/10W	R6407	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6126	1-243-949-71	METAL OXIDE	0.47	5%	2W	R6408	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6150	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6410	1-216-864-11	SHORT CHIP			
R6151	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6411	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6152	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6412	1-216-864-11	SHORT CHIP			
R6153	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W	R6413	1-216-839-11	METAL CHIP	33K	5%	1/10W
R6154	1-218-873-11	METAL CHIP	12K	0.50%	1/10W	R6414	1-216-817-11	METAL CHIP	470	5%	1/10W
R6156	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W	R6415	1-216-839-11	METAL CHIP	33K	5%	1/10W
R6157	1-216-841-11	METAL CHIP	47K	5%	1/10W	R6416	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6164	1-216-841-11	METAL CHIP	47K	5%	1/10W	R6418	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6165	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R6419	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6200	1-212-958-00	FUSIBLE	10	5%	1/2W	R6420	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6201	1-218-865-11	METAL CHIP	5.6K	0.50%	1/10W	R6428	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6202	1-243-725-71	METAL OXIDE	100K	5%	1W	R6429	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6203	1-249-385-11	CARBON	2.2	5%	1/4W	R6430	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6250	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6433	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6251	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R6434	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6252	1-216-805-11	METAL CHIP	47	5%	1/10W	R6436	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6254	1-218-871-11	METAL CHIP	10K	0.50%	1/10W	R6437	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6255	1-218-871-11	METAL CHIP	10K	0.50%	1/10W	R6438	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6302	1-218-903-11	METAL CHIP	220K	0.50%	1/10W	R6439	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6303	1-218-885-11	METAL CHIP	39K	0.50%	1/10W	R6440	1-216-839-11	METAL CHIP	33K	5%	1/10W
R6304	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W	R6441	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6305	1-216-845-11	METAL CHIP	100K	5%	1/10W	R6442	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6307	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	$\triangle$ R6500	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
R6308	1-216-849-11	METAL CHIP	220K	5%	1/10W	$\triangle$ R6501	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
R6309	1-218-865-11	METAL CHIP	5.6K	0.50%	1/10W	$\triangle$ R6502	1-208-830-11	METAL CHIP	100K	0.50%	1/10W
R6310	1-216-833-11	METAL CHIP	10K	5%	1/10W	$\triangle$ R6503	1-208-830-11	METAL CHIP	100K	0.50%	1/10W
R6311	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	$\triangle$ R6504	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
R6312	1-216-841-11	METAL CHIP	47K	5%	1/10W	$\triangle$ R6505	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
R6315	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6506	1-208-830-11	METAL CHIP	100K	0.50%	1/10W
R6317	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R6508	1-216-864-11	SHORT CHIP			
R6318	1-216-864-11	SHORT CHIP				R6510	1-216-841-11	METAL CHIP	47K	5%	1/10W
						R6511	1-216-817-11	METAL CHIP	470	5%	1/10W

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# GF1

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES			
R6512	1-215-882-00	METAL OXIDE	22	5%	2W	<b>GF1</b>	<b>A-1361-280-A GF1 BOARD, COMPLETE</b> (Use this P/N for all destinations, including US after consumption of A-1256-154-B) 2-580-592-01 SCREW, +PSW M3X8					
R6514	1-216-845-11	METAL CHIP	100K	5%	1/10W		<b>CAPACITOR</b>					
R6515	1-216-817-11	METAL CHIP	470	5%	1/10W		$\triangle$ C6006	1-114-153-51	CERAMIC	680pF	10%	250V
R6516	1-216-833-11	METAL CHIP	10K	5%	1/10W		$\triangle$ C6007	1-119-892-51	CERAMIC	470pF	10%	250V
R6517	1-216-823-11	METAL CHIP	1.5K	5%	1/10W		$\triangle$ C6010	1-114-153-51	CERAMIC	680pF	10%	250V
R6518	1-216-841-11	METAL CHIP	47K	5%	1/10W		$\triangle$ C6011	1-119-892-51	CERAMIC	470pF	10%	250V
R6520	1-216-833-11	METAL CHIP	10K	5%	1/10W		$\triangle$ C6012	1-165-533-11	MYLAR	0.68 $\mu$ F	10%	275V
R6521	1-216-833-11	METAL CHIP	10K	5%	1/10W		C6014	1-161-964-91	CERAMIC	0.0047 $\mu$ F		250V
R6522	1-216-797-11	METAL CHIP	10	5%	1/10W		C6015	1-161-964-91	CERAMIC	0.0047 $\mu$ F		250V
R6523	1-216-797-11	METAL CHIP	10	5%	1/10W		C6016	1-135-361-11	ELECT(BLOCK)	180 $\mu$ F	20%	450V
R6524	1-243-550-71	METAL OXIDE	6.8	5%	2W		C6017	1-135-361-11	ELECT(BLOCK)	180 $\mu$ F	20%	450V
R6525	1-249-417-11	CARBON	1K	5%	1/4W		C6019	1-163-021-91	CERAMIC CHIP	0.01 $\mu$ F	10%	50V
R6526	1-249-401-11	CARBON	47	5%	1/4W		C6020	1-163-021-91	CERAMIC CHIP	0.01 $\mu$ F	10%	50V
R6527	1-249-401-11	CARBON	47	5%	1/4W		C6024	1-119-887-51	CERAMIC	1000pF	20%	250V
R6530	1-208-840-11	METAL CHIP	270K	0.50%	1/10W		C6100	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
R6531	1-218-760-11	METAL CHIP	220K	0.50%	1/10W		C6101	1-100-831-91	CERAMIC CHIP	0.001 $\mu$ F	2%	50V
R6532	1-218-760-11	METAL CHIP	220K	0.50%	1/10W		C6102	1-107-906-11	ELECT	10 $\mu$ F	20%	50V
R6533	1-218-760-11	METAL CHIP	220K	0.50%	1/10W	C6103	1-107-905-11	ELECT	4.7 $\mu$ F	20%	50V	
R6534	1-208-834-11	METAL CHIP	150K	0.50%	1/10W	C6104	1-107-910-11	ELECT	100 $\mu$ F	20%	50V	
R6535	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W	C6106	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V	
R6536	1-218-823-11	METAL CHIP	100	0.50%	1/10W	C6107	1-107-888-11	ELECT	47 $\mu$ F	20%	25V	
R6538	1-216-837-11	METAL CHIP	22K	5%	1/10W	C6108	1-115-340-11	CERAMIC CHIP	0.22 $\mu$ F	10%	25V	
R6539	1-216-851-11	METAL CHIP	330K	5%	1/10W	C6111	1-100-731-11	FILM	22000pF	3%	1KV	
R6540	1-216-849-11	METAL CHIP	220K	5%	1/10W	C6112	1-163-021-91	CERAMIC CHIP	0.01 $\mu$ F	10%	50V	
R6541	1-216-809-11	METAL CHIP	100	5%	1/10W	C6150	1-104-760-11	CERAMIC CHIP	0.047 $\mu$ F	10%	50V	
R6542	1-208-846-11	METAL CHIP	470K	0.50%	1/10W	C6152	1-112-229-21	ELECT	1500 $\mu$ F	20%	16V	
R6543	1-208-840-11	METAL CHIP	270K	0.50%	1/10W	C6153	1-112-229-21	ELECT	1500 $\mu$ F	20%	16V	
R6544	1-208-840-11	METAL CHIP	270K	0.50%	1/10W	C6155	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V	
R6545	1-218-861-11	METAL CHIP	3.9K	0.50%	1/10W	C6160	1-112-231-21	ELECT	2200 $\mu$ F	20%	16V	
R6546	1-218-877-11	METAL CHIP	18K	0.50%	1/10W	C6162	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V	
R6571	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	C6165	1-112-835-11	ELECT	3300 $\mu$ F	20%	25V	
						C6167	1-115-339-11	CERAMIC CHIP	0.1 $\mu$ F	10%	50V	
<b>RELAY</b>						C6200	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	
$\triangle$ RY6000	1-755-516-11	RELAY (AC POWER)				C6201	1-162-927-11	CERAMIC CHIP	100pF	5%	50V	
<b>TRANSFORMER</b>						C6202	1-107-902-11	ELECT	1 $\mu$ F	20%	50V	
$\triangle$ T6100	1-445-275-11	CONVERTER TRANSFORMER (PIT)				C6203	1-100-139-31	FILM	0.001 $\mu$ F	5%	630V	
$\triangle$ T6200	1-445-279-11	CONVERTER TRANSFORMER (SBT)				C6204	1-107-903-11	ELECT	2.2 $\mu$ F	20%	50V	
<b>THERMISTOR</b>												
TH6301	1-809-789-71	THERMISTOR, POSITIVE										
<b>VARISTOR</b>												
$\triangle$ VD6000	1-804-996-21	VARISTOR										
$\triangle$ VD6001	1-804-996-21	VARISTOR										



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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C6205	1-107-910-11	ELECT	100 $\mu$ F	20%	50V	<b>DIODE</b>					
C6206	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V	D6000	8-719-054-89	DIODE	D15XB60		
C6209	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V	D6100	8-719-081-67	DIODE	M1FM3		
C6250	1-128-949-31	ELECT	470 $\mu$ F	20%	16V	D6101	6-500-137-01	DIODE	BAT54HT1		
C6251	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	D6102	6-501-774-01	DIODE	MAZ8150G0LS0		
C6302	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V	D6104	8-719-979-64	DIODE	UF4005/23		
C6303	1-165-908-11	CERAMIC CHIP	1 $\mu$ F	10%	10V	D6105	8-719-081-67	DIODE	M1FM3		
C6304	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V	D6150	6-501-545-01	DIODE	SG10SC6-F5		
C6305	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V	D6151	6-501-545-01	DIODE	SG10SC6-F5		
C6306	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V	D6153	6-501-545-01	DIODE	SG10SC6-F5		
C6307	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V	D6201	8-719-058-74	DIODE	05NU42-TPA2		
C6310	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V	D6202	6-501-817-01	DIODE	MA2J1110GLS0		
C6402	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V	D6203	6-500-567-31	DIODE	10ERB20-TB3		
C6405	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	D6204	6-500-567-31	DIODE	10ERB20-TB3		
C6407	1-107-877-11	ELECT	1000 $\mu$ F	20%	10V	D6250	6-501-526-01	DIODE	D1NS6-TR2		
C6408	1-165-908-11	CERAMIC CHIP	1 $\mu$ F	10%	10V	D6305	6-501-817-01	DIODE	MA2J1110GLS0		
C6410	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	D6306	6-501-817-01	DIODE	MA2J1110GLS0		
$\triangle$ C6500	1-112-744-61	MYLAR	1 $\mu$ F	10%	450V	D6307	6-501-817-01	DIODE	MA2J1110GLS0		
$\triangle$ C6501	1-112-188-11	MYLAR	1.5 $\mu$ F	5%	450V	D6308	6-501-818-01	DIODE	MA2J1130GLS0		
$\triangle$ C6503	1-112-188-11	MYLAR	1.5 $\mu$ F	5%	450V	D6400	6-501-774-01	DIODE	MAZ8150G0LS0		
C6505	1-162-968-11	CERAMIC CHIP	0.0047 $\mu$ F	10%	50V	D6401	6-500-335-01	DIODE	MC2838-T112-1		
C6506	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V	D6402	6-501-817-01	DIODE	MA2J1110GLS0		
C6507	1-162-966-11	CERAMIC CHIP	0.0022 $\mu$ F	10%	50V	D6405	6-500-335-01	DIODE	MC2838-T112-1		
C6508	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V	D6406	6-501-758-01	DIODE	MAZ8100G0LS0		
C6510	1-107-902-11	ELECT	1 $\mu$ F	20%	50V	D6500	6-500-335-01	DIODE	MC2838-T112-1		
C6511	1-164-315-11	CERAMIC CHIP	470pF	5%	50V	D6502	6-500-137-01	DIODE	BAT54HT1		
C6512	1-162-959-11	CERAMIC CHIP	330pF	5%	50V	D6503	6-501-817-01	DIODE	MA2J1110GLS0		
C6517	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V	D6506	8-719-055-38	DIODE	SF5L60		
C6518	1-107-906-11	ELECT	10 $\mu$ F	20%	50V	D6507	6-501-818-01	DIODE	MA2J1130GLS0		
C6521	1-107-906-11	ELECT	10 $\mu$ F	20%	50V	D6508	6-501-818-01	DIODE	MA2J1130GLS0		
C6522	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V	D6509	6-500-108-01	DIODE	EP05FA20		
<b>CONNECTOR</b>						D6512	6-501-817-01	DIODE	MA2J1110GLS0		
$\triangle$ * CN6000	1-793-660-11	PIN, CONNECTOR (PC BOARD)				<b>GROUND TERMINAL BOARD</b>					
* CN6150	1-793-235-11	PIN, CONNECTOR (PC BOARD)				ET6000	1-537-770-21	TERMINAL BOARD, GROUND			
* CN6151	1-785-703-21	PIN, CONNECTOR (PC BOARD)				ET6001	1-537-770-21	TERMINAL BOARD, GROUND			
* CN6152	1-778-853-11	PIN, CONNECTOR (PC BOARD)				ET6002	1-537-770-21	TERMINAL BOARD, GROUND			
* CN6154	1-785-708-11	PIN, CONNECTOR (PC BOARD)				ET6003	1-537-770-21	TERMINAL BOARD, GROUND			
$\triangle$ * CN6501	1-793-660-11	PIN, CONNECTOR (PC BOARD)				<b>FUSE</b>					
$\triangle$ * CN6502	1-793-660-11	PIN, CONNECTOR (PC BOARD)				$\triangle$ F6000	1-576-233-51	FUSE	6.3A	250V	

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REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES	
<b><u>FERRITE BEAD</u></b>				JR6022	1-216-296-11	SHORT CHIP		
FB6001	1-410-396-41	FERRITE	0.45 $\mu$ H	JR6023	1-216-295-91	SHORT CHIP		
FB6002	1-410-396-41	FERRITE	0.45 $\mu$ H	JR6024	1-216-296-11	SHORT CHIP		
FB6100	1-412-911-11	FERRITE	0 $\mu$ H	JR6026	1-216-864-11	SHORT CHIP		
FB6101	1-412-911-11	FERRITE	0 $\mu$ H	JR6028	1-216-864-11	SHORT CHIP		
FB6150	1-412-911-11	FERRITE	0 $\mu$ H	<b><u>COIL</u></b>				
FB6151	1-412-911-11	FERRITE	0 $\mu$ H	L6150	1-406-659-11	INDUCTOR	10 $\mu$ H	
FB6152	1-412-911-11	FERRITE	0 $\mu$ H	L6152	1-406-657-11	INDUCTOR	4.7 $\mu$ H	
FB6153	1-412-911-11	FERRITE	0 $\mu$ H	L6250	1-414-183-41	INDUCTOR	10 $\mu$ H	
FB6501	1-412-911-11	FERRITE	0 $\mu$ H	$\triangle$ L6500	1-457-277-11	INDUCTOR	260 $\mu$ H	
FB6502	1-412-911-11	FERRITE	0 $\mu$ H	$\triangle$ L6502	1-457-445-11	INDUCTOR	290 $\mu$ H	
<b><u>FUSE HOLDER</u></b>				<b><u>PHOTO COUPLER</u></b>				
$\triangle$ FH6000	1-533-223-11	FUSE HOLDER	0A	0V	$\triangle$ PH6100	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF
$\triangle$ FH6001	1-533-223-11	FUSE HOLDER	0A	0V	$\triangle$ PH6200	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF
<b><u>IC</u></b>				$\triangle$ PH6300	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF	
IC6100	6-707-749-01	IC	CXD9841P	$\triangle$ PH6301	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF	
IC6150	6-709-368-01	IC	MM1431ATT	(CN)	$\triangle$ PH6302	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF
IC6200	6-708-801-01	IC	MIP2H2	$\triangle$ PH6303	6-600-187-01	PHOTO COUPLER	PC123Y22JOOF	
IC6250	6-709-368-01	IC	MM1431ATT	(CN)	<b><u>TRANSISTOR</u></b>			
IC6300	6-709-368-01	IC	MM1431ATT	(CN)	Q6100	6-551-302-01	TRANSISTOR	2SK3561(LBS1SONY,Q
IC6301	6-709-368-01	IC	MM1431ATT	(CN)	Q6101	6-551-302-01	TRANSISTOR	2SK3561(LBS1SONY,Q
IC6500	6-709-791-01	IC	L6562N	Q6301	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	
<b><u>CHIP CONDUCTOR</u></b>				Q6303	8-729-804-41	TRANSISTOR	2SB1122-S	
JR6001	1-216-295-91	SHORT CHIP		Q6304	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	
JR6002	1-216-295-91	SHORT CHIP		Q6307	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	
JR6003	1-216-296-11	SHORT CHIP		Q6402	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	
JR6004	1-216-296-11	SHORT CHIP		Q6403	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	
JR6005	1-216-296-11	SHORT CHIP		Q6404	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	
JR6006	1-216-296-11	SHORT CHIP		Q6405	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	
JR6007	1-216-295-91	SHORT CHIP		Q6406	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	
JR6008	1-216-295-91	SHORT CHIP		Q6407	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	
JR6009	1-216-296-11	SHORT CHIP		Q6408	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	
JR6010	1-216-296-11	SHORT CHIP		Q6500	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	
JR6011	1-216-295-91	SHORT CHIP		Q6501	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	
JR6012	1-216-296-11	SHORT CHIP		Q6502	6-551-336-01	TRANSISTOR	2SK3934(LBS1SONY,Q	
JR6013	1-216-296-11	SHORT CHIP		Q6503	6-551-336-01	TRANSISTOR	2SK3934(LBS1SONY,Q	
JR6014	1-216-864-11	SHORT CHIP		Q6505	8-729-804-41	TRANSISTOR	2SB1122-S	
JR6015	1-216-864-11	SHORT CHIP		Q6506	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	
JR6018	1-216-296-11	SHORT CHIP		<b><u>RESISTOR</u></b>				
JR6019	1-216-296-11	SHORT CHIP		R6009	1-240-251-92	METAL	6.8 5% 10W	
JR6021	1-216-296-11	SHORT CHIP		R6014	1-216-857-11	METAL CHIP	1M 5% 1/10W	
				R6015	1-216-857-11	METAL CHIP	1M 5% 1/10W	

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6100	1-218-885-11	METAL CHIP	39K	0.50%	1/10W	R6309	1-218-865-11	METAL CHIP	5.6K	0.50%	1/10W
R6102	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W	R6310	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6103	1-218-823-11	METAL CHIP	100	0.50%	1/10W	R6311	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6104	1-218-877-11	METAL CHIP	18K	0.50%	1/10W	R6312	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6106	1-208-854-11	METAL CHIP	1M	0.50%	1/10W	R6315	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6107	1-208-854-11	METAL CHIP	1M	0.50%	1/10W	R6317	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6108	1-208-854-11	METAL CHIP	1M	0.50%	1/10W	R6318	1-216-864-11	SHORT CHIP			
R6109	1-208-854-11	METAL CHIP	1M	0.50%	1/10W	R6319	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6110	1-202-933-61	FUSIBLE	0.1	10%	1/2W	R6320	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6111	1-218-760-11	METAL CHIP	220K	0.50%	1/10W	R6321	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6112	1-218-877-11	METAL CHIP	18K	0.50%	1/10W	R6323	1-243-596-71	METAL OXIDE	47K	5%	2W
R6115	1-218-823-11	METAL CHIP	100	0.50%	1/10W	R6324	1-216-839-11	METAL CHIP	33K	5%	1/10W
R6116	1-216-009-91	RES-CHIP	22	5%	1/10W	R6328	1-216-864-11	SHORT CHIP			
R6117	1-216-009-91	RES-CHIP	22	5%	1/10W	R6332	1-249-385-11	CARBON	2.2	5%	1/4W
R6118	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6402	1-216-864-11	SHORT CHIP			
R6119	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6404	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6121	1-243-949-71	METAL OXIDE	0.47	5%	2W	R6405	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6122	1-216-857-11	METAL CHIP	1M	5%	1/10W	R6406	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6123	1-218-847-11	METAL CHIP	1K	0.50%	1/10W	R6407	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6126	1-243-949-71	METAL OXIDE	0.47	5%	2W	R6408	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6150	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6410	1-216-864-11	SHORT CHIP			
R6151	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6411	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6152	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6412	1-216-864-11	SHORT CHIP			
R6153	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W	R6413	1-216-839-11	METAL CHIP	33K	5%	1/10W
R6154	1-218-873-11	METAL CHIP	12K	0.50%	1/10W	R6414	1-216-817-11	METAL CHIP	470	5%	1/10W
R6156	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W	R6415	1-216-839-11	METAL CHIP	33K	5%	1/10W
R6157	1-216-841-11	METAL CHIP	47K	5%	1/10W	R6416	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6164	1-216-841-11	METAL CHIP	47K	5%	1/10W	R6418	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6165	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R6419	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6200	1-212-958-00	FUSIBLE	10	5%	1/2W	R6420	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6201	1-218-865-11	METAL CHIP	5.6K	0.50%	1/10W	R6428	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6202	1-243-725-71	METAL OXIDE	100K	5%	1W	R6429	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6203	1-249-385-11	CARBON	2.2	5%	1/4W	R6430	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6250	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6433	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6251	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R6434	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6252	1-216-805-11	METAL CHIP	47	5%	1/10W	R6436	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6254	1-218-871-11	METAL CHIP	10K	0.50%	1/10W	R6437	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6255	1-218-871-11	METAL CHIP	10K	0.50%	1/10W	R6438	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6302	1-218-903-11	METAL CHIP	220K	0.50%	1/10W	R6439	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6303	1-218-885-11	METAL CHIP	39K	0.50%	1/10W	R6440	1-216-839-11	METAL CHIP	33K	5%	1/10W
R6304	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W	R6441	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6305	1-216-845-11	METAL CHIP	100K	5%	1/10W	R6442	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6307	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	$\triangle$ R6500	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
R6308	1-216-849-11	METAL CHIP	220K	5%	1/10W	$\triangle$ R6501	1-218-760-11	METAL CHIP	220K	0.50%	1/10W

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**GF1 HV2**

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
$\triangle$ R6502	1-208-830-11	METAL CHIP	100K	0.50%	1/10W	<b>TRANSFORMER</b>					
$\triangle$ R6503	1-208-830-11	METAL CHIP	100K	0.50%	1/10W	$\triangle$ T6100	1-445-275-11	CONVERTER TRANSFORMER (PIT)			
$\triangle$ R6504	1-218-760-11	METAL CHIP	220K	0.50%	1/10W	$\triangle$ T6200	1-445-279-11	CONVERTER TRANSFORMER (SBT)			
$\triangle$ R6505	1-218-760-11	METAL CHIP	220K	0.50%	1/10W	<b>THERMISTOR</b>					
$\triangle$ R6506	1-208-830-11	METAL CHIP	100K	0.50%	1/10W	TH6301	1-809-789-71	THERMISTOR, POSITIVE			
R6510	1-216-841-11	METAL CHIP	47K	5%	1/10W	<b>VARISTOR</b>					
R6511	1-216-817-11	METAL CHIP	470	5%	1/10W	$\triangle$ VD6000	1-804-996-21	VARISTOR			
R6512	1-215-882-00	METAL OXIDE	22	5%	2W	$\triangle$ VD6001	1-804-996-21	VARISTOR			
R6514	1-216-845-11	METAL CHIP	100K	5%	1/10W	<b>HV2</b>					
R6515	1-216-817-11	METAL CHIP	470	5%	1/10W	*					
R6516	1-216-833-11	METAL CHIP	10K	5%	1/10W	<b>A-1256-640-A HV2 BOARD, MOUNTED</b>					
R6517	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	<b>CAPACITOR</b>					
R6518	1-216-841-11	METAL CHIP	47K	5%	1/10W	C7029	1-124-779-00	ELECT CHIP	10 $\mu$ F	20%	16V
R6520	1-216-833-11	METAL CHIP	10K	5%	1/10W	C7030	1-124-779-00	ELECT CHIP	10 $\mu$ F	20%	16V
R6521	1-216-833-11	METAL CHIP	10K	5%	1/10W	C7031	1-164-872-11	CERAMIC CHIP	82pF	5%	50V
R6522	1-216-797-11	METAL CHIP	10	5%	1/10W	C7034	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
R6523	1-216-797-11	METAL CHIP	10	5%	1/10W	C7036	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
R6524	1-243-550-71	METAL OXIDE	6.8	5%	2W	C7037	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
R6525	1-249-417-11	CARBON	1K	5%	1/4W	<b>CONNECTOR</b>					
R6526	1-249-401-11	CARBON	47	5%	1/4W	CN7022	1-820-581-11	HEADER ASSEMBLY FOR PWB			
R6527	1-249-401-11	CARBON	47	5%	1/4W	<b>IC</b>					
R6530	1-208-840-11	METAL CHIP	270K	0.50%	1/10W	D7021	6-500-254-01	DIODE	MM3Z7V5T1		
R6531	1-218-760-11	METAL CHIP	220K	0.50%	1/10W	<b>EARTH TERMINAL</b>					
R6532	1-218-760-11	METAL CHIP	220K	0.50%	1/10W	ET7020	1-780-482-11	EARTH TERMINAL			
R6533	1-218-760-11	METAL CHIP	220K	0.50%	1/10W	ET7021	1-780-482-11	EARTH TERMINAL			
R6534	1-208-834-11	METAL CHIP	150K	0.50%	1/10W	<b>FERRITE BEAD</b>					
R6535	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W	FB7020	1-400-333-21	FERRITE	0 $\mu$ H		
R6536	1-218-823-11	METAL CHIP	100	0.50%	1/10W	FB7021	1-400-333-21	FERRITE	0 $\mu$ H		
R6538	1-216-837-11	METAL CHIP	22K	5%	1/10W	FB7022	1-400-461-21	FERRITE	0 $\mu$ H		
R6539	1-216-851-11	METAL CHIP	330K	5%	1/10W	<b>JACK</b>					
R6540	1-216-849-11	METAL CHIP	220K	5%	1/10W	J7020	1-821-115-11	PHONO JACK (RIGHT ANGLE)			
R6541	1-216-809-11	METAL CHIP	100	5%	1/10W	J7021	1-815-325-11	JACK			
R6542	1-208-846-11	METAL CHIP	470K	0.50%	1/10W	<b>RESISTOR</b>					
R6543	1-208-840-11	METAL CHIP	270K	0.50%	1/10W	R7023	1-216-864-11	SHORT CHIP			
R6544	1-208-840-11	METAL CHIP	270K	0.50%	1/10W	R7025	1-216-864-11	SHORT CHIP			
R6545	1-218-861-11	METAL CHIP	3.9K	0.50%	1/10W	R7030	1-216-864-11	SHORT CHIP			
R6546	1-218-877-11	METAL CHIP	18K	0.50%	1/10W	<b>RELAY</b>					
R6547	1-216-864-11	SHORT CHIP				$\triangle$ RY6000	1-755-516-11	RELAY (AC POWER)			
R6571	1-216-829-11	METAL CHIP	4.7K	5%	1/10W						

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**HV2** **HW1** **HW3**

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R7032	1-216-813-11	METAL CHIP	220	5%	1/10W	<b>SWITCH</b>					
R7035	1-216-813-11	METAL CHIP	220	5%	1/10W	S7000	1-572-595-11	SWITCH, TACTILE (REFLOW TYPE)			
R7038	1-216-864-11	SHORT CHIP				S7001	1-572-595-11	SWITCH, TACTILE (REFLOW TYPE)			
R7039	1-216-864-11	SHORT CHIP				S7002	1-572-595-11	SWITCH, TACTILE (REFLOW TYPE)			
R7041	1-216-813-11	METAL CHIP	220	5%	1/10W	S7003	1-572-595-11	SWITCH, TACTILE (REFLOW TYPE)			
R7045	1-216-864-11	SHORT CHIP				S7004	1-572-595-11	SWITCH, TACTILE (REFLOW TYPE)			
R7046	1-216-857-11	METAL CHIP	1M	5%	1/10W	S7005	1-572-595-11	SWITCH, TACTILE (REFLOW TYPE)			
R7047	1-216-857-11	METAL CHIP	1M	5%	1/10W	S7006	1-572-595-11	SWITCH, TACTILE (REFLOW TYPE)			
R7049	1-216-801-11	METAL CHIP	22	5%	1/10W	<b>VARISTOR</b>					
R7053	1-216-809-11	METAL CHIP	100	5%	1/10W	VD7000	1-803-974-21	VARISTOR, CHIP	(1608)		
R7056	1-216-809-11	METAL CHIP	100	5%	1/10W	VD7001	1-803-974-21	VARISTOR, CHIP	(1608)		
R7150	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	<b>HW3</b>					
R7151	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	* <b>A-1226-204-B</b> <b>HW3 BOARD, MOUNTED</b>					
<b>VARISTOR</b>						<b>CAPACITOR</b>					
VD7020	1-803-974-21	VARISTOR, CHIP	(1608)			C7155	1-126-205-11	ELECT CHIP	47µF	20%	6.3V
VD7021	1-803-974-21	VARISTOR, CHIP	(1608)			C7156	1-100-907-11	CERAMIC CHIP	0.1µF	10%	10V
VD7022	1-803-974-21	VARISTOR, CHIP	(1608)			C7157	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
VD7025	1-803-974-21	VARISTOR, CHIP	(1608)			C7170	1-126-391-11	ELECT CHIP	47µF	20%	6.3V
VD7026	1-803-974-21	VARISTOR, CHIP	(1608)			C7171	1-100-907-11	CERAMIC CHIP	0.1µF	10%	10V
<b>HW1</b>						C7172	1-100-907-11	CERAMIC CHIP	0.1µF	10%	10V
* <b>A-1226-202-B</b> <b>HW1 BOARD, MOUNTED</b>						C7173	1-164-882-11	CERAMIC CHIP	220pF	5%	16V
<b>CAPACITOR</b>						C7174	1-100-907-11	CERAMIC CHIP	0.1µF	10%	10V
C7000	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V	C7179	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C7001	1-100-906-11	CERAMIC CHIP	0.01µF	10%	16V	C7180	1-124-778-00	ELECT CHIP	22µF	20%	6.3V
<b>CONNECTOR</b>						<b>CONNECTOR</b>					
* CN7000 1-819-472-11 HEADER ASSEMBLY FOR PWB						* CN7150 1-819-472-11 HEADER ASSEMBLY FOR PWB					
CN7001 1-821-132-11 HEADER ASSEMBLY FOR PWB						CN7152 1-821-138-11 HEADER ASSEMBLY FOR PWB					
<b>DIODE</b>						<b>DIODE</b>					
D7000	8-719-914-44	DIODE	DAP202K			D7150	6-500-817-01	DIODE	(LED)	SML-512UWT86	
<b>RESISTOR</b>						D7151	8-719-085-26	DIODE	CL-165HR/SYG-D-T		
R7000	1-218-825-11	METAL CHIP	120	0.50%	1/10W	D7152	8-719-085-26	DIODE	CL-165HR/SYG-D-T		
R7001	1-218-827-11	METAL CHIP	150	0.50%	1/10W	D7153	8-719-422-91	DIODE	MA8091		
R7002	1-218-833-11	METAL CHIP	270	0.50%	1/10W	D7154	8-719-422-91	DIODE	MA8091		
R7003	1-218-841-11	METAL CHIP	560	0.50%	1/10W	D7155	8-719-422-91	DIODE	MA8091		
R7004	1-218-851-11	METAL CHIP	1.5K	0.50%	1/10W	D7156	8-719-422-91	DIODE	MA8091		
R7005	1-218-990-81	SHORT CHIP				D7157	8-719-422-91	DIODE	MA8091		
R7006	1-218-990-81	SHORT CHIP				D7158	8-719-422-91	DIODE	MA8091		
R7007	1-218-990-81	SHORT CHIP				D7170	6-500-028-01	DIODE	MM3Z9V1ST1		

# HW3 TUU2

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
<b>IC</b>				<b>TUU2</b>			
IC7170	6-600-502-01	HIC	GP1UE26RK0VF	* <b>A-1269-502-A TUU2 BOARD, MOUNTED</b>			
IC7171	6-600-447-01	IC	TPS853(SONY)				
<b>TRANSISTOR</b>				<b>CAPACITOR</b>			
Q7150	8-729-028-91	TRANSISTOR	DTA144EUA-T106	C1000	1-112-777-11	CERAMIC CHIP	0.01μF 10% 25V
Q7151	8-729-029-14	TRANSISTOR	DTC144EUA-T106	C1001	1-114-148-11	CERAMIC CHIP	1μF 6.3V
Q7152	8-729-907-00	TRANSISTOR	DTC114EU	C1002	1-112-777-11	CERAMIC CHIP	0.01μF 10% 25V
Q7153	8-729-028-73	TRANSISTOR	DTA114EUA-T106	C1003	1-100-905-11	CERAMIC CHIP	0.001μF 10% 50V
Q7154	8-729-028-73	TRANSISTOR	DTA114EUA-T106	C1004	1-128-361-11	ELECT CHIP	470μF 20% 10V
Q7155	8-729-907-00	TRANSISTOR	DTC114EU	C1005	1-112-777-11	CERAMIC CHIP	0.01μF 10% 25V
Q7156	8-729-907-00	TRANSISTOR	DTC114EU	C1006	1-100-905-11	CERAMIC CHIP	0.001μF 10% 50V
Q7157	8-729-028-73	TRANSISTOR	DTA114EUA-T106	C1007	1-110-648-11	ELECT CHIP	220μF 20% 25V
Q7158	8-729-028-73	TRANSISTOR	DTA114EUA-T106	C1008	1-112-066-11	CERAMIC CHIP	10μF 10% 10V
Q7159	8-729-907-00	TRANSISTOR	DTC114EU	C1009	1-164-941-11	CERAMIC CHIP	0.0047μF 10% 16V
Q7170	6-550-586-01	TRANSISTOR	2PA1576R-115	C1010	1-112-794-11	ELECT CHIP	470μF 20% 16V
Q7171	8-729-907-00	TRANSISTOR	DTC114EU	C1012	1-135-366-11	ELECT CHIP	100μF 20% 16V
Q7172	6-550-586-01	TRANSISTOR	2PA1576R-115	C1019	1-100-909-11	CERAMIC CHIP	10μF 10% 6.3V
<b>RESISTOR</b>				C1020	1-100-909-11	CERAMIC CHIP	10μF 10% 6.3V
R7150	1-216-823-11	METAL CHIP	1.5K 5% 1/10W	C1021	1-100-909-11	CERAMIC CHIP	10μF 10% 6.3V
R7153	1-216-819-11	METAL CHIP	680 5% 1/10W	C1022	1-100-916-11	CERAMIC CHIP	0.1μF 10% 16V
R7154	1-216-815-11	METAL CHIP	330 5% 1/10W	C1023	1-112-777-11	CERAMIC CHIP	0.01μF 10% 25V
R7155	1-216-864-11	SHORT CHIP		C1024	1-100-905-11	CERAMIC CHIP	0.001μF 10% 50V
R7158	1-216-819-11	METAL CHIP	680 5% 1/10W	C1025	1-100-909-11	CERAMIC CHIP	10μF 10% 6.3V
R7159	1-216-815-11	METAL CHIP	330 5% 1/10W	C1026	1-114-148-11	CERAMIC CHIP	1μF 6.3V
R7160	1-216-864-11	SHORT CHIP		C1027	1-114-148-11	CERAMIC CHIP	1μF 6.3V
R7162	1-218-990-81	SHORT CHIP		C1028	1-114-148-11	CERAMIC CHIP	1μF 6.3V
R7163	1-218-990-81	SHORT CHIP		C1029	1-114-148-11	CERAMIC CHIP	1μF 6.3V
R7164	1-218-990-81	SHORT CHIP		C1030	1-114-148-11	CERAMIC CHIP	1μF 6.3V
R7165	1-218-990-81	SHORT CHIP		C1031	1-114-148-11	CERAMIC CHIP	1μF 6.3V
R7166	1-218-990-81	SHORT CHIP		C1032	1-100-916-11	CERAMIC CHIP	0.1μF 10% 16V
R7170	1-216-864-11	SHORT CHIP		C1033	1-100-916-11	CERAMIC CHIP	0.1μF 10% 16V
R7171	1-216-817-11	METAL CHIP	470 5% 1/10W	C1034	1-100-916-11	CERAMIC CHIP	0.1μF 10% 16V
R7172	1-216-864-11	SHORT CHIP		C1035	1-100-916-11	CERAMIC CHIP	0.1μF 10% 16V
R7173	1-216-833-11	METAL CHIP	10K 5% 1/10W	C1036	1-100-916-11	CERAMIC CHIP	0.1μF 10% 16V
R7175	1-216-823-11	METAL CHIP	1.5K 5% 1/10W	C1037	1-100-916-11	CERAMIC CHIP	0.1μF 10% 16V
R7176	1-216-805-11	METAL CHIP	47 5% 1/10W	C1038	1-100-916-11	CERAMIC CHIP	0.1μF 10% 16V
R7178	1-216-864-11	SHORT CHIP		C1039	1-100-916-11	CERAMIC CHIP	0.1μF 10% 16V
R7179	1-216-844-11	METAL CHIP	82K 5% 1/10W	C1040	1-100-916-11	CERAMIC CHIP	0.1μF 10% 16V
R7180	1-216-833-11	METAL CHIP	10K 5% 1/10W	C1041	1-100-916-11	CERAMIC CHIP	0.1μF 10% 16V
R7181	1-216-839-11	METAL CHIP	33K 5% 1/10W	C1042	1-100-916-11	CERAMIC CHIP	0.1μF 10% 16V
R7183	1-216-821-11	METAL CHIP	1K 5% 1/10W	C1043	1-100-916-11	CERAMIC CHIP	0.1μF 10% 16V
R7184	1-216-864-11	SHORT CHIP		C1044	1-114-148-11	CERAMIC CHIP	1μF 6.3V
				C1045	1-100-916-11	CERAMIC CHIP	0.1μF 10% 16V
				C1046	1-100-916-11	CERAMIC CHIP	0.1μF 10% 16V

TUU2
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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C1047	1-114-148-11	CERAMIC CHIP	1 $\mu$ F		6.3V	C1093	1-112-777-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
C1048	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	C1094	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
C1049	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	C1095	1-128-993-21	ELECT CHIP	22 $\mu$ F	20%	10V
C1050	1-114-148-11	CERAMIC CHIP	1 $\mu$ F		6.3V	C1096	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
C1051	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	C1097	1-112-777-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
C1052	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	C1099	1-112-064-11	CERAMIC CHIP	2.2 $\mu$ F	10%	10V
C1053	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	C1100	1-112-067-11	CERAMIC CHIP	0.22 $\mu$ F	10%	16V
C1054	1-100-909-11	CERAMIC CHIP	10 $\mu$ F	10%	6.3V	C1102	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C1055	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	C1103	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C1056	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	C1104	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V
C1057	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	C1105	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V
C1058	1-164-862-11	CERAMIC CHIP	33pF	5%	50V	C1106	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C1059	1-164-864-11	CERAMIC CHIP	39pF	5%	50V	C1107	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
C1060	1-164-862-11	CERAMIC CHIP	33pF	5%	50V	C1108	1-128-536-11	ELECT CHIP	100 $\mu$ F	20%	25V
C1061	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	C1109	1-128-993-21	ELECT CHIP	22 $\mu$ F	20%	10V
C1062	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	C1110	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
C1063	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	C1113	1-112-777-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
C1064	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	C1114	1-112-064-11	CERAMIC CHIP	2.2 $\mu$ F	10%	10V
C1065	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	C1115	1-112-775-11	CERAMIC CHIP	0.0022 $\mu$ F	10%	50V
C1066	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	C1116	1-112-776-11	CERAMIC CHIP	0.0047 $\mu$ F	10%	50V
C1067	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	C1118	1-128-361-11	ELECT CHIP	470 $\mu$ F	20%	10V
C1068	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	C1119	1-112-777-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
C1069	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	C1120	1-114-332-11	CERAMIC CHIP	22 $\mu$ F	10%	6.3V
C1070	1-100-909-11	CERAMIC CHIP	10 $\mu$ F	10%	6.3V	C1121	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V
C1071	1-164-868-11	CERAMIC CHIP	56pF	5%	50V	C1123	1-114-183-11	ELECT CHIP	1000 $\mu$ F	20%	6.3V
C1072	1-164-858-11	CERAMIC CHIP	22pF	5%	50V	C1124	1-112-777-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
C1073	1-164-868-11	CERAMIC CHIP	56pF	5%	50V	C1125	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
C1074	1-164-858-11	CERAMIC CHIP	22pF	5%	50V	C1126	1-126-396-11	ELECT CHIP	47 $\mu$ F	20%	16V
C1075	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	C1127	1-112-777-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
C1076	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	C1128	1-112-778-11	CERAMIC CHIP	0.022 $\mu$ F	10%	25V
C1077	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	C1130	1-164-866-11	CERAMIC CHIP	47pF	5%	50V
C1078	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	C1131	1-164-866-11	CERAMIC CHIP	47pF	5%	50V
C1079	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	C1133	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C1080	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	C1134	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
C1081	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	C1135	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
C1082	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	C1136	1-126-204-11	ELECT CHIP	47 $\mu$ F	20%	16V
C1083	1-164-864-11	CERAMIC CHIP	39pF	5%	50V	C1137	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
C1084	1-164-858-11	CERAMIC CHIP	22pF	5%	50V	C1139	1-100-911-11	CERAMIC CHIP	4.7 $\mu$ F	10%	25V
C1085	1-164-858-11	CERAMIC CHIP	22pF	5%	50V	C1141	1-137-765-21	ELECT CHIP	47 $\mu$ F	20%	16V
C1086	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	C1142	1-117-681-11	ELECT CHIP	100 $\mu$ F	20%	16V
C1087	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	C1143	1-112-064-11	CERAMIC CHIP	2.2 $\mu$ F	10%	10V
C1088	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	C1144	1-165-492-21	ELECT CHIP	100 $\mu$ F	20%	10V
C1089	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	C1145	1-165-492-21	ELECT CHIP	100 $\mu$ F	20%	10V
C1091	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	C1147	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
C1092	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	C1149	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V





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REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
L1015	1-469-555-21	INDUCTOR	10μH	R1046	1-218-941-81	RES-CHIP	100 5% 1/16W
L1016	1-469-555-21	INDUCTOR	10μH	R1047	1-218-941-81	RES-CHIP	100 5% 1/16W
L1017	1-469-555-21	INDUCTOR	10μH	R1048	1-218-929-11	RES-CHIP	10 5% 1/16W
L1018	1-469-555-21	INDUCTOR	10μH	R1050	1-218-953-11	RES-CHIP	1K 5% 1/16W
L1019	1-469-555-21	INDUCTOR	10μH	R1053	1-218-990-81	SHORT CHIP	
L1200	1-416-740-11	INDUCTOR	10μH	R1054	1-218-990-81	SHORT CHIP	
<b>TRANSISTOR</b>				R1055	1-218-929-11	RES-CHIP	10 5% 1/16W
Q1003	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	R1058	1-218-929-11	RES-CHIP	10 5% 1/16W
Q1006	6-551-699-01	TRANSISTOR	ISA1602AM1TP-1EF	R1059	1-218-990-81	SHORT CHIP	
Q1007	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	R1060	1-218-929-11	RES-CHIP	10 5% 1/16W
Q1011	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	R1061	1-218-990-81	SHORT CHIP	
Q1014	6-551-699-01	TRANSISTOR	ISA1602AM1TP-1EF	R1064	1-218-990-81	SHORT CHIP	
Q1019	8-729-620-13	TRANSISTOR	2SC4154TP-1EF	R1065	1-218-961-11	RES-CHIP	4.7K 5% 1/16W
Q1020	6-551-150-01	TRANSISTOR	RT2A00M-TP	R1066	1-218-970-11	RES-CHIP	27K 5% 1/16W
Q1200	8-729-046-04	TRANSISTOR	FDS6690A	R1067	1-218-941-81	RES-CHIP	100 5% 1/16W
Q1201	6-551-272-01	TRANSISTOR	RT3CLLM	R1070	1-208-929-81	METAL CHIP	56K 0.50% 1/16W
Q1300	6-551-272-01	TRANSISTOR	RT3CLLM	R1072	1-218-949-11	RES-CHIP	470 5% 1/16W
<b>RESISTOR</b>				R1073	1-208-939-11	METAL CHIP	150K 0.50% 1/16W
R1006	1-218-969-11	RES-CHIP	22K 5% 1/16W	R1076	1-218-959-11	RES-CHIP	3.3K 5% 1/16W
R1007	1-208-928-11	METAL CHIP	51K 0.50% 1/16W	R1077	1-218-989-11	RES-CHIP	1M 5% 1/16W
R1009	1-218-941-81	RES-CHIP	100 5% 1/16W	R1078	1-218-965-11	RES-CHIP	10K 5% 1/16W
R1011	1-208-928-11	METAL CHIP	51K 0.50% 1/16W	R1079	1-218-965-11	RES-CHIP	10K 5% 1/16W
R1012	1-218-969-11	RES-CHIP	22K 5% 1/16W	R1086	1-218-953-11	RES-CHIP	1K 5% 1/16W
R1015	1-218-941-81	RES-CHIP	100 5% 1/16W	R1087	1-208-935-11	METAL CHIP	100K 0.50% 1/16W
R1016	1-218-941-81	RES-CHIP	100 5% 1/16W	R1088	1-218-965-11	RES-CHIP	10K 5% 1/16W
R1017	1-218-941-81	RES-CHIP	100 5% 1/16W	R1089	1-218-953-11	RES-CHIP	1K 5% 1/16W
R1018	1-218-965-11	RES-CHIP	10K 5% 1/16W	R1090	1-218-958-11	RES-CHIP	2.7K 5% 1/16W
R1019	1-218-970-11	RES-CHIP	27K 5% 1/16W	R1091	1-208-683-11	METAL CHIP	1K 0.50% 1/16W
R1022	1-220-174-11	RES-CHIP	200 5% 1/16W	R1093	1-208-691-11	METAL CHIP	2.2K 0.50% 1/16W
R1023	1-208-683-11	METAL CHIP	1K 0.50% 1/16W	R1094	1-218-990-81	SHORT CHIP	
R1025	1-208-697-11	METAL CHIP	3.9K 0.50% 1/16W	R1095	1-208-697-11	METAL CHIP	3.9K 0.50% 1/16W
R1026	1-218-929-11	RES-CHIP	10 5% 1/16W	R1096	1-218-958-11	RES-CHIP	2.7K 5% 1/16W
R1027	1-218-929-11	RES-CHIP	10 5% 1/16W	R1097	1-208-691-11	METAL CHIP	2.2K 0.50% 1/16W
R1035	1-220-803-81	RES-CHIP	4.7 5% 1/16W	R1098	1-218-989-11	RES-CHIP	1M 5% 1/16W
R1036	1-220-803-81	RES-CHIP	4.7 5% 1/16W	R1105	1-218-941-81	RES-CHIP	100 5% 1/16W
R1037	1-218-990-81	SHORT CHIP		R1106	1-218-948-11	RES-CHIP	390 5% 1/16W
R1038	1-218-949-11	RES-CHIP	470 5% 1/16W	R1107	1-208-691-11	METAL CHIP	2.2K 0.50% 1/16W
R1040	1-218-953-11	RES-CHIP	1K 5% 1/16W	R1108	1-218-990-81	SHORT CHIP	
R1041	1-218-953-11	RES-CHIP	1K 5% 1/16W	R1109	1-218-961-11	RES-CHIP	4.7K 5% 1/16W
R1042	1-218-953-11	RES-CHIP	1K 5% 1/16W	R1110	1-218-941-81	RES-CHIP	100 5% 1/16W
R1043	1-218-929-11	RES-CHIP	10 5% 1/16W	R1112	1-218-941-81	RES-CHIP	100 5% 1/16W
R1044	1-208-711-11	METAL CHIP	15K 0.50% 1/16W	R1114	1-218-965-11	RES-CHIP	10K 5% 1/16W
R1045	1-208-711-11	METAL CHIP	15K 0.50% 1/16W	R1115	1-218-978-11	RES-CHIP	120K 5% 1/16W
				R1116	1-218-990-81	SHORT CHIP	
				R1128	1-218-957-11	RES-CHIP	2.2K 5% 1/16W

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
R1129	1-218-957-11	RES-CHIP	2.2K	5%	1/16W		<b>CRYSTAL</b>		
R1130	1-218-929-11	RES-CHIP	10	5%	1/16W				
R1131	1-218-990-81	SHORT CHIP				X1000	1-813-946-21	VIBRATOR, CRYSTAL	
R1132	1-218-990-81	SHORT CHIP							
R1133	1-218-990-81	SHORT CHIP							
							<b>ACCESSORIES AND PACKING</b>		
						$\triangle$	1-832-937-11	AC POWER-SUPPLY CORD SET	
R1134	1-218-969-11	RES-CHIP	22K	5%	1/16W	*	X-2102-511-2	BAG ASSY, RUDDER LOCK (Contains the 3 items below)	
R1136	1-218-985-11	RES-CHIP	470K	5%	1/16W		X-2055-089-2	LOCK ASSY, RUDDER (Support Belt)	
R1137	1-208-931-11	METAL CHIP	68K	0.50%	1/16W		2-593-320-02	SCREW, CION (M6X18)	
R1138	1-218-990-81	SHORT CHIP					2-580-663-01	SCREW, WOOD 3.8X20	
R1139	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W				
R1140	1-218-933-11	RES-CHIP	22	5%	1/16W	*	3-268-497-01	BAG, PROTECTION	
R1141	1-218-933-11	RES-CHIP	22	5%	1/16W	*	2-678-265-01	BAG, PROTECTION (KDL-40V3000 ONLY)	
R1142	1-218-933-11	RES-CHIP	22	5%	1/16W				
R1143	1-218-933-11	RES-CHIP	22	5%	1/16W	*	2-678-266-01	BAG, PROTECTION (KDL-46V3000/46VL130 ONLY)	
R1144	1-218-929-11	RES-CHIP	10	5%	1/16W				
R1149	1-218-929-11	RES-CHIP	10	5%	1/16W	*	3-268-322-01	CARTON, INDIVIDUAL (KDL-46VL130 ONLY)	
R1156	1-218-965-11	RES-CHIP	10K	5%	1/16W	*	3-217-311-01	CARTON, INDIVIDUAL (KDL-40V3000 ONLY)	
R1159	1-218-965-11	RES-CHIP	10K	5%	1/16W	*	3-217-591-01	CARTON, INDIVIDUAL (KDL-46V3000 ONLY)	
R1160	1-218-990-81	SHORT CHIP							
R1161	1-208-927-11	METAL CHIP	47K	0.50%	1/16W	*	3-217-310-01	CUSHION (LOWER) (KDL-40V3000 ONLY)	
R1162	1-218-990-81	SHORT CHIP					3-211-520-01	CUSHION, LOWER (KDL-46V3000/46VL130 ONLY)	
R1163	1-208-927-11	METAL CHIP	47K	0.50%	1/16W	*			
R1165	1-218-953-11	RES-CHIP	1K	5%	1/16W				
R1167	1-208-905-11	METAL CHIP	5.6K	0.50%	1/16W	*			
R1169	1-218-990-81	SHORT CHIP							
R1175	1-218-990-81	SHORT CHIP				*	3-217-309-01	CUSHION (UPPER) (KDL-40V3000 ONLY)	
R1200	1-218-953-11	RES-CHIP	1K	5%	1/16W	*	3-211-519-01	CUSHION, UPPER (KDL-46V3000/46VL130 ONLY)	
R1201	1-218-947-11	RES-CHIP	330	5%	1/16W				
R1202	1-218-965-11	RES-CHIP	10K	5%	1/16W				
R1203	1-218-941-81	RES-CHIP	100	5%	1/16W				
R1205	1-218-961-11	RES-CHIP	4.7K	5%	1/16W		3-268-349-11	GUIDE, QUICK SET UP (ENGLISH VERSION) (KDL-40V3000/46V3000 ONLY)	
R1207	1-218-961-11	RES-CHIP	4.7K	5%	1/16W		3-268-349-21	GUIDE, QUICK SET UP (FRENCH VERSION) (KDL-40V3000/46V3000 ONLY)	
R1208	1-218-953-11	RES-CHIP	1K	5%	1/16W				
R1209	1-218-961-11	RES-CHIP	4.7K	5%	1/16W		3-268-349-31	GUIDE, QUICK SET UP (SPANISH VERSION) (KDL-40V3000/46V3000 ONLY)	
R1211	1-208-927-11	METAL CHIP	47K	0.50%	1/16W		3-215-020-11	GUIDE, QUICK SET UP (ENGLISH VERSION) (KDL-46VL130 ONLY)	
R1300	1-218-959-11	RES-CHIP	3.3K	5%	1/16W				
R1301	1-218-959-11	RES-CHIP	3.3K	5%	1/16W				
R1302	1-218-958-11	RES-CHIP	2.7K	5%	1/16W				
R1303	1-208-911-11	METAL CHIP	10K	0.50%	1/16W				
R1400	1-218-965-11	RES-CHIP	10K	5%	1/16W				
R1401	1-218-965-11	RES-CHIP	10K	5%	1/16W				
R1402	1-218-965-11	RES-CHIP	10K	5%	1/16W				




REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
	3-212-686-11	MANUAL, INSTRUCTION (ENGLISH VERSION) (KDL-40V3000/46V3000 ONLY)			<b><u>MISCELLANEOUS</u></b>		
	3-212-686-21	MANUAL, INSTRUCTION (FRENCH VERSION) (KDL-40V3000/46V3000 ONLY)			2-595-155-02	CLAMP	
	3-212-686-31	MANUAL, INSTRUCTION (SPANISH VERSION) (KDL-40V3000/46V3000 ONLY)			2-580-630-01	SCREW, +BVST 4X8	
	3-215-019-11	MANUAL, INSTRUCTION (ENGLISH VERSION) (KDL-46VL130 ONLY)		*	2-580-599-01	SCREW, +PSW M4X6	
					3-269-273-01	SPACER, BUTTON	
					3-270-545-01	TAPE, LVDS	
					<b><u>REMOTE COMMANDER</u></b>		
*	3-217-307-01	TRAY (KDL-40V3000 ONLY)			1-480-166-11	REMOTE COMMANDER (RM-YD014)	
*	3-211-517-01	TRAY (KDL-46V3000/46VL130 ONLY)					
*	3-217-308-01	TRAY, TOP (KDL-40V3000 ONLY)					
*	3-211-518-01	TRAY, TOP (KDL-46V3000/46VL130 ONLY)					

**Sony Corporation**  
 Sony Technology Center  
 Technical Services  
 Service Promotion Department

## 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).*