

HISTORY INFORMATION FOR THE FOLLOWING MANUAL:

# SERVICE MANUAL

# FIX2 CHASSIS

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<u>MODEL NAME</u>	<u>REMOTE COMMANDER</u>	<u>DESTINATION</u>
<b>KDL-40W3000</b>	RM-YD017	US/CANADA
<b>KDL-40W3000</b>	RM-YD017	LATIN NORTH/LATIN SOUTH
<b>KDL-46W3000</b>	RM-YD017	US/CANADA
<b>KDL-46W3000</b>	RM-YD017	LATIN NORTH/LATIN SOUTH

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REVISION DATE

SUBJECT

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7/2007

No revisions or updates are applicable at this time.

LCD DIGITAL COLOR TELEVISION

**SONY®**

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KDL-46W3000



RM-YD017

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-40W3000 Only)  
260W (KDL-46W3000 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>B</sub>P<sub>R</sub> (Component Video)

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

#### AUDIO

500 mVrms (100% modulation)  
Impedance: 47 kilohms

### HDMI IN 1/2/3:

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

### AUDIO (for HDMI IN 8):

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.



HIGH-DEFINITION TELEVISION



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.

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

	KDL-40W3000	KDL-46W3000
<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
<b>Tweeter</b>		
<b>Dimensions (H)</b>	1 <sup>5/8</sup> inches 40 mm	1 <sup>5/8</sup> inches 40 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
<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 735 x 122 mm
<b>wall-mount hole pattern</b>	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
<b>without stand</b>	48 lbs. 21.5 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-40W3000 - ~40 inches  
KDL-46W3000 - ~46 inches

#### Supplied Accessories

Remote Commander RM-YD017  
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-WL51  
TV-Stand  
RHT-G800  
SU-FL300M  
SU-FL300L (KDL-46W3000 Only)

## WARNINGS AND CAUTIONS

### CAUTION

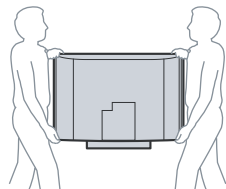
These servicing instructions are for use by qualified service personnel only. To reduce the risk of electric shock, do not perform any servicing other than that contained in the operating instructions unless you are qualified to do so.

### CARRYING THE TV

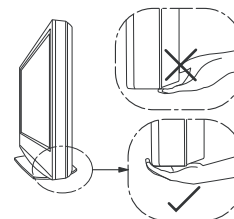
To avoid dropping the TV and causing serious injury, be sure to follow these guidelines:

- 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-40W3000/46W3000



- 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!!

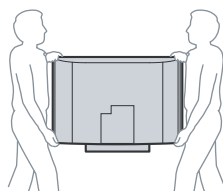
Ces instructions de service sont à l'usage du personnel de service qualifié seulement. Pour prévenir le risque de choc électrique, ne pas faire l'entretien autre que celui contenu dans le Mode d'emploi à moins que vous soyez qualifié faire ainsi.

### POUR TRANSPORTER LE TÉLÉVISEUR

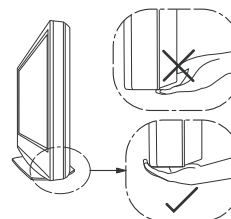
Assurez-vous de suivre ces consignes pour éviter de laisser tomber le téléviseur et de provoquer des blessures graves :

- 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-40W3000/46W3000



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




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

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



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

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

## SAFETY-RELATED COMPONENT WARNING

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

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

### USE CAUTION WHEN HANDLING THE LCD PANEL

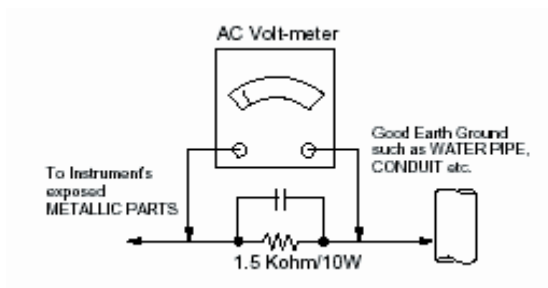
When repairing the LCD panel, be sure you are grounded by using a wrist band.

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

#### To avoid damaging the LCD panel:

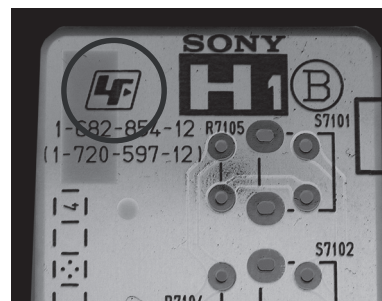
- do not press on the panel or frame edge to avoid the risk of electric shock.
- do not scratch or press on the panel with any sharp objects.
- do not leave the module in high temperatures or in areas of high humidity for an extended period of time.
- do not expose the LCD panel to direct sunlight.
-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

### LEAKAGE CURRENT HOT CHECK CIRCUIT



## example 1

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



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

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

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

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



## SAFETY CHECK-OUT

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

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

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

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

### How to Find a Good Earth Ground

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

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

### Leakage Test

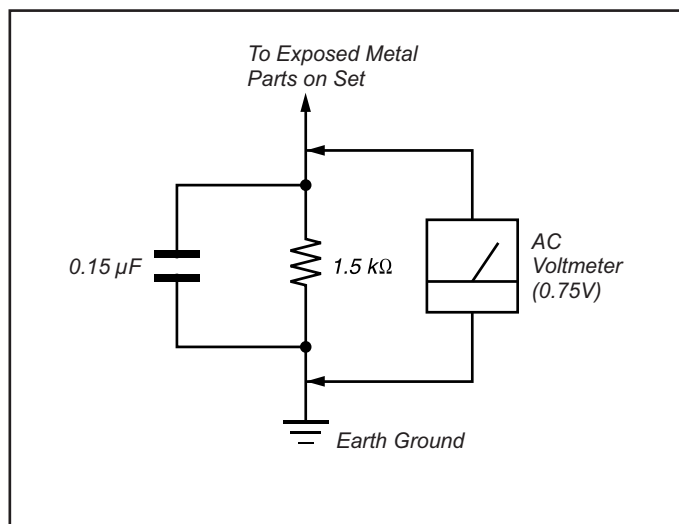


Figure A. Using an AC voltmeter to check AC leakage.

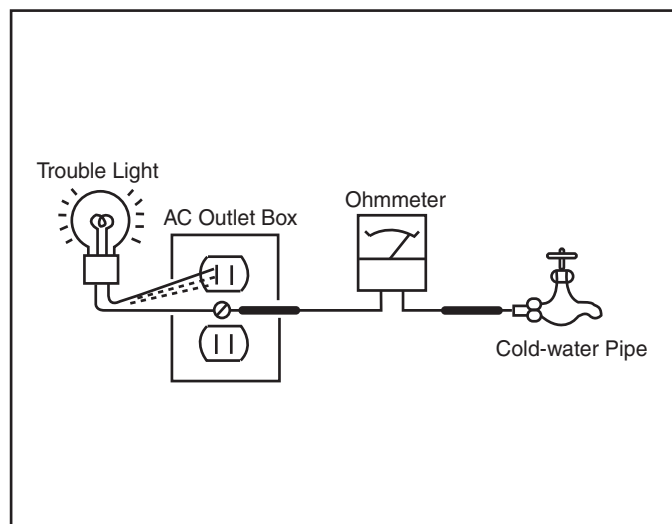
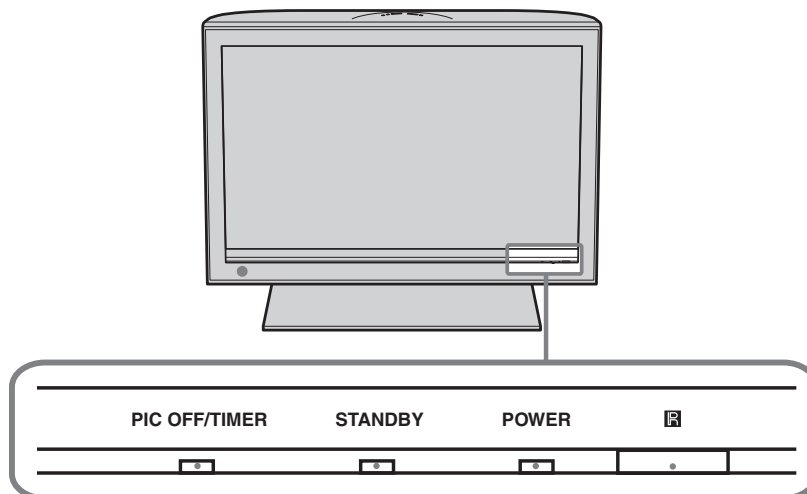


Figure B. Checking for earth ground.

## SELF-DIAGNOSTIC FUNCTION

*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.

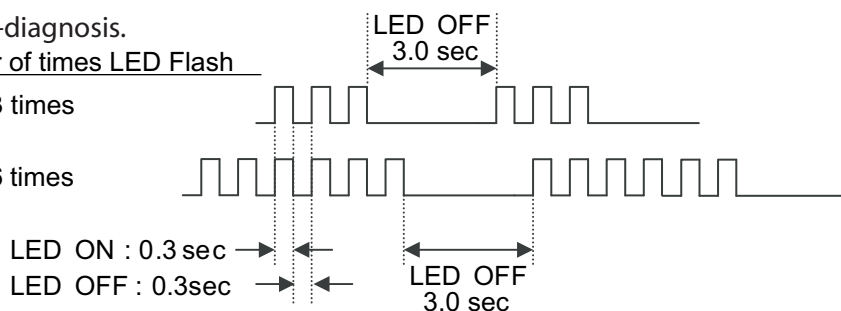
The units in this manual contain a self-diagnostic function. If an error occurs, the STANDBY LED automatically begins to flash. The number of times the LED flashes translates to a probable source of the problem. A definition of the STANDBY LED flash indicators is listed in the instruction manual for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

Example Diagnosis Number of times LED Flash

POW\_ERR1 3 times

BACKLITE 6 times



**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:



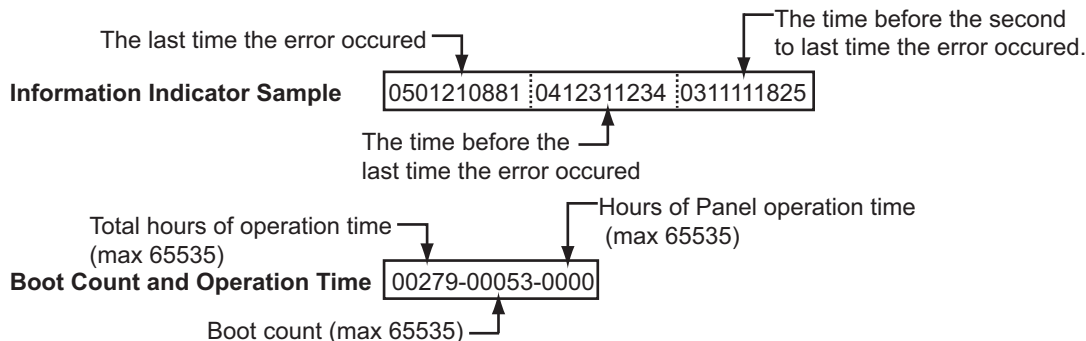
The Self Check list displays.

↑ This differs from accessing Service Adjustments.

LED	Display
<b>SELF CHECK</b>	
000 :	==== 00
002 :	POW_OVP ----- 00
003 :	POW_ERR1 ----- 00
005 :	T_CON ----- 00
006 :	BACKLITE ----- 00
007 :	PANLTEMP ----- 01
008 :	AUD_PROT ----- 00
009 :	FAN_ERR ----- 00
010 :	DTT_ERR ----- 00
011 :	==== 00
013 :	BALANCER ----- 00
101 :	DTT_WDT ----- 00
102 :	TVM_WDT ----- 00
103 :	BEM_WDT ----- 00
00279-00053-0000	

**Contents**

- ====
- Power OVP
- Power Error
- T-CON Error
- Backlight Error
- Panel Temp Error
- Audio Protector
- Only Used in XBR models
- ====
- Panel Error
- WDT- Watch Dog Timers
- (Watch Dog Timers are used to track micro processors, not to record errors.)



**Resetting the Diagnostic Indicators**

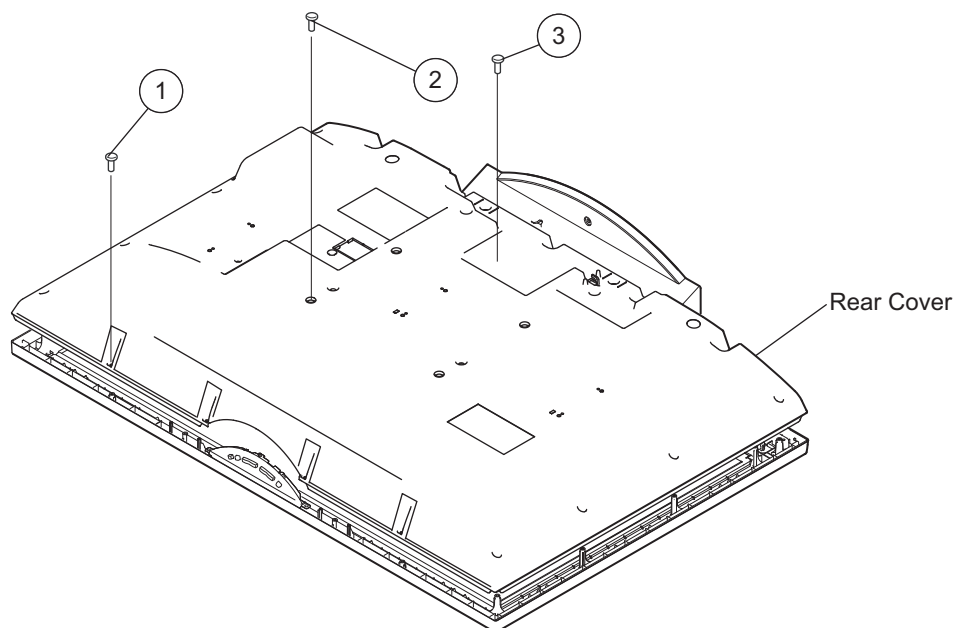
After completing the repair of the set, reset the Self Check screen to set all the display results to "00".

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

## SECTION 1: DISASSEMBLY

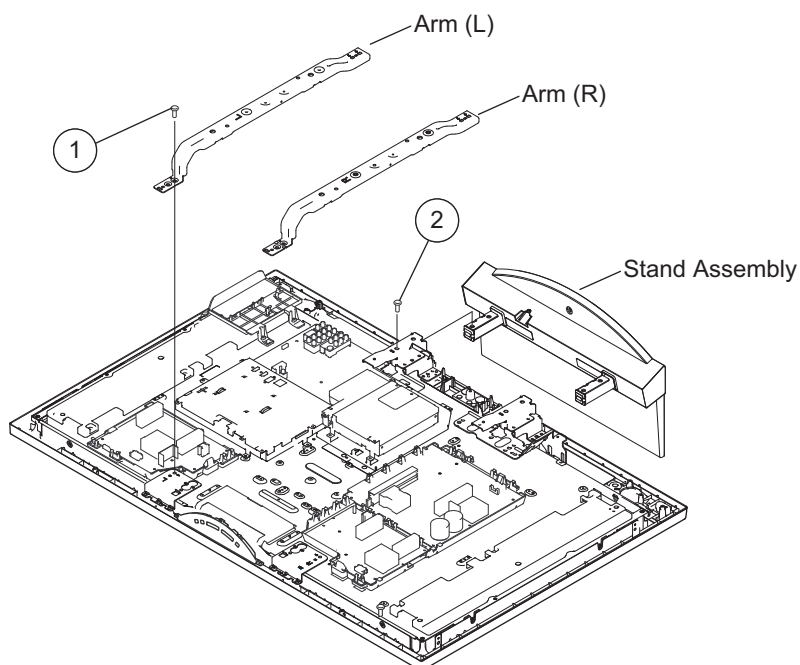
### 1-1. REAR COVER REMOVAL

- ① Remove 15 screws from Rear Cover, +BVTP2 4X16 (KDL-40W3000),  
Remove 19 screws from Rear Cover, +BVTP2 4X16 (KDL-46W3000)
- ② Remove 2 screws from Rear Cover arm positions, +PSW M5X12
- ③ Remove 2 screws from Terminals, +BVTP 3X12 TYPE2 IT-3



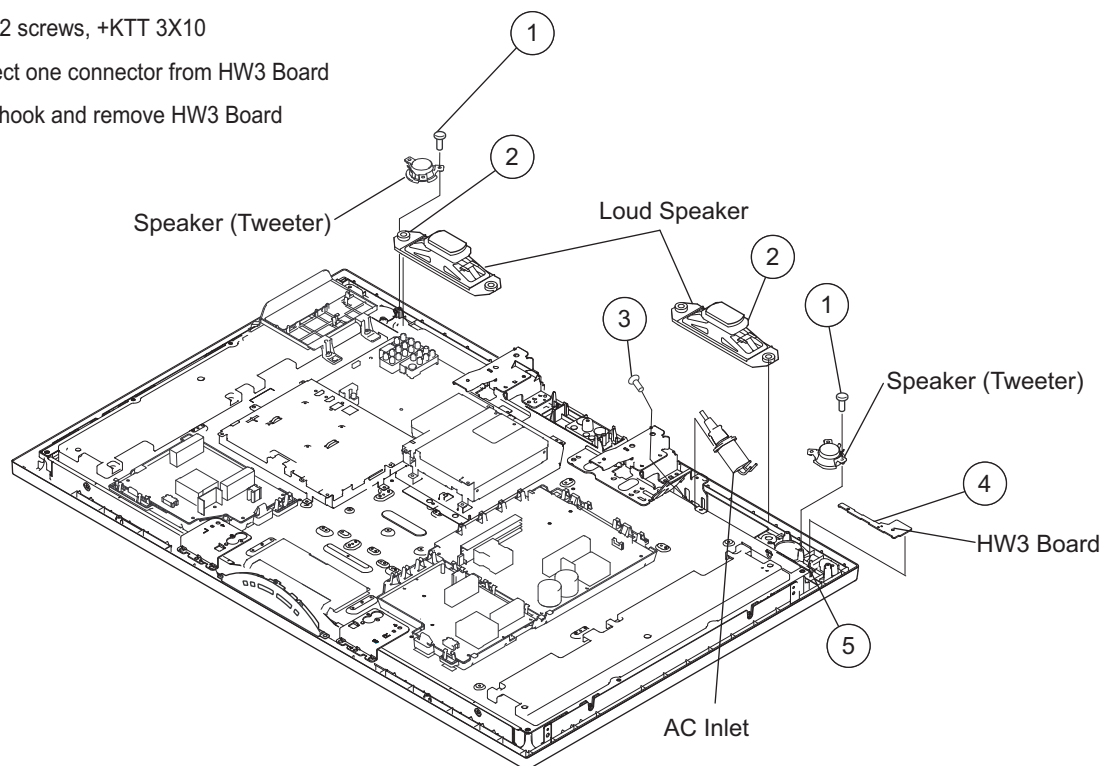
### 1-2. ARM AND STAND REMOVAL

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



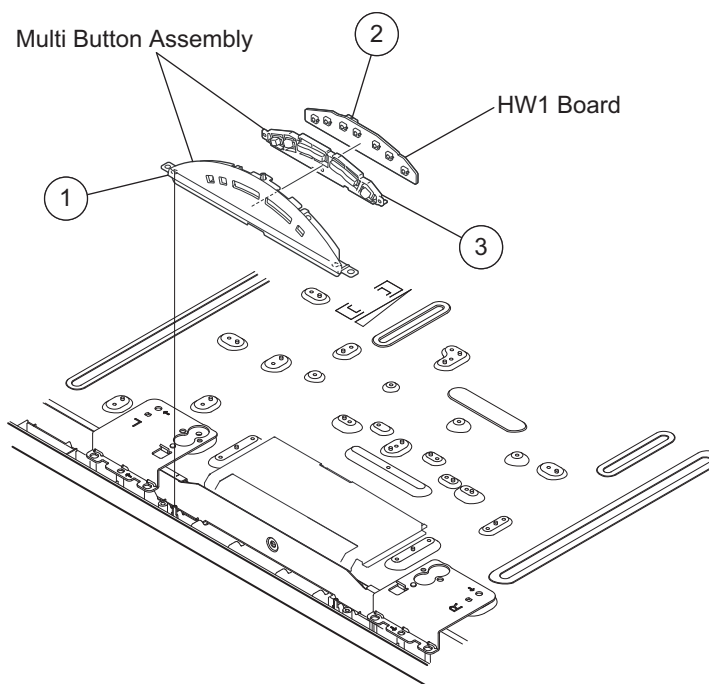
### 1-3. SPEAKER, HW3 BOARD, AND AC INLET REMOVAL

- ① Remove 6 screws, +BVTP2 4X16  
(KDL-46W3000 only)
- ② Slide out Loudspeakers from Bezel
- ③ Remove 2 screws, +KTT 3X10
- ④ Disconnect one connector from HW3 Board
- ⑤ Release hook and remove HW3 Board



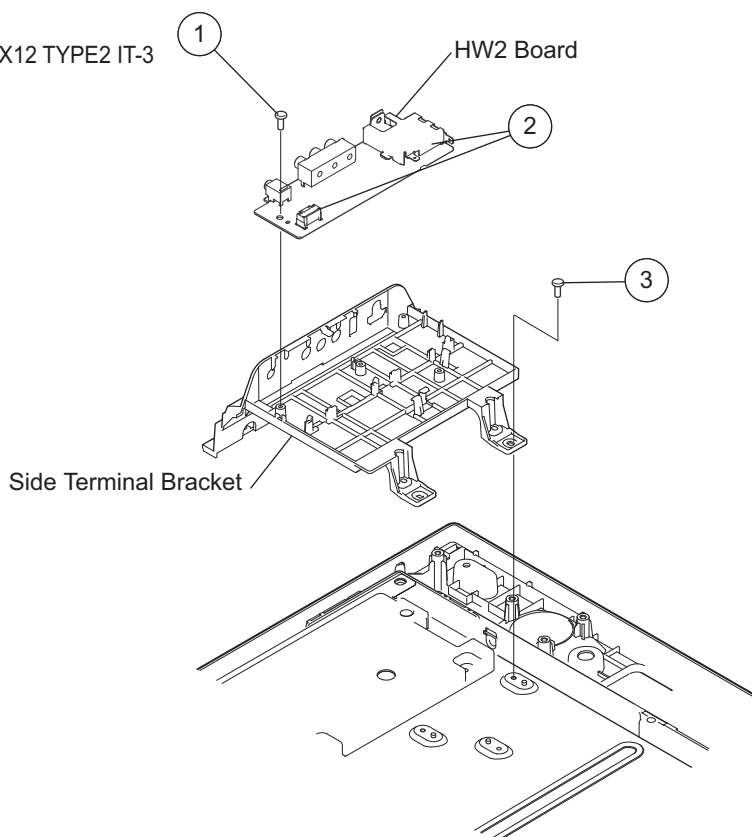
### 1-4. HW1 BOARD REMOVAL

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



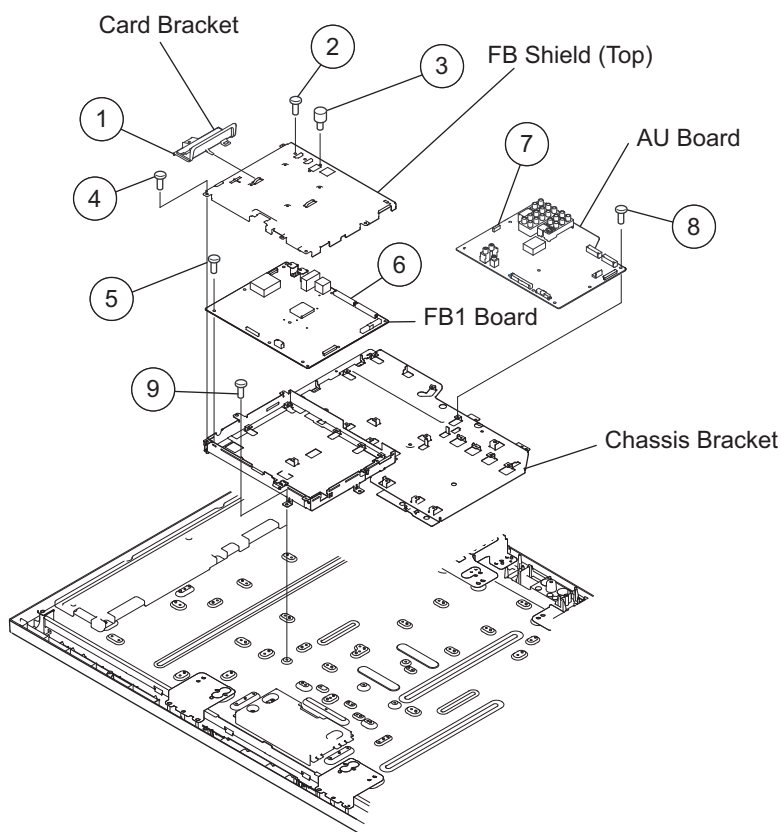
## 1-5. HW2 BOARD REMOVAL

- ① Remove three screws, +BVTP 3X12 TYPE2 IT-3
- ② Disconnect two connectors
- ③ Remove 2 screws, +PVST 3X8 (KDL-40W3000)  
Remove 2 screws, +PSW M3X5 (KDL-46W3000)



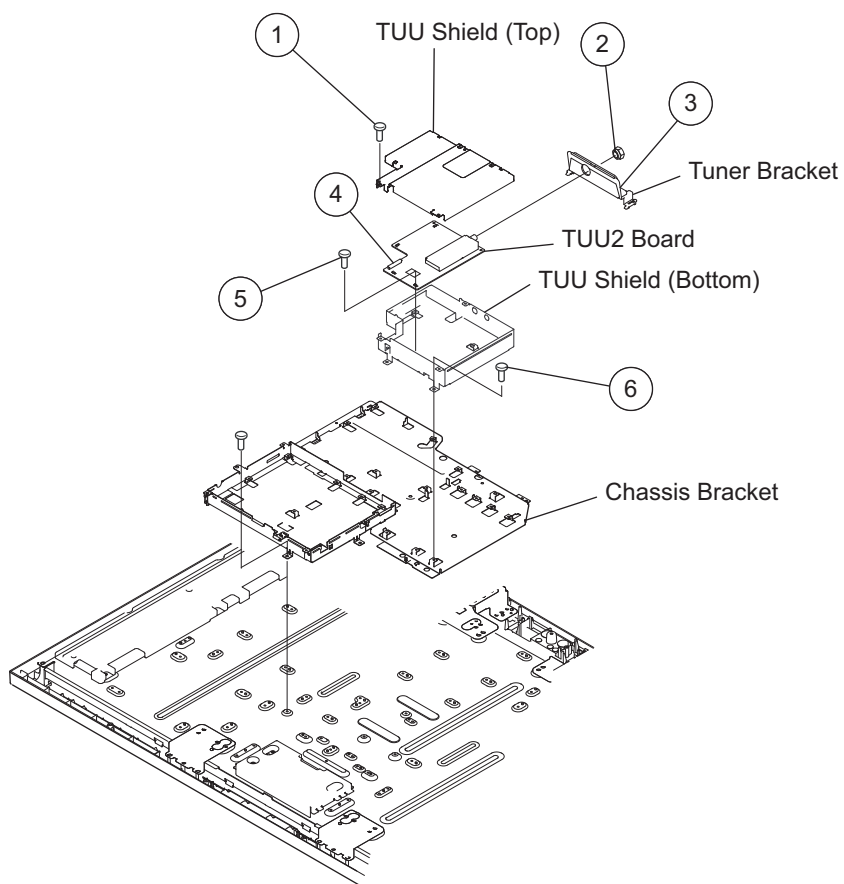
## 1-6 AU BOARD AND FB1 BOARD REMOVAL

- 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



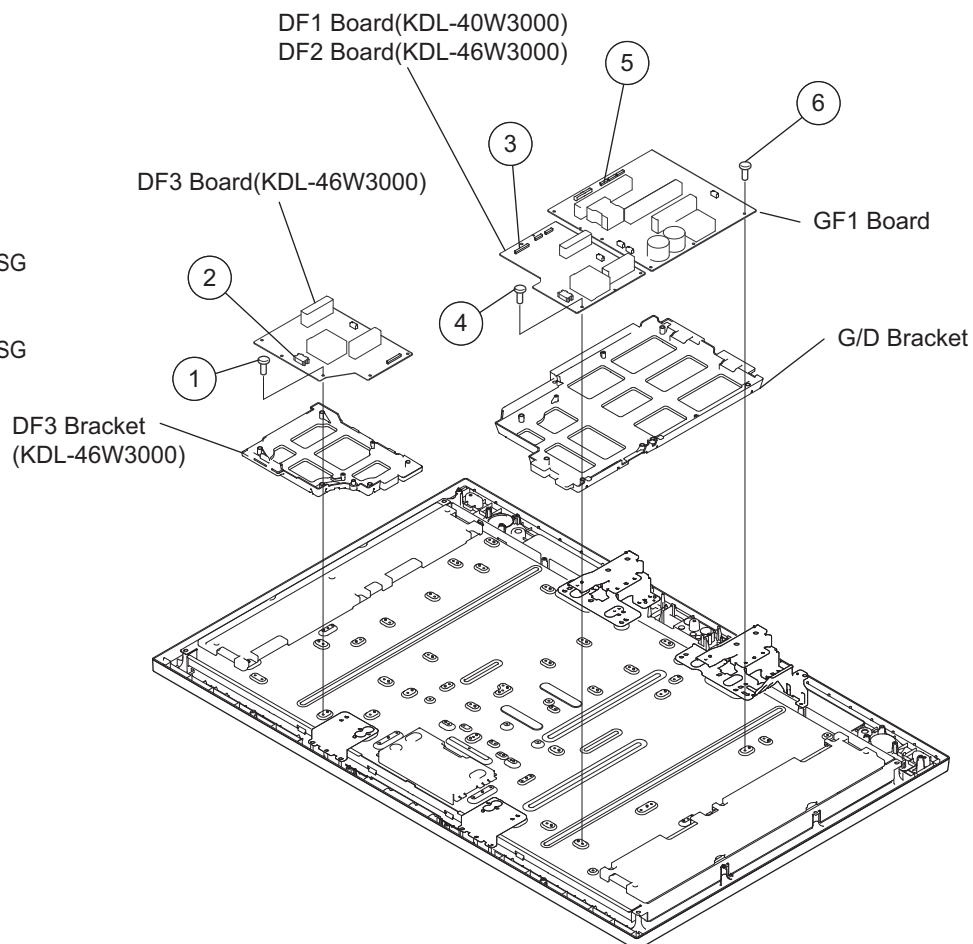
## 1-7. TUU2 BOARD REMOVAL

- 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

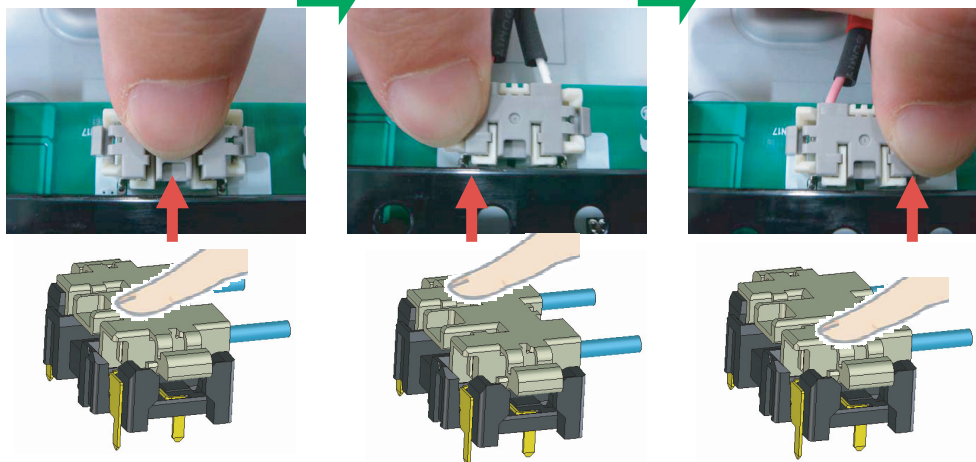
- ① Remove 5 screws, +PSW 3SG  
(KDL-46W3000 only)
- ② Disconnect 3 connectors  
(KDL-46W3000 only)
- ③ Disconnect 4 connectors  
(KDL-40W3000)  
Disconnect 4 connectors  
(KDL-46W3000)
- ④ Remove 4 screws, +PSW 3SG
- ⑤ Disconnect 7 connectors
- ⑥ Remove 4 screws, +PSW 3SG



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

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

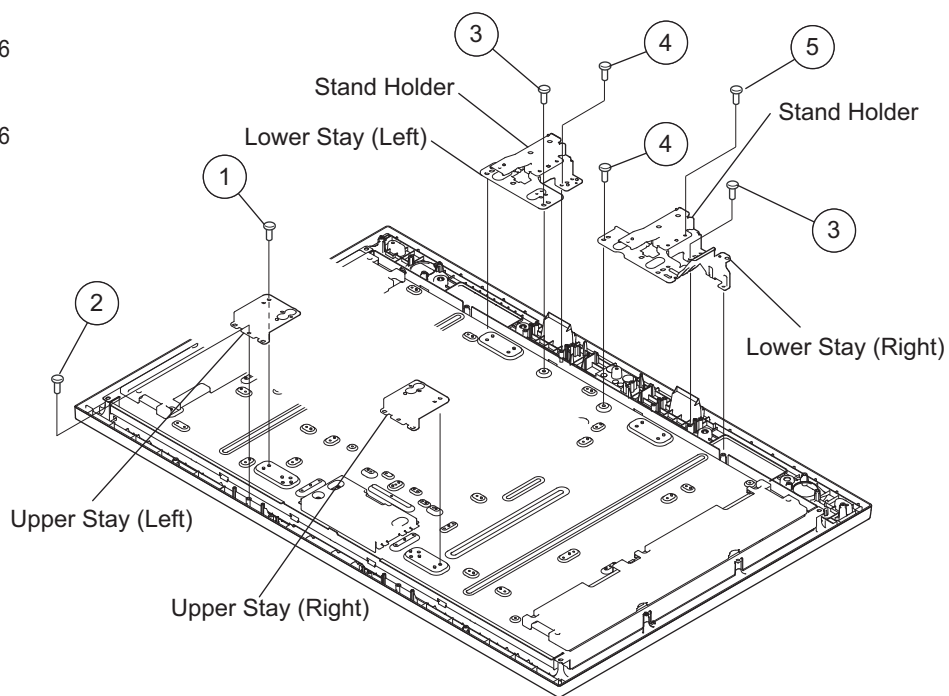
- ① After inserting the connector into the Inverter board, push the middle section of the inverter connector to lock on the terminal.
- ② Push the right section of the inverter connector and confirm it is securely connected.
- ③ Push the left section of the inverter connector and confirm it is securely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





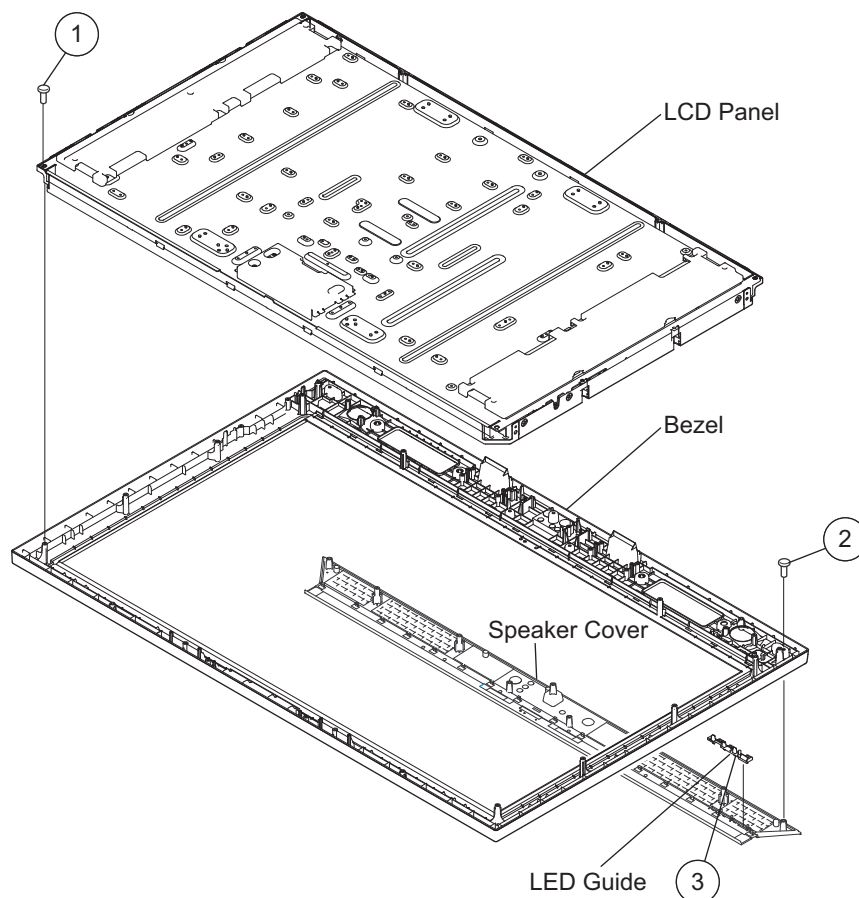
## 1-9. STAY (BRACKET) REMOVAL

- 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

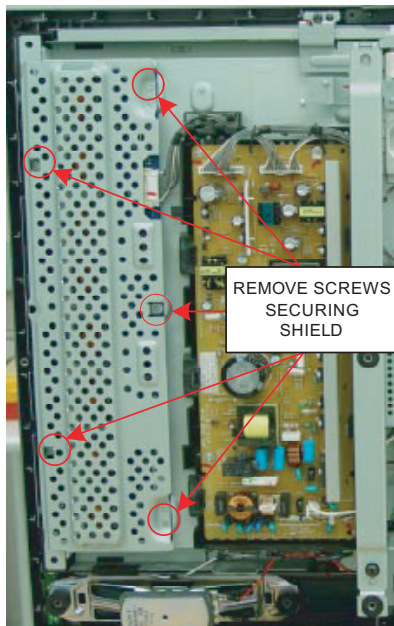
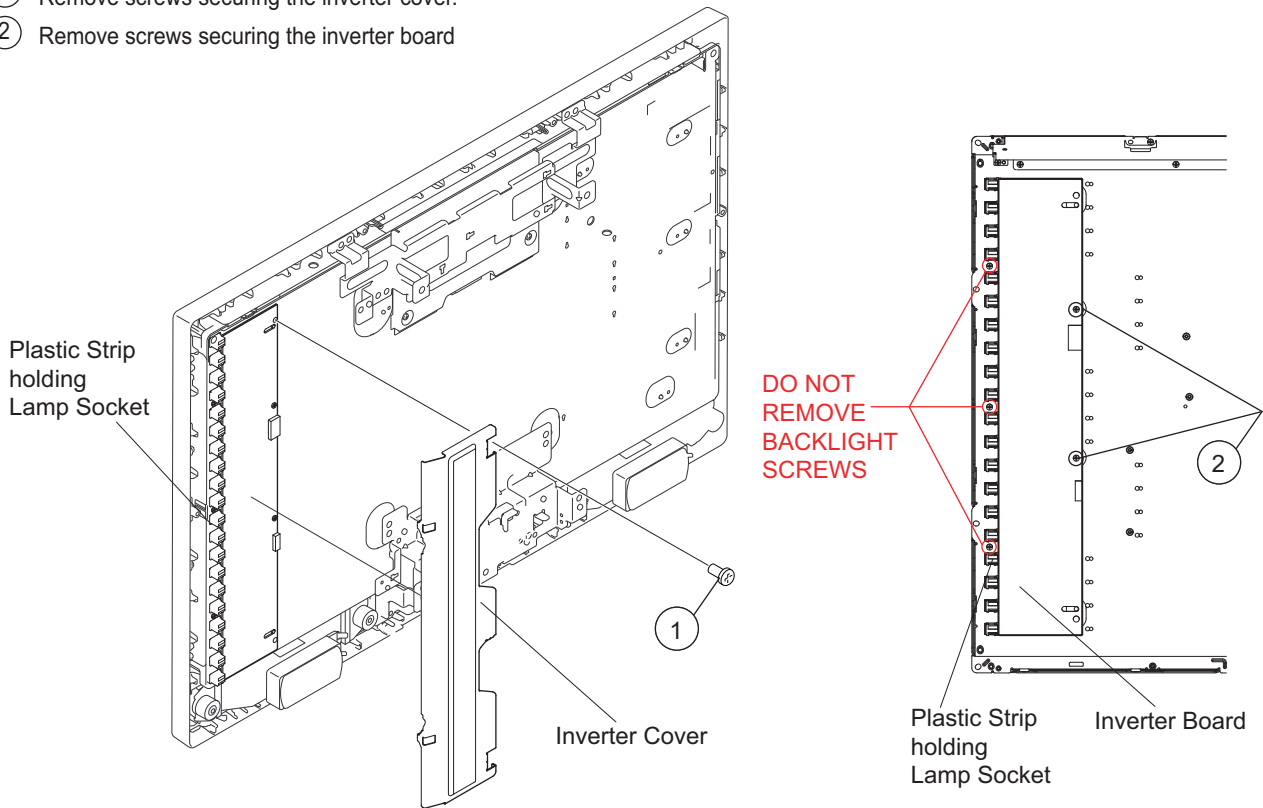


## 1-11. ETC-INVERTER MT BOARD REMOVAL

**CAUTION:**

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

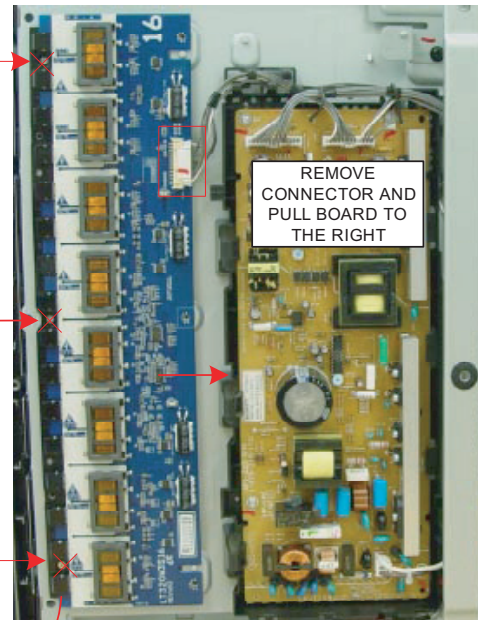
- ① Remove screws securing the inverter cover.
- ② Remove screws securing the inverter board



SHIELD REMOVAL

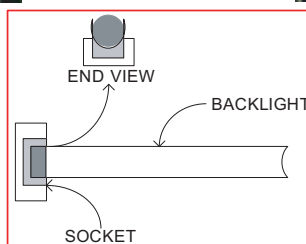
**WARNING!**

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



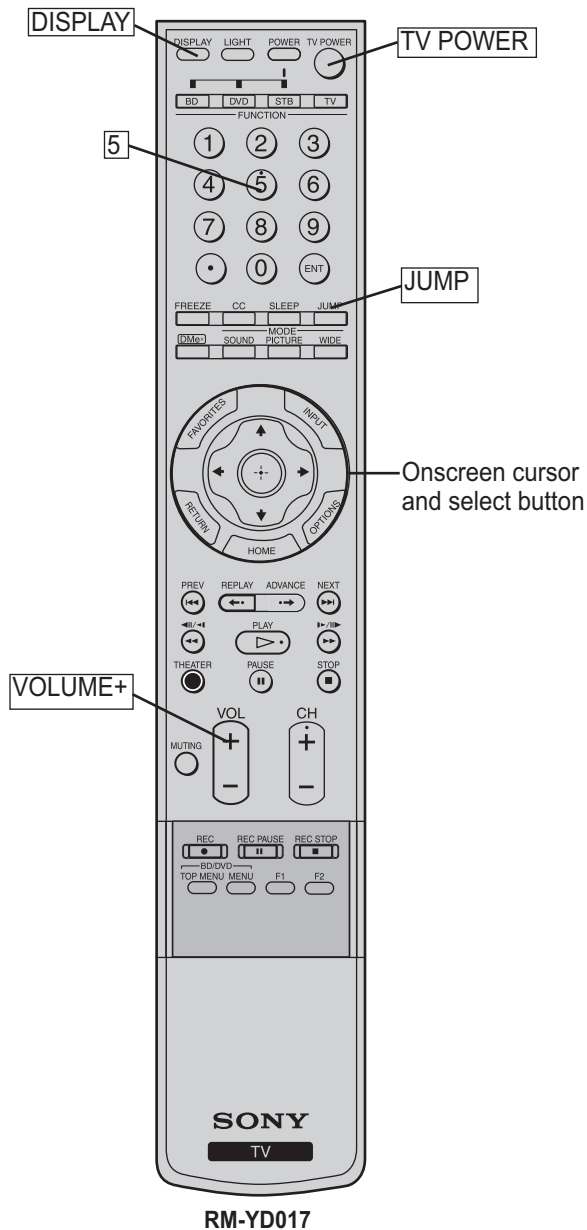
**INVERTER BOARD REMOVAL**

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

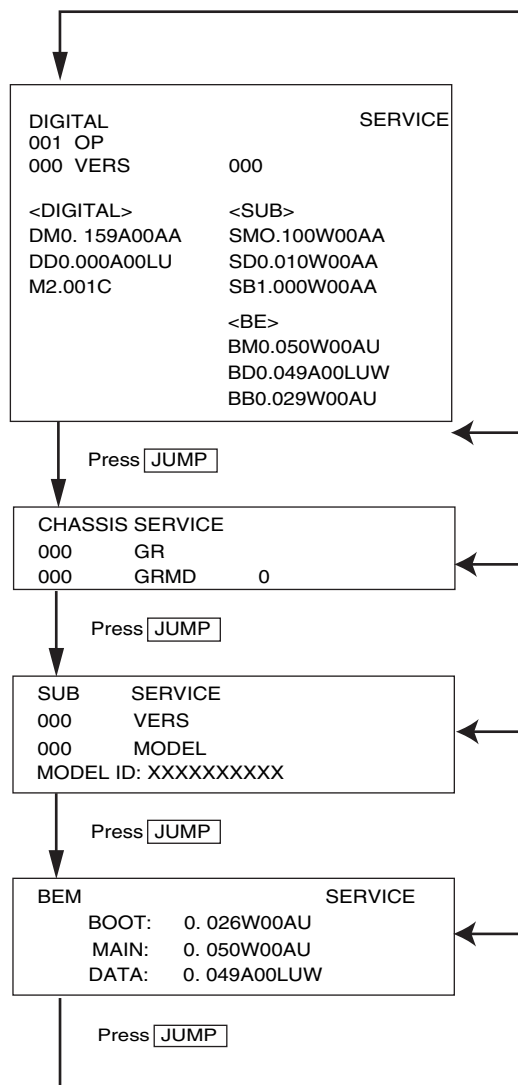
### 2-1. REMOTE ADJUSTMENT BUTTONS AND INDICATORS



### 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.

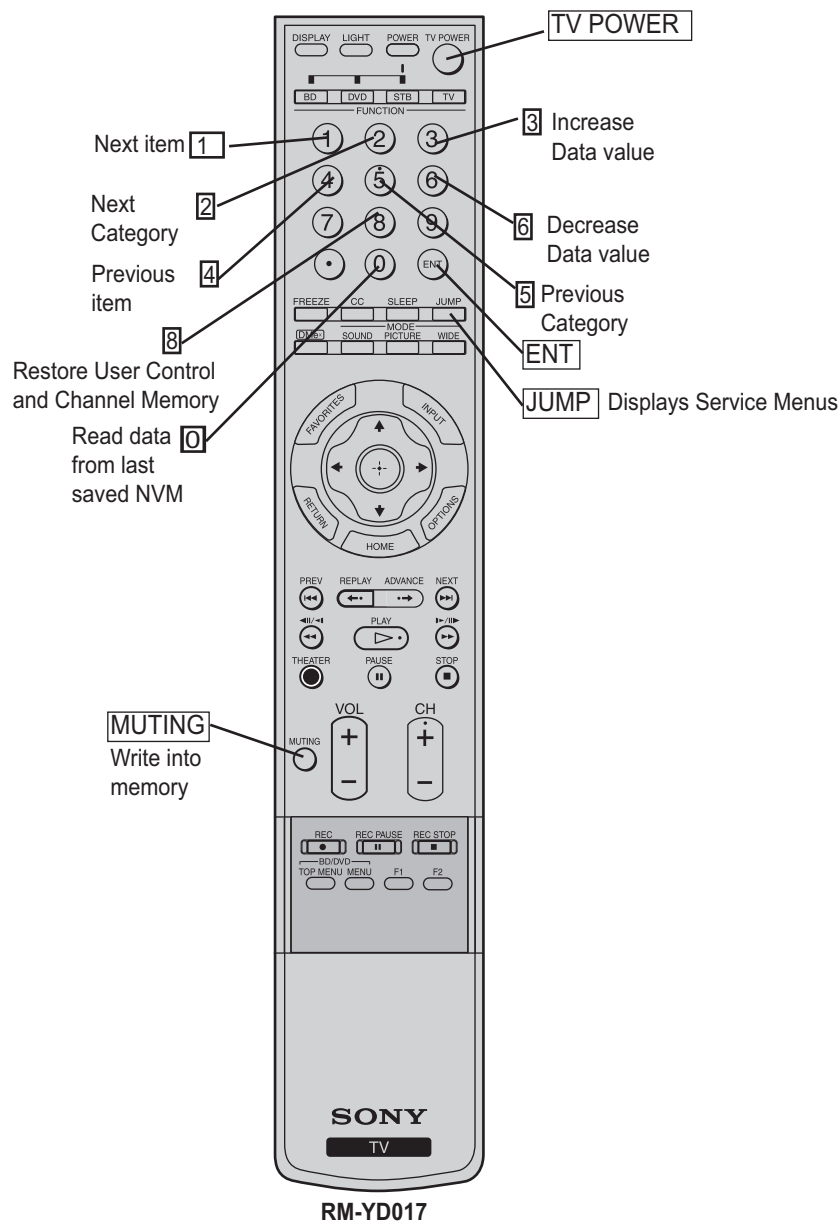
To change a category on one of the other service menus, press the **JUMP** button until the correct service menu is displayed.

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

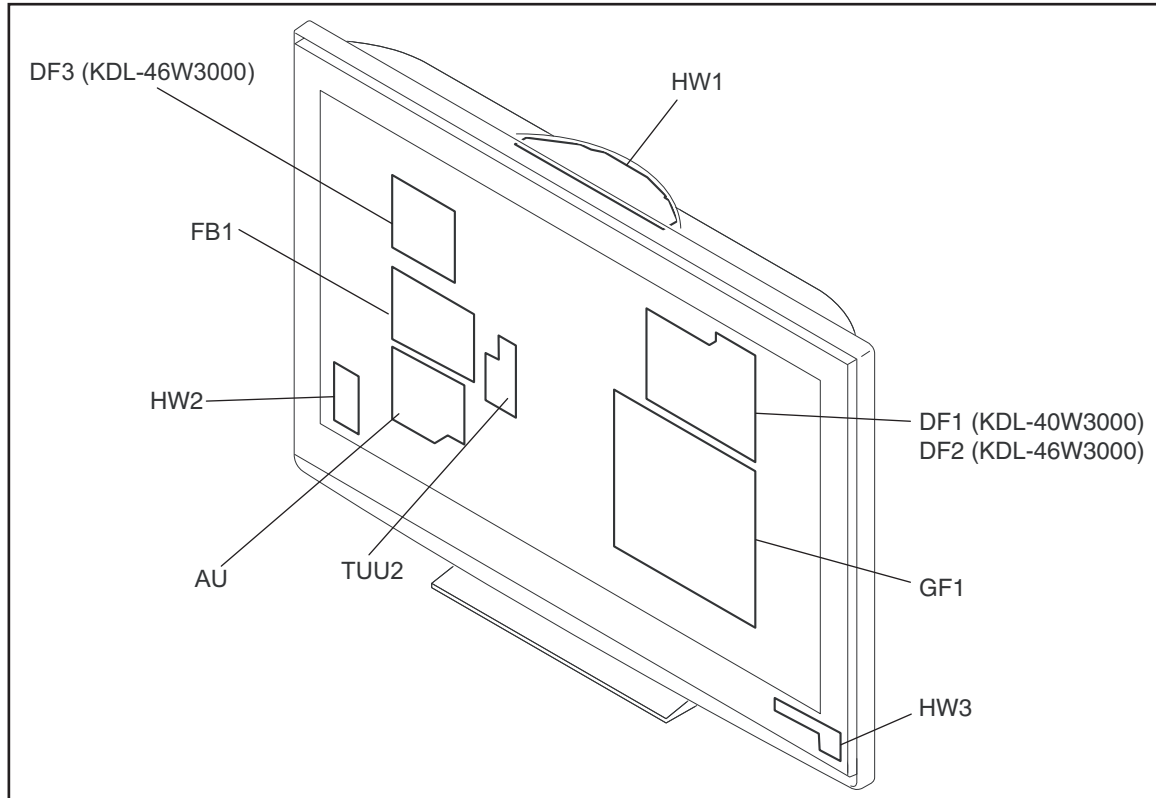
4. Using the [3] or [6] on the remote commander to increase or decrease the value, do one of the following:

If model size is 40"	Set to 0
If model size is 46"	Set to 1

5. To write into memory, press [MUTING] then [0] on the Remote Commander.
8. To exit service mode, press [TV POWER].

## 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.  $\text{pF}$  :  $\mu\text{F}$  50V 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  symbol are critical for safety. Replace only with part number specified.

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

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

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

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

## REFERENCE INFORMATION

### RESISTOR

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

### CAPACITOR

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

### COIL

: LF-8L MICRO INDUCTOR

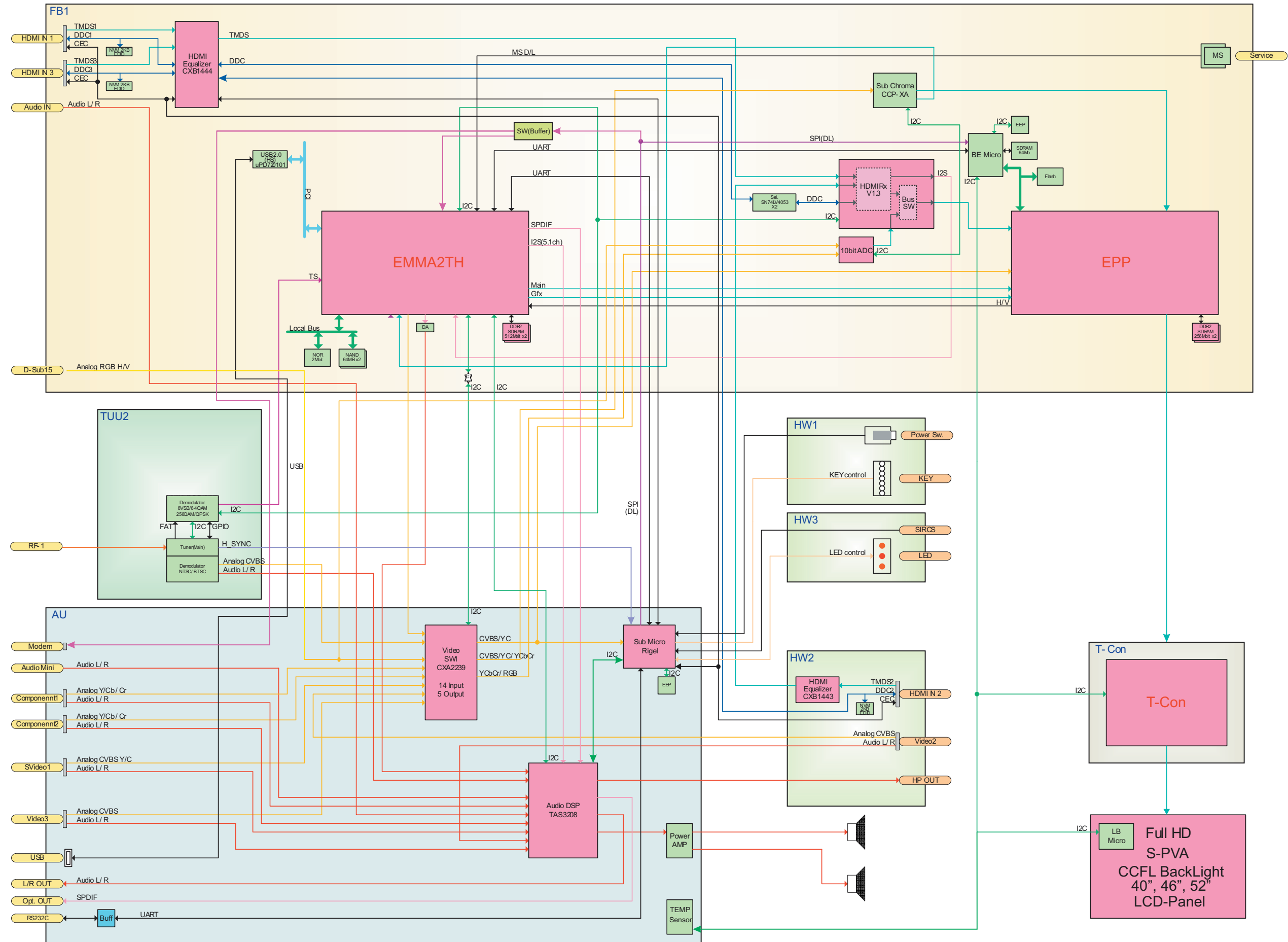
## Terminal name of semiconductors in silk screen printed circuit (※)

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

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

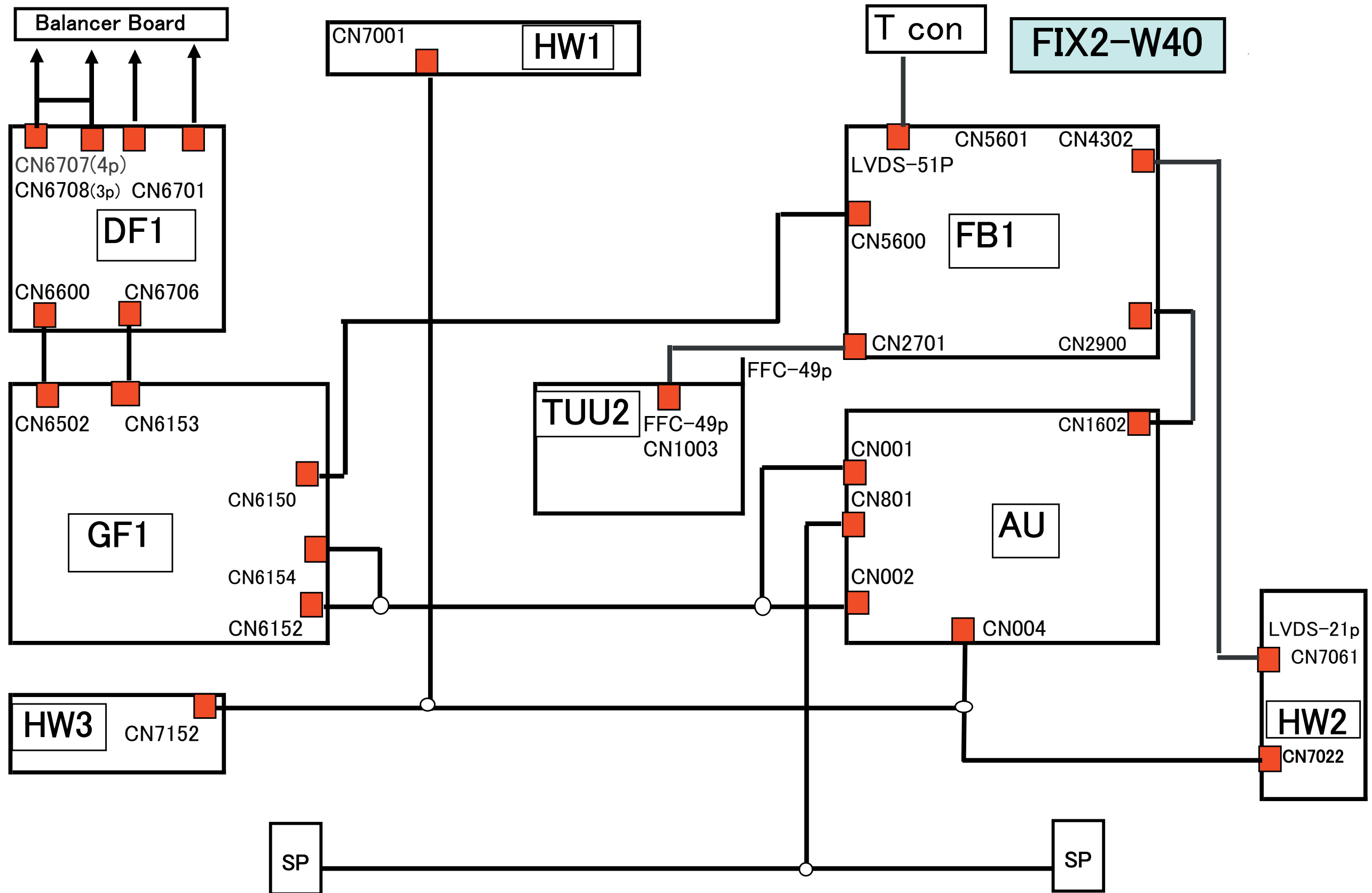
Ver.1.6

3-3. BLOCK DIAGRAM

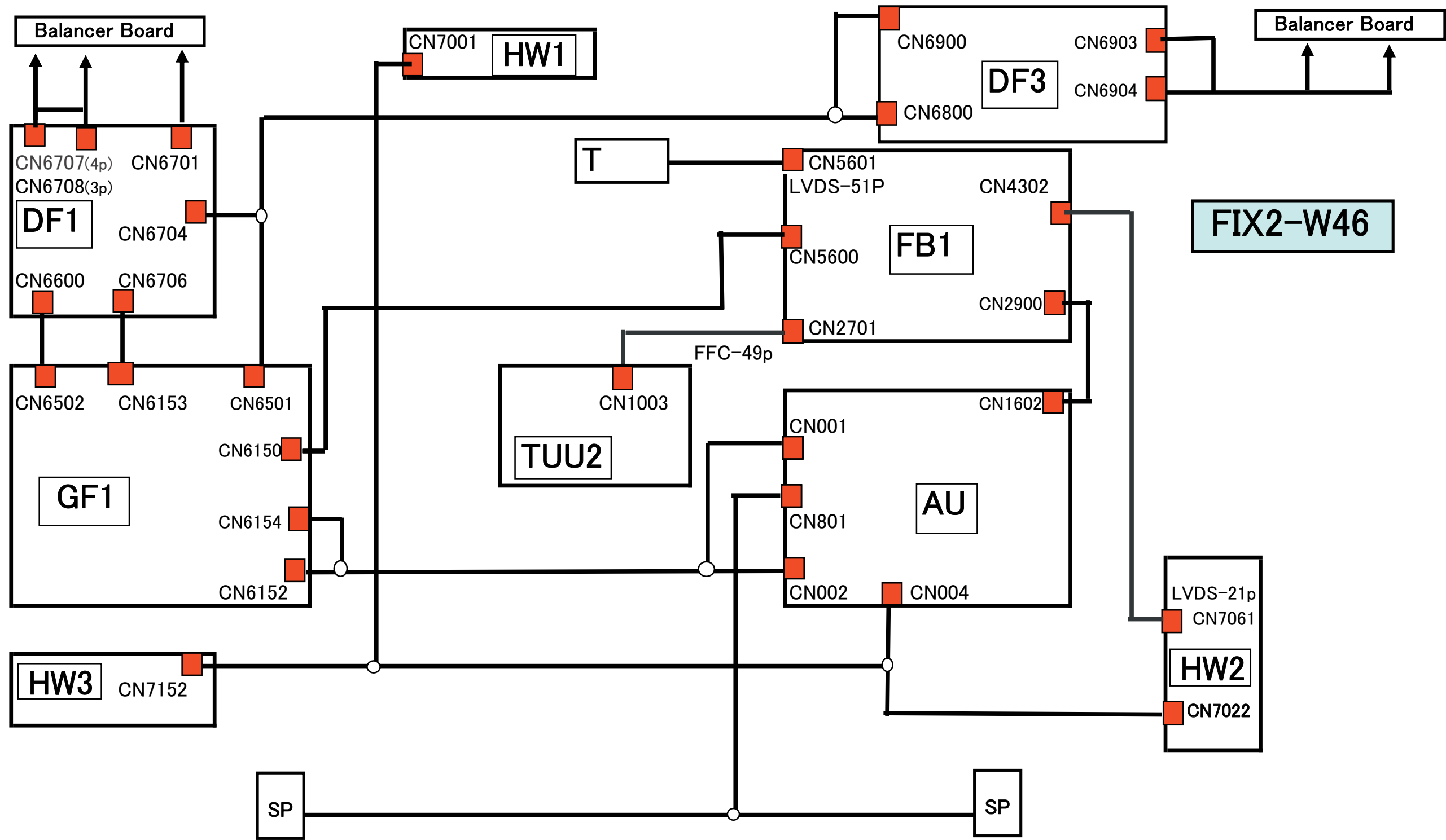




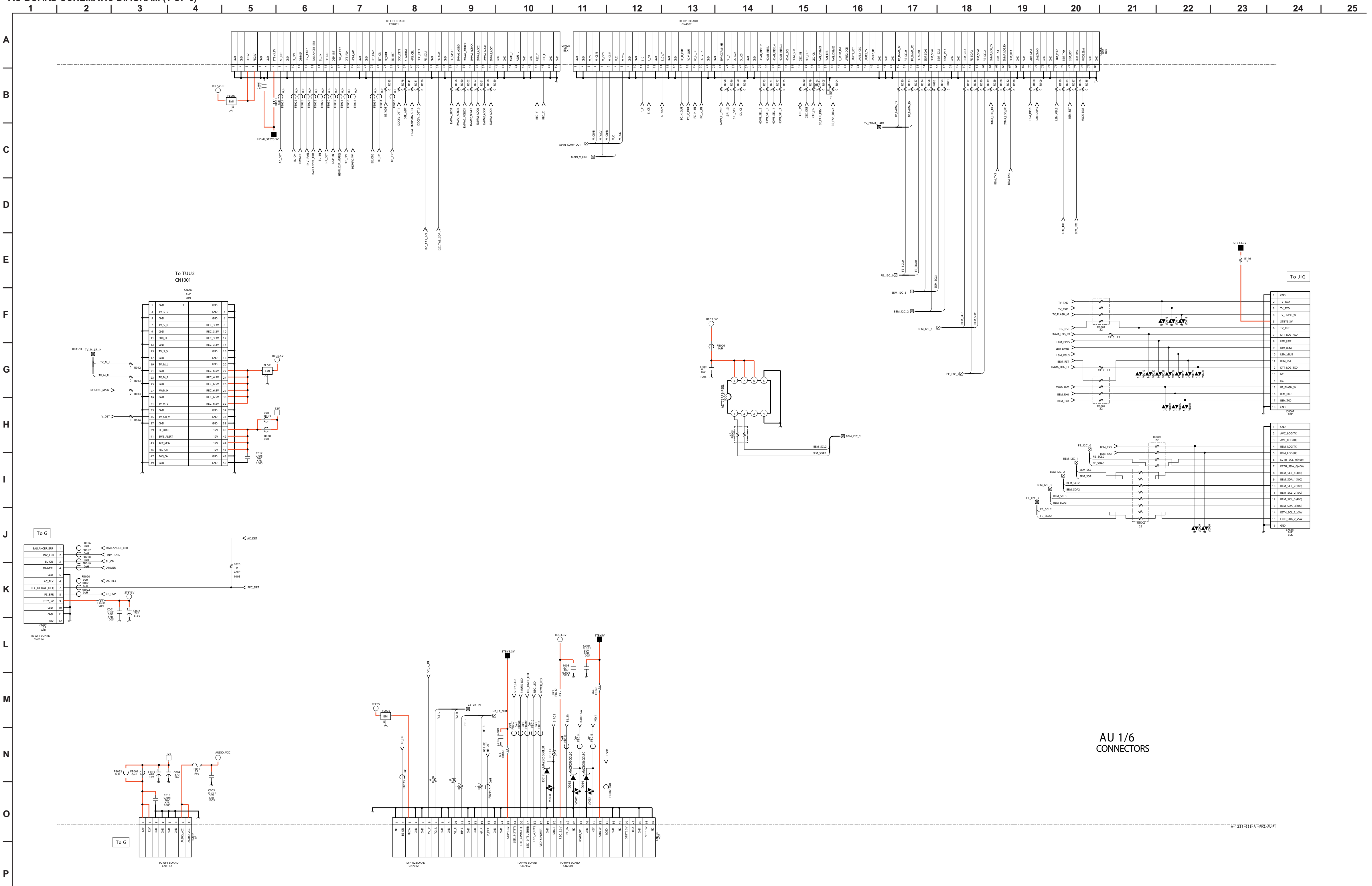
3-3-1. CONNECTOR DIAGRAM (KDL-40W3000 ONLY)



3-3-2. CONNECTOR DIAGRAM (KDL-46W3000 ONLY)



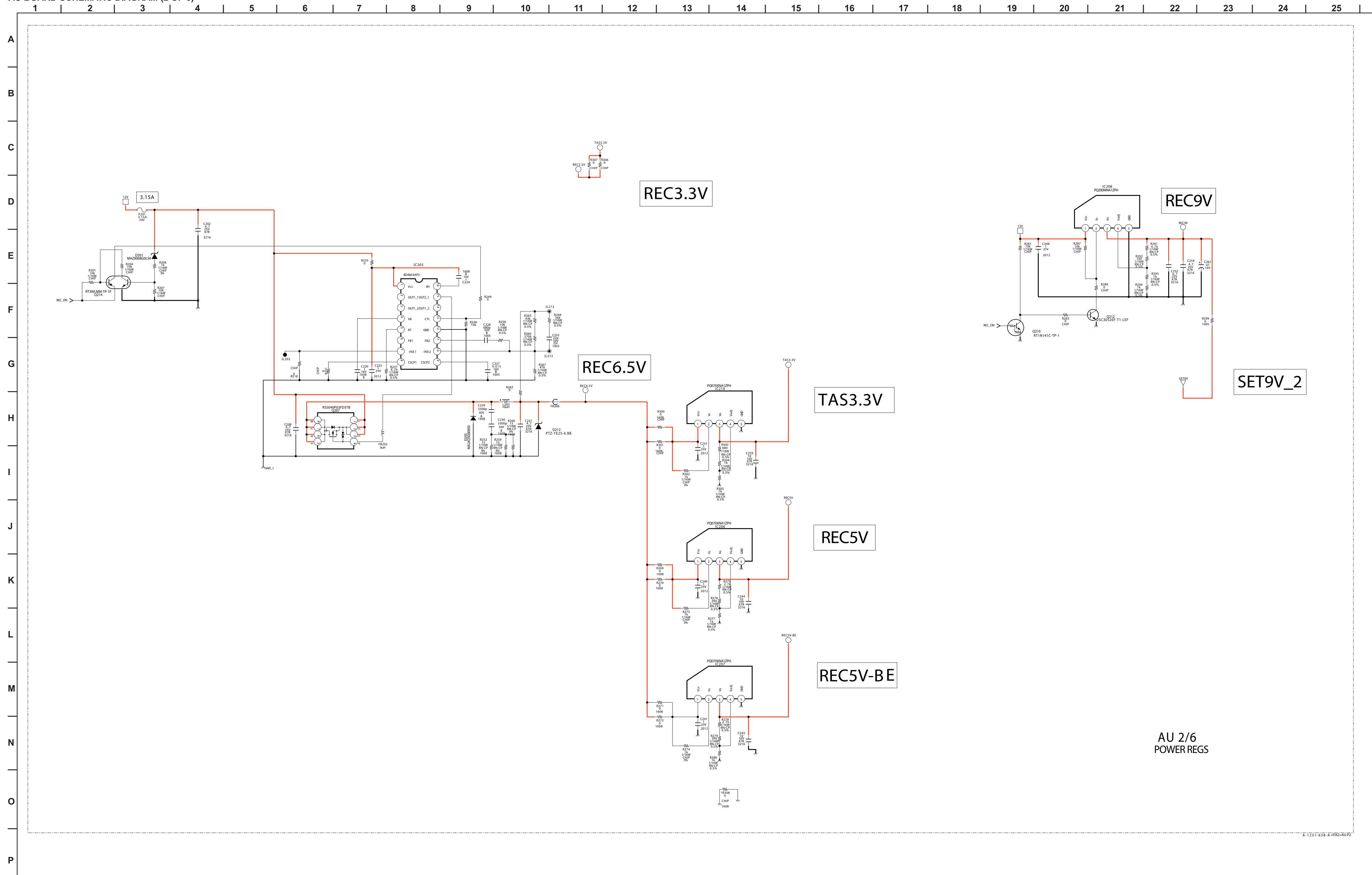
3-4. SCHEMATICS AND SUPPORTING INFORMATION  
AU BOARD SCHEMATIC DIAGRAM (1 OF 6)



AU 1/6  
CONNECTORS

A-1231-638-A-0802-AU-01

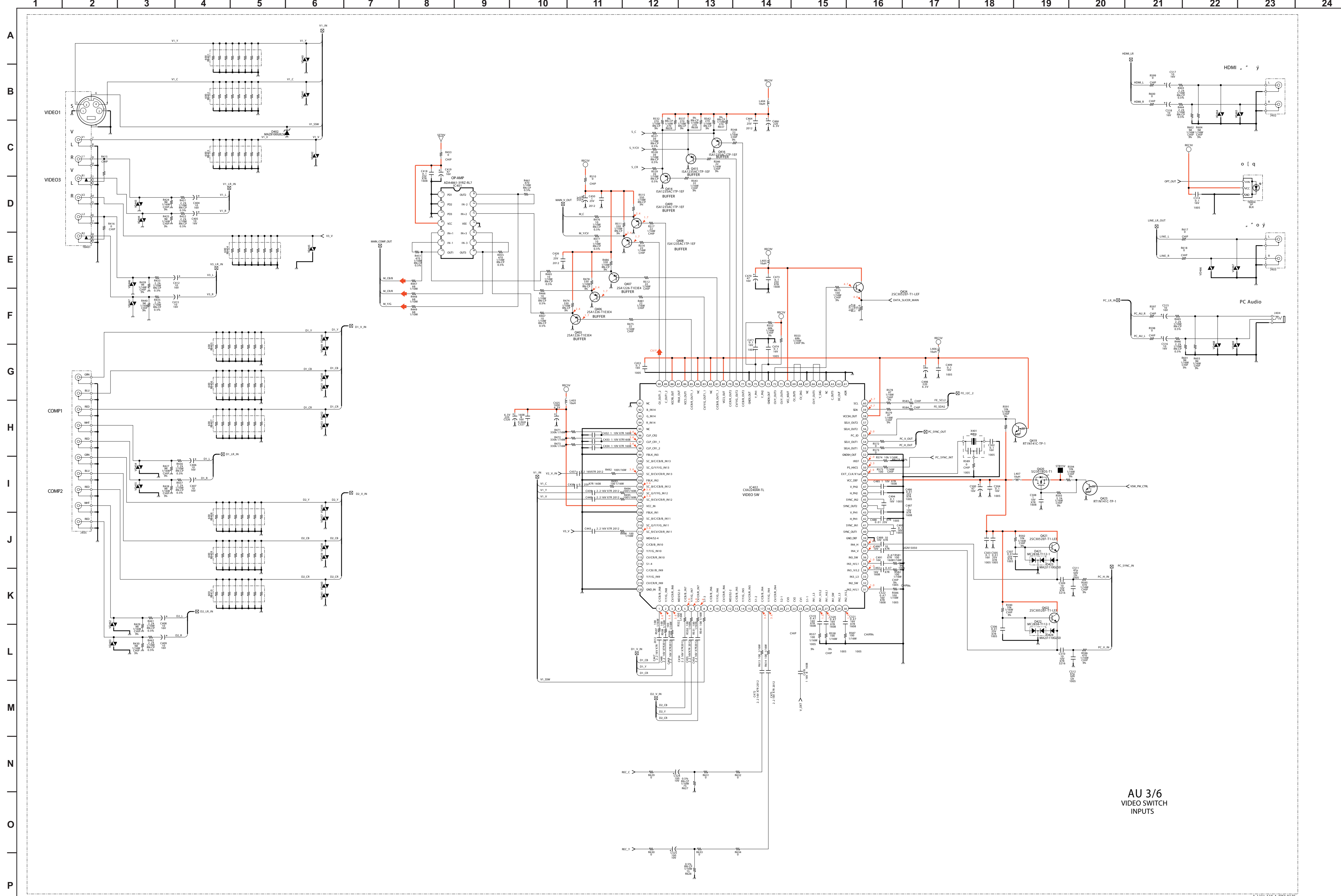
AU BOARD SCHEMATIC DIAGRAM (2 OF 6)



AU 2/6  
POWER REGS

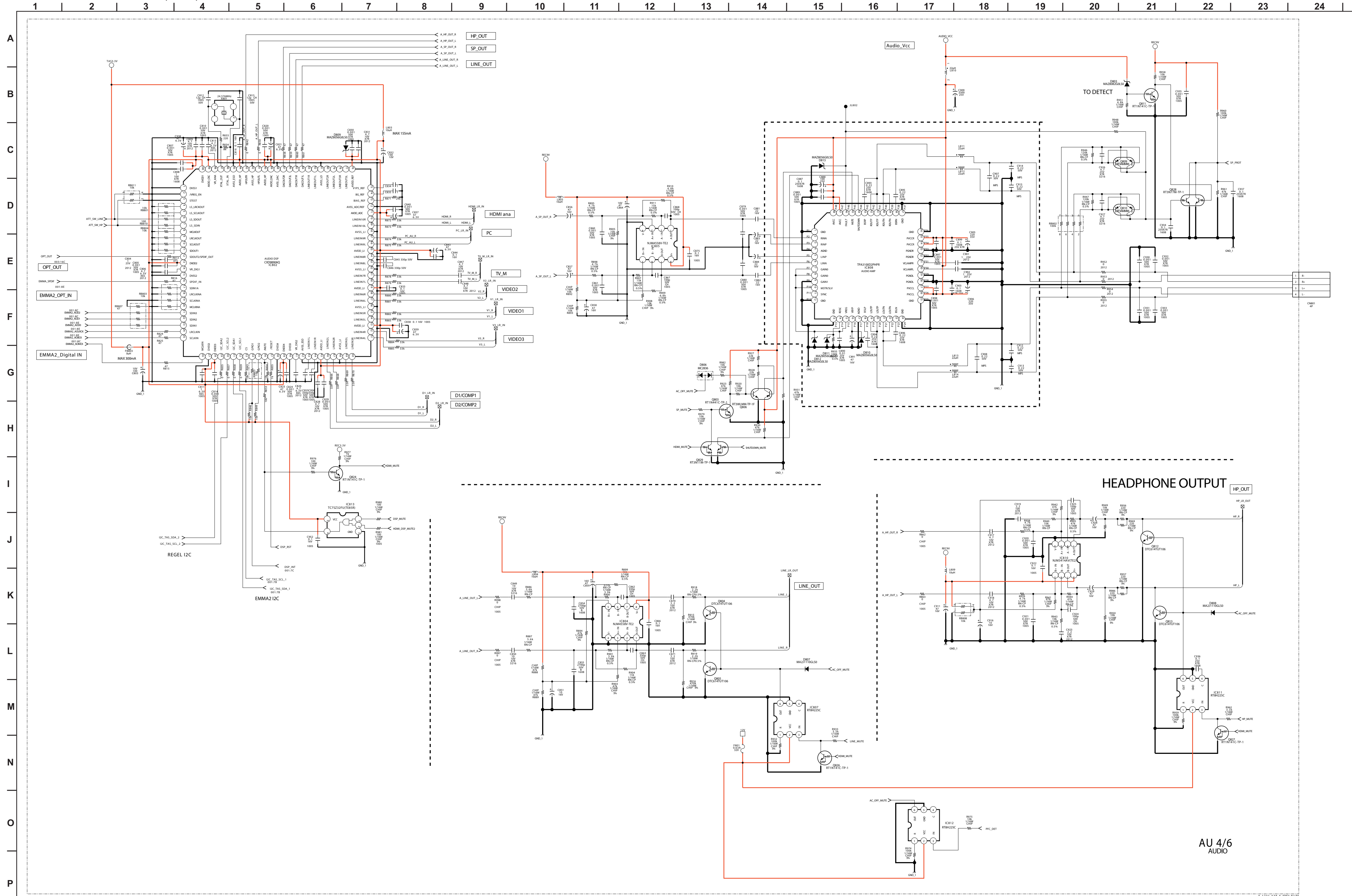
A:1231-616-A-002-00/02

AU BOARD SCHEMATIC DIAGRAM (3 OF 6)



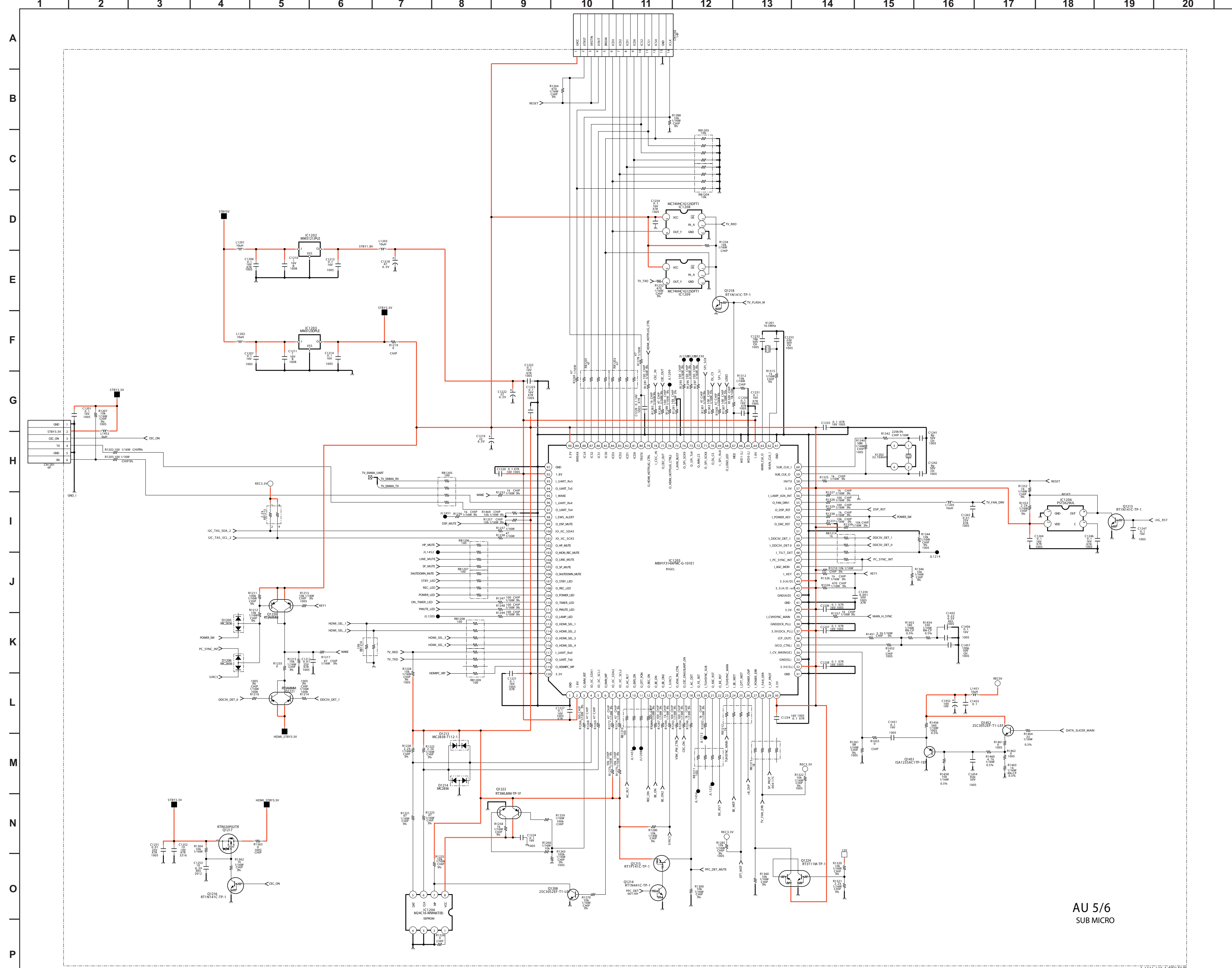
AU 3/6 VIDEO SWITCH INPUTS

AU BOARD SCHEMATIC DIAGRAM (4 OF 6)



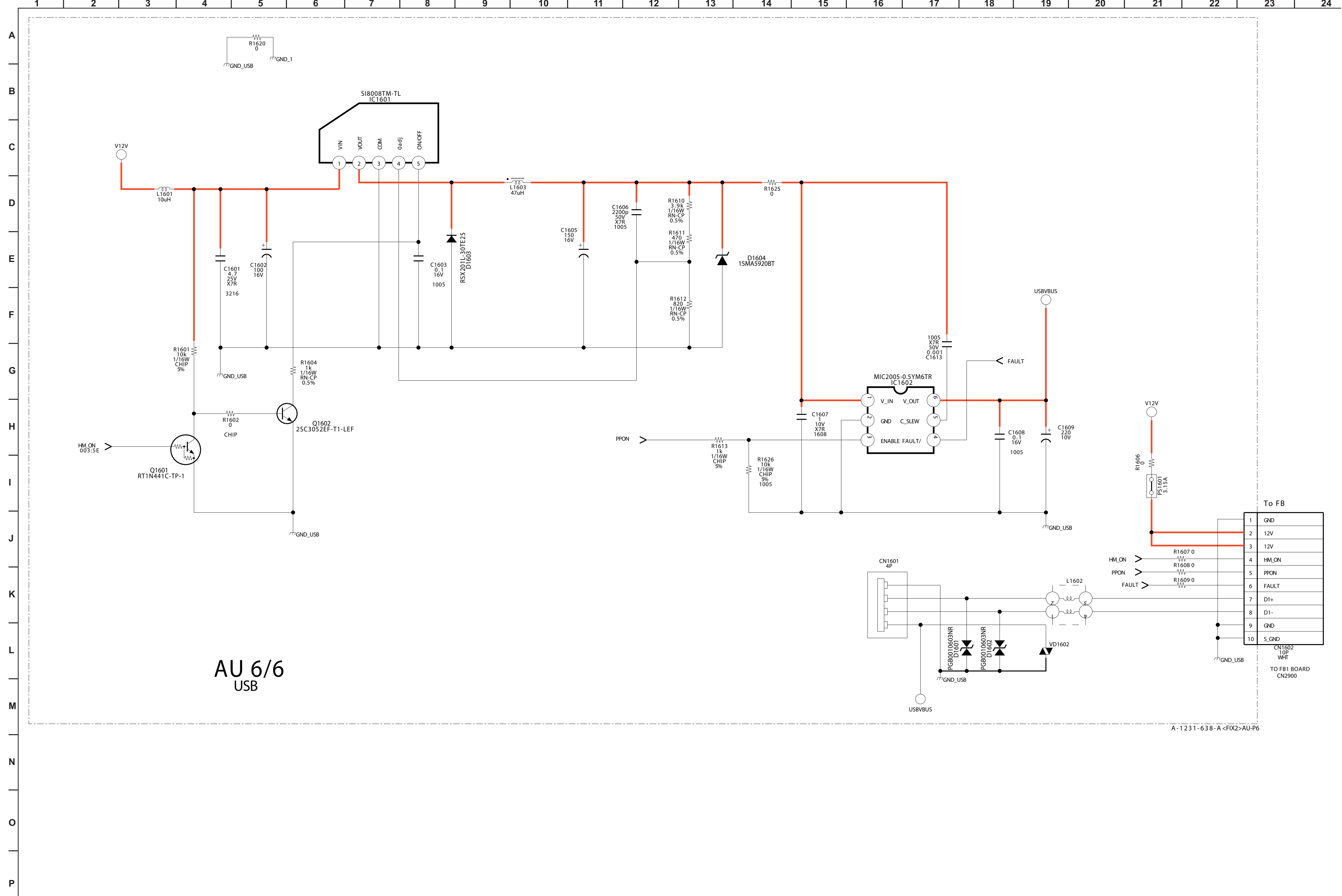
AU 4/6 AUDIO

AU BOARD SCHEMATIC DIAGRAM (5 OF 6)



AU 5/6  
SUB MICRO

AU BOARD SCHEMATIC DIAGRAM (6 OF 6)



AU 6/6  
USB

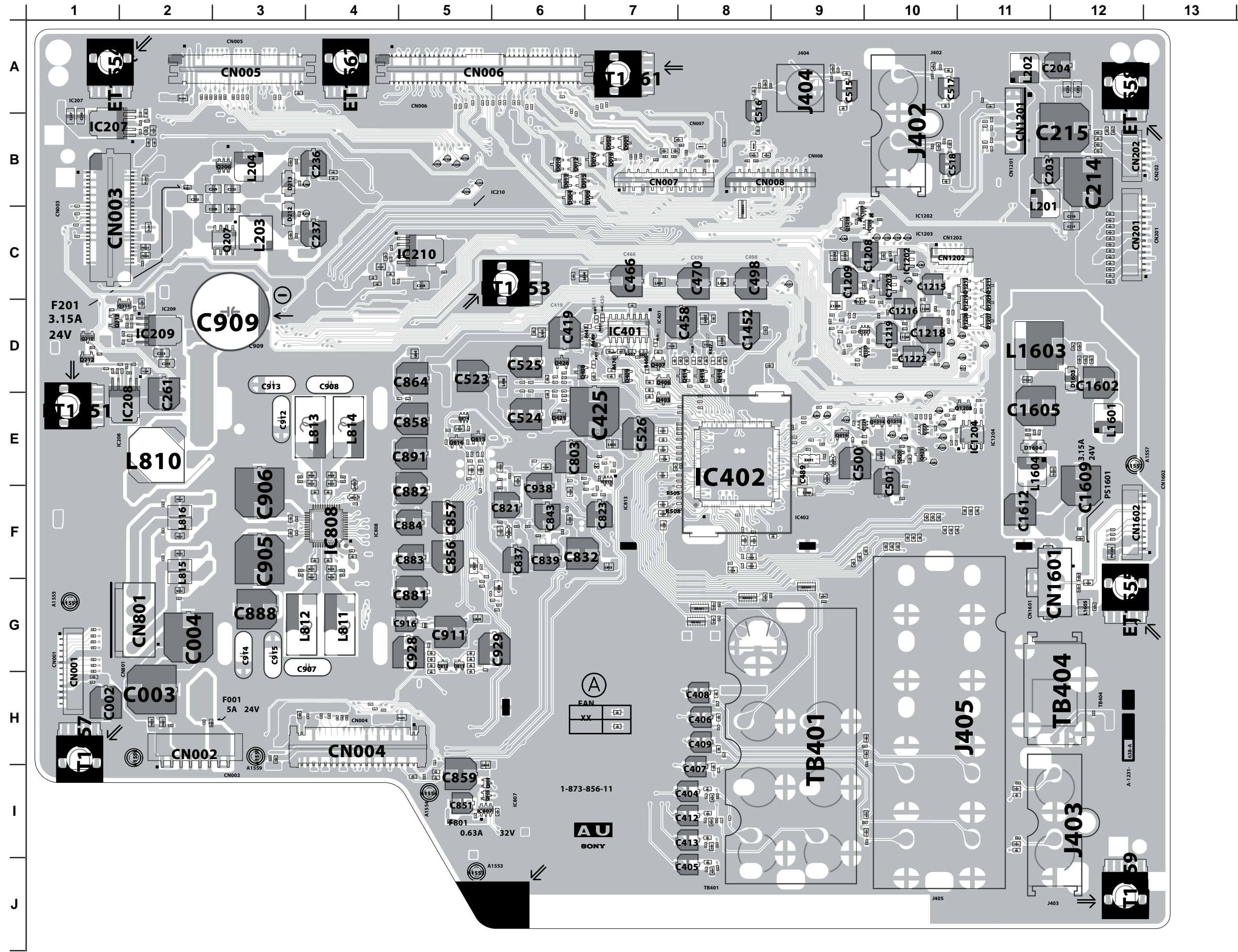
A-1231-638-A <FIX2>AU-P6





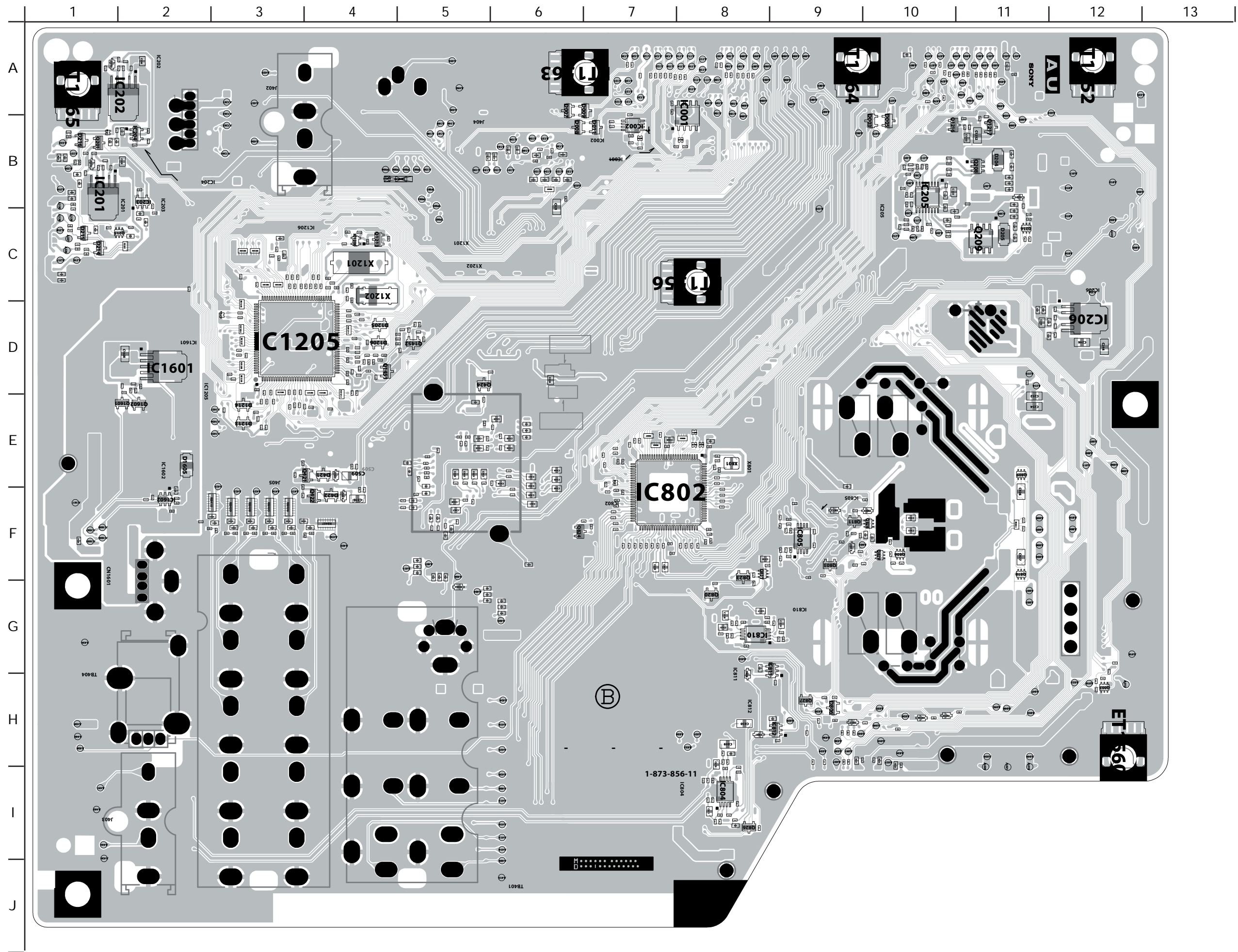
[CONNECTORS, POWER REGS, VIDEO SWITCH INPUTS, AUDIO, SUB MICRO, USB]

COMPONENT SIDE

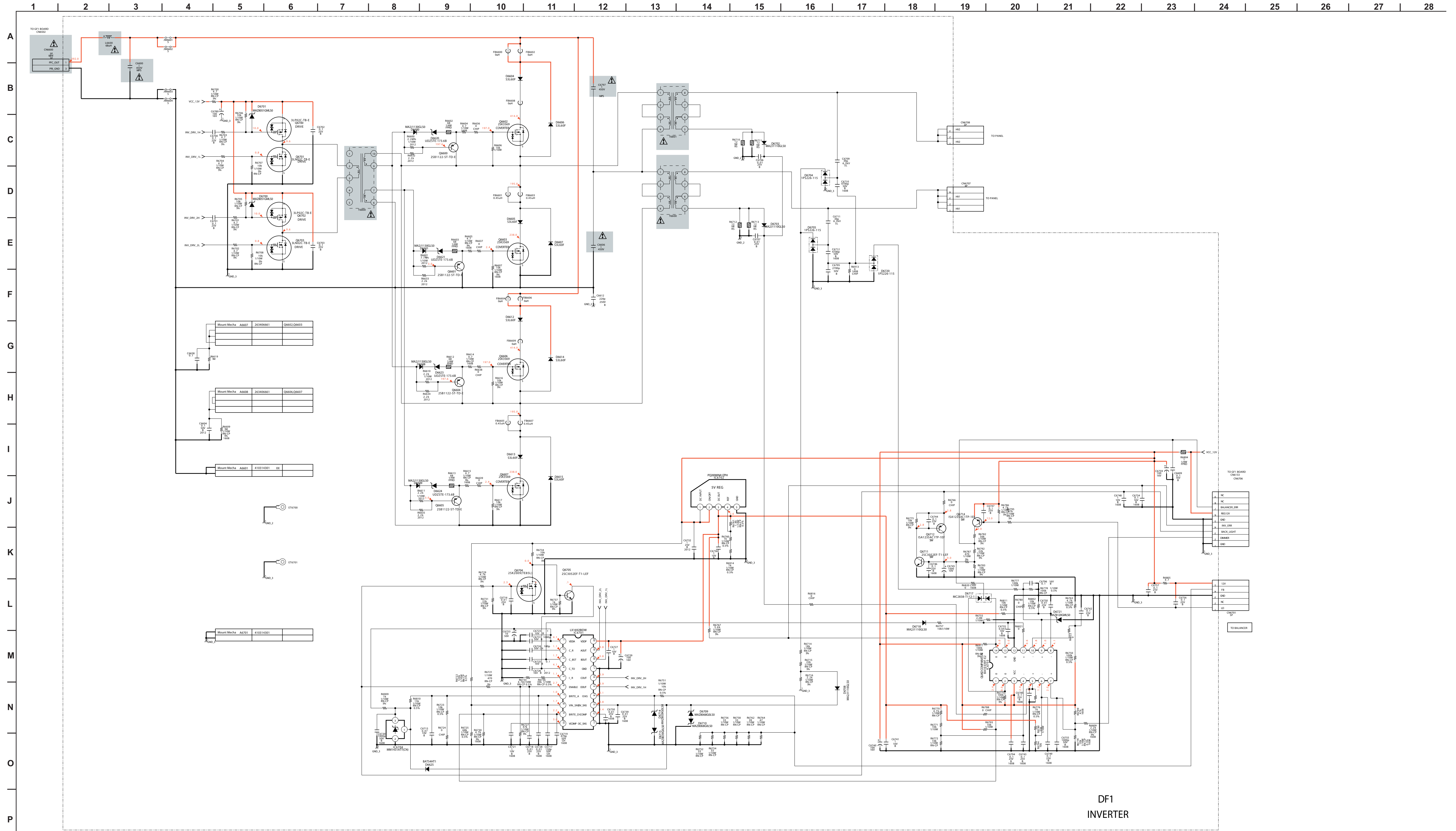


[CONNECTORS, POWER REGS, VIDEO SWITCH INPUTS, AUDIO, SUB MICRO, USB]

CONDUCTOR SIDE



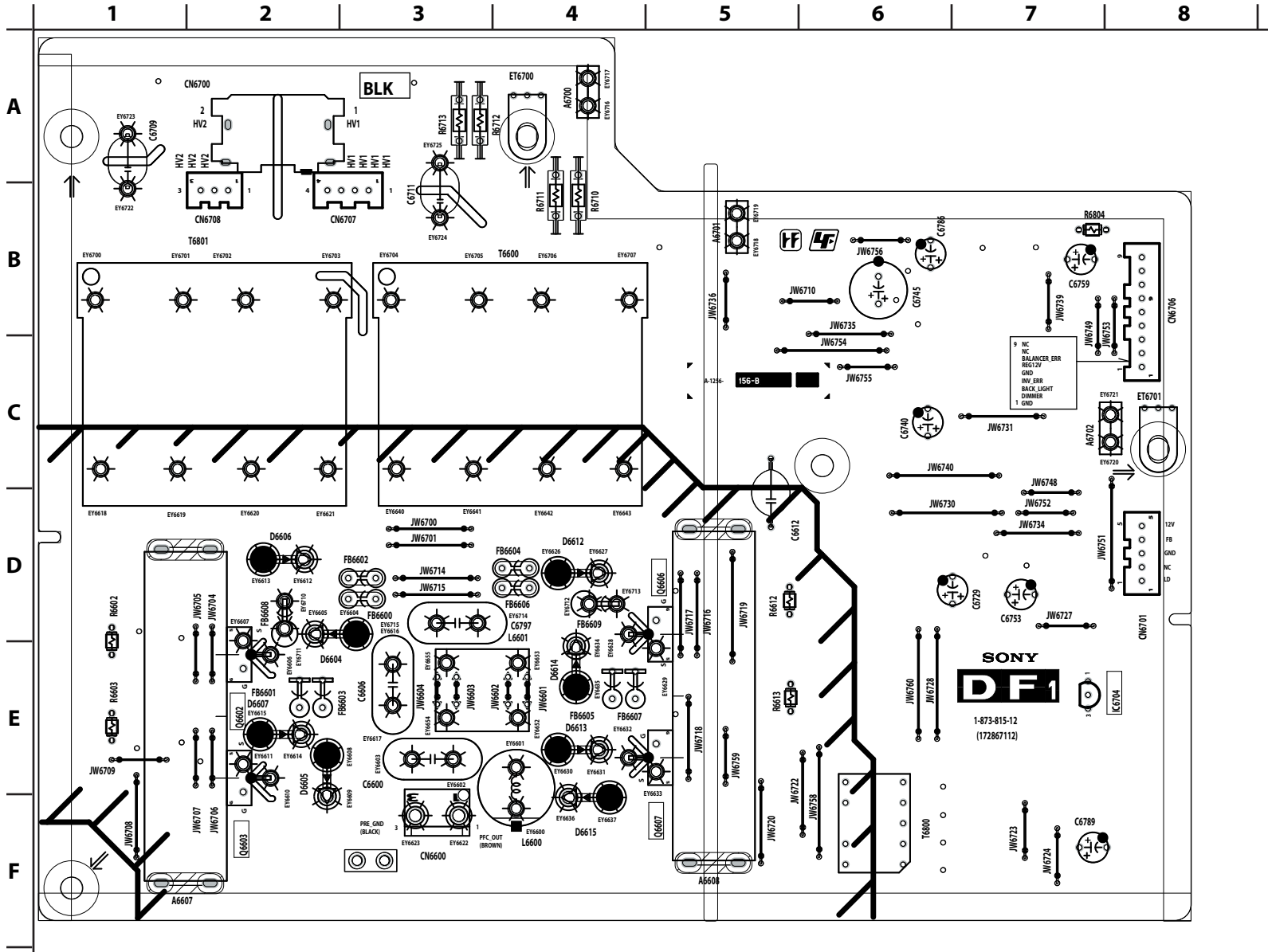
DF1 BOARD SCHEMATIC DIAGRAM (KDL-40W3000 ONLY)



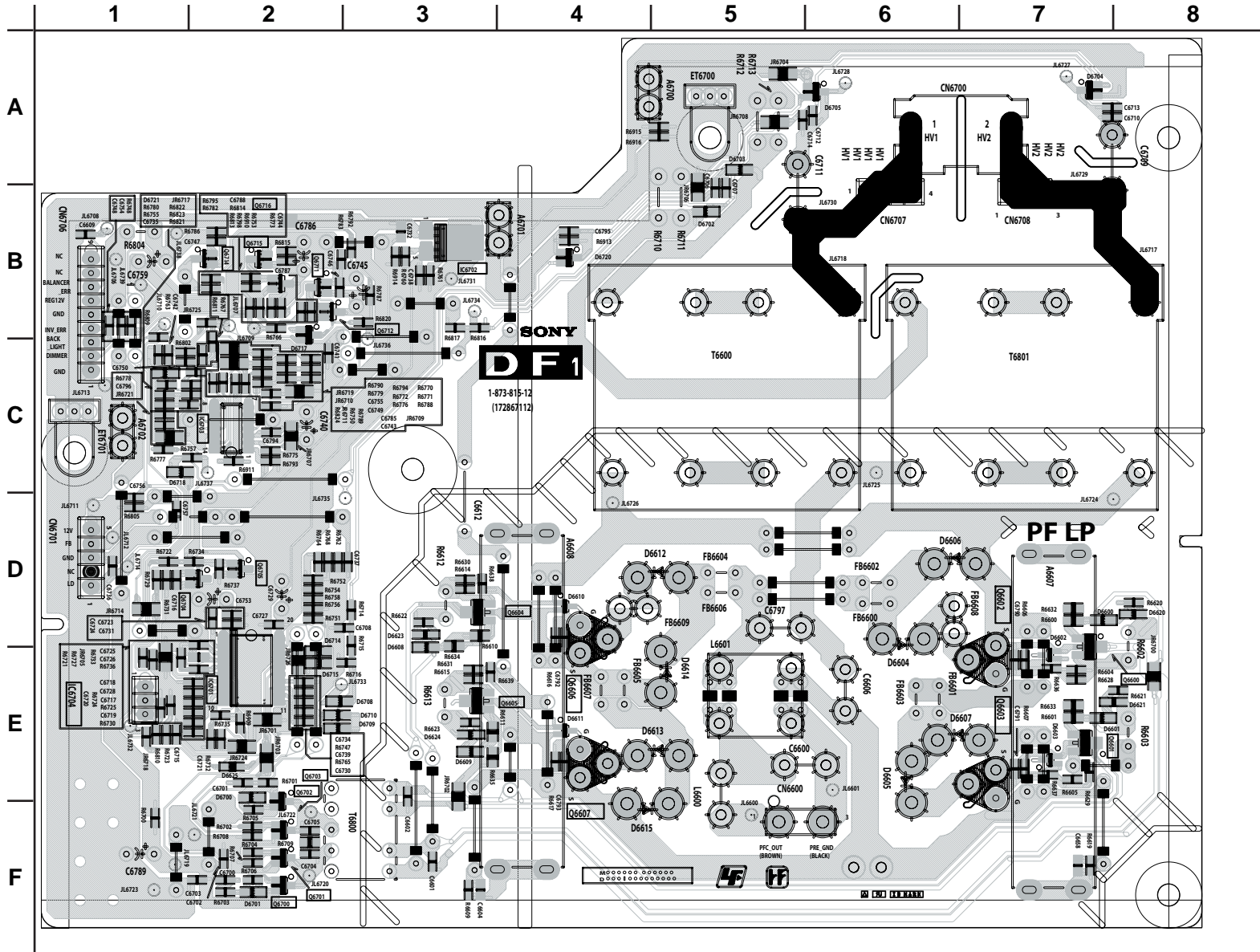
DF1  
INVERTER

A1256-156-B-V032001

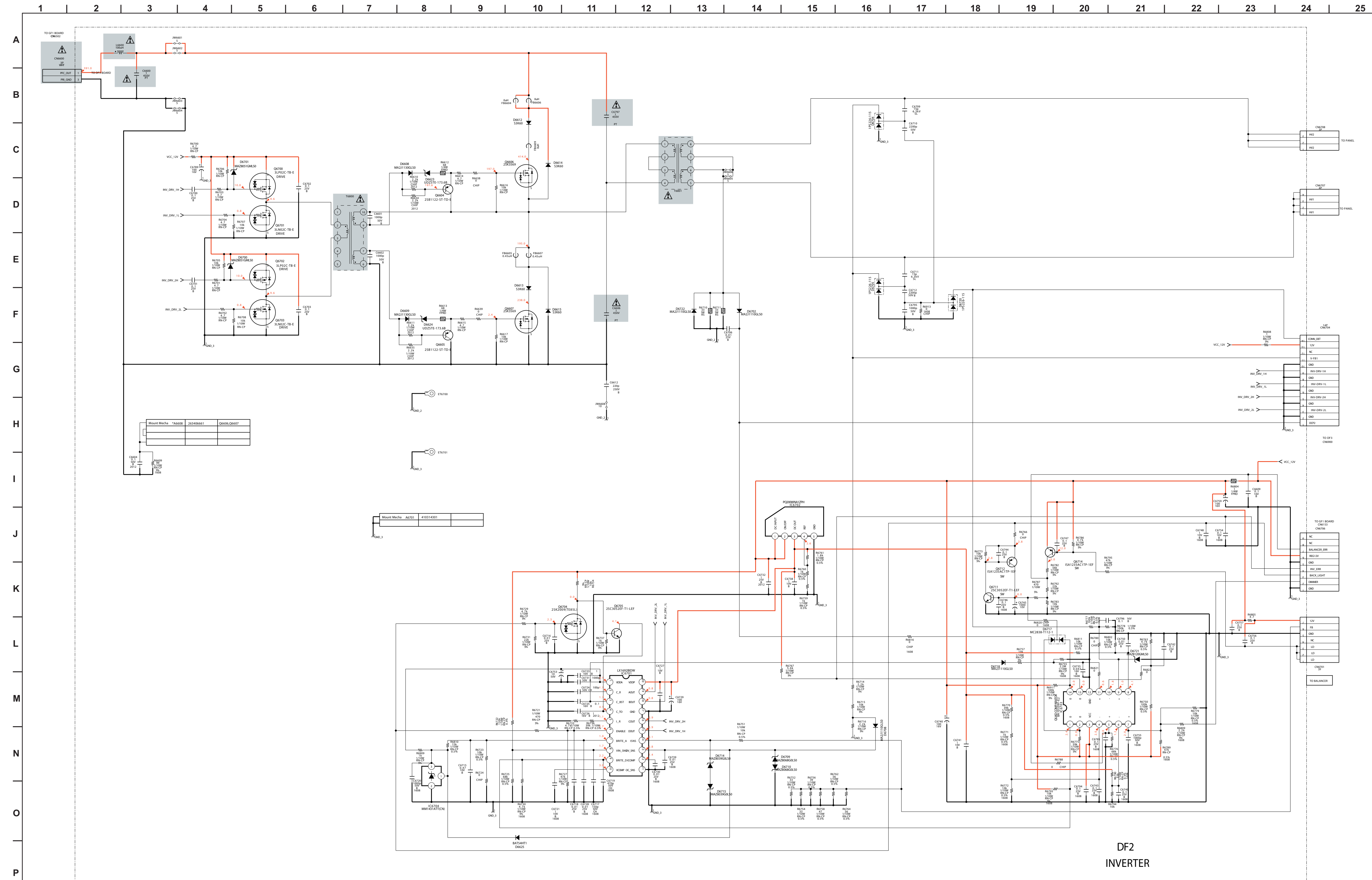
**DF1** [INVERTER]  
**COMPONENT SIDE**



# DF1 [INVERTER] CONDUCTOR SIDE



DF2 BOARD SCHEMATIC DIAGRAM (KDL-46W3000 ONLY)

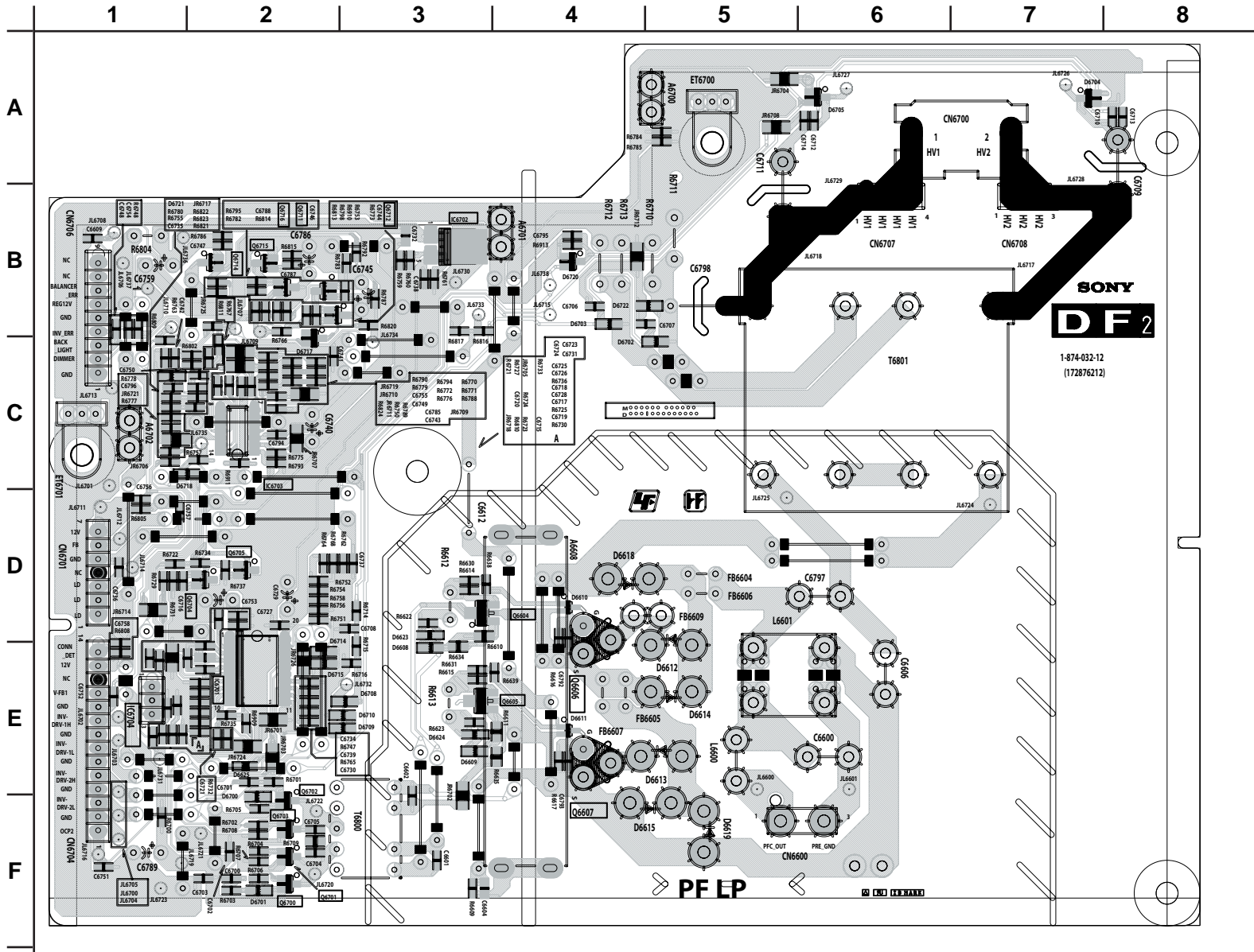


DF2  
INVERTER

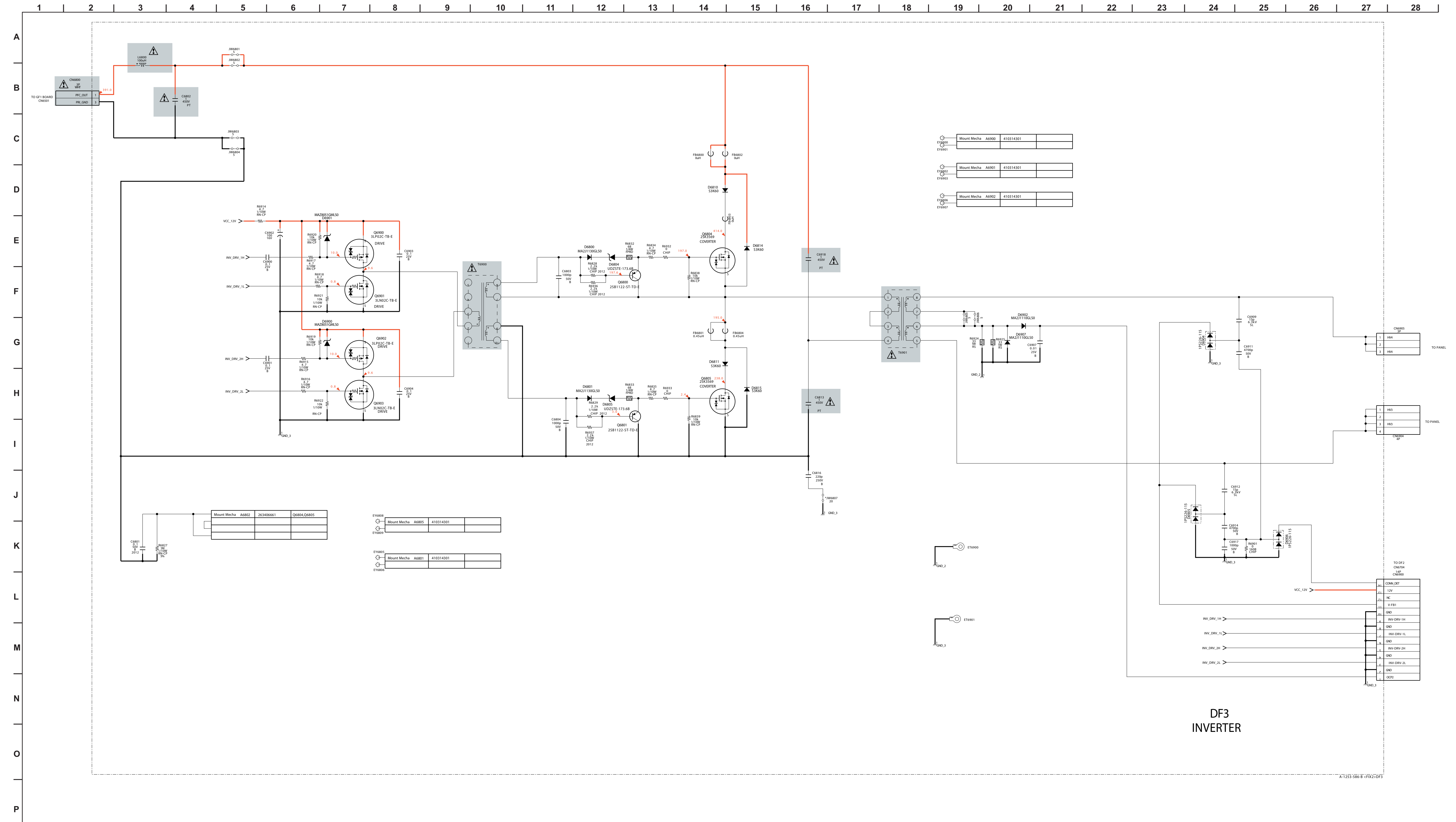
A1215-001-B-01K2-002



# DF2 [INVERTER] CONDUCTOR SIDE

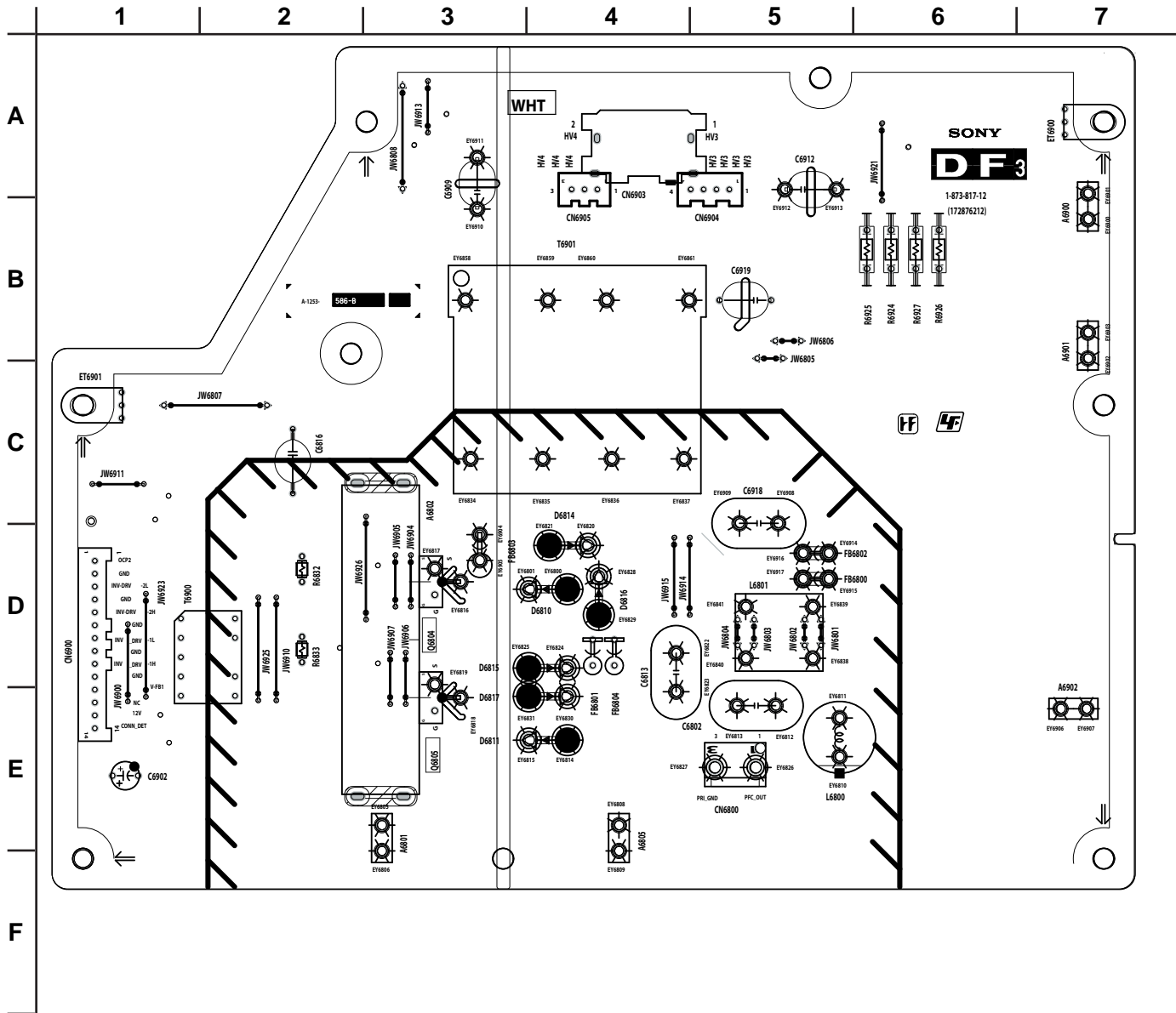


DF3 BOARD SCHEMATIC DIAGRAM (KDL-46W3000 ONLY)

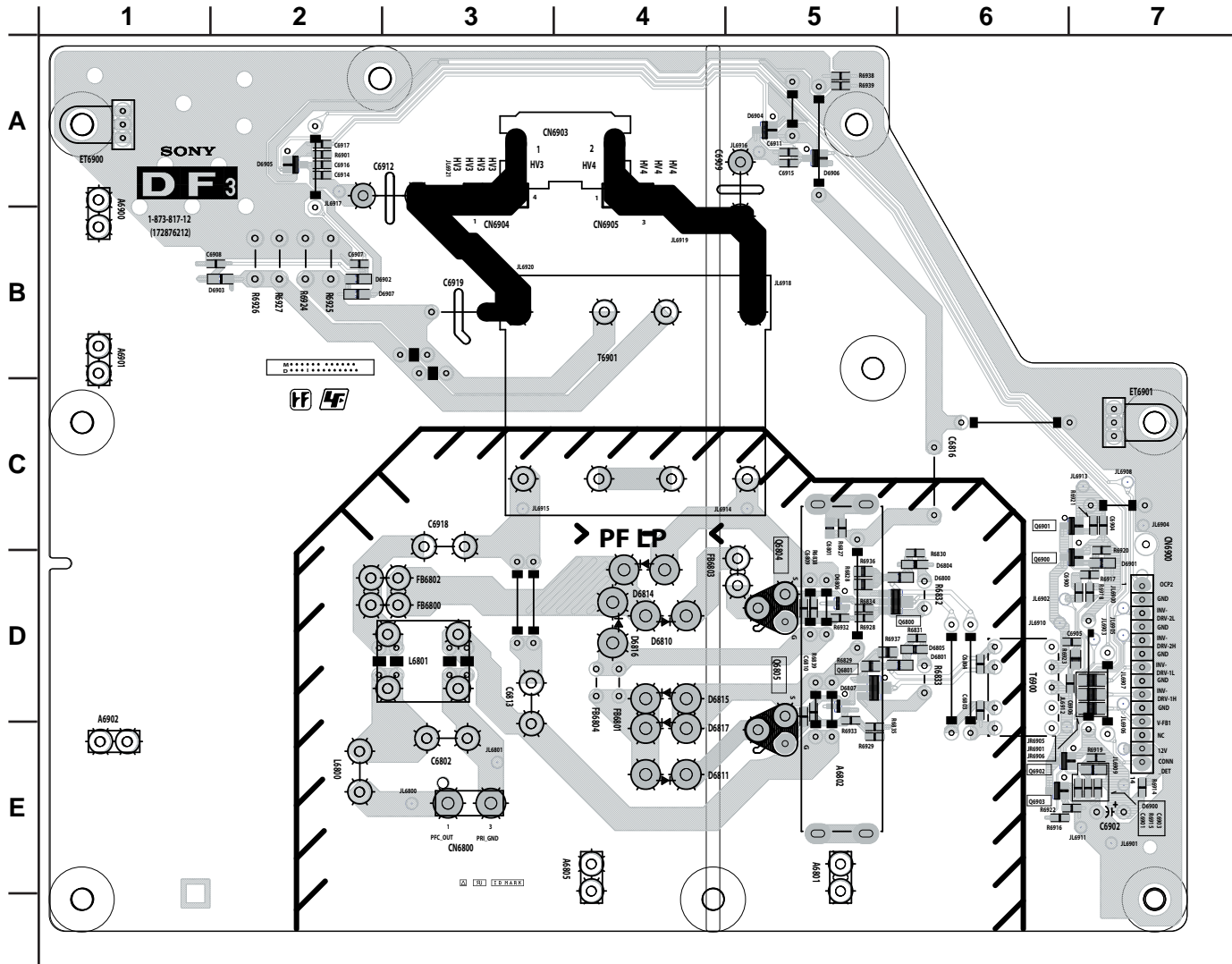




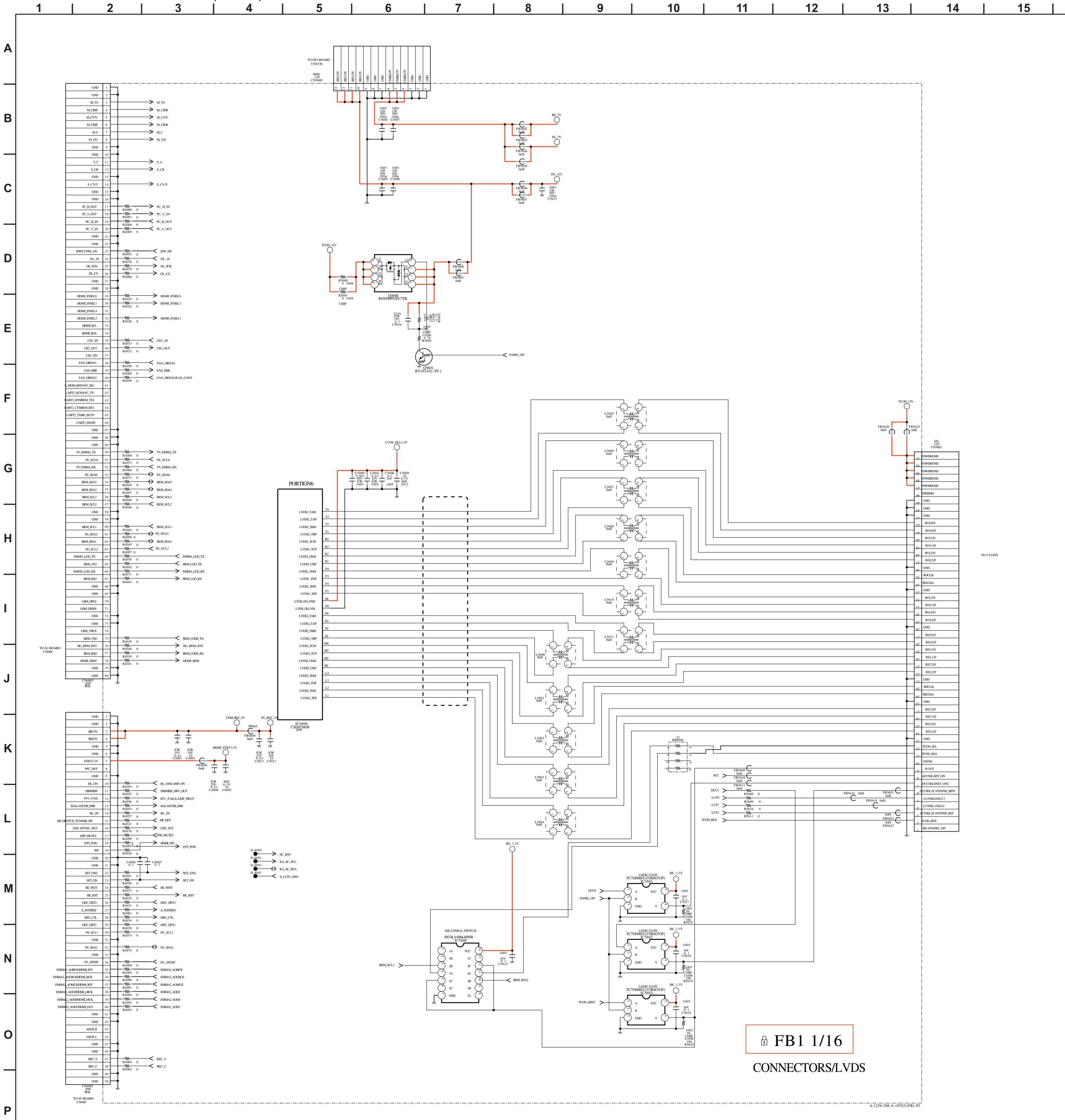
# DF3 [INVERTER] COMPONENT SIDE



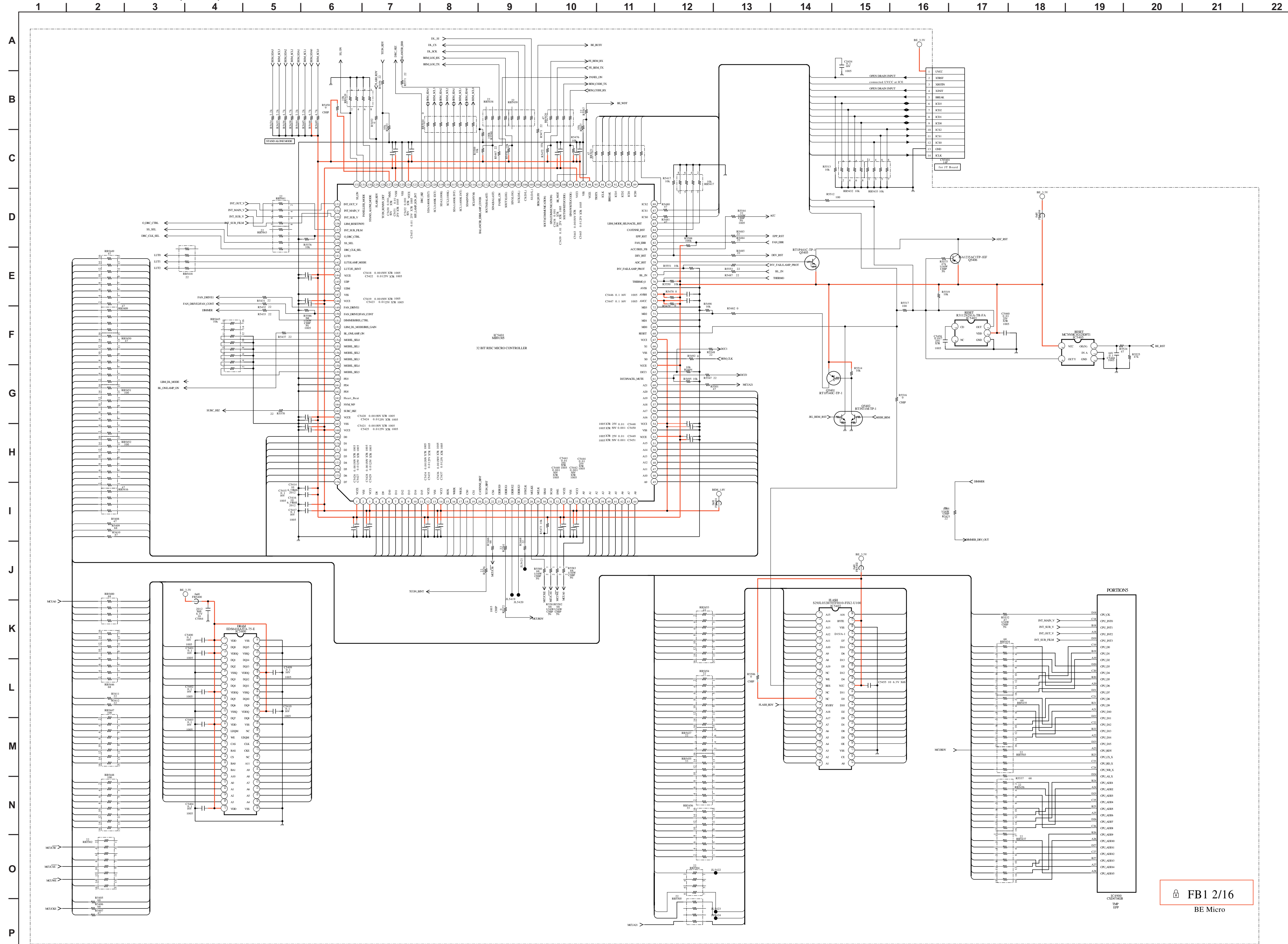
**DF3** [INVERTER]  
**CONDUCTOR SIDE**



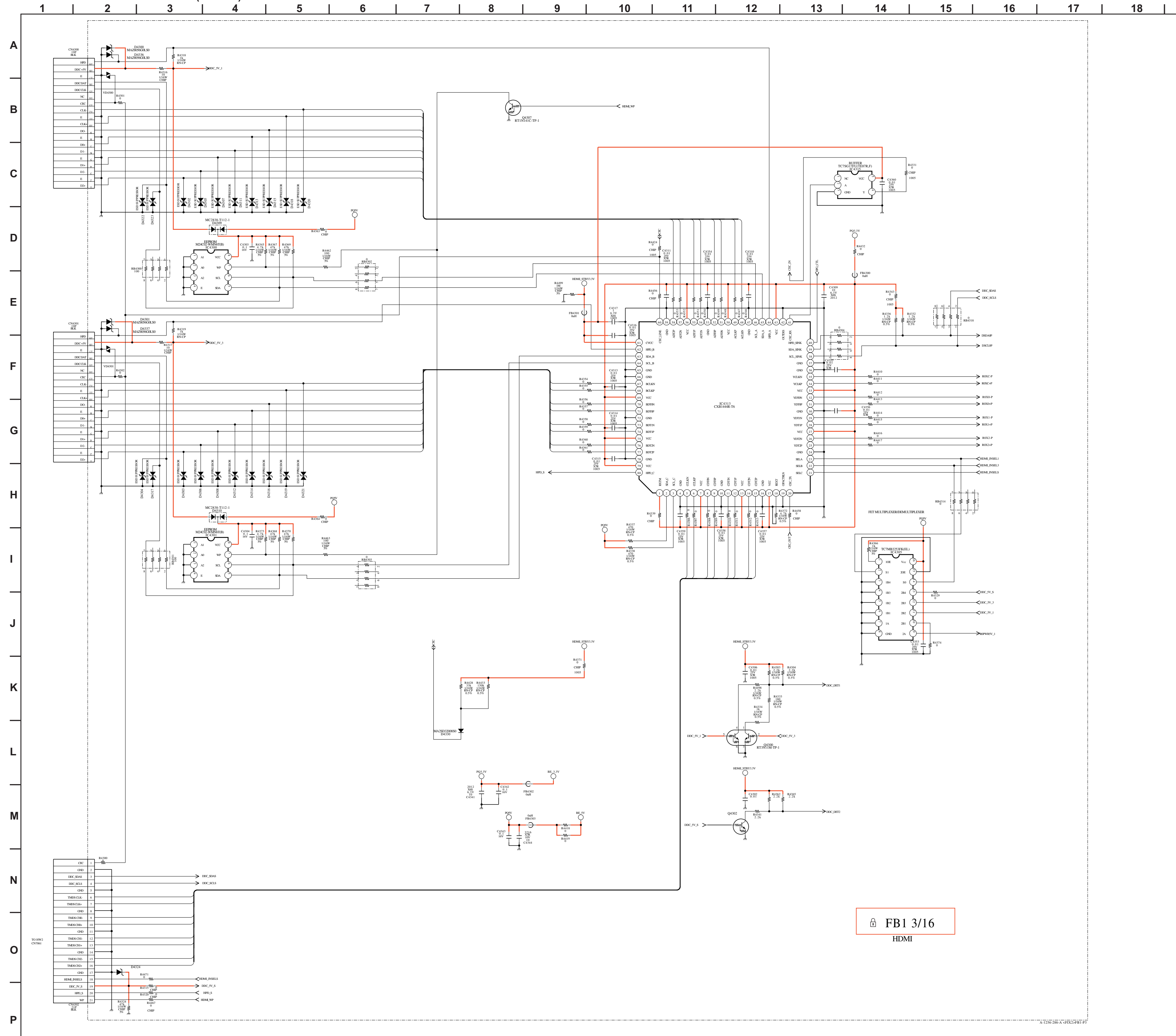
FB1 BOARD SCHEMATIC DIAGRAM (1 OF 16)



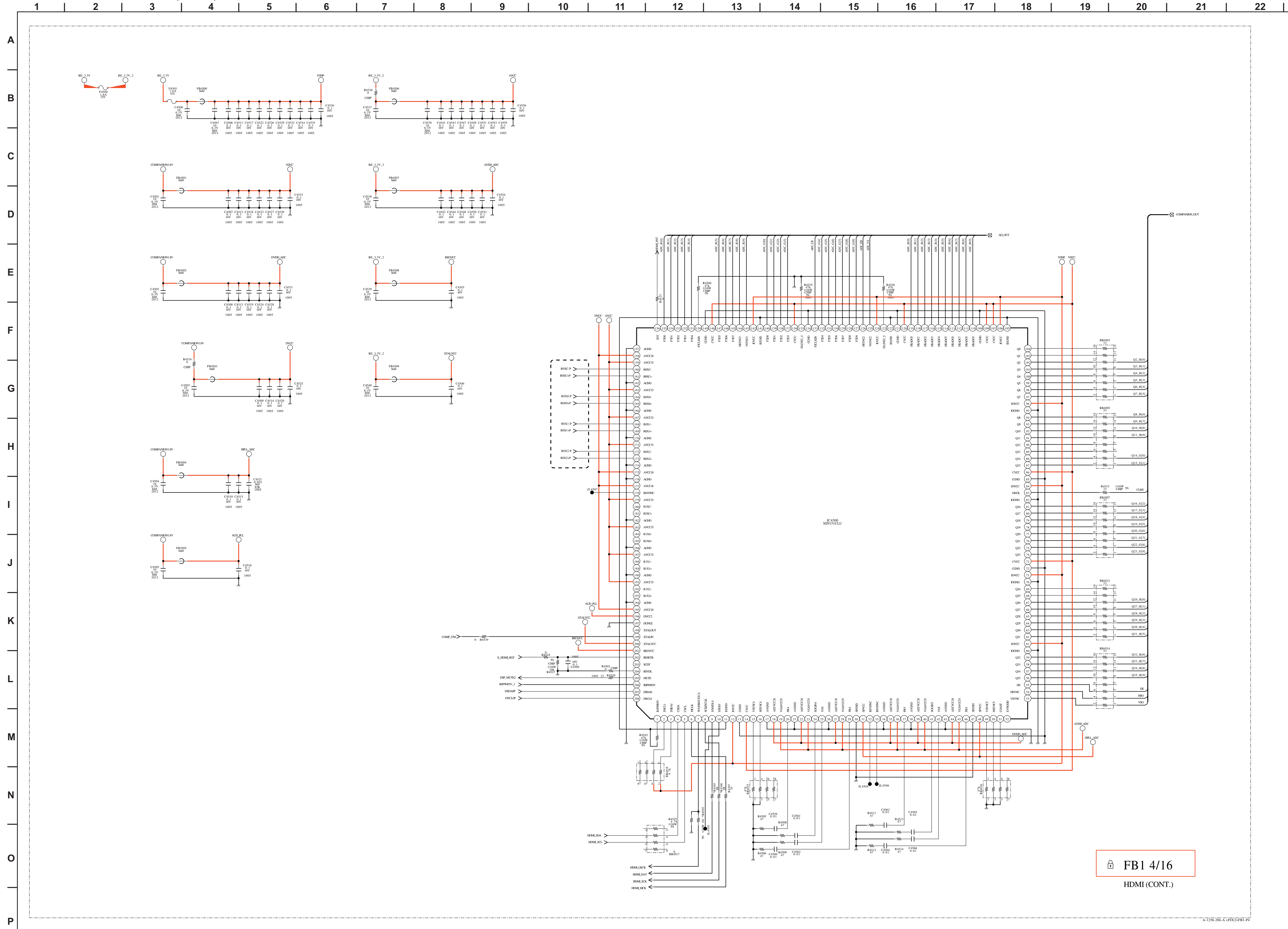
FB1 BOARD SCHEMATIC DIAGRAM (2 OF 16)



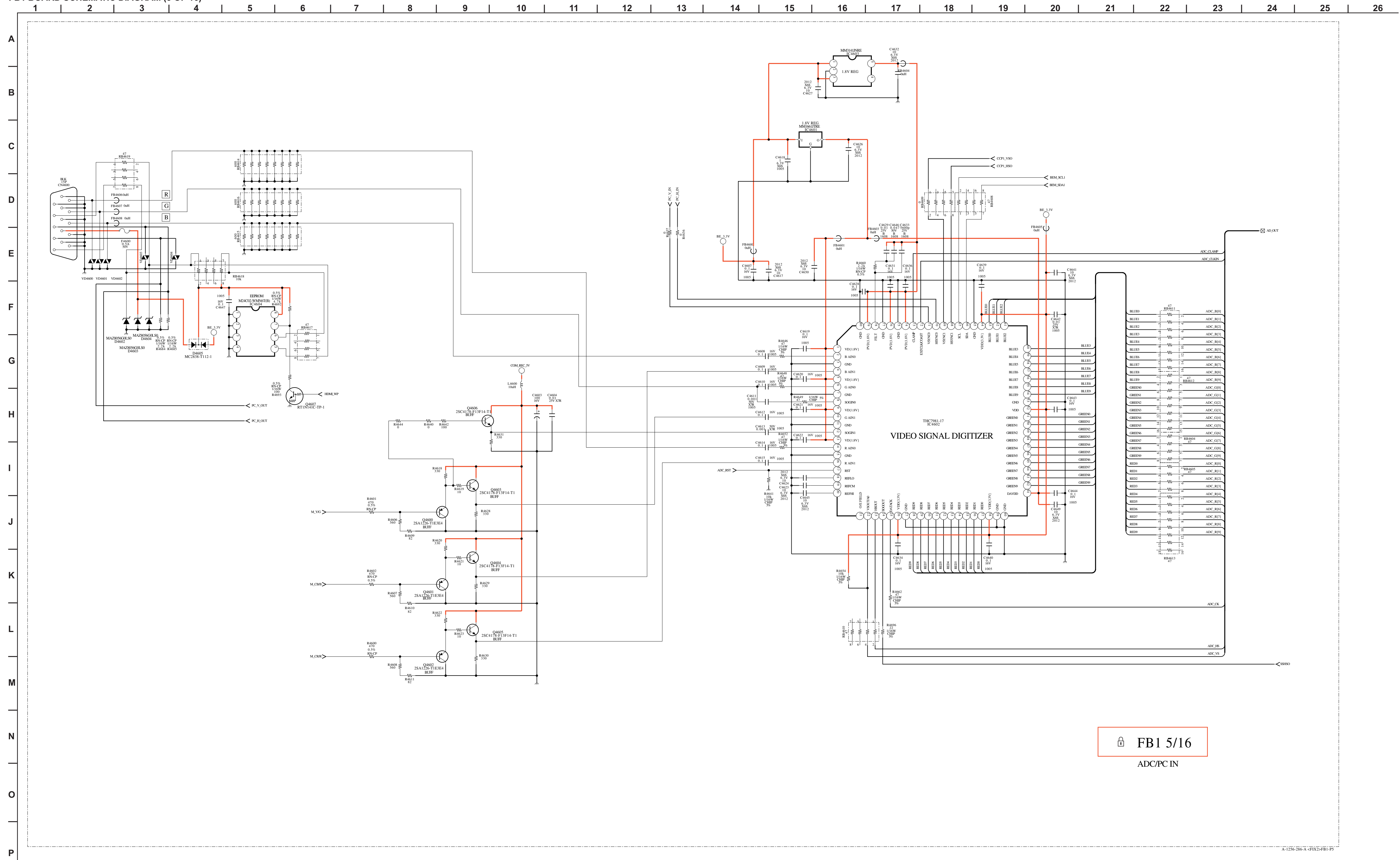
FB1 BOARD SCHEMATIC DIAGRAM (3 OF 16)



FB1 BOARD SCHEMATIC DIAGRAM (4 OF 16)



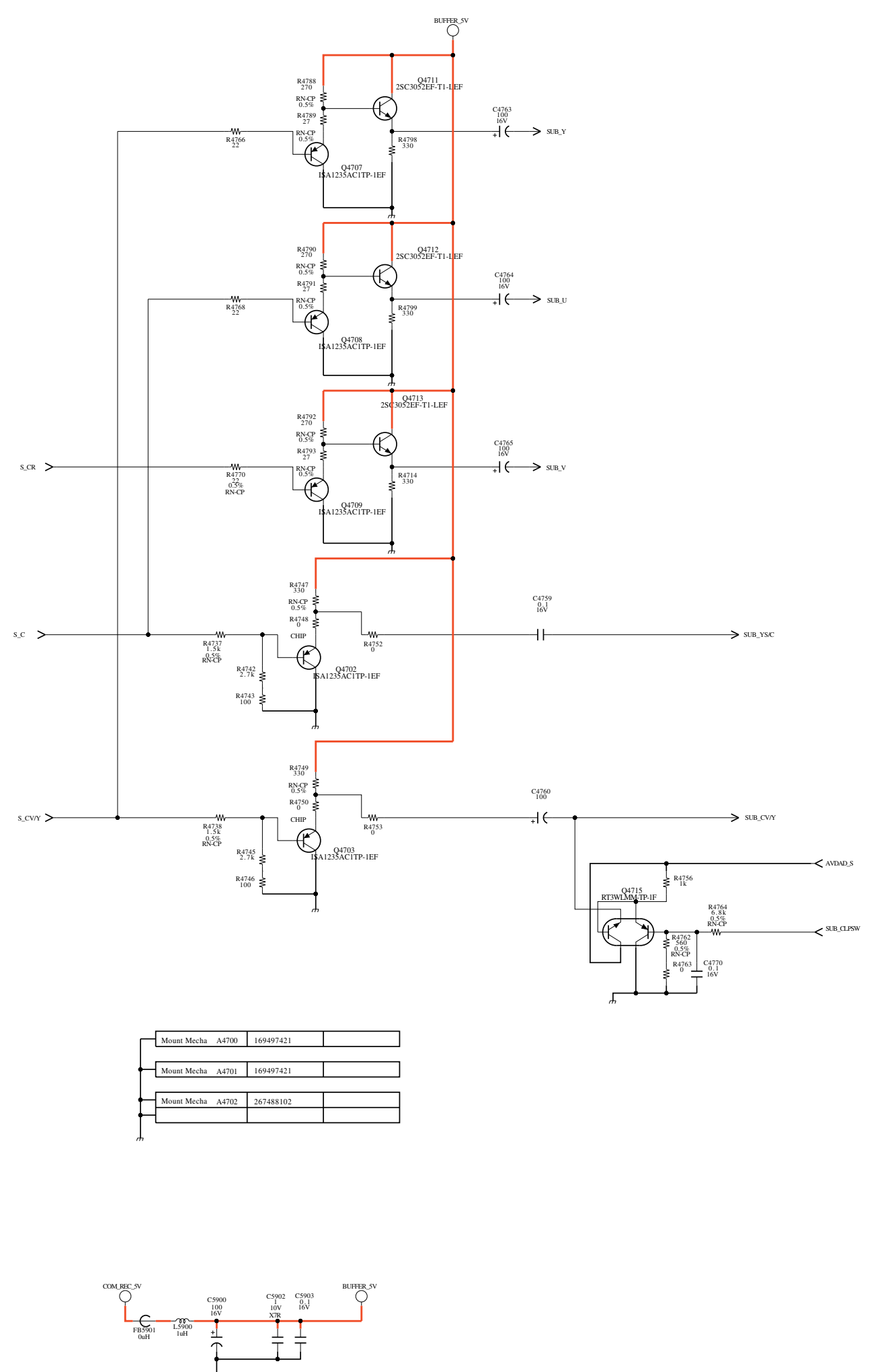
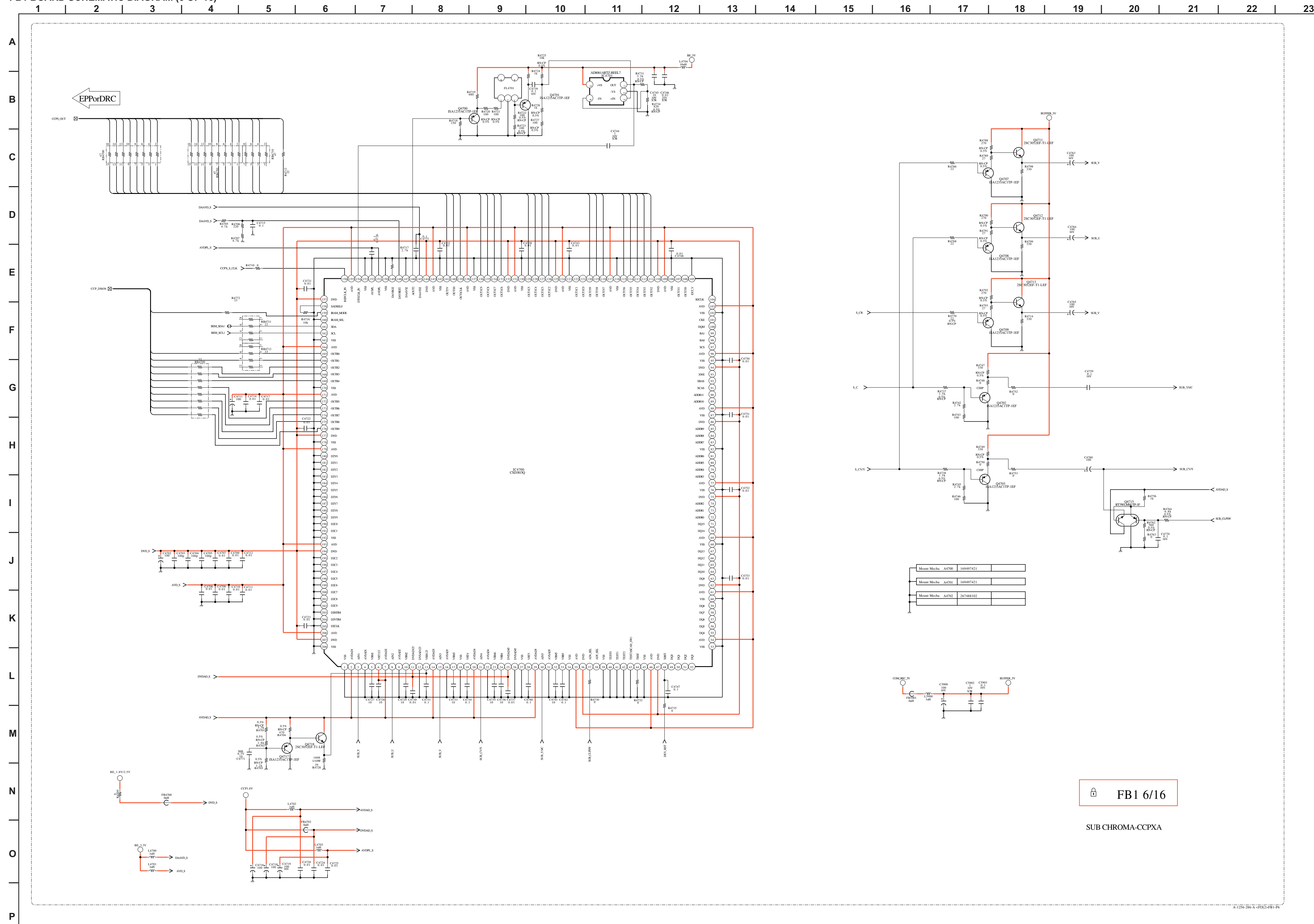
FB1 BOARD SCHEMATIC DIAGRAM (5 OF 16)



FB1 5/16  
ADC/PC IN

A-1256-286-A (FIXED-FBI)-PS

FB1 BOARD SCHEMATIC DIAGRAM (6 OF 16)

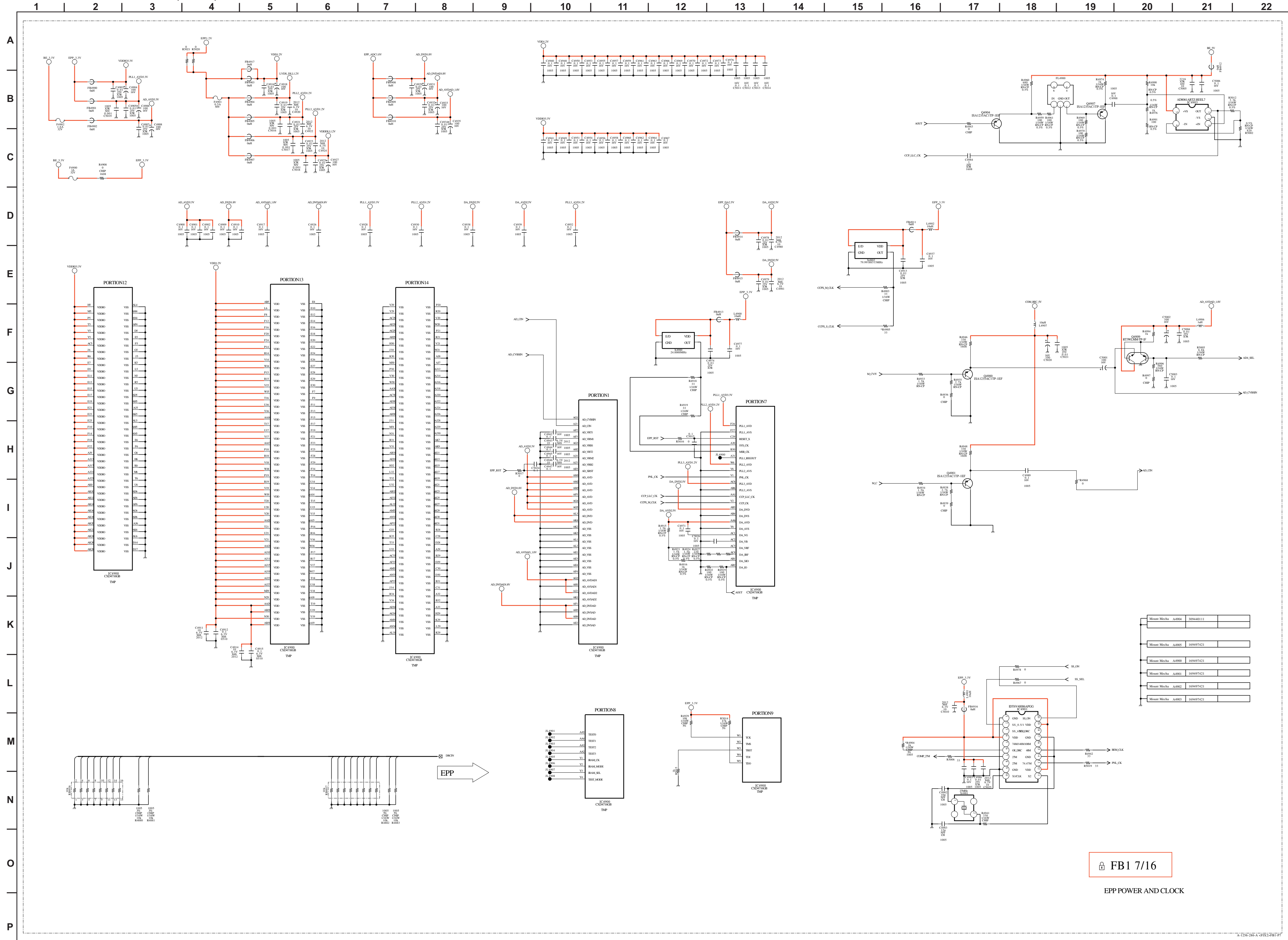


Master Mchc	A4700	168497421
Master Mchc	A4701	168497421
Master Mchc	A4702	261688102

FB1 6/16  
SUB CHROMA-CCPXA



FB1 BOARD SCHEMATIC DIAGRAM (7 OF 16)

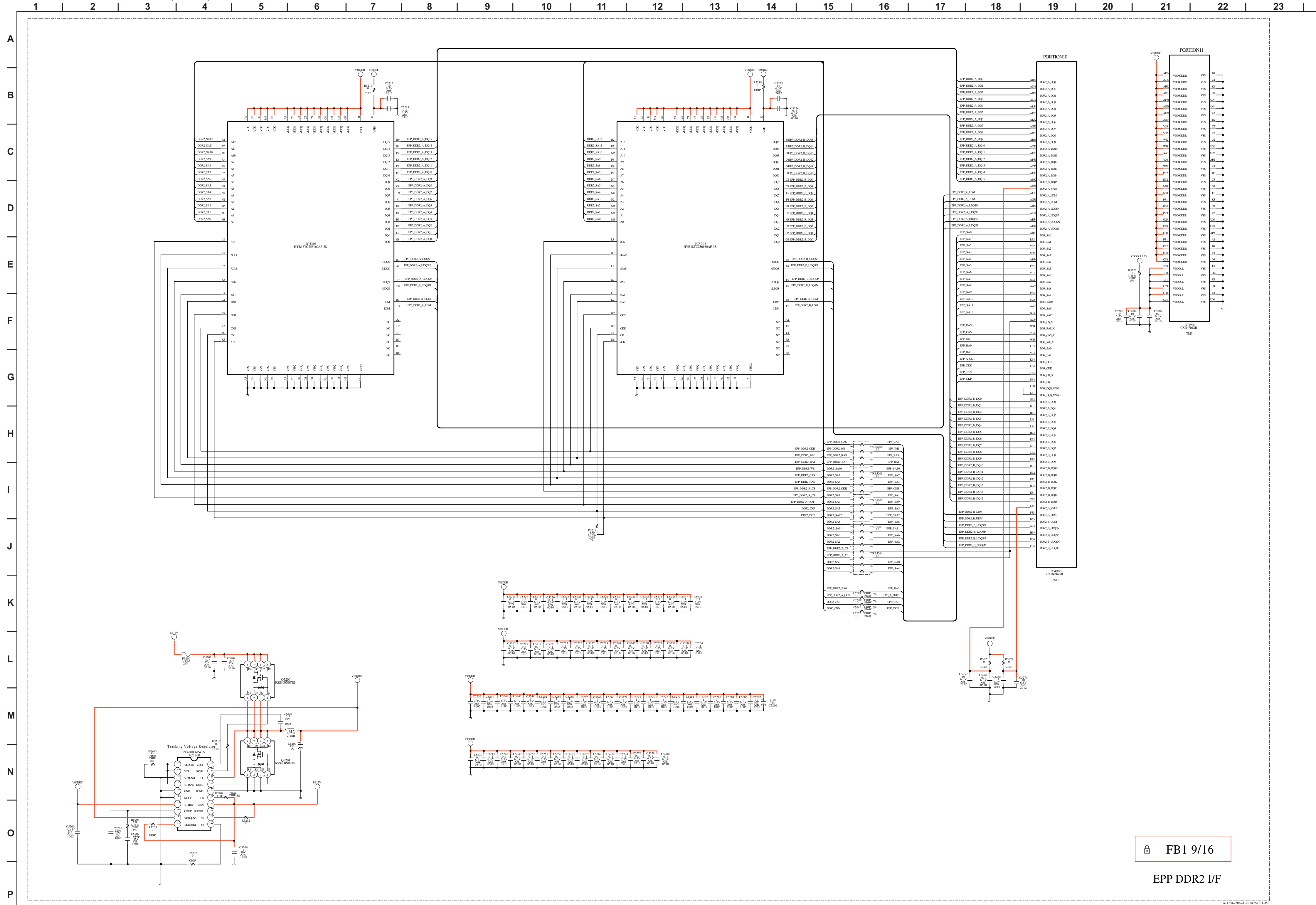


FB1 7/16

EPP POWER AND CLOCK



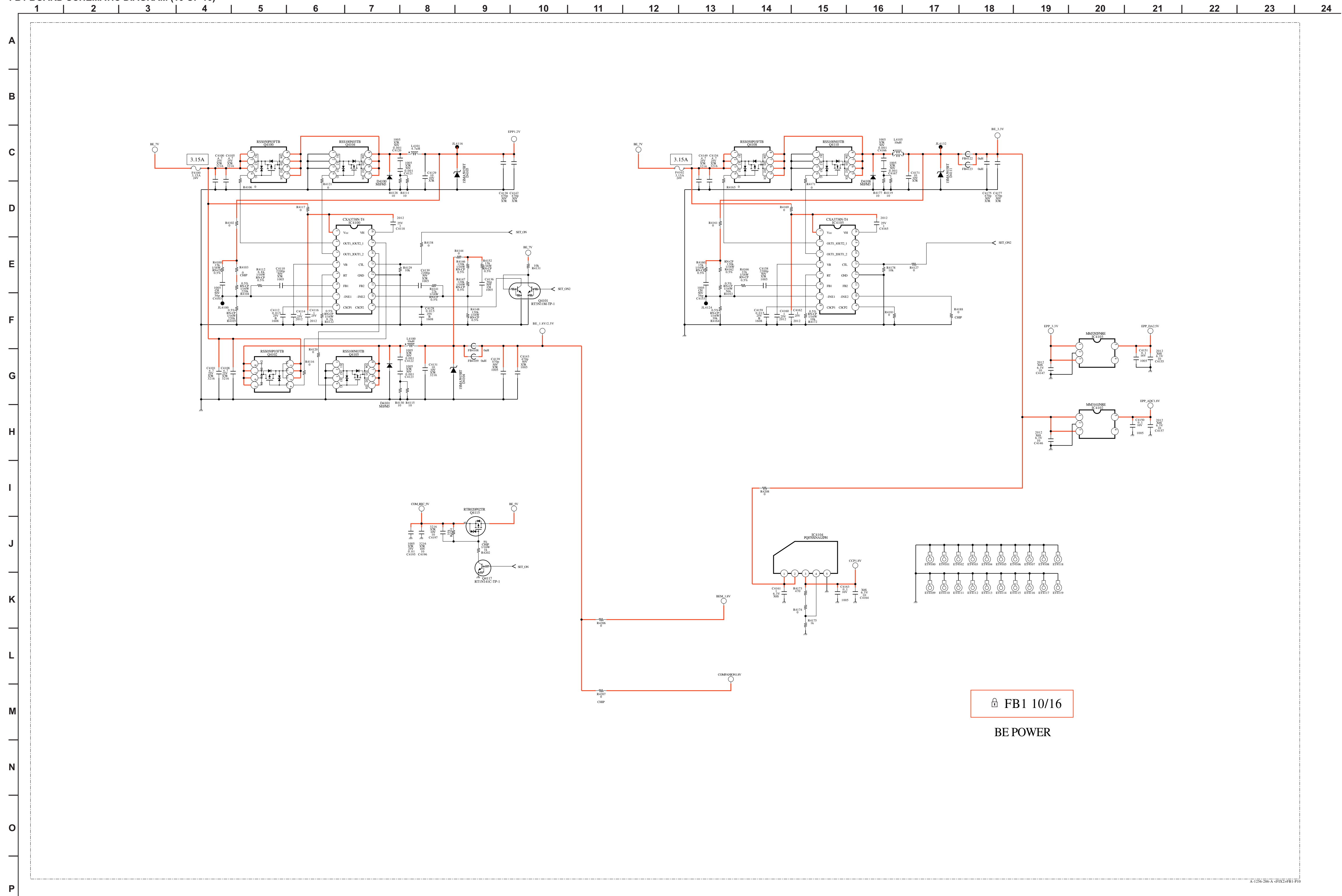
FB1 BOARD SCHEMATIC DIAGRAM (9 OF 16)



FB1 9/16

EPP DDR2 I/F

FB1 BOARD SCHEMATIC DIAGRAM (10 OF 16)

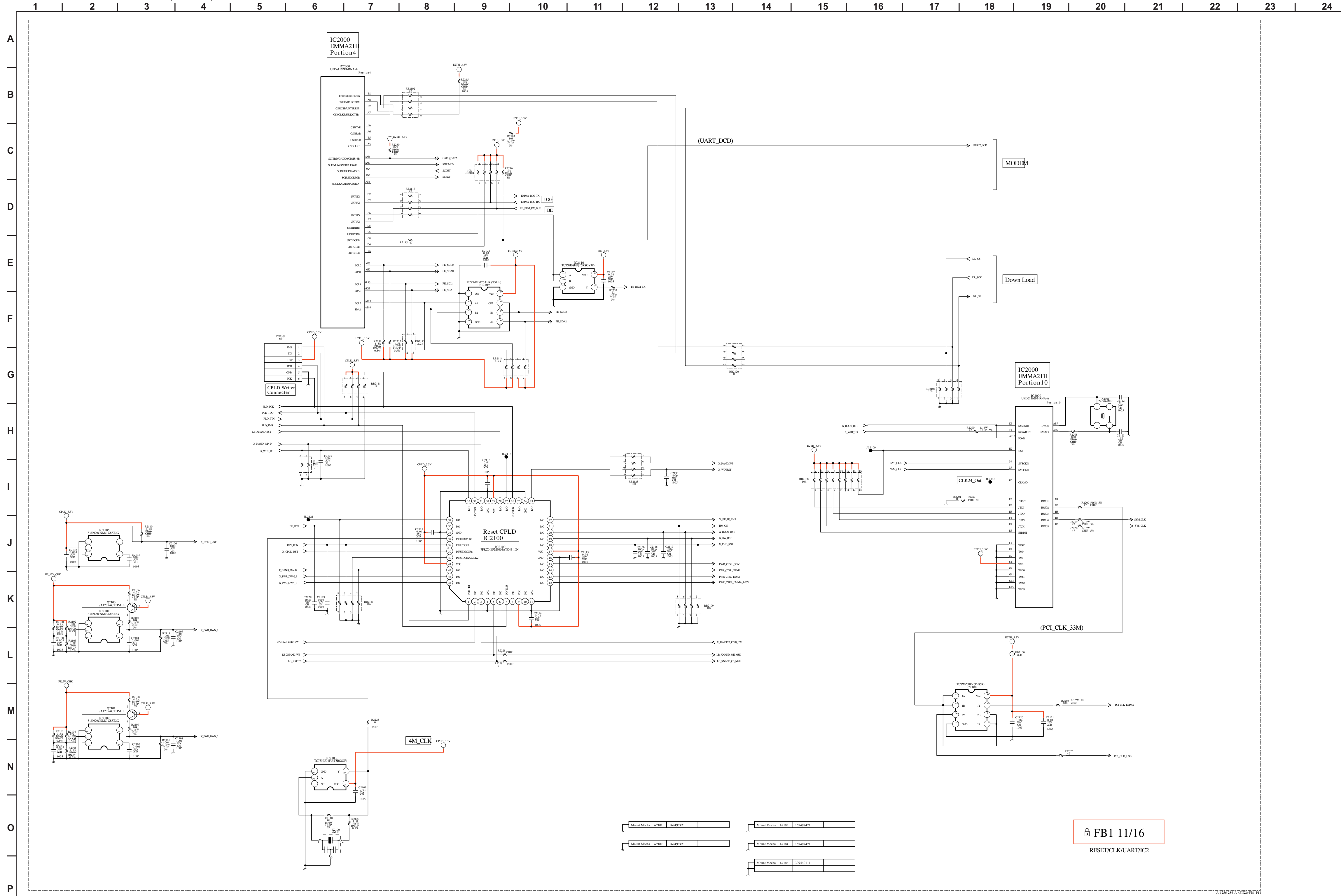


FB1 10/16

BE POWER

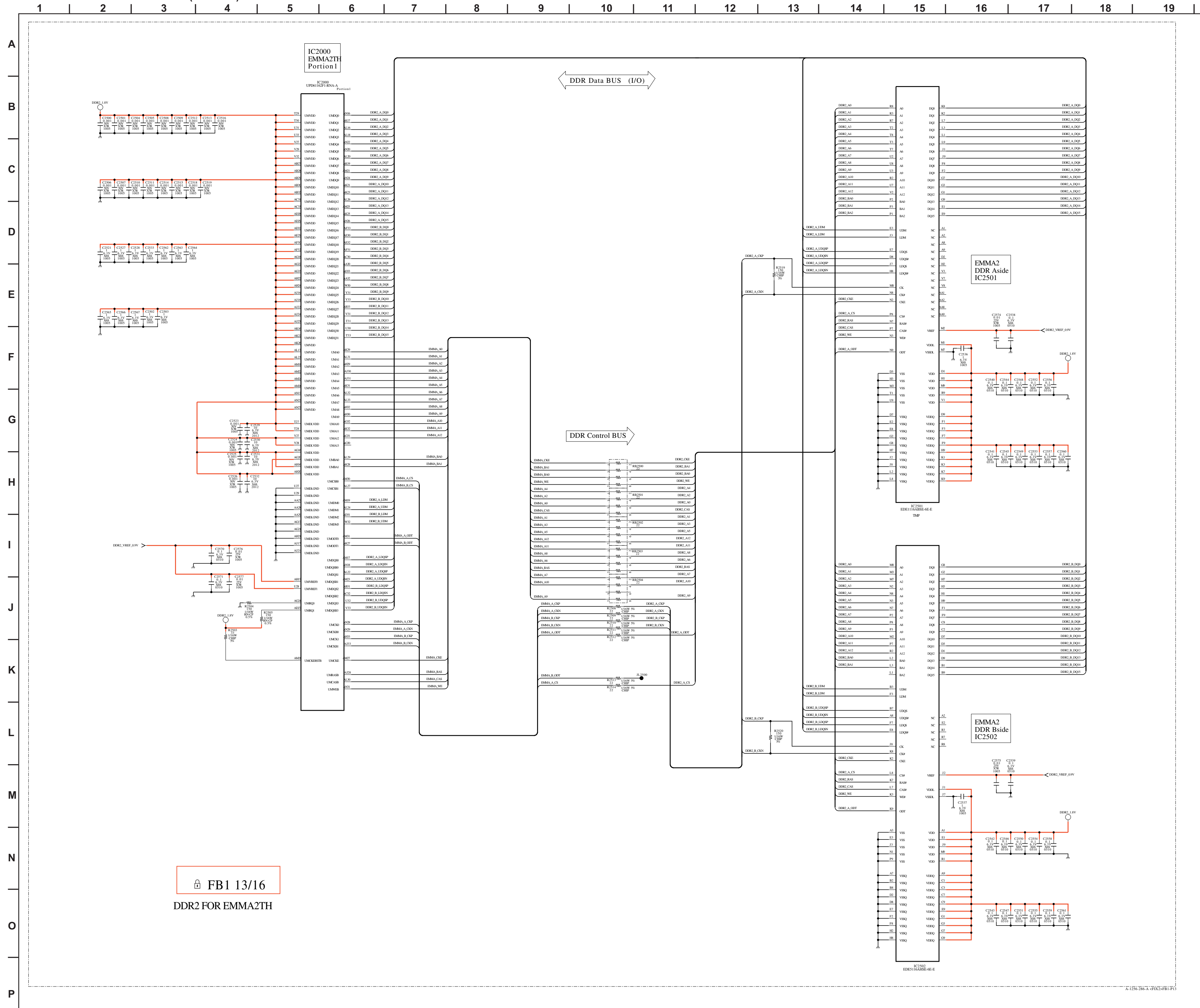
A1256-286-A-FIN2-FB1-F10

FB1 BOARD SCHEMATIC DIAGRAM (11 OF 16)

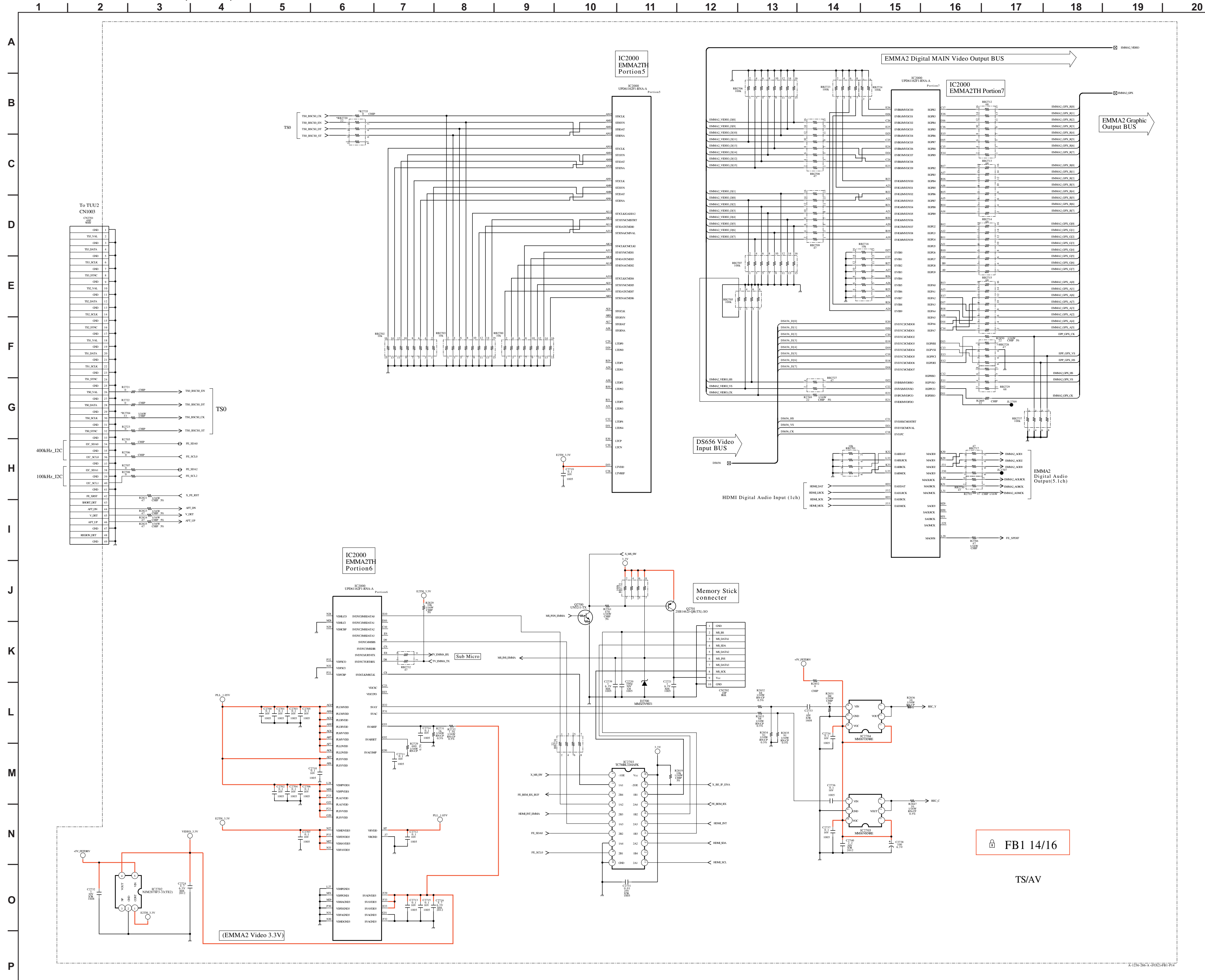




FB1 BOARD SCHEMATIC DIAGRAM (13 OF 16)



FB1 BOARD SCHEMATIC DIAGRAM (14 OF 16)

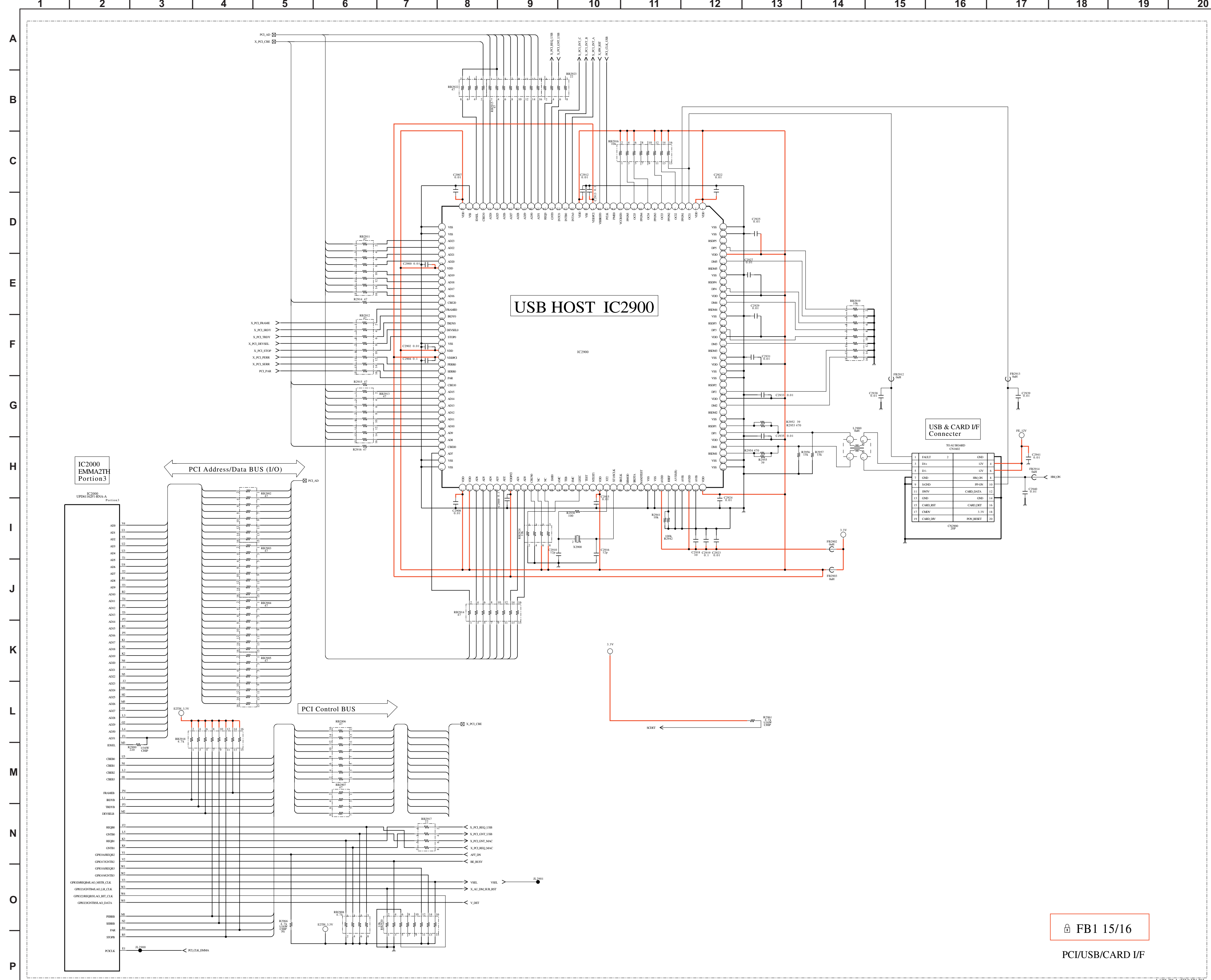


FB1 14/16

TS/AV

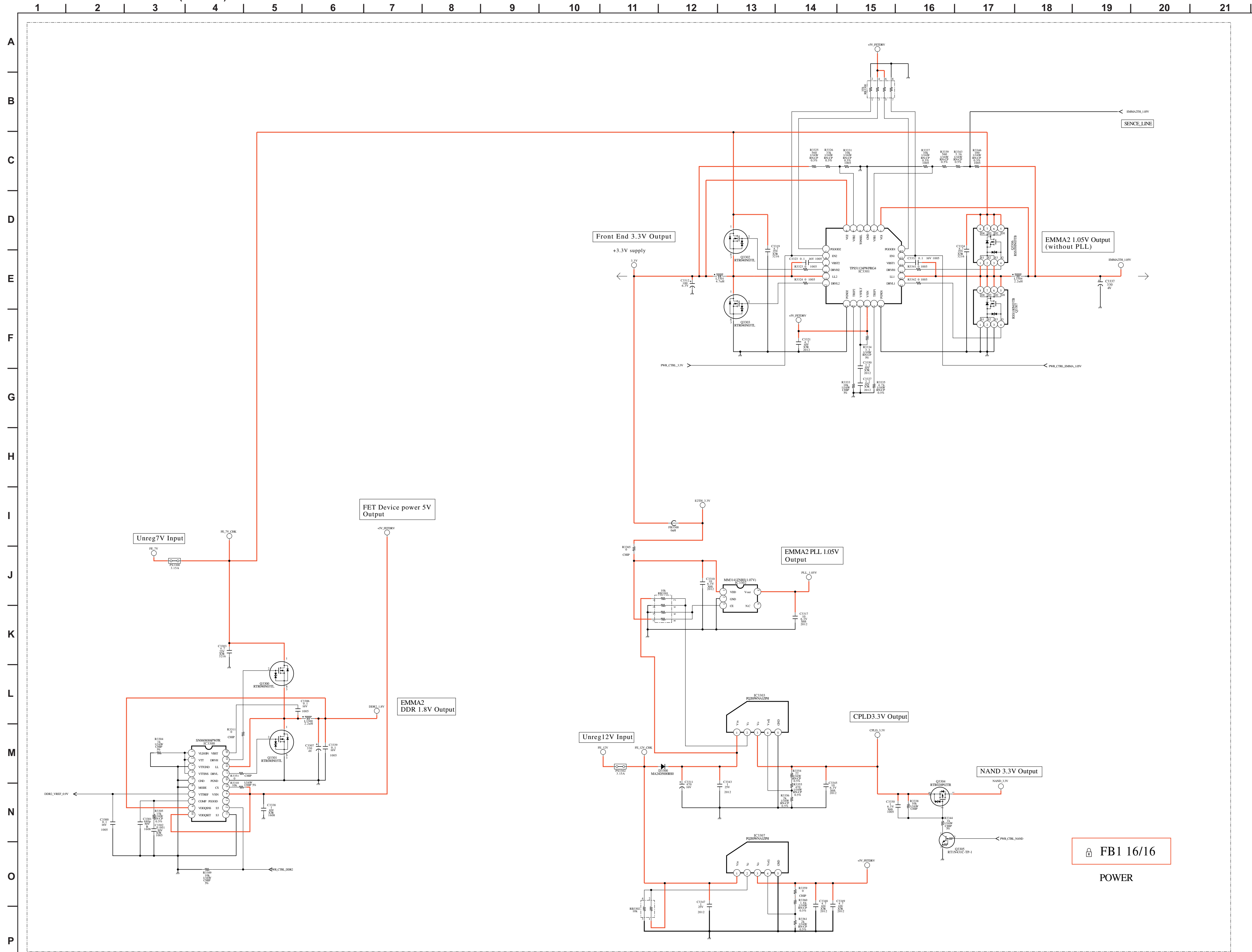


FB1 BOARD SCHEMATIC DIAGRAM (15 OF 16)



FB1 15/16  
PCI/USB/CARD I/F

FB1 BOARD SCHEMATIC DIAGRAM (16 OF 16)



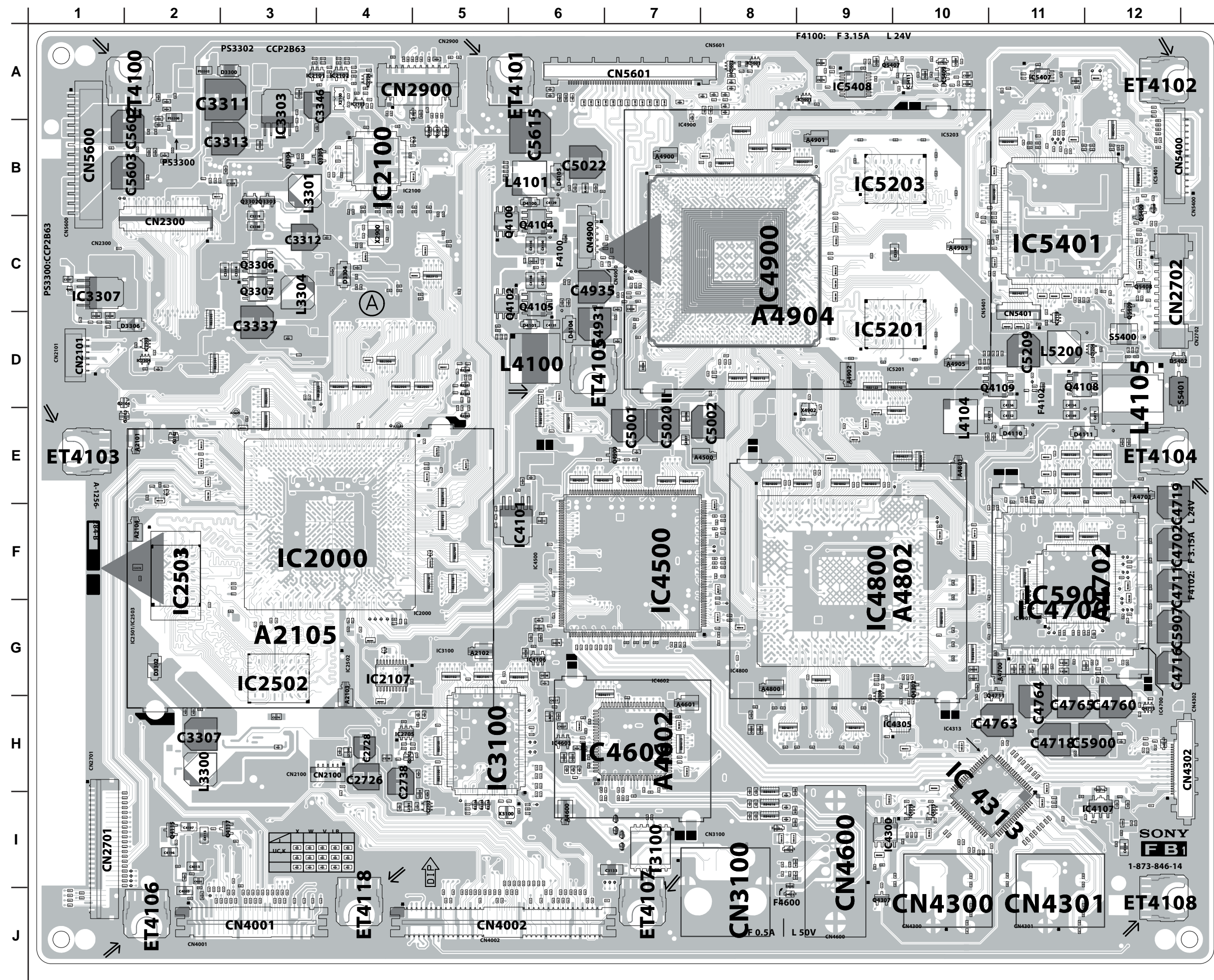
FB1 16/16

POWER

FB1

[CONNECTORS, LVDS, BE MICRO, HDMI, ADC, PC IN, SUB CHROMA-CCPXA, 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]

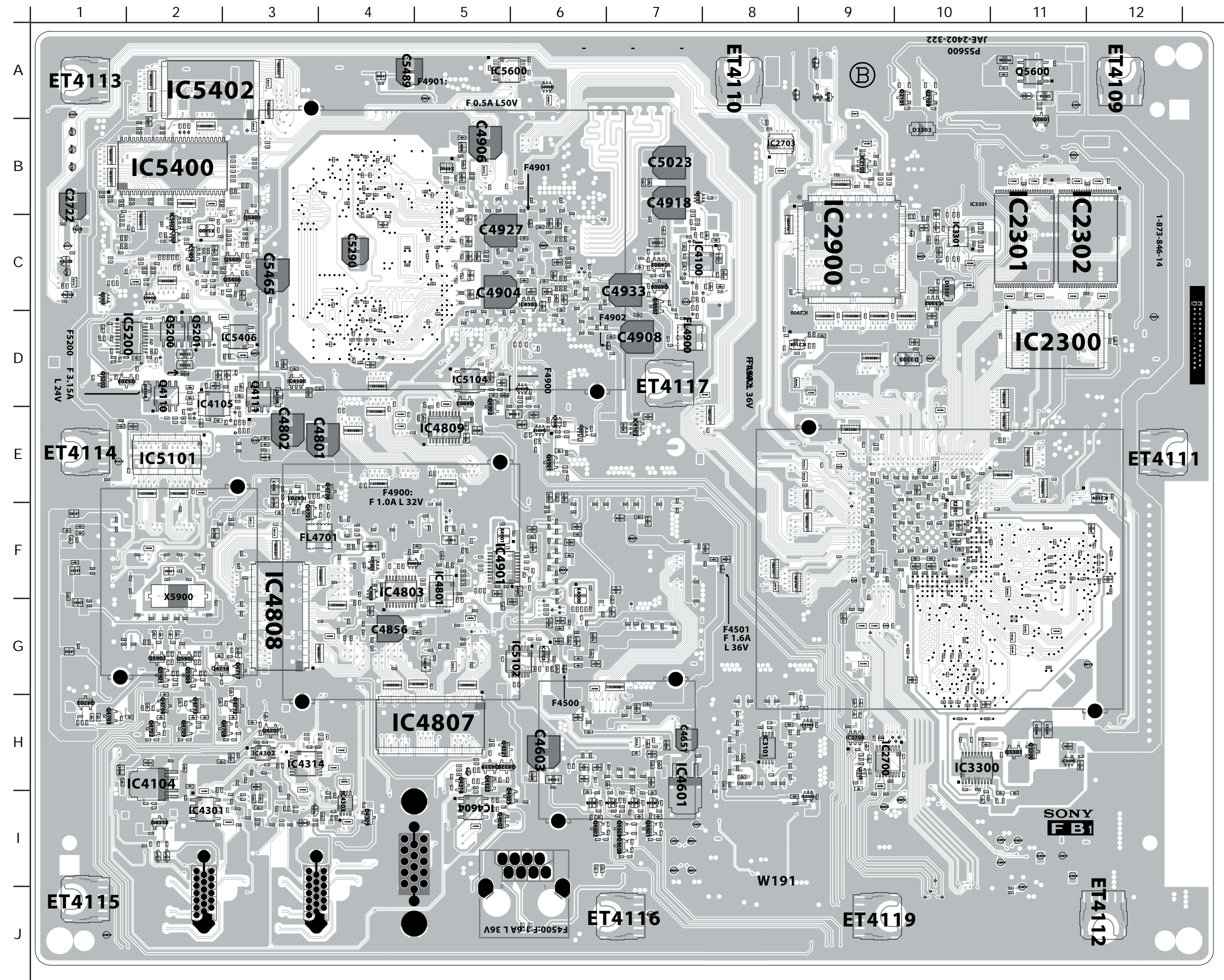
COMPONENT SIDE



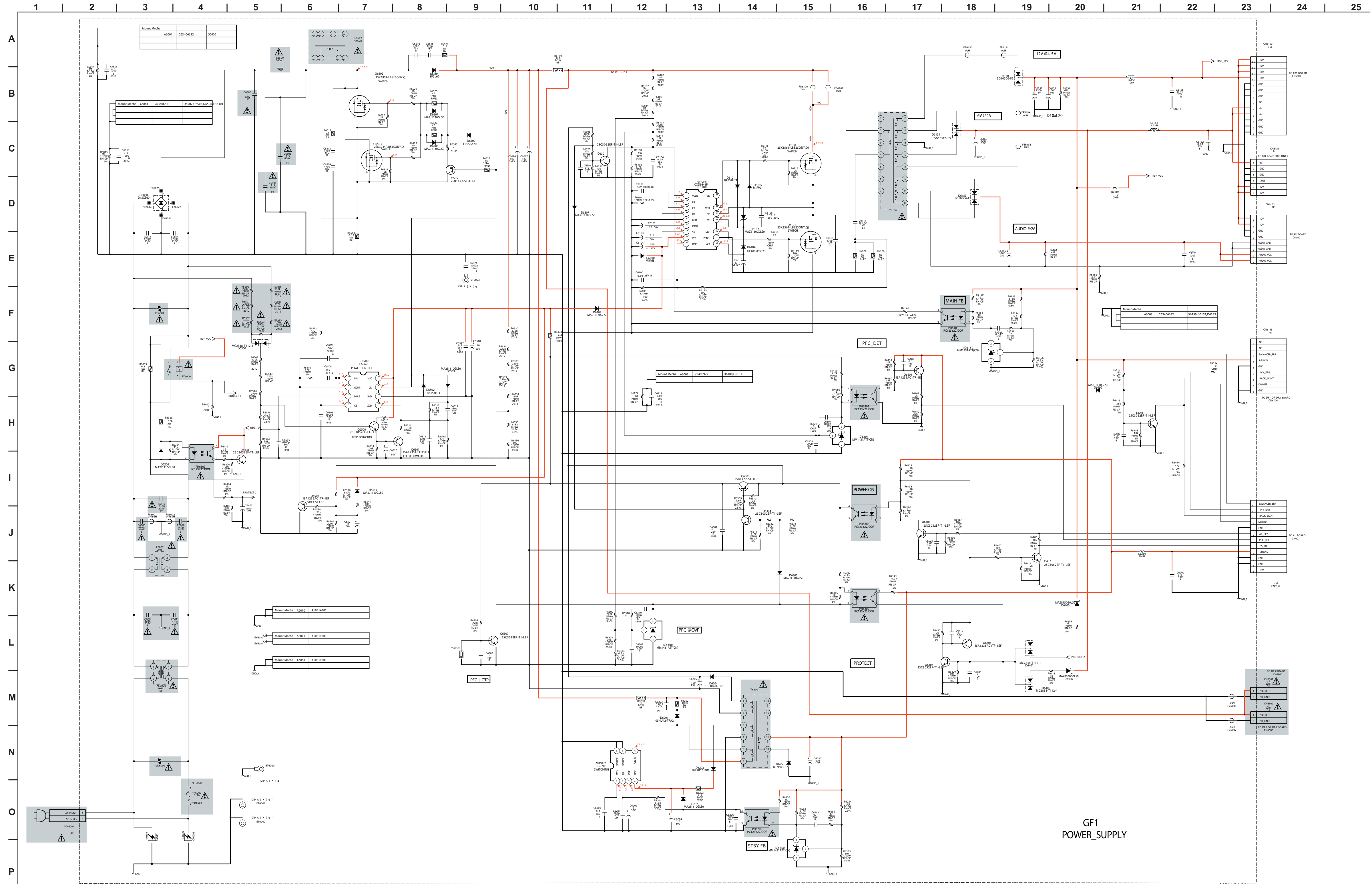
FB1

[CONNECTORS, LVDS, BE MICRO, HDMI, ADC, PC IN, SUB CHROMA-CCPXA, 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

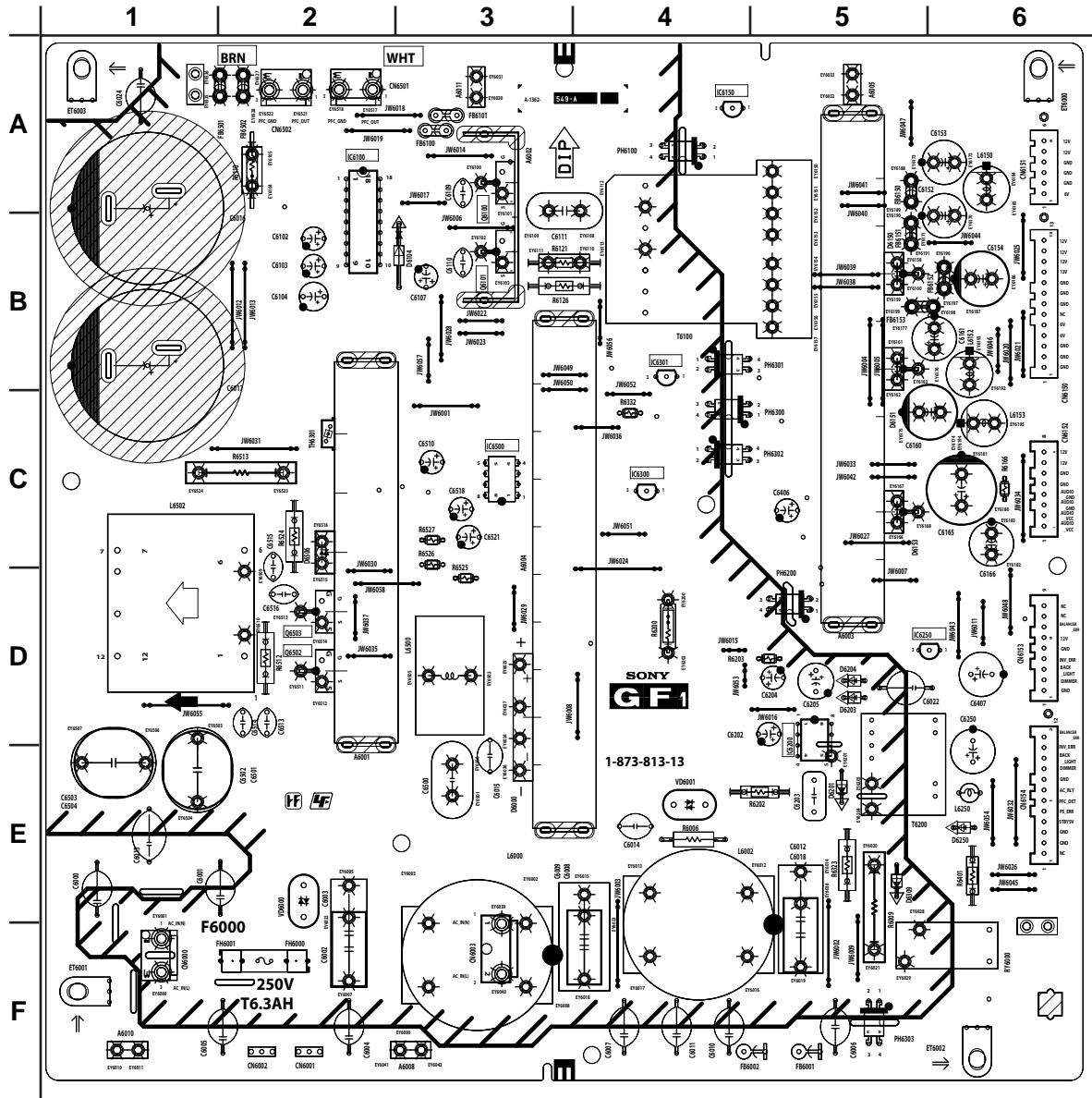


GF1 BOARD SCHEMATIC DIAGRAM

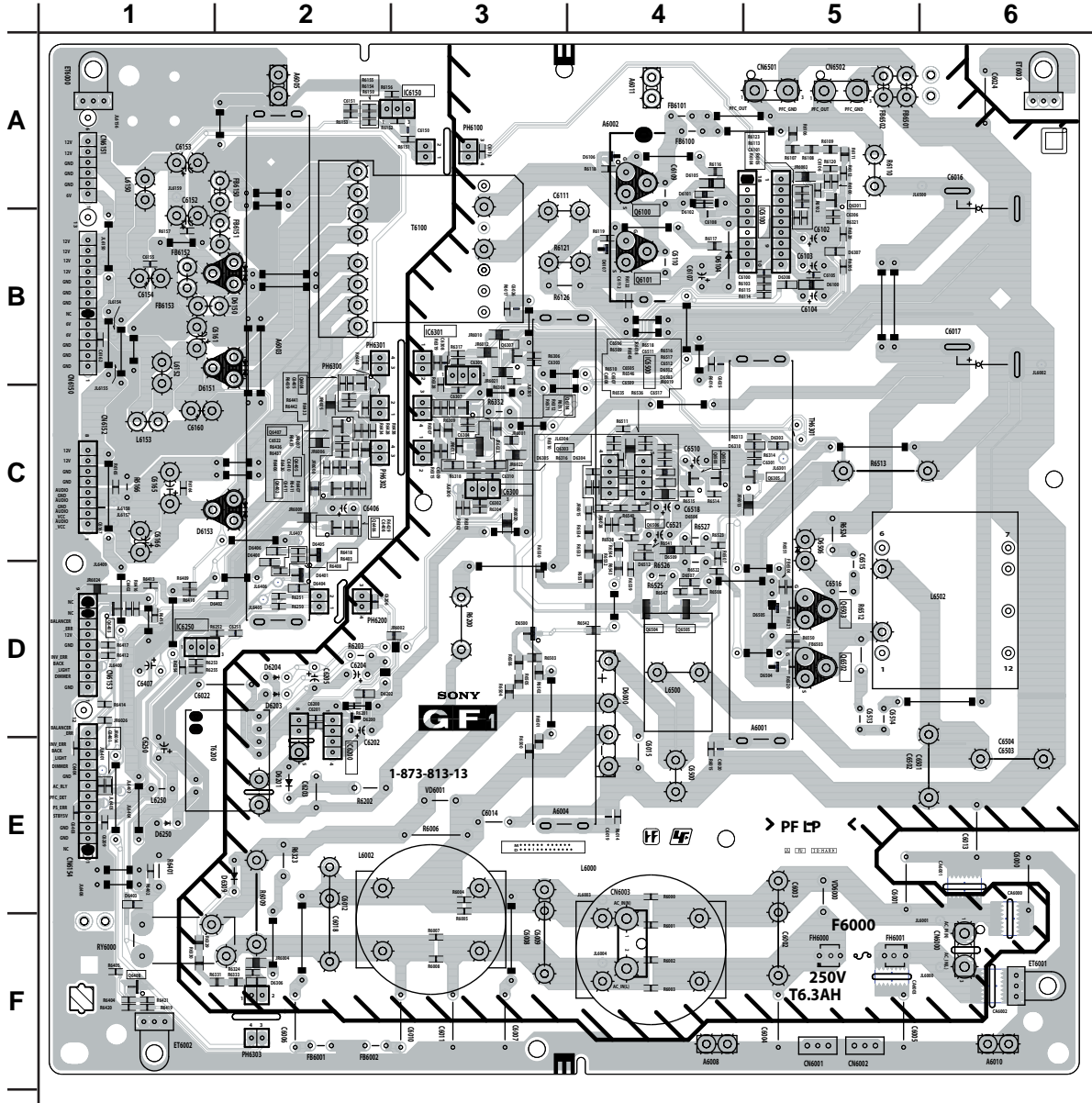


GF1 POWER\_SUPPLY

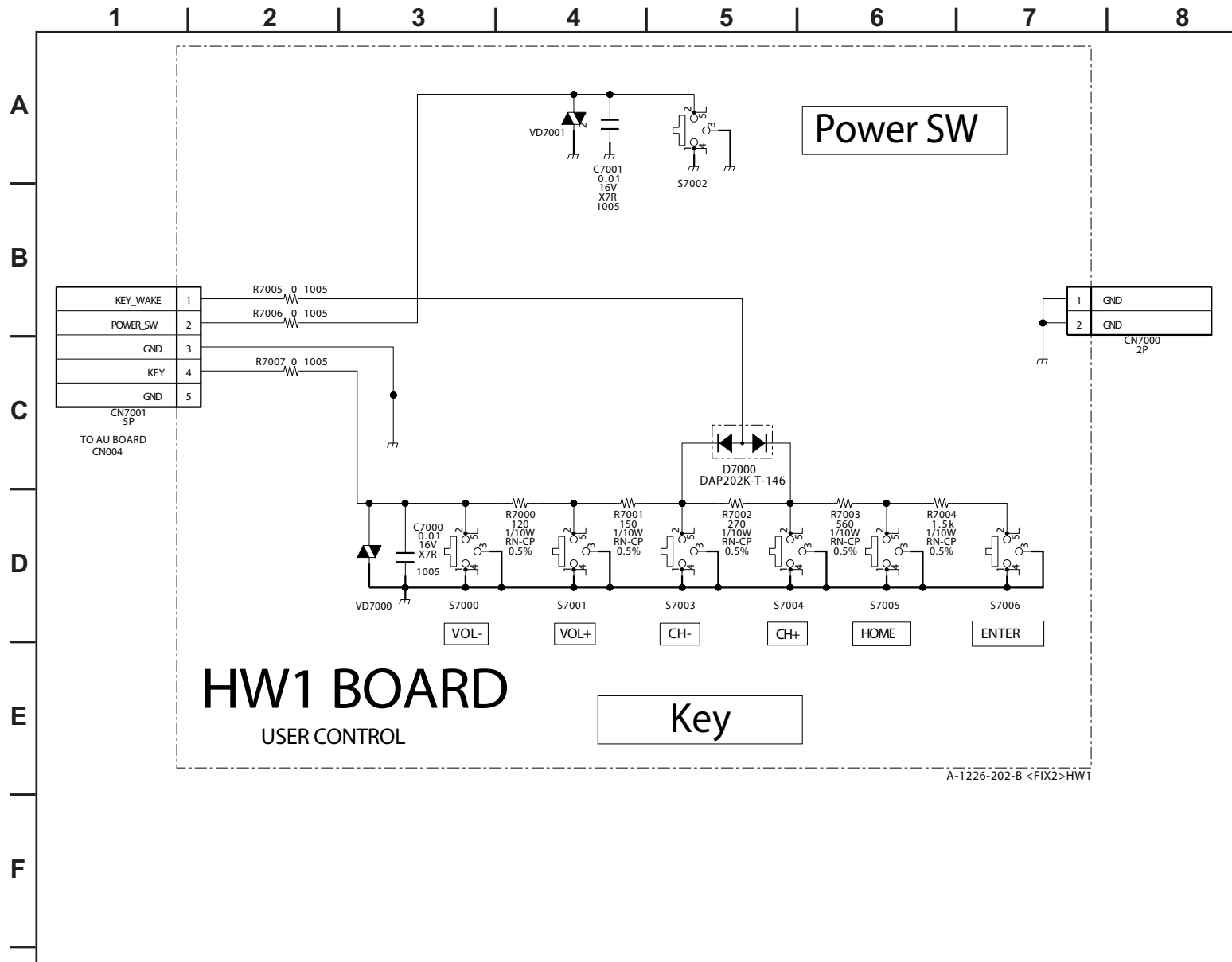
# GF1 [POWER SUPPLY] COMPONENT SIDE



# GF1 [POWER SUPPLY] CONDUCTOR SIDE



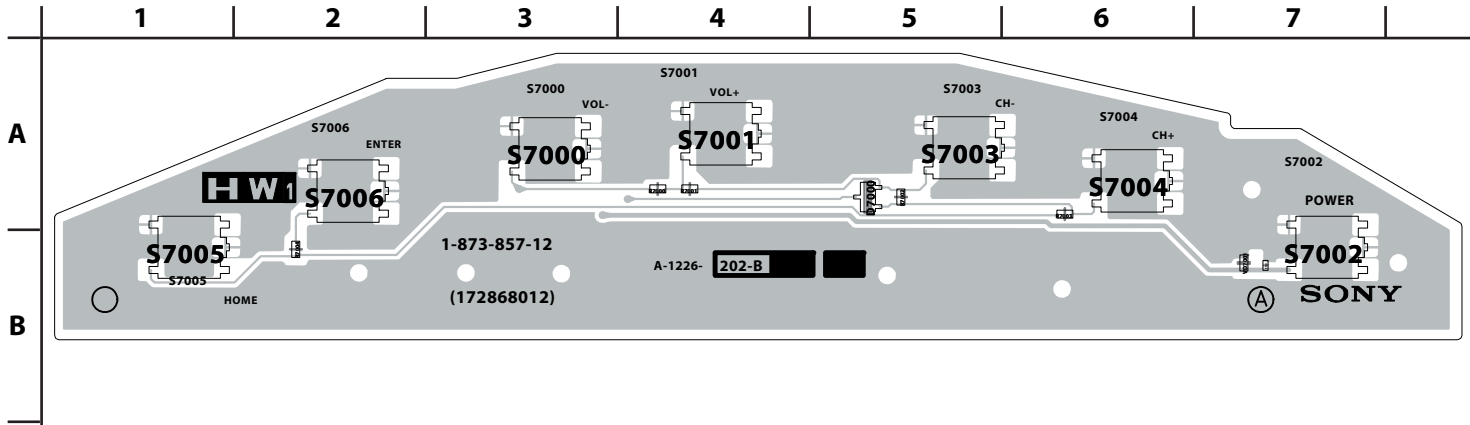
HW1 BOARD SCHEMATIC DIAGRAM



**HW1**

[USER CONTROL]

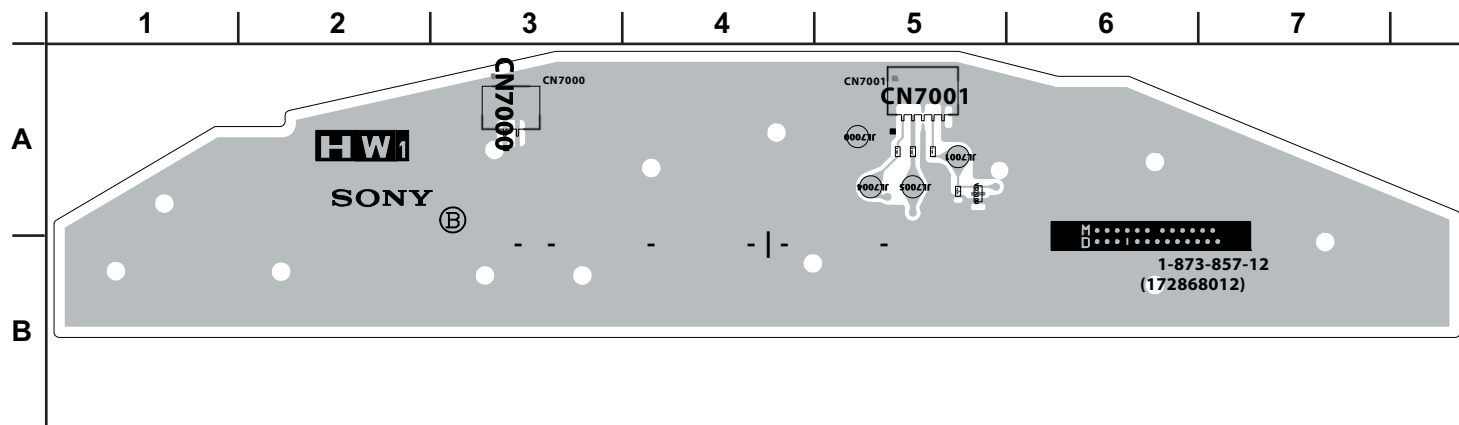
COMPONENT SIDE



**HW1**

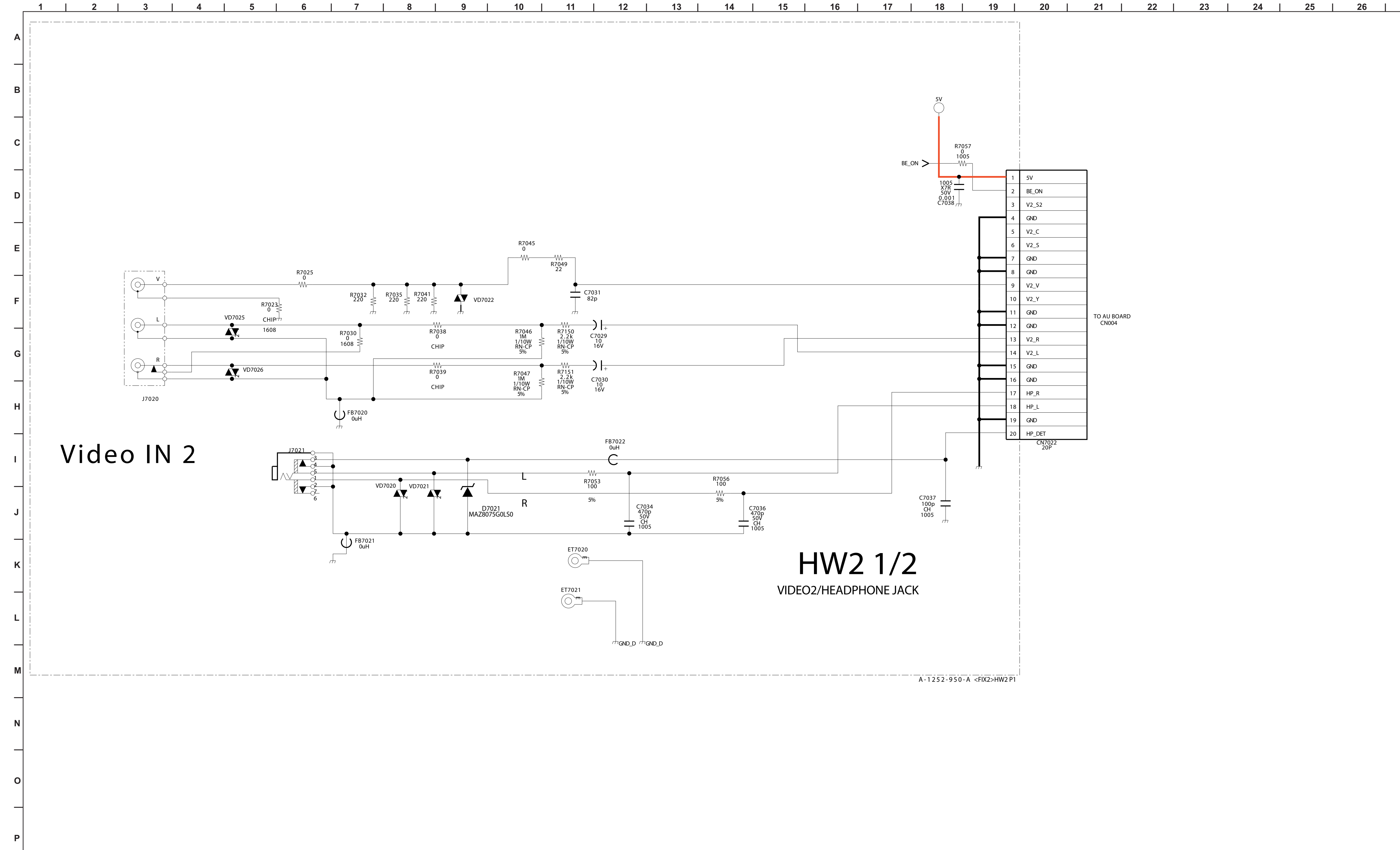
[USER CONTROL]

CONDUCTOR SIDE





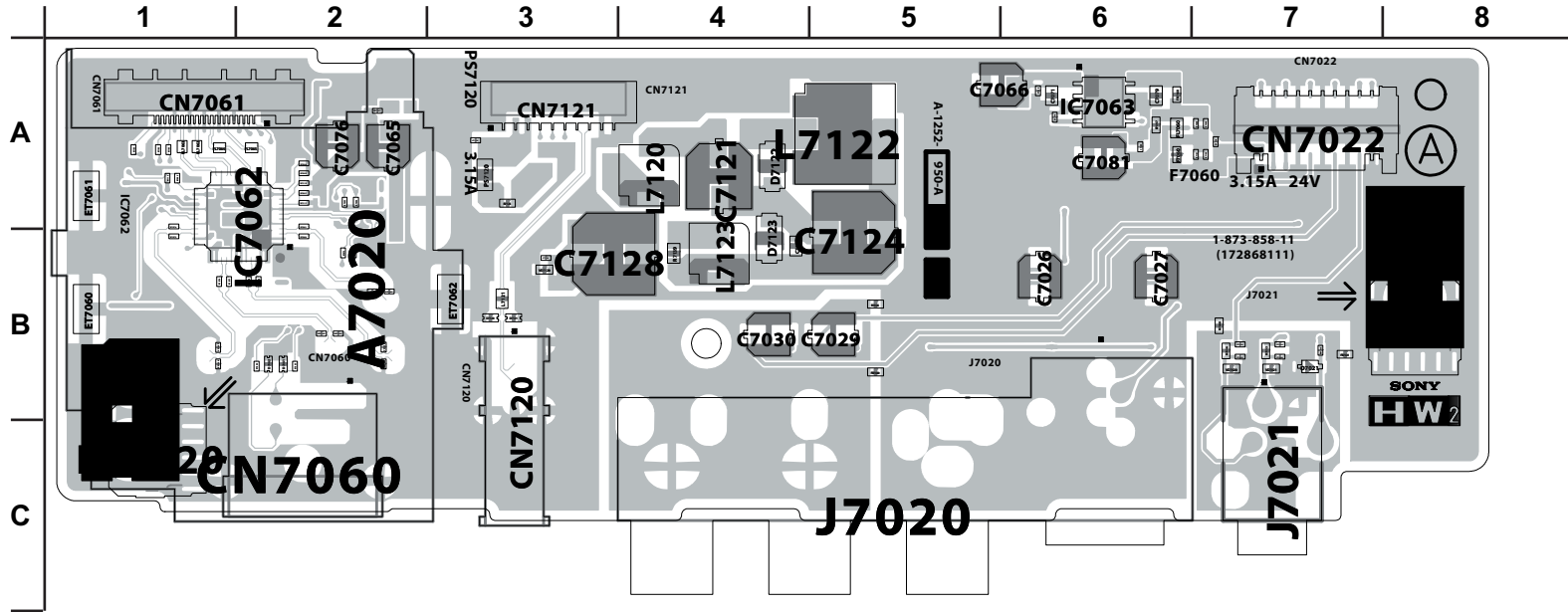
HW2 BOARD SCHEMATIC DIAGRAM (1 OF 2)





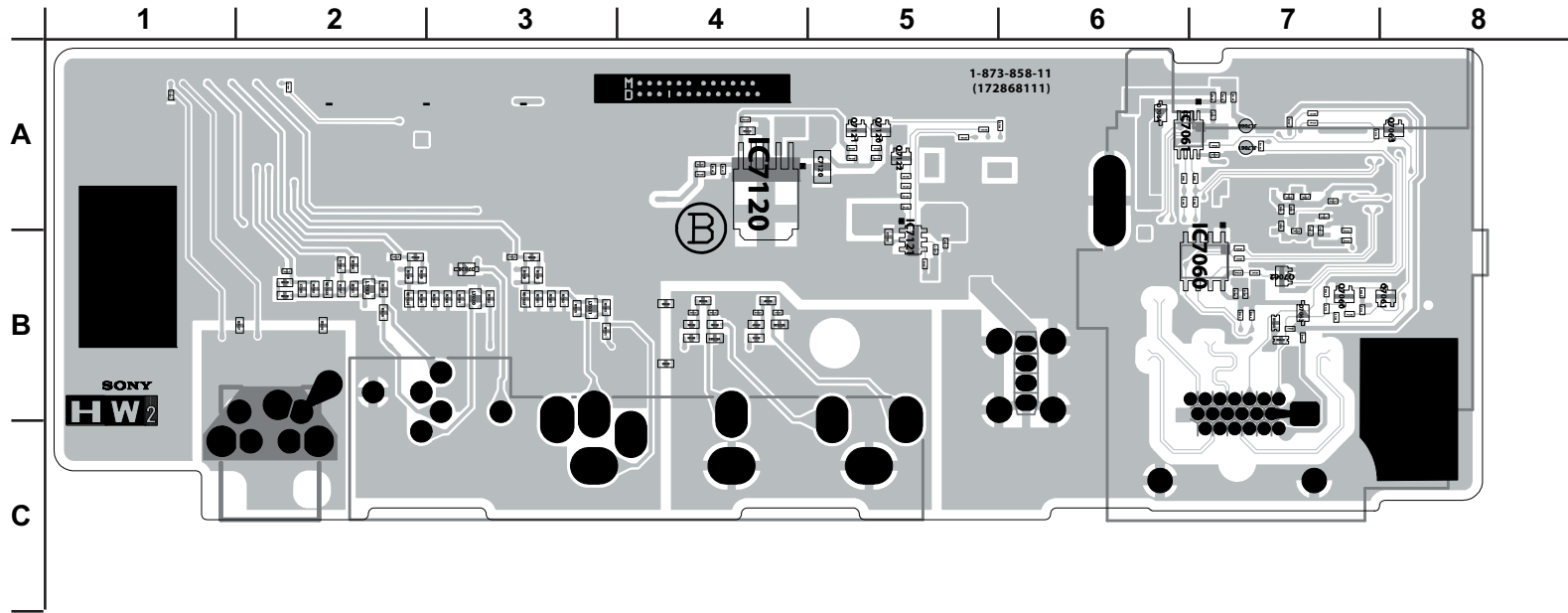
# HW2

[VIDEO2, HEADPHONE JACK, VIDEO3, HDMI INPUT]  
**COMPONENT SIDE**

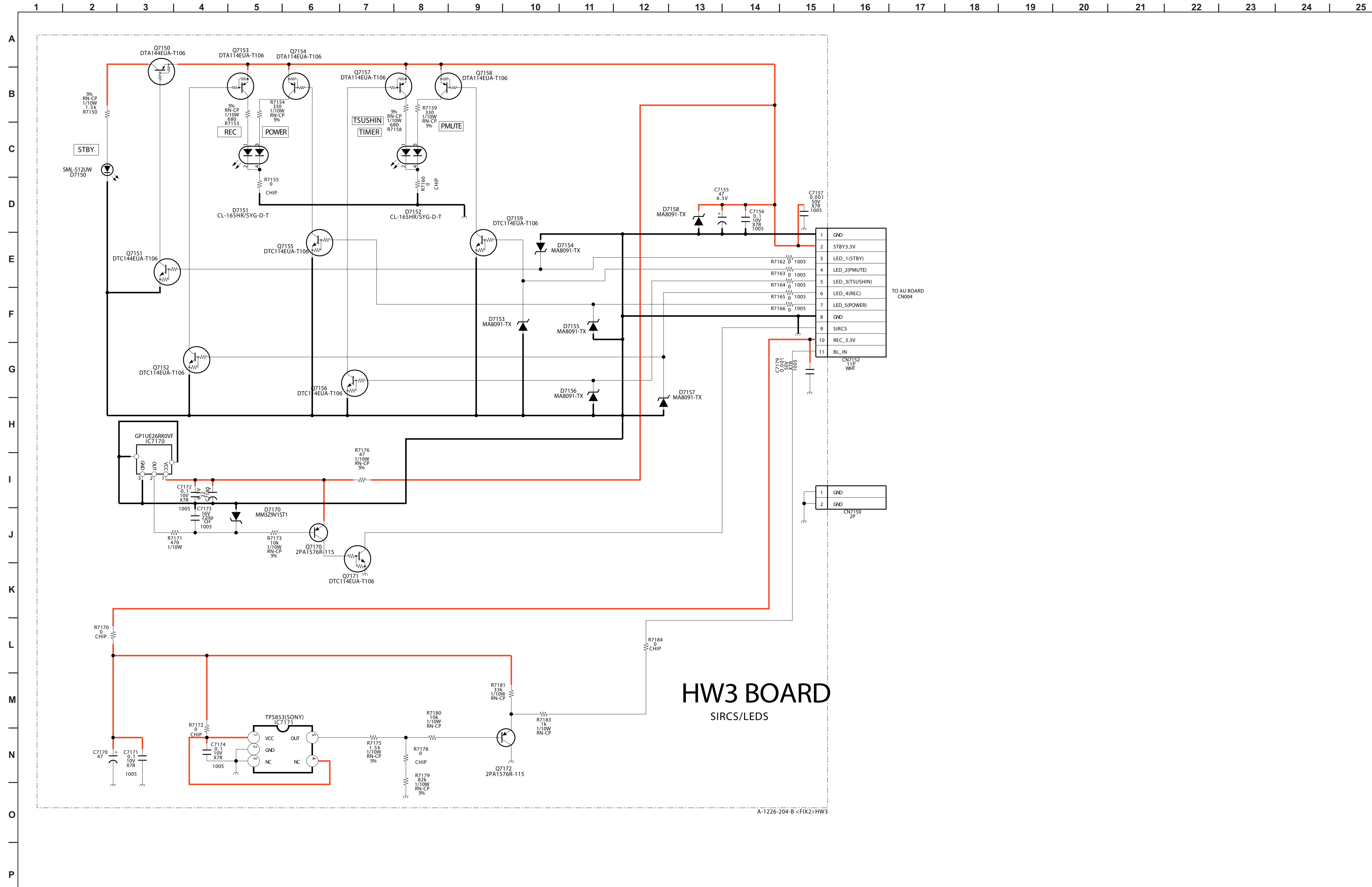


# HW2

[VIDEO2, HEADPHONE JACK, VIDEO3, HDMI INPUT ]  
CONDUCTOR SIDE



HW3 BOARD SCHEMATIC DIAGRAM



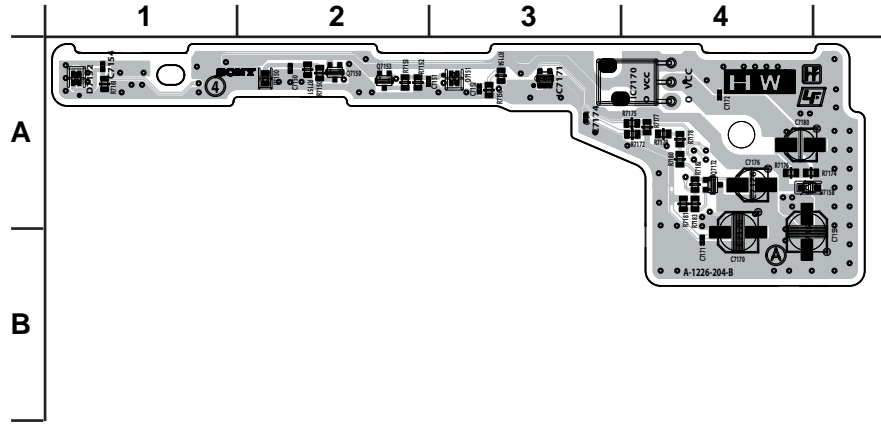
HW3 BOARD SIRCS/LEDS

A-1226-204-B <FIX2>HW3

**HW3**

[SIRC, LEDS]

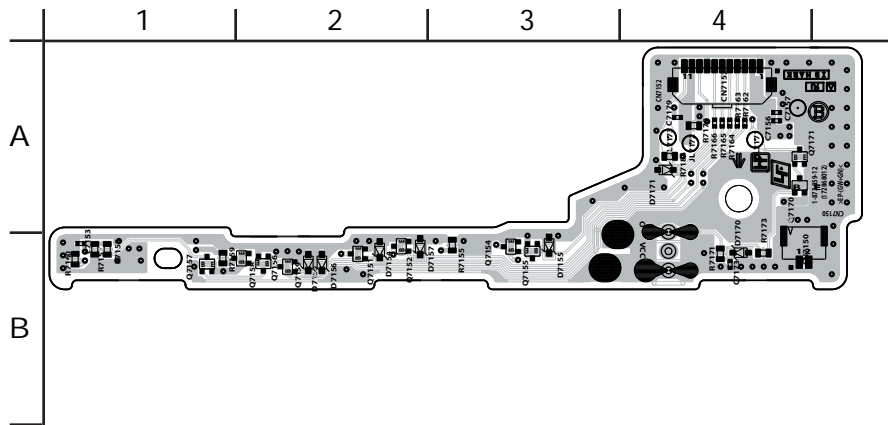
**COMPONENT SIDE**



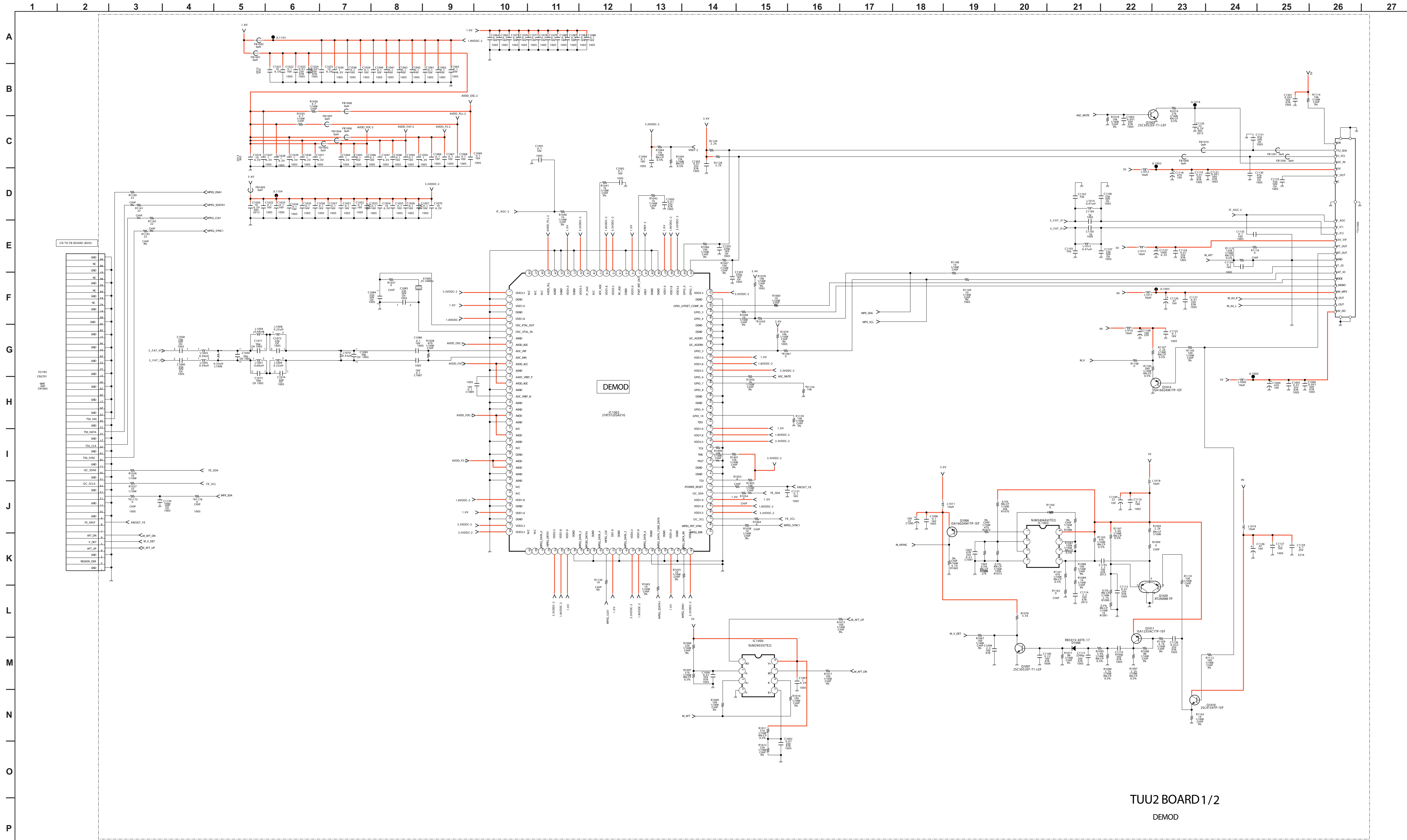
**HW3**

[SIRC, LEDS]

**CONDUCTOR SIDE**

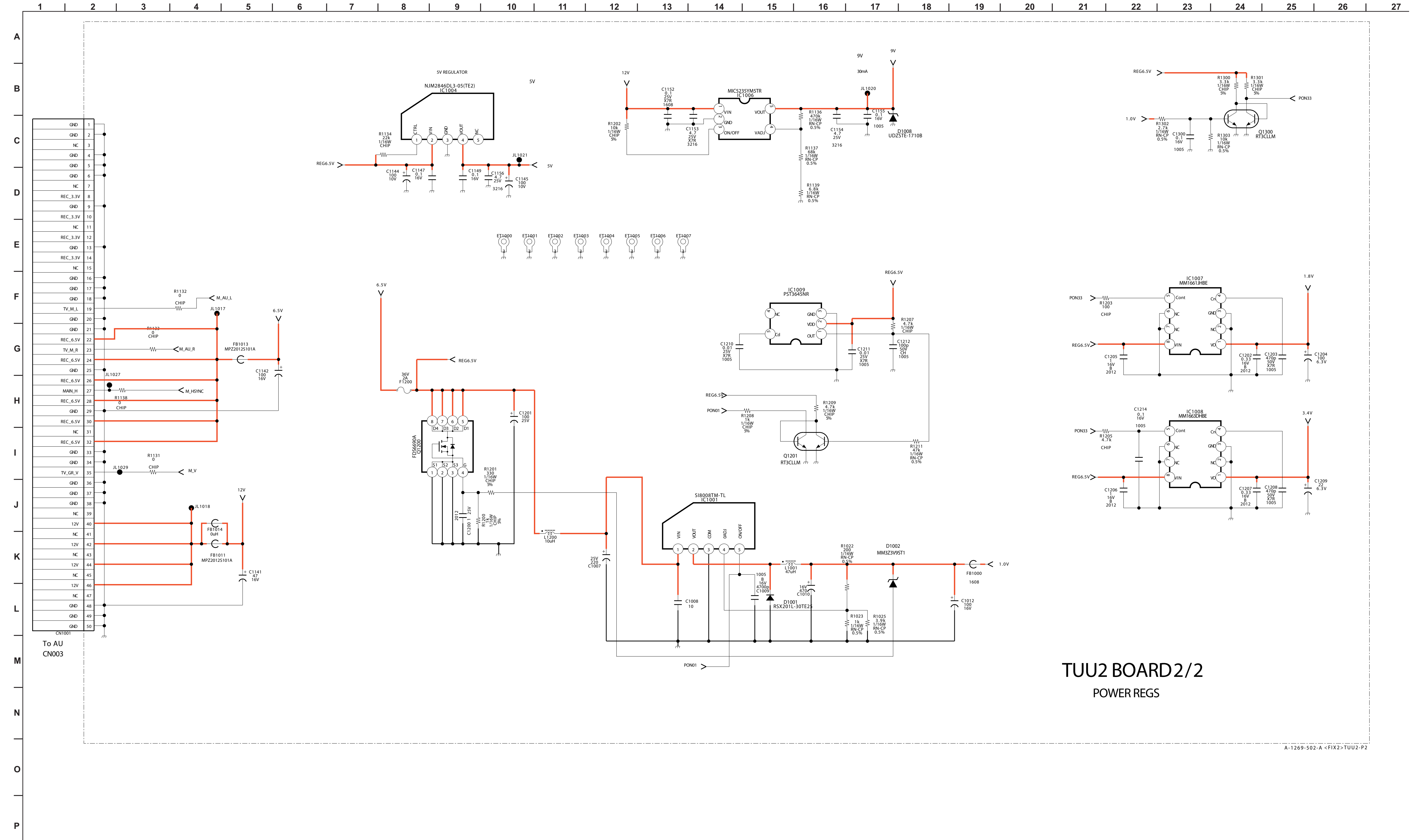


TU2 BOARD SCHEMATIC DIAGRAM (1 OF 2)



TU2 BOARD 1/2  
DEMOM

TU2 BOARD SCHEMATIC DIAGRAM (2 OF 2)



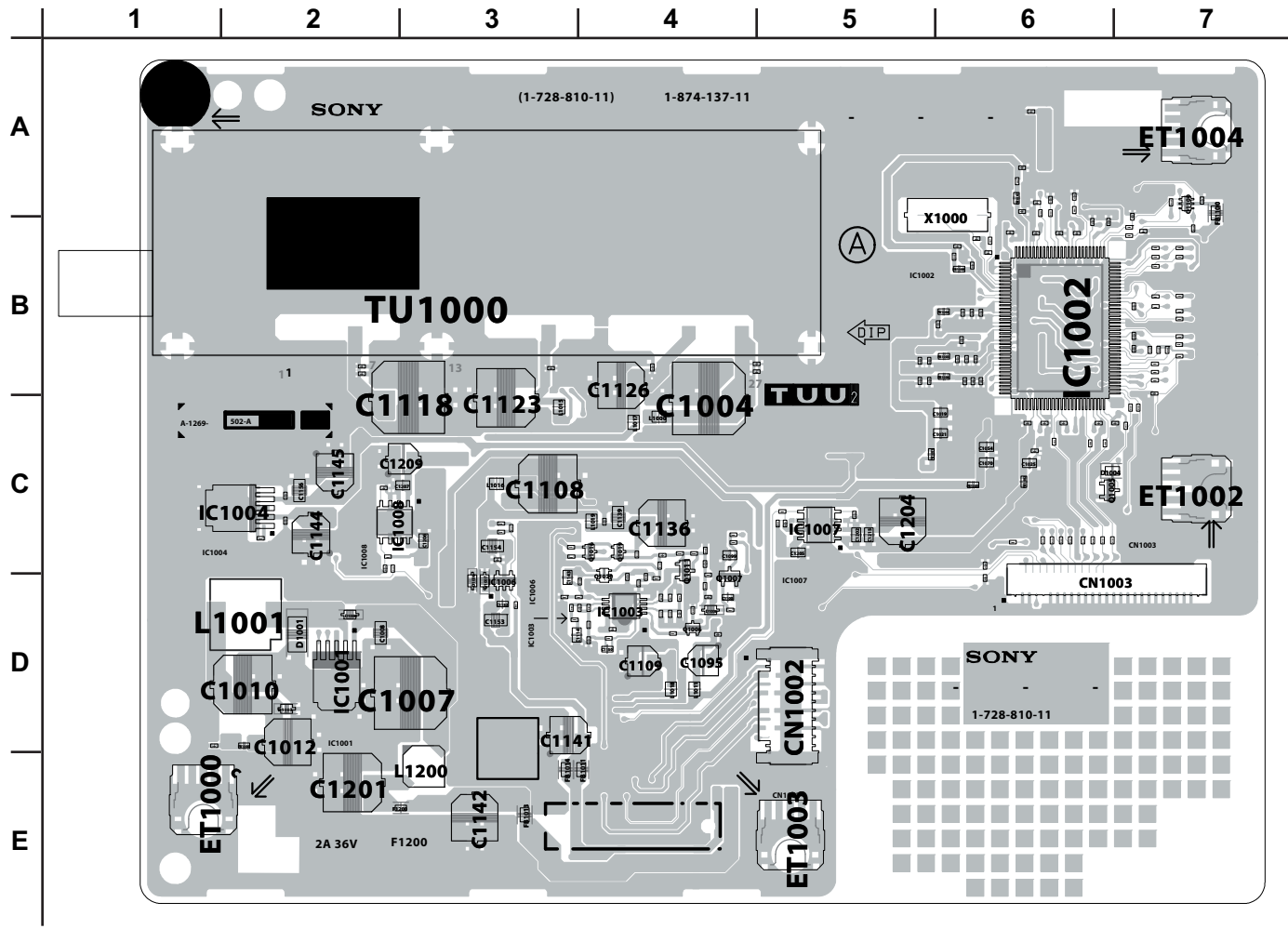
TU2 BOARD 2/2  
POWER REGS

A-1269-502-A <FIX2> TU2-P2



# TUU2

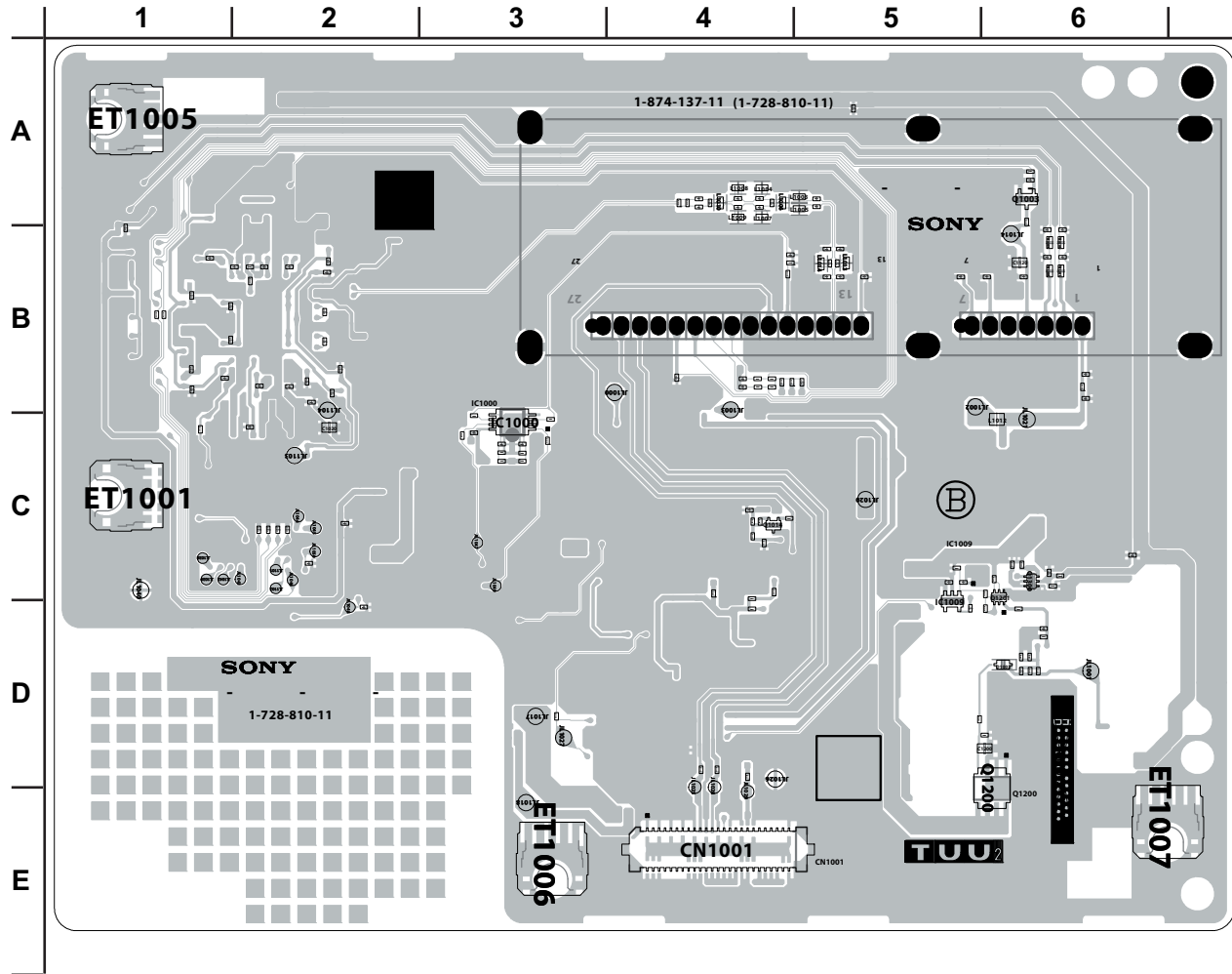
[DEMOD, POWER REGS]  
COMPONENT SIDE



**TUU2**

[DEMOD, POWER REGS]

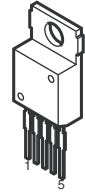
CONDUCTOR SIDE



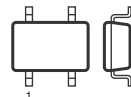
3-5. SEMICONDUCTORS

IC

BA00AST-V5

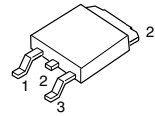


BA05FP-E2  
BA09FP-E2  
S-1111B33MC-NYSTFG  
S-80928CNMC-G8YT2G  
TC7SZ125FU(TE85R)

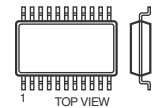


5Pin CHIP

BA18BC0FP-E2  
BA25BC0FP-E2

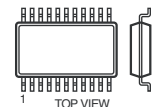


BR24L02F-WE2  
CS4335-KSZR  
FA5501N-TE1  
LM75CIMX-3  
M24128-BWMN6T(A)  
M24C02-WMN6T(B)  
NJM2521V(TE2)  
NJM3414AV(TE2)  
RC4558DR  
RC4558PWR



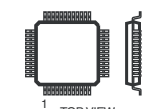
8Pin SOP

CD4052BNSR  
FMS6418AM16X



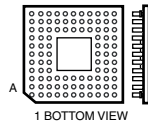
16Pin SOP

CXA2188Q-T4



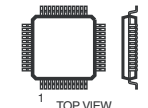
40Pin QFP

EM6A9320BI-5MG



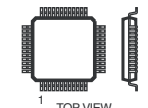
144Pin PGA

HD6433692A39FXV  
HD64F3694FXV-DA4  
TPA3004D2PHPR



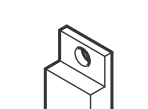
48Pin QFP

HD64F2378-12681-01

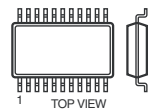


144Pin QFP

L88M05T-FA-TL



M52347FP-TE

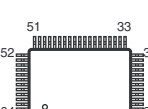


20Pin SOP

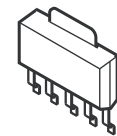
MM1431ATT



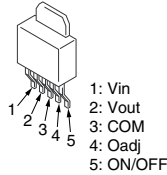
NJW1149AFH1



PQ1CY1032ZP

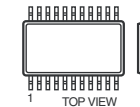


PQ1CZ41H2ZPH

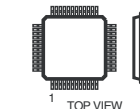


1: Vin  
2: Vout  
3: COM  
4: Oadj  
5: ON/OFF

RV5C387A-E2-FB

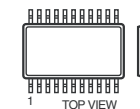


SH9993CTG100



100Pin QFP

SN74LV132APWR  
SN74LVC14APWR



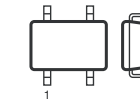
14Pin SOP

STR-A6169



8Pin DIP

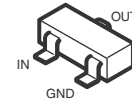
TK11819MTL



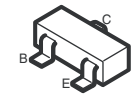
6Pin CHIP

TRANSISTOR

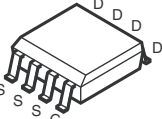
DTC114EU  
DTC114EUAFT106



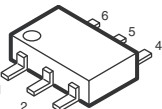
DTC114EUA-T106  
DTC115EUA-T106  
DTC144WKA-T146  
DTC314TK-T-146  
DTC323TK  
DTC323TKT146  
MUN2211T1  
MUN2212T1  
MUN5213T1  
PDTC114EK-115  
UN2211  
2PA1576R-115  
2PC4081R-115  
2PD601AR-115  
2SA1037AK-T146-QR  
2SA1037AK-T146-R  
2SA1576A-T106-QR  
2SA1774R  
2SA1774TL-QR  
2SC1623-L5L6  
2SC2412K-T-146-QR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



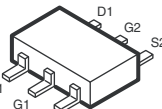
FDS6690A



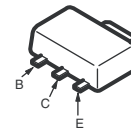
HN1B01FU-TE85R



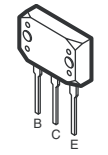
SSM6N15FU(TE85R)



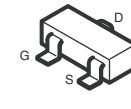
2SB1122-S  
2SB1122-ST-TD-E  
2SD1621-ST  
2SD1621ST-TD-E



2SD2114KT146

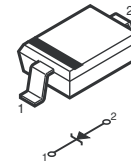


2SK2158-T2B

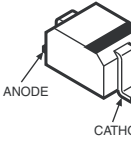


DIODE

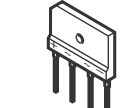
BAS316-115  
EP05FA20  
MM3Z10VT1  
MM3Z11VT1  
MM3Z13VT1  
MM3Z18VST1  
MM3Z22VT1  
MM3Z2V4T1  
MM3Z5V6ST1  
MM3Z6V2ST1  
MM3Z6V8ST1  
MM3Z8V2ST1



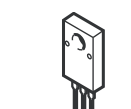
BAT54HT1  
DTZ10B  
HZU5.6GTRF  
MA113-(TX)  
MMDL914T1  
RD5.6SB-T1  
UDZ-TE-17-18B  
UDZ-TE-17-6.2B  
UDZ-TE-17-6.8B



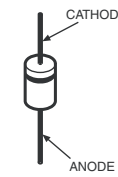
D10SBS4  
D10SBS4F  
D2SB60A-F04  
D4SB60L



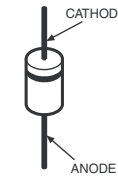
D10SC6M



D1NL40-TA2  
D1NL40-TR2  
ERA22-08



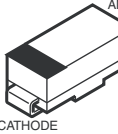
D1NS6  
D1NS6-TR  
ERA22-06AVRBT  
UF4005PKG23  
10ERB20-TB3  
1N5404TU



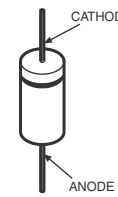
EC10QS-04  
EC10QS04-TE12L5



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



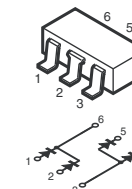
ERA22-08KFLB



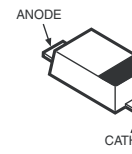
FSF05A60



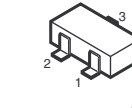
HN1D03FU-TE85L  
HN1D03FU-TE85R



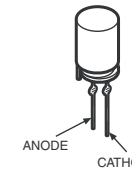
M1FM3



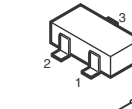
MA132WK  
MA132WK-TX  
MA151WK-TX  
1SS184



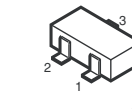
UDZSTE-1710B



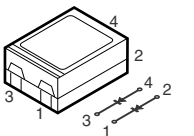
UMZ16NT106



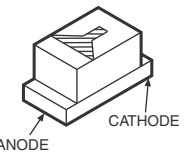
1PS302



SML-020MVT-T86



SML-310LTT86





## SECTION 4: EXPLODED VIEWS


Components not identified by a part number or description are not stocked because they are seldom required for routine service.

The component parts of an assembly are indicated by the reference numbers in the far right column of the parts list and within the dotted lines of the diagram.

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

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

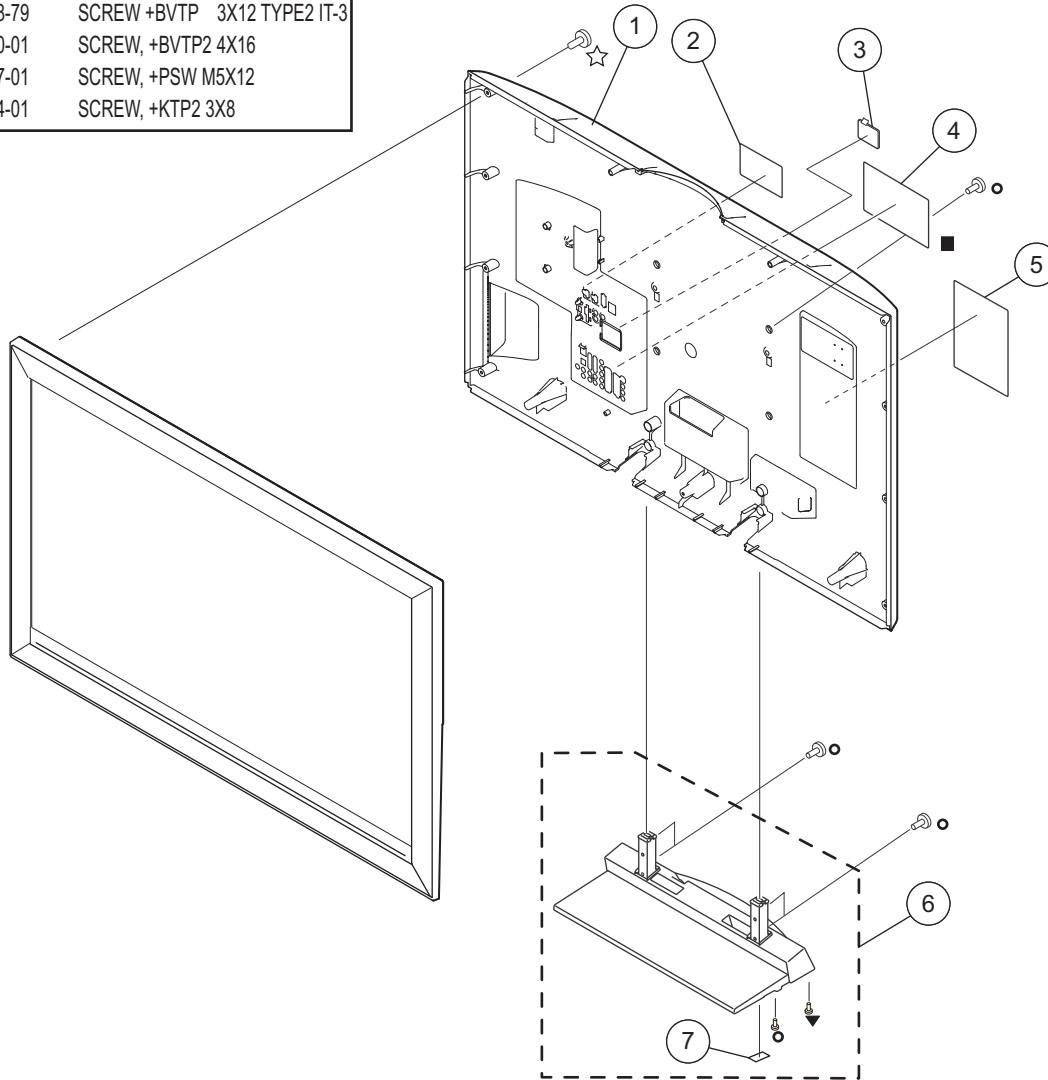
NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

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

### 4-1. REAR COVER 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-40W3000 ONLY)		*	5	3-210-611-01	LABEL, INFORMATION (KDL-40W3000 ONLY)
1	X-2179-891-1	REAR COVER ASSEMBLY (46) (KDL-46W3000 ONLY)		*	5	3-218-448-01	LABEL, INFORMATION (KDL-46W3000 ONLY)
2	3-106-918-01	LABEL, REAR TERMINAL		6	A-1257-997-A	STAND (ML) ASSEMBLY (KDL-40W3000 ONLY)	
3	3-106-917-01	LABEL, HDMI		6	A-1257-998-A	STAND (L) ASSEMBLY (KDL-46W3000 ONLY)	
4	2-673-535-11	SERVICE COVER		7	3-094-362-01	FOOT (15X30)	

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

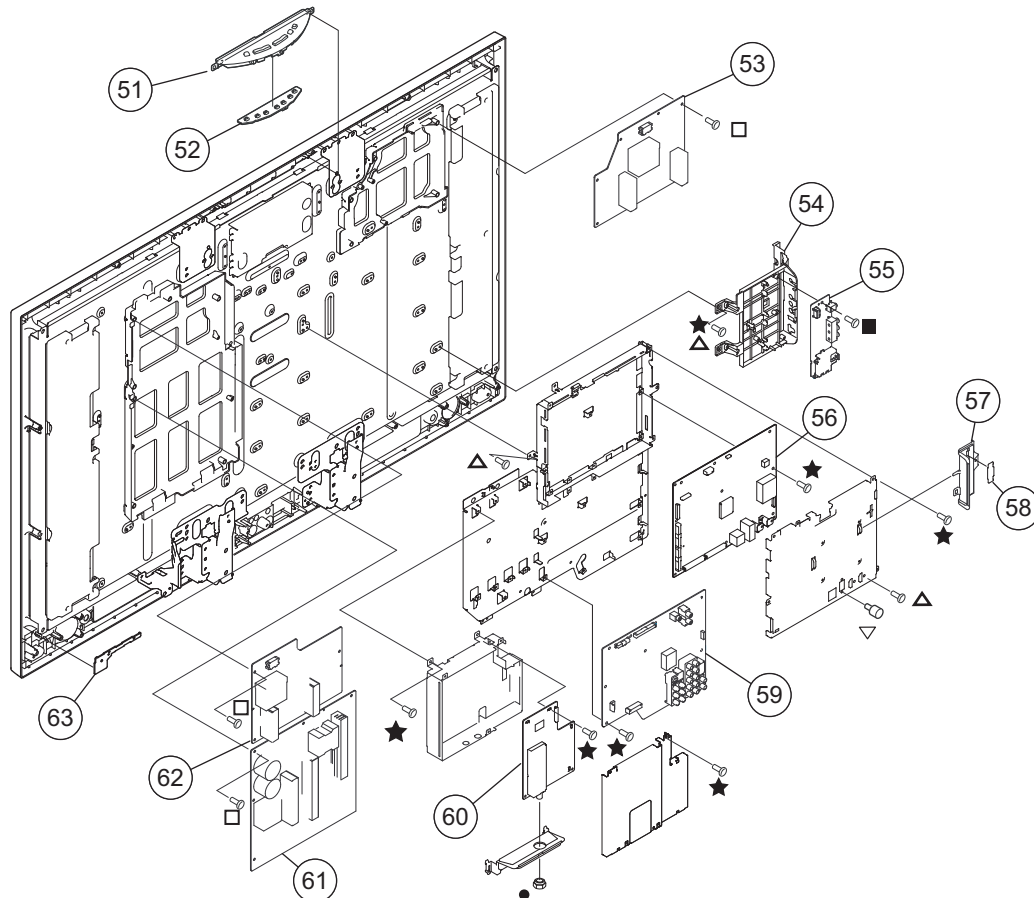
NOTE: Les composants identifiés par un trame et une marque  $\triangle$  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

NOTE: The components identified by a red outline and a  $\square$  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
$\square$	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		61	A-1256-154-B	GF1 BOARD, COMPLETE (Use this P/N for US models only)	
52	A-1226-202-B	HW1 BOARD, MOUNTED		61	A-1361-280-A	GF1BOARD, COMPLETE KIT (STT) (Use this P/N for all destinations, including US after consumption of A-1256-154-B)	
53	A-1253-586-B	DF3 BOARD, MOUNTED (STT) (KDL-46W3000 ONLY)		62	A-1256-156-B	DF1 BOARD, COMPLETE(STT) (KDL-40W3000 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.)				(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.)			
54	X-2178-833-2	SIDE TERMINAL ASSEMBLY		62	A-1253-585-B	DF2 BOARD, MOUNTED(STT) (KDL-46W3000 ONLY)	
55	A-1361-955-A	HW2 BOARD, COMPLETE		(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.)			
$\square$ 56	A-1362-638-A	FB1 BOARD, COMPLETE		63	A-1226-204-B	HW3 BOARD, MOUNTED	
57	3-106-942-02	BRACKET, CARD					
58	3-270-441-01	COVER, MS (H)					
59	A-1362-635-A	AU BOARD, COMPLETE					
60	A-1269-502-A	TU02 BOARD, MOUNTED					

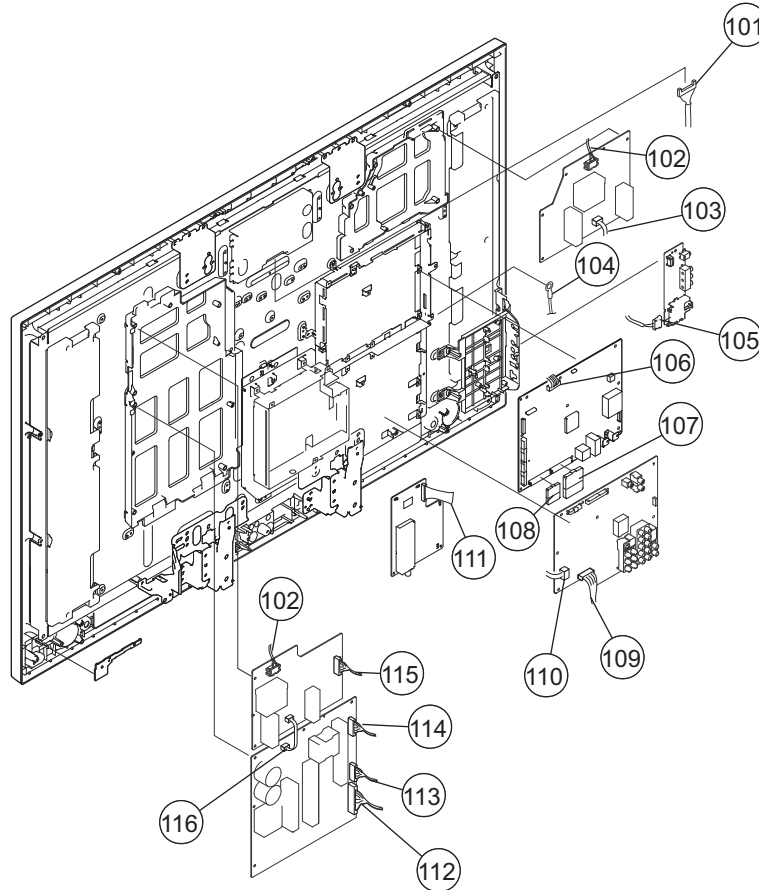
NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.

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	1-834-308-11	LEAD WIRE WITH CONNECTOR (LVDS)		109	1-910-037-36	MO1929 CONNECTOR ASSEMBLY (H) 40P (KDL-40W3000 ONLY)	
102	1-834-261-11	CONNECTOR ASSEMBLY (KDL-40W3000 ONLY)		109	1-910-037-37	MO1929 CONNECTOR ASSEMBLY (H) 40P (KDL-46W3000 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	1-910-036-83	VH CONNECTORASSEMBLY (SP) 4P (KDL-40W3000 ONLY)	
102	1-834-263-11	CONNECTOR ASSEMBLY (KDL-46W3000 ONLY)		110	1-910-036-88	VH CONNECTOR ASSEMBLY (SP) 4P (KDL-46W3000 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	1-910-036-74	FFC CONNECTOR ASSEMBLY (TU) 49P	
103	1-910-036-91	CONNECTOR ASSEMBLY (DF3) (KDL-46W3000 ONLY)		112	1-910-036-80	XA CONNECTOR ASSEMBLY (A) (KDL-40W3000 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.)		112	1-910-036-87	XA CONNECTORASSEMBLY (A) (KDL-46W3000 ONLY)	
*	104	1-910-039-50	FASTEN CONNECTOR ASSEMBLY (HW2)	113	1-910-036-82	XA CONNECTORASSEMBLY (DF1) 9P	
	105	1-834-140-11	LEAD WIRE WITH CONNECTOR (LVDS)	114	1-910-036-79	XA CONNECTORASSEMBLY (FB) 13P	
	106	1-910-037-40	MO1929 CONNECTOR ASSEMBLY (BF) 20P	115	1-910-036-86	XA CONNECTOR ASSEMBLY (BL) 5P (KDL-40W3000 ONLY)	
	107	1-821-375-11	BOARD TO BOARD CONNECTOR 80P	115	1-910-036-92	XA CONNECTOR ASSEMBLY (BL) 7P (KDL-46W3000 ONLY)	
	108	1-821-376-11	BOARD TO BOARD CONNECTOR 50P	116	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.

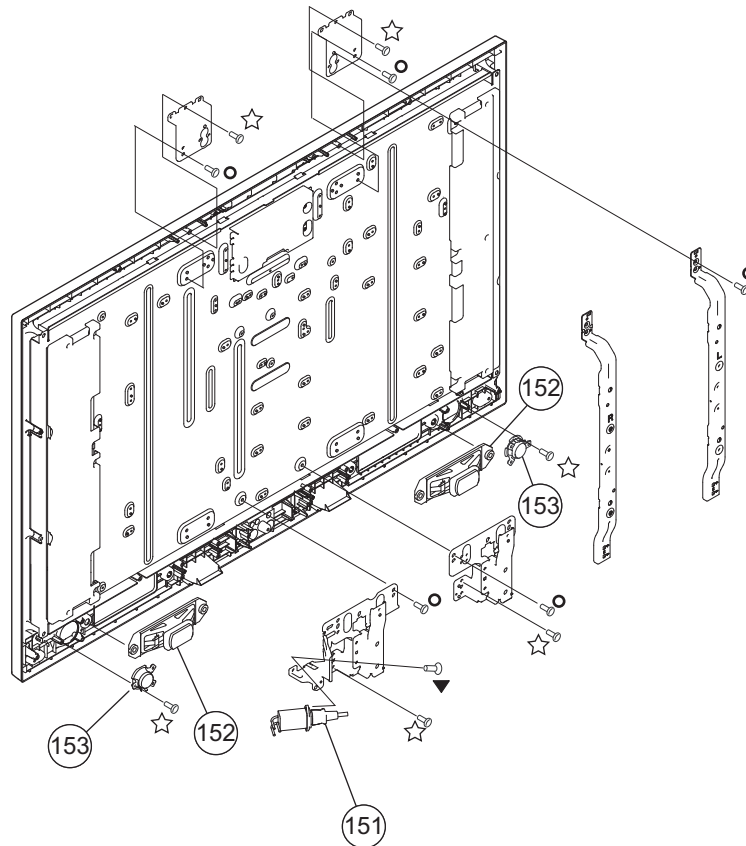
NOTE: Les composants identifiés par un triangle  $\triangle$  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

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.


### 4-4. 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-40W3000 ONLY)		152	1-826-699-11	LOUDSPEAKER (4.2X15CM) (KDL-40W3000 ONLY)	
$\triangle$ 151	1-821-380-11	INLET, AC (WITH NOISE FILTER) (KDL-46W3000 ONLY)		152	1-826-698-11	LOUD SPEAKER (5.5X15.5CM) (KDL-46W3000 ONLY)	
				153	1-826-695-11	LOUDSPEAKER (40MM TWEETER) (KDL-46W3000 ONLY)	

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

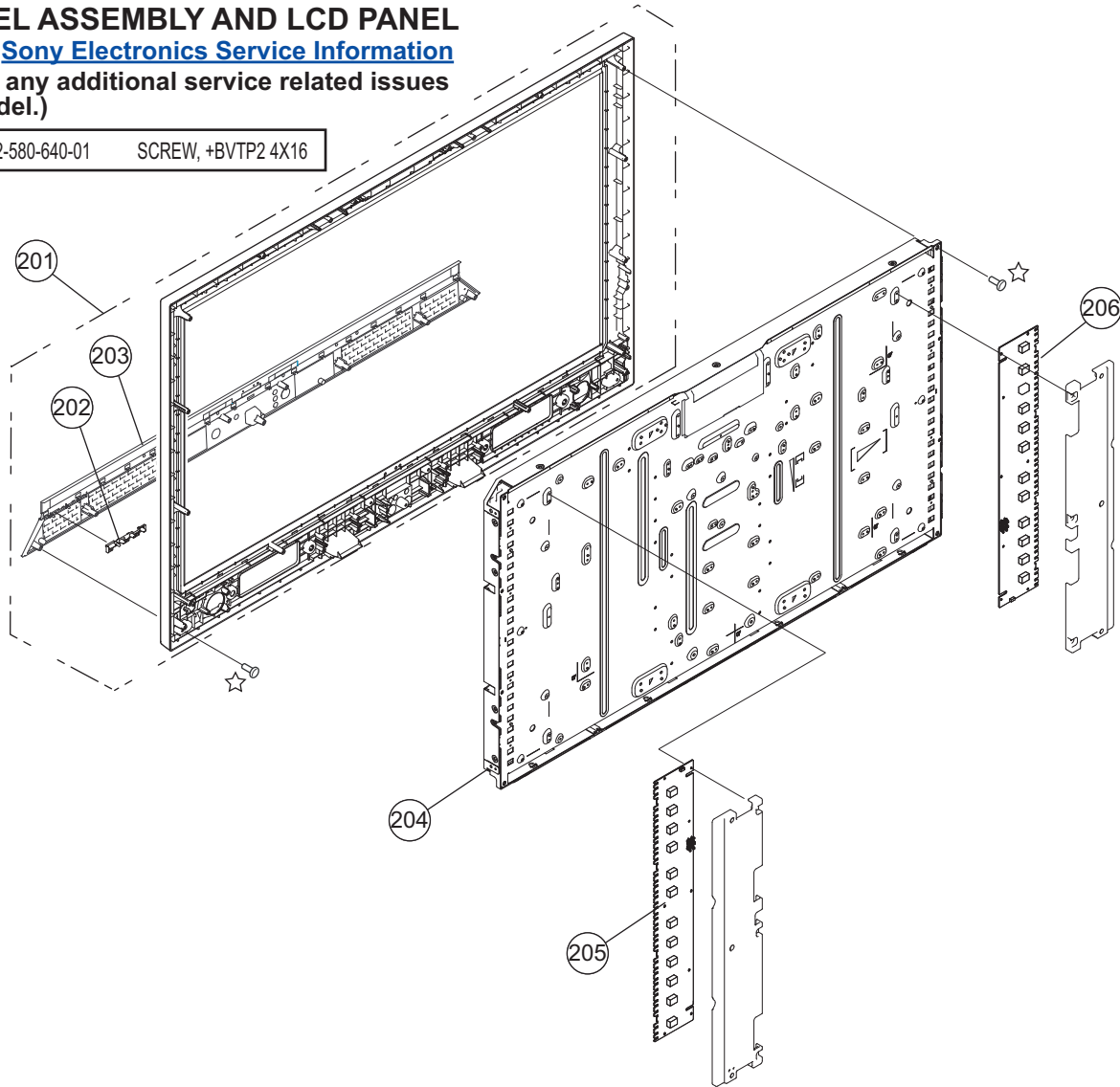
NOTE: Les composants identifiés par un trame et une marque  sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

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-2176-737-1	BEZEL ASSEMBLY (40) (KDL-40W3000 ONLY)	[202-203]	205	1-789-838-11	ETC-INVERTER MT BOARD (KDL-40W3000 ONLY)	
201	X-2176-738-1	BEZEL ASSEMBLY (46) (KDL-46W3000 ONLY)	[202-203]	205	1-789-839-11	ETC-INVERTER MT BOARD (LEFT) (KDL-46W3000 ONLY)	
202	3-198-631-01	GUIDE, LIGHT SENSOR		(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-2177-932-1	SPEAKER COVER ASSEMBLY (40) (KDL-40W3000 ONLY)		206	1-789-840-11	ETC-INVERTER MT BOARD (RIGHT) (KDL-46W3000 ONLY)	
203	X-2177-933-1	SPEAKER COVER ASSEMBLY (46) (KDL-46W3000 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.)			
204	1-802-488-12	LCD PANEL (40INCH FHD TFT) (KDL-40W3000 ONLY)					
204	1-802-486-12	LCD PANEL (46INCH FHD TFT) (KDL-46W3000 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
<div style="display: flex; justify-content: space-between; align-items: center;"> <div style="text-align: left;"> <p><b>A-1362-635-A AU BOARD, COMPLETE</b></p> <p><b>CAPACITOR</b></p> </div> <div style="text-align: right;"> <p>C257 1-100-912-11 CERAMIC CHIP 1<math>\mu</math>F 10% 25V</p> <p>C259 1-112-066-11 CERAMIC CHIP 10<math>\mu</math>F 10% 10V</p> <p>C261 1-126-396-11 ELECT CHIP 47<math>\mu</math>F 20% 16V</p> <p>C404 1-126-394-11 ELECT CHIP 10<math>\mu</math>F 20% 16V</p> <p>C405 1-126-394-11 ELECT CHIP 10<math>\mu</math>F 20% 16V</p> </div> </div>								
C001	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V		C406	1-126-394-11	ELECT CHIP	10 $\mu$ F 20% 16V
C002	1-100-421-21	ELECT CHIP	220 $\mu$ F 20% 6.3V		C407	1-126-394-11	ELECT CHIP	10 $\mu$ F 20% 16V
C003	1-137-993-21	ELECT CHIP	470 $\mu$ F 20% 16V		C408	1-126-394-11	ELECT CHIP	10 $\mu$ F 20% 16V
C004	1-137-993-21	ELECT CHIP	470 $\mu$ F 20% 16V		C409	1-126-394-11	ELECT CHIP	10 $\mu$ F 20% 16V
C005	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V		C412	1-126-394-11	ELECT CHIP	10 $\mu$ F 20% 16V
C009	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F 10% 16V		C413	1-126-394-11	ELECT CHIP	10 $\mu$ F 20% 16V
C010	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V		C418	1-114-325-11	CERAMIC CHIP	0.1 $\mu$ F 10% 25V
C013	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V		C419	1-126-396-11	ELECT CHIP	47 $\mu$ F 20% 16V
C014	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
C017	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V		C426	1-100-912-11	CERAMIC CHIP	1 $\mu$ F 10% 25V
C018	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V		C432	1-112-781-11	CERAMIC CHIP	1 $\mu$ F 10% 10V
C019	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V		C433	1-112-781-11	CERAMIC CHIP	1 $\mu$ F 10% 10V
C202	1-100-911-11	CERAMIC CHIP	4.7 $\mu$ F 10% 25V		C434	1-112-781-11	CERAMIC CHIP	1 $\mu$ F 10% 10V
C208	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
* C220	1-112-298-91	CERAMIC CHIP	1 $\mu$ F 10% 16V		C438	1-114-325-11	CERAMIC CHIP	0.1 $\mu$ F 10% 25V
C223	1-100-912-11	CERAMIC CHIP	1 $\mu$ F 10% 25V		C439	1-114-330-11	CERAMIC CHIP	2.2 $\mu$ F 10% 16V
* C224	1-112-298-91	CERAMIC CHIP	1 $\mu$ F 10% 16V		C440	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		C443	1-114-330-11	CERAMIC CHIP	2.2 $\mu$ F 10% 16V
C228	1-164-936-11	CERAMIC CHIP	680pF 10% 50V		C447	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		C448	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		C449	1-114-330-11	CERAMIC CHIP	2.2 $\mu$ F 10% 16V
C231	1-100-911-11	CERAMIC CHIP	4.7 $\mu$ F 10% 25V		C450	1-100-912-11	CERAMIC CHIP	1 $\mu$ F 10% 25V
C233	1-164-858-11	CERAMIC CHIP	22pF 5% 50V		C453	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F 10% 16V
C240	1-100-912-11	CERAMIC CHIP	1 $\mu$ F 10% 25V		C454	1-114-330-11	CERAMIC CHIP	2.2 $\mu$ F 10% 16V
C241	1-100-912-11	CERAMIC CHIP	1 $\mu$ F 10% 25V		C455	1-114-330-11	CERAMIC CHIP	2.2 $\mu$ F 10% 16V
C244	1-112-066-11	CERAMIC CHIP	10 $\mu$ F 10% 10V		C456	1-114-330-11	CERAMIC CHIP	2.2 $\mu$ F 10% 16V
C245	1-112-066-11	CERAMIC CHIP	10 $\mu$ F 10% 10V		C458	1-131-661-21	ELECT CHIP	100 $\mu$ F 20% 10V
C248	1-100-912-11	CERAMIC CHIP	1 $\mu$ F 10% 25V		C464	1-100-912-11	CERAMIC CHIP	1 $\mu$ F 10% 25V
C252	1-100-911-11	CERAMIC CHIP	4.7 $\mu$ F 10% 25V		C466	1-100-421-21	ELECT CHIP	220 $\mu$ F 20% 6.3V
C254	1-100-911-11	CERAMIC CHIP	4.7 $\mu$ F 10% 25V		C470	1-126-396-11	ELECT CHIP	47 $\mu$ F 20% 16V



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
C1235	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V				
C1236	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V				
C1237	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V				
C1238	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V				
C1239	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V				
C1241	1-164-848-11	CERAMIC CHIP	8pF	0.50pF	50V				
C1242	1-164-849-11	CERAMIC CHIP	9pF	0.50pF	50V				
C1243	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V				
C1244	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V				
C1246	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V				
C1247	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V				
C1251	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V				
C1252	1-112-066-11	CERAMIC CHIP	10μF	10%	10V				
C1253	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V				
C1254	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V				
C1451	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V				
C1452	1-131-661-21	ELECT CHIP	100μF	20%	10V				
C1453	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V				
C1454	1-164-872-11	CERAMIC CHIP	82pF	5%	50V				
C1455	1-114-320-11	CERAMIC CHIP	0.22μF	10%	6.3V				
C1456	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V				
C1457	1-164-874-11	CERAMIC CHIP	100pF	5%	50V				
C1601	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V				
C1602	1-117-681-11	ELECT CHIP	100μF	20%	16V				
C1603	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V				
C1605	1-112-861-11	ELECT CHIP	150μF	20%	16V				
C1606	1-112-775-11	CERAMIC CHIP	0.0022μF	10%	50V				
C1607	1-112-781-11	CERAMIC CHIP	1μF	10%	10V				
C1608	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V				
C1609	1-128-360-11	ELECT CHIP	220μF	20%	10V				
C1613	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V				
<b>CONNECTOR</b>									
CN001	1-819-339-11	HEADER ASSEMBLY FOR PWB							
CN004	1-821-077-11	HEADER ASSEMBLY FOR PWB							
CN005	1-821-378-11	BOARD TO BOARD CONNECTOR							
CN006	1-821-377-11	BOARD TO BOARD CONNECTOR							
CN007	1-779-936-51	CONNECTOR, FFC/FPC			18P				
CN008	1-779-071-51	CONNECTOR, FFC/FPC			16P				
* CN801	1-580-838-11	PIN, CONNECTOR (PC BOARD)			4P				
CN1201	1-778-226-21	CONNECTOR, BOARD TO BOARD			6P				
CN1602	1-819-337-11	HEADER ASSEMBLY FOR PWB							
						<b>DIODE</b>			
						* D017	6-501-732-01	DIODE	MAZ8056G0LS0
						* D018	6-501-732-01	DIODE	MAZ8056G0LS0
						* D019	6-501-732-01	DIODE	MAZ8056G0LS0
						D201	6-501-740-01	DIODE	MAZ8068G0LS0
						D205	6-501-657-01	DIODE	MA24D5000BS0
						D212	6-500-579-01	DIODE	PTZ-TE25-6.8B
						D402	6-501-758-01	DIODE	MAZ8100G0LS0
						D421	6-500-335-01	DIODE	MC2838-T112-1
						D422	6-500-335-01	DIODE	MC2838-T112-1
						D423	6-501-817-01	DIODE	MA2J1110GLS0
						D424	6-501-817-01	DIODE	MA2J1110GLS0
						D803	6-501-749-01	DIODE	MAZ8082G0LS0
						D806	6-500-334-01	DIODE	MC2836-T112-1
						D807	6-501-817-01	DIODE	MA2J1110GLS0
						D808	6-501-817-01	DIODE	MA2J1110GLS0
						* D809	6-501-732-01	DIODE	MAZ8056G0LS0
						* D810	6-501-732-01	DIODE	MAZ8056G0LS0
						* D811	6-501-732-01	DIODE	MAZ8056G0LS0
						* D812	6-501-732-01	DIODE	MAZ8056G0LS0
						* D813	6-501-732-01	DIODE	MAZ8056G0LS0
						D1205	6-500-334-01	DIODE	MC2836-T112-1
						D1206	6-500-334-01	DIODE	MC2836-T112-1
						D1213	6-500-335-01	DIODE	MC2838-T112-1
						D1214	6-500-334-01	DIODE	MC2836-T112-1
						D1601	6-500-701-01	DIODE	PGB1010603NR
						D1602	6-500-701-01	DIODE	PGB1010603NR
						D1603	6-501-336-01	DIODE	RSX201L-30TE25
						D1604	6-501-529-01	DIODE	1SMA5920BT3G
						<b>EARTH TERMINAL</b>			
						ET1551	1-780-482-11	EARTH TERMINAL	
						ET1552	1-780-482-11	EARTH TERMINAL	
						ET1553	1-780-482-11	EARTH TERMINAL	
						ET1554	1-780-482-11	EARTH TERMINAL	
						ET1555	1-780-482-11	EARTH TERMINAL	
						ET1556	1-780-482-11	EARTH TERMINAL	
						ET1557	1-780-482-11	EARTH TERMINAL	
						ET1558	1-780-482-11	EARTH TERMINAL	
						ET1559	1-780-482-11	EARTH TERMINAL	
						ET1560	1-780-482-11	EARTH TERMINAL	
						ET1561	1-780-482-11	EARTH TERMINAL	
						ET1562	1-780-482-11	EARTH TERMINAL	
						ET1563	1-780-482-11	EARTH TERMINAL	
						ET1564	1-780-482-11	EARTH TERMINAL	
						ET1565	1-780-482-11	EARTH TERMINAL	



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
<b><u>FUSE</u></b>							
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><u>FERRITE BEAD</u></b>							
FB001	1-400-089-21	FERRITE	0μH	FB202	1-400-180-21	FERRITE	0μH
FB002	1-469-082-21	FERRITE	0μH	FB206	1-400-794-21	FERRITE	0μH
FB006	1-469-082-21	FERRITE	0μH	FB803	1-400-833-21	FERRITE	0μH
FB007	1-469-082-21	FERRITE	0μH	<b><u>FILTER</u></b>			
FB008	1-469-082-21	FERRITE	0μH	FL001	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
FB009	1-469-082-21	FERRITE	0μH	FL002	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
FB010	1-469-082-21	FERRITE	0μH	FL003	1-234-494-21	FILTER, EMI REMOVAL (SMD)	
FB011	1-469-082-21	FERRITE	0μH	<b><u>IC</u></b>			
FB012	1-469-082-21	FERRITE	0μH	IC001	6-709-731-01	IC	ADT75ARZ-REEL
FB014	1-469-082-21	FERRITE	0μH	IC205	6-710-922-01	IC	BD9853AFV-E2
FB015	1-469-082-21	FERRITE	0μH	IC206	6-708-603-01	IC	PQ070XNA1ZPH
FB016	1-469-082-21	FERRITE	0μH	IC207	6-708-603-01	IC	PQ070XNA1ZPH
FB017	1-469-082-21	FERRITE	0μH	IC208	6-708-762-01	IC	PQ200WNA1ZPH
FB018	1-469-082-21	FERRITE	0μH	IC210	6-708-603-01	IC	PQ070XNA1ZPH
FB019	1-469-082-21	FERRITE	0μH	IC401	6-709-777-01	IC	ADA4861-3YRZ-RL7
FB020	1-469-082-21	FERRITE	0μH	IC402	8-753-289-65	IC	CXA2240AR-TL
FB021	1-469-082-21	FERRITE	0μH	IC802	6-711-253-01	IC	CXD9890AQ
FB022	1-469-082-21	FERRITE	0μH	IC804	8-759-278-58	IC	NJM4558V-TE2
FB023	1-469-082-21	FERRITE	0μH	IC805	8-759-278-58	IC	NJM4558V-TE2
FB024	1-469-082-21	FERRITE	0μH	IC807	6-709-927-01	IC	RT8H225C-TP-2
FB025	1-469-082-21	FERRITE	0μH	IC808	6-710-904-01	IC	TPA3100D2PHPR
FB026	1-469-082-21	FERRITE	0μH	IC810	8-759-359-49	IC	NJM3414AV(Te2)
FB027	1-469-082-21	FERRITE	0μH	IC811	6-709-927-01	IC	RT8H225C-TP-2
FB028	1-469-082-21	FERRITE	0μH	IC812	6-709-927-01	IC	RT8H225C-TP-2
FB029	1-469-082-21	FERRITE	0μH	IC813	8-759-592-48	IC	TC7SZ32FU(Te85R)
FB030	1-469-082-21	FERRITE	0μH	IC1202	6-709-901-01	IC	MM3121JPLE
FB031	1-469-082-21	FERRITE	0μH	IC1203	6-705-373-01	IC	MM3123DPLE
FB032	1-469-082-21	FERRITE	0μH	IC1204	6-704-607-01	IC	M24C16-WMN6T(B)
FB033	1-469-082-21	FERRITE	0μH	IC1205	6-807-553-01	IC	MB91F314APMC-G-101E1
FB034	1-469-082-21	FERRITE	0μH	IC1206	6-703-175-01	IC	PST3629UL
FB035	1-469-082-21	FERRITE	0μH	IC1208	6-701-185-01	IC	MC74VHC1G125DFT1
FB036	1-469-082-21	FERRITE	0μH	IC1209	6-701-185-01	IC	MC74VHC1G125DFT1
FB037	1-469-082-21	FERRITE	0μH	IC1601	6-709-441-01	IC	SI8008TM-TL
FB038	1-400-089-21	FERRITE	0μH	IC1602	6-711-288-01	IC	MIC2005-0.5YM6TR
FB044	1-469-082-21	FERRITE	0μH	<b><u>JACK</u></b>			
FB045	1-400-179-21	FERRITE	0μH	* J402	1-819-358-11	PHONO JACK	
FB046	1-400-179-21	FERRITE	0μH	* J403	1-819-358-11	PHONO JACK	
FB047	1-400-179-21	FERRITE	0μH	J404	1-507-792-00	JACK	
FB048	1-400-179-21	FERRITE	0μH	J405	1-821-064-11	PHONO JACK	10P



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
<b><u>COIL</u></b>				Q422	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
L203	1-424-922-21	INDUCTOR	10μH	Q423	8-729-027-43	TRANSISTOR	DTC114EKA-T146
L403	1-481-234-21	INDUCTOR	10μH	Q424	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
L404	1-481-234-21	INDUCTOR	10μH	Q803	8-729-038-28	TRANSISTOR	RT1N441C-TP-1
L405	1-481-234-21	INDUCTOR	10μH	Q804	6-551-364-01	TRANSISTOR	DTC614TUT106
L406	1-481-234-21	INDUCTOR	10μH	Q805	6-551-364-01	TRANSISTOR	DTC614TUT106
L407	1-481-234-21	INDUCTOR	10μH	Q806	6-551-321-01	TRANSISTOR	RT3WLMM-TP-1F
L803	1-469-555-21	INDUCTOR	10μH	Q809	6-551-271-01	TRANSISTOR	RT3AMMM
L804	1-469-555-21	INDUCTOR	10μH	Q810	6-551-271-01	TRANSISTOR	RT3AMMM
L805	1-469-555-21	INDUCTOR	10μH	Q811	8-729-027-43	TRANSISTOR	DTC114EKA-T146
L809	1-469-555-21	INDUCTOR	10μH	Q812	6-551-364-01	TRANSISTOR	DTC614TUT106
L810	1-481-083-11	INDUCTOR	22μH	Q813	6-551-364-01	TRANSISTOR	DTC614TUT106
L811	1-457-485-11	INDUCTOR	22μH	Q824	8-729-027-43	TRANSISTOR	DTC114EKA-T146
L812	1-457-485-11	INDUCTOR	22μH	Q826	8-729-027-43	TRANSISTOR	DTC114EKA-T146
L813	1-457-485-11	INDUCTOR	22μH	Q827	8-729-027-43	TRANSISTOR	DTC114EKA-T146
L814	1-457-485-11	INDUCTOR	22μH	Q828	6-551-551-01	TRANSISTOR	RT3N77M-TP-1
L1201	1-469-555-21	INDUCTOR	10μH	Q829	6-551-690-01	TRANSISTOR	RT3N11M-TP-1
L1202	1-469-555-21	INDUCTOR	10μH	Q1208	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
L1203	1-469-555-21	INDUCTOR	10μH	Q1213	8-729-027-43	TRANSISTOR	DTC114EKA-T146
L1205	1-481-234-21	INDUCTOR	10μH	Q1214	8-729-038-28	TRANSISTOR	RT1N441C-TP-1
L1451	1-469-555-21	INDUCTOR	10μH	Q1215	8-729-027-23	TRANSISTOR	DTA114EKA-T146
L1452	1-400-179-21	FERRITE	0μH	Q1216	8-729-027-43	TRANSISTOR	DTC114EKA-T146
L1601	1-416-344-11	INDUCTOR	10μH	Q1217	6-551-456-01	TRANSISTOR	RTR020P02TL
* L1602	1-813-308-11	INDUCTOR	0μH	Q1218	8-729-027-43	TRANSISTOR	DTC114EKA-T146
L1603	1-416-606-11	INDUCTOR	47μH	Q1220	6-551-271-01	TRANSISTOR	RT3AMMM
<b><u>IC LINK</u></b>				Q1221	6-551-271-01	TRANSISTOR	RT3AMMM
PS1601	1-576-736-41	IC LINK	3.15A 24V	Q1222	6-551-321-01	TRANSISTOR	RT3WLMM-TP-1F
<b><u>TRANSISTOR</u></b>				Q1224	6-551-693-01	TRANSISTOR	RT3T11M-TP-1
Q207	6-551-382-01	TRANSISTOR	RSS040P03FD5TB	Q1451	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
Q210	8-729-027-43	TRANSISTOR	DTC114EKA-T146	Q1452	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
Q212	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF	Q1601	8-729-038-28	TRANSISTOR	RT1N441C-TP-1
Q214	6-551-321-01	TRANSISTOR	RT3WLMM-TP-1F	Q1602	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
Q403	8-729-122-63	TRANSISTOR	2SA1226-E4	<b><u>RESISTOR</u></b>			
Q406	8-729-122-63	TRANSISTOR	2SA1226-E4	R012	1-218-990-81	SHORT CHIP	
Q407	8-729-122-63	TRANSISTOR	2SA1226-E4	R013	1-218-990-81	SHORT CHIP	
Q408	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	R014	1-218-990-81	SHORT CHIP	
Q409	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	R016	1-218-990-81	SHORT CHIP	
Q414	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	R026	1-218-990-81	SHORT CHIP	
Q415	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	R027	1-218-990-81	SHORT CHIP	
Q416	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF	R028	1-218-990-81	SHORT CHIP	
Q419	8-729-027-43	TRANSISTOR	DTC114EKA-T146	R029	1-218-990-81	SHORT CHIP	
Q420	6-550-832-01	TRANSISTOR	SI2301BDS-T1	R030	1-218-990-81	SHORT CHIP	
Q421	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LE	R031	1-218-990-81	SHORT CHIP	



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
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	
R096	1-218-990-81	SHORT CHIP		R287	1-218-965-11	RES-CHIP	10K 5% 1/16W
R098	1-218-990-81	SHORT CHIP		R289	1-218-990-81	SHORT CHIP	
R104	1-218-990-81	SHORT CHIP		R291	1-208-699-11	METAL CHIP	4.7K 0.50% 1/16W
R105	1-218-990-81	SHORT CHIP		R292	1-218-941-11	RES-CHIP	100 5% 1/16W
R106	1-218-990-81	SHORT CHIP		R293	1-208-683-11	METAL CHIP	1K 0.50% 1/16W



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
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			
R465	1-211-969-11	METAL CHIP	10	0.50%	1/10W	R573	1-218-990-81	SHORT CHIP			
R466	1-211-969-11	METAL CHIP	10	0.50%	1/10W	R574	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R467	1-211-969-11	METAL CHIP	10	0.50%	1/10W	R575	1-218-941-81	RES-CHIP	100	5%	1/16W
R471	1-218-983-11	RES-CHIP	330K	5%	1/16W	R578	1-218-937-11	RES-CHIP	47	5%	1/16W
R472	1-218-983-11	RES-CHIP	330K	5%	1/16W	R579	1-218-937-11	RES-CHIP	47	5%	1/16W





REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
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
R815	1-218-937-11	RES-CHIP	47	5%	1/16W	R892	1-218-965-11	RES-CHIP	10K	5%	1/16W
R816	1-218-937-11	RES-CHIP	47	5%	1/16W	R893	1-218-965-11	RES-CHIP	10K	5%	1/16W
R824	1-208-855-81	METAL CHIP	47	0.50%	1/16W	R894	1-218-973-11	RES-CHIP	47K	5%	1/16W
R825	1-208-855-81	METAL CHIP	47	0.50%	1/16W	R895	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W
R833	1-218-945-11	RES-CHIP	220	5%	1/16W	R898	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
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
R954	1-216-295-91	SHORT CHIP				R1237	1-218-937-11	RES-CHIP	47	5%	1/16W
R955	1-216-295-91	SHORT CHIP				R1238	1-218-937-11	RES-CHIP	47	5%	1/16W
R956	1-216-813-11	METAL CHIP	220	5%	1/10W	R1247	1-218-941-81	RES-CHIP	100	5%	1/16W
R957	1-216-813-11	METAL CHIP	220	5%	1/10W	R1248	1-218-941-81	RES-CHIP	100	5%	1/16W
R958	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1249	1-218-941-81	RES-CHIP	100	5%	1/16W



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
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			
R1309	1-218-953-11	RES-CHIP	1K	5%	1/16W	R1610	1-208-697-11	METAL CHIP	3.9K	0.50%	1/16W
R1312	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1611	1-208-675-11	METAL CHIP	470	0.50%	1/16W
R1315	1-218-953-11	RES-CHIP	1K	5%	1/16W	R1612	1-208-885-11	METAL CHIP	820	0.50%	1/16W
R1320	1-218-965-11	RES-CHIP	10K	5%	1/16W	R1613	1-218-953-11	RES-CHIP	1K	5%	1/16W
R1321	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R1620	1-216-864-11	SHORT CHIP			



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES
R1625	1-216-295-91	SHORT CHIP							
R1626	1-218-965-11	RES-CHIP	10K	5%	1/16W				
	<b>RESISTOR BRIDGE</b>								
RB001	1-234-943-21	RES, NETWORK 22	(1005X4)						
RB002	1-234-943-21	RES, NETWORK 22	(1005X4)						
RB003	1-234-943-21	RES, NETWORK 22	(1005X4)						
RB004	1-234-711-21	RES, CHIP NETWORK	22X8	(3816)					
RB005	1-239-666-81	RESISTOR, NETWORK 22							
RB401	1-246-204-21	RES, CHIP NETWORK	600X8	(3816)					
RB402	1-246-204-21	RES, CHIP NETWORK	600X8	(3816)					
RB403	1-246-204-21	RES, CHIP NETWORK	600X8	(3816)					
RB404	1-246-204-21	RES, CHIP NETWORK	600X8	(3816)					
RB405	1-246-204-21	RES, CHIP NETWORK	600X8	(3816)					
RB406	1-246-204-21	RES, CHIP NETWORK	600X8	(3816)					
RB407	1-246-204-21	RES, CHIP NETWORK	600X8	(3816)					
RB408	1-246-204-21	RES, CHIP NETWORK	600X8	(3816)					
RB409	1-246-204-21	RES, CHIP NETWORK	600X8	(3816)					
RB410	1-246-204-21	RES, CHIP NETWORK	600X8	(3816)					
RB801	1-239-698-11	RESISTOR, NETWORK 10K							
RB802	1-234-381-21	RES, NETWORK 100K	(1005X4)						
RB803	1-234-378-11	RES, NETWORK 10K	(1005X4)						
RB804	1-234-378-11	RES, NETWORK 10K	(1005X4)						
RB805	1-239-674-81	RESISTOR, NETWORK 100							
RB807	1-234-944-21	RES, NETWORK 47	(1005X4)						
RB808	1-239-698-11	RESISTOR, NETWORK 10K							
RB810	1-239-674-81	RESISTOR, NETWORK 100							
RB811	1-239-698-11	RESISTOR, NETWORK 10K							
RB1201	1-234-944-21	RES, NETWORK 47	(1005X4)						
RB1202	1-234-944-21	RES, NETWORK 47	(1005X4)						
RB1203	1-234-378-11	RES, NETWORK 10K	(1005X4)						
RB1204	1-234-378-11	RES, NETWORK 10K	(1005X4)						
RB1205	1-234-945-21	RES, NETWORK 100	(1005X4)						
RB1206	1-234-945-21	RES, NETWORK 100	(1005X4)						
RB1207	1-234-945-21	RES, NETWORK 100	(1005X4)						
RB1208	1-234-945-21	RES, NETWORK 100	(1005X4)						
RB1209	1-234-945-21	RES, NETWORK 100	(1005X4)						
RB1210	1-234-945-21	RES, NETWORK 100	(1005X4)						
RB1211	1-234-945-21	RES, NETWORK 100	(1005X4)						
RB1212	1-234-375-21	RES, NETWORK 1K	(1005X4)						
RB1213	1-234-375-21	RES, NETWORK 1K	(1005X4)						
RB1214	1-234-375-21	RES, NETWORK 1K	(1005X4)						
RB1215	1-239-690-81	RESISTOR, NETWORK 2.2K							
RB1216	1-239-698-11	RESISTOR, NETWORK 10K							
						<b>TRANSFORMER</b>			
TB401	1-780-487-11	S TERMINAL BLOCK							
TB404	1-821-026-11	OPTICAL OUT TERMINAL							
						<b>VARISTOR</b>			
VD016	1-802-090-21	VARISTOR, CHIP							
VD017	1-802-090-21	VARISTOR, CHIP							
VD018	1-802-090-21	VARISTOR, CHIP							
VD019	1-802-090-21	VARISTOR, CHIP							
VD020	1-802-090-21	VARISTOR, CHIP							
VD021	1-802-090-21	VARISTOR, CHIP							
VD022	1-802-090-21	VARISTOR, CHIP							
VD023	1-802-090-21	VARISTOR, CHIP							
VD024	1-802-090-21	VARISTOR, CHIP							
VD025	1-802-090-21	VARISTOR, CHIP							
VD026	1-802-090-21	VARISTOR, CHIP							
VD027	1-802-090-21	VARISTOR, CHIP							
VD028	1-802-090-21	VARISTOR, CHIP							
VD029	1-802-090-21	VARISTOR, CHIP							
VD030	1-802-090-21	VARISTOR, CHIP							
VD031	1-802-090-21	VARISTOR, CHIP							
VD032	1-802-090-21	VARISTOR, CHIP							
VD033	1-802-090-21	VARISTOR, CHIP							
VD440	1-802-090-21	VARISTOR, CHIP							
VD441	1-802-090-21	VARISTOR, CHIP							
VD442	1-802-090-21	VARISTOR, CHIP							
VD443	1-802-090-21	VARISTOR, CHIP							
VD444	1-802-090-21	VARISTOR, CHIP							
VD445	1-802-090-21	VARISTOR, CHIP							
VD446	1-802-090-21	VARISTOR, CHIP							
VD447	1-802-090-21	VARISTOR, CHIP							
VD448	1-802-090-21	VARISTOR, CHIP							
VD449	1-802-090-21	VARISTOR, CHIP							
VD450	1-802-090-21	VARISTOR, CHIP							
VD451	1-802-090-21	VARISTOR, CHIP							
VD452	1-802-090-21	VARISTOR, CHIP							
VD453	1-802-090-21	VARISTOR, CHIP							
VD454	1-802-090-21	VARISTOR, CHIP							
VD455	1-802-090-21	VARISTOR, CHIP							
VD456	1-802-090-21	VARISTOR, CHIP							
VD457	1-802-090-21	VARISTOR, CHIP							
VD458	1-802-090-21	VARISTOR, CHIP							
VD459	1-802-090-21	VARISTOR, CHIP							
VD460	1-802-090-21	VARISTOR, CHIP							
VD461	1-802-090-21	VARISTOR, 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.



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
VD462	1-802-090-21	VARISTOR, CHIP				C6724	1-127-804-91	CERAMIC CHIP	100pF	1%	50V
VD463	1-802-090-21	VARISTOR, CHIP				C6725	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
VD464	1-802-090-21	VARISTOR, CHIP				C6726	1-127-573-11	CERAMIC CHIP	1 $\mu$ F	10%	16V
VD465	1-802-090-21	VARISTOR, CHIP				C6727	1-165-908-11	CERAMIC CHIP	1 $\mu$ F	10%	10V
VD466	1-802-090-21	VARISTOR, CHIP				C6728	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
VD467	1-802-090-21	VARISTOR, CHIP				C6729	1-107-882-91	ELECT	100 $\mu$ F	20%	16V
VD468	1-802-090-21	VARISTOR, CHIP				C6730	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
VD469	1-802-090-21	VARISTOR, CHIP				C6731	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V
VD1602	1-802-090-21	VARISTOR, CHIP				C6732	1-100-591-91	CERAMIC CHIP	1 $\mu$ F	10%	25V
						C6735	1-165-176-11	CERAMIC CHIP	0.047 $\mu$ F	10%	16V
<b>CRYSTAL</b>						C6738	1-165-908-11	CERAMIC CHIP	1 $\mu$ F	10%	10V
X401	1-813-124-21	VIBRATOR, CERAMIC				C6739	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
X801	1-813-462-11	VIBRATOR, CRYSTAL 24.576MHZ				C6740	1-107-882-91	ELECT	100 $\mu$ F	20%	16V
X1201	1-813-999-11	VIBRATOR, CRYSTAL				C6741	1-165-908-11	CERAMIC CHIP	1 $\mu$ F	10%	10V
X1202	1-814-004-11	VIBRATOR, CRYSTAL				C6742	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V
<b>DF1</b>						C6743	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V
<b>A-1256-156-B DF1 BOARD, COMPLETE(STT) (KDL-40W3000 ONLY)</b>						C6744	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V
2-580-592-01 SCREW, +PSW M3X8						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		
C6717	1-164-217-11	CERAMIC CHIP	150pF	5%	50V	* CN6707	1-779-944-21	PIN, CONNECTOR (PC BOARD)	4P		
C6718	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V	* CN6708	1-785-701-21	PIN, CONNECTOR (PC BOARD)	3P		
C6719	1-164-315-11	CERAMIC CHIP	470pF	5%	50V	<b>DIODE</b>					
C6720	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V	D6600	6-501-818-01	DIODE	MA2J1130GLS0		
C6721	1-165-908-11	CERAMIC CHIP	1 $\mu$ F	10%	10V	D6601	6-501-818-01	DIODE	MA2J1130GLS0		
C6723	1-165-908-11	CERAMIC CHIP	1 $\mu$ F	10%	10V	D6604	6-501-497-01	DIODE	S3L60F		
						D6605	6-501-497-01	DIODE	S3L60F		

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**

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
D6606	6-501-497-01	DIODE	S3L60F				
D6607	6-501-497-01	DIODE	S3L60F				
D6608	6-501-818-01	DIODE	MA2J1130GLS0				
D6609	6-501-818-01	DIODE	MA2J1130GLS0				
D6612	6-501-497-01	DIODE	S3L60F				
D6613	6-501-497-01	DIODE	S3L60F				
D6614	6-501-497-01	DIODE	S3L60F				
D6615	6-501-497-01	DIODE	S3L60F				
D6620	8-719-083-57	DIODE	UDZSTE-173.6B				
D6621	8-719-083-57	DIODE	UDZSTE-173.6B				
D6623	8-719-083-57	DIODE	UDZSTE-173.6B				
D6624	8-719-083-57	DIODE	UDZSTE-173.6B				
D6625	6-500-137-01	DIODE	BAT54HT1				
D6700	6-501-730-01	DIODE	MAZ8051GMLS0				
D6701	6-501-730-01	DIODE	MAZ8051GMLS0				
D6702	6-501-817-01	DIODE	MA2J1110GLS0				
D6703	6-501-817-01	DIODE	MA2J1110GLS0				
D6704	8-719-062-51	DIODE	1PS226-115				
D6705	8-719-062-51	DIODE	1PS226-115				
D6708	6-501-817-01	DIODE	MA2J1110GLS0				
D6709	6-501-740-01	DIODE	MAZ8068G0LS0				
D6710	6-501-740-01	DIODE	MAZ8068G0LS0				
D6714	6-501-717-01	DIODE	MAZ8039G0LS0				
D6715	6-501-717-01	DIODE	MAZ8039G0LS0				
D6717	6-500-335-01	DIODE	MC2838-T112-1				
D6718	6-501-817-01	DIODE	MA2J1110GLS0				
D6720	8-719-062-51	DIODE	1PS226-115				
D6721	6-501-768-01	DIODE	MAZ8120GMLS0				
<b>GROUND TERMINAL BOARD</b>							
ET6700	1-537-770-21	TERMINAL BOARD, GROUND					
ET6701	1-537-770-21	TERMINAL BOARD, GROUND					
<b>FERRITE BEAD</b>							
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				
FB6605	1-410-396-41	FERRITE	0.45 $\mu$ H				
FB6606	1-412-911-11	FERRITE	0 $\mu$ H				
FB6607	1-410-396-41	FERRITE	0.45 $\mu$ H				
FB6608	1-481-256-11	FERRITE	0 $\mu$ H				
FB6609	1-481-256-11	FERRITE	0 $\mu$ H				
				<b>IC</b>			
				IC6702	6-708-762-01	IC	PQ200WNA1ZPH
				* IC6703	8-759-575-27	IC	BA10339F-E2
				IC6704	6-709-368-01	IC	MM1431ATT (CN)
				<b>CHIP CONDUCTOR</b>			
				JR6700	1-216-296-11	SHORT CHIP	
				JR6701	1-216-296-11	SHORT CHIP	
				JR6702	1-216-296-11	SHORT CHIP	
				JR6703	1-216-296-11	SHORT CHIP	
				JR6704	1-216-296-11	SHORT CHIP	
				JR6705	1-216-296-11	SHORT CHIP	
				JR6706	1-216-296-11	SHORT CHIP	
				JR6707	1-216-296-11	SHORT CHIP	
				JR6708	1-216-296-11	SHORT CHIP	
				JR6709	1-216-296-11	SHORT CHIP	
				JR6710	1-216-296-11	SHORT CHIP	
				JR6711	1-216-864-11	SHORT CHIP	
				JR6714	1-216-296-11	SHORT CHIP	
				JR6717	1-216-864-11	SHORT CHIP	
				JR6718	1-216-864-11	SHORT CHIP	
				JR6719	1-216-296-11	SHORT CHIP	
				JR6721	1-216-296-11	SHORT CHIP	
				JR6724	1-216-296-11	SHORT CHIP	
				JR6725	1-216-864-11	SHORT CHIP	
				JR6726	1-216-296-11	SHORT CHIP	
				<b>COIL</b>			
				$\triangle$ L6600	1-406-976-11	INDUCTOR	68 $\mu$ H
				<b>TRANSISTOR</b>			
				Q6600	8-729-804-41	TRANSISTOR	2SB1122-S
				Q6601	8-729-804-41	TRANSISTOR	2SB1122-S
				Q6604	8-729-804-41	TRANSISTOR	2SB1122-S
				Q6605	8-729-804-41	TRANSISTOR	2SB1122-S
				Q6704	8-729-028-27	TRANSISTOR	2SK2009(TE85L)
				Q6705	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
				Q6711	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
				Q6712	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
				Q6714	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
				<b>RESISTOR</b>			
				R6600	1-216-057-00	RES-CHIP	2.2K 5% 1/10W
				R6601	1-216-057-00	RES-CHIP	2.2K 5% 1/10W
				R6602	1-249-403-11	CARBON	68 5% 1/4W

DF1

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6603	1-249-403-11	CARBON	68	5%	1/4W	R6729	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6604	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R6730	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6605	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R6731	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6606	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6733	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R6607	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6734	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6609	1-216-857-11	METAL CHIP	1M	5%	1/10W	R6736	1-218-885-11	METAL CHIP	39K	0.50%	1/10W
R6610	1-216-057-00	RES-CHIP	2.2K	5%	1/10W	R6737	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6611	1-216-057-00	RES-CHIP	2.2K	5%	1/10W	R6750	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6612	1-249-403-11	CARBON	68	5%	1/4W	R6751	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6613	1-249-403-11	CARBON	68	5%	1/4W	R6752	1-211-981-11	METAL CHIP	33	0.50%	1/10W
R6614	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R6754	1-211-981-11	METAL CHIP	33	0.50%	1/10W
R6615	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R6755	1-216-861-11	METAL CHIP	2.2M	5%	1/10W
R6616	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6756	1-211-981-11	METAL CHIP	33	0.50%	1/10W
R6617	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6757	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6619	1-216-857-11	METAL CHIP	1M	5%	1/10W	R6758	1-211-981-11	METAL CHIP	33	0.50%	1/10W
R6632	1-216-057-00	RES-CHIP	2.2K	5%	1/10W	R6760	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
R6633	1-216-057-00	RES-CHIP	2.2K	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	1-211-983-11	METAL CHIP	39	0.50%	1/10W
R6635	1-216-057-00	RES-CHIP	2.2K	5%	1/10W	R6763	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R6636	1-216-864-11	SHORT CHIP				R6764	1-211-985-11	METAL CHIP	47	0.50%	1/10W
R6637	1-216-864-11	SHORT CHIP				R6766	1-216-864-11	SHORT CHIP			
R6638	1-216-864-11	SHORT CHIP				R6767	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
R6639	1-216-864-11	SHORT CHIP				R6770	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R6700	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R6771	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6701	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R6772	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6702	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R6773	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6703	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R6775	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6704	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R6776	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
R6705	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6777	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6706	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6778	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
R6707	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6779	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6708	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6780	1-216-864-11	SHORT CHIP			
R6710	1-243-831-71	METAL OXIDE	12	5%	1W	R6782	1-216-842-11	METAL CHIP	56K	5%	1/10W
R6711	1-243-831-71	METAL OXIDE	12	5%	1W	R6783	1-216-833-11	METAL CHIP	10K	5%	1/10
R6712	1-243-831-71	METAL OXIDE	12	5%	1W	R6786	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R6713	1-243-831-71	METAL OXIDE	12	5%	1W	R6787	1-216-817-11	METAL CHIP	470	5%	1/10W
R6714	1-216-836-11	METAL CHIP	18K	5%	1/10W	R6788	1-216-864-11	SHORT CHIP			
R6715	1-216-837-11	METAL CHIP	22K	5%	1/10W	R6789	1-218-887-11	METAL CHIP	47K	0.50%	1/10W
R6716	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R6790	1-218-883-11	METAL CHIP	33K	0.50%	1/10W
R6721	1-216-817-11	METAL CHIP	470	5%	1/10W	R6792	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6722	1-218-897-11	METAL CHIP	120K	0.50%	1/10W	R6793	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6723	1-218-871-11	METAL CHIP	10K	0.50%	1/10W	R6794	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6724	1-216-864-11	SHORT CHIP				R6795	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6725	1-218-891-11	METAL CHIP	68K	0.50%	1/10W	R6802	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
R6727	1-216-841-11	METAL CHIP	47K	5%	1/10W	R6804	1-249-381-11	CARBON	1	5%	1/4W

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

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

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6805	1-216-793-11	METAL CHIP	4.7	5%	1/10W	C6716	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
R6809	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	C6717	1-164-217-11	CERAMIC CHIP	150pF	5%	50V
R6810	1-218-875-11	METAL CHIP	15K	0.50%	1/10W	C6718	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
R6811	1-218-871-11	METAL CHIP	10K	0.50%	1/10W	C6719	1-164-315-11	CERAMIC CHIP	470pF	5%	50V
R6816	1-216-864-11	SHORT CHIP				C6720	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V
R6820	1-216-864-11	SHORT CHIP				C6721	1-165-908-11	CERAMIC CHIP	1 $\mu$ F	10%	10V
R6821	1-216-864-11	SHORT CHIP				C6723	1-165-908-11	CERAMIC CHIP	1 $\mu$ F	10%	10V
R6822	1-216-864-11	SHORT CHIP				C6724	1-127-804-91	CERAMIC CHIP	100pF	1%	50V
R6909	1-216-821-11	METAL CHIP	1K	5%	1/10W	C6725	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
R6911	1-216-845-11	METAL CHIP	100K	5%	1/10W	C6726	1-127-573-11	CERAMIC CHIP	1 $\mu$ F	10%	16V
R6913	1-216-864-11	SHORT CHIP				C6727	1-165-908-11	CERAMIC CHIP	1 $\mu$ F	10%	10V
R6914	1-218-847-11	METAL CHIP	1K	0.50%	1/10W	C6728	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
<b>TRANSFORMER</b>						C6729	1-107-882-91	ELECT	100 $\mu$ F	20%	16V
$\triangle$ T6600	8-597-057-00	TRANSFORMER, HIGH-VOLTAGE INSU				C6730	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
$\triangle$ T6800	1-445-237-11	TRANSFORMER, DRIVE				C6731	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V
$\triangle$ T6801	8-597-057-00	TRANSFORMER, HIGH-VOLTAGE INSU				C6732	1-100-591-91	CERAMIC CHIP	1 $\mu$ F	10%	25V
<b>DF2</b> <b>DF3</b>						C6735	1-165-176-11	CERAMIC CHIP	0.047 $\mu$ F	10%	16V
* A-1253-585-B	<b>DF2 BOARD, MOUNTED (STT)</b>					C6738	1-165-908-11	CERAMIC CHIP	1 $\mu$ F	10%	10V
* A-1253-586-B	<b>DF3 BOARD, MOUNTED (STT)</b>					C6739	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
<b>The following are the components of the DF2 Board and the DF3 Board.</b>						C6740	1-107-882-91	ELECT	100 $\mu$ F	20%	16V
	2-580-592-01	SCREW, +PSW M3X8				C6741	1-165-908-11	CERAMIC CHIP	1 $\mu$ F	10%	10V
	2-580-592-01	SCREW, +PSW M3X8				C6742	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V
<b>CAPACITOR</b>						C6743	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V
$\triangle$ C6600	1-112-744-61	MYLAR	1 $\mu$ F	10%	450V	C6744	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V
C6601	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V	C6745	1-107-877-11	ELECT	1000 $\mu$ F	20%	10V
C6602	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V	C6746	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	C6747	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V
$\triangle$ C6606	1-112-744-61	MYLAR	1 $\mu$ F	10%	450V	C6748	1-165-908-11	CERAMIC CHIP	1 $\mu$ F	10%	10V
C6609	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	C6749	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V
C6612	1-119-891-51	CERAMIC	220pF	10%	250V	C6750	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
C6700	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V	C6753	1-107-906-11	ELECT	10 $\mu$ F	20%	50V
C6701	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V	C6754	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
C6702	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
C6703	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
C6706	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V	C6757	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V
C6710	1-162-966-11	CERAMIC CHIP	0.0022 $\mu$ F	10%	50V	C6759	1-107-882-91	ELECT	100 $\mu$ F	20%	16V
C6712	1-162-966-11	CERAMIC CHIP	0.0022 $\mu$ F	10%	50V	C6785	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V
C6715	1-125-891-11	CERAMIC CHIP	0.47 $\mu$ F	10%	10V	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
						C6796	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
						$\triangle$ C6797	1-112-744-61	MYLAR	1 $\mu$ F	10%	450V
						C6801	1-115-339-11	CERAMIC CHIP	0.1 $\mu$ F	10%	50V
						$\triangle$ C6802	1-112-744-61	MYLAR	1 $\mu$ F	10%	450V
						C6803	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V





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

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

# DF2 DF3

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
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
						R6722	1-218-897-11	METAL CHIP	120K	0.50%	1/10W
						R6723	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
						R6724	1-216-864-11	SHORT CHIP			
						R6725	1-218-891-11	METAL CHIP	68K	0.50%	1/10W
						R6727	1-216-841-11	METAL CHIP	47K	5%	1/10W
						R6729	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
						R6730	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
						R6731	1-216-837-11	METAL CHIP	22K	5%	1/10W
						R6733	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
						R6734	1-216-833-11	METAL CHIP	10K	5%	1/10W
						R6736	1-218-885-11	METAL CHIP	39K	0.50%	1/10W
						R6737	1-216-821-11	METAL CHIP	1K	5%	1/10W
						R6750	1-218-895-11	METAL CHIP	100K	0.50%	1/10W
						R6751	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
						R6752	1-211-981-11	METAL CHIP	33	0.50%	1/10W
						R6754	1-211-981-11	METAL CHIP	33	0.50%	1/10W
						R6755	1-216-861-11	METAL CHIP	2.2M	5%	1/10W
						R6756	1-211-983-11	METAL CHIP	39	0.50%	1/10W
						R6757	1-216-833-11	METAL CHIP	10K	5%	1/10W
						R6758	1-211-985-11	METAL CHIP	47	0.50%	1/10W
						R6759	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
						R6760	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
						R6761	1-218-853-11	METAL CHIP	1.8K	0.50%	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
						R6764	1-211-987-11	METAL CHIP	56	0.50%	1/10W
						R6766	1-216-864-11	SHORT CHIP			
						R6767	1-216-830-11	METAL CHIP	5.6K	5%	1/10W
						R6770	1-218-885-11	METAL CHIP	39K	0.50%	1/10W
						R6771	1-218-847-11	METAL CHIP	1K	0.50%	1/10W
						R6772	1-218-871-11	METAL CHIP	10K	0.50%	1/10W
						R6773	1-216-833-11	METAL CHIP	10K	5%	1/10W

### COIL


$\triangle$ L6600	1-406-977-21	INDUCTOR	100 $\mu$ H
$\triangle$ L6800	1-406-977-21	INDUCTOR	100 $\mu$ H

### TRANSISTOR

Q6604	8-729-804-41	TRANSISTOR	2SB1122-S
Q6605	8-729-804-41	TRANSISTOR	2SB1122-S
Q6704	8-729-028-27	TRANSISTOR	2SK2009(TE85L)
Q6705	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
Q6711	8-729-620-07	TRANSISTOR	2SC3052EF-T1-LEF
Q6712	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
Q6714	6-551-696-01	TRANSISTOR	ISA1235AC1TP-1EF
Q6800	8-729-804-41	TRANSISTOR	2SB1122-S
Q6801	8-729-804-41	TRANSISTOR	2SB1122-S

### RESISTOR



R6609	1-216-857-11	METAL CHIP	1M	5%	1/10W
R6610	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
R6611	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
R6612	1-249-403-11	CARBON	68	5%	1/4W
R6613	1-249-403-11	CARBON	68	5%	1/4W
R6614	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6615	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6616	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6617	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6634	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
R6635	1-216-057-00	RES-CHIP	2.2K	5%	1/10W
R6638	1-216-864-11	SHORT CHIP			
R6639	1-216-864-11	SHORT CHIP			
R6700	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6701	1-216-793-11	METAL CHIP	4.7	5%	1/10W

**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.**

# DF2 DF3 FB1

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
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						
R6790	1-218-883-11	METAL CHIP	33K	0.50%	1/10W						
R6792	1-216-837-11	METAL CHIP	22K	5%	1/10W						
R6793	1-216-833-11	METAL CHIP	10K	5%	1/10W						
R6794	1-218-871-11	METAL CHIP	10K	0.50%	1/10W						
R6795	1-216-841-11	METAL CHIP	47K	5%	1/10W						
R6802	1-218-871-11	METAL CHIP	10K	0.50%	1/10W						
R6804	1-249-381-11	CARBON	1	5%	1/4W						
R6805	1-216-793-11	METAL CHIP	4.7	5%	1/10W						
R6808	1-218-446-11	METAL CHIP	1	5%	1/10W						
R6809	1-216-825-11	METAL CHIP	2.2K	5%	1/10W						
R6810	1-218-875-11	METAL CHIP	15K	0.50%	1/10W						
R6811	1-218-871-11	METAL CHIP	10K	0.50%	1/10W						
R6816	1-216-864-11	SHORT CHIP									
R6820	1-216-864-11	SHORT CHIP									
R6821	1-216-864-11	SHORT CHIP									
R6822	1-216-864-11	SHORT CHIP									
R6827	1-216-857-11	METAL CHIP	1M	5%	1/10W						
R6828	1-216-057-00	RES-CHIP	2.2K	5%	1/10W						
R6829	1-216-057-00	RES-CHIP	2.2K	5%	1/10W						
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									
R6909	1-216-821-11	METAL CHIP	1K	5%	1/10W						
R6911	1-216-845-11	METAL CHIP	100K	5%	1/10W						
R6913	1-216-864-11	SHORT CHIP									
R6914	1-216-793-11	METAL CHIP	4.7	5%	1/10W						
R6915	1-216-793-11	METAL CHIP	4.7	5%	1/10W						
R6916	1-216-793-11	METAL CHIP	4.7	5%	1/10W						
R6917	1-216-793-11	METAL CHIP	4.7	5%	1/10W						

**TRANSFORMER**

	T6801	8-597-058-00	TRANSFORMER, HIGH-VOLTAGE INSU
	T6901	8-597-058-00	TRANSFORMER, HIGH-VOLTAGE INSU

# FB1

 **A-1362-638-A FB1 BOARD, COMPLETE**

A2101	1-694-974-21	CONTACT TERMINAL			
A2102	1-694-974-21	CONTACT TERMINAL			
A2103	1-694-974-21	CONTACT TERMINAL			
A2104	1-694-974-21	CONTACT TERMINAL			
A4700	1-694-974-21	CONTACT TERMINAL			
A4701	1-694-974-21	CONTACT TERMINAL			
A4900	1-694-974-21	CONTACT TERMINAL			
A4901	1-694-974-21	CONTACT TERMINAL			
A4902	1-694-974-21	CONTACT TERMINAL			
A4903	1-694-974-21	CONTACT TERMINAL			
A4905	1-694-974-21	CONTACT TERMINAL			

**CAPACITOR**

C2100	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2101	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2102	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2103	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C2104	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2105	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2106	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C2107	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C2108	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C2109	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2111	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2113	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2114	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2115	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C2116	1-164-874-11	CERAMIC CHIP	100pF	5%	50V



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
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
C2328	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C2508	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2329	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C2509	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2330	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C2510	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2331	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C2511	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2332	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C2512	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2333	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C2513	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2334	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C2514	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2335	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C2515	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2336	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C2516	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C2337	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C2518	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		
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	C2733	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
C2551	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C2734	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2552	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C2736	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2553	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C2737	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2554	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C2738	1-114-343-11	ELECT CHIP	100μF	20%	6.3V
C2555	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C2739	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C2556	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C2740	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
C2557	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C2900	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2558	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C2902	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2559	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C2904	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2560	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C2907	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2561	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C2908	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2562	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C2909	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2563	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C2910	1-164-852-11	CERAMIC CHIP	12pF	5%	50V
C2564	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C2912	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2565	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C2913	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C2566	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C2915	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C2567	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C2916	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		
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	C4161	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C3350	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V	C4162	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C4000	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4163	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4001	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4164	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C4002	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4165	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C4003	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C4166	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		
C4561	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4647	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4562	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4649	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C4563	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4650	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C4564	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4702	1-135-366-11	ELECT CHIP	100μF	20%	16V
C4565	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4703	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4566	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4704	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4567	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4705	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4569	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4706	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4576	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4707	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4603	1-135-366-11	ELECT CHIP	100μF	20%	16V	C4708	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4604	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4709	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4607	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4710	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4608	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4711	1-135-366-11	ELECT CHIP	100μF	20%	16V
C4609	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4712	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4610	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4713	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4611	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4714	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4612	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4715	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4613	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4716	1-135-366-11	ELECT CHIP	100μF	20%	16V
C4614	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4717	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4615	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4718	1-135-366-11	ELECT CHIP	100μF	20%	16V
C4617	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4719	1-135-366-11	ELECT CHIP	100μF	20%	16V
C4618	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C4720	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4619	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4721	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4620	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4722	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4621	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4723	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4622	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4724	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4623	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4725	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4624	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4726	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4626	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4727	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C4627	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4728	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C4628	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4729	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C4629	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V	C4730	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4631	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4731	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4632	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4732	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4633	1-164-172-11	CERAMIC CHIP	0.0056μF	10%	25V	C4733	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C4634	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4734	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4636	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4735	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C4639	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4736	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C4640	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4737	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4641	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4738	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4642	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4739	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4643	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4740	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4644	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4741	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C4645	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4742	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4646	1-100-756-91	CERAMIC CHIP	0.047μF		50V	C4743	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V



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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C4744	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	C4928	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4745	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C4929	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4746	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4930	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4747	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4931	1-135-366-11	ELECT CHIP	100μF	20%	16V
C4748	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4932	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4750	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4933	1-135-366-11	ELECT CHIP	100μF	20%	16V
C4751	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4934	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4752	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4935	1-135-366-11	ELECT CHIP	100μF	20%	16V
C4753	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4937	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4759	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4938	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4760	1-135-366-11	ELECT CHIP	100μF	20%	16V	C4939	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4763	1-135-366-11	ELECT CHIP	100μF	20%	16V	C4940	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4764	1-135-366-11	ELECT CHIP	100μF	20%	16V	C4941	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4765	1-135-366-11	ELECT CHIP	100μF	20%	16V	C4942	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4770	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4943	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C4771	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4944	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4772	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	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
C4917	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4963	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4918	1-135-366-11	ELECT CHIP	100μF	20%	16V	C4964	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4919	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4966	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4920	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4967	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4921	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4969	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4922	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4970	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4923	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4971	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4924	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4972	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4925	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4973	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4926	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C4974	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C4927	1-135-366-11	ELECT CHIP	100μF	20%	16V	C4976	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		
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
C5107	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5248	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C5200	1-112-779-11	CERAMIC CHIP	0.047μF	10%	25V	C5249	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C5201	1-164-882-11	CERAMIC CHIP	220pF	5%	16V	C5250	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C5202	1-115-412-11	CERAMIC CHIP	680pF	5%	25V	C5251	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C5203	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V	C5252	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C5204	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V	C5253	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C5206	1-112-781-11	CERAMIC CHIP	1μF	10%	10V	C5254	1-114-130-11	CERAMIC CHIP	1μF		6.3V
C5208	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5255	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C5209	1-112-786-11	ELECT CHIP	330μF	20%	4V	C5256	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V
C5212	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C5257	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C5213	1-114-367-11	CERAMIC CHIP	0.1μF	20%	6.3V	C5258	1-114-130-11	CERAMIC CHIP	1μF		6.3V

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
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
C5401	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5455	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C5402	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5458	1-112-779-11	CERAMIC CHIP	0.047μF	10%	25V
C5403	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5460	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5404	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5464	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C5409	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5468	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C5410	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5600	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C5414	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C5601	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C5415	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5604	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5416	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C5605	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5417	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C5606	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C5418	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C5607	1-164-874-11	CERAMIC CHIP	100pF	5%	50V

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REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
C5608	1-164-874-11	CERAMIC CHIP	100pF 5% 50V	D4309	6-500-335-01	DIODE	MC2838-T112-1
C5609	1-100-909-11	CERAMIC CHIP	10μF 10% 6.3V	D4310	6-500-335-01	DIODE	MC2838-T112-1
C5613	1-164-874-11	CERAMIC CHIP	100pF 5% 50V	D4311	1-802-245-11	ESD	SUPPRESSOR
C5614	1-100-916-11	CERAMIC CHIP	0.1μF 10% 16V	D4312	1-802-245-11	ESD	SUPPRESSOR
C5616	1-100-911-11	CERAMIC CHIP	4.7μF 10% 25V	D4313	1-802-245-11	ESD	SUPPRESSOR
C5617	1-100-916-11	CERAMIC CHIP	0.1μF 10% 16V	D4314	1-802-245-11	ESD	SUPPRESSOR
C5618	1-100-916-11	CERAMIC CHIP	0.1μF 10% 16V	D4315	1-802-245-11	ESD	SUPPRESSOR
C5619	1-100-916-11	CERAMIC CHIP	0.1μF 10% 16V	D4316	1-802-245-11	ESD	SUPPRESSOR
C5900	1-135-366-11	ELECT CHIP	100μF 20% 16V	D4317	1-802-245-11	ESD	SUPPRESSOR
C5902	1-112-781-11	CERAMIC CHIP	1μF 10% 10V	D4318	1-802-245-11	ESD	SUPPRESSOR
C5903	1-100-916-11	CERAMIC CHIP	0.1μF 10% 16V	D4319	1-802-245-11	ESD	SUPPRESSOR
<b>CONNECTOR</b>				D4320	1-802-245-11	ESD	SUPPRESSOR
* CN2101	1-819-474-11	HEADER ASSEMBLY FOR PWB		D4321	1-802-245-11	ESD	SUPPRESSOR
CN2701	1-819-390-51	FFC/FPC CONNECTOR (ZIF)	49P	D4322	1-802-245-11	ESD	SUPPRESSOR
CN2702	1-821-180-11	MEMORY STICK CONNECTOR		D4323	1-802-245-11	ESD	SUPPRESSOR
CN2900	1-820-581-11	HEADER ASSEMBLY FOR PWB		* D4324	6-501-732-01	DIODE	MAZ8056G0LS0
CN4001	1-821-378-11	BOARD TO BOARD CONNECTOR		D4330	6-500-813-01	DIODE	MA2SD32008S0
CN4002	1-821-377-11	BOARD TO BOARD CONNECTOR		* D4336	6-501-732-01	DIODE	MAZ8056G0LS0
CN4300	1-818-737-11	HDMI CONNECTOR		* D4337	6-501-732-01	DIODE	MAZ8056G0LS0
CN4301	1-818-737-11	HDMI CONNECTOR		* D4602	6-501-732-01	DIODE	MAZ8056G0LS0
CN4302	1-821-186-11	HEADER ASSEMBLY FOR PWB		* D4603	6-501-732-01	DIODE	MAZ8056G0LS0
CN4600	1-821-013-11	D SUB CONNECTOR		* D4604	6-501-732-01	DIODE	MAZ8056G0LS0
* CN5600	1-819-797-11	HEADER ASSEMBLY FOR PWB		D4605	6-500-335-01	DIODE	MC2838-T112-1
CN5601	1-821-034-11	HEADER ASSEMBLY FOR PWB		<b>EARTH TERMINAL</b>			
<b>DIODE</b>				ET4100	1-780-482-11	EARTH TERMINAL	
D2300	8-719-053-08	DIODE	SML-310DTT86	ET4101	1-780-482-11	EARTH TERMINAL	
D2700	6-500-019-01	DIODE	MM3Z3V9ST1	ET4102	1-780-482-11	EARTH TERMINAL	
D3300	6-501-657-01	DIODE	MA24D5000BS0	ET4103	1-780-482-11	EARTH TERMINAL	
D4100	8-719-081-67	DIODE	M1FM3	ET4104	1-780-482-11	EARTH TERMINAL	
D4101	8-719-081-67	DIODE	M1FM3	ET4105	1-780-482-11	EARTH TERMINAL	
D4104	6-501-528-01	DIODE	1SMA5915BT3G	ET4106	1-780-482-11	EARTH TERMINAL	
D4105	6-501-528-01	DIODE	1SMA5915BT3G	ET4107	1-780-482-11	EARTH TERMINAL	
D4108	8-719-081-67	DIODE	M1FM3	ET4108	1-780-482-11	EARTH TERMINAL	
D4111	6-501-528-01	DIODE	1SMA5915BT3G	ET4109	1-780-482-11	EARTH TERMINAL	
* D4300	6-501-732-01	DIODE	MAZ8056G0LS0	ET4110	1-780-482-11	EARTH TERMINAL	
* D4301	6-501-732-01	DIODE	MAZ8056G0LS0	ET4111	1-780-482-11	EARTH TERMINAL	
D4302	1-802-245-11	ESD	SUPPRESSOR	ET4112	1-780-482-11	EARTH TERMINAL	
D4303	1-802-245-11	ESD	SUPPRESSOR	ET4113	1-780-482-11	EARTH TERMINAL	
D4304	1-802-245-11	ESD	SUPPRESSOR	ET4114	1-780-482-11	EARTH TERMINAL	
D4305	1-802-245-11	ESD	SUPPRESSOR	ET4115	1-780-482-11	EARTH TERMINAL	
D4306	1-802-245-11	ESD	SUPPRESSOR	ET4116	1-780-482-11	EARTH TERMINAL	
D4307	1-802-245-11	ESD	SUPPRESSOR	ET4117	1-780-482-11	EARTH TERMINAL	
D4308	1-802-245-11	ESD	SUPPRESSOR	ET4118	1-780-482-11	EARTH TERMINAL	
				ET4119	1-780-482-11	EARTH TERMINAL	

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REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
<b>FUSE</b>				FB4604	1-400-382-11	FERRITE	0μH
F4100	1-576-603-21	FUSE	3.15A 24V	FB4605	1-400-382-11	FERRITE	0μH
F4102	1-576-603-21	FUSE	3.15A 24V	FB4606	1-469-100-21	FERRITE	0μH
F4500	1-576-913-11	FUSE	1.6A 36V	FB4607	1-469-100-21	FERRITE	0μH
F4501	1-576-913-11	FUSE	1.6A 36V	FB4608	1-469-100-21	FERRITE	0μH
F4600	1-576-646-11	FUSE	0.5A 50V	FB4700	1-400-382-11	FERRITE	0μH
F4900	1-576-596-21	FUSE	1A 32V	FB4702	1-400-461-21	FERRITE	0μH
F4901	1-576-646-11	FUSE	0.5A 50V	FB4900	1-400-499-21	FERRITE	0μH
F4902	1-576-913-11	FUSE	1.6A 36V	FB4901	1-400-499-21	FERRITE	0μH
F5200	1-576-603-21	FUSE	3.15A 24V	FB4902	1-400-499-21	FERRITE	0μH
<b>FERRITE BEAD</b>				FB4903	1-400-580-21	FERRITE	0μH
FB2100	1-400-382-11	FERRITE	0μH	FB4904	1-400-499-21	FERRITE	0μH
FB2300	1-400-382-11	FERRITE	0μH	FB4905	1-400-499-21	FERRITE	0μH
FB2301	1-400-382-11	FERRITE	0μH	FB4906	1-400-499-21	FERRITE	0μH
FB2302	1-400-382-11	FERRITE	0μH	FB4907	1-400-499-21	FERRITE	0μH
FB2902	1-400-382-11	FERRITE	0μH	FB4908	1-400-499-21	FERRITE	0μH
FB2903	1-400-382-11	FERRITE	0μH	FB4909	1-400-499-21	FERRITE	0μH
FB2912	1-400-461-21	FERRITE	0μH	FB4910	1-400-499-21	FERRITE	0μH
FB2913	1-400-461-21	FERRITE	0μH	FB4911	1-400-499-21	FERRITE	0μH
FB2914	1-400-461-21	FERRITE	0μH	FB4912	1-400-499-21	FERRITE	0μH
FB3300	1-400-382-11	FERRITE	0μH	FB4913	1-400-499-21	FERRITE	0μH
FB4000	1-400-499-21	FERRITE	0μH	FB4914	1-400-499-21	FERRITE	0μH
FB4004	1-400-499-21	FERRITE	0μH	FB4915	1-400-499-21	FERRITE	0μH
FB4108	1-400-580-21	FERRITE	0μH	FB4916	1-400-499-21	FERRITE	0μH
FB4109	1-400-580-21	FERRITE	0μH	FB4917	1-400-580-21	FERRITE	0μH
FB4122	1-400-580-21	FERRITE	0μH	FB5131	1-400-461-21	FERRITE	0μH
FB4123	1-400-580-21	FERRITE	0μH	FB5400	1-400-461-21	FERRITE	0μH
FB4300	1-400-382-11	FERRITE	0μH	FB5401	1-400-461-21	FERRITE	0μH
FB4301	1-400-382-11	FERRITE	0μH	FB5402	1-400-461-21	FERRITE	0μH
FB4302	1-400-382-11	FERRITE	0μH	FB5404	1-400-461-21	FERRITE	0μH
FB4303	1-400-461-21	FERRITE	0μH	FB5600	1-400-580-21	FERRITE	0μH
FB4500	1-400-499-21	FERRITE	0μH	FB5601	1-400-580-21	FERRITE	0μH
FB4501	1-400-382-11	FERRITE	0μH	FB5602	1-400-580-21	FERRITE	0μH
FB4502	1-400-499-21	FERRITE	0μH	FB5603	1-400-580-21	FERRITE	0μH
FB4503	1-400-499-21	FERRITE	0μH	FB5604	1-400-580-21	FERRITE	0μH
FB4504	1-400-499-21	FERRITE	0μH	FB5605	1-400-580-21	FERRITE	0μH
FB4505	1-400-499-21	FERRITE	0μH	FB5606	1-400-580-21	FERRITE	0μH
FB4506	1-400-499-21	FERRITE	0μH	FB5607	1-400-580-21	FERRITE	0μH
FB4507	1-400-499-21	FERRITE	0μH	FB5609	1-400-499-21	FERRITE	0μH
FB4508	1-400-499-21	FERRITE	0μH	FB5610	1-400-499-21	FERRITE	0μH
FB4509	1-400-499-21	FERRITE	0μH	FB5611	1-400-499-21	FERRITE	0μH
FB4600	1-400-382-11	FERRITE	0μH	FB5616	1-400-499-21	FERRITE	0μH
FB4601	1-400-382-11	FERRITE	0μH	FB5619	1-400-499-21	FERRITE	0μH
FB4603	1-400-382-11	FERRITE	0μH	FB5620	1-400-580-21	FERRITE	0μH
				FB5621	1-400-499-21	FERRITE	0μH

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REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
FB5622	1-400-499-21	FERRITE	0μH	IC4603	6-709-703-01	IC	MM3141JNRE
FB5623	1-400-499-21	FERRITE	0μH	IC4604	6-704-600-01	IC	M24C02-WMN6T(B)
FB5625	1-400-580-21	FERRITE	0μH	IC4700	8-753-252-69	IC	CXD3815Q
FB5901	1-400-499-21	FERRITE	0μH	IC4701	6-702-436-01	IC	AD8061ARTZ-REEL7
				IC4900	8-753-278-14	IC	CXD4716GB
		<b>FILTER</b>		IC4901	6-711-289-01	IC	IDT6V40006APGGI
FL4701	1-234-560-21	FILTER, LOW PASS		IC4903	6-702-436-01	IC	AD8061ARTZ-REEL7
FL4900	1-234-560-21	FILTER, LOW PASS		IC5102	6-703-181-01	IC	TC74VCX74FT(EL)
				IC5103	6-703-238-01	IC	TC7WZ34FK(TE85R)
		<b>IC</b>		IC5200	6-710-949-01	IC	SN0608006PWPR
IC2000	6-711-624-01	IC	UPD61162F1-RNA-A-U	IC5201	6-711-261-01	IC	HYB18TC256160AF-3S
IC2100	6-807-439-01	IC	7PRC0-EPM3064ATC44-10N	IC5203	6-711-261-01	IC	HYB18TC256160AF-3S
IC2101	6-702-913-01	IC	S-80929CNMC-G8ZT2G	IC5204	6-706-478-01	IC	TC7SET08FU(T5RSOJF)
IC2102	6-702-913-01	IC	S-80929CNMC-G8ZT2G	IC5400	6-707-897-01	IC	EDS6416AHTA-75-E
IC2103	6-706-492-01	IC	TC7SHU04FU(T5RSOJF)	IC5401	6-708-219-01	IC	MB91305PMC-G-BNDE1
IC2105	6-702-913-01	IC	S-80929CNMC-G8ZT2G	IC5402	6-807-749-01	IC	S29JL032H70TFI010-FIX2-U200
IC2108	6-704-099-01	IC	TC7WZ08FK(TE85R)	IC5403	6-704-566-01	IC	R3112N291A-TR-FA
IC2109	6-709-743-01	IC	TC7WBD125AFK (T5L.F)	IC5405	6-701-185-01	IC	MC74VHC1G125DFT1
IC2110	6-706-487-01	IC	TC7SH08FU(T5RSOYJF)	IC5600	8-759-596-29	IC	SN74LV4066APWR
IC2300	6-807-555-01	IC	MBM29LV200TC-90PFTNM2.001C	IC5601	6-706-487-01	IC	TC7SH08FU(T5RSOYJF)
IC2304	6-706-487-01	IC	TC7SH08FU(T5RSOYJF)	IC5602	6-706-487-01	IC	TC7SH08FU(T5RSOYJF)
IC2501	6-710-270-11	IC	EDE5116AHSE-6E-E-TR	IC5603	6-706-487-01	IC	TC7SH08FU(T5RSOYJF)
IC2502	6-710-270-11	IC	EDE5116AHSE-6E-E-TR			<b>COIL</b>	
IC2702	6-711-237-01	IC	NJM2878F3-33 (TE2)	L2900	1-457-223-11	INDUCTOR	0μH
IC2703	6-711-194-01	IC	TC7MBL3244AFK (EL)	L3300	1-481-246-11	INDUCTOR	2.2μH
IC2704	6-600-495-01	IC	MM1671XNRE	L3301	1-481-257-11	INDUCTOR	4.7μH
IC2705	6-709-513-01	IC	MM1674XNRE	L3304	1-481-246-11	INDUCTOR	2.2μH
IC2900	6-706-130-11	IC	UPD720101GJ-UEN-E2-A	L4100	1-424-918-21	INDUCTOR	10μH
IC3300	6-710-949-01	IC	SN0608006PWPR	L4101	1-457-247-21	INDUCTOR	4.7μH
IC3301	6-711-145-01	IC	TPS51124RGER	L4105	1-456-787-21	INDUCTOR	10μH
IC3302	6-710-941-01	IC	MM3141ZNRE(1.07V)	L4600	1-469-555-21	INDUCTOR	10μH
IC3303	6-708-762-01	IC	PQ200WNA1ZPH	L4700	1-469-549-21	INDUCTOR	1μH
IC3307	6-708-762-01	IC	PQ200WNA1ZPH	L4701	1-469-549-21	INDUCTOR	1μH
IC4100	8-753-272-40	IC	CXA3738N-T4	L4702	1-469-549-21	INDUCTOR	1μH
IC4102	6-709-703-01	IC	MM3141JNRE	L4703	1-469-549-21	INDUCTOR	1μH
IC4103	6-710-080-01	IC	MM3292FNRE	L4704	1-469-555-21	INDUCTOR	10μH
IC4104	6-708-603-01	IC	PQ070XNA1ZPH	L4900	1-469-555-21	INDUCTOR	10μH
IC4105	8-753-272-40	IC	CXA3738N-T4	L4901	1-469-555-21	INDUCTOR	10μH
IC4300	6-704-600-01	IC	M24C02-WMN6T(B)	L4902	1-469-555-21	INDUCTOR	10μH
IC4301	6-704-600-01	IC	M24C02-WMN6T(B)	L4906	1-469-549-21	INDUCTOR	1μH
IC4305	8-759-680-47	IC	TC7MB3253FK(EL)	L4907	1-469-555-21	INDUCTOR	10μH
IC4313	8-753-282-08	IC	CXB1444R-T6	L5200	1-481-246-11	INDUCTOR	2.2μH
IC4315	6-711-332-01	IC	TC7SG17FU(TE87R,F)	L5600	1-456-583-11	INDUCTOR	0μH
IC4601	6-707-739-01	IC	MM1661JTRE				
IC4602	6-711-220-01	IC	THC7981-17				



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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R2110	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R2510	1-218-933-11	RES-CHIP	22	5%	1/16W
R2114	1-218-977-11	RES-CHIP	100K	5%	1/16W	R2511	1-218-933-11	RES-CHIP	22	5%	1/16W
R2116	1-218-977-11	RES-CHIP	100K	5%	1/16W	R2512	1-218-933-11	RES-CHIP	22	5%	1/16W
R2118	1-218-989-11	RES-CHIP	1M	5%	1/16W	R2513	1-218-933-11	RES-CHIP	22	5%	1/16W
R2120	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W	R2514	1-218-933-11	RES-CHIP	22	5%	1/16W
R2145	1-218-937-11	RES-CHIP	47	5%	1/16W	R2519	1-218-943-11	RES-CHIP	150	5%	1/16W
R2163	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2520	1-218-943-11	RES-CHIP	150	5%	1/16W
R2200	1-218-937-11	RES-CHIP	47	5%	1/16W	R2704	1-218-935-11	RES-CHIP	33	5%	1/16W
R2201	1-218-953-11	RES-CHIP	1K	5%	1/16W	R2705	1-218-990-81	SHORT CHIP			
R2205	1-218-941-81	RES-CHIP	100	5%	1/16W	R2706	1-218-990-81	SHORT CHIP			
R2207	1-218-937-11	RES-CHIP	47	5%	1/16W	R2707	1-218-990-81	SHORT CHIP			
R2208	1-218-952-11	RES-CHIP	820	5%	1/16W	R2708	1-218-990-81	SHORT CHIP			
R2209	1-218-937-11	RES-CHIP	47	5%	1/16W	R2721	1-218-990-81	SHORT CHIP			
R2215	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2722	1-218-990-81	SHORT CHIP			
R2216	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2723	1-218-990-81	SHORT CHIP			
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				R2732	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R2228	1-218-990-81	SHORT CHIP				R2735	1-218-990-81	SHORT CHIP			
R2229	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	R2793	1-218-937-11	RES-CHIP	47	5%	1/16W
R2233	1-218-933-11	RES-CHIP	22	5%	1/16W	R2805	1-218-933-11	RES-CHIP	22	5%	1/16W
R2300	1-218-947-11	RES-CHIP	330	5%	1/16W	R2819	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2305	1-218-977-11	RES-CHIP	100K	5%	1/16W	R2821	1-218-937-11	RES-CHIP	47	5%	1/16W
R2307	1-218-977-11	RES-CHIP	100K	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	R2824	1-218-937-11	RES-CHIP	47	5%	1/16W
R2311	1-218-977-11	RES-CHIP	100K	5%	1/16W	R2825	1-218-937-11	RES-CHIP	47	5%	1/16W
R2315	1-218-977-11	RES-CHIP	100K	5%	1/16W	R2829	1-218-965-11	RES-CHIP	10K	5%	1/16W
R2316	1-218-977-11	RES-CHIP	100K	5%	1/16W	R2831	1-218-989-11	RES-CHIP	1M	5%	1/16W
R2349	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2832	1-211-989-11	METAL CHIP	68	0.50%	1/10W
R2350	1-218-989-11	RES-CHIP	1M	5%	1/16W	R2833	1-211-989-11	METAL CHIP	68	0.50%	1/10W
R2352	1-218-953-11	RES-CHIP	1K	5%	1/16W	R2834	1-211-992-11	METAL CHIP	91	0.50%	1/10W
R2367	1-218-990-81	SHORT CHIP				R2835	1-211-992-11	METAL CHIP	91	0.50%	1/10W
R2369	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2836	1-208-635-11	METAL CHIP	10	0.50%	1/16W
R2371	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2847	1-208-635-11	METAL CHIP	10	0.50%	1/16W
R2372	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R2850	1-218-933-11	RES-CHIP	22	5%	1/16W
R2373	1-218-965-11	RES-CHIP	10K	5%	1/16W	R2852	1-216-864-11	SHORT CHIP			
R2374	1-218-990-81	SHORT CHIP				R2900	1-218-945-11	RES-CHIP	220	5%	1/16W
R2503	1-218-935-11	RES-CHIP	33	5%	1/16W	R2914	1-218-937-11	RES-CHIP	47	5%	1/16W
R2504	1-208-663-11	METAL CHIP	150	0.50%	1/16W	R2915	1-218-937-11	RES-CHIP	47	5%	1/16W
R2505	1-208-663-11	METAL CHIP	150	0.50%	1/16W	R2916	1-218-937-11	RES-CHIP	47	5%	1/16W
R2508	1-218-933-11	RES-CHIP	22	5%	1/16W	R2930	1-218-941-81	RES-CHIP	100	5%	1/16W
R2509	1-218-933-11	RES-CHIP	22	5%	1/16W	R2941	1-208-911-11	METAL CHIP	10K	0.50%	1/16W



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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R2942	1-208-935-11	METAL CHIP	100K	0.50%	1/16W	R4025	1-218-990-81	SHORT CHIP			
R2952	1-220-884-81	METAL CHIP	39	0.50%	1/16W	R4026	1-218-990-81	SHORT CHIP			
R2953	1-208-675-11	METAL CHIP	470	0.50%	1/16W	R4028	1-218-990-81	SHORT CHIP			
R2954	1-208-675-11	METAL CHIP	470	0.50%	1/16W	R4030	1-218-990-81	SHORT CHIP			
R2955	1-220-884-81	METAL CHIP	39	0.50%	1/16W	R4031	1-218-990-81	SHORT CHIP			
R2956	1-208-711-11	METAL CHIP	15K	0.50%	1/16W	R4032	1-218-990-81	SHORT CHIP			
R2957	1-208-711-11	METAL CHIP	15K	0.50%	1/16W	R4033	1-218-990-81	SHORT CHIP			
R2961	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R4034	1-218-990-81	SHORT CHIP			
R2966	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R4035	1-218-990-81	SHORT CHIP			
R3304	1-218-953-11	RES-CHIP	1K	5%	1/16W	R4037	1-218-990-81	SHORT CHIP			
R3305	1-208-711-11	METAL CHIP	15K	0.50%	1/16W	R4038	1-218-990-81	SHORT CHIP			
R3309	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4039	1-218-990-81	SHORT CHIP			
R3310	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4040	1-218-990-81	SHORT CHIP			
R3311	1-216-864-11	SHORT CHIP				R4041	1-218-990-81	SHORT CHIP			
R3323	1-218-990-81	SHORT CHIP				R4042	1-218-990-81	SHORT CHIP			
R3324	1-218-990-81	SHORT CHIP				R4043	1-218-990-81	SHORT CHIP			
R3325	1-208-677-11	METAL CHIP	560	0.50%	1/16W	R4044	1-218-990-81	SHORT CHIP			
R3326	1-208-923-11	METAL CHIP	33K	0.50%	1/16W	R4045	1-218-990-81	SHORT CHIP			
R3331	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R4046	1-218-990-81	SHORT CHIP			
R3333	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4047	1-218-990-81	SHORT CHIP			
R3334	1-216-791-11	METAL CHIP	3.3	5%	1/10W	R4048	1-218-990-81	SHORT CHIP			
R3335	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W	R4049	1-218-990-81	SHORT CHIP			
R3337	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R4050	1-218-990-81	SHORT CHIP			
R3338	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4051	1-218-990-81	SHORT CHIP			
R3339	1-208-677-11	METAL CHIP	560	0.50%	1/16W	R4052	1-218-990-81	SHORT CHIP			
R3341	1-218-990-81	SHORT CHIP				R4053	1-218-990-81	SHORT CHIP			
R3342	1-218-990-81	SHORT CHIP				R4054	1-218-990-81	SHORT CHIP			
R3343	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W	R4055	1-218-990-81	SHORT CHIP			
R3344	1-218-953-11	RES-CHIP	1K	5%	1/16W	R4056	1-218-990-81	SHORT CHIP			
R3346	1-218-941-11	RES-CHIP	100	5%	1/16W	R4057	1-218-990-81	SHORT CHIP			
R3351	1-218-990-81	SHORT CHIP				R4058	1-218-990-81	SHORT CHIP			
R3354	1-208-643-11	METAL CHIP	22	0.50%	1/16W	R4059	1-218-990-81	SHORT CHIP			
R3355	1-208-675-11	METAL CHIP	470	0.50%	1/16W	R4060	1-218-990-81	SHORT CHIP			
R3356	1-208-894-81	METAL CHIP	2K	0.50%	1/16W	R4064	1-218-990-81	SHORT CHIP			
R3359	1-218-990-81	SHORT CHIP				R4065	1-218-990-81	SHORT CHIP			
R3360	1-208-893-11	METAL CHIP	1.8K	0.50%	1/16W	R4068	1-218-990-81	SHORT CHIP			
R3361	1-208-894-81	METAL CHIP	2K	0.50%	1/16W	R4069	1-218-990-81	SHORT CHIP			
R3365	1-218-990-81	SHORT CHIP				R4070	1-218-990-81	SHORT CHIP			
R4000	1-218-990-81	SHORT CHIP				R4071	1-218-990-81	SHORT CHIP			
R4001	1-218-990-81	SHORT CHIP				R4072	1-218-990-81	SHORT CHIP			
R4004	1-218-990-81	SHORT CHIP				R4073	1-218-990-81	SHORT CHIP			
R4005	1-218-990-81	SHORT CHIP				R4074	1-218-990-81	SHORT CHIP			
R4015	1-216-864-11	SHORT CHIP				R4075	1-218-990-81	SHORT CHIP			
R4021	1-218-990-81	SHORT CHIP				R4076	1-218-990-81	SHORT CHIP			
R4024	1-218-990-81	SHORT CHIP				R4078	1-218-990-81	SHORT CHIP			



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R4079	1-218-990-81	SHORT CHIP				R4164	1-208-721-11	METAL CHIP	39K	0.50%	1/16W
R4080	1-218-990-81	SHORT CHIP				R4165	1-218-990-81	SHORT CHIP			
R4081	1-218-990-81	SHORT CHIP				R4166	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R4083	1-218-990-81	SHORT CHIP				R4169	1-218-990-81	SHORT CHIP			
R4090	1-218-990-81	SHORT CHIP				R4171	1-218-990-81	SHORT CHIP			
R4091	1-218-990-81	SHORT CHIP				R4172	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R4092	1-218-990-81	SHORT CHIP				R4173	1-208-675-11	METAL CHIP	470	0.50%	1/16W
R4093	1-218-990-81	SHORT CHIP				R4174	1-218-990-81	SHORT CHIP			
R4094	1-218-990-81	SHORT CHIP				R4175	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R4095	1-218-990-81	SHORT CHIP				R4177	1-218-929-11	RES-CHIP	10	5%	1/16W
R4096	1-218-990-81	SHORT CHIP				R4178	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4097	1-218-990-81	SHORT CHIP				R4181	1-218-990-81	SHORT CHIP			
R4098	1-218-990-81	SHORT CHIP				R4188	1-218-990-81	SHORT CHIP			
R4099	1-218-990-81	SHORT CHIP				R4201	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4100	1-208-711-11	METAL CHIP	15K	0.50%	1/16W	R4202	1-218-953-11	RES-CHIP	1K	5%	1/16W
R4102	1-218-990-81	SHORT CHIP				R4206	1-216-864-11	SHORT CHIP			
R4103	1-218-990-81	SHORT CHIP				R4207	1-216-864-11	SHORT CHIP			
R4104	1-208-943-11	METAL CHIP	220K	0.50%	1/16W	R4208	1-216-864-11	SHORT CHIP			
R4105	1-208-943-11	METAL CHIP	220K	0.50%	1/16W	R4300	1-218-990-81	SHORT CHIP			
R4106	1-218-990-81	SHORT CHIP				R4301	1-218-990-81	SHORT CHIP			
R4111	1-218-929-11	RES-CHIP	10	5%	1/16W	R4302	1-218-990-81	SHORT CHIP			
R4112	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W	R4303	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R4115	1-218-929-11	RES-CHIP	10	5%	1/16W	R4304	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R4116	1-218-990-81	SHORT CHIP				R4306	1-218-990-81	SHORT CHIP			
R4117	1-218-990-81	SHORT CHIP				R4307	1-218-990-81	SHORT CHIP			
R4119	1-218-929-11	RES-CHIP	10	5%	1/16W	R4308	1-218-990-81	SHORT CHIP			
R4120	1-218-990-81	SHORT CHIP				R4309	1-218-990-81	SHORT CHIP			
R4121	1-218-990-81	SHORT CHIP				R4310	1-218-990-81	SHORT CHIP			
R4122	1-208-909-11	METAL CHIP	8.2K	0.50%	1/16W	R4311	1-218-990-81	SHORT CHIP			
R4127	1-218-990-81	SHORT CHIP				R4312	1-218-990-81	SHORT CHIP			
R4128	1-218-929-11	RES-CHIP	10	5%	1/16W	R4313	1-218-990-81	SHORT CHIP			
R4129	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4315	1-218-990-81	SHORT CHIP			
R4130	1-218-929-11	RES-CHIP	10	5%	1/16W	R4316	1-218-929-11	RES-CHIP	10	5%	1/16W
R4131	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4317	1-218-929-11	RES-CHIP	10	5%	1/16W
R4138	1-218-990-81	SHORT CHIP				R4318	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R4141	1-208-715-11	METAL CHIP	22K	0.50%	1/16W	R4319	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R4144	1-218-990-81	SHORT CHIP				R4320	1-218-990-81	SHORT CHIP			
R4146	1-218-978-11	RES-CHIP	120K	5%	1/16W	R4324	1-218-973-11	RES-CHIP	47K	5%	1/16W
R4147	1-218-978-11	RES-CHIP	120K	5%	1/16W	R4329	1-218-990-81	SHORT CHIP			
R4148	1-218-978-11	RES-CHIP	120K	5%	1/16W	R4331	1-218-990-81	SHORT CHIP			
R4152	1-208-711-11	METAL CHIP	15K	0.50%	1/16W	R4332	1-208-889-11	METAL CHIP	1.2K	0.50%	1/16W
R4160	1-208-711-11	METAL CHIP	15K	0.50%	1/16W	R4333	1-208-869-11	METAL CHIP	180	0.50%	1/16W
R4161	1-218-990-81	SHORT CHIP				R4334	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R4162	1-218-978-11	RES-CHIP	120K	5%	1/16W	R4336	1-208-889-11	METAL CHIP	1.2K	0.50%	1/16W
R4163	1-208-929-81	METAL CHIP	56K	0.50%	1/16W	R4337	1-208-675-11	METAL CHIP	470	0.50%	1/16W



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R4338	1-208-675-11	METAL CHIP	470	0.50%	1/16W	R4428	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R4339	1-218-990-81	SHORT CHIP				R4432	1-216-864-11	SHORT CHIP			
R4341	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R4433	1-208-939-11	METAL CHIP	150K	0.50%	1/16W
R4343	1-218-990-81	SHORT CHIP				R4456	1-218-990-81	SHORT CHIP			
R4345	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R4458	1-218-990-81	SHORT CHIP			
R4346	1-218-990-81	SHORT CHIP				R4462	1-218-941-81	RES-CHIP	100	5%	1/16W
R4347	1-218-990-81	SHORT CHIP				R4463	1-218-941-81	RES-CHIP	100	5%	1/16W
R4348	1-218-990-81	SHORT CHIP				R4467	1-218-990-81	SHORT CHIP			
R4349	1-218-990-81	SHORT CHIP				R4471	1-218-990-81	SHORT CHIP			
R4350	1-218-990-81	SHORT CHIP				R4498	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R4351	1-218-990-81	SHORT CHIP				R4499	1-218-989-11	RES-CHIP	1M	5%	1/16W
R4352	1-218-990-81	SHORT CHIP				R4500	1-218-973-11	RES-CHIP	47K	5%	1/16W
R4353	1-218-990-81	SHORT CHIP				R4502	1-218-990-81	SHORT CHIP			
R4354	1-218-990-81	SHORT CHIP				R4503	1-218-939-11	RES-CHIP	68	5%	1/16W
R4355	1-218-990-81	SHORT CHIP				R4505	1-218-937-11	RES-CHIP	47	5%	1/16W
R4356	1-218-990-81	SHORT CHIP				R4506	1-218-937-11	RES-CHIP	47	5%	1/16W
R4357	1-218-990-81	SHORT CHIP				R4508	1-218-937-11	RES-CHIP	47	5%	1/16W
R4358	1-218-990-81	SHORT CHIP				R4509	1-218-937-11	RES-CHIP	47	5%	1/16W
R4359	1-218-990-81	SHORT CHIP				R4511	1-218-937-11	RES-CHIP	47	5%	1/16W
R4360	1-218-990-81	SHORT CHIP				R4512	1-218-937-11	RES-CHIP	47	5%	1/16W
R4361	1-218-990-81	SHORT CHIP				R4513	1-218-937-11	RES-CHIP	47	5%	1/16W
R4362	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R4514	1-218-937-11	RES-CHIP	47	5%	1/16W
R4363	1-218-990-81	SHORT CHIP				R4515	1-218-933-11	RES-CHIP	22	5%	1/16W
R4364	1-218-990-81	SHORT CHIP				R4520	1-218-933-11	RES-CHIP	22	5%	1/16W
R4365	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R4523	1-218-990-81	SHORT CHIP			
R4366	1-218-953-11	RES-CHIP	1K	5%	1/16W	R4524	1-218-990-81	SHORT CHIP			
R4367	1-218-973-11	RES-CHIP	47K	5%	1/16W	R4525	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R4368	1-218-973-11	RES-CHIP	47K	5%	1/16W	R4527	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4369	1-218-973-11	RES-CHIP	47K	5%	1/16W	R4534	1-216-864-11	SHORT CHIP			
R4370	1-218-973-11	RES-CHIP	47K	5%	1/16W	R4535	1-218-973-11	RES-CHIP	47K	5%	1/16W
R4371	1-218-990-81	SHORT CHIP				R4536	1-218-973-11	RES-CHIP	47K	5%	1/16W
R4372	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W	R4538	1-216-864-11	SHORT CHIP			
R4373	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R4539	1-218-990-81	SHORT CHIP			
R4374	1-218-990-81	SHORT CHIP				R4542	1-218-973-11	RES-CHIP	47K	5%	1/16W
R4410	1-218-990-81	SHORT CHIP				R4545	1-218-939-11	RES-CHIP	68	5%	1/16W
R4411	1-218-990-81	SHORT CHIP				R4546	1-218-939-11	RES-CHIP	68	5%	1/16W
R4412	1-218-990-81	SHORT CHIP				R4547	1-218-935-11	RES-CHIP	33	5%	1/16W
R4413	1-218-990-81	SHORT CHIP				R4600	1-208-675-11	METAL CHIP	470	0.50%	1/16W
R4414	1-218-990-81	SHORT CHIP				R4601	1-208-675-11	METAL CHIP	470	0.50%	1/16W
R4415	1-218-990-81	SHORT CHIP				R4602	1-208-675-11	METAL CHIP	470	0.50%	1/16W
R4416	1-218-990-81	SHORT CHIP				R4606	1-208-677-11	METAL CHIP	560	0.50%	1/16W
R4417	1-218-990-81	SHORT CHIP				R4607	1-208-677-11	METAL CHIP	560	0.50%	1/16W
R4418	1-218-990-81	SHORT CHIP				R4608	1-208-677-11	METAL CHIP	560	0.50%	1/16W
R4419	1-218-990-81	SHORT CHIP				R4609	1-208-861-81	METAL CHIP	82	0.50%	1/16W
R4424	1-218-990-81	SHORT CHIP				R4610	1-208-861-81	METAL CHIP	82	0.50%	1/16W



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R4611	1-208-861-81	METAL CHIP	82	0.50%	1/16W	R4721	1-218-941-11	RES-CHIP	100	5%	1/16W
R4618	1-218-835-11	METAL CHIP	330	0.50%	1/10W	R4722	1-218-941-11	RES-CHIP	100	5%	1/16W
R4619	1-218-929-11	RES-CHIP	10	5%	1/16W	R4723	1-218-941-11	RES-CHIP	100	5%	1/16W
R4620	1-218-835-11	METAL CHIP	330	0.50%	1/10W	R4724	1-218-953-11	RES-CHIP	1K	5%	1/16W
R4621	1-218-929-11	RES-CHIP	10	5%	1/16W	R4725	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R4622	1-218-835-11	METAL CHIP	330	0.50%	1/10W	R4726	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R4623	1-218-929-11	RES-CHIP	10	5%	1/16W	R4727	1-218-941-11	RES-CHIP	100	5%	1/16W
R4628	1-216-815-11	METAL CHIP	330	5%	1/10W	R4728	1-216-804-11	METAL CHIP	39	5%	1/10W
R4629	1-216-815-11	METAL CHIP	330	5%	1/10W	R4730	1-218-990-81	SHORT CHIP			
R4630	1-216-815-11	METAL CHIP	330	5%	1/10W	R4731	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R4631	1-216-815-11	METAL CHIP	330	5%	1/10W	R4732	1-218-990-81	SHORT CHIP			
R4636	1-218-990-81	SHORT CHIP				R4734	1-208-885-11	METAL CHIP	820	0.50%	1/16W
R4637	1-218-990-81	SHORT CHIP				R4735	1-218-990-81	SHORT CHIP			
R4640	1-218-990-81	SHORT CHIP				R4737	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R4641	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4738	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R4642	1-218-941-81	RES-CHIP	100	5%	1/16W	R4742	1-218-958-11	RES-CHIP	2.7K	5%	1/16W
R4644	1-218-990-81	SHORT CHIP				R4743	1-218-941-11	RES-CHIP	100	5%	1/16W
R4646	1-218-937-11	RES-CHIP	47	5%	1/16W	R4745	1-218-958-11	RES-CHIP	2.7K	5%	1/16W
R4648	1-218-937-11	RES-CHIP	47	5%	1/16W	R4746	1-218-941-11	RES-CHIP	100	5%	1/16W
R4649	1-218-937-11	RES-CHIP	47	5%	1/16W	R4747	1-218-835-11	METAL CHIP	330	0.50%	1/10W
R4652	1-218-937-11	RES-CHIP	47	5%	1/16W	R4748	1-216-864-11	SHORT CHIP			
R4654	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4749	1-218-835-11	METAL CHIP	330	0.50%	1/10W
R4660	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R4750	1-216-864-11	SHORT CHIP			
R4662	1-218-937-11	RES-CHIP	47	5%	1/16W	R4752	1-218-990-81	SHORT CHIP			
R4684	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R4753	1-218-990-81	SHORT CHIP			
R4685	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R4756	1-218-953-11	RES-CHIP	1K	5%	1/16W
R4692	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W	R4762	1-208-677-11	METAL CHIP	560	0.50%	1/16W
R4693	1-218-941-11	RES-CHIP	100	5%	1/16W	R4763	1-218-990-81	SHORT CHIP			
R4696	1-218-933-11	RES-CHIP	22	5%	1/16W	R4764	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W
R4700	1-216-864-11	SHORT CHIP				R4766	1-208-643-11	METAL CHIP	22	0.50%	1/16W
R4701	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W	R4768	1-208-643-11	METAL CHIP	22	0.50%	1/16W
R4702	1-208-893-11	METAL CHIP	1.8K	0.50%	1/16W	R4770	1-208-643-11	METAL CHIP	22	0.50%	1/16W
R4703	1-208-889-11	METAL CHIP	1.2K	0.50%	1/16W	R4772	1-218-935-11	RES-CHIP	33	5%	1/16W
R4704	1-208-675-11	METAL CHIP	470	0.50%	1/16W	R4788	1-218-833-11	METAL CHIP	270	0.50%	1/10W
R4705	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W	R4789	1-211-979-11	METAL CHIP	27	0.50%	1/10W
R4706	1-208-871-81	METAL CHIP	220	0.50%	1/16W	R4790	1-218-833-11	METAL CHIP	270	0.50%	1/10W
R4707	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W	R4791	1-211-979-11	METAL CHIP	27	0.50%	1/10W
R4710	1-218-990-81	SHORT CHIP				R4792	1-218-833-11	METAL CHIP	270	0.50%	1/10W
R4712	1-218-933-11	RES-CHIP	22	5%	1/16W	R4793	1-211-979-11	METAL CHIP	27	0.50%	1/10W
R4714	1-216-815-11	METAL CHIP	330	5%	1/10W	R4798	1-216-815-11	METAL CHIP	330	5%	1/10W
R4716	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4799	1-216-815-11	METAL CHIP	330	5%	1/10W
R4717	1-218-958-11	RES-CHIP	2.7K	5%	1/16W	R4880	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4718	1-218-943-11	RES-CHIP	150	5%	1/16W	R4881	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4719	1-218-951-11	RES-CHIP	680	5%	1/16W	R4882	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4720	1-218-941-11	RES-CHIP	100	5%	1/16W	R4883	1-218-965-11	RES-CHIP	10K	5%	1/16W



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R4903	1-218-935-11	RES-CHIP	33	5%	1/16W	R5015	1-218-953-11	RES-CHIP	1K	5%	1/16W
R4904	1-218-953-11	RES-CHIP	1K	5%	1/16W	R5016	1-218-990-81	SHORT CHIP			
R4905	1-218-935-11	RES-CHIP	33	5%	1/16W	R5017	1-218-990-81	SHORT CHIP			
R4908	1-216-864-11	SHORT CHIP				R5019	1-218-935-11	RES-CHIP	33	5%	1/16W
R4915	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W	R5020	1-216-864-11	SHORT CHIP			
R4916	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R5021	1-216-864-11	SHORT CHIP			
R4918	1-218-935-11	RES-CHIP	33	5%	1/16W	R5119	1-218-990-81	SHORT CHIP			
R4919	1-218-935-11	RES-CHIP	33	5%	1/16W	R5120	1-218-990-81	SHORT CHIP			
R4921	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W	R5121	1-218-990-81	SHORT CHIP			
R4922	1-218-941-11	RES-CHIP	100	5%	1/16W	R5122	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4924	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W	R5123	1-218-937-11	RES-CHIP	47	5%	1/16W
R4925	1-218-941-11	RES-CHIP	100	5%	1/16W	R5124	1-218-933-11	RES-CHIP	22	5%	1/16W
R4927	1-208-871-81	METAL CHIP	220	0.50%	1/16W	R5125	1-218-933-11	RES-CHIP	22	5%	1/16W
R4929	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5126	1-218-933-11	RES-CHIP	22	5%	1/16W
R4933	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W	R5128	1-218-990-81	SHORT CHIP			
R4934	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W	R5129	1-218-933-11	RES-CHIP	22	5%	1/16W
R4935	1-218-958-11	RES-CHIP	2.7K	5%	1/16W	R5130	1-218-990-81	SHORT CHIP			
R4936	1-218-990-81	SHORT CHIP				R5131	1-218-933-11	RES-CHIP	22	5%	1/16W
R4938	1-218-958-11	RES-CHIP	2.7K	5%	1/16W	R5133	1-218-935-11	RES-CHIP	33	5%	1/16W
R4939	1-218-990-81	SHORT CHIP				R5134	1-218-937-11	RES-CHIP	47	5%	1/16W
R4941	1-218-947-11	RES-CHIP	330	5%	1/16W	R5139	1-218-990-81	SHORT CHIP			
R4942	1-218-935-11	RES-CHIP	33	5%	1/16W	R5145	1-218-990-81	SHORT CHIP			
R4943	1-218-990-81	SHORT CHIP				R5154	1-218-933-11	RES-CHIP	22	5%	1/16W
R4946	1-216-815-11	METAL CHIP	330	5%	1/10W	R5155	1-218-933-11	RES-CHIP	22	5%	1/16W
R4948	1-216-815-11	METAL CHIP	330	5%	1/10W	R5169	1-218-990-81	SHORT CHIP			
R4959	1-218-941-11	RES-CHIP	100	5%	1/16W	R5182	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4960	1-208-883-81	METAL CHIP	680	0.50%	1/16W	R5191	1-218-990-81	SHORT CHIP			
R4961	1-218-941-11	RES-CHIP	100	5%	1/16W	R5193	1-218-933-11	RES-CHIP	22	5%	1/16W
R4967	1-218-990-81	SHORT CHIP				R5194	1-218-933-11	RES-CHIP	22	5%	1/16W
R4968	1-218-990-81	SHORT CHIP				R5195	1-218-990-81	SHORT CHIP			
R4969	1-218-941-11	RES-CHIP	100	5%	1/16W	R5196	1-218-990-81	SHORT CHIP			
R4970	1-218-941-11	RES-CHIP	100	5%	1/16W	R5197	1-218-933-11	RES-CHIP	22	5%	1/16W
R4974	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R5198	1-218-937-11	RES-CHIP	47	5%	1/16W
R4976	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R5199	1-218-937-11	RES-CHIP	47	5%	1/16W
R4978	1-218-990-81	SHORT CHIP				R5203	1-218-969-11	RES-CHIP	22K	5%	1/16W
R4990	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R5204	1-218-953-11	RES-CHIP	1K	5%	1/16W
R4991	1-218-941-11	RES-CHIP	100	5%	1/16W	R5205	1-218-990-81	SHORT CHIP			
R4994	1-218-953-11	RES-CHIP	1K	5%	1/16W	R5207	1-218-990-81	SHORT CHIP			
R4996	1-208-677-11	METAL CHIP	560	0.50%	1/16W	R5209	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R4997	1-218-990-81	SHORT CHIP				R5210	1-218-990-81	SHORT CHIP			
R5002	1-208-885-11	METAL CHIP	820	0.50%	1/16W	R5216	1-218-990-81	SHORT CHIP			
R5005	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W	R5217	1-218-943-11	RES-CHIP	150	5%	1/16W
R5006	1-218-935-11	RES-CHIP	33	5%	1/16W	R5218	1-218-990-81	SHORT CHIP			
R5012	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W	R5219	1-218-929-11	RES-CHIP	10	5%	1/16W
R5014	1-218-973-11	RES-CHIP	47K	5%	1/16W	R5220	1-218-929-11	RES-CHIP	10	5%	1/16W

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R5221	1-218-929-11	RES-CHIP	10	5%	1/16W	R5482	1-218-990-81	SHORT CHIP			
R5222	1-218-929-11	RES-CHIP	10	5%	1/16W	R5483	1-218-933-11	RES-CHIP	22	5%	1/16W
R5223	1-218-990-81	SHORT CHIP				R5484	1-218-933-11	RES-CHIP	22	5%	1/16W
R5224	1-218-990-81	SHORT CHIP				R5485	1-218-933-11	RES-CHIP	22	5%	1/16W
R5225	1-242-967-81	RES-CHIP	1	5%	1/16W	R5487	1-218-933-11	RES-CHIP	22	5%	1/16W
R5230	1-218-990-81	SHORT CHIP				R5492	1-218-990-81	SHORT CHIP			
R5405	1-218-939-11	RES-CHIP	68	5%	1/16W	R5494	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5406	1-218-939-11	RES-CHIP	68	5%	1/16W	R5495	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5407	1-218-937-11	RES-CHIP	47	5%	1/16W	R5498	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5408	1-218-937-11	RES-CHIP	47	5%	1/16W	R5501	1-218-937-11	RES-CHIP	47	5%	1/16W
R5409	1-218-939-11	RES-CHIP	68	5%	1/16W	R5506	1-218-990-81	SHORT CHIP			
R5410	1-218-937-11	RES-CHIP	47	5%	1/16W	R5512	1-218-941-81	RES-CHIP	100	5%	1/16W
R5411	1-218-933-11	RES-CHIP	22	5%	1/16W	R5513	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5412	1-218-933-11	RES-CHIP	22	5%	1/16W	R5514	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5417	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5516	1-218-990-81	SHORT CHIP			
R5421	1-218-933-11	RES-CHIP	22	5%	1/16W	R5517	1-218-941-81	RES-CHIP	100	5%	1/16W
R5427	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5519	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5430	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5524	1-218-937-11	RES-CHIP	47	5%	1/16W
R5431	1-218-933-11	RES-CHIP	22	5%	1/16W	R5525	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5432	1-218-933-11	RES-CHIP	22	5%	1/16W	R5532	1-218-937-11	RES-CHIP	47	5%	1/16W
R5433	1-218-933-11	RES-CHIP	22	5%	1/16W	R5537	1-218-939-11	RES-CHIP	68	5%	1/16W
R5434	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R5544	1-218-933-11	RES-CHIP	22	5%	1/16W
R5435	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R5547	1-218-933-11	RES-CHIP	22	5%	1/16W
R5436	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R5548	1-218-933-11	RES-CHIP	22	5%	1/16W
R5437	1-218-933-11	RES-CHIP	22	5%	1/16W	R5550	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5438	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R5551	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5444	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R5553	1-218-933-11	RES-CHIP	22	5%	1/16W
R5445	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R5556	1-218-933-11	RES-CHIP	22	5%	1/16W
R5446	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R5561	1-218-933-11	RES-CHIP	22	5%	1/16W
R5449	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R5567	1-218-933-11	RES-CHIP	22	5%	1/16W
R5450	1-218-990-81	SHORT CHIP				R5570	1-218-933-11	RES-CHIP	22	5%	1/16W
R5452	1-218-990-81	SHORT CHIP				R5571	1-218-933-11	RES-CHIP	22	5%	1/16W
R5453	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5575	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5456	1-218-933-11	RES-CHIP	22	5%	1/16W	R5576	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5466	1-218-939-11	RES-CHIP	68	5%	1/16W	R5580	1-218-939-11	RES-CHIP	68	5%	1/16W
R5467	1-218-933-11	RES-CHIP	22	5%	1/16W	R5581	1-218-939-11	RES-CHIP	68	5%	1/16W
R5468	1-218-933-11	RES-CHIP	22	5%	1/16W	R5582	1-218-939-11	RES-CHIP	68	5%	1/16W
R5471	1-218-933-11	RES-CHIP	22	5%	1/16W	R5583	1-218-939-11	RES-CHIP	68	5%	1/16W
R5472	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5586	1-218-989-11	RES-CHIP	1M	5%	1/16W
R5473	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5588	1-218-977-11	RES-CHIP	100K	5%	1/16W
R5476	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5589	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5478	1-218-990-81	SHORT CHIP				R5590	1-218-977-11	RES-CHIP	100K	5%	1/16W
R5479	1-218-990-81	SHORT CHIP				R5600	1-216-864-11	SHORT CHIP			
R5480	1-218-937-11	RES-CHIP	47	5%	1/16W	R5601	1-216-864-11	SHORT CHIP			
R5481	1-218-937-11	RES-CHIP	47	5%	1/16W	R5602	1-218-961-11	RES-CHIP	4.7K	5%	1/16W



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
R5603	1-218-961-11	RES-CHIP	4.7K 5% 1/16W	RB2504	1-234-943-21	RES, NETWORK 22	(1005X4)
R5608	1-218-990-81	SHORT CHIP		RB2700	1-234-799-21	RES, CHIP NETWORK	10KX8 (3816)
R5609	1-218-990-81	SHORT CHIP		RB2701	1-234-378-11	RES, NETWORK 10K	(1005X4)
R5610	1-218-990-81	SHORT CHIP		RB2702	1-234-799-21	RES, CHIP NETWORK	10KX8 (3816)
R5611	1-218-990-81	SHORT CHIP		RB2703	1-234-799-21	RES, CHIP NETWORK	10KX8 (3816)
R5618	1-218-965-11	RES-CHIP	10K 5% 1/16W	RB2705	1-234-381-21	RES, NETWORK 100K	(1005X4)
R5619	1-218-965-11	RES-CHIP	10K 5% 1/16W	RB2706	1-234-883-21	RES, CHIP NETWORK	100KX8(3816)
R5620	1-218-965-11	RES-CHIP	10K 5% 1/16W	RB2707	1-234-883-21	RES, CHIP NETWORK	100KX8(3816)
<b>RESISTOR BRIDGE</b>				RB2708	1-234-710-21	RES, CHIP NETWORK	47X8 (3816)
RB2102	1-234-944-21	RES, NETWORK 47	(1005X4)	RB2709	1-234-710-21	RES, CHIP NETWORK	47X8 (3816)
RB2104	1-234-378-11	RES, NETWORK 10K	(1005X4)	RB2712	1-245-943-21	RES, CHIP NETWORK	68X8 (3816)
RB2107	1-234-378-11	RES, NETWORK 10K	(1005X4)	RB2713	1-245-943-21	RES, CHIP NETWORK	68X8 (3816)
RB2108	1-234-799-21	RES, CHIP NETWORK	10KX8 (3816)	RB2714	1-245-943-21	RES, CHIP NETWORK	68X8 (3816)
RB2109	1-234-378-11	RES, NETWORK 10K	(1005X4)	RB2715	1-245-943-21	RES, CHIP NETWORK	68X8 (3816)
RB2111	1-234-375-21	RES, NETWORK 1K	(1005X4)	RB2717	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2114	1-234-376-11	RES, NETWORK 2.2K	(1005X4)	RB2718	1-234-799-21	RES, CHIP NETWORK	10KX8 (3816)
RB2115	1-239-690-81	RESISTOR, NETWORK 2.2K		RB2720	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2117	1-234-944-21	RES, NETWORK 47	(1005X4)	RB2723	1-234-381-21	RES, NETWORK 100K	(1005X4)
RB2120	1-234-795-21	RES, NETWORK 0X4	(2010)	RB2724	1-239-710-11	RESISTOR, NETWORK 100K	
RB2121	1-234-378-11	RES, NETWORK 10K	(1005X4)	RB2727	1-239-670-81	RESISTOR, NETWORK 47	
RB2122	1-239-698-11	RESISTOR, NETWORK 10K		RB2728	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2123	1-234-945-21	RES, NETWORK 100	(1005X4)	RB2729	1-234-702-11	RES, NETWORK 68	(1005X4)
RB2300	1-234-711-21	RES, CHIP NETWORK	22X8 (3816)	RB2730	1-239-670-81	RESISTOR, NETWORK 47	
RB2301	1-234-711-21	RES, CHIP NETWORK	22X8 (3816)	RB2732	1-239-670-81	RESISTOR, NETWORK 47	
RB2302	1-234-799-21	RES, CHIP NETWORK	10KX8 (3816)	RB2735	1-234-381-21	RES, NETWORK 100K	(1005X4)
RB2303	1-234-799-21	RES, CHIP NETWORK	10KX8 (3816)	RB2736	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2304	1-234-799-21	RES, CHIP NETWORK	10KX8 (3816)	RB2737	1-234-381-21	RES, NETWORK 100K	(1005X4)
RB2305	1-234-799-21	RES, CHIP NETWORK	10KX8 (3816)	RB2902	1-234-710-21	RES, CHIP NETWORK	47X8 (3816)
RB2307	1-234-945-21	RES, NETWORK 100	(1005X4)	RB2903	1-234-710-21	RES, CHIP NETWORK	47X8 (3816)
RB2308	1-234-945-21	RES, NETWORK 100	(1005X4)	RB2904	1-234-710-21	RES, CHIP NETWORK	47X8 (3816)
RB2309	1-234-945-21	RES, NETWORK 100	(1005X4)	RB2905	1-234-710-21	RES, CHIP NETWORK	47X8 (3816)
RB2310	1-234-945-21	RES, NETWORK 100	(1005X4)	RB2906	1-234-710-21	RES, CHIP NETWORK	47X8 (3816)
RB2311	1-234-945-21	RES, NETWORK 100	(1005X4)	RB2907	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2312	1-234-945-21	RES, NETWORK 100	(1005X4)	RB2908	1-234-377-21	RES, NETWORK 4.7K	(1005X4)
RB2313	1-234-945-21	RES, NETWORK 100	(1005X4)	RB2911	1-234-710-21	RES, CHIP NETWORK	47X8 (3816)
RB2314	1-234-945-21	RES, NETWORK 100	(1005X4)	RB2912	1-234-710-21	RES, CHIP NETWORK	47X8 (3816)
RB2315	1-234-378-11	RES, NETWORK 10K	(1005X4)	RB2913	1-234-710-21	RES, CHIP NETWORK	47X8 (3816)
RB2316	1-234-378-11	RES, NETWORK 10K	(1005X4)	RB2914	1-234-710-21	RES, CHIP NETWORK	47X8 (3816)
RB2317	1-234-378-11	RES, NETWORK 10K	(1005X4)	RB2915	1-234-710-21	RES, CHIP NETWORK	47X8 (3816)
RB2318	1-234-378-11	RES, NETWORK 10K	(1005X4)	RB2916	1-234-799-21	RES, CHIP NETWORK	10KX8 (3816)
RB2500	1-234-943-21	RES, NETWORK 22	(1005X4)	RB2917	1-234-943-21	RES, NETWORK 22	(1005X4)
RB2501	1-234-943-21	RES, NETWORK 22	(1005X4)	RB2918	1-234-880-21	RES, CHIP NETWORK	4.7KX8(3816)
RB2502	1-234-943-21	RES, NETWORK 22	(1005X4)	RB2919	1-234-799-21	RES, CHIP NETWORK	10KX8 (3816)
RB2503	1-234-943-21	RES, NETWORK 22	(1005X4)	RB2920	1-234-799-21	RES, CHIP NETWORK	10KX8 (3816)
				RB2922	1-234-944-21	RES, NETWORK 47	(1005X4)



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
RB2923	1-234-943-21	RES, NETWORK 22	(1005X4)	RB5115	1-234-944-21	RES, NETWORK 47	(1005X4)
RB2924	1-234-378-11	RES, NETWORK 10K	(1005X4)	RB5118	1-234-887-21	RES, CHIP NETWORK	0X8 (3816)
RB3300	1-234-378-11	RES, NETWORK 10K	(1005X4)	RB5119	1-234-887-21	RES, CHIP NETWORK	0X8 (3816)
RB3301	1-234-378-11	RES, NETWORK 10K	(1005X4)	RB5122	1-245-943-21	RES, CHIP NETWORK	68X8 (3816)
RB3302	1-239-698-11	RESISTOR, NETWORK 10K		RB5123	1-245-943-21	RES, CHIP NETWORK	68X8 (3816)
RB4300	1-234-945-21	RES, NETWORK 100	(1005X4)	RB5126	1-234-887-21	RES, CHIP NETWORK	0X8 (3816)
RB4301	1-234-945-21	RES, NETWORK 100	(1005X4)	RB5127	1-234-799-21	RES, CHIP NETWORK	10KX8 (3816)
RB4302	1-234-795-21	RES, NETWORK 0X4	(2010)	RB5128	1-234-378-11	RES, NETWORK 10K	(1005X4)
RB4303	1-234-795-21	RES, NETWORK 0X4	(2010)	RB5129	1-234-795-21	RES, NETWORK 0X4	(2010)
RB4304	1-234-795-21	RES, NETWORK 0X4	(2010)	RB5141	1-234-795-21	RES, NETWORK 0X4	(2010)
RB4314	1-234-795-21	RES, NETWORK 0X4	(2010)	RB5142	1-234-799-21	RES, CHIP NETWORK	10KX8 (3816)
RB4318	1-234-795-21	RES, NETWORK 0X4	(2010)	RB5143	1-234-799-21	RES, CHIP NETWORK	10KX8 (3816)
RB4503	1-234-892-21	RES, CHIP NETWORK	33X8 (3816)	RB5144	1-234-378-11	RES, NETWORK 10K	(1005X4)
RB4505	1-234-892-21	RES, CHIP NETWORK	33X8 (3816)	RB5145	1-234-378-11	RES, NETWORK 10K	(1005X4)
RB4507	1-234-892-21	RES, CHIP NETWORK	33X8 (3816)	RB5200	1-234-369-21	RES, NETWORK 10	(1005X4)
RB4512	1-234-892-21	RES, CHIP NETWORK	33X8 (3816)	RB5201	1-234-369-21	RES, NETWORK 10	(1005X4)
RB4514	1-234-892-21	RES, CHIP NETWORK	33X8 (3816)	RB5202	1-234-369-21	RES, NETWORK 10	(1005X4)
RB4515	1-234-380-21	RES, NETWORK 47K	(1005X4)	RB5203	1-234-369-21	RES, NETWORK 10	(1005X4)
RB4516	1-234-380-21	RES, NETWORK 47K	(1005X4)	RB5204	1-234-369-21	RES, NETWORK 10	(1005X4)
RB4517	1-234-795-21	RES, NETWORK 0X4	(2010)	RB5400	1-234-702-11	RES, NETWORK 68	(1005X4)
RB4518	1-234-377-21	RES, NETWORK 4.7K	(1005X4)	RB5409	1-234-944-21	RES, NETWORK 47	(1005X4)
RB4604	1-234-944-21	RES, NETWORK 47	(1005X4)	RB5416	1-234-944-21	RES, NETWORK 47	(1005X4)
RB4605	1-234-944-21	RES, NETWORK 47	(1005X4)	RB5417	1-234-378-11	RES, NETWORK 10K	(1005X4)
RB4608	1-234-944-21	RES, NETWORK 47	(1005X4)	RB5418	1-234-943-21	RES, NETWORK 22	(1005X4)
RB4609	1-234-795-21	RES, NETWORK 0X4	(2010)	RB5419	1-234-378-11	RES, NETWORK 10K	(1005X4)
RB4610	1-234-944-21	RES, NETWORK 47	(1005X4)	RB5420	1-234-944-21	RES, NETWORK 47	(1005X4)
RB4611	1-234-710-21	RES, CHIP NETWORK	47X8 (3816)	RB5421	1-234-710-21	RES, CHIP NETWORK	47X8 (3816)
RB4612	1-234-710-21	RES, CHIP NETWORK	47X8 (3816)	RB5427	1-234-943-21	RES, NETWORK 22	(1005X4)
RB4613	1-234-710-21	RES, CHIP NETWORK	47X8 (3816)	RB5432	1-234-378-11	RES, NETWORK 10K	(1005X4)
RB4614	1-246-204-21	RES, CHIP NETWORK	600X8 (3816)	RB5433	1-234-378-11	RES, NETWORK 10K	(1005X4)
RB4615	1-246-204-21	RES, CHIP NETWORK	600X8 (3816)	RB5434	1-245-943-21	RES, CHIP NETWORK	68X8 (3816)
RB4616	1-246-204-21	RES, CHIP NETWORK	600X8 (3816)	RB5435	1-245-943-21	RES, CHIP NETWORK	68X8 (3816)
RB4617	1-234-944-21	RES, NETWORK 47	(1005X4)	RB5436	1-234-711-21	RES, CHIP NETWORK	22X8 (3816)
RB4618	1-234-378-11	RES, NETWORK 10K	(1005X4)	RB5437	1-234-711-21	RES, CHIP NETWORK	22X8 (3816)
RB4619	1-234-944-21	RES, NETWORK 47	(1005X4)	RB5438	1-234-943-21	RES, NETWORK 22	(1005X4)
RB4700	1-234-711-21	RES, CHIP NETWORK	22X8 (3816)	RB5439	1-234-943-21	RES, NETWORK 22	(1005X4)
RB4701	1-234-711-21	RES, CHIP NETWORK	22X8 (3816)	RB5441	1-234-943-21	RES, NETWORK 22	(1005X4)
RB4709	1-234-892-21	RES, CHIP NETWORK	33X8 (3816)	RB5443	1-234-943-21	RES, NETWORK 22	(1005X4)
RB4710	1-234-944-21	RES, NETWORK 47	(1005X4)	RB5444	1-234-887-21	RES, CHIP NETWORK	0X8 (3816)
RB4711	1-234-943-21	RES, NETWORK 22	(1005X4)	RB5445	1-234-799-21	RES, CHIP NETWORK	10KX8 (3816)
RB4712	1-242-963-21	RES, NETWORK 33	(1005X4)	RB5446	1-245-943-21	RES, CHIP NETWORK	68X8 (3816)
RB4816	1-234-799-21	RES, CHIP NETWORK	10KX8 (3816)	RB5447	1-234-785-21	RES, CHIP NETWORK	100X8(3816)
RB4817	1-234-799-21	RES, CHIP NETWORK	10KX8 (3816)	RB5448	1-234-785-21	RES, CHIP NETWORK	100X8(3816)
RB5109	1-234-795-21	RES, NETWORK 0X4	(2010)	RB5449	1-234-710-21	RES, CHIP NETWORK	47X8 (3816)
RB5111	1-234-944-21	RES, NETWORK 47	(1005X4)	RB5450	1-234-710-21	RES, CHIP NETWORK	47X8 (3816)



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# FB1 GF1

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
RB5451	1-234-785-21	RES, CHIP NETWORK	100X8(3816)	C6020	1-163-021-91	CERAMIC CHIP	0.01 $\mu$ F 10% 50V
RB5452	1-234-785-21	RES, CHIP NETWORK	100X8(3816)	C6024	1-119-887-51	CERAMIC	1000pF 20% 250V
RB5453	1-234-711-21	RES, CHIP NETWORK	22X8 (3816)	C6100	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F 10% 25V
RB5454	1-234-711-21	RES, CHIP NETWORK	22X8 (3816)	C6101	1-100-831-91	CERAMIC CHIP	0.001 $\mu$ F 2% 50V
RB5455	1-234-892-21	RES, CHIP NETWORK	33X8 (3816)	C6102	1-107-906-11	ELECT	10 $\mu$ F 20% 50V
RB5456	1-234-892-21	RES, CHIP NETWORK	33X8 (3816)	C6103	1-107-905-11	ELECT	4.7 $\mu$ F 20% 50V
RB5502	1-245-943-21	RES, CHIP NETWORK	68X8 (3816)	C6104	1-107-910-11	ELECT	100 $\mu$ F 20% 50V
RB5503	1-234-943-21	RES, NETWORK 22	(1005X4)	C6106	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F 10% 25V
RB5504	1-234-943-21	RES, NETWORK 22	(1005X4)	C6107	1-107-888-11	ELECT	47 $\mu$ F 20% 25V
RB5505	1-234-943-21	RES, NETWORK 22	(1005X4)	C6108	1-115-340-11	CERAMIC CHIP	0.22 $\mu$ F 10% 25V
RB5600	1-234-943-21	RES, NETWORK 22	(1005X4)	C6111	1-100-731-11	FILM	22000pF 3% 1KV
<b>VARISTOR</b>				C6112	1-163-021-91	CERAMIC CHIP	0.01 $\mu$ F 10% 50V
VD4300	1-805-774-21	VARISTOR, CHIP		C6150	1-104-760-11	CERAMIC CHIP	0.047 $\mu$ F 10% 50V
VD4301	1-805-774-21	VARISTOR, CHIP		C6152	1-112-229-21	ELECT	1500 $\mu$ F 20% 16V
VD4600	1-804-988-21	VARISTOR, CHIP	(1608)	C6153	1-112-229-21	ELECT	1500 $\mu$ F 20% 16V
VD4601	1-804-988-21	VARISTOR, CHIP	(1608)	C6155	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F 10% 25V
VD4602	1-804-988-21	VARISTOR, CHIP	(1608)	C6160	1-112-231-21	ELECT	2200 $\mu$ F 20% 16V
VD4603	1-804-988-21	VARISTOR, CHIP	(1608)	C6162	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F 10% 25V
VD4604	1-804-988-21	VARISTOR, CHIP	(1608)	C6165	1-112-835-11	ELECT	3300 $\mu$ F 20% 25V
<b>CRYSTAL</b>				C6167	1-115-339-11	CERAMIC CHIP	0.1 $\mu$ F 10% 50V
X2100	1-781-646-21	VIBRATOR, CERAMIC		C6200	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F 10% 16V
X2101	1-813-462-11	VIBRATOR, CRYSTAL 24.576MHZ		C6201	1-162-927-11	CERAMIC CHIP	100pF 5% 50V
X2900	1-813-990-11	QUARTS CRYSTAL 30MHZ		C6202	1-107-902-11	ELECT	1 $\mu$ F 20% 50V
X4900	1-813-985-11	QUARTZ CRYSTAL OSCILLATOR		C6203	1-100-139-31	FILM	0.001 $\mu$ F 5% 630V
X4901	1-814-023-11	QUARTS CRYSTAL UNIT		C6204	1-107-903-11	ELECT	2.2 $\mu$ F 20% 50V
X4902	1-813-984-11	OSCILLATOR, CRYSTAL		C6205	1-107-910-11	ELECT	100 $\mu$ F 20% 50V
<b>GF1</b>				C6206	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V
*	<b>A-1256-154-B GF1 BOARD, COMPLETE</b>			C6209	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F 10% 25V
	<b>(Use this P/N for US models only)</b>			C6250	1-128-949-31	ELECT	470 $\mu$ F 20% 16V
	2-580-592-01	SCREW, +PSW M3X8		C6251	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F 10% 16V
<b>CAPACITOR</b>				C6302	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V
$\triangle$ C6006	1-114-153-51	CERAMIC	680pF 10% 250V	C6303	1-165-908-11	CERAMIC CHIP	1 $\mu$ F 10% 10V
$\triangle$ C6007	1-119-892-51	CERAMIC	470pF 10% 250V	C6304	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F 10% 25V
$\triangle$ C6010	1-114-153-51	CERAMIC	680pF 10% 250V	C6305	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V
$\triangle$ C6011	1-119-892-51	CERAMIC	470pF 10% 250V	C6306	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F 10% 25V
$\triangle$ C6012	1-165-533-11	MYLAR	0.68 $\mu$ F 10% 275V	C6307	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V
C6014	1-161-964-91	CERAMIC	0.0047 $\mu$ F 250V	C6310	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V
C6015	1-161-964-91	CERAMIC	0.0047 $\mu$ F 250V	C6402	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F 10% 25V
C6016	1-135-361-11	ELECT(BLOCK)	180 $\mu$ F 20% 450V	C6405	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F 10% 16V
C6017	1-135-361-11	ELECT(BLOCK)	180 $\mu$ F 20% 450V	C6407	1-107-877-11	ELECT	1000 $\mu$ F 20% 10V
C6019	1-163-021-91	CERAMIC CHIP	0.01 $\mu$ F 10% 50V	C6408	1-165-908-11	CERAMIC CHIP	1 $\mu$ F 10% 10V
				C6410	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F 10% 16V
				$\triangle$ C6500	1-112-744-61	MYLAR	1 $\mu$ F 10% 450V
				$\triangle$ C6501	1-112-188-11	MYLAR	1.5 $\mu$ F 5% 450V

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REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
$\triangle$ C6503	1-112-188-11	MYLAR	1.5 $\mu$ F 5% 450V	D6406	6-501-758-01	DIODE	MAZ8100G0LS0
C6505	1-162-968-11	CERAMIC CHIP	0.0047 $\mu$ F 10% 50V	D6500	6-500-335-01	DIODE	MC2838-T112-1
C6506	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V	D6502	6-500-137-01	DIODE	BAT54HT1
C6507	1-162-966-11	CERAMIC CHIP	0.0022 $\mu$ F 10% 50V	D6503	6-501-817-01	DIODE	MA2J1110GLS0
C6508	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F 10% 25V	* D6506	8-719-055-38	DIODE	SF5L60
C6510	1-107-902-11	ELECT	1 $\mu$ F 20% 50V	D6509	6-500-108-01	DIODE	EP05FA20
C6511	1-164-315-11	CERAMIC CHIP	470pF 5% 50V	D6512	6-501-817-01	DIODE	MA2J1110GLS0
C6512	1-162-959-11	CERAMIC CHIP	330pF 5% 50V	<b>GROUND TERMINAL BOARD</b>			
C6517	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F 10% 25V	ET6000	1-537-770-21	TERMINAL BOARD, GROUND	
C6518	1-107-906-11	ELECT	10 $\mu$ F 20% 50V	ET6001	1-537-770-21	TERMINAL BOARD, GROUND	
C6521	1-107-906-11	ELECT	10 $\mu$ F 20% 50V	ET6002	1-537-770-21	TERMINAL BOARD, GROUND	
C6522	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F 10% 25V	ET6003	1-537-770-21	TERMINAL BOARD, GROUND	
<b>CONNECTOR</b>				<b>FUSE</b>			
* $\triangle$ CN6000	1-793-660-11	PIN, CONNECTOR (PC BOARD)		$\triangle$ F6000	1-576-233-51	FUSE	6.3A 250V
* CN6150	1-793-235-11	PIN, CONNECTOR (PC BOARD)	13P	<b>FERRITE BEAD</b>			
* CN6151	1-785-703-21	PIN, CONNECTOR (PC BOARD)	6P	FB6001	1-410-396-41	FERRITE	0.45 $\mu$ H
* CN6152	1-778-853-11	PIN, CONNECTOR (PC BOARD)	8P	FB6002	1-410-396-41	FERRITE	0.45 $\mu$ H
* CN6154	1-785-708-11	PIN, CONNECTOR (PC BOARD)	12P	FB6100	1-412-911-11	FERRITE	0 $\mu$ H
* $\triangle$ CN6501	1-793-660-11	PIN, CONNECTOR (PC BOARD)		FB6101	1-412-911-11	FERRITE	0 $\mu$ H
* $\triangle$ CN6502	1-793-660-11	PIN, CONNECTOR (PC BOARD)		FB6150	1-412-911-11	FERRITE	0 $\mu$ H
<b>DIODE</b>				FB6151	1-412-911-11	FERRITE	0 $\mu$ H
D6000	8-719-054-89	DIODE	D15XB60	FB6152	1-412-911-11	FERRITE	0 $\mu$ H
D6100	8-719-081-67	DIODE	M1FM3	FB6153	1-412-911-11	FERRITE	0 $\mu$ H
D6101	6-500-137-01	DIODE	BAT54HT1	FB6501	1-412-911-11	FERRITE	0 $\mu$ H
D6102	6-501-774-01	DIODE	MAZ8150G0LS0	FB6502	1-412-911-11	FERRITE	0 $\mu$ H
D6104	8-719-979-64	DIODE	UF4005/23	<b>FUSE HOLDER</b>			
D6105	8-719-081-67	DIODE	M1FM3	$\triangle$ FH6000	1-533-223-11	FUSE HOLDER	0A 0V
D6150	6-501-545-01	DIODE	SG10SC6-F5	$\triangle$ FH6001	1-533-223-11	FUSE HOLDER	0A 0V
D6151	6-501-545-01	DIODE	SG10SC6-F5	<b>IC</b>			
D6153	6-501-545-01	DIODE	SG10SC6-F5	IC6100	6-707-749-01	IC	CXD9841P
D6201	8-719-058-74	DIODE	05NU42-TPA2	IC6150	6-709-368-01	IC	MM1431ATT (CN)
D6202	6-501-817-01	DIODE	MA2J1110GLS0	IC6200	6-708-801-01	IC	MIP2H2
D6203	6-500-567-31	DIODE	10ERB20-TB3	IC6250	6-709-368-01	IC	MM1431ATT (CN)
D6204	6-500-567-31	DIODE	10ERB20-TB3	IC6300	6-709-368-01	IC	MM1431ATT (CN)
D6250	6-501-526-01	DIODE	D1NS6-TR2	IC6301	6-709-368-01	IC	MM1431ATT (CN)
D6305	6-501-817-01	DIODE	MA2J1110GLS0	IC6500	6-709-791-01	IC	L6562N
D6306	6-501-817-01	DIODE	MA2J1110GLS0	<b>CHIP CONDUCTOR</b>			
D6307	6-501-817-01	DIODE	MA2J1110GLS0	JR6001	1-216-295-91	SHORT CHIP	
D6308	6-501-818-01	DIODE	MA2J1130GLS0	JR6002	1-216-295-91	SHORT CHIP	
D6400	6-501-774-01	DIODE	MAZ8150G0LS0	JR6003	1-216-296-11	SHORT CHIP	
D6401	6-500-335-01	DIODE	MC2838-T112-1				
D6402	6-501-817-01	DIODE	MA2J1110GLS0				
D6405	6-500-335-01	DIODE	MC2838-T112-1				



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

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

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
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
R6319	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6511	1-216-817-11	METAL CHIP	470	5%	1/10W
R6320	1-216-837-11	METAL CHIP	22K	5%	1/10W	R6512	1-215-882-00	METAL OXIDE	22	5%	2W
R6321	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6514	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6323	1-243-596-71	METAL OXIDE	47K	5%	2W	R6515	1-216-817-11	METAL CHIP	470	5%	1/10W
R6324	1-216-839-11	METAL CHIP	33K	5%	1/10W	R6516	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6328	1-216-864-11	SHORT CHIP				R6517	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R6332	1-249-385-11	CARBON	2.2	5%	1/4W	R6518	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6402	1-216-864-11	SHORT CHIP				R6520	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6404	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6521	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6405	1-216-845-11	METAL CHIP	100K	5%	1/10W	R6522	1-216-797-11	METAL CHIP	10	5%	1/10W
R6406	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6523	1-216-797-11	METAL CHIP	10	5%	1/10W
R6407	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6524	1-243-550-71	METAL OXIDE	6.8	5%	2W
R6408	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6525	1-249-417-11	CARBON	1K	5%	1/4W
R6410	1-216-864-11	SHORT CHIP				R6526	1-249-401-11	CARBON	47	5%	1/4W
R6411	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6527	1-249-401-11	CARBON	47	5%	1/4W
R6412	1-216-864-11	SHORT CHIP				R6530	1-208-840-11	METAL CHIP	270K	0.50%	1/10W
R6413	1-216-839-11	METAL CHIP	33K	5%	1/10W	R6531	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
R6414	1-216-817-11	METAL CHIP	470	5%	1/10W	R6532	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
R6415	1-216-839-11	METAL CHIP	33K	5%	1/10W	R6533	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
R6416	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6534	1-208-834-11	METAL CHIP	150K	0.50%	1/10W

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# GF1

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6534	1-208-834-11	METAL CHIP	150K	0.50%	1/10W	C6019	1-163-021-91	CERAMIC CHIP	0.01 $\mu$ F	10%	50V
R6535	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W	C6020	1-163-021-91	CERAMIC CHIP	0.01 $\mu$ F	10%	50V
R6536	1-218-823-11	METAL CHIP	100	0.50%	1/10W	C6024	1-119-887-51	CERAMIC	1000pF	20%	250V
R6538	1-216-837-11	METAL CHIP	22K	5%	1/10W	C6100	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
R6539	1-216-851-11	METAL CHIP	330K	5%	1/10W	C6101	1-100-831-91	CERAMIC CHIP	0.001 $\mu$ F	2%	50V
R6540	1-216-849-11	METAL CHIP	220K	5%	1/10W	C6102	1-107-906-11	ELECT	10 $\mu$ F	20%	50V
R6541	1-216-809-11	METAL CHIP	100	5%	1/10W	C6103	1-107-905-11	ELECT	4.7 $\mu$ F	20%	50V
R6542	1-208-846-11	METAL CHIP	470K	0.50%	1/10W	C6104	1-107-910-11	ELECT	100 $\mu$ F	20%	50V
R6543	1-208-840-11	METAL CHIP	270K	0.50%	1/10W	C6106	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
R6544	1-208-840-11	METAL CHIP	270K	0.50%	1/10W	C6107	1-107-888-11	ELECT	47 $\mu$ F	20%	25V
R6545	1-218-861-11	METAL CHIP	3.9K	0.50%	1/10W	C6108	1-115-340-11	CERAMIC CHIP	0.22 $\mu$ F	10%	25V
R6546	1-218-877-11	METAL CHIP	18K	0.50%	1/10W	C6111	1-100-731-11	FILM	22000pF	3%	1KV
R6571	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	C6112	1-163-021-91	CERAMIC CHIP	0.01 $\mu$ F	10%	50V
<b>RELAY</b>						C6150	1-104-760-11	CERAMIC CHIP	0.047 $\mu$ F	10%	50V
$\triangle$ RY6000	1-755-516-11	RELAY (AC POWER)				C6152	1-112-229-21	ELECT	1500 $\mu$ F	20%	16V
<b>TRANSFORMER</b>						C6153	1-112-229-21	ELECT	1500 $\mu$ F	20%	16V
$\triangle$ T6100	1-445-275-11	CONVERTER	TRANSFORMER (PIT)			C6155	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
$\triangle$ T6200	1-445-279-11	CONVERTER	TRANSFORMER (SBT)			C6160	1-112-231-21	ELECT	2200 $\mu$ F	20%	16V
<b>THERMISTOR</b>						C6162	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
TH6301	1-809-789-71	THERMISTOR, POSITIVE				C6165	1-112-835-11	ELECT	3300 $\mu$ F	20%	25V
<b>VARISTOR</b>						C6167	1-115-339-11	CERAMIC CHIP	0.1 $\mu$ F	10%	50V
$\triangle$ VD6000	1-804-996-21	VARISTOR				C6200	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
$\triangle$ VD6001	1-804-996-21	VARISTOR				C6201	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
<b>CAPACITOR</b>						C6202	1-107-902-11	ELECT	1 $\mu$ F	20%	50V
$\triangle$ C6006	1-114-153-51	CERAMIC	680pF	10%	250V	C6203	1-100-139-31	FILM	0.001 $\mu$ F	5%	630V
$\triangle$ C6007	1-119-892-51	CERAMIC	470pF	10%	250V	C6204	1-107-903-11	ELECT	2.2 $\mu$ F	20%	50V
$\triangle$ C6010	1-114-153-51	CERAMIC	680pF	10%	250V	C6205	1-107-910-11	ELECT	100 $\mu$ F	20%	50V
$\triangle$ C6011	1-119-892-51	CERAMIC	470pF	10%	250V	C6206	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V
$\triangle$ C6012	1-165-533-11	MYLAR	0.68 $\mu$ F	10%	275V	C6209	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
C6014	1-161-964-91	CERAMIC	0.0047 $\mu$ F		250V	C6250	1-128-949-31	ELECT	470 $\mu$ F	20%	16V
C6015	1-161-964-91	CERAMIC	0.0047 $\mu$ F		250V	C6251	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
C6016	1-135-361-11	ELECT(BLOCK)	180 $\mu$ F	20%	450V	C6302	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V
C6017	1-135-361-11	ELECT(BLOCK)	180 $\mu$ F	20%	450V	C6303	1-165-908-11	CERAMIC CHIP	1 $\mu$ F	10%	10V
						C6304	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V
						C6305	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V
						C6306	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
						C6307	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V
						C6310	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V
						C6402	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
						C6405	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
						C6407	1-107-877-11	ELECT	1000 $\mu$ F	20%	10V
						C6408	1-165-908-11	CERAMIC CHIP	1 $\mu$ F	10%	10V
						C6410	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
						$\triangle$ C6500	1-112-744-61	MYLAR	1 $\mu$ F	10%	450V
						$\triangle$ C6501	1-112-188-11	MYLAR	1.5 $\mu$ F	5%	450V

# GF1

**A-1361-280-A GF1 BOARD, COMPLETE KIT (STT)**  
 (Use this P/N for all destinations, including US after consumption of A-1256-154-B)

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

### CAPACITOR

$\triangle$ C6006	1-114-153-51	CERAMIC	680pF	10%	250V
$\triangle$ C6007	1-119-892-51	CERAMIC	470pF	10%	250V
$\triangle$ C6010	1-114-153-51	CERAMIC	680pF	10%	250V
$\triangle$ C6011	1-119-892-51	CERAMIC	470pF	10%	250V
$\triangle$ C6012	1-165-533-11	MYLAR	0.68 $\mu$ F	10%	275V
C6014	1-161-964-91	CERAMIC	0.0047 $\mu$ F		250V
C6015	1-161-964-91	CERAMIC	0.0047 $\mu$ F		250V
C6016	1-135-361-11	ELECT(BLOCK)	180 $\mu$ F	20%	450V
C6017	1-135-361-11	ELECT(BLOCK)	180 $\mu$ F	20%	450V

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

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

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
C6505	1-162-968-11	CERAMIC CHIP	0.0047 $\mu$ F 10% 50V	D6406	6-501-758-01	DIODE	MAZ8100G0LS0
C6506	1-162-964-11	CERAMIC CHIP	0.001 $\mu$ F 10% 50V	D6500	6-500-335-01	DIODE	MC2838-T112-1
C6507	1-162-966-11	CERAMIC CHIP	0.0022 $\mu$ F 10% 50V	D6502	6-500-137-01	DIODE	BAT54HT1
C6508	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F 10% 25V	D6503	6-501-817-01	DIODE	MA2J1110GLS0
C6510	1-107-902-11	ELECT	1 $\mu$ F 20% 50V	* D6506	8-719-055-38	DIODE	SF5L60
C6511	1-164-315-11	CERAMIC CHIP	470pF 5% 50V	D6507	6-501-818-01	DIODE	MA2J1130GLS0
C6512	1-162-959-11	CERAMIC CHIP	330pF 5% 50V	D6508	6-501-818-01	DIODE	MA2J1130GLS0
C6517	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F 10% 25V	D6509	6-500-108-01	DIODE	EP05FA20
C6518	1-107-906-11	ELECT	10 $\mu$ F 20% 50V	D6512	6-501-817-01	DIODE	MA2J1110GLS0
C6521	1-107-906-11	ELECT	10 $\mu$ F 20% 50V				
C6522	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F 10% 25V				
<b>CONNECTOR</b>				<b>GROUND TERMINAL BOARD</b>			
* $\triangle$ CN6000	1-793-660-11	PIN, CONNECTOR (PC BOARD)		ET6000	1-537-770-21	TERMINAL BOARD, GROUND	
* CN6150	1-793-235-11	PIN, CONNECTOR (PC BOARD)	13P	ET6001	1-537-770-21	TERMINAL BOARD, GROUND	
* CN6151	1-785-703-21	PIN, CONNECTOR (PC BOARD)	6P	ET6002	1-537-770-21	TERMINAL BOARD, GROUND	
* CN6152	1-778-853-11	PIN, CONNECTOR (PC BOARD)	8P	ET6003	1-537-770-21	TERMINAL BOARD, GROUND	
* CN6154	1-785-708-11	PIN, CONNECTOR (PC BOARD)	12P				
* $\triangle$ 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
<b>DIODE</b>				<b>FERRITE BEAD</b>			
D6000	8-719-054-89	DIODE	D15XB60	FB6001	1-410-396-41	FERRITE	0.45 $\mu$ H
D6100	8-719-081-67	DIODE	M1FM3	FB6002	1-410-396-41	FERRITE	0.45 $\mu$ H
D6101	6-500-137-01	DIODE	BAT54HT1	FB6100	1-412-911-11	FERRITE	0 $\mu$ H
D6102	6-501-774-01	DIODE	MAZ8150G0LS0	FB6101	1-412-911-11	FERRITE	0 $\mu$ H
D6104	8-719-979-64	DIODE	UF4005/23	FB6150	1-412-911-11	FERRITE	0 $\mu$ H
D6105	8-719-081-67	DIODE	M1FM3	FB6151	1-412-911-11	FERRITE	0 $\mu$ H
D6150	6-501-545-01	DIODE	SG10SC6-F5	FB6152	1-412-911-11	FERRITE	0 $\mu$ H
D6151	6-501-545-01	DIODE	SG10SC6-F5	FB6153	1-412-911-11	FERRITE	0 $\mu$ H
D6153	6-501-545-01	DIODE	SG10SC6-F5	FB6501	1-412-911-11	FERRITE	0 $\mu$ H
D6201	8-719-058-74	DIODE	05NU42-TPA2	FB6502	1-412-911-11	FERRITE	0 $\mu$ H
D6202	6-501-817-01	DIODE	MA2J1110GLS0	<b>FUSE HOLDER</b>			
D6203	6-500-567-31	DIODE	10ERB20-TB3	$\triangle$ FH6000	1-533-223-11	FUSE HOLDER	0A 0V
D6204	6-500-567-31	DIODE	10ERB20-TB3	$\triangle$ FH6001	1-533-223-11	FUSE HOLDER	0A 0V
D6250	6-501-526-01	DIODE	D1NS6-TR2	<b>IC</b>			
D6305	6-501-817-01	DIODE	MA2J1110GLS0	IC6100	6-707-749-01	IC	CXD9841P
D6306	6-501-817-01	DIODE	MA2J1110GLS0	IC6150	6-709-368-01	IC	MM1431ATT (CN)
D6307	6-501-817-01	DIODE	MA2J1110GLS0	IC6200	6-708-801-01	IC	MIP2H2
D6308	6-501-818-01	DIODE	MA2J1130GLS0	IC6250	6-709-368-01	IC	MM1431ATT (CN)
D6400	6-501-774-01	DIODE	MAZ8150G0LS0	IC6300	6-709-368-01	IC	MM1431ATT (CN)
D6401	6-500-335-01	DIODE	MC2838-T112-1	IC6301	6-709-368-01	IC	MM1431ATT (CN)
D6402	6-501-817-01	DIODE	MA2J1110GLS0	IC6500	6-709-791-01	IC	L6562N
D6405	6-500-335-01	DIODE	MC2838-T112-1	<b>CHIP CONDUCTOR</b>			
				JR6001	1-216-295-91	SHORT CHIP	
				JR6002	1-216-295-91	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.

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
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	$\triangle$ R6506	1-208-830-11	METAL CHIP	100K	0.50%	1/10W
R6317	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R6510	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6318	1-216-864-11	SHORT CHIP				R6511	1-216-817-11	METAL CHIP	470	5%	1/10W
R6319	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6512	1-215-882-00	METAL OXIDE	22	5%	2W
R6320	1-216-837-11	METAL CHIP	22K	5%	1/10W	R6514	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6321	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6515	1-216-817-11	METAL CHIP	470	5%	1/10W
R6323	1-243-596-71	METAL OXIDE	47K	5%	2W	R6516	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6324	1-216-839-11	METAL CHIP	33K	5%	1/10W	R6517	1-216-823-11	METAL CHIP	1.5K	5%	1/10W
R6328	1-216-864-11	SHORT CHIP				R6518	1-216-841-11	METAL CHIP	47K	5%	1/10W
R6332	1-249-385-11	CARBON	2.2	5%	1/4W	R6520	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6402	1-216-864-11	SHORT CHIP				R6521	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6404	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6522	1-216-797-11	METAL CHIP	10	5%	1/10W
R6405	1-216-845-11	METAL CHIP	100K	5%	1/10W	R6523	1-216-797-11	METAL CHIP	10	5%	1/10W
R6406	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6524	1-243-550-71	METAL OXIDE	6.8	5%	2W
R6407	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6525	1-249-417-11	CARBON	1K	5%	1/4W
R6408	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6526	1-249-401-11	CARBON	47	5%	1/4W
R6410	1-216-864-11	SHORT CHIP				R6527	1-249-401-11	CARBON	47	5%	1/4W
R6411	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6530	1-208-840-11	METAL CHIP	270K	0.50%	1/10W
R6412	1-216-864-11	SHORT CHIP				R6531	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
R6413	1-216-839-11	METAL CHIP	33K	5%	1/10W	R6532	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
R6414	1-216-817-11	METAL CHIP	470	5%	1/10W	R6533	1-218-760-11	METAL CHIP	220K	0.50%	1/10W
R6415	1-216-839-11	METAL CHIP	33K	5%	1/10W	R6534	1-208-834-11	METAL CHIP	150K	0.50%	1/10W
R6416	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6535	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W
R6418	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6536	1-218-823-11	METAL CHIP	100	0.50%	1/10W
						R6538	1-216-837-11	METAL CHIP	22K	5%	1/10W



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

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

# GF1 HW1 HW2

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6539	1-216-851-11	METAL CHIP	330K	5%	1/10W	R7005	1-218-990-81	SHORT CHIP			
R6540	1-216-849-11	METAL CHIP	220K	5%	1/10W	R7006	1-218-990-81	SHORT CHIP			
R6541	1-216-809-11	METAL CHIP	100	5%	1/10W	R7007	1-218-990-81	SHORT CHIP			
R6542	1-208-846-11	METAL CHIP	470K	0.50%	1/10W						
R6543	1-208-840-11	METAL CHIP	270K	0.50%	1/10W			<b>SWITCH</b>			
R6544	1-208-840-11	METAL CHIP	270K	0.50%	1/10W	S7000	1-572-595-11	SWITCH, TACTILE			
R6545	1-218-861-11	METAL CHIP	3.9K	0.50%	1/10W	S7001	1-572-595-11	SWITCH, TACTILE			
R6546	1-218-877-11	METAL CHIP	18K	0.50%	1/10W	S7002	1-572-595-11	SWITCH, TACTILE			
R6547	1-216-864-11	SHORT CHIP				S7003	1-572-595-11	SWITCH, TACTILE			
R6571	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	S7004	1-572-595-11	SWITCH, TACTILE			
		<b>RELAY</b>				S7005	1-572-595-11	SWITCH, TACTILE			
$\triangle$ RY6000	1-755-516-11	RELAY (AC POWER)				S7006	1-572-595-11	SWITCH, TACTILE			
		<b>TRANSFORMER</b>						<b>VARISTOR</b>			
$\triangle$ T6100	1-445-275-11	CONVERTER TRANSFORMER (PIT)				VD7000	1-803-974-21	VARISTOR, CHIP	(1608)		
$\triangle$ T6200	1-445-279-11	CONVERTER TRANSFORMER (SBT)				VD7001	1-803-974-21	VARISTOR, CHIP	(1608)		
		<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									
		<b>HW1</b>									
*	A-1226-202-B	HW1 BOARD, MOUNTED									
		<b>CAPACITOR</b>									
C7000	1-100-906-11	CERAMIC CHIP	0.01 $\mu$ F	10%	16V						
C7001	1-100-906-11	CERAMIC CHIP	0.01 $\mu$ F	10%	16V						
		<b>CONNECTOR</b>									
* CN7000	1-819-472-11	HEADER ASSEMBLY FOR PWB									
CN7001	1-821-132-11	HEADER ASSEMBLY FOR PWB									
		<b>DIODE</b>									
D7000	8-719-914-44	DIODE	DAP202K								
		<b>RESISTOR</b>									
R7000	1-218-825-11	METAL CHIP	120	0.50%	1/10W						
R7001	1-218-827-11	METAL CHIP	150	0.50%	1/10W						
R7002	1-218-833-11	METAL CHIP	270	0.50%	1/10W						
R7003	1-218-841-11	METAL CHIP	560	0.50%	1/10W						
R7004	1-218-851-11	METAL CHIP	1.5K	0.50%	1/10W						
		<b>HW2</b>									
	A-1361-955-A	HW2 BOARD, COMPLETE									
		<b>CAPACITOR</b>									
C7029	1-124-779-00	ELECT CHIP	10 $\mu$ F	20%	16V						
C7030	1-124-779-00	ELECT CHIP	10 $\mu$ F	20%	16V						
C7031	1-164-872-11	CERAMIC CHIP	82pF	5%	50V						
C7034	1-114-214-81	CERAMIC CHIP	470pF	5%	50V						
C7036	1-114-214-81	CERAMIC CHIP	470pF	5%	50V						
C7037	1-164-874-11	CERAMIC CHIP	100pF	5%	50V						
C7038	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V						
C7060	1-100-907-11	CERAMIC CHIP	0.1 $\mu$ F	10%	10V						
C7061	1-100-906-11	CERAMIC CHIP	0.01 $\mu$ F	10%	16V						
C7062	1-100-906-11	CERAMIC CHIP	0.01 $\mu$ F	10%	16V						
C7063	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V						
C7064	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V						
C7065	1-124-779-00	ELECT CHIP	10 $\mu$ F	20%	16V						
C7066	1-124-779-00	ELECT CHIP	10 $\mu$ F	20%	16V						
C7067	1-100-906-11	CERAMIC CHIP	0.01 $\mu$ F	10%	16V						
C7068	1-125-777-11	CERAMIC CHIP	0.1 $\mu$ F	10%	10V						
C7069	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V						
C7070	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V						
C7071	1-100-909-11	CERAMIC CHIP	10 $\mu$ F	10%	6.3V						
C7072	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V						
C7073	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V						
C7074	1-112-774-11	CERAMIC CHIP	470pF	10%	50V						
C7075	1-100-906-11	CERAMIC CHIP	0.01 $\mu$ F	10%	16V						

**HW2**

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
C7076	1-124-779-00	ELECT CHIP	10μF 20% 16V				
C7077	1-100-905-11	CERAMIC CHIP	0.001μF 10% 50V				
C7078	1-100-905-11	CERAMIC CHIP	0.001μF 10% 50V				
C7079	1-112-064-11	CERAMIC CHIP	2.2μF 10% 10V				
C7080	1-125-777-11	CERAMIC CHIP	0.1μF 10% 10V				
C7081	1-124-779-00	ELECT CHIP	10μF 20% 16V				
C7082	1-100-905-11	CERAMIC CHIP	0.001μF 10% 50V				
<b>CONNECTOR</b>				<b>JACK</b>			
CN7022	1-820-581-11	HEADER ASSEMBLY FOR PWB		J7020	1-821-115-11	PHONO JACK (RIGHT ANGLE)	
* CN7060	1-818-400-11	HDMI CONNECTOR		J7021	1-815-325-11	JACK	
CN7061	1-820-667-11	HEADER ASSEMBLY FOR PWB		<b>TRANSISTOR</b>			
<b>DIODE</b>				Q7062	8-729-907-00	TRANSISTOR	DTC114EU
D7021	6-501-745-01	DIODE	MAZ8075G0LS0	Q7063	8-729-907-00	TRANSISTOR	DTC114EU
D7060	6-500-701-01	DIODE	PGB1010603NR	<b>RESISTOR</b>			
D7061	6-500-701-01	DIODE	PGB1010603NR	R7023	1-216-864-11	SHORT CHIP	
D7062	6-500-701-01	DIODE	PGB1010603NR	R7025	1-216-864-11	SHORT CHIP	
D7063	8-719-081-97	DIODE	MMDL914T1	R7030	1-216-864-11	SHORT CHIP	
D7064	8-719-081-97	DIODE	MMDL914T1	R7032	1-216-813-11	METAL CHIP	220 5% 1/10W
D7065	6-500-701-01	DIODE	PGB1010603NR	R7035	1-216-813-11	METAL CHIP	220 5% 1/10W
<b>EARTH TERMINAL</b>				R7038	1-216-864-11	SHORT CHIP	
ET7020	1-780-482-11	EARTH TERMINAL		R7039	1-216-864-11	SHORT CHIP	
ET7021	1-780-482-11	EARTH TERMINAL		R7041	1-216-813-11	METAL CHIP	220 5% 1/10W
* ET7060	1-780-431-11	ON-BOARD CONTACT		R7045	1-216-864-11	SHORT CHIP	
* ET7061	1-780-431-11	ON-BOARD CONTACT		R7046	1-216-857-11	METAL CHIP	1M 5% 1/10W
* ET7062	1-780-431-11	ON-BOARD CONTACT		R7047	1-216-857-11	METAL CHIP	1M 5% 1/10W
<b>FERRITE BEAD</b>				R7049	1-216-801-11	METAL CHIP	22 5% 1/10W
FB7020	1-400-333-21	FERRITE	0μH	R7053	1-216-809-11	METAL CHIP	100 5% 1/10W
FB7021	1-400-333-21	FERRITE	0μH	R7056	1-216-809-11	METAL CHIP	100 5% 1/10W
FB7022	1-400-461-21	FERRITE	0μH	R7057	1-218-990-81	SHORT CHIP	
FB7060	1-400-382-11	FERRITE	0μH	R7060	1-218-929-11	RES-CHIP	10 5% 1/16W
FB7061	1-469-082-21	FERRITE	0μH	R7061	1-208-683-11	METAL CHIP	1K 0.50% 1/16W
<b>FILTER</b>				R7064	1-218-961-11	RES-CHIP	4.7K 5% 1/16W
* FL7062	1-813-880-11	INDUCTOR	0μH	R7065	1-218-941-81	RES-CHIP	100 5% 1/16W
* FL7063	1-813-880-11	INDUCTOR	0μH	R7066	1-218-941-81	RES-CHIP	100 5% 1/16W
* FL7064	1-813-880-11	INDUCTOR	0μH	R7067	1-218-941-81	RES-CHIP	100 5% 1/16W
* FL7065	1-813-880-11	INDUCTOR	0μH	R7068	1-218-973-11	RES-CHIP	47K 5% 1/16W
<b>IC</b>				R7069	1-218-973-11	RES-CHIP	47K 5% 1/16W
IC7060	6-704-600-01	IC	M24C02-WMN6T(B)	R7070	1-218-990-81	SHORT CHIP	
IC7061	6-708-758-01	IC	PCA9517DP.118	R7071	1-218-990-81	SHORT CHIP	
IC7062	8-753-278-35	IC	CXB1443R-T4	R7074	1-218-929-11	RES-CHIP	10 5% 1/16W
IC7063	6-702-362-01	IC	MM1563DFBE	R7075	1-218-929-11	RES-CHIP	10 5% 1/16W
				R7076	1-218-929-11	RES-CHIP	10 5% 1/16W
				R7077	1-218-929-11	RES-CHIP	10 5% 1/16W
				R7078	1-218-929-11	RES-CHIP	10 5% 1/16W
				R7079	1-218-929-11	RES-CHIP	10 5% 1/16W
				R7080	1-218-929-11	RES-CHIP	10 5% 1/16W
				R7081	1-218-929-11	RES-CHIP	10 5% 1/16W
				R7083	1-218-990-81	SHORT CHIP	
				R7087	1-208-911-11	METAL CHIP	10K 0.50% 1/16W

# HW2 HW3

## HW3

\* **A-1226-204-B HW3 BOARD, MOUNTED**

**CAPACITOR**

REF. NO.	PART NO.	DESCRIPTION	VALUES
C7155	1-126-205-11	ELECT CHIP	47µF 20% 6.3V
C7156	1-100-907-11	CERAMIC CHIP	0.1µF 10% 10V
C7157	1-100-905-11	CERAMIC CHIP	0.001µF 10% 50V
C7170	1-126-391-11	ELECT CHIP	47µF 20% 6.3V
C7171	1-100-907-11	CERAMIC CHIP	0.1µF 10% 10V
C7172	1-100-907-11	CERAMIC CHIP	0.1µF 10% 10V
C7173	1-164-882-11	CERAMIC CHIP	220pF 5% 16V
C7174	1-100-907-11	CERAMIC CHIP	0.1µF 10% 10V
C7179	1-100-905-11	CERAMIC CHIP	0.001µF 10% 50V
C7180	1-124-778-00	ELECT CHIP	22µF 20% 6.3V

**CONNECTOR**

REF. NO.	PART NO.	DESCRIPTION	VALUES
* CN7150	1-819-472-11	HEADER ASSEMBLY FOR PWB	
CN7152	1-821-138-11	HEADER ASSEMBLY FOR PWB	

**DIODE**

REF. NO.	PART NO.	DESCRIPTION	VALUES
D7150	6-500-817-01	DIODE (LED)	SML-512UWT86
D7151	8-719-085-26	DIODE	CL-165HR/SYG-D-T
D7152	8-719-085-26	DIODE	CL-165HR/SYG-D-T
D7153	8-719-422-91	DIODE	MA8091
D7154	8-719-422-91	DIODE	MA8091
D7155	8-719-422-91	DIODE	MA8091
D7156	8-719-422-91	DIODE	MA8091
D7157	8-719-422-91	DIODE	MA8091
D7158	8-719-422-91	DIODE	MA8091
D7170	6-500-028-01	DIODE	MM3Z9V1ST1

**IC**

REF. NO.	PART NO.	DESCRIPTION	VALUES
IC7170	6-600-502-01	HIC	GP1UE26RK0VF
IC7171	6-600-447-01	IC	TPS853(SONY)

**TRANSISTOR**

REF. NO.	PART NO.	DESCRIPTION	VALUES
Q7150	8-729-028-91	TRANSISTOR	DTA144EUA-T106
Q7151	8-729-029-14	TRANSISTOR	DTC144EUA-T106
Q7152	8-729-907-00	TRANSISTOR	DTC114EU
Q7153	8-729-028-73	TRANSISTOR	DTA114EUA-T106
Q7154	8-729-028-73	TRANSISTOR	DTA114EUA-T106
Q7155	8-729-907-00	TRANSISTOR	DTC114EU
Q7156	8-729-907-00	TRANSISTOR	DTC114EU
Q7157	8-729-028-73	TRANSISTOR	DTA114EUA-T106

REF. NO.	PART NO.	DESCRIPTION	VALUES
R7089	1-218-990-81	SHORT CHIP	
R7090	1-218-990-81	SHORT CHIP	
R7091	1-208-911-11	METAL CHIP	10K 0.50% 1/16W
R7093	1-218-937-11	RES-CHIP	47 5% 1/16W
R7094	1-208-699-11	METAL CHIP	4.7K 0.50% 1/16W
R7097	1-216-864-11	SHORT CHIP	
R7098	1-218-990-81	SHORT CHIP	
R7099	1-218-990-81	SHORT CHIP	
R7100	1-218-990-81	SHORT CHIP	
R7101	1-218-990-81	SHORT CHIP	
R7102	1-218-937-11	RES-CHIP	47 5% 1/16W
R7103	1-218-937-11	RES-CHIP	47 5% 1/16W
R7104	1-218-937-11	RES-CHIP	47 5% 1/16W
R7105	1-218-990-81	SHORT CHIP	
R7106	1-218-990-81	SHORT CHIP	
R7107	1-218-990-81	SHORT CHIP	
R7109	1-218-965-11	RES-CHIP	10K 5% 1/16W
R7110	1-218-990-81	SHORT CHIP	
R7112	1-208-911-11	METAL CHIP	10K 0.50% 1/16W
R7114	1-218-990-81	SHORT CHIP	
R7115	1-218-965-11	RES-CHIP	10K 5% 1/16W
R7117	1-218-990-81	SHORT CHIP	
R7150	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
R7151	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
<b><u>VARISTOR</u></b>			
VD7020	1-803-974-21	VARISTOR, CHIP	(1608)
VD7021	1-803-974-21	VARISTOR, CHIP	(1608)
VD7022	1-803-974-21	VARISTOR, CHIP	(1608)
VD7025	1-803-974-21	VARISTOR, CHIP	(1608)
VD7026	1-803-974-21	VARISTOR, CHIP	(1608)
VD7060	1-802-245-11	ESD SUPPRESSOR	
VD7061	1-802-245-11	ESD SUPPRESSOR	
VD7062	1-802-245-11	ESD SUPPRESSOR	
VD7063	1-802-245-11	ESD SUPPRESSOR	
VD7064	1-802-245-11	ESDSUPPRESSOR	
VD7065	1-802-245-11	ESD SUPPRESSOR	
VD7066	1-802-245-11	ESD SUPPRESSOR	
VD7067	1-802-245-11	ESD SUPPRESSOR	

# HW3 TUU2

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
Q7158	8-729-028-73	TRANSISTOR	DTA114EUA-T106			C1010	1-112-794-11	ELECT CHIP	470μF	20%	16V
Q7159	8-729-907-00	TRANSISTOR	DTC114EU			C1012	1-135-366-11	ELECT CHIP	100μF	20%	16V
Q7170	6-550-586-01	TRANSISTOR	2PA1576R-115			C1019	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
Q7171	8-729-907-00	TRANSISTOR	DTC114EU			C1020	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
Q7172	6-550-586-01	TRANSISTOR	2PA1576R-115			C1021	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
<b>RESISTOR</b>						C1022	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
R7150	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	C1023	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
R7153	1-216-819-11	METAL CHIP	680	5%	1/10W	C1024	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
R7154	1-216-815-11	METAL CHIP	330	5%	1/10W	C1025	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
R7155	1-216-864-11	SHORT CHIP				C1026	1-114-148-11	CERAMIC CHIP	1μF		6.3V
R7158	1-216-819-11	METAL CHIP	680	5%	1/10W	C1027	1-114-148-11	CERAMIC CHIP	1μF		6.3V
R7159	1-216-815-11	METAL CHIP	330	5%	1/10W	C1028	1-114-148-11	CERAMIC CHIP	1μF		6.3V
R7160	1-216-864-11	SHORT CHIP				C1029	1-114-148-11	CERAMIC CHIP	1μF		6.3V
R7162	1-218-990-81	SHORT CHIP				C1030	1-114-148-11	CERAMIC CHIP	1μF		6.3V
R7163	1-218-990-81	SHORT CHIP				C1031	1-114-148-11	CERAMIC CHIP	1μF		6.3V
R7164	1-218-990-81	SHORT CHIP				C1032	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
R7165	1-218-990-81	SHORT CHIP				C1033	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
R7166	1-218-990-81	SHORT CHIP				C1034	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
R7170	1-216-864-11	SHORT CHIP				C1035	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
R7171	1-216-817-11	METAL CHIP	470	5%	1/10W	C1036	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
R7172	1-216-864-11	SHORT CHIP				C1037	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
R7173	1-216-833-11	METAL CHIP	10K	5%	1/10W	C1038	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
R7175	1-216-823-11	METAL CHIP	1.5K	5%	1/10W	C1039	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
R7176	1-216-805-11	METAL CHIP	47	5%	1/10W	C1040	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
R7178	1-216-864-11	SHORT CHIP				C1041	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
R7179	1-216-844-11	METAL CHIP	82K	5%	1/10W	C1042	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
R7180	1-216-833-11	METAL CHIP	10K	5%	1/10W	C1043	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
R7181	1-216-839-11	METAL CHIP	33K	5%	1/10W	C1044	1-114-148-11	CERAMIC CHIP	1μF		6.3V
R7183	1-216-821-11	METAL CHIP	1K	5%	1/10W	C1045	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
R7184	1-216-864-11	SHORT CHIP				C1046	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
<b>TUU2</b>						C1047	1-114-148-11	CERAMIC CHIP	1μF		6.3V
* A-1269-502-A TUU2 BOARD, MOUNTED						C1048	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
<b>CAPACITOR</b>						C1049	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C1000	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C1050	1-114-148-11	CERAMIC CHIP	1μF		6.3V
C1001	1-114-148-11	CERAMIC CHIP	1μF		6.3V	C1051	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C1002	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C1052	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C1003	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C1053	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C1004	1-128-361-11	ELECT CHIP	470μF	20%	10V	C1054	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C1005	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C1055	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C1006	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C1056	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C1007	1-110-648-11	ELECT CHIP	220μF	20%	25V	C1057	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C1008	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C1058	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C1009	1-164-941-11	CERAMIC CHIP	0.0047μF	10%	16V	C1059	1-164-864-11	CERAMIC CHIP	39pF	5%	50V
						C1060	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
						C1061	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V





REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C1062	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C1110	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C1063	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C1113	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C1064	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C1114	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
C1065	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C1115	1-112-775-11	CERAMIC CHIP	0.0022μF	10%	50V
C1066	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C1116	1-112-776-11	CERAMIC CHIP	0.0047μF	10%	50V
C1067	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C1118	1-128-361-11	ELECT CHIP	470μF	20%	10V
C1068	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C1119	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C1069	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C1120	1-114-332-11	CERAMIC CHIP	22μF	10%	6.3V
C1070	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C1121	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C1071	1-164-868-11	CERAMIC CHIP	56pF	5%	50V	C1123	1-114-183-11	ELECT CHIP	1000μF	20%	6.3V
C1072	1-164-858-11	CERAMIC CHIP	22pF	5%	50V	C1124	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C1073	1-164-868-11	CERAMIC CHIP	56pF	5%	50V	C1125	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C1074	1-164-858-11	CERAMIC CHIP	22pF	5%	50V	C1126	1-126-396-11	ELECT CHIP	47μF	20%	16V
C1075	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C1127	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V
C1076	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C1128	1-112-778-11	CERAMIC CHIP	0.022μF	10%	25V
C1077	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C1130	1-164-866-11	CERAMIC CHIP	47pF	5%	50V
C1078	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C1131	1-164-866-11	CERAMIC CHIP	47pF	5%	50V
C1079	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C1133	1-164-862-11	CERAMIC CHIP	33pF	5%	50V
C1080	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C1134	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C1081	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C1135	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C1082	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C1136	1-126-204-11	ELECT CHIP	47μF	20%	16V
C1083	1-164-864-11	CERAMIC CHIP	39pF	5%	50V	C1137	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C1084	1-164-858-11	CERAMIC CHIP	22pF	5%	50V	C1139	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V
C1085	1-164-858-11	CERAMIC CHIP	22pF	5%	50V	C1141	1-137-765-21	ELECT CHIP	47μF	20%	16V
C1086	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C1142	1-117-681-11	ELECT CHIP	100μF	20%	16V
C1087	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C1143	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
C1088	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C1144	1-165-492-21	ELECT CHIP	100μF	20%	10V
C1089	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C1145	1-165-492-21	ELECT CHIP	100μF	20%	10V
C1091	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C1147	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C1092	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C1149	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C1093	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C1151	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C1094	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C1152	1-114-325-11	CERAMIC CHIP	0.1μF	10%	25V
C1095	1-128-993-21	ELECT CHIP	22μF	20%	10V	C1153	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V
C1096	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C1154	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V
C1097	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C1155	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C1099	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V	C1156	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V
C1100	1-112-067-11	CERAMIC CHIP	0.22μF	10%	16V	C1159	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C1102	1-164-862-11	CERAMIC CHIP	33pF	5%	50V	C1200	1-100-912-11	CERAMIC CHIP	1μF	10%	25V
C1103	1-164-862-11	CERAMIC CHIP	33pF	5%	50V	C1201	1-128-536-11	ELECT CHIP	100μF	20%	25V
C1104	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V	C1202	1-110-501-11	CERAMIC CHIP	0.33μF	10%	16V
C1105	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V	C1203	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C1106	1-164-858-11	CERAMIC CHIP	22pF	5%	50V	C1204	1-126-392-11	ELECT CHIP	100μF	20%	6.3V
C1107	1-164-858-11	CERAMIC CHIP	22pF	5%	50V	C1205	1-127-573-11	CERAMIC CHIP	1μF	10%	16V
C1108	1-128-536-11	ELECT CHIP	100μF	20%	25V	C1206	1-127-573-11	CERAMIC CHIP	1μF	10%	16V
C1109	1-128-993-21	ELECT CHIP	22μF	20%	10V	C1207	1-110-501-11	CERAMIC CHIP	0.33μF	10%	16V






REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
Q1200	8-729-046-04	TRANSISTOR	FDS6690A			R1070	1-208-929-81	METAL CHIP	56K	0.50%	1/16W
Q1201	6-551-272-01	TRANSISTOR	RT3CLLM			R1072	1-218-949-11	RES-CHIP	470	5%	1/16W
Q1300	6-551-272-01	TRANSISTOR	RT3CLLM			R1073	1-208-939-11	METAL CHIP	150K	0.50%	1/16W
<b>RESISTOR</b>											
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
R1046	1-218-941-81	RES-CHIP	100	5%	1/16W	R1116	1-218-990-81	SHORT CHIP			
R1047	1-218-941-81	RES-CHIP	100	5%	1/16W	R1128	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1048	1-218-929-11	RES-CHIP	10	5%	1/16W	R1129	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R1050	1-218-953-11	RES-CHIP	1K	5%	1/16W	R1130	1-218-929-11	RES-CHIP	10	5%	1/16W
R1053	1-218-990-81	SHORT CHIP				R1131	1-218-990-81	SHORT CHIP			
R1054	1-218-990-81	SHORT CHIP				R1132	1-218-990-81	SHORT CHIP			
R1055	1-218-929-11	RES-CHIP	10	5%	1/16W	R1133	1-218-990-81	SHORT CHIP			
R1058	1-218-929-11	RES-CHIP	10	5%	1/16W	R1134	1-218-969-11	RES-CHIP	22K	5%	1/16W
R1059	1-218-990-81	SHORT CHIP				R1136	1-218-985-11	RES-CHIP	470K	5%	1/16W
R1060	1-218-929-11	RES-CHIP	10	5%	1/16W	R1137	1-208-931-11	METAL CHIP	68K	0.50%	1/16W
R1061	1-218-990-81	SHORT CHIP				R1138	1-218-990-81	SHORT CHIP			
R1064	1-218-990-81	SHORT CHIP				R1139	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W
R1065	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R1140	1-218-933-11	RES-CHIP	22	5%	1/16W
R1066	1-218-970-11	RES-CHIP	27K	5%	1/16W	R1141	1-218-933-11	RES-CHIP	22	5%	1/16W
R1067	1-218-941-81	RES-CHIP	100	5%	1/16W	R1142	1-218-933-11	RES-CHIP	22	5%	1/16W
						R1143	1-218-933-11	RES-CHIP	22	5%	1/16W

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

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

# TUU2

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES
R1148	1-218-929-11	RES-CHIP	10	5%	1/16W	<b>ACCESSORIES AND PACKING</b>			
R1149	1-218-929-11	RES-CHIP	10	5%	1/16W		1-832-937-11	AC POWER-SUPPLY CORD SET	
R1156	1-218-965-11	RES-CHIP	10K	5%	1/16W		X-2186-601-1	BAG ASSY, RUDDER LOCK (Contains the 3 items below)	
R1159	1-218-965-11	RES-CHIP	10K	5%	1/16W	*	X-2186-603-1	LOCK ASSY, RUDDER (Contains the belt)	
R1160	1-218-990-81	SHORT CHIP					2-580-663-01	SCREW, WOOD 3.8X20	
R1161	1-208-927-11	METAL CHIP	47K	0.50%	1/16W		2-593-320-02	SCREW, CION (M6X18)	
R1162	1-218-990-81	SHORT CHIP				*	2-678-266-01	BAG, PROTECTION (KDL-46W3000 ONLY)	
R1163	1-208-927-11	METAL CHIP	47K	0.50%	1/16W	*	2-678-265-01	BAG, PROTECTION KDL-40W3000 ONLY)	
R1165	1-218-953-11	RES-CHIP	1K	5%	1/16W	*	3-217-306-01	CARTON, INDIVIDUAL (KDL-40W3000 ONLY)	
R1167	1-208-905-11	METAL CHIP	5.6K	0.50%	1/16W	*	3-211-516-01	CARTON, INDIVIDUAL (KDL-46W3000 ONLY)	
R1169	1-218-990-81	SHORT CHIP				*	3-217-310-01	CUSHION (LOWER) (KDL-40W3000 ONLY)	
R1175	1-218-990-81	SHORT CHIP				*	3-211-520-01	CUSHION, LOWER (KDL-46W3000 ONLY)	
R1200	1-218-953-11	RES-CHIP	1K	5%	1/16W	*	3-217-309-01	CUSHION (UPPER) (KDL-40W3000 ONLY)	
R1201	1-218-947-11	RES-CHIP	330	5%	1/16W	*	3-211-519-01	CUSHION, UPPER (KDL-46W3000 ONLY)	
R1202	1-218-965-11	RES-CHIP	10K	5%	1/16W		3-212-601-11	GUIDE, QUICK SET UP (English Version)	
R1203	1-218-941-81	RES-CHIP	100	5%	1/16W		3-212-601-21	GUIDE, QUICK SET UP (French Version)	
R1205	1-218-961-11	RES-CHIP	4.7K	5%	1/16W		3-212-601-31	GUIDE, QUICK SET UP (Spanish Version)	
R1207	1-218-961-11	RES-CHIP	4.7K	5%	1/16W		3-212-598-11	MANUAL, INSTRUCTION (English Version)	
R1208	1-218-953-11	RES-CHIP	1K	5%	1/16W		3-212-598-21	MANUAL, INSTRUCTION (French Version)	
R1209	1-218-961-11	RES-CHIP	4.7K	5%	1/16W		3-212-598-31	MANUAL, INSTRUCTION (Spanish Version)	
R1211	1-208-927-11	METAL CHIP	47K	0.50%	1/16W	*	3-217-308-01	TRAY, TOP (KDL-40W3000 ONLY)	
R1300	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	*	3-211-518-01	TRAY, TOP (KDL-46W3000 ONLY)	
R1301	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	*	3-217-307-01	TRAY (KDL-40W3000 ONLY)	
R1302	1-218-958-11	RES-CHIP	2.7K	5%	1/16W	*	3-211-517-01	TRAY (KDL-46W3000 ONLY)	
R1303	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	*	3-197-114-01	TRAY	
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				
<b>CRYSTAL</b>									
X1000	1-813-946-21	VIBRATOR, CRYSTAL							






REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
	<u>MISCELLANEOUS</u>				<u>REMOTE COMMANDER</u>		
	2-595-155-02	CLAMP			1-480-301-11	REMOTE COMMANDER (RM-YD017)	
*	4-092-814-02	CUSHION D					
	3-270-545-01	TAPE, LVDS					
*	3-269-273-01	SPACER, BUTTON					
	2-580-599-01	SCREW, +PSW M4X6					
	2-580-630-01	SCREW, +BVST 4X8					

## 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).*