

## HISTORY INFORMATION FOR THE FOLLOWING MANUAL:

# SERVICE MANUAL

# FIX CHASSIS

<u>MODEL NAME</u>	<u>REMOTE COMMANDER</u>	<u>DESTINATION</u>
<b>KDL-40XBR2</b>	RM-YD010	US/CANADA
<b>KDL-46XBR2</b>	RM-YD010	US/CANADA

**ORIGINAL MANUAL ISSUE DATE: 7/2006**

 :UPDATED ITEM

<u>REVISION DATE</u>	<u>SUBJECT</u>
7/2006	No revisions or updates are applicable at this time.
8/2006	Updated HDMI specification to include 1080p. Replaced page 4 with page 4. Added screw symbol information to 1-1. Rear Cabinet Removal. Replaced page 12 with page 12. Identified AC Inlet as critical component. Replaced page 107 with page 107. Added part numbers for individual D2 and D3 boards. Replaced page 108 with page 108. Updated line art drawing to show separate bezel assembly. Replaced page 110 with page 110. Replaced D2/D3 electrical parts list with D2 and D3 electrical part lists. Replaced pages 155-162 with pages 155-162 Identified AC Power Cord as critical component. Added part numbers for Colored Bezels. Replaced page 170 with page 170 & 171.
10/2006	Updated Table of Contents. Replaced page 3 Added PN for 2nd LVDS Connector and screw. Replaced page 107. Updated Encryption Key notes. Replaced pages 50, 62-74, 108, 111, 128, 170 & 171. Added Support Belt description to Lock Assy, Rudder. Added APPENDIX A: ENCRYPTION KEY COMPONENTS to service manual. Added Page A-1

**LCD DIGITAL COLOR TELEVISION**

**SONY®**

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KDL-40XBR2



RM-YD010

LCD DIGITAL COLOR TELEVISION

# SONY®



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## SPECIFICATIONS

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

### Power Consumption (W)

**In Use (Max)** 227W (KDL-40XBR2 Only)  
277W (KDL-46XBR2 Only)

**In Standby** Less than 0.1W

### VIDEO (IN) 1/2/4:

#### 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

### HD/DVD IN 5/6:

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

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

#### AUDIO

500 mVrms (100% modulation)  
Impedance: 47 kilohms

### HDMI IN 3/7/8:

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

### 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):

#### PC IN:

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

### PC AUDIO INPUT:

Stereo mini jack, 500 mVrms (100% modulation),  
Impedance: 47 kilohms

### HEADPHONES:

Stereo mini jack  
Impedance: 16 ohms

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

	KDL-40XBR2	KDL-46XBR2
<b>Speakers Output</b>	11W+11W	
<b>Dimensions (W x H)</b>	1 <sup>5/8</sup> x 4 inches 40 x 100 mm	2 x 4 <sup>1/4</sup> inches 50 x 105 mm
<b>Tweeter 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) with stand</b>	43 <sup>3/4</sup> x 28 <sup>1/4</sup> x 12 <sup>3/4</sup> inches 1111 x 717 x 322mm	49 <sup>3/4</sup> x 31 <sup>3/8</sup> x 12 <sup>3/4</sup> inches 1262 x 795 x 322 mm
<b>Dimensions (W x H x D) without stand</b>	43 <sup>3/4</sup> x 25 <sup>7/8</sup> x 4 <sup>7/8</sup> inches 1111 x 657 x 121 mm	49 <sup>3/4</sup> x 29 x 4 <sup>7/8</sup> inches 1262 x 734 x 121 mm
<b>Mass with stand</b>	77 lbs. 3 oz. 35.0 kg	90 lbs. 7 oz. 41.0 kg
<b>without stand</b>	66 lbs. 3 oz. 30.0 kg	79 lbs. 6 oz. 36.0 kg

**Television system**

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-40XBR2 - 40 inches  
 KDL-46XBR2 - 46 inches

**Supplied Accessories**

Remote Commander RM-YD010  
 Two Size AA (R6) Batteries  
 75-ohm coaxial cable  
 AC Power Cord  
 HD15-HD15 Cable  
 Support Belt, Securing Screw, and Wood Screw  
 Cable Holder  
 Operating Instructions  
 Quick Setup Guide  
 Warranty Card

**Optional Accessories**

Headphones Plug Adaptor  
 Connecting Cables  
 Wall-Mount Bracket  
 SU-WL51

## 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.

### 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.


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### 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.

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

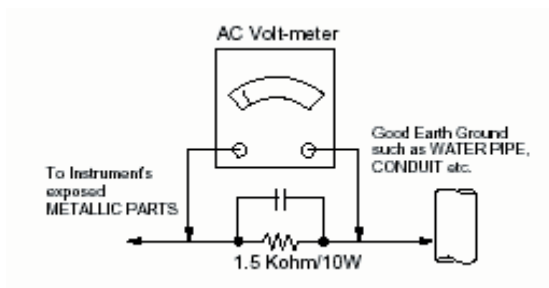
When repairing the LCD panel, be sure you are grounded by using a wrist band.

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:

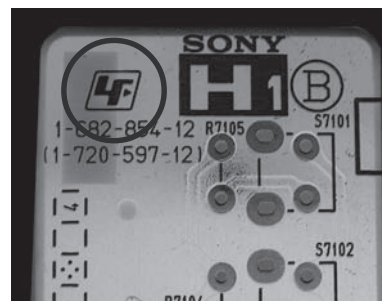
- do not press on the panel or frame edge to avoid the risk of electric shock.
- do not scratch or press on the panel with any sharp objects.
- do not leave the module in high temperatures or in areas of high humidity for an extended period of time.
- do not expose the LCD panel to direct sunlight.
-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

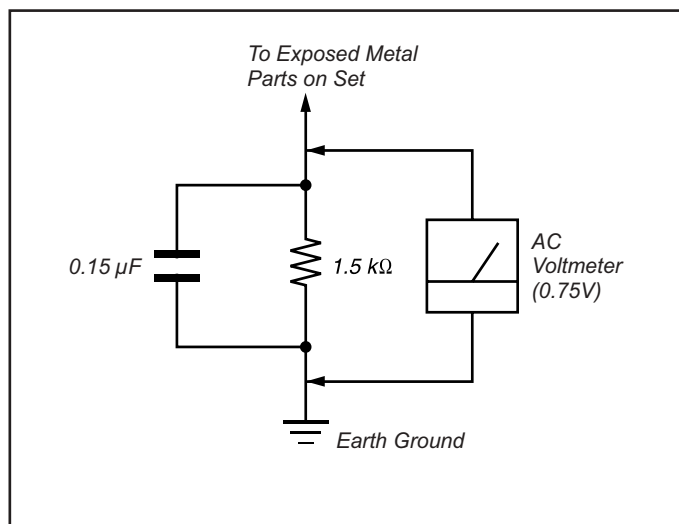


Figure A. Using an AC voltmeter to check AC leakage.

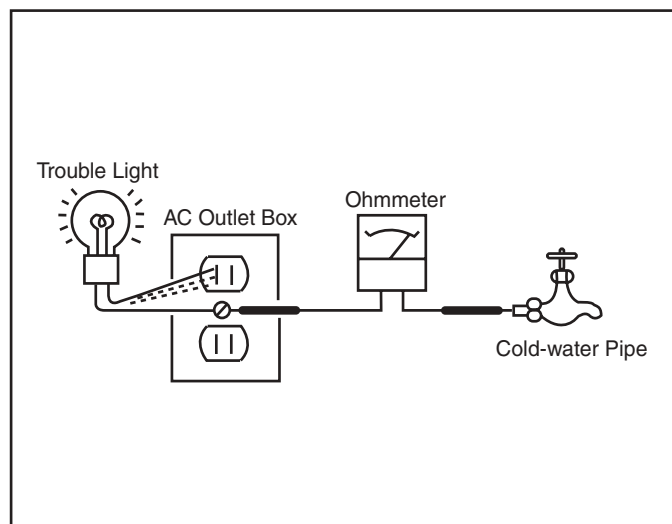
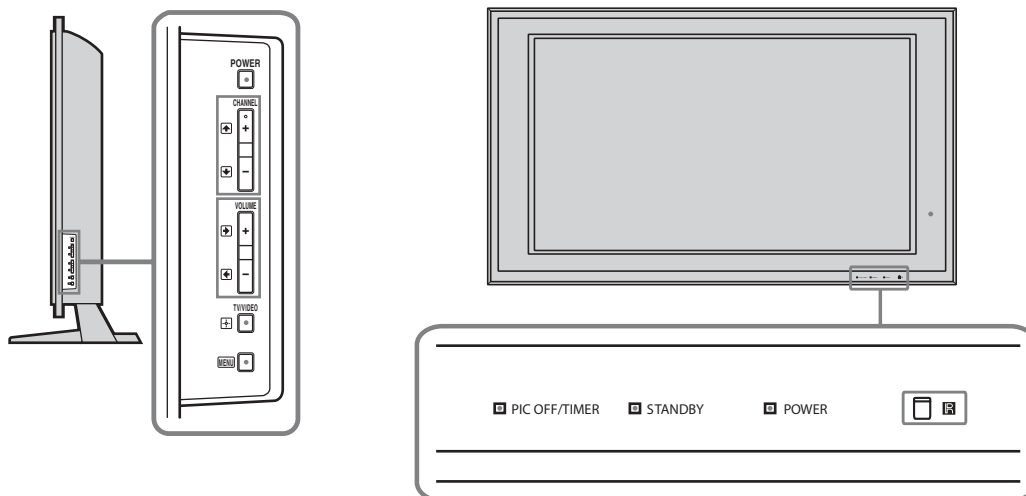


Figure B. Checking for earth ground.

## 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. * Functions as failure indicator
PIC OFF/TIMER LED	Green LED	* Lights up 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 POWER LED will automatically begin to flash. The number of times the LED flashes translates to a probable source of the problem. A definition of the POWER LED flash indicators is listed in the instruction manual for the user's knowledge and reference. If an error symptom is difficult to reproduced use the Remote Commander to display the record that is stored at the internal NVM to specify the cause of the failure.

**Diagnostic Test Indicators**

When an error occurs, the POWER LED will flash 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 "0".

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



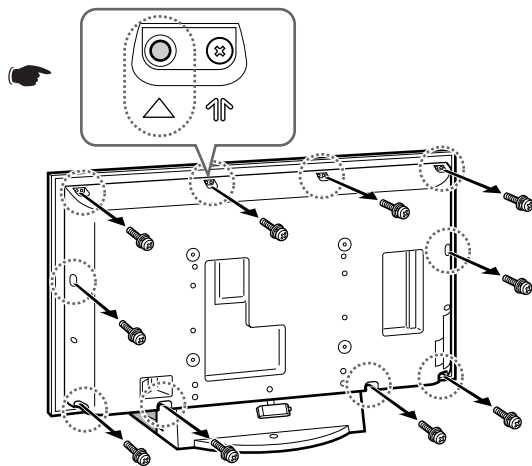
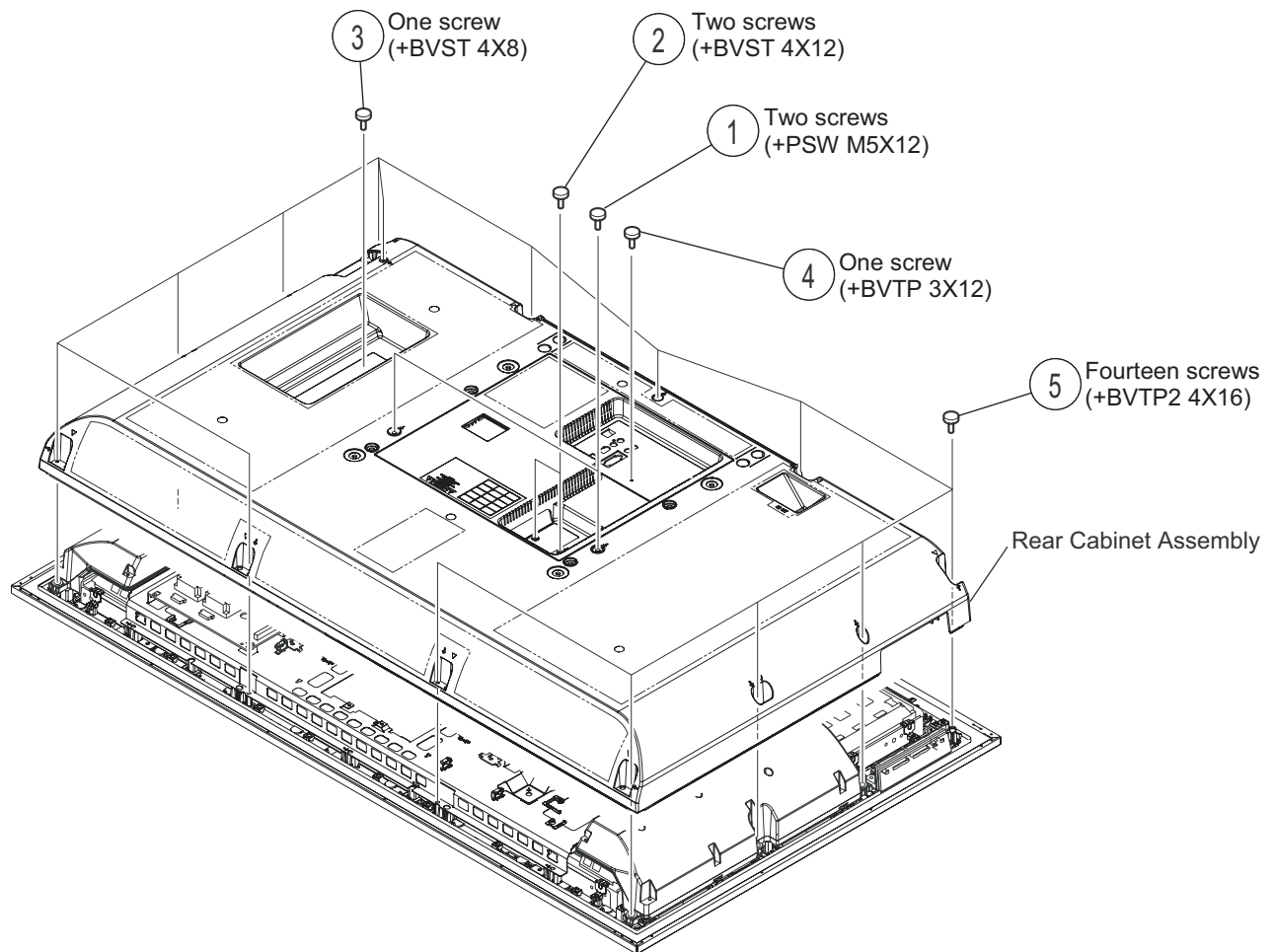
The Self Check list displays.

↑ This differs from accessing Service Adjustments.

LED	Display	Contents	
002 :	TEMP	Panel Temp Error	000
003 :	P_OVP	Power_OVP	000
004 :	FAN	FAN Error	000
006 :	POWER	Power_Error	000 — 0 indicates no error was detected
007 :	AUDIO	Audio Protector	001 — 1 indicates an error was detected
009 :	PANEL	Panel Error	000
101 :	DTT_WDT		000 (Watch Dog Timers
102 :	TVM_WDT		000 are used to track
103 :	WEM_WDT	WDT- Watch Dog Timers	000 micro processors,
104 :	DEM_WDT		000 not to record errors.)

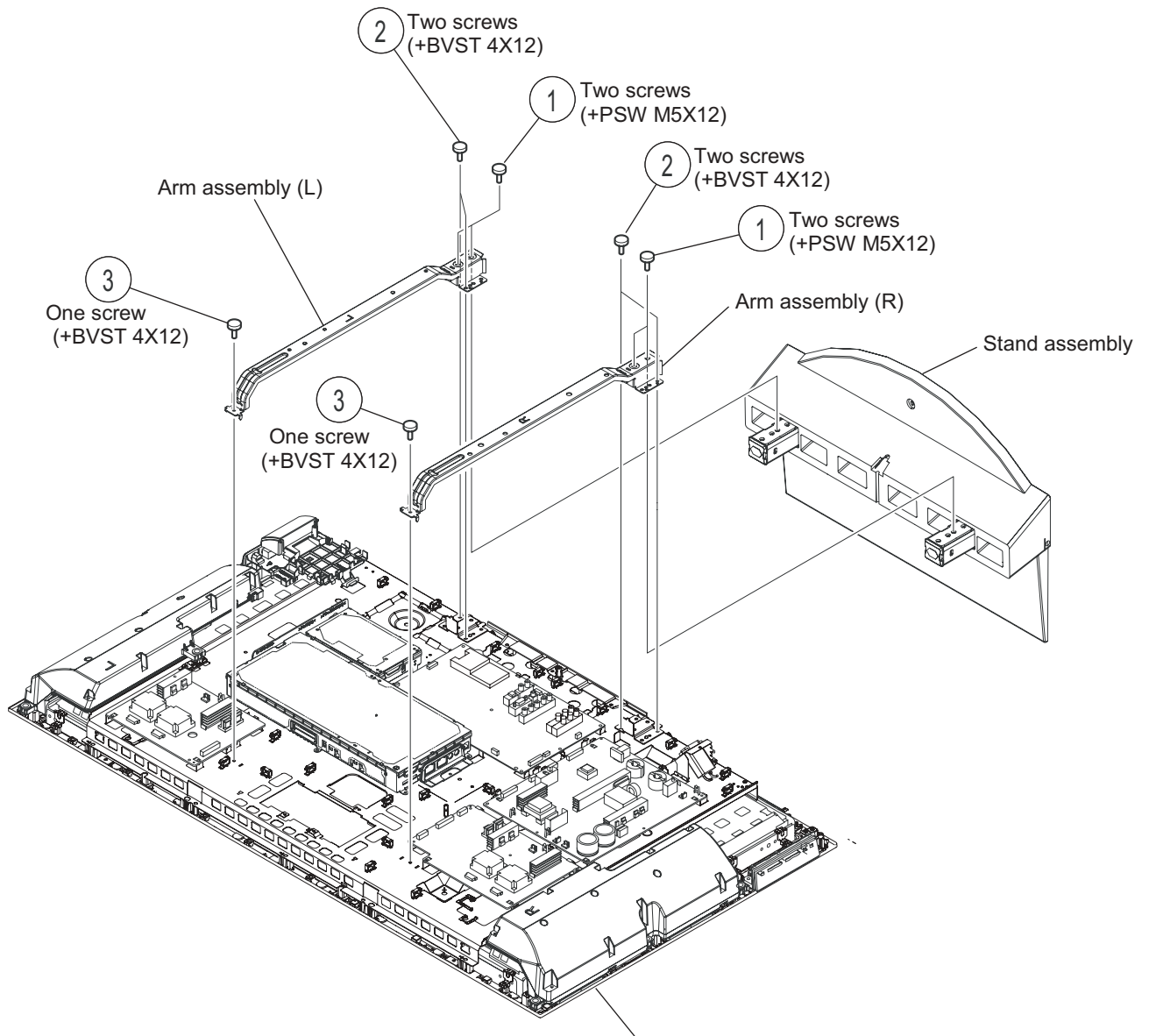
## SECTION 1: DISASSEMBLY

### 1-1. REAR CABINET REMOVAL



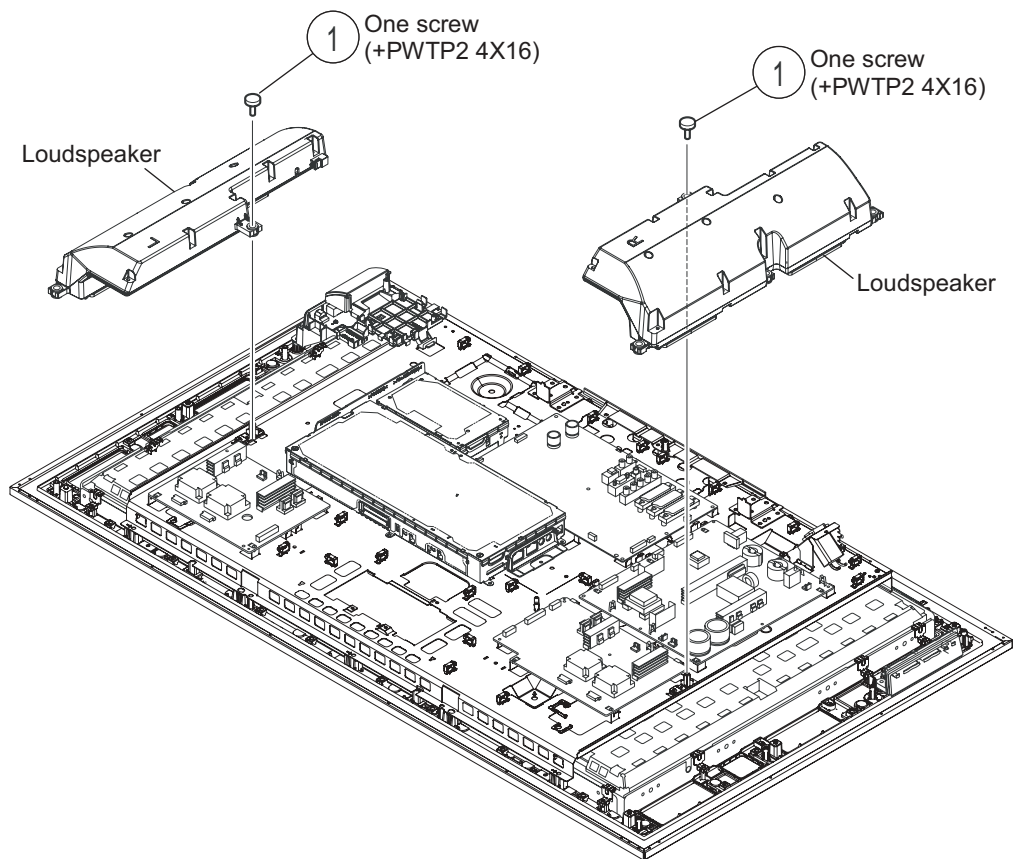
NOTE: The Rear Cabinet Assembly has 2 screw hole indicators. The ⇓ symbol indicates a screw that secures the Rear Cabinet Assembly. The △ symbol indicates a screw that secures the color Bezel to the Bezel Assembly.

## 1-2. STAND ASSEMBLY REMOVAL

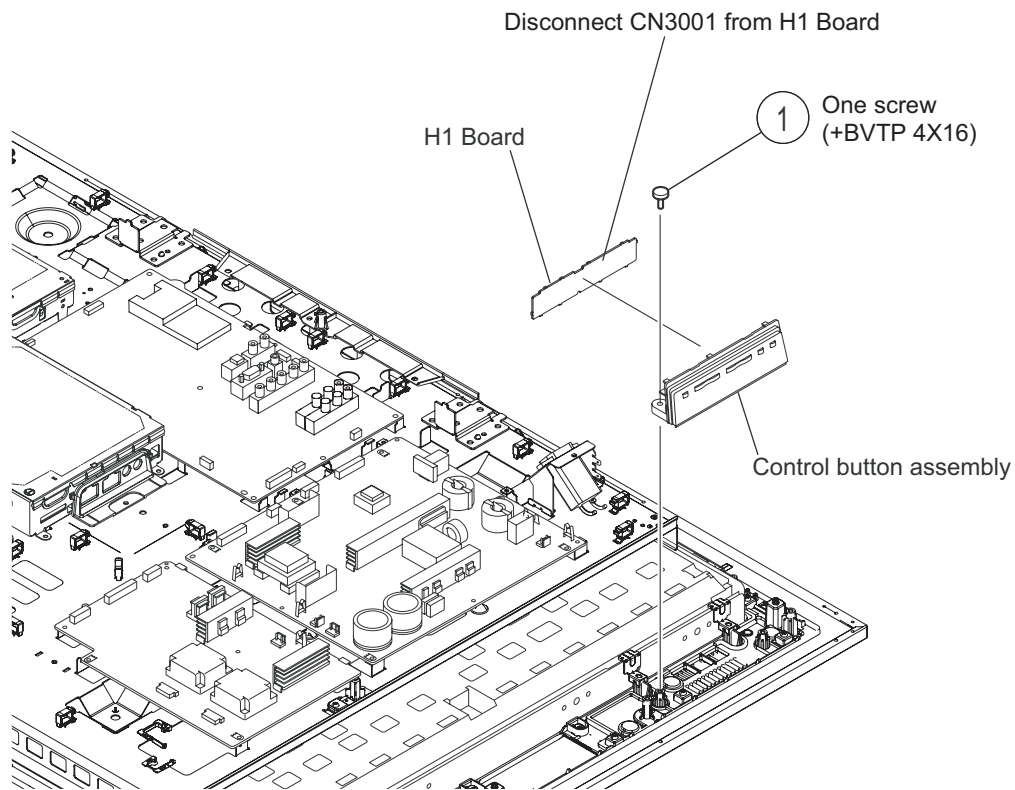


Critical: Must be laying flat before removing brackets.

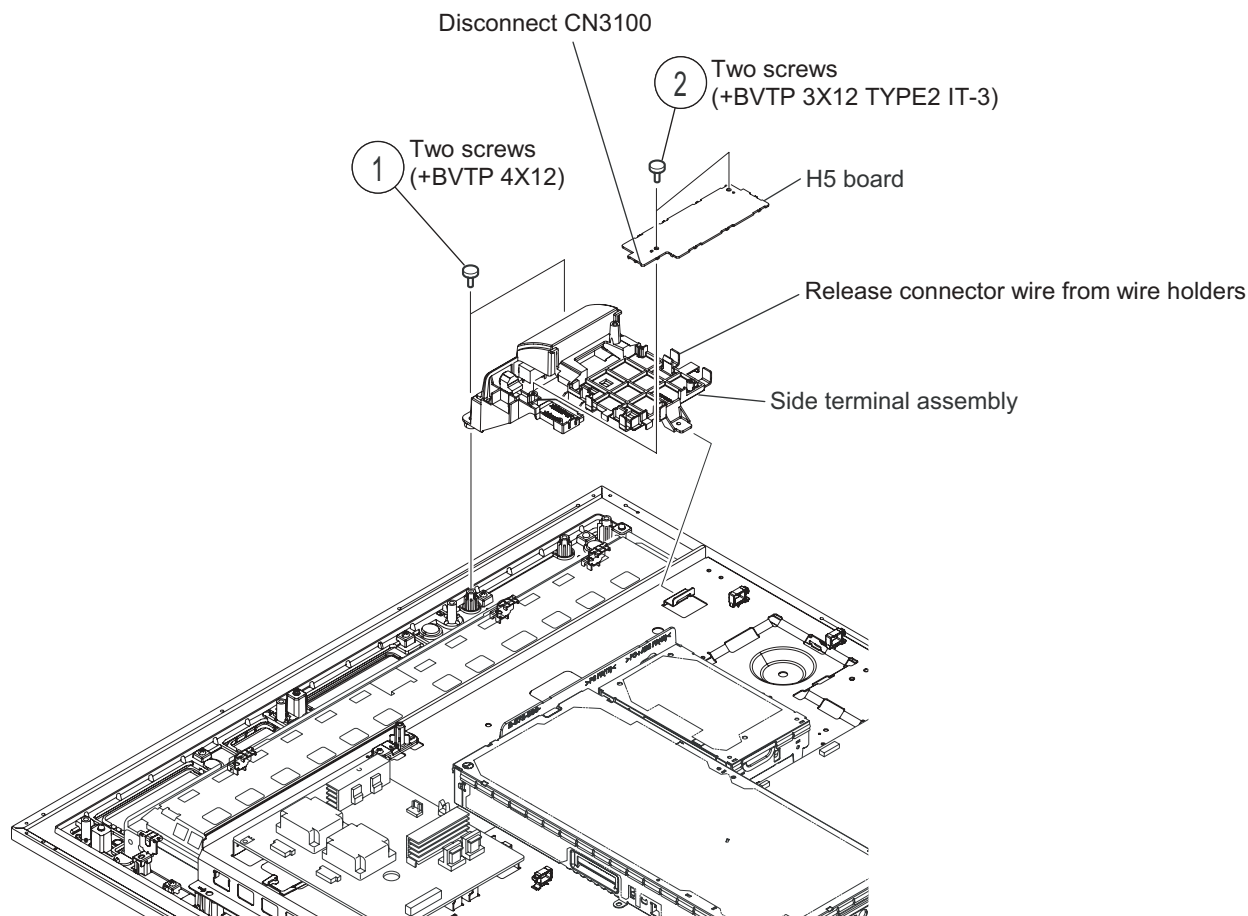
### 1-3. SPEAKER REMOVAL



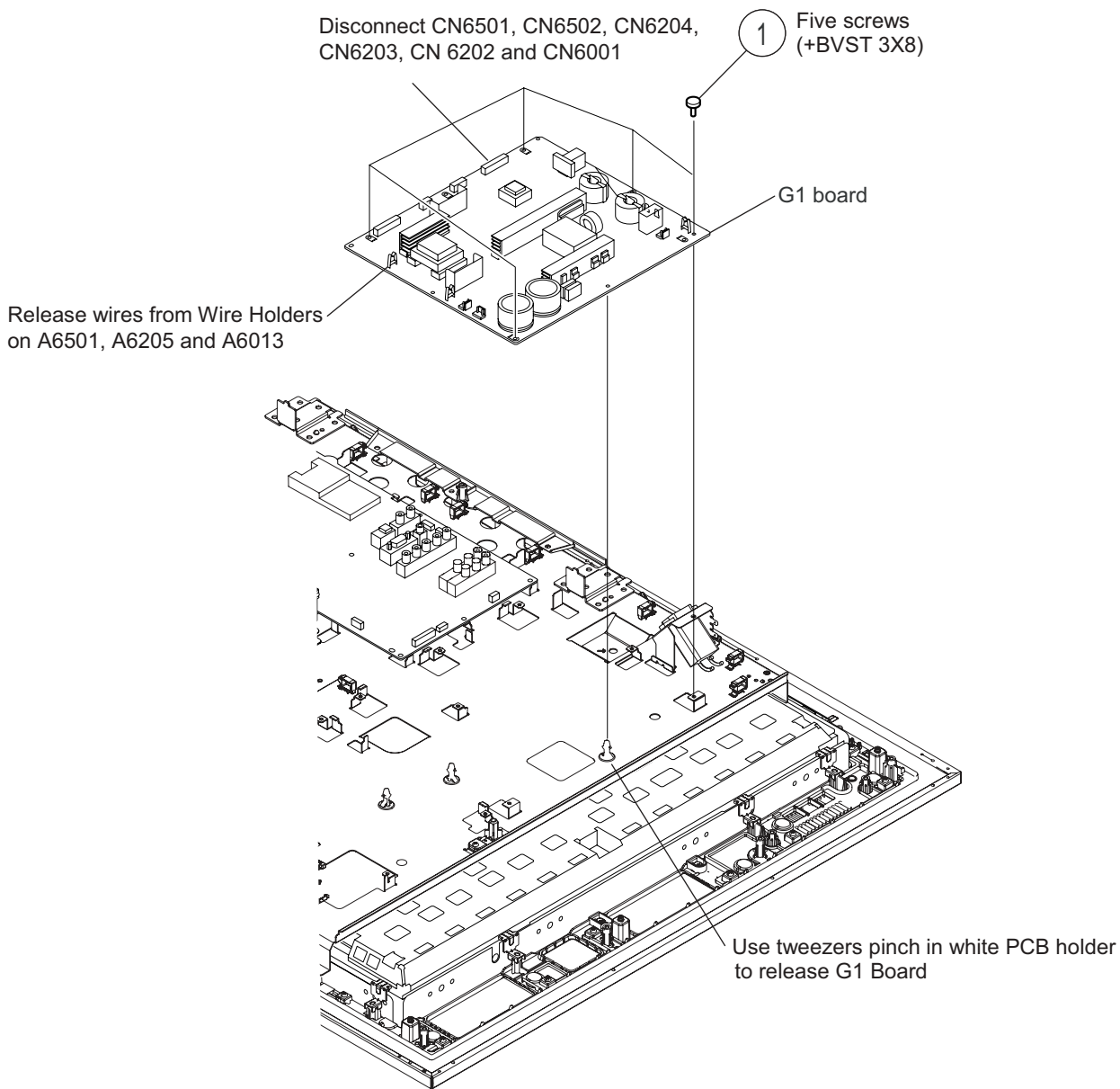
### 1-4. H1 BOARD REMOVAL



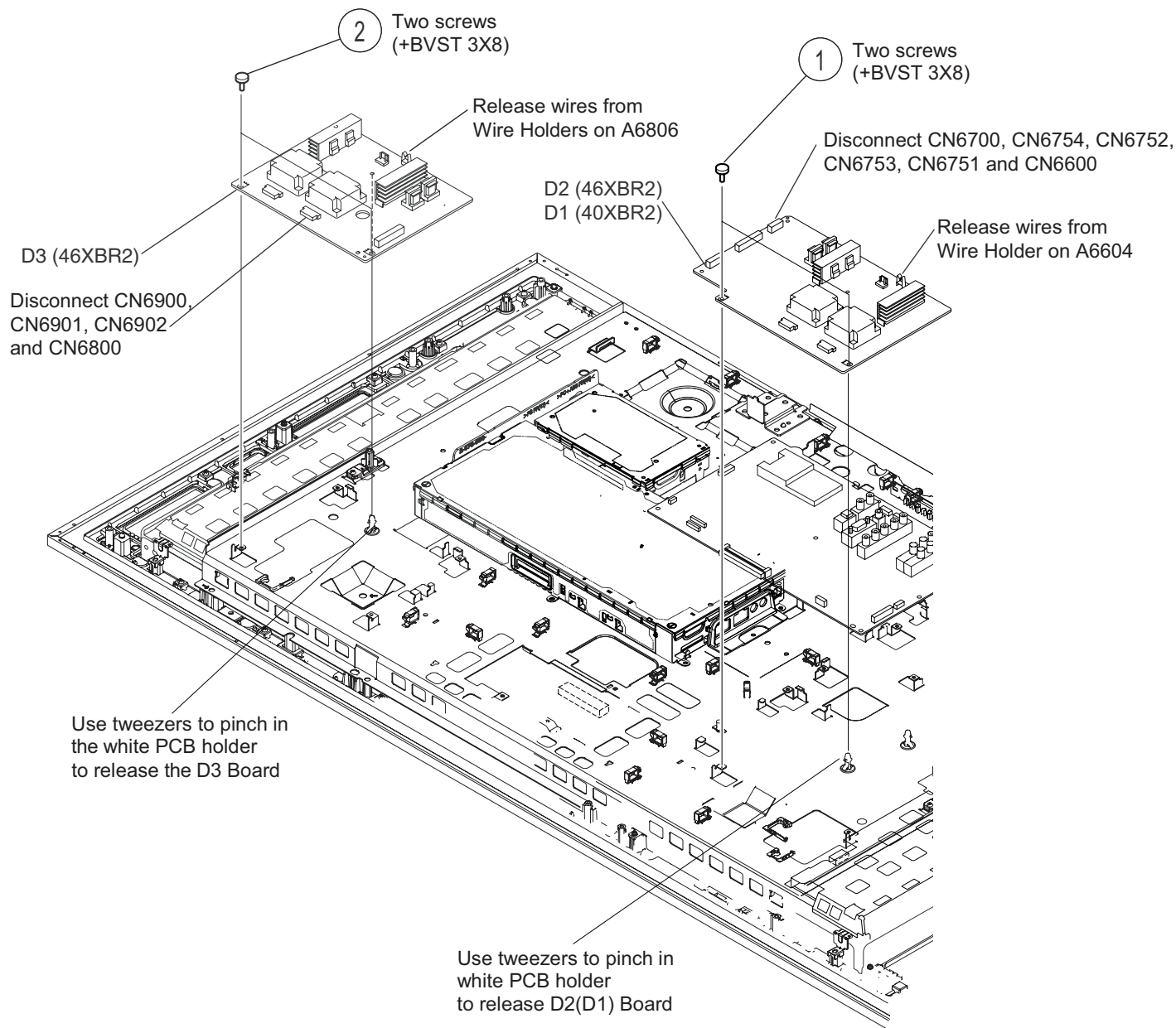
### 1-5. H5 BOARD REMOVAL



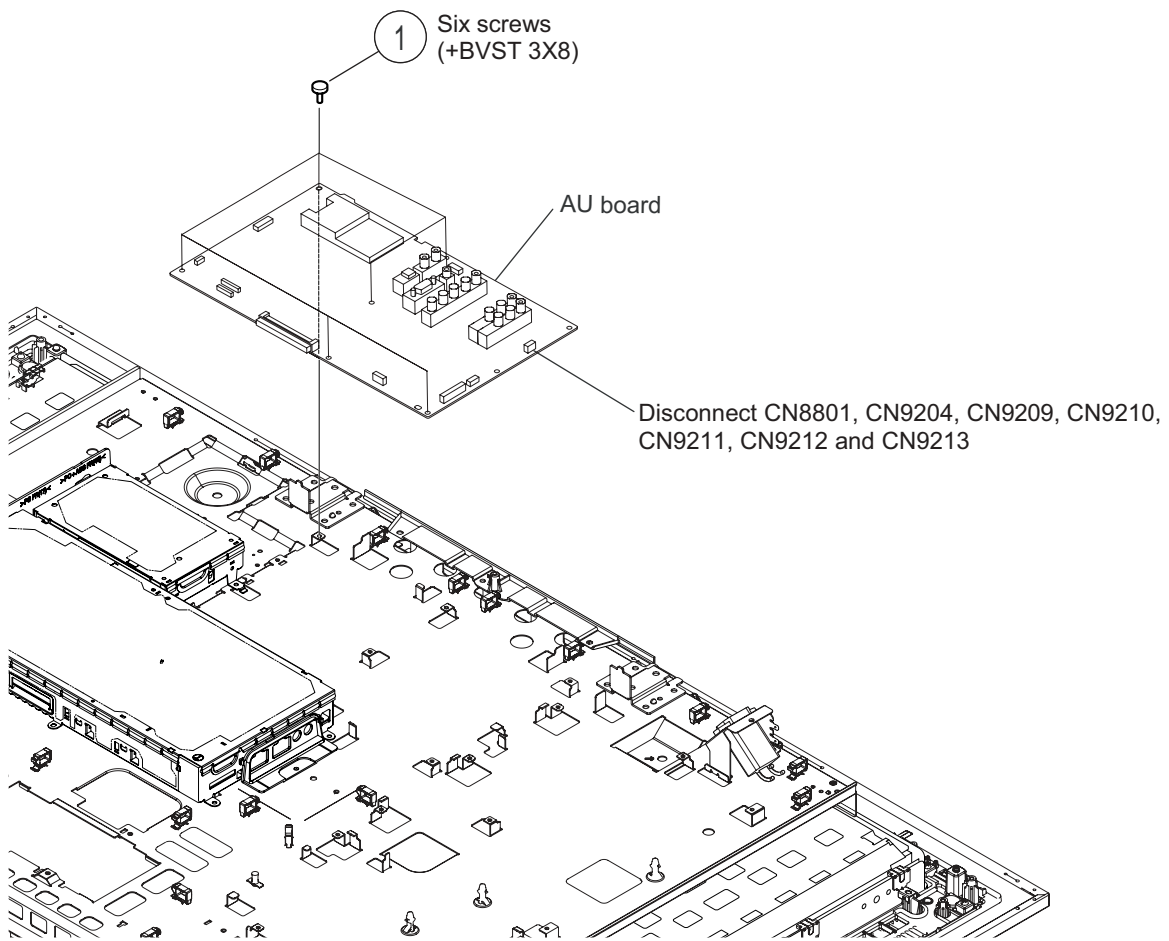
### 1-6 G1 BOARD REMOVAL



### 1-7. D1 BOARD AND D2 BOARD/D3 BOARD REMOVAL

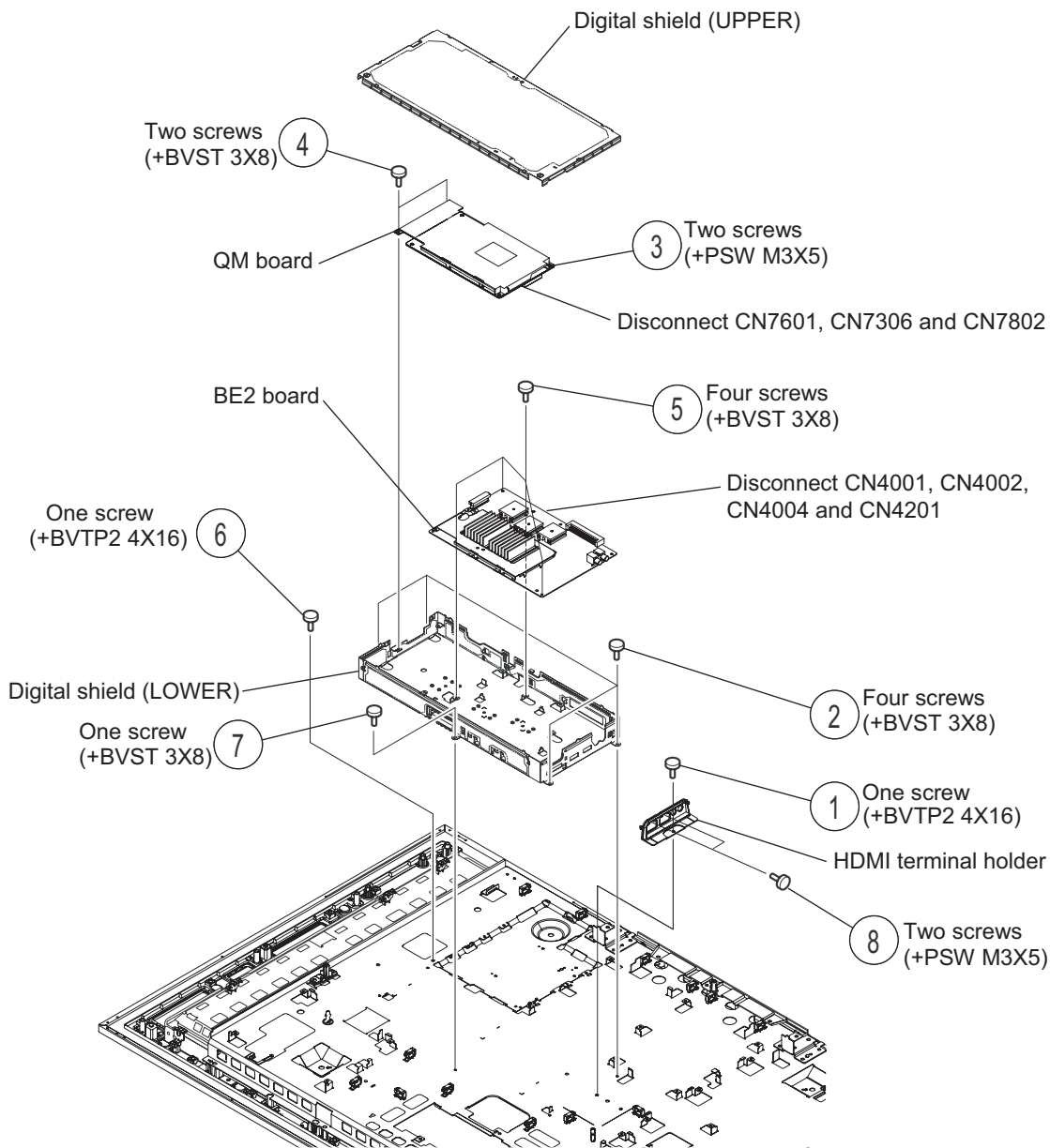


## 1-8. AU BOARD REMOVAL

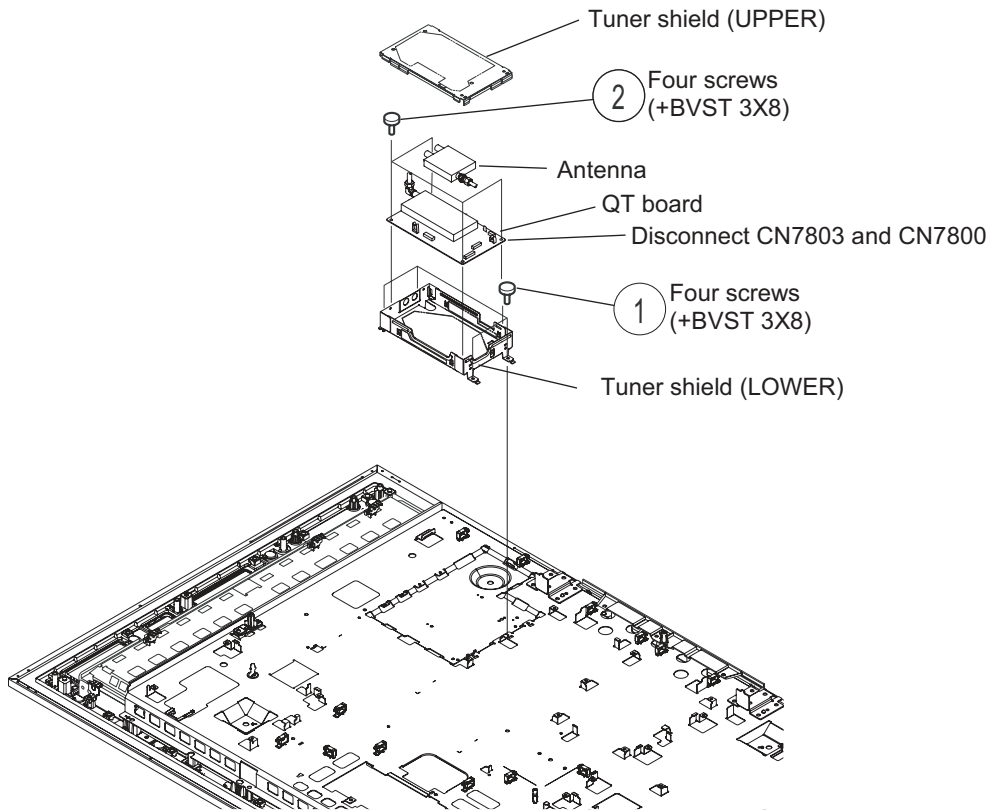




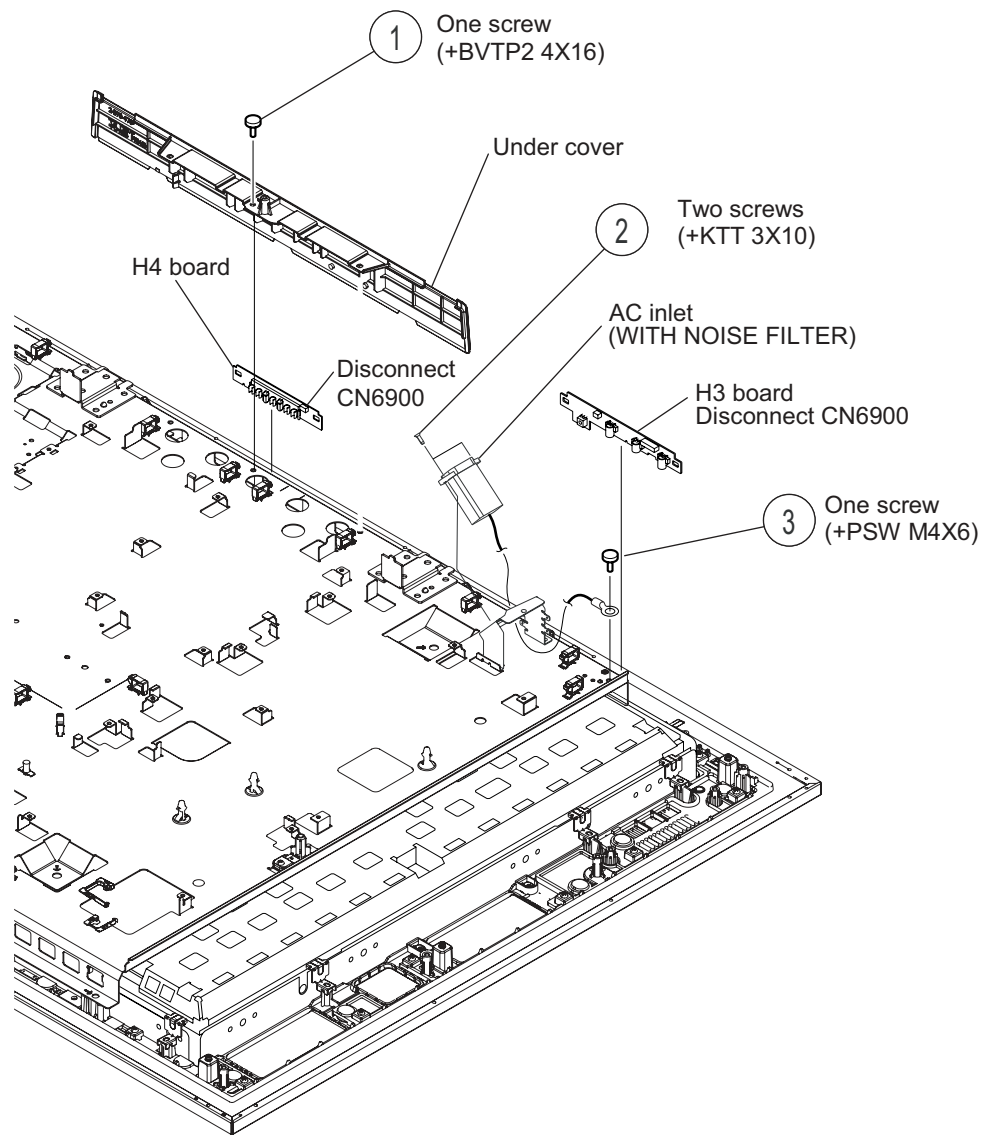
### 1-9. BE BOARD, QM BOARD AND HDMI REMOVAL



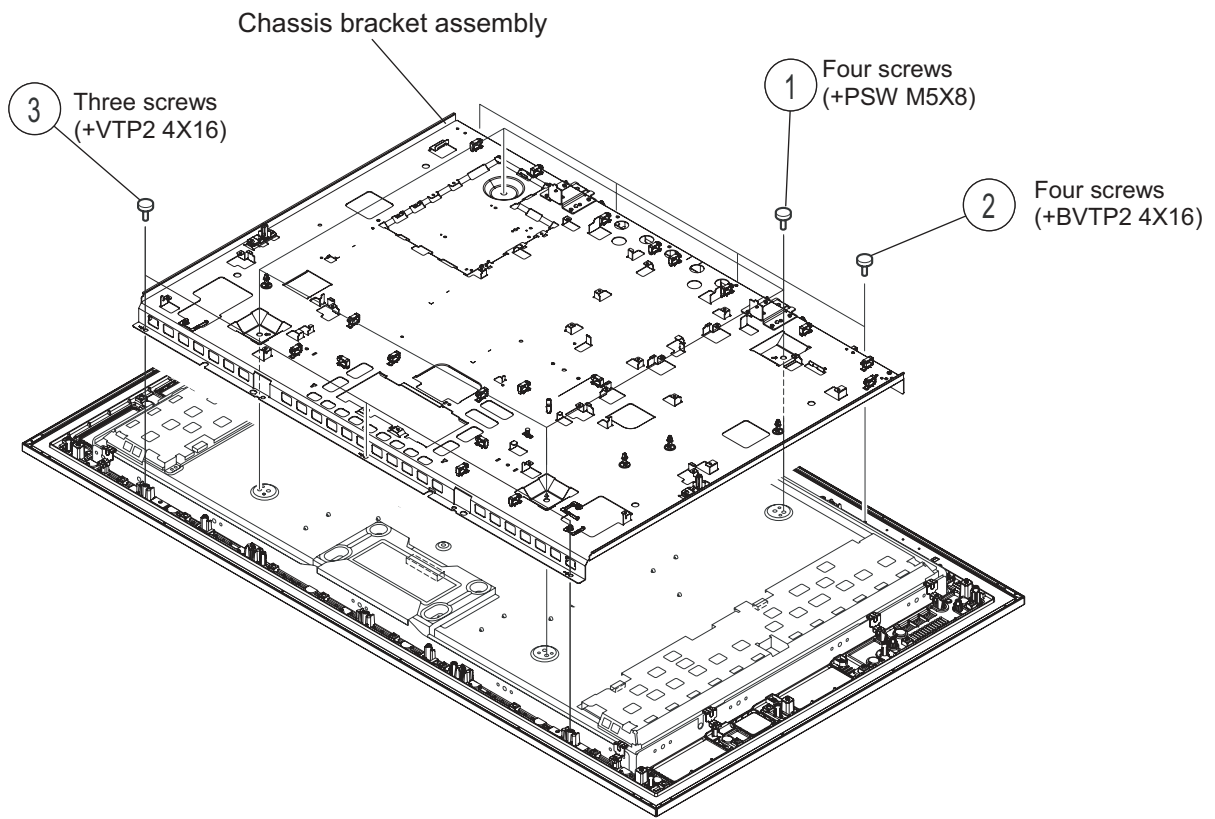
### 1-10. QT BOARD REMOVAL



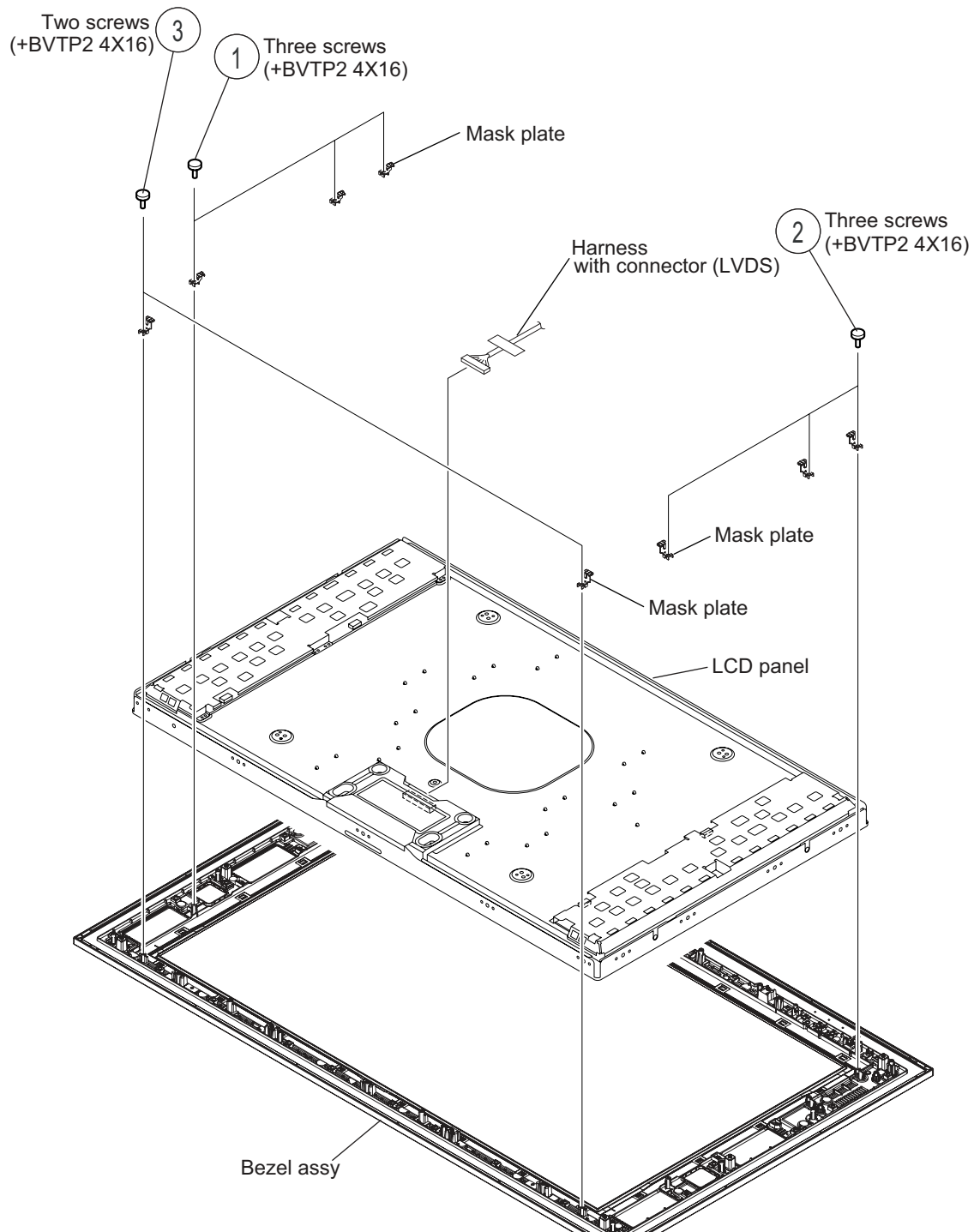
### 1-11. H3 BOARD AND H4 BOARD REMOVAL



## 1-12. CHASSIS BRACKET ASSEMBLY REMOVAL

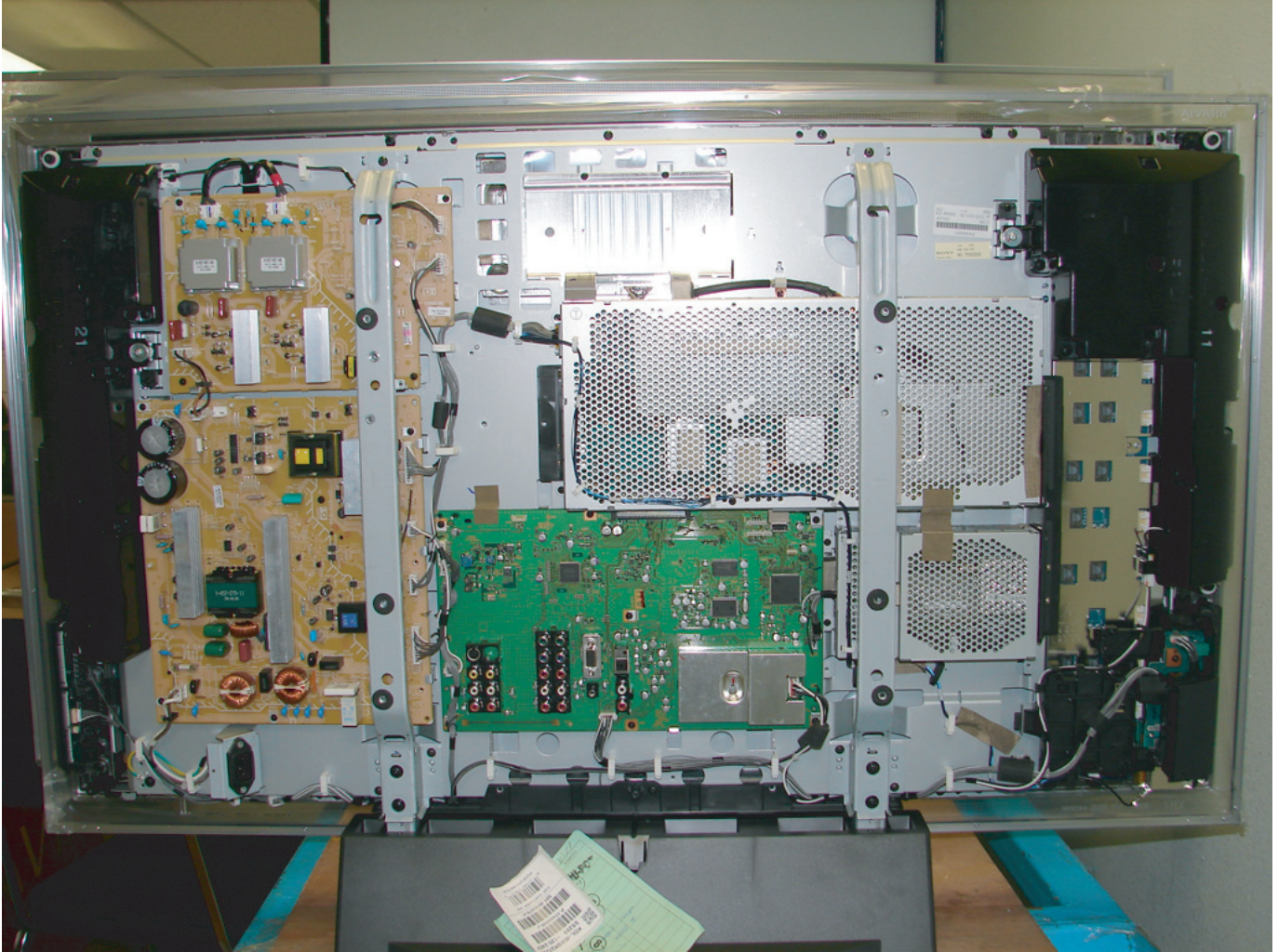


### 1-13. LCD PANEL REMOVAL



# WIRE DRESSING DIAGRAMS

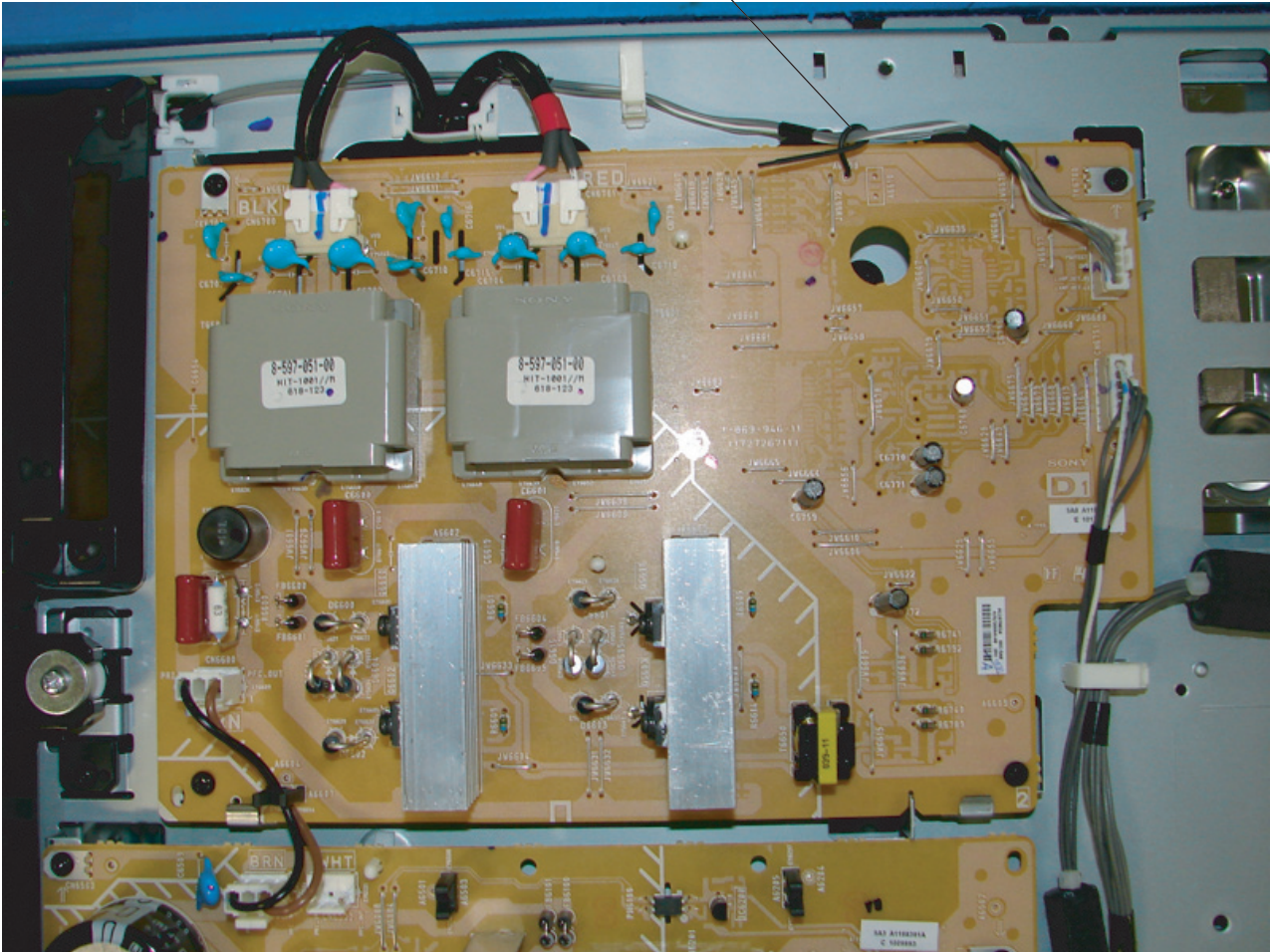
## OVERALL ASSEMBLY (KDL-40XBR2 ONLY)



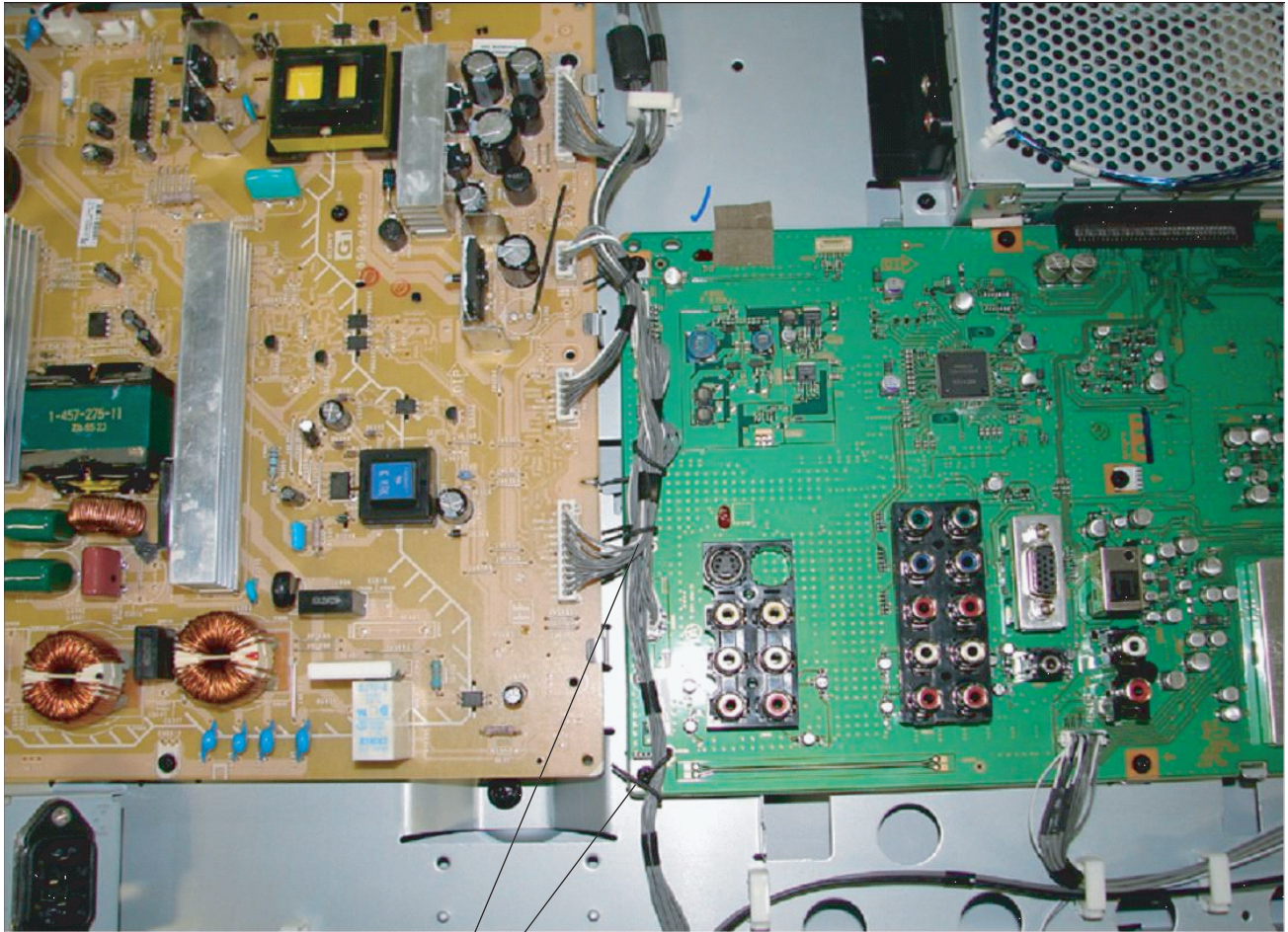


D1 BOARD

FLEX WIRE HOLDER



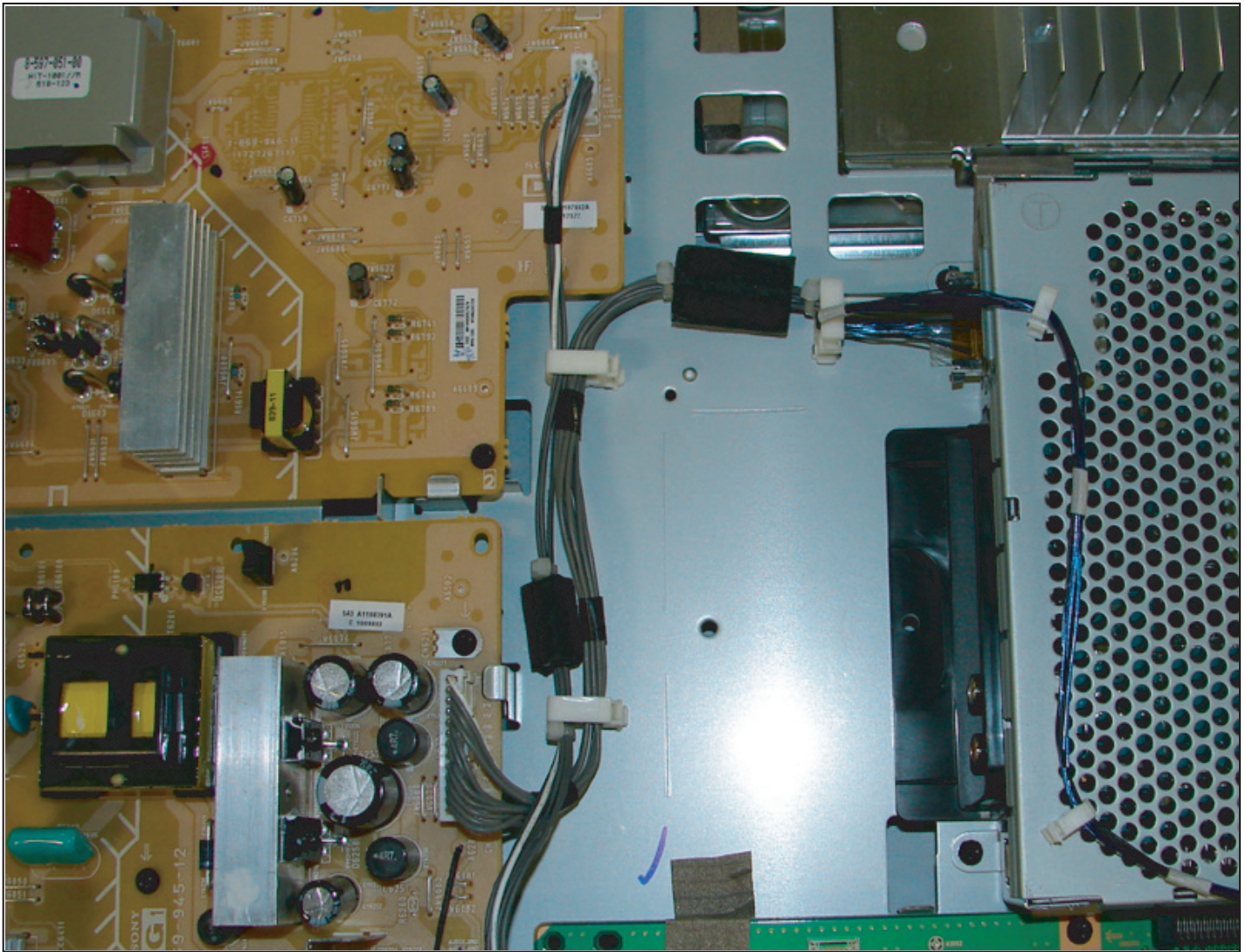
## D1 BOARD AND AU BOARD



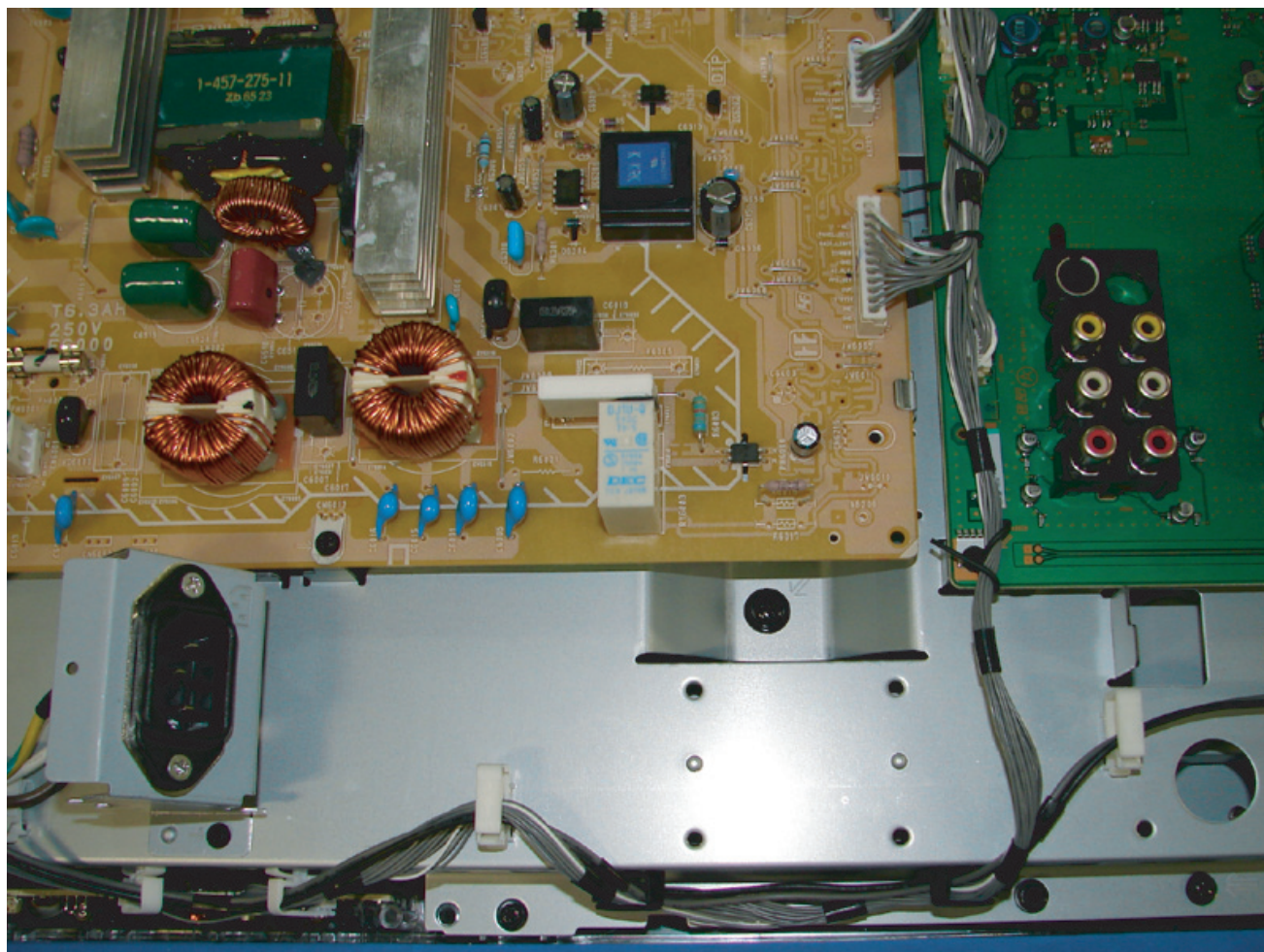
TIE AND HOLD WITH FLEX HOLDER



### D1 BOARD AND BE2 BOARD

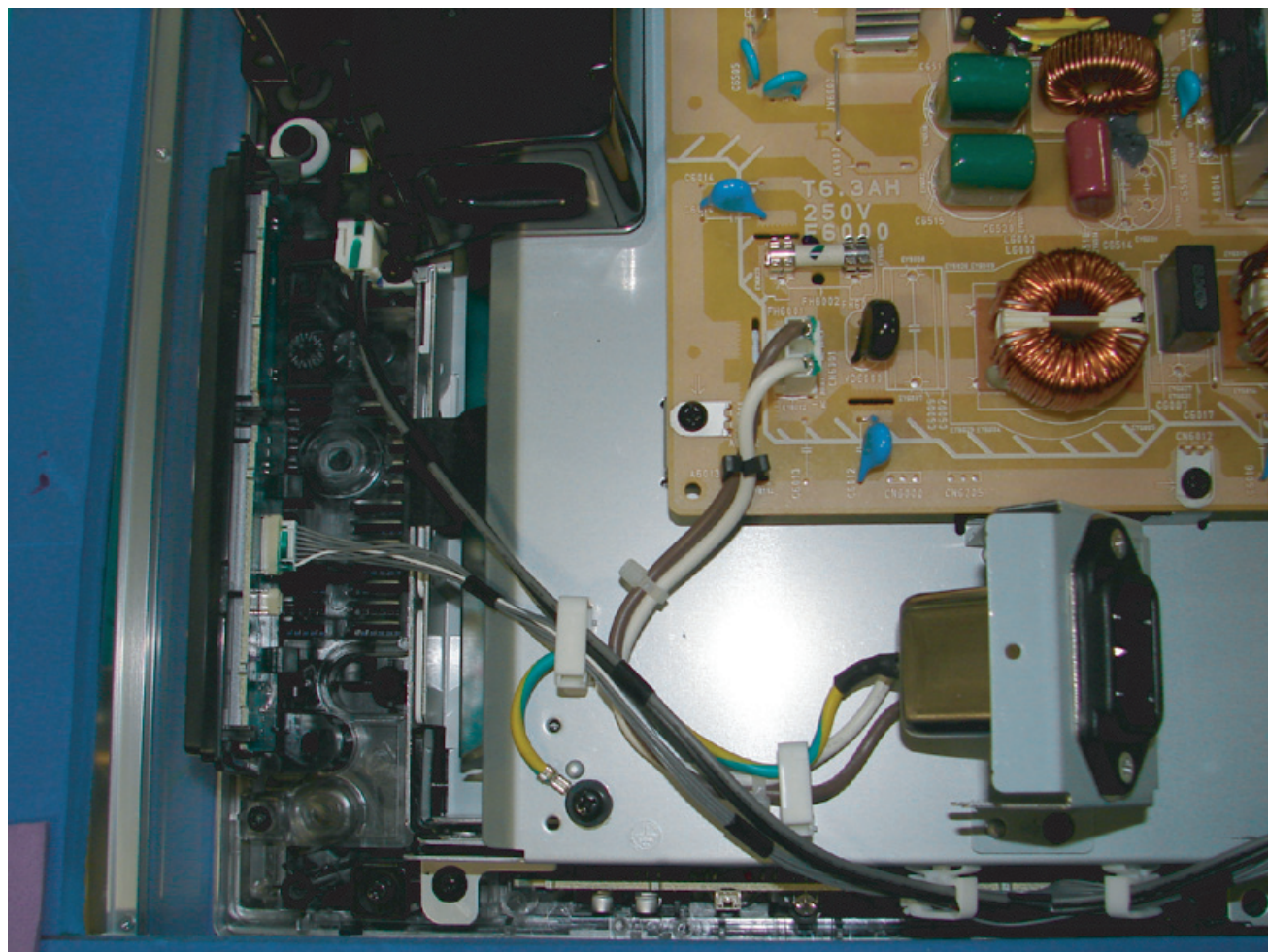


# G1 BOARD

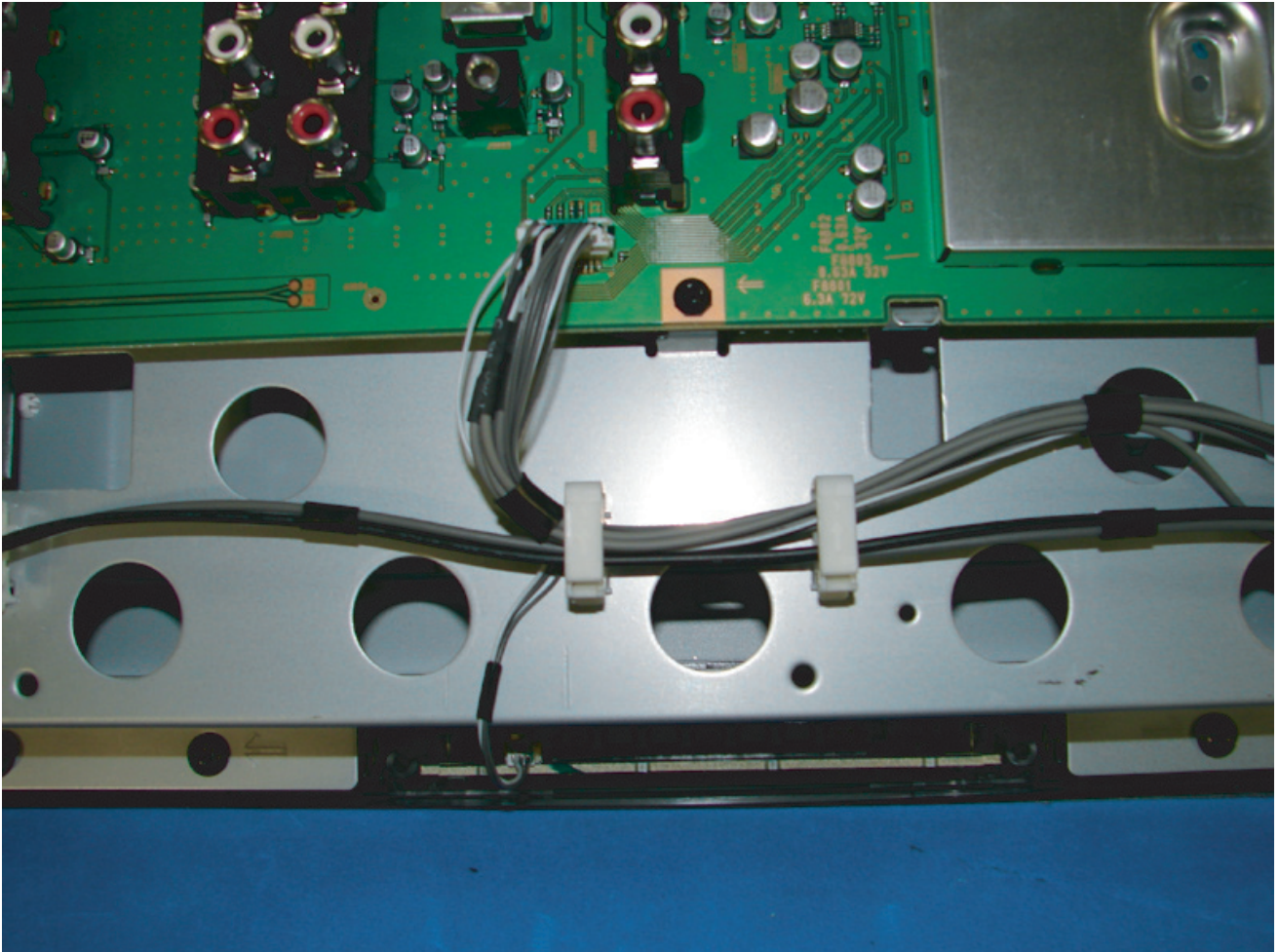




# H1 BOARD

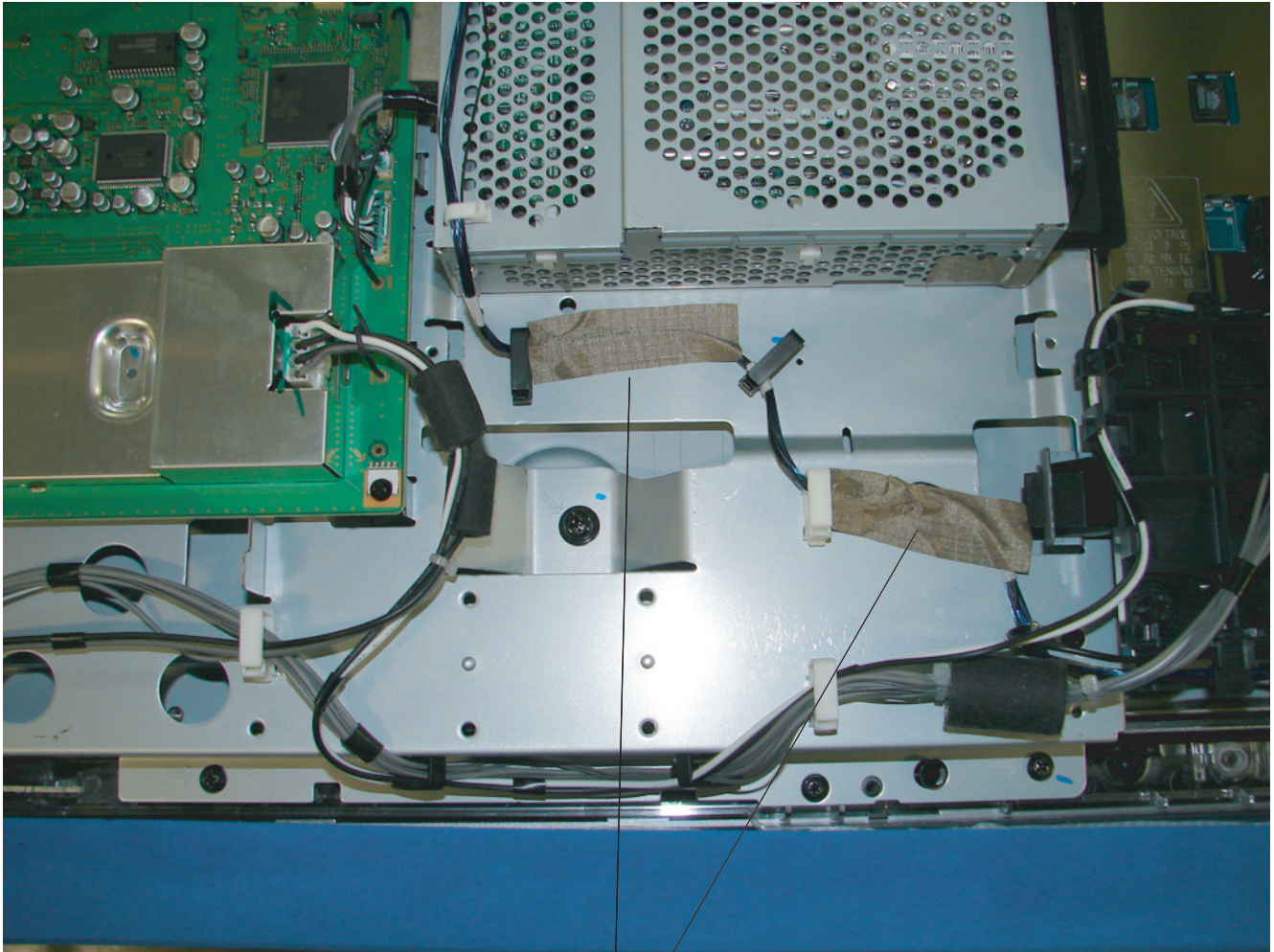


### H4 BOARD



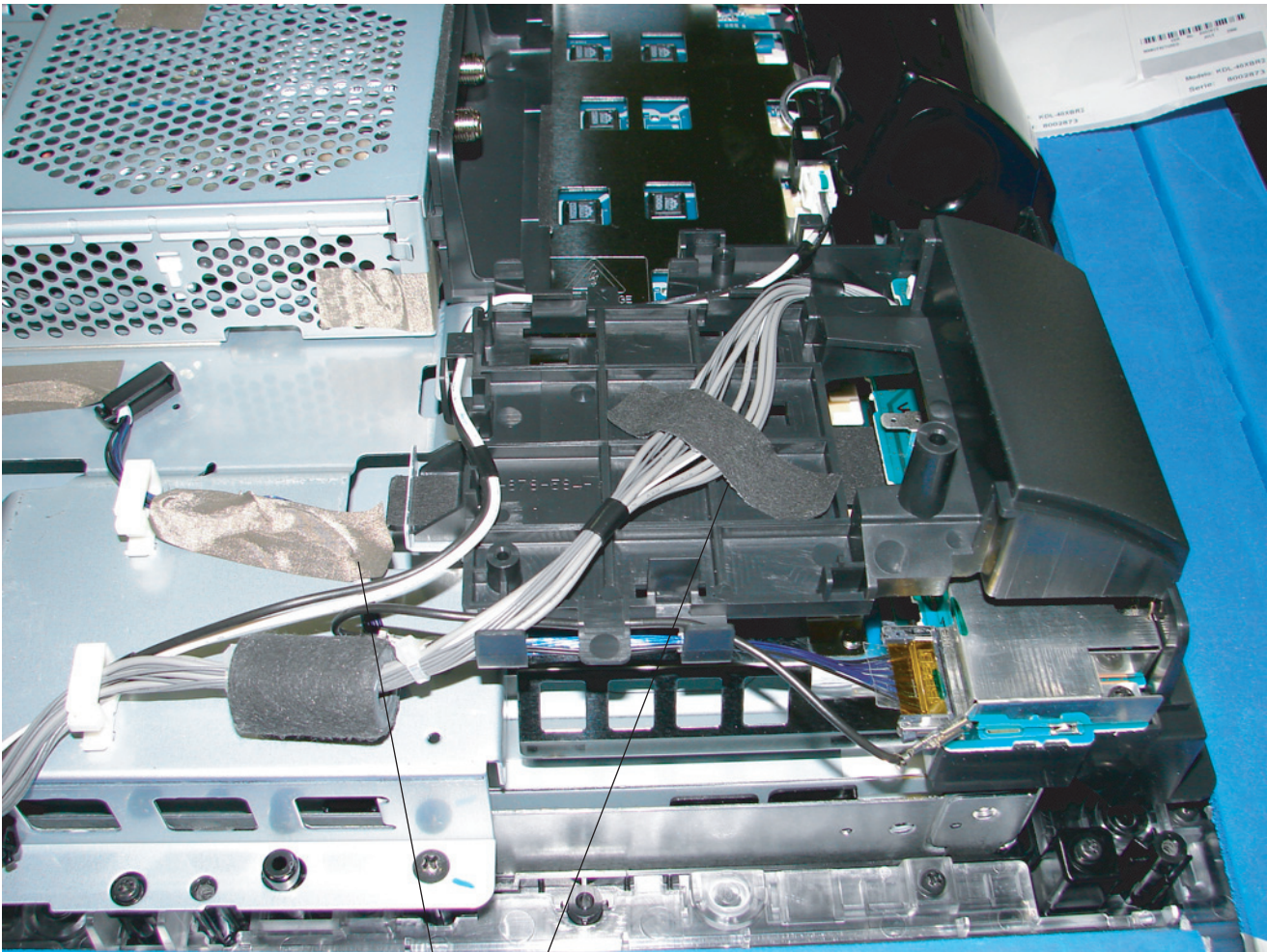


## H5 BOARD



TAPE DOWN WIRE ON CHASSIS

H5 BOARD (CONTINUED)

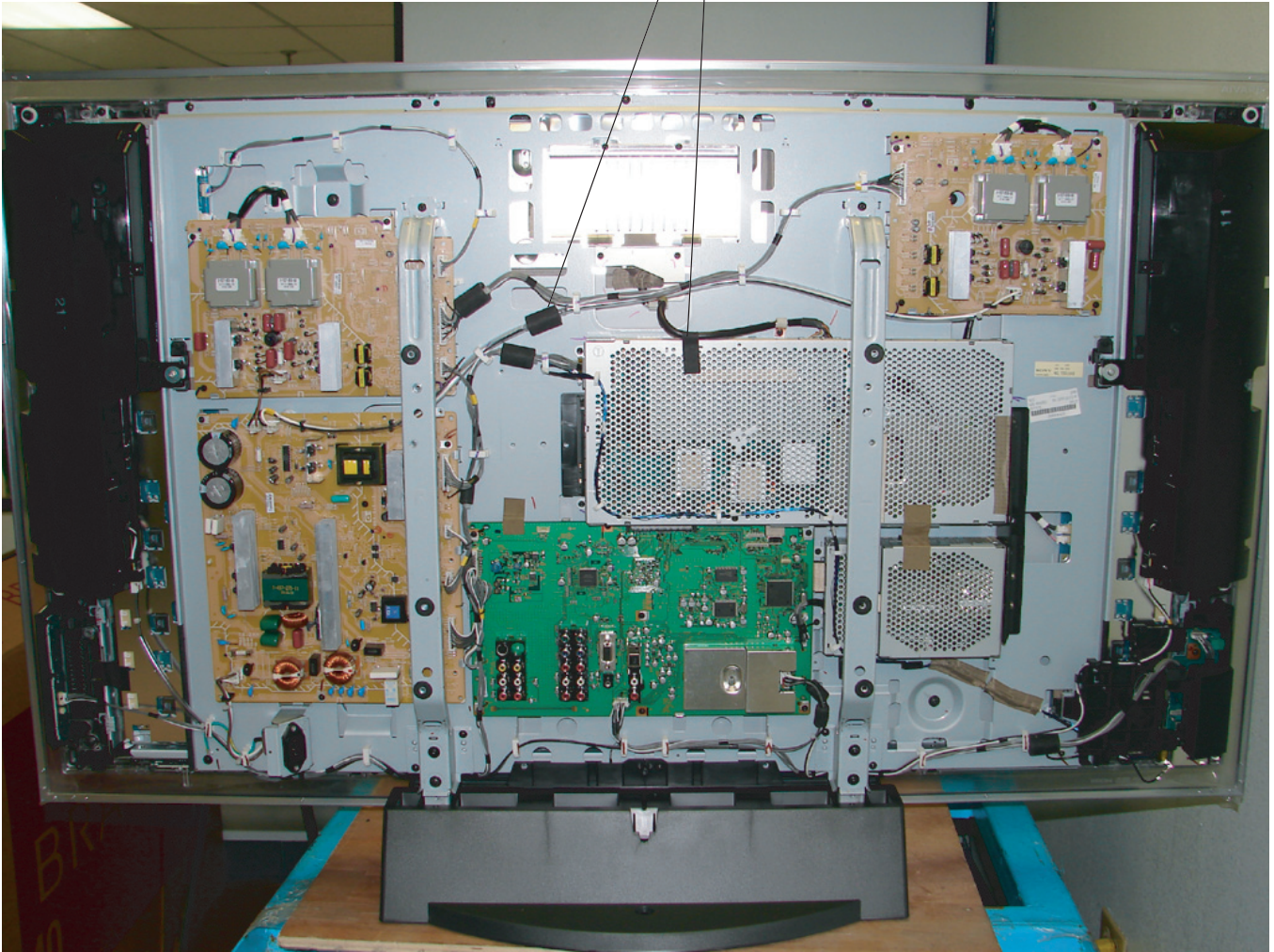


TAPE DOWN WIRE

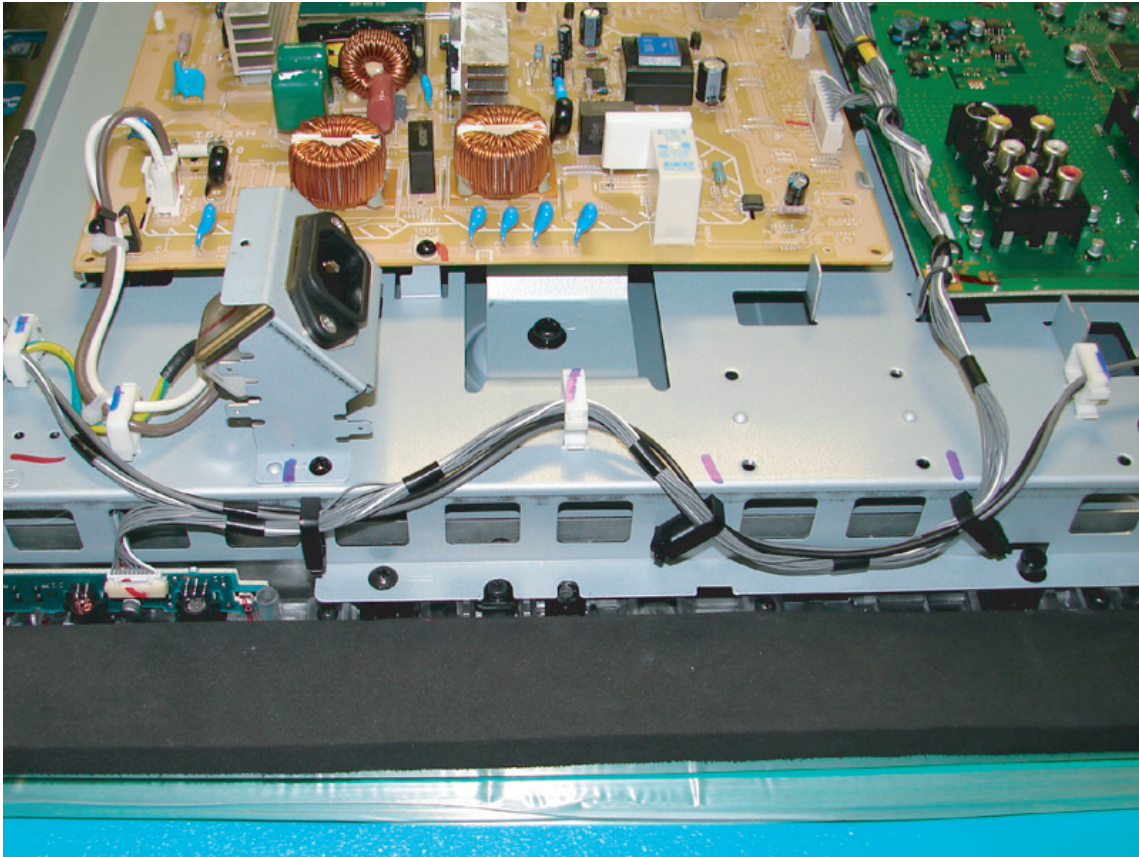


**OVERALL ASSEMBLY (KDL-46XBR2 ONLY)**

TAPE TO HOLD WIRE

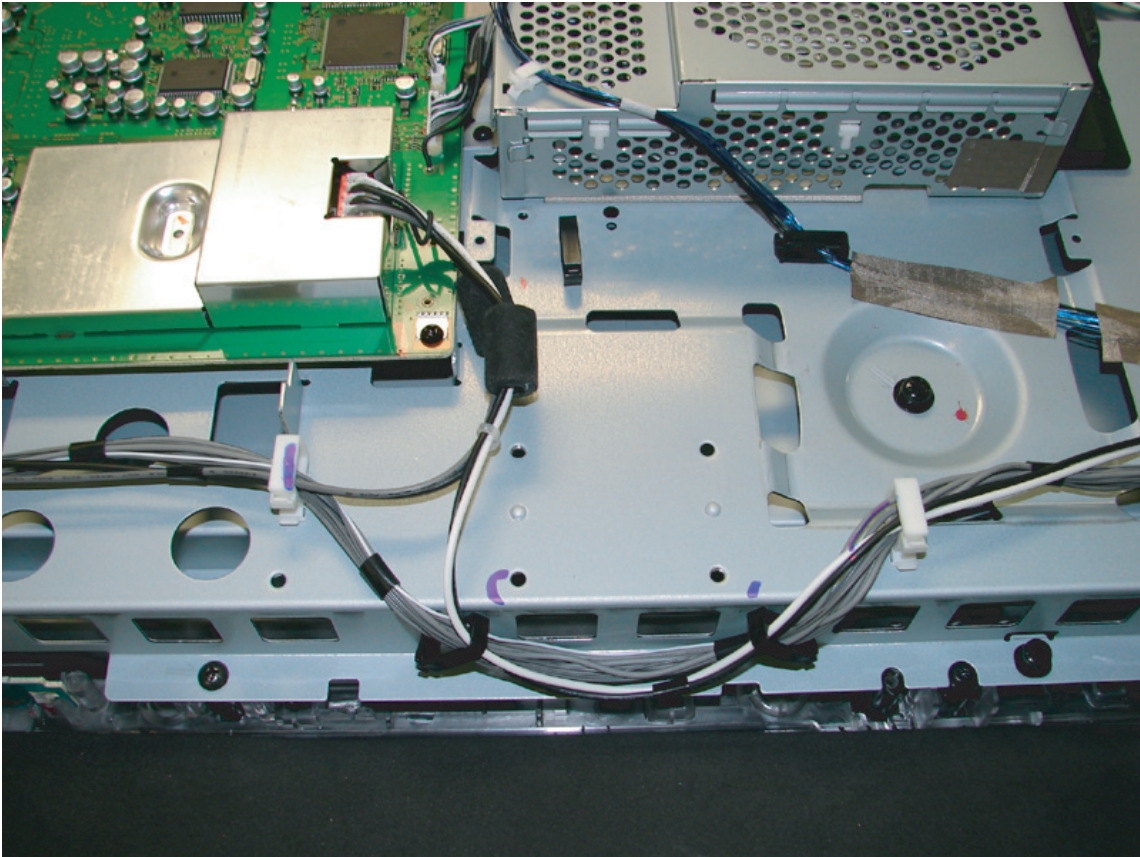


## AC INLET



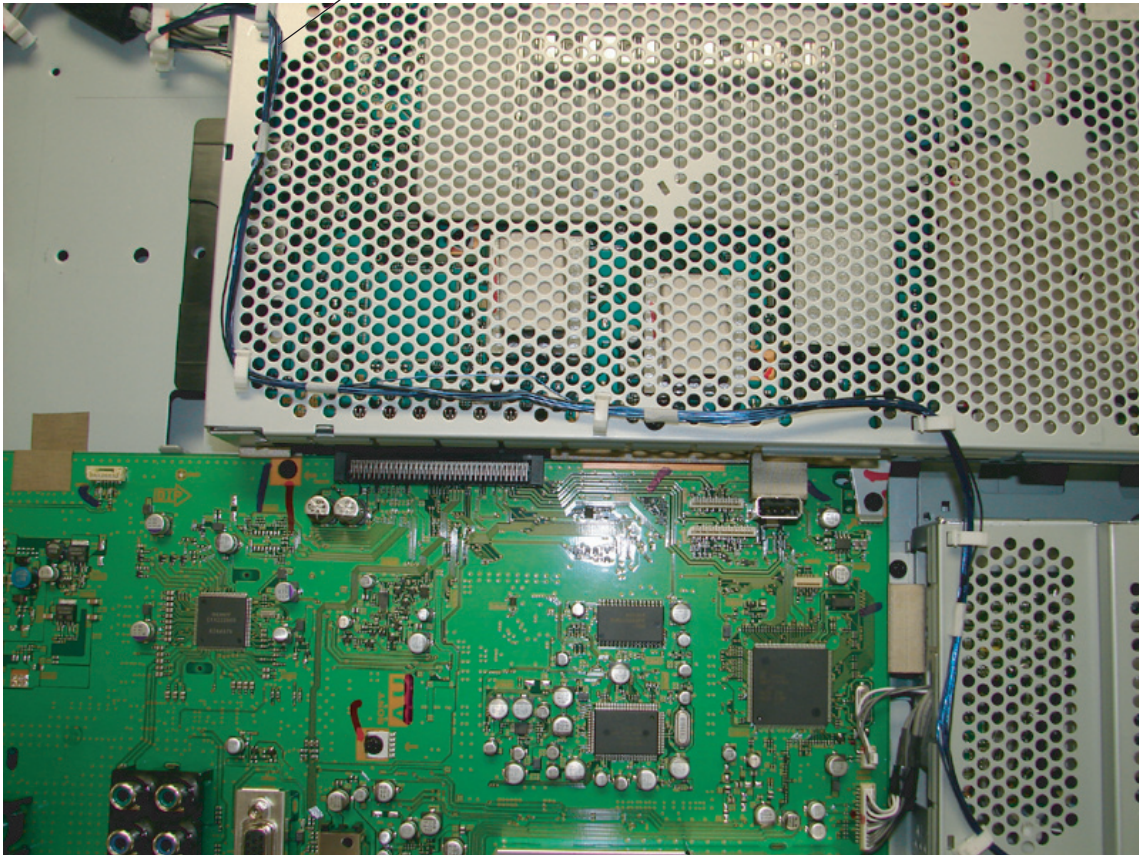


## AU BOARD



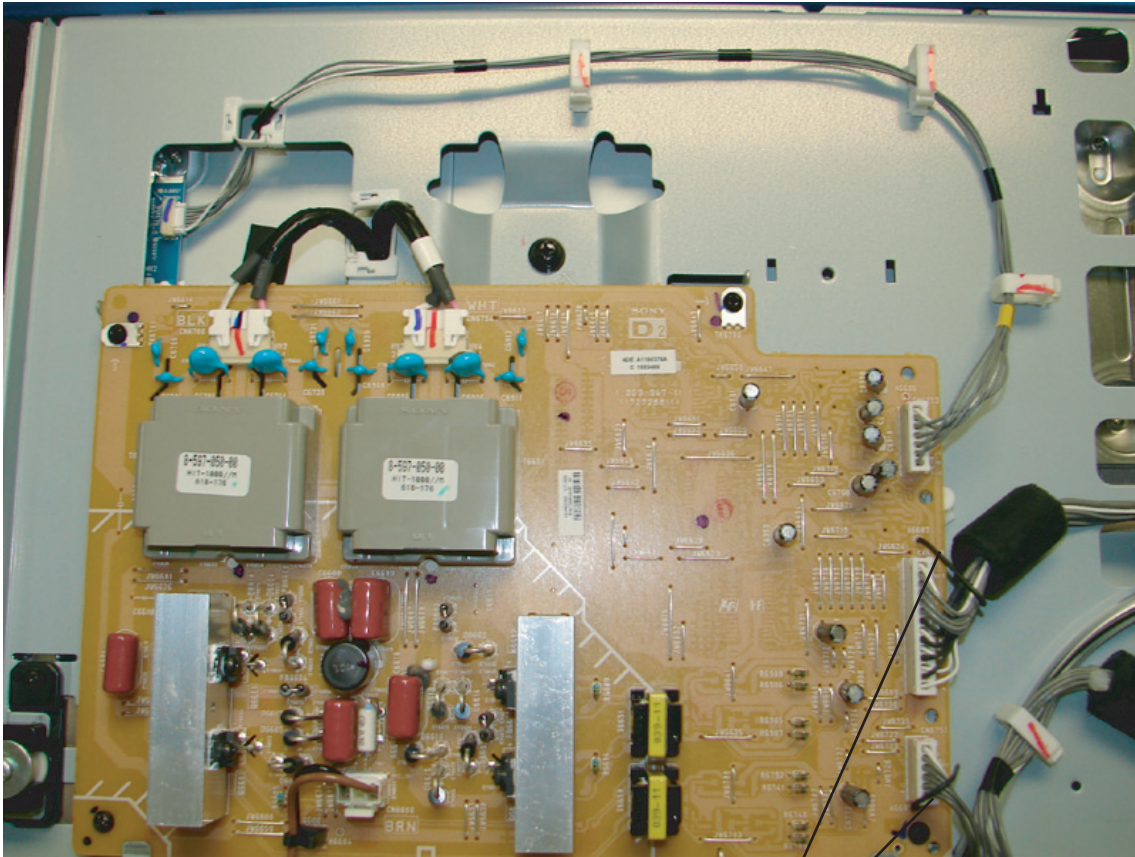
**BE2 BOARD**

WIRE HOLDER ON D-SHIELD COVER



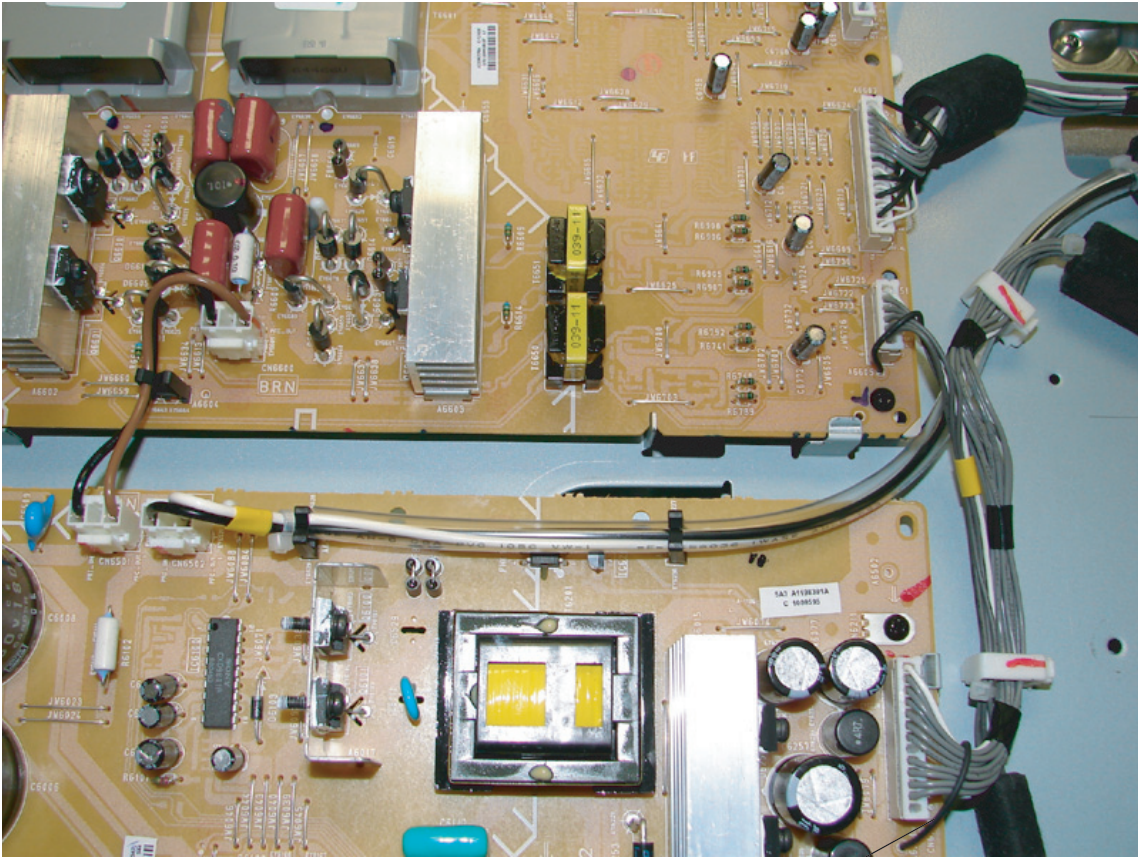


D2 BOARD



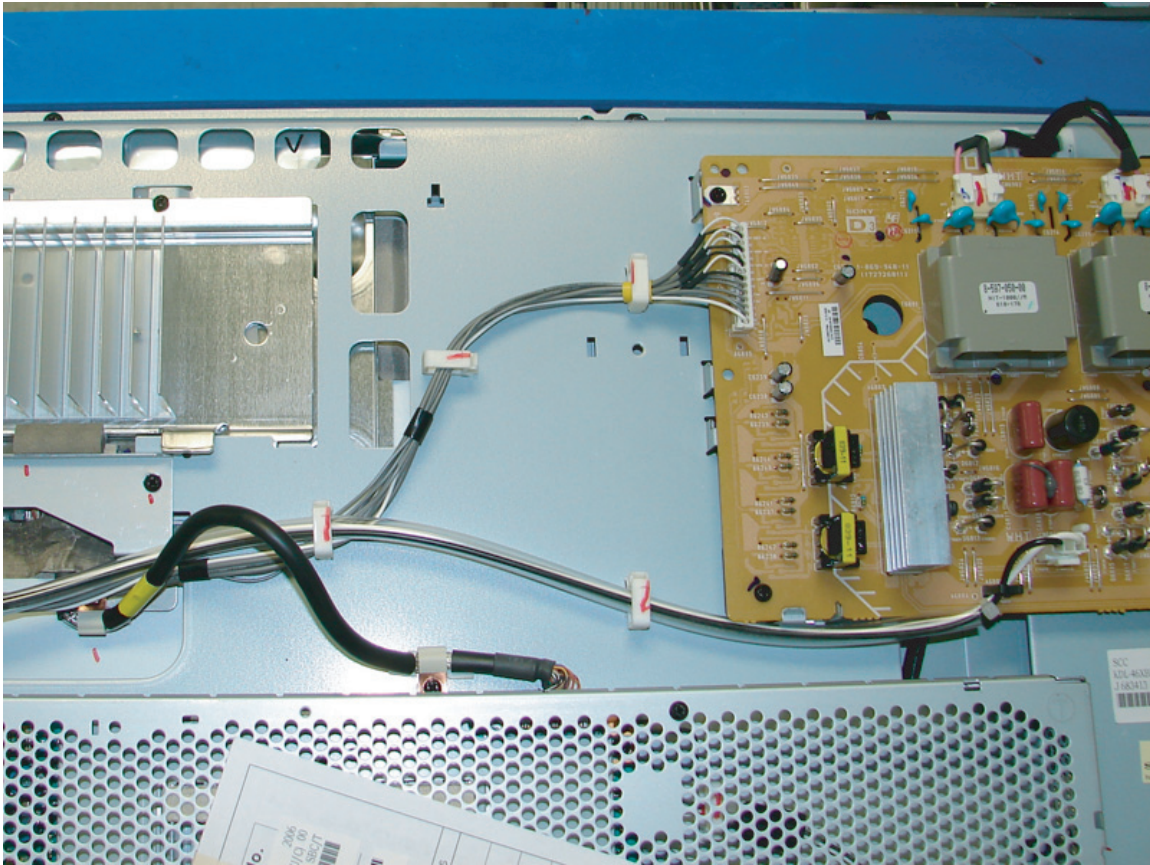
FLEX. WIRE HOLDER

## D2 BOARD AND G1 BOARD



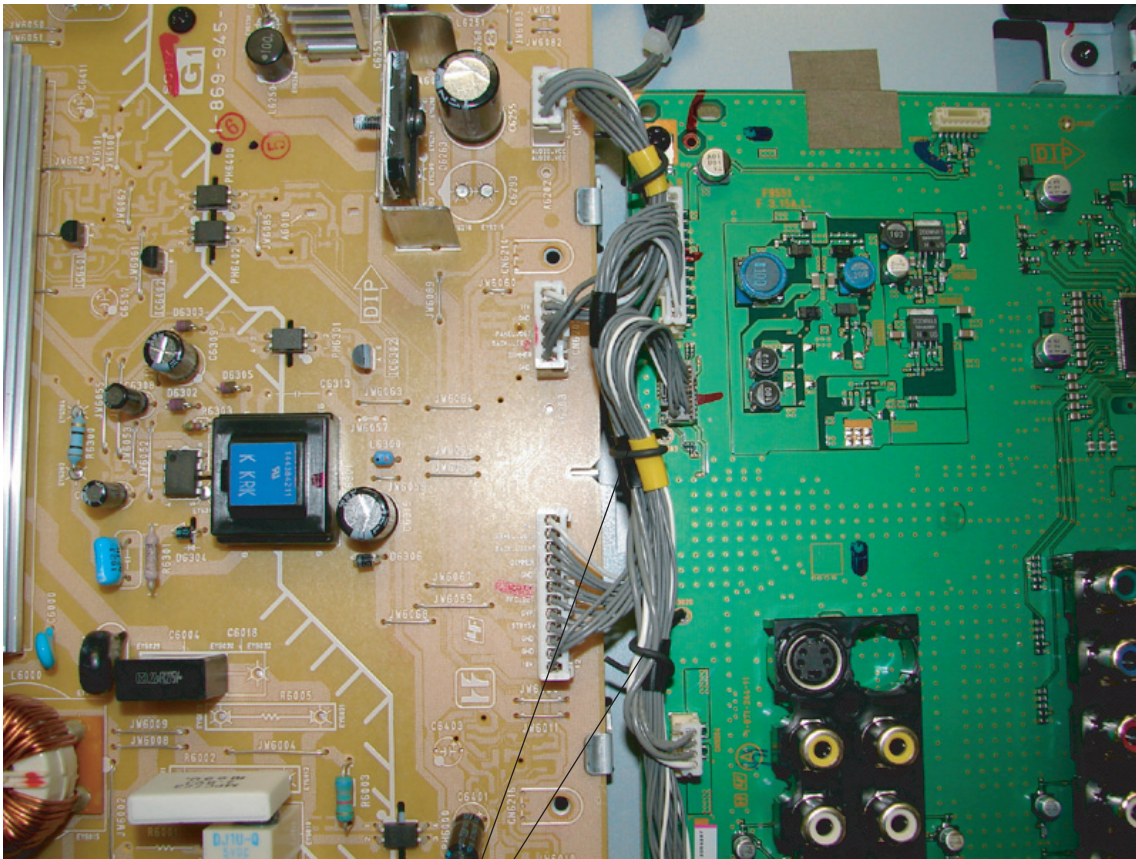
FLEX WIRE HOLDER

### D3 BOARD





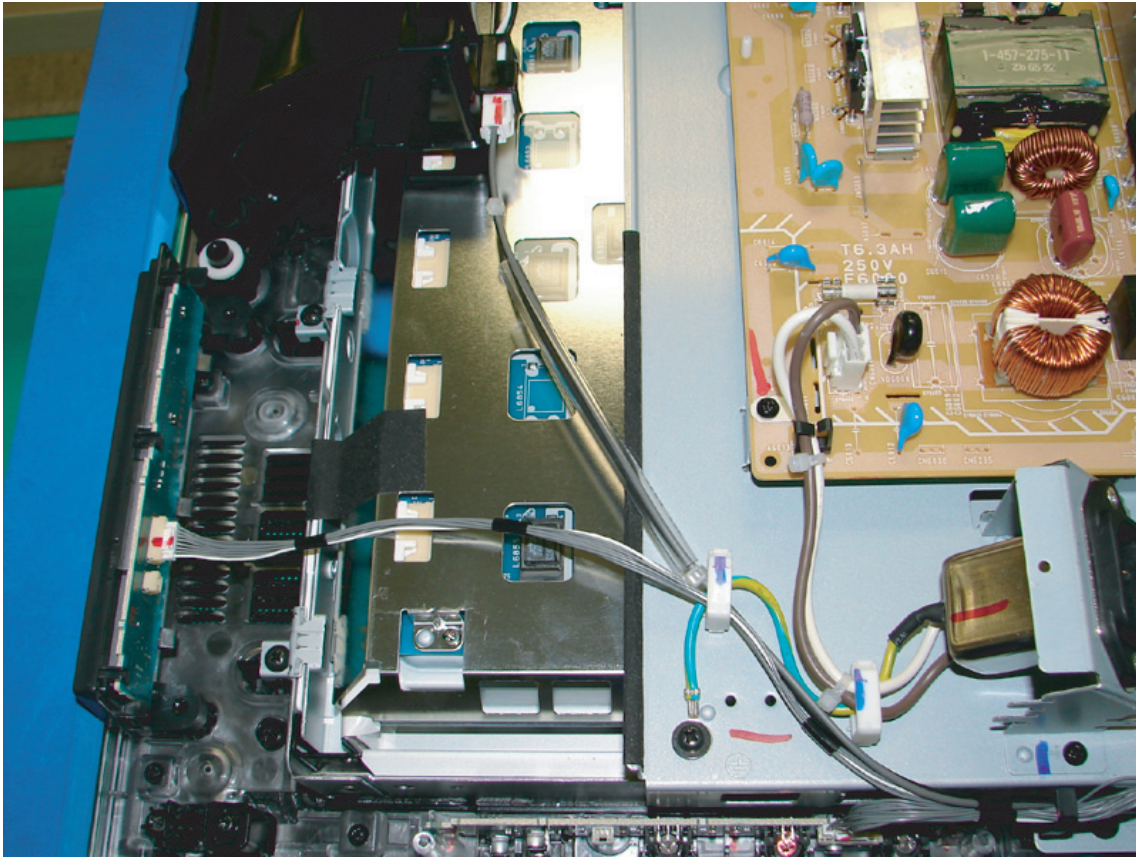
# G1 BOARD AND AU BOARD



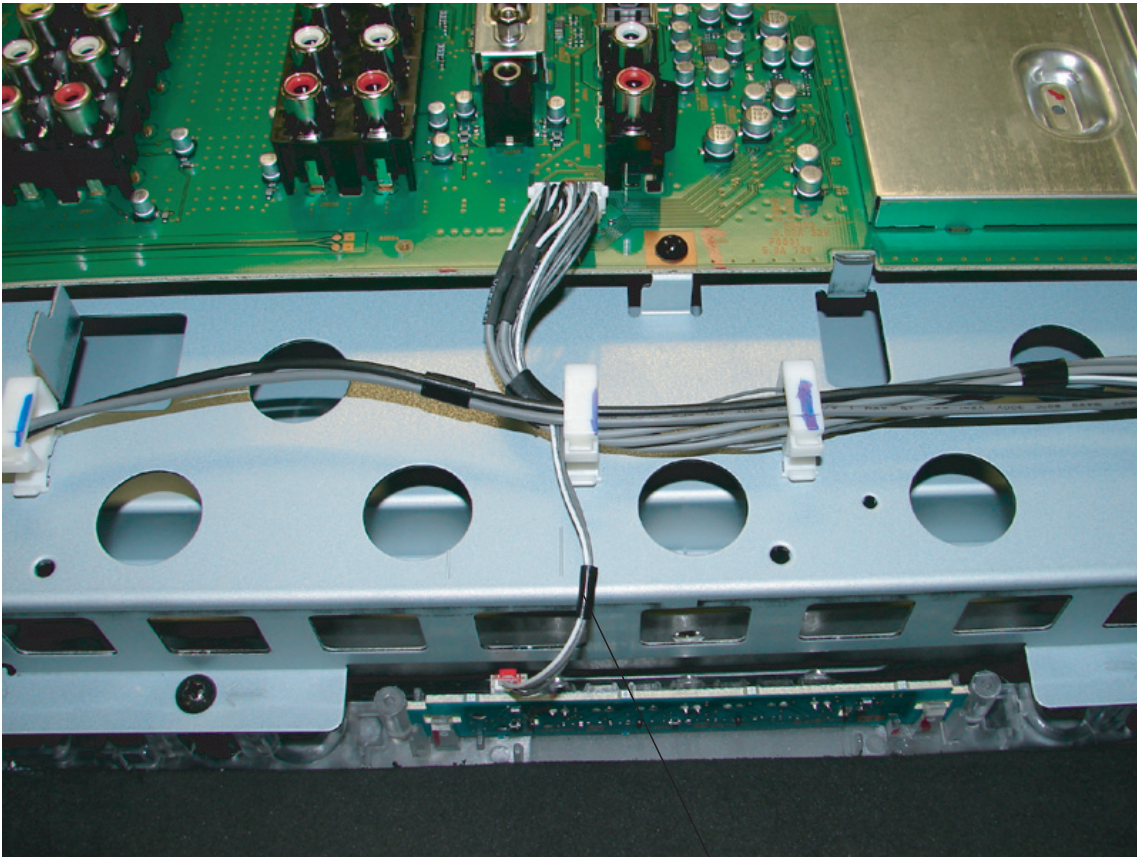
FLEX WIRE HOLER



# H1 BOARD

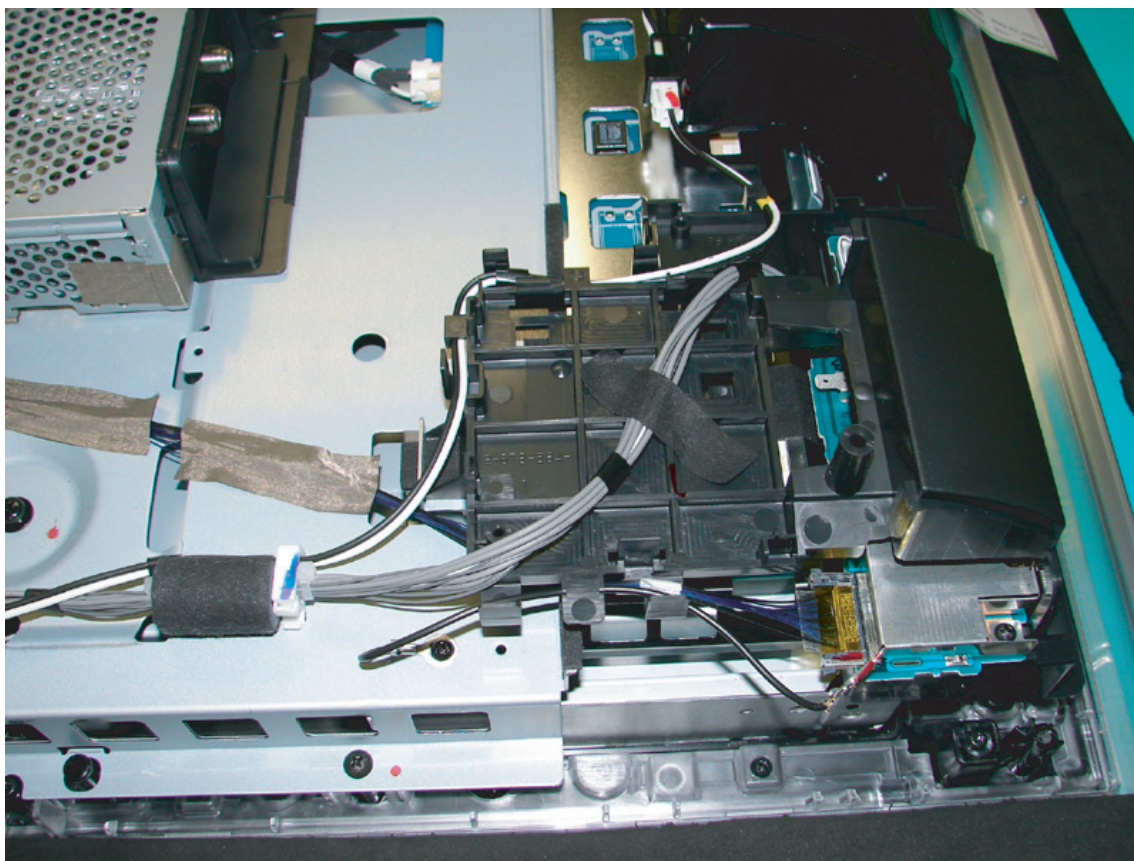


## H4 BOARD



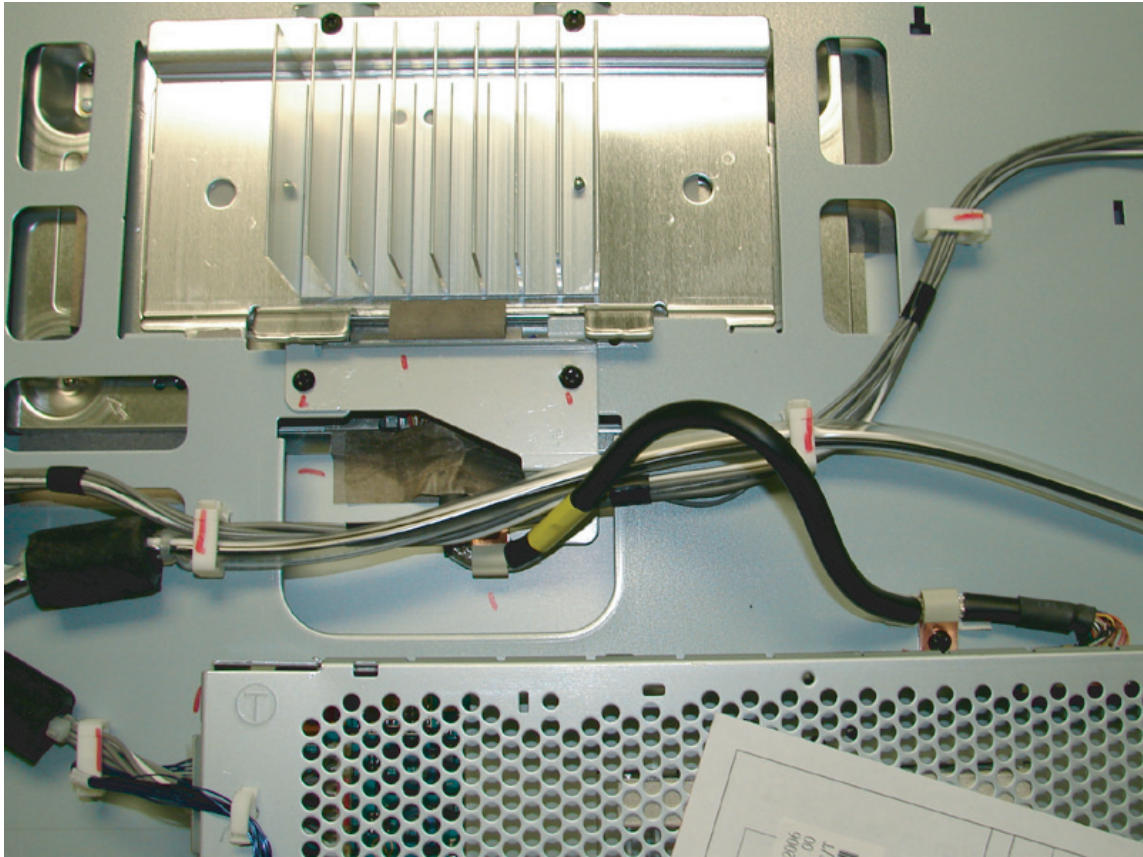
TAPE WIRE ON CHASSIS

## H5 BOARD



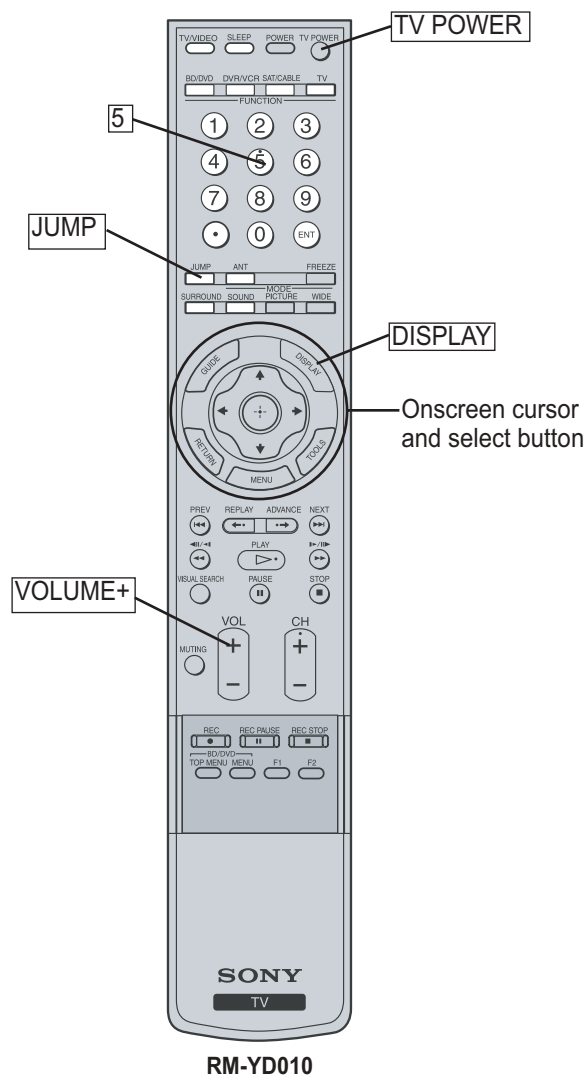


UNDER HEAT SINK



## SECTION 2: SERVICE ADJUSTMENTS

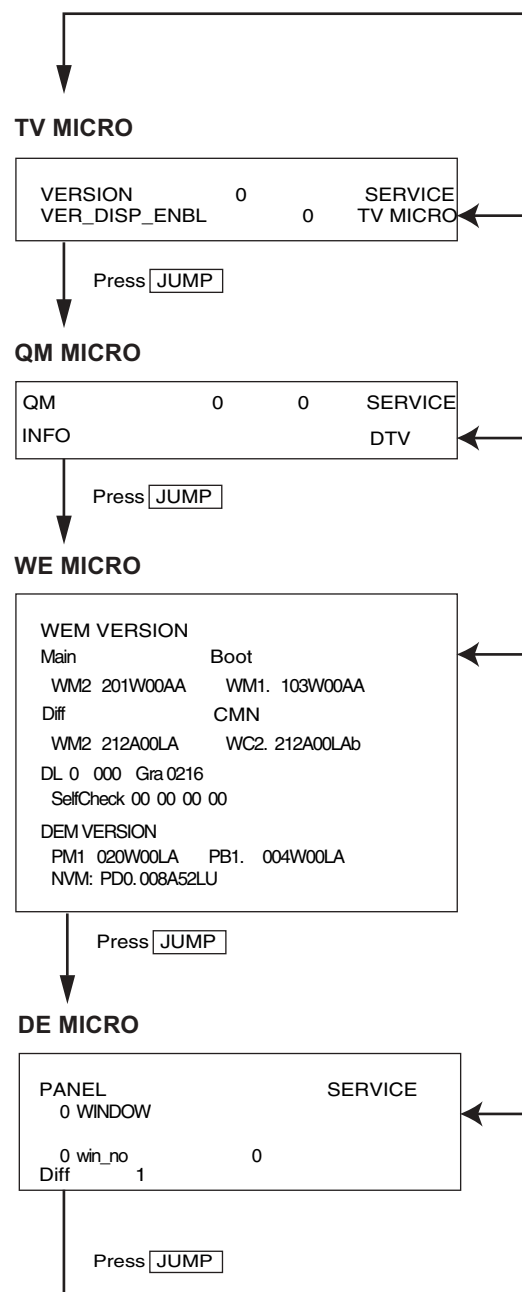
### 2-1. REMOTE ADJUSTMENT BUTTONS AND INDICATORS



### 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. (Refer to Service Menus)



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.

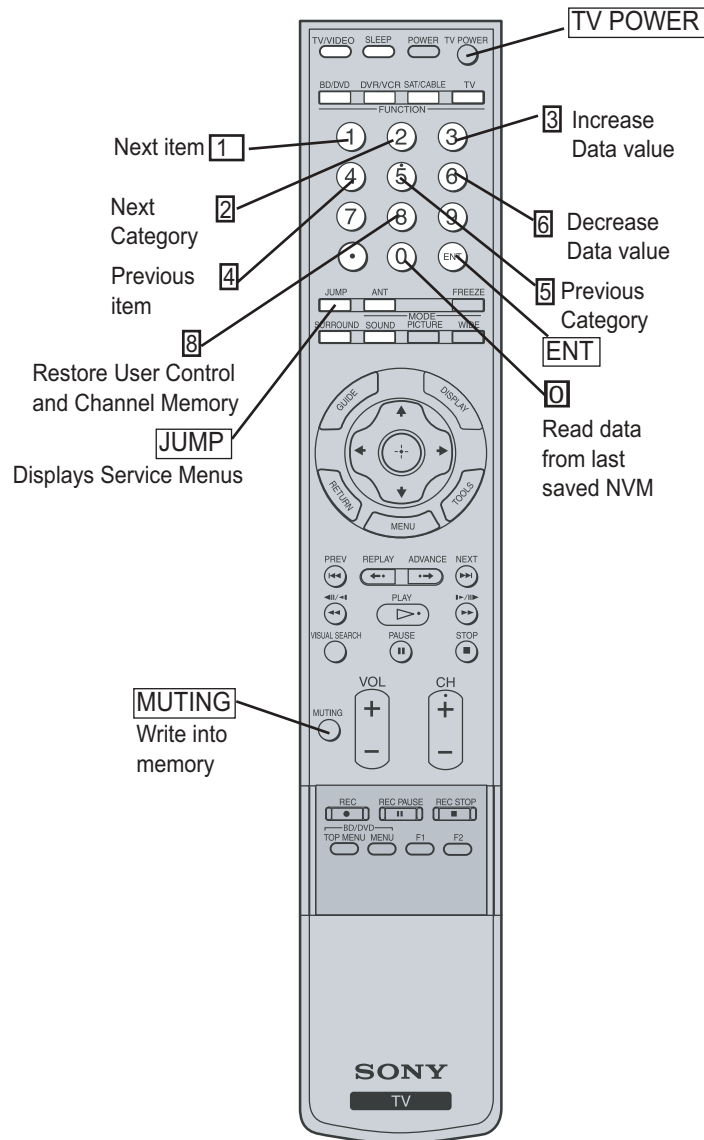
5. To change the **adjustment item**, press **1** or **4** on the Remote Commander.

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

**Note:** To go back to the last saved data value, press **0** then **ENT** on the Remote Commander to read the memory.

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

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



RM-YD010



## SERVICE MENUS

(CATEGORIES ONLY)

(continued)

TV	QM (Q BOX)	WE (WEGA ENGINE)	DE (DISPLAY ENGINE)	DE (DISPLAY ENGINE)
0	VERSION	QM	(Items cannot be adjusted)	0
1	DEV_ERR	QT		1
2	CC			2
3	OP			3
4	AUD_MAP5			4
5	AUD_MAP3			5
6	AUD_MAP2			6
7	DELAX_1			7
8	US_TUNER			8
9	HDMI_VER			9
10	HDMI_VER			10
11	S_CCPX			11
12	CXA2239			12
13	INFORST			13
				14
				15
				16
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				49
				50
				51
				52
				53
				54
				55
				56
				57
				58
				59
				ST_END
				I_SIG
				O_SIG
				READ
				TEMP
				FANCTRL1
				FANCTRL2
				MUTECTRL
				OTHER
				DWDT
				TLDT
				LCD_CTRL
				HDMI_V_R
				HDMI_V
				AUTO_DIM
				CUC
				LCD_BKLT
				DYM_BKLT
				LBM_INTP
				LBM_LWBT
				LBM_WBAJ
				LBM_SVFG
				LBM_INFO
				LBM_LKOM
				HOST_M0
				HOST_M1
				DL
				OP
				Reserve
				WINDOW
				OP_MODE
				PROT_CNT
				ONOFF
				TEST
				ACT
				MAIN_WB
				MATREG
				MATRGB
				CSC
				AHUE
				LGAMM
				LCKCTRL
				ALCK
				LCK_LUT0
				LCK_LUT1
				LCK_LUT2
				LCK_LUT3
				LCK_LUT4
				LCK_LUT5
				LCK_LUT6
				DITHR
				FUNCSW
				YIOP
				DCI0
				TEXT_SHP
				APED
				PANEL_ID
				SYNC
				CLK
				SCALER

## 2-3. WHITE BALANCE ADJUSTMENT

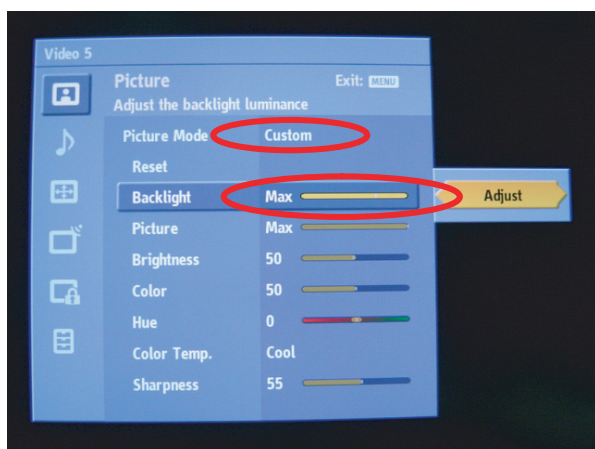
Adjust the White Balance using the User Menu and the Service Menu when you replace boards or the LCD Panel.

### 2-3-1. USER MENU ADJUSTMENTS

Use the following procedure to adjust the items from the User Menu before adjusting items in the Service Menu.

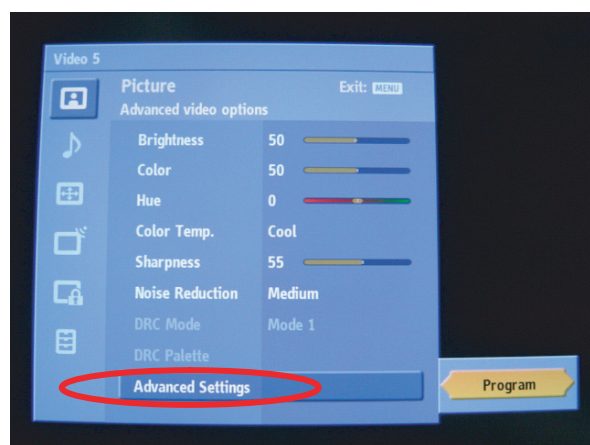
Press the  $\uparrow/\downarrow/\leftarrow/\rightarrow$  to move the on-screen cursor. Press  $\odot$  to select/confirm an item

1. Display the User Menu by pressing MENU on the Remote Commander.
2. Select the Settings option.
3. Change the Picture Mode to Custom.
4. Select the Backlight option.
  - a. Set the Backlight option to MAX.



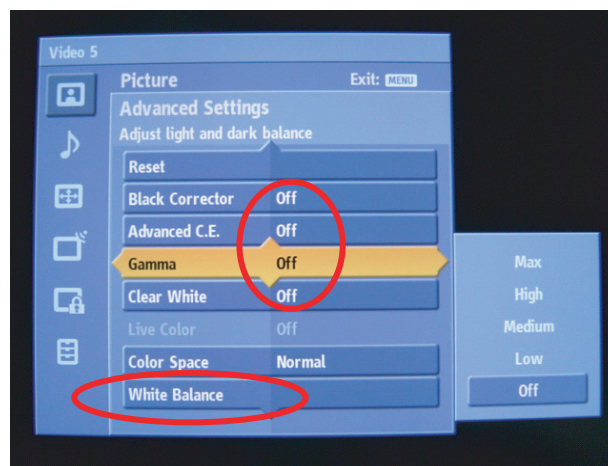
5. Select the Advanced Settings option.

NOTE: The Advanced Settings option is only available after you select Custom from the Picture Mode.



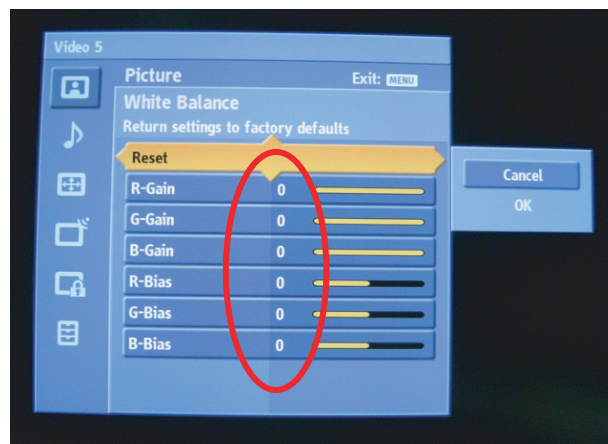
- a. Set following registers to Off:

Black Corrector  
Advanced C.E.  
Gamma  
Clear White



- b. Select the White Balance option.

- c. Set the R, G, B Gain and R, G, B Bias to 0.



6. Put the TV in standby mode. (Power off).

## 2-3-2. SERVICE MENU ADJUSTMENTS

Use the following procedure to adjust the Service Menu items for White Balance Adjustments.

NOTE: GAINR, GAING, & GAINB are White Balance Adjustments for Highlight and OFFR, OFFG, & OFFB are White Balance Adjustments for Offset.

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 DE Micro service menu displays.

### DE MICRO

PANEL	SERVICE
0 WINDOW	
0 win_no	0
Diff 1	

3. Press [2] until the 6 MAIN\_WB category displays.

4. Press [1] until the 4 GAINR item displays.

### DE MICRO

PANEL	SERVICE
6 MAIN_WB	
4 GAINR	520
Diff 1	

Category — 6 MAIN\_WB  
Item — 4 GAINR

Data Value — 520

5. Press [3] to increase or [6] to decrease the data value.  
(Do not increase the GAINR data value higher than 520.)

6. Repeat steps 4 & 5 for each of the following items:

- a. 5 GAINR (data value is fixed at 512)
- b. 6 GAINB - Do not increase the higher than  
540 (KDL-40XBR2)  
530 (KDL-46XBR2)
- c. 8 OFFR
- d. 9 OFFG (data value is fixed at 512)
- e. 10 OFFB

7. To write into memory, press [MUTING] then [ENTER] on the Remote Commander.

### DE MICRO

PANEL	WRITE
6 MAIN_WB	
4 GAINR	520
Diff 1	

Text color changes to red when saving.

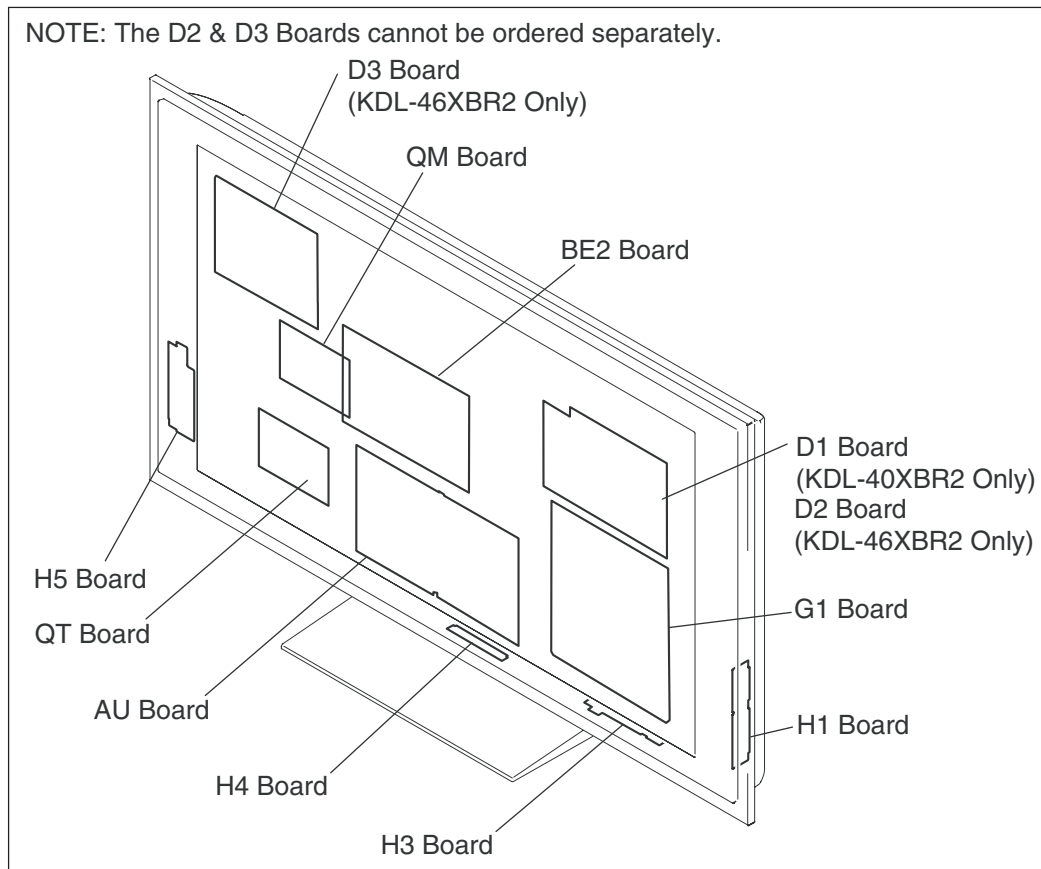
### DE MICRO

PANEL	WRITE
6 MAIN_WB	
4 GAINR	520
Diff 1	

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

# SECTION 3: DIAGRAMS

## 3-1. CIRCUIT BOARDS LOCATION



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

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

All electrolytics are in 50V unless otherwise specified.

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

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

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

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

: nonflammable resistor

: fusible resistor

: internal component

: panel designation and adjustment for repair

: earth ground

: earth-chassis

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

Readings are taken with a color-bar signal input.

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

Voltages are DC with respect to ground unless otherwise noted.

Voltage variations may be noted due to normal production tolerances.

All voltages are in V.

S : Measurement impossibility.

: B+line.

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

: signal path. (RF)

Circled numbers are waveform references.

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

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

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

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

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



## REFERENCE INFORMATION

### RESISTOR

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

### CAPACITOR

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

### COIL

: LF-8L MICRO INDUCTOR

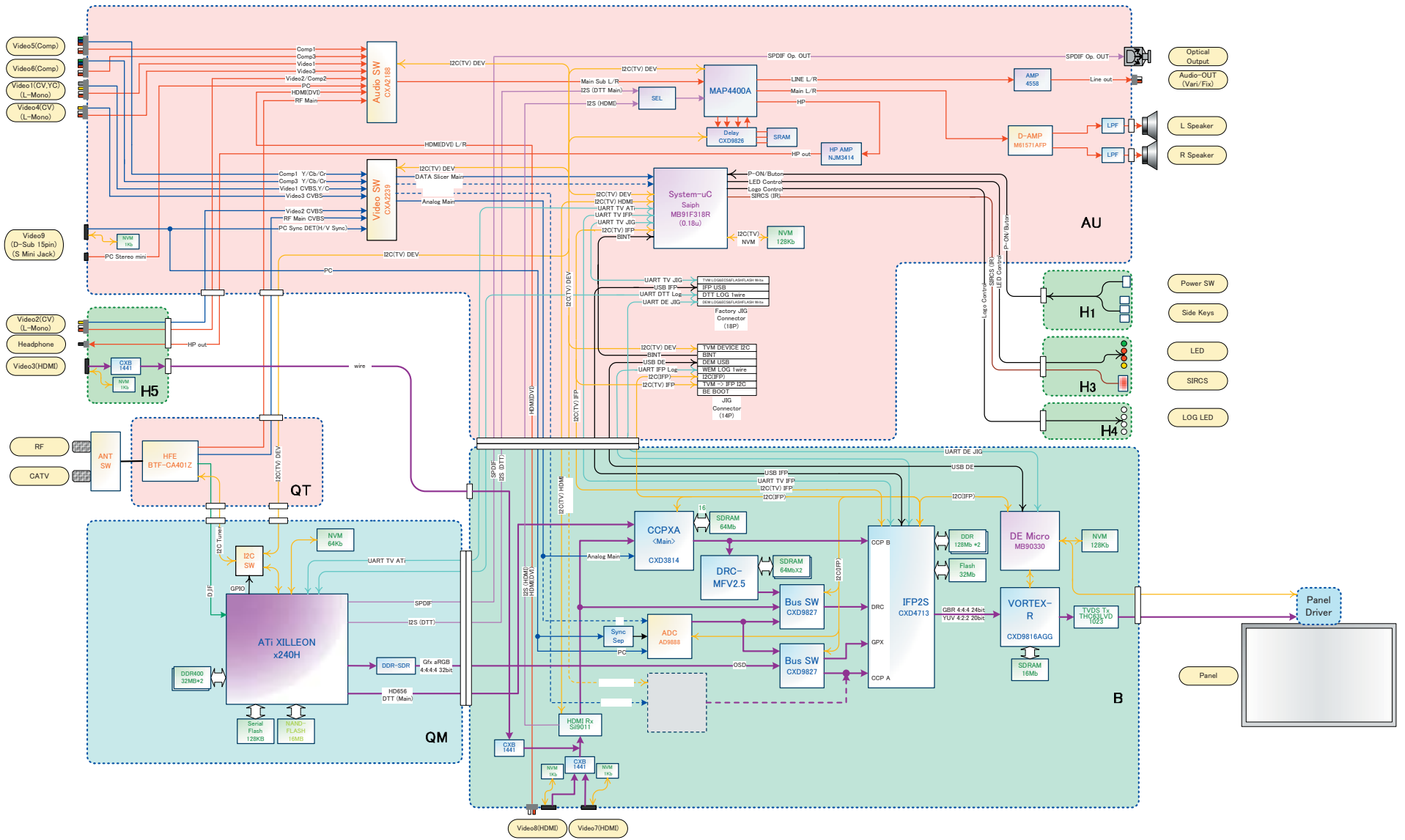
## Terminal name of semiconductors in silk screen printed circuit (※)

	Device	Printed symbol	Terminal name	Circuit
1	Transistor		Collector 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			

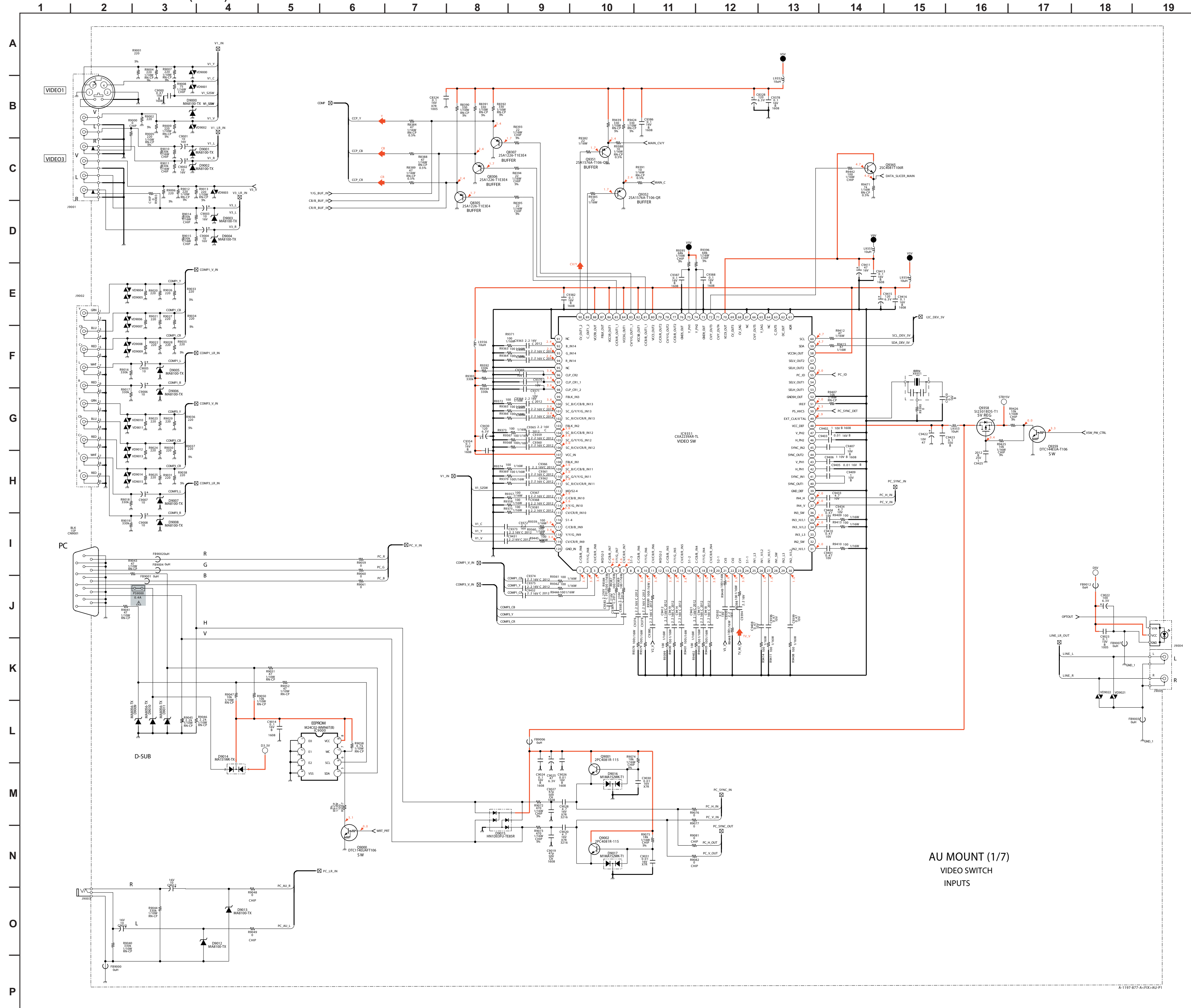
(Chip semiconductors that are not actually used are included.)

Ver.1.6

### 3-4. BLOCK DIAGRAM

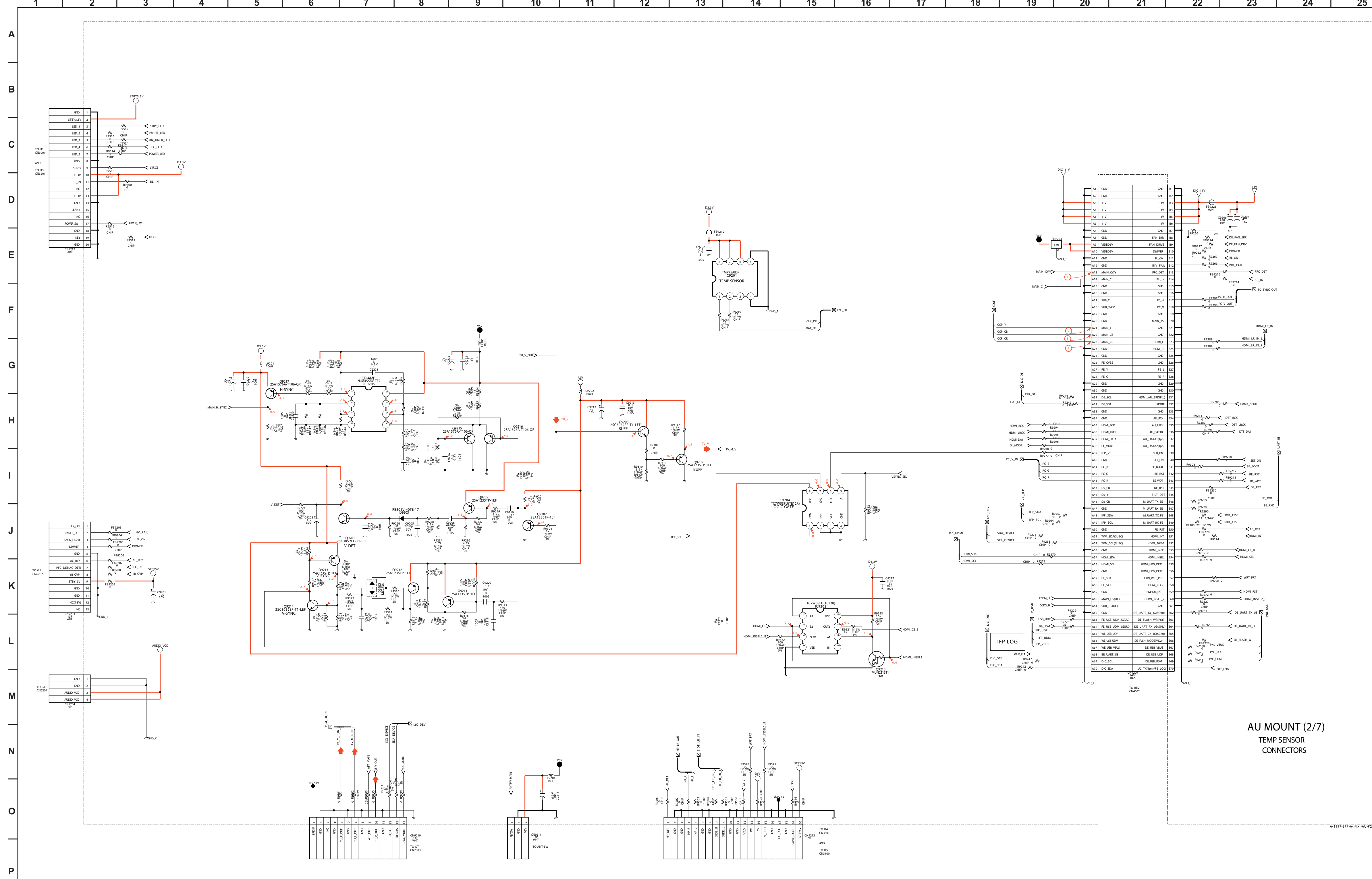


3-4. SCHEMATICS AND SUPPORTING INFORMATION  
AU BOARD SCHEMATIC DIAGRAM (1 OF 7)

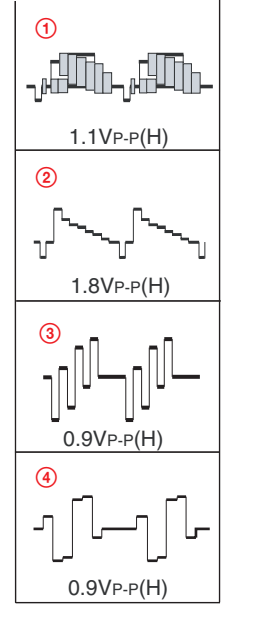


AU MOUNT (1/7)  
VIDEO SWITCH  
INPUTS

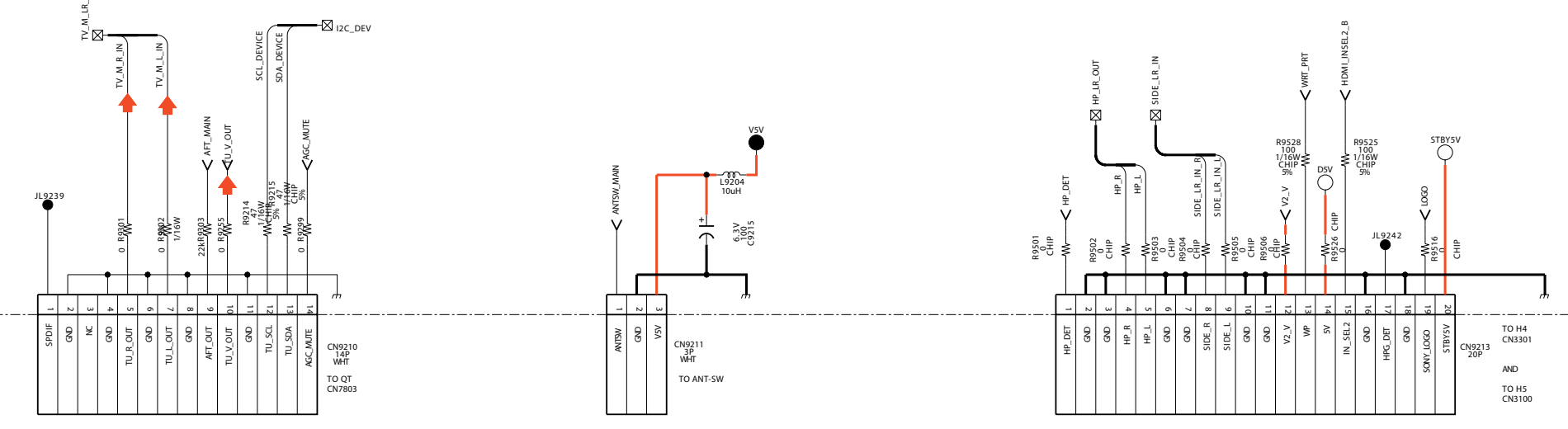
AU BOARD SCHEMATIC DIAGRAM (2 OF 7)



AU BOARD WAVEFORMS

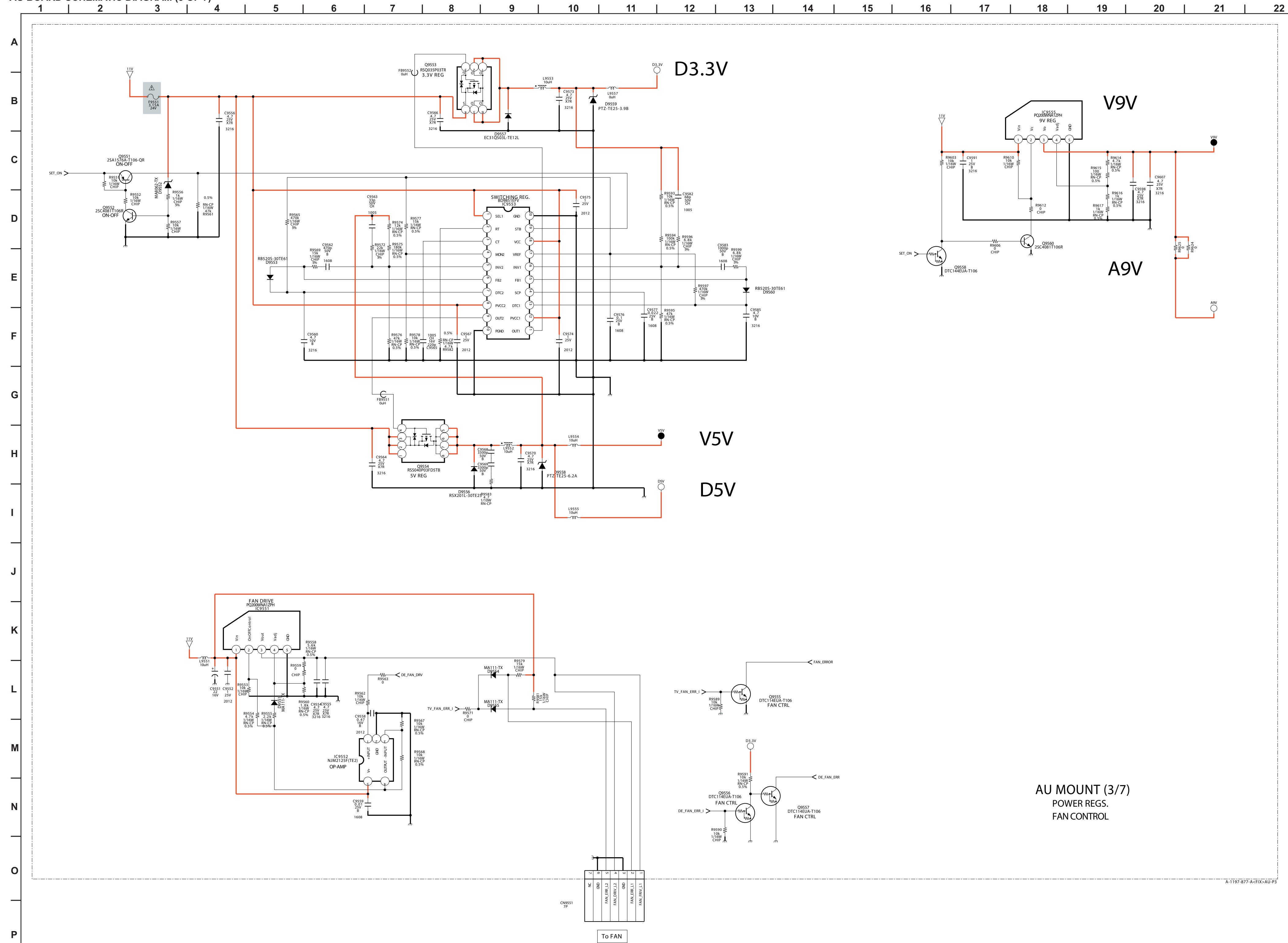


AU MOUNT (2/7)  
TEMP SENSOR  
CONNECTORS



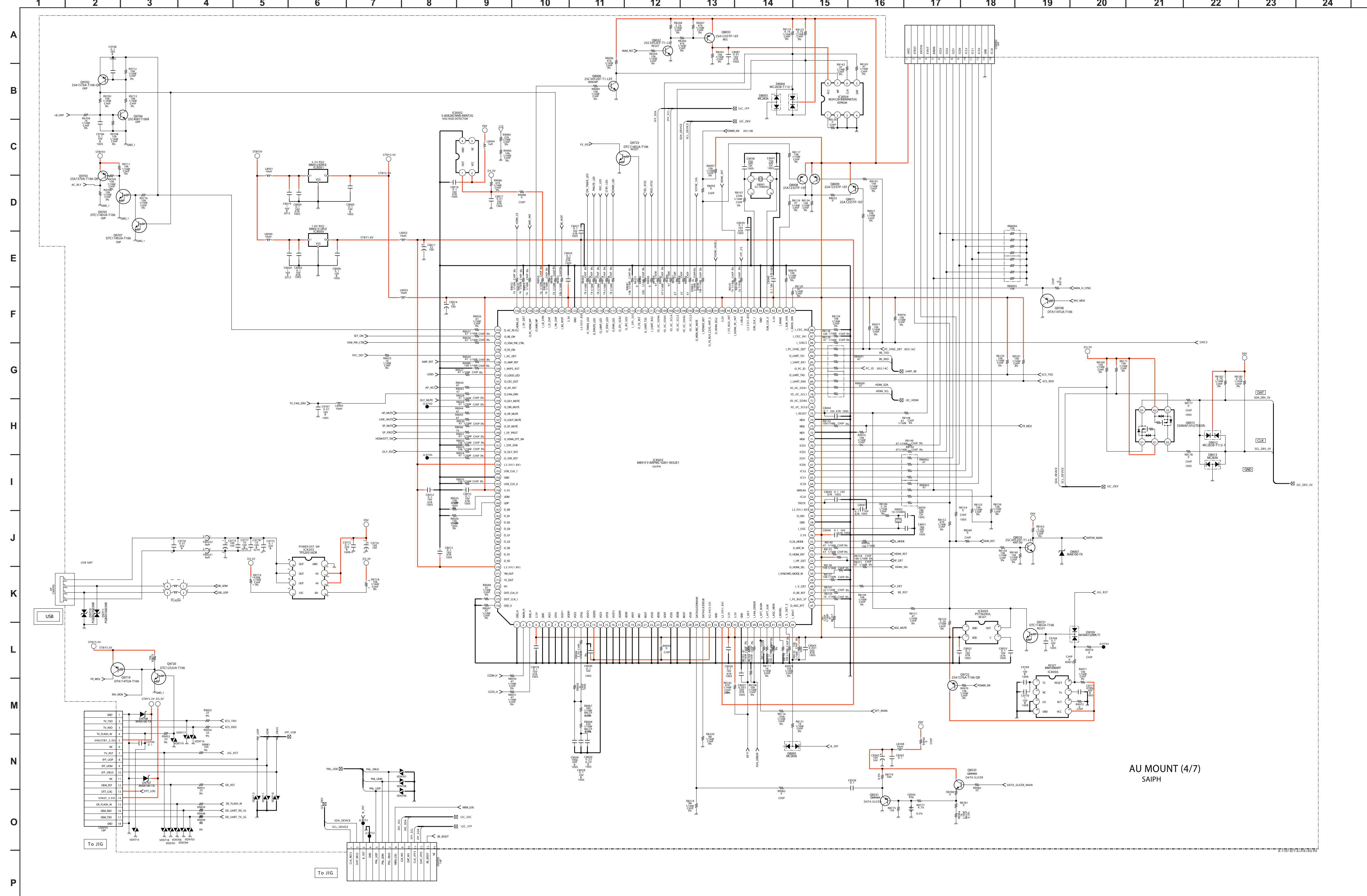


AU BOARD SCHEMATIC DIAGRAM (3 OF 7)



AU MOUNT (3/7)  
POWER REGS.  
FAN CONTROL

AU BOARD SCHEMATIC DIAGRAM (4 OF 7)

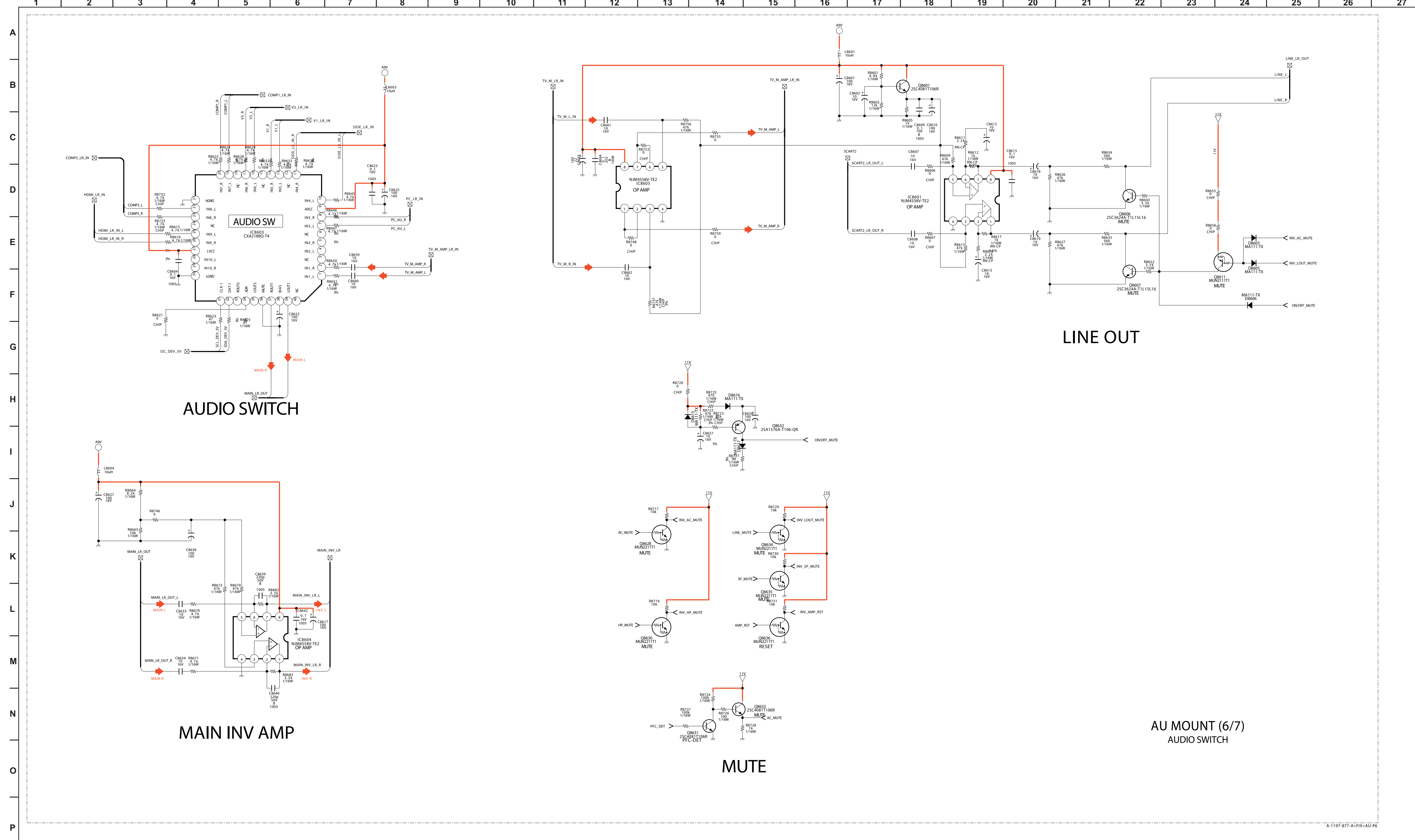


AU MOUNT (4/7)  
SAIPH





AU BOARD SCHEMATIC DIAGRAM (6 OF 7)



AUDIO SWITCH

MAIN INV AMP

LINE OUT

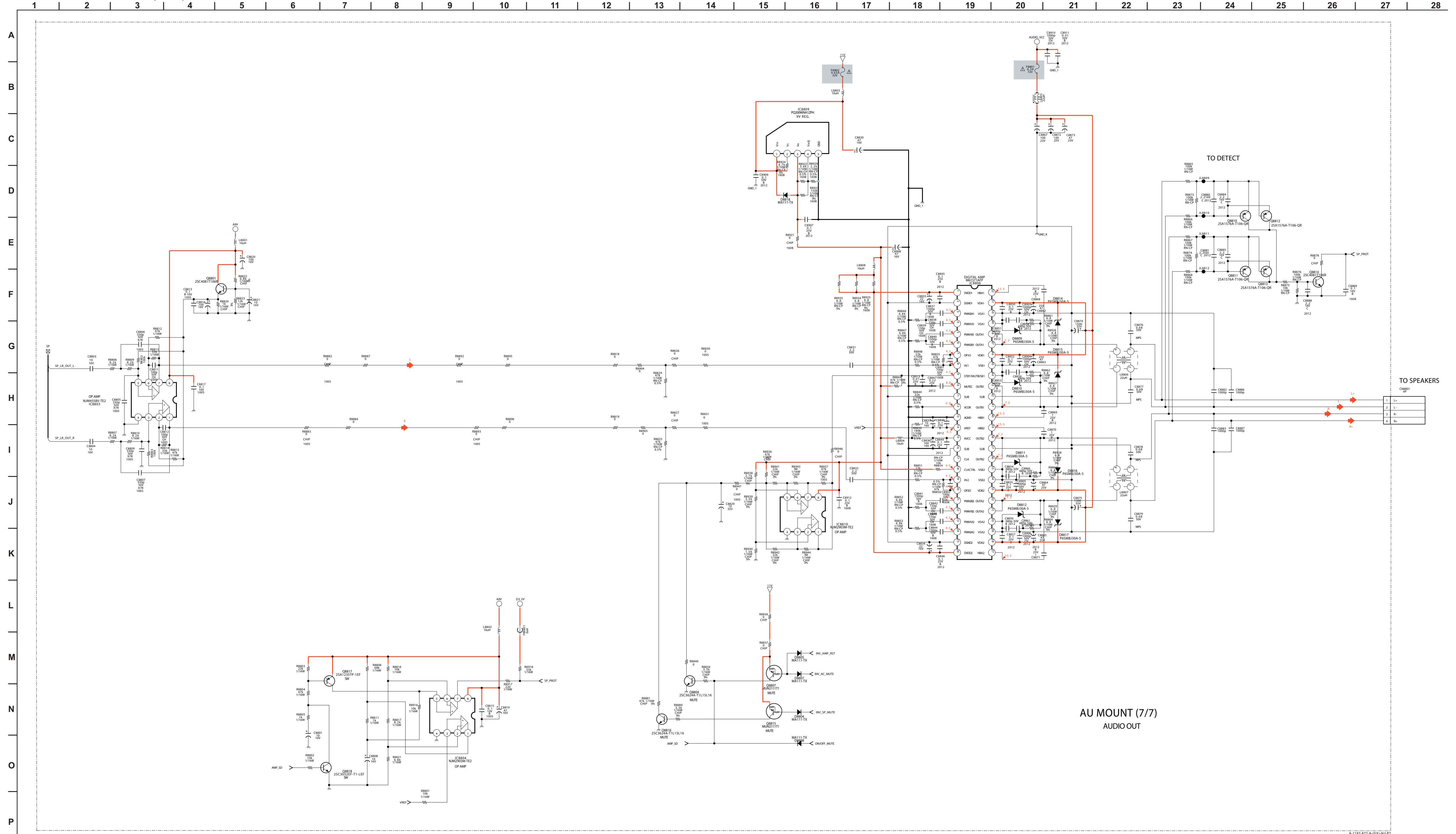
AU MOUNT (6/7)  
AUDIO SWITCH

MUTE

A-1197-677-A-FIX-AU-P6



AU BOARD SCHEMATIC DIAGRAM (7 OF 7)

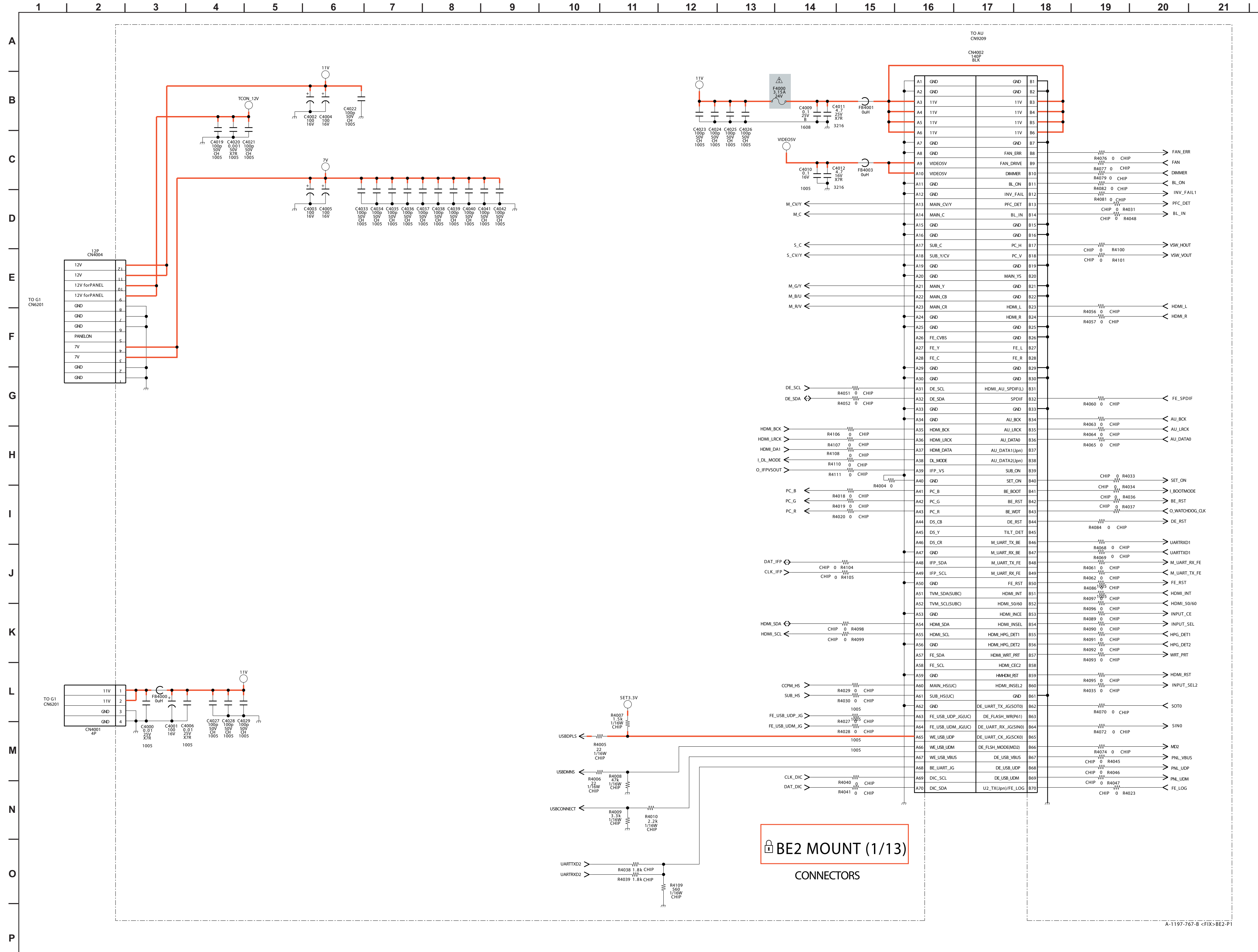








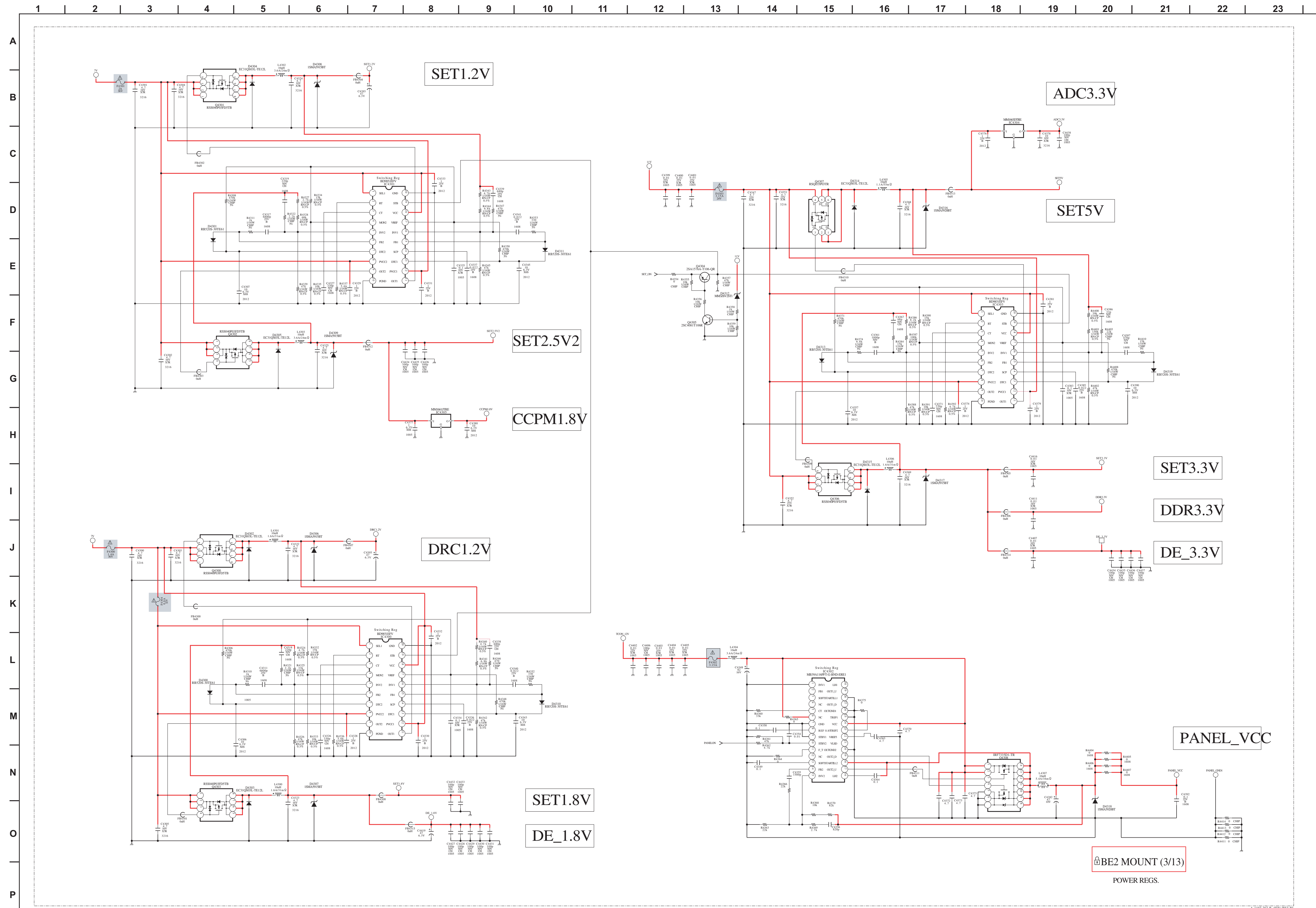
BE2 BOARD SCHEMATIC DIAGRAM (1 OF 13)





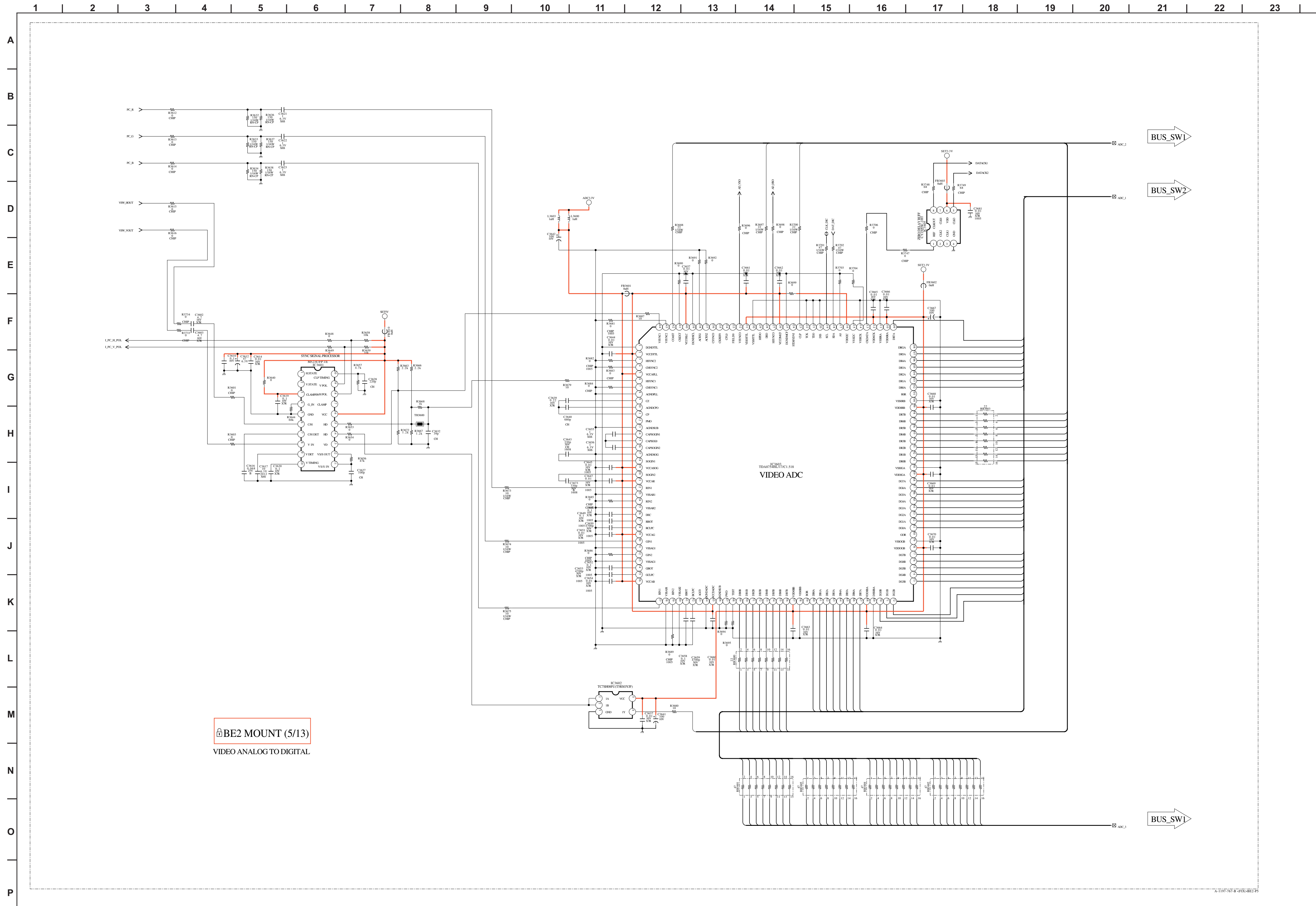


BE2 BOARD SCHEMATIC DIAGRAM (3 OF 13)



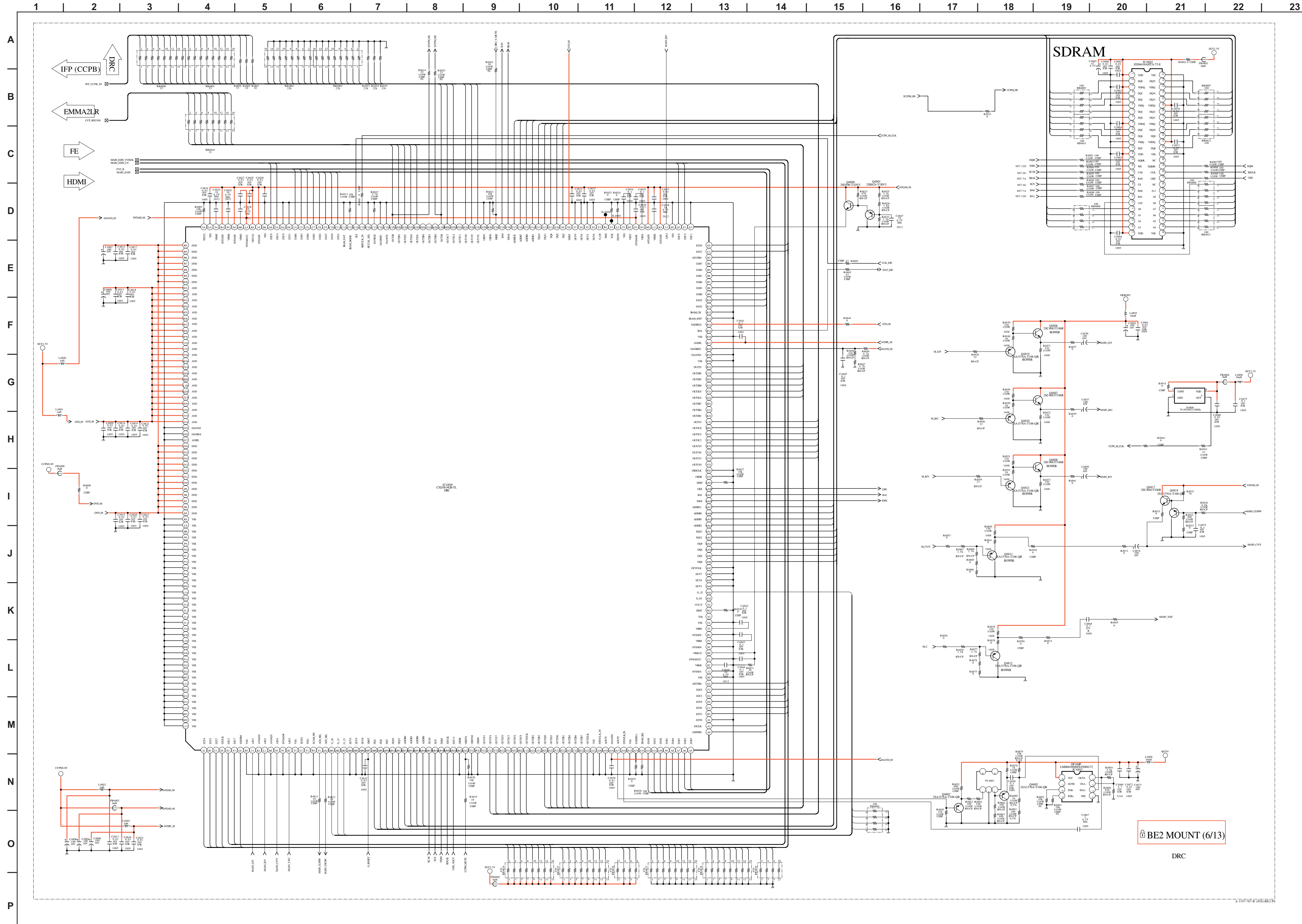


BE2 BOARD SCHEMATIC DIAGRAM (5 OF 13)

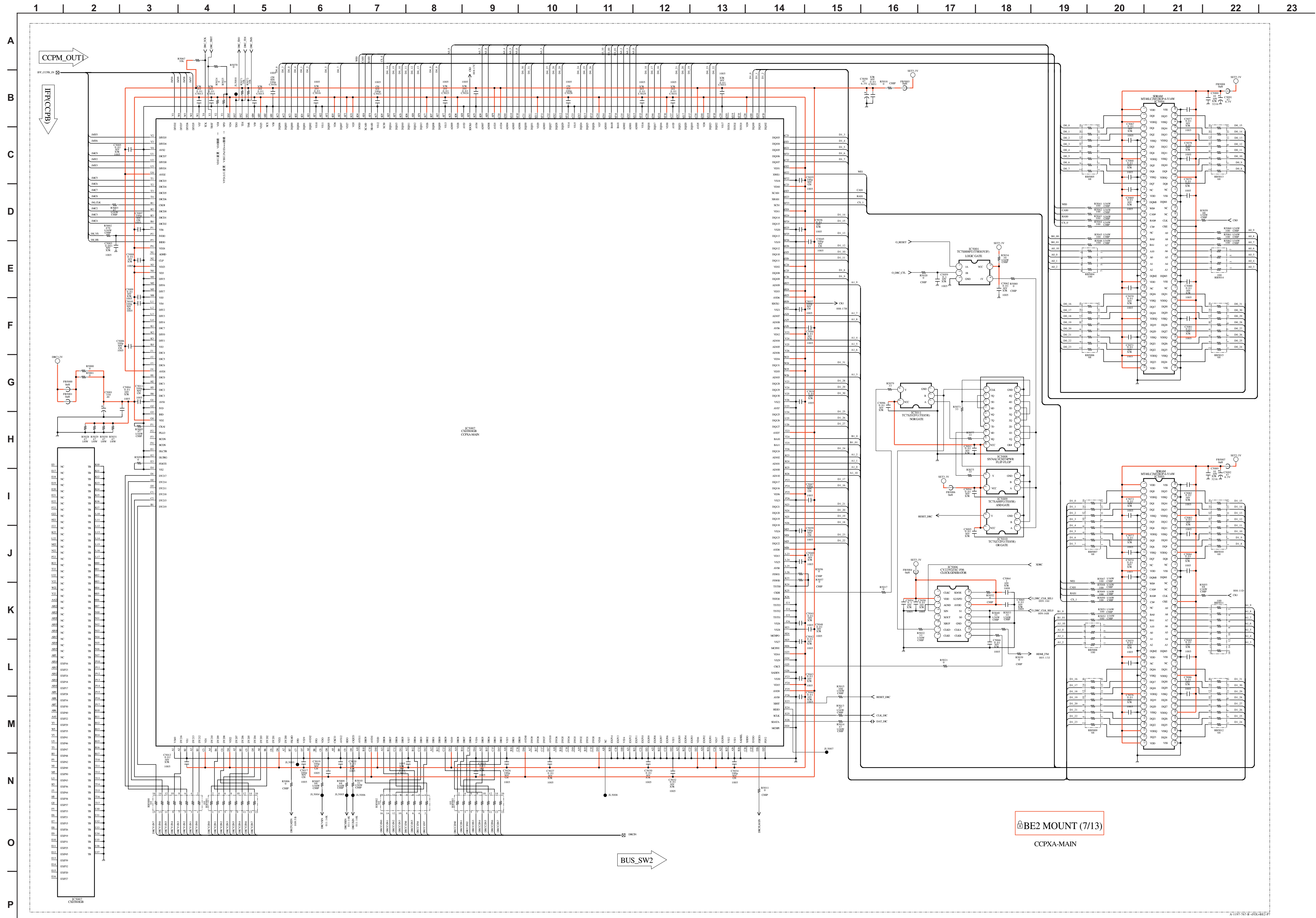




BE2 BOARD SCHEMATIC DIAGRAM (6 OF 13)



BE2 BOARD SCHEMATIC DIAGRAM (7 OF 13)

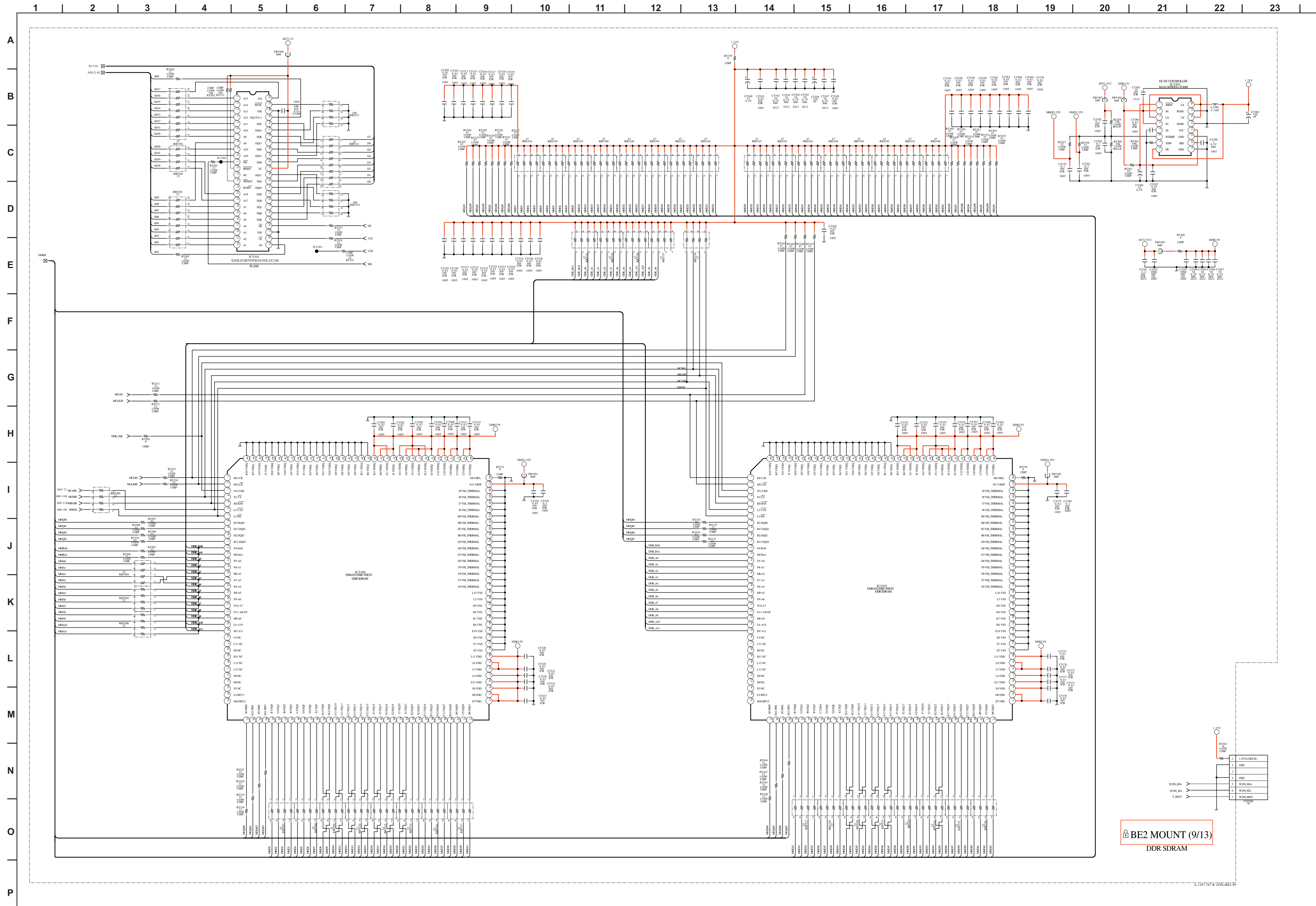


BE2 MOUNT (7/13)  
CCPXA-MAIN





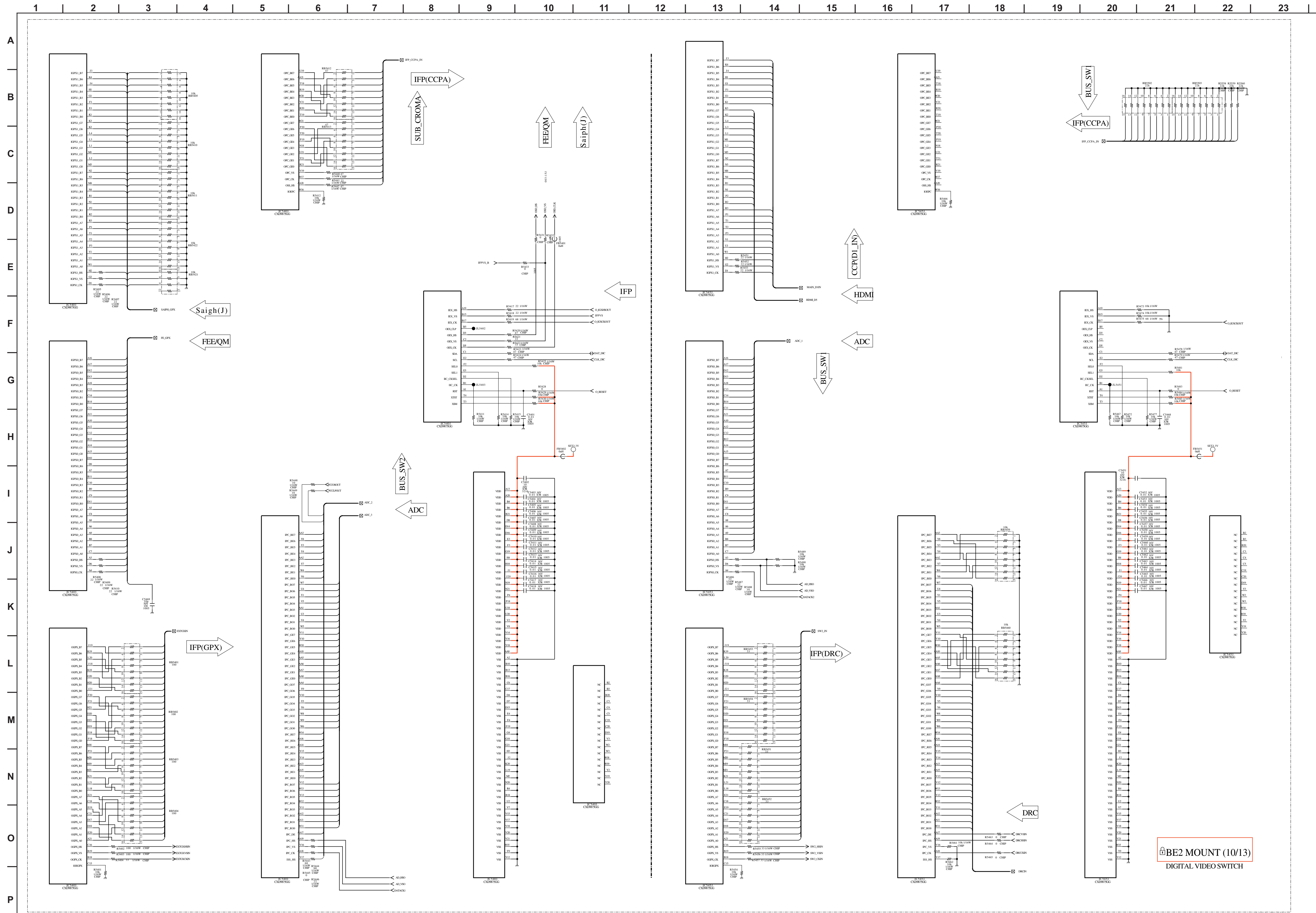
BE2 BOARD SCHEMATIC DIAGRAM (9 OF 13)



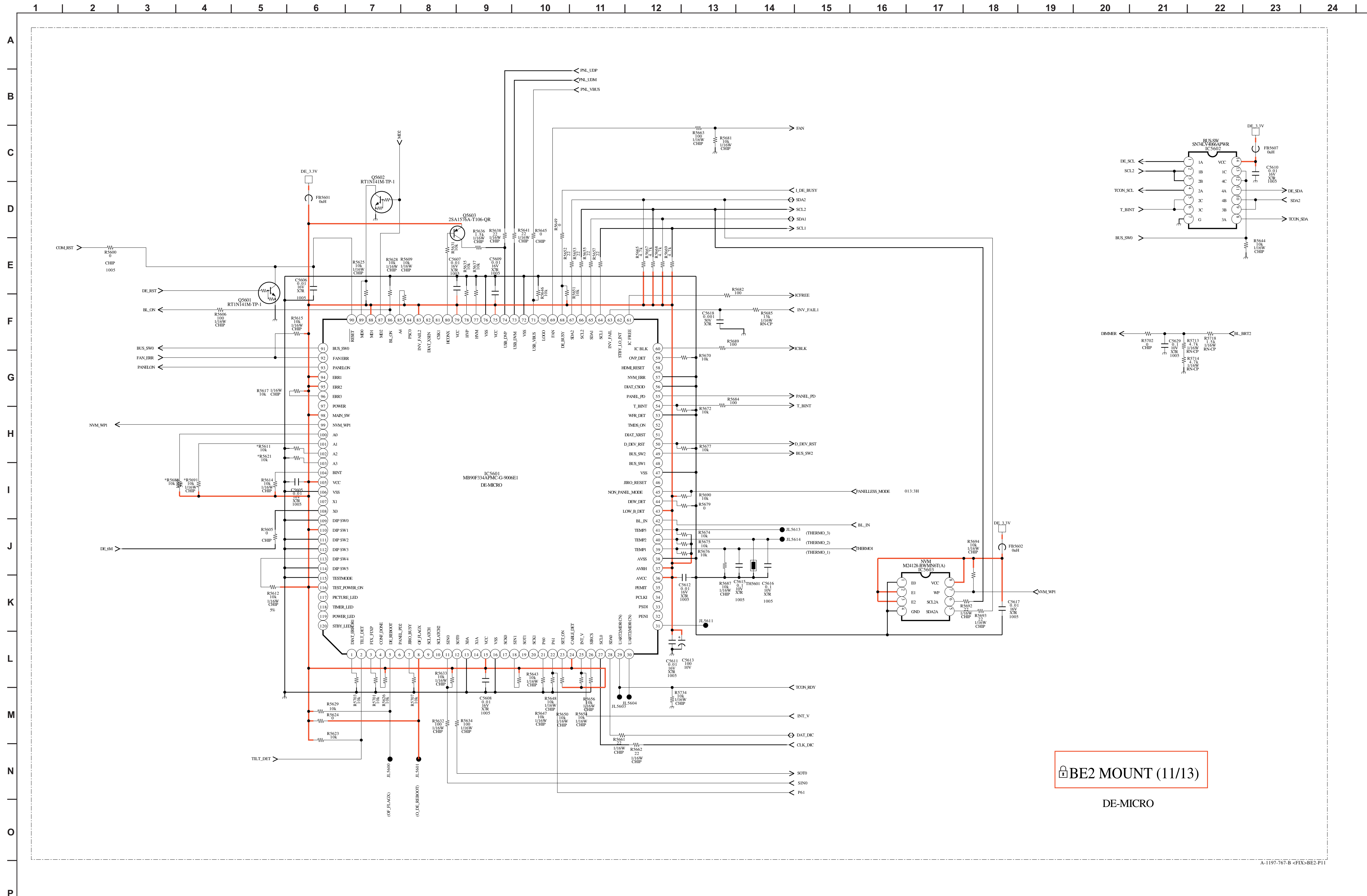
BE2 MOUNT (9/13)  
DDR SDRAM



BE2 BOARD SCHEMATIC DIAGRAM (10 OF 13)



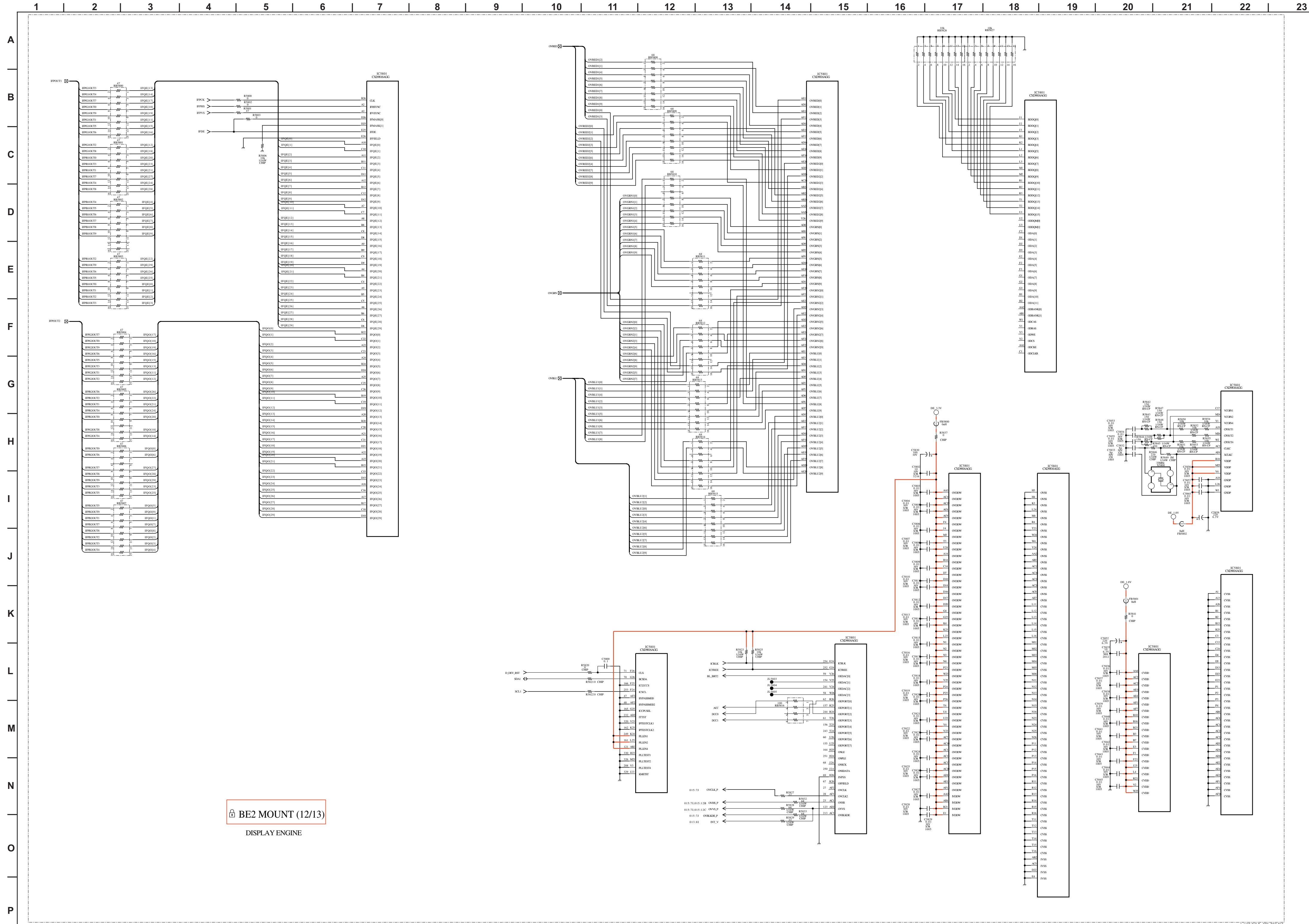
BE2 BOARD SCHEMATIC DIAGRAM (11 OF 13)



BE2 MOUNT (11/13)  
DE-MICRO

A-1197-767-B <FIX>BE2-P11

BE2 BOARD SCHEMATIC DIAGRAM (12 OF 13)



BE2 MOUNT (12/13)  
DISPLAY ENGINE

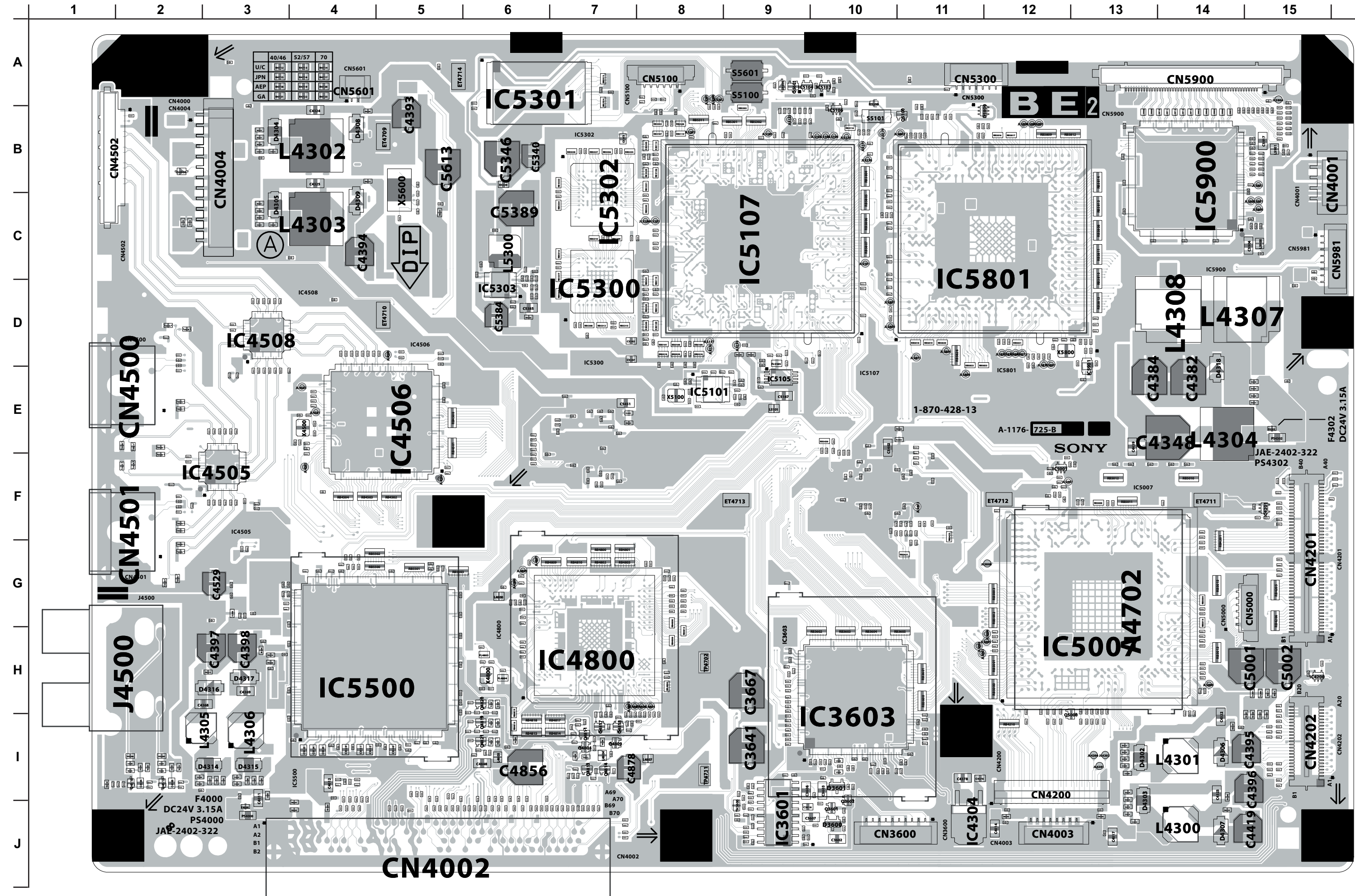






**BE2**

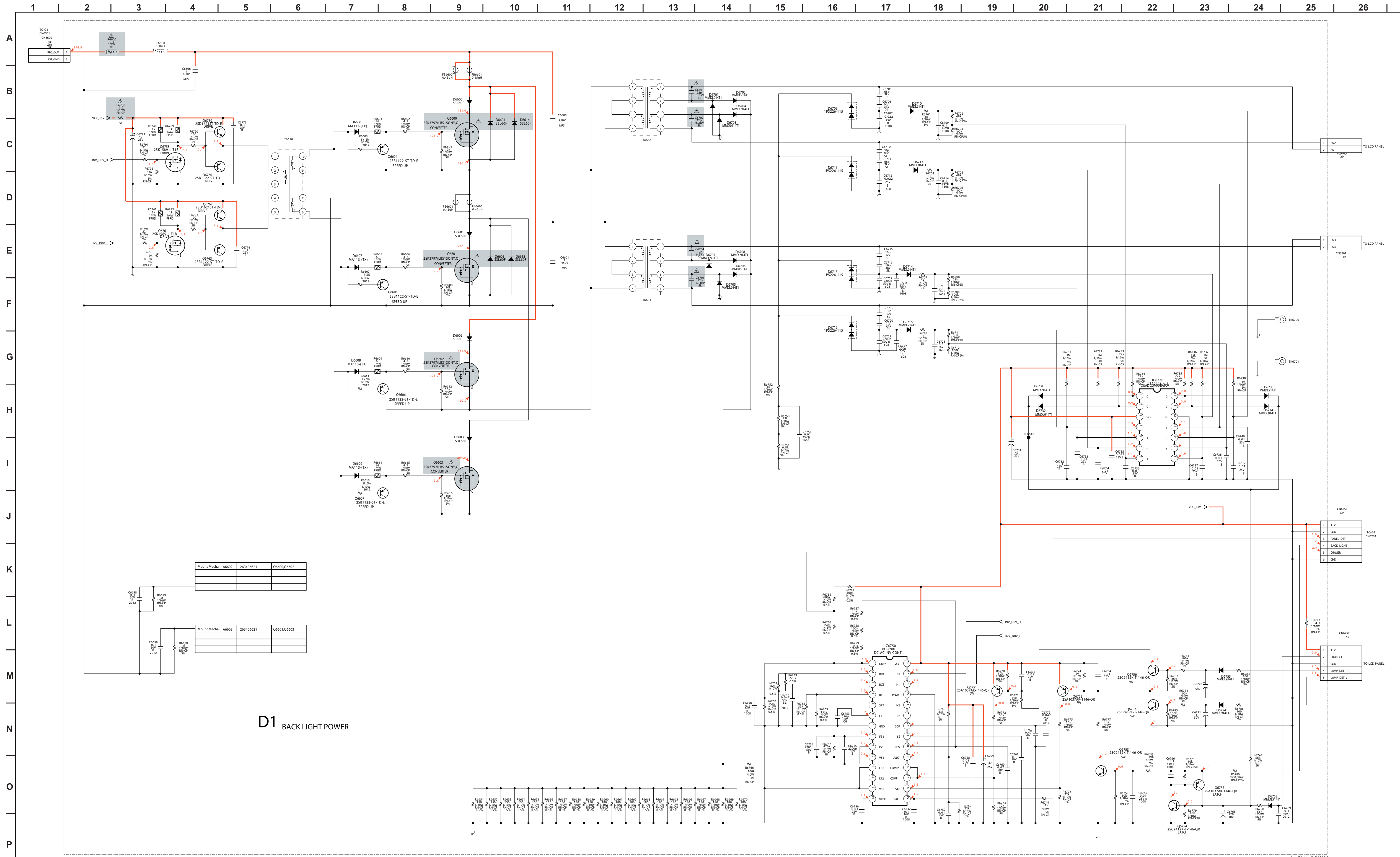
[CONNECTORS, POWER REGS, HDMI, VIDEO ANALOG TO DIGITAL, DRC, CCPXA-MAIN, VIDEO PROCESSOR, DDR SDRAM, DIGITAL VIDEO SWITCH, DE MICRO, DISPLAY ENGINE, LVDS TRANSMITTER]  
COMPONENT SIDE







D1 BOARD SCHEMATIC DIAGRAM (KDL-40XBR2 ONLY)

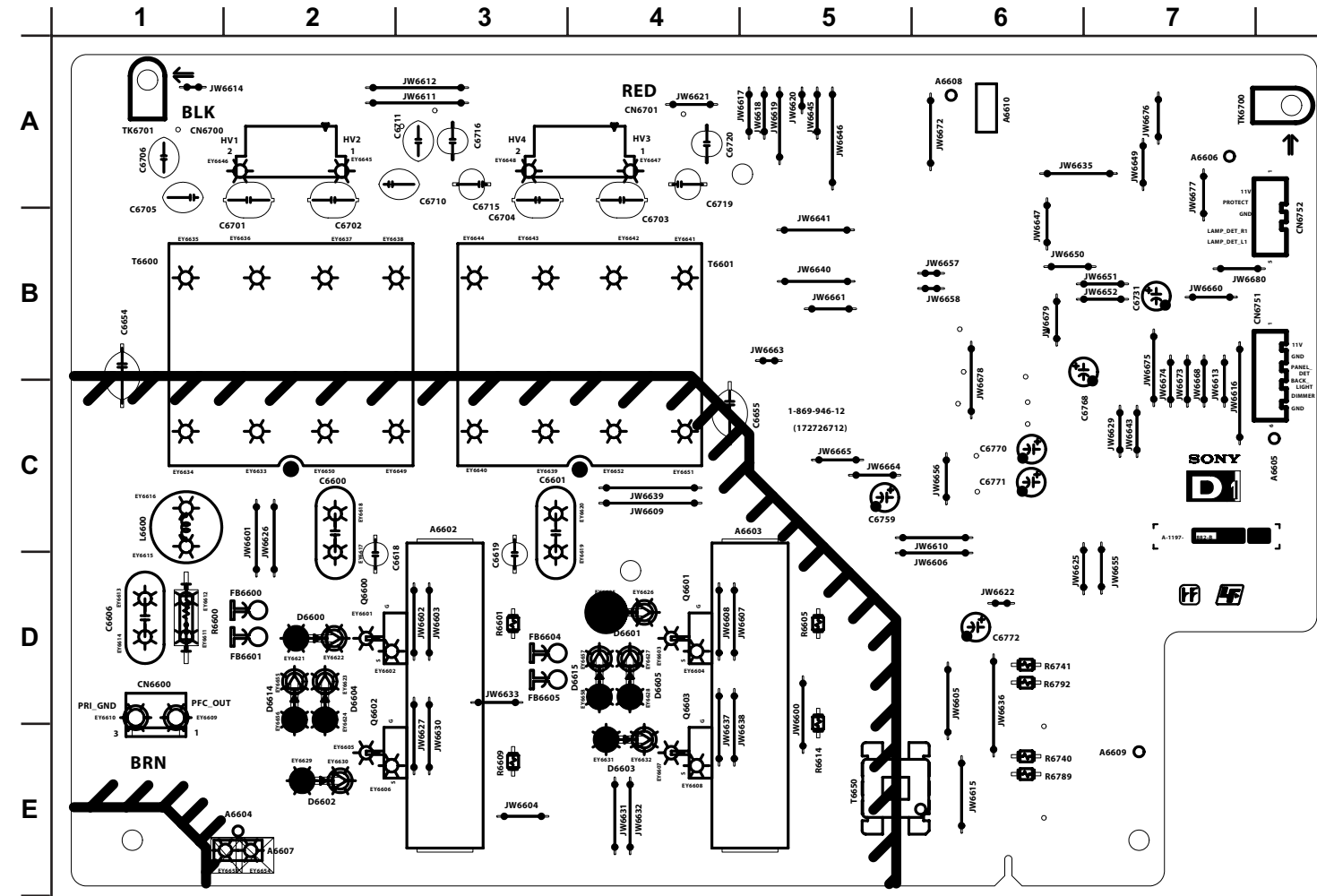


D1 BACK LIGHT POWER

Mount Mecha	A6602	263406621	O6600,O6602
Mount Mecha	A6601	263406621	O6601,O6601

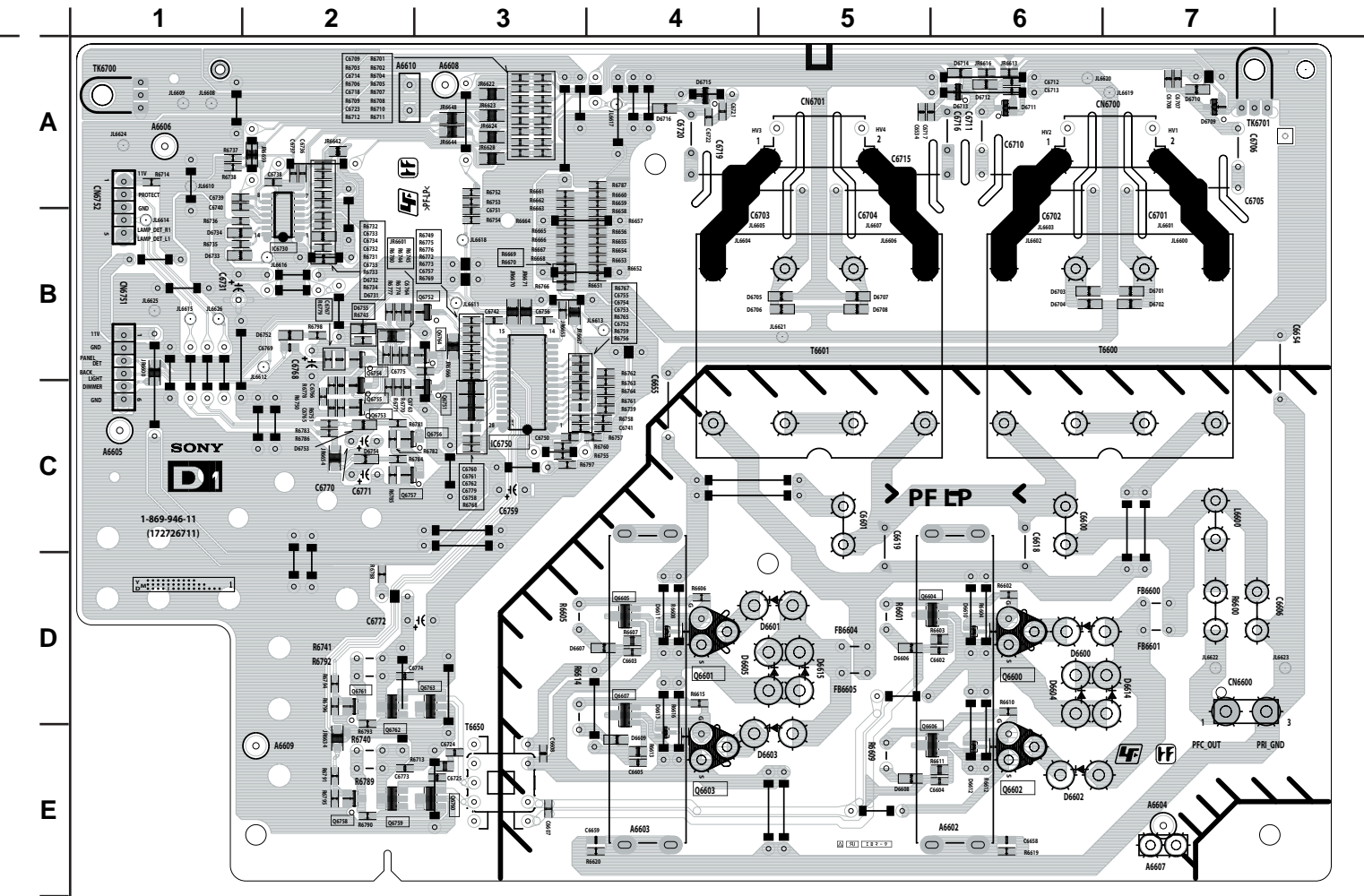
D1

[BACK LIGHT POWER]  
COMPONENT SIDE (KDL-40XBR2 ONLY)



D1

[BACK LIGHT POWER]  
CONDUCTOR SIDE (KDL-40XBR2 ONLY)

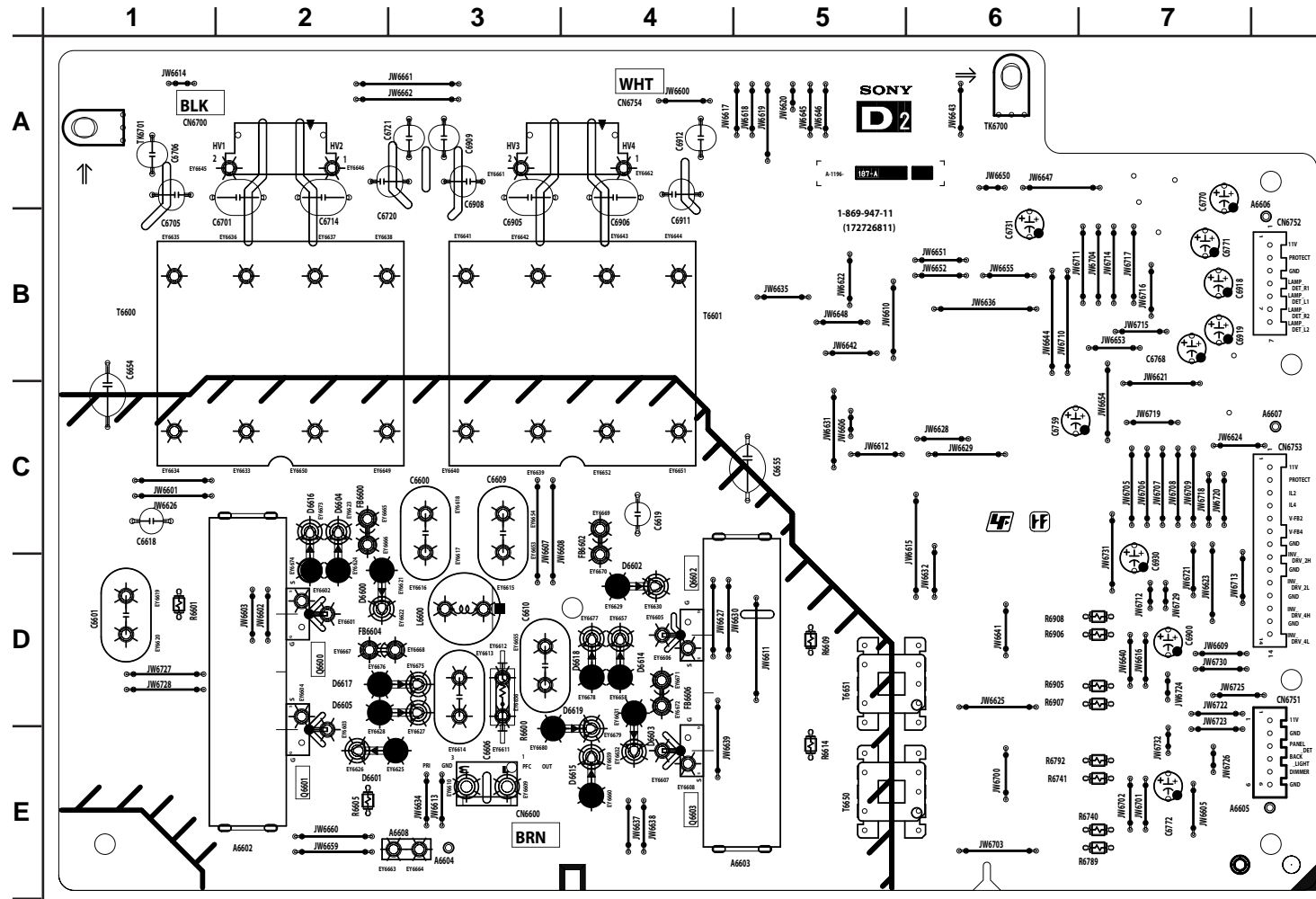






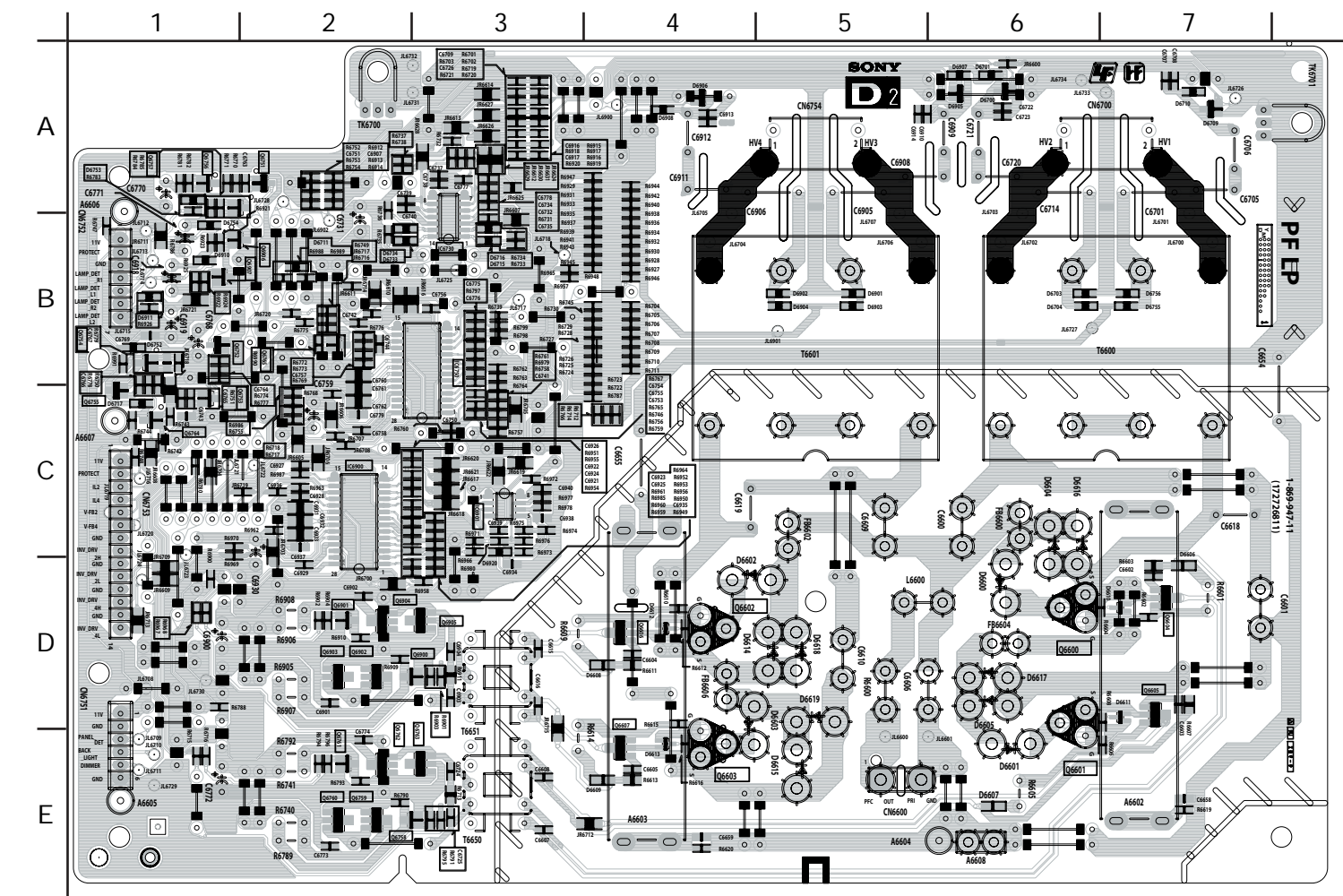
D2

[BACK LIGHT POWER]  
COMPONENT SIDE (KDL-46XBR2 ONLY)

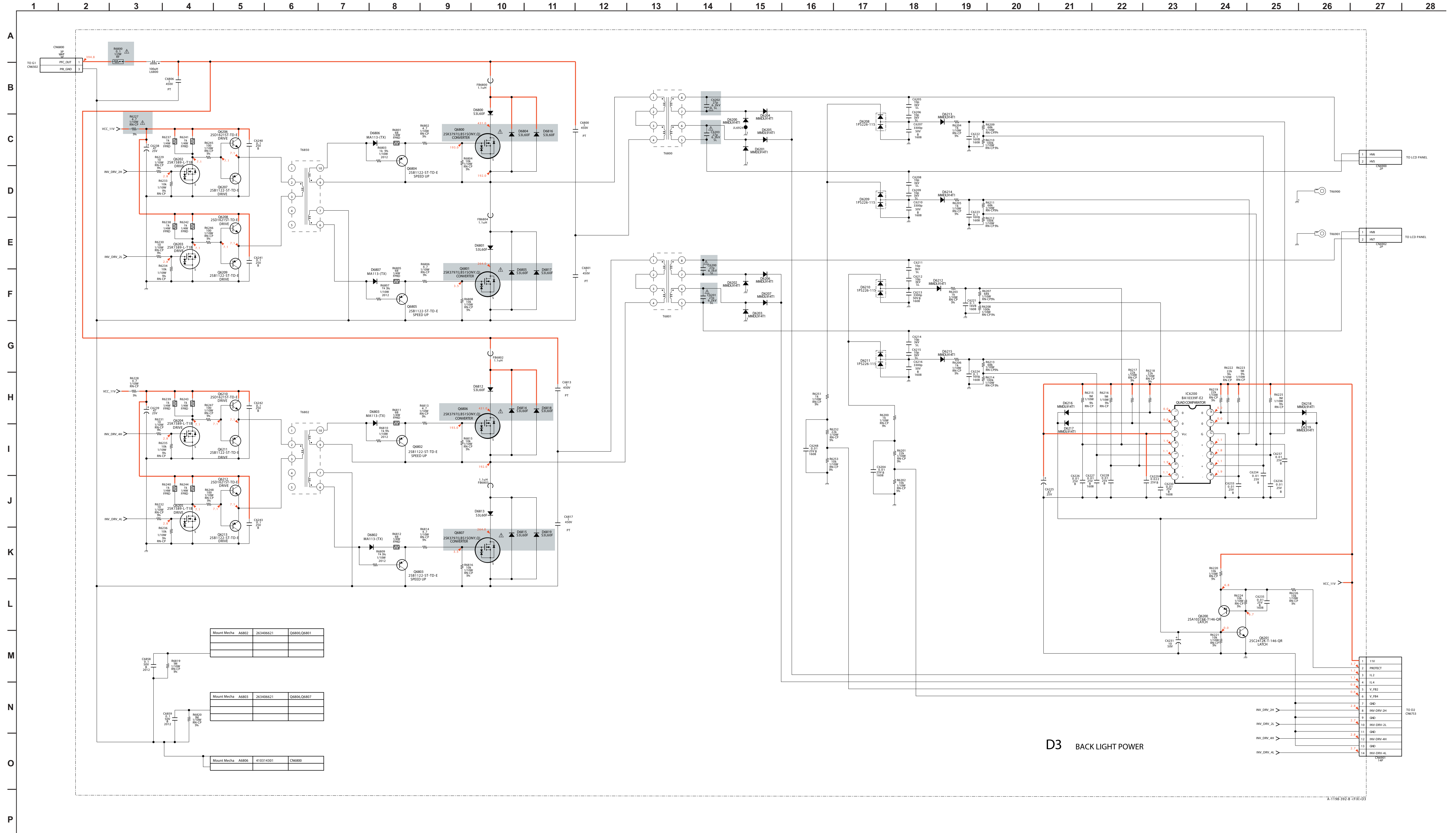


D2

[BACK LIGHT POWER]  
CONDUCTOR SIDE (KDL-46XBR2 ONLY)



D3 BOARD SCHEMATIC DIAGRAM (KDL-46XBR2 ONLY)



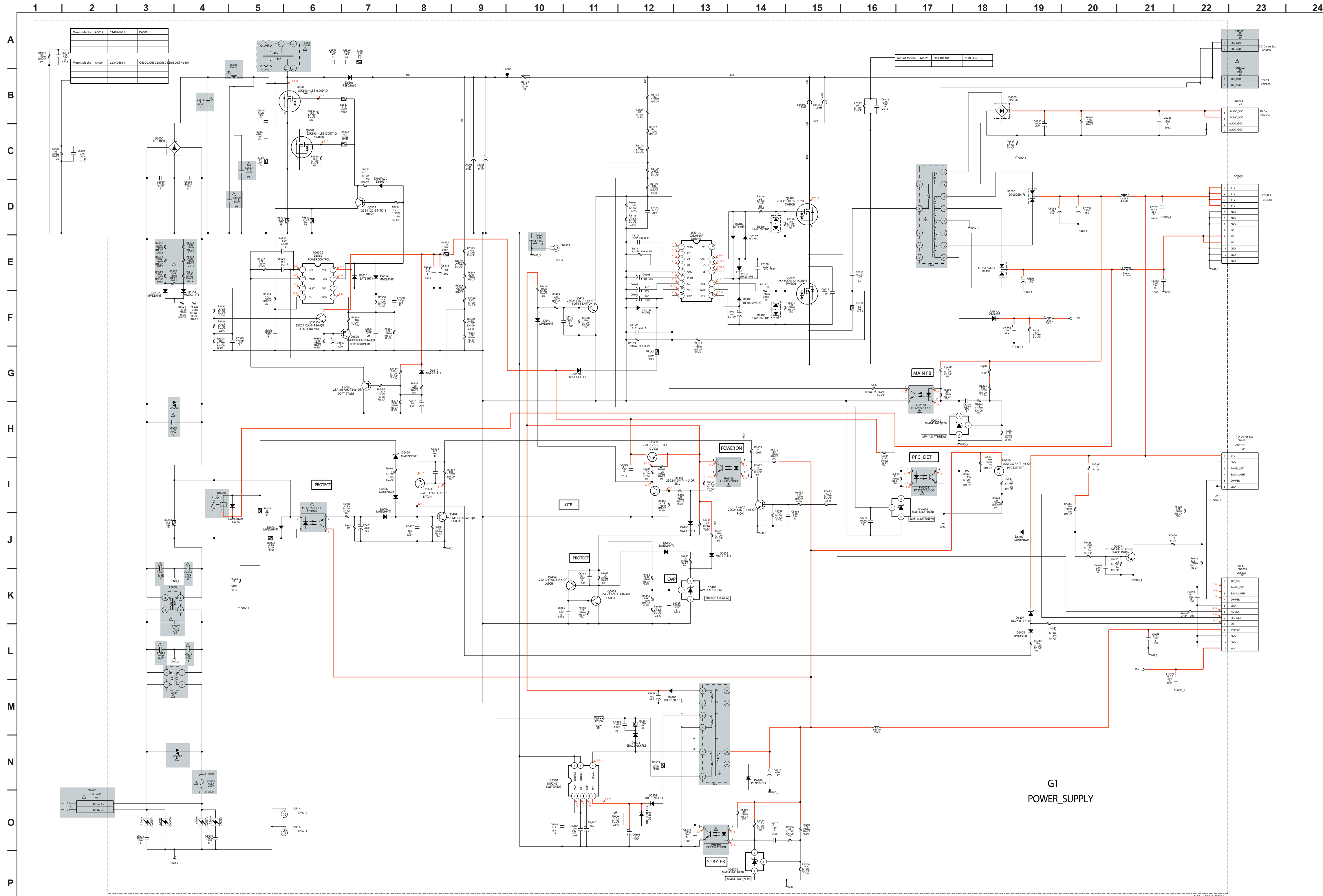
D3 BACK LIGHT POWER







G1 BOARD SCHEMATIC DIAGRAM



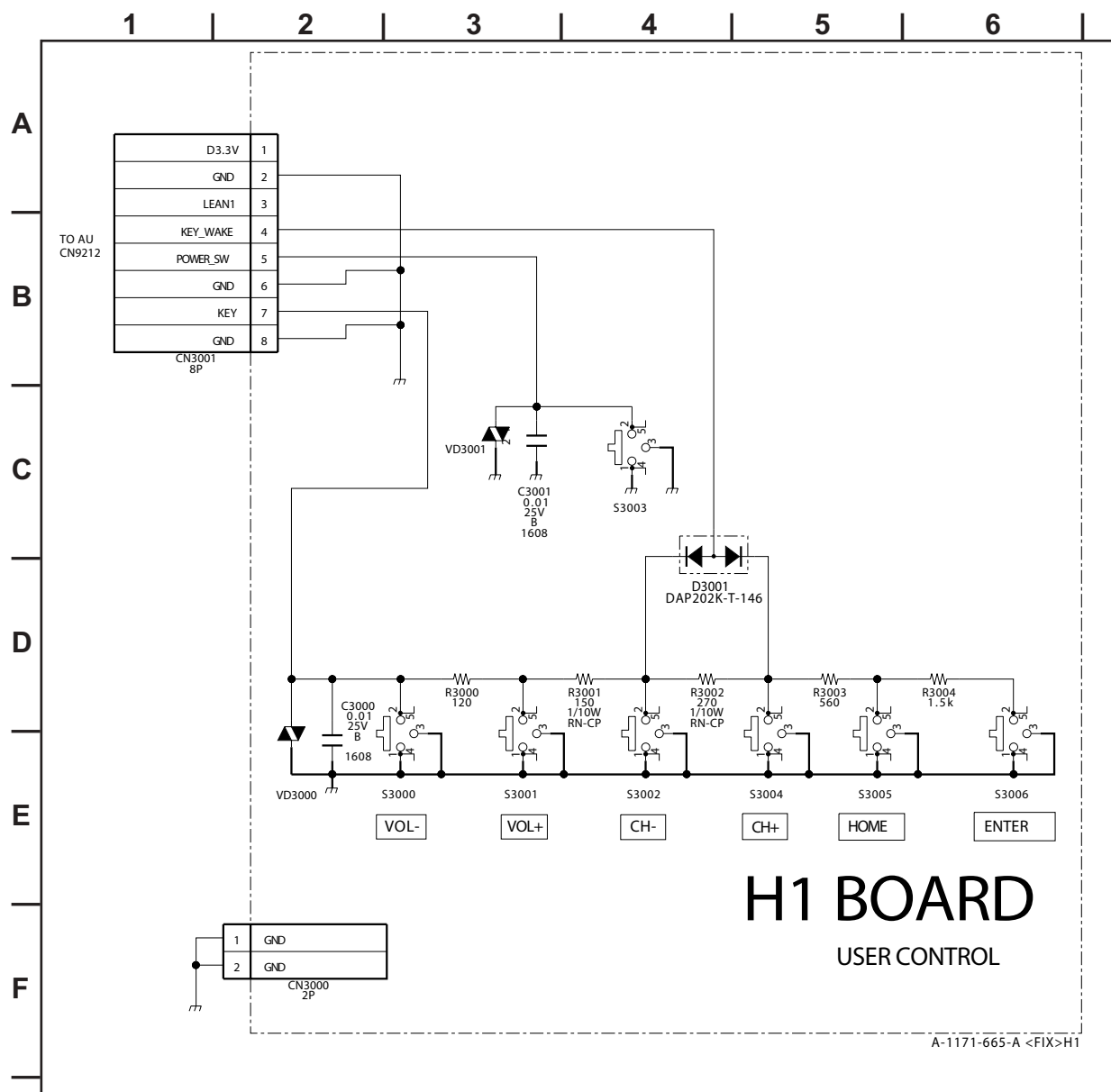
G1  
POWER\_SUPPLY





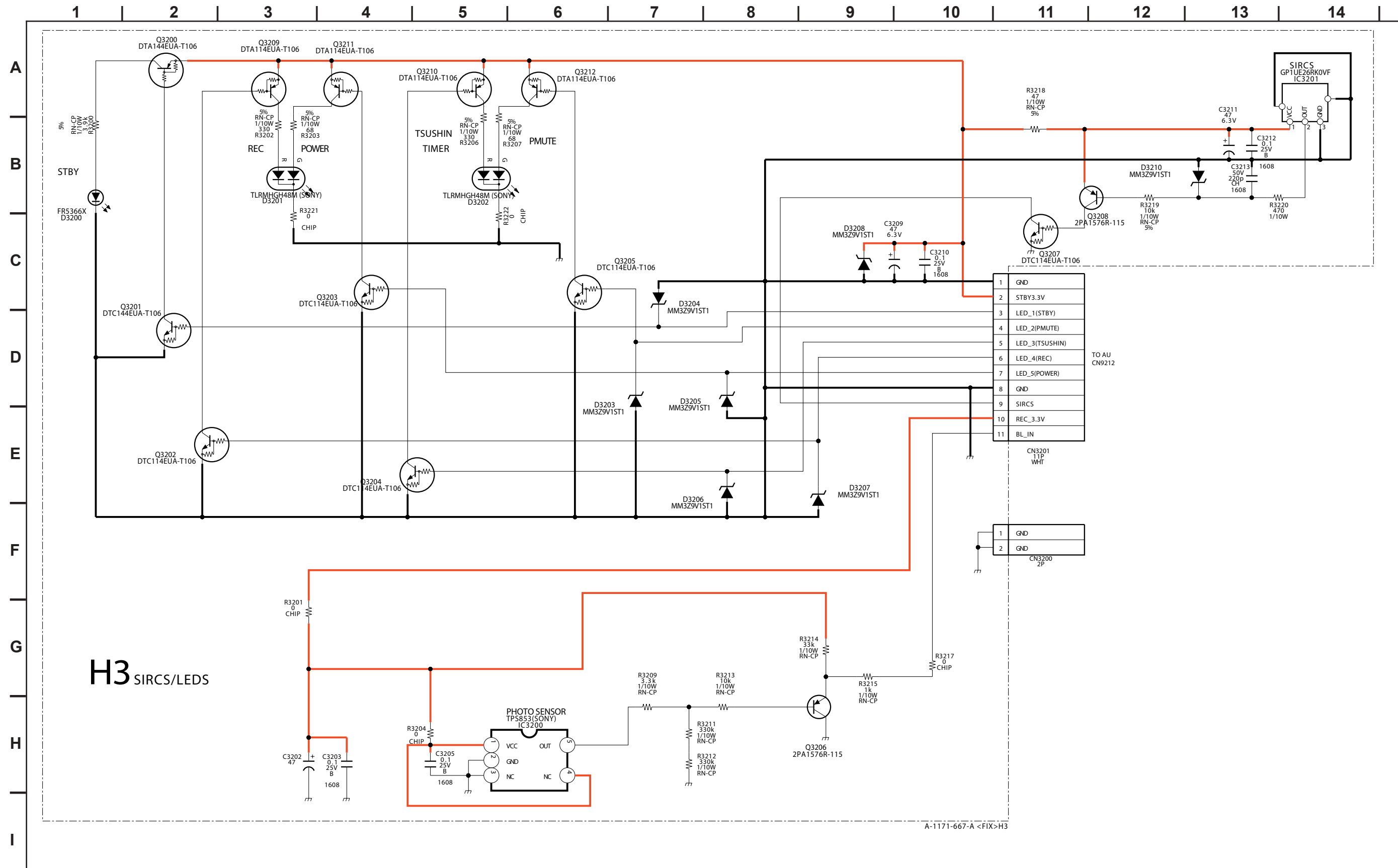


# H1 BOARD SCHEMATIC DIAGRAM





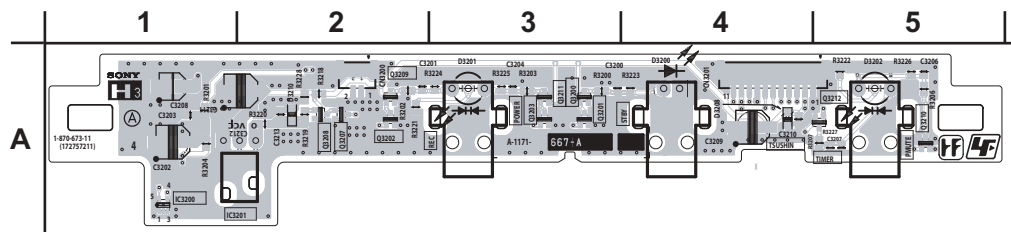
### H3 BOARD SCHEMATIC DIAGRAM



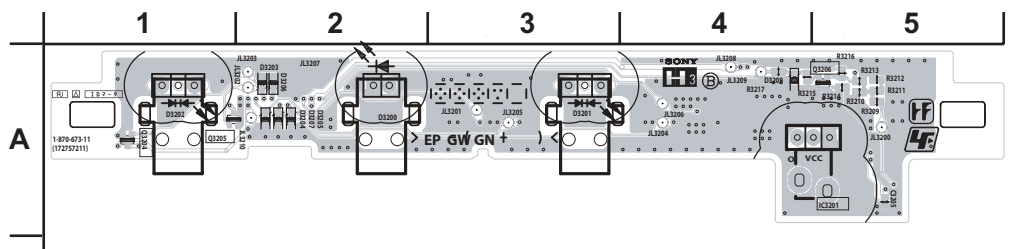
A-1171-667-A <FIX>H3



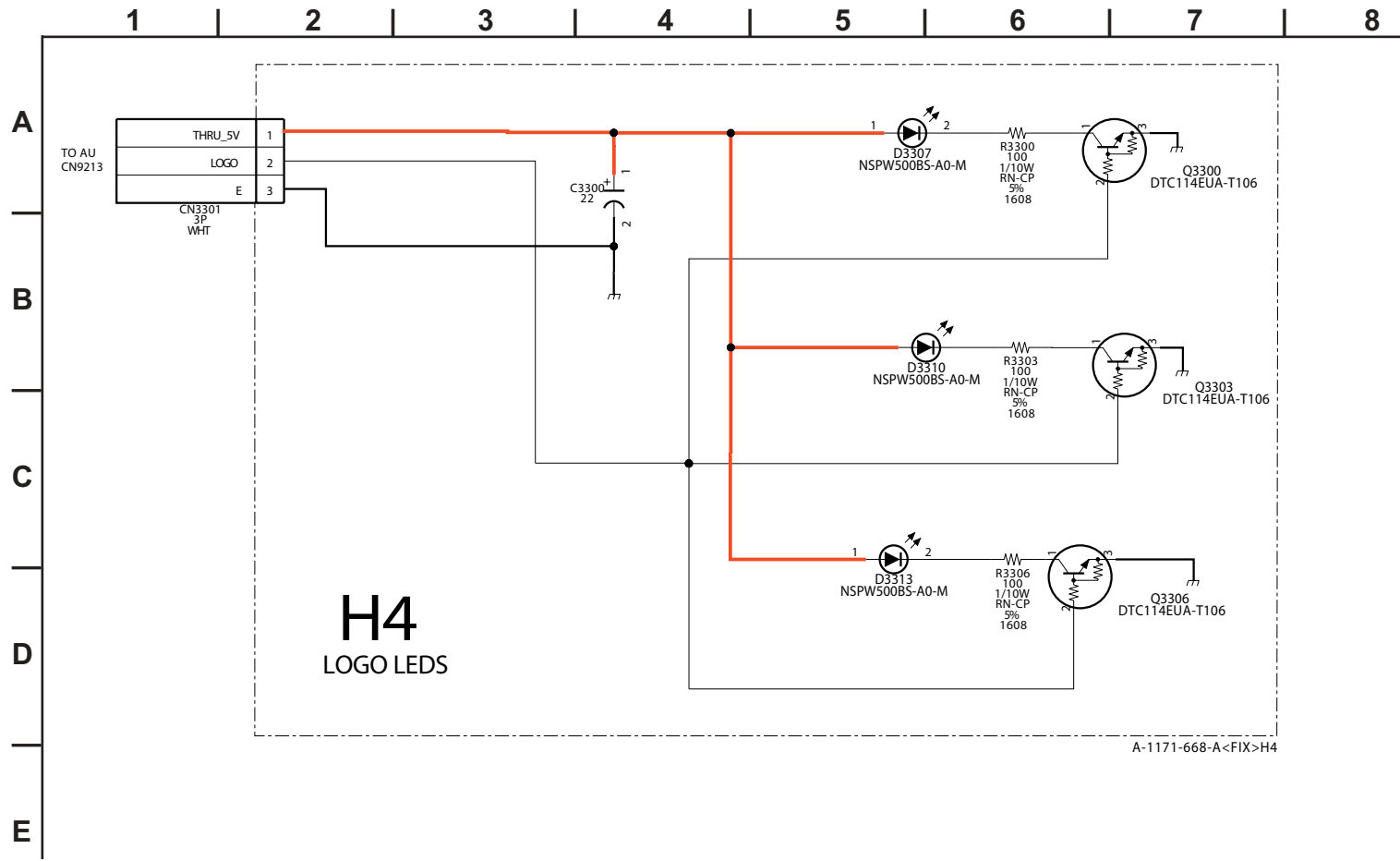
# H3 [SIRCS, LEDS] COMPONENT SIDE



# H3 [SIRCS, LEDS] CONDUCTOR SIDE

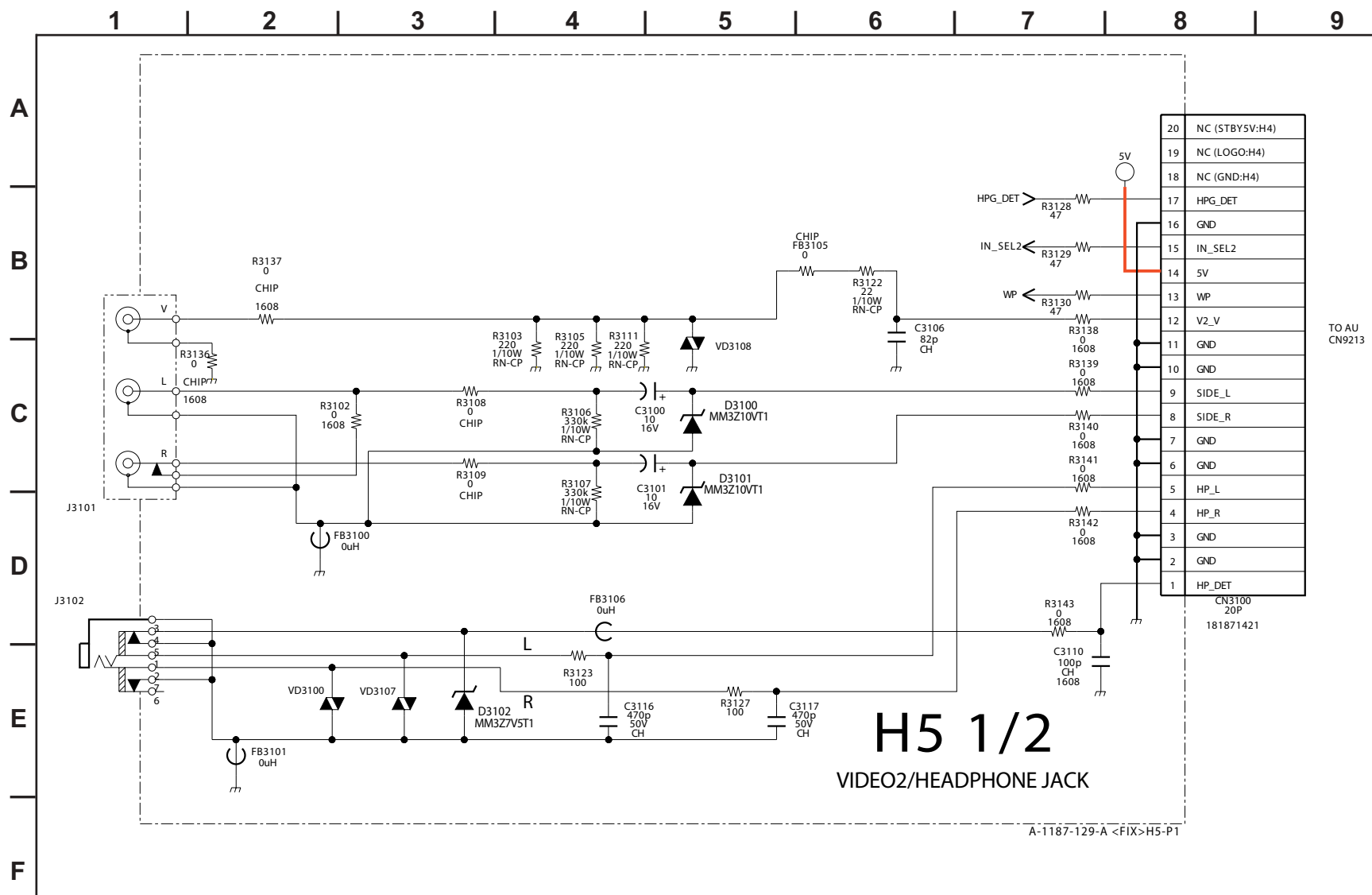


### H4 BOARD SCHEMATIC DIAGRAM





### H5 BOARD SCHEMATIC DIAGRAM (1 OF 2)

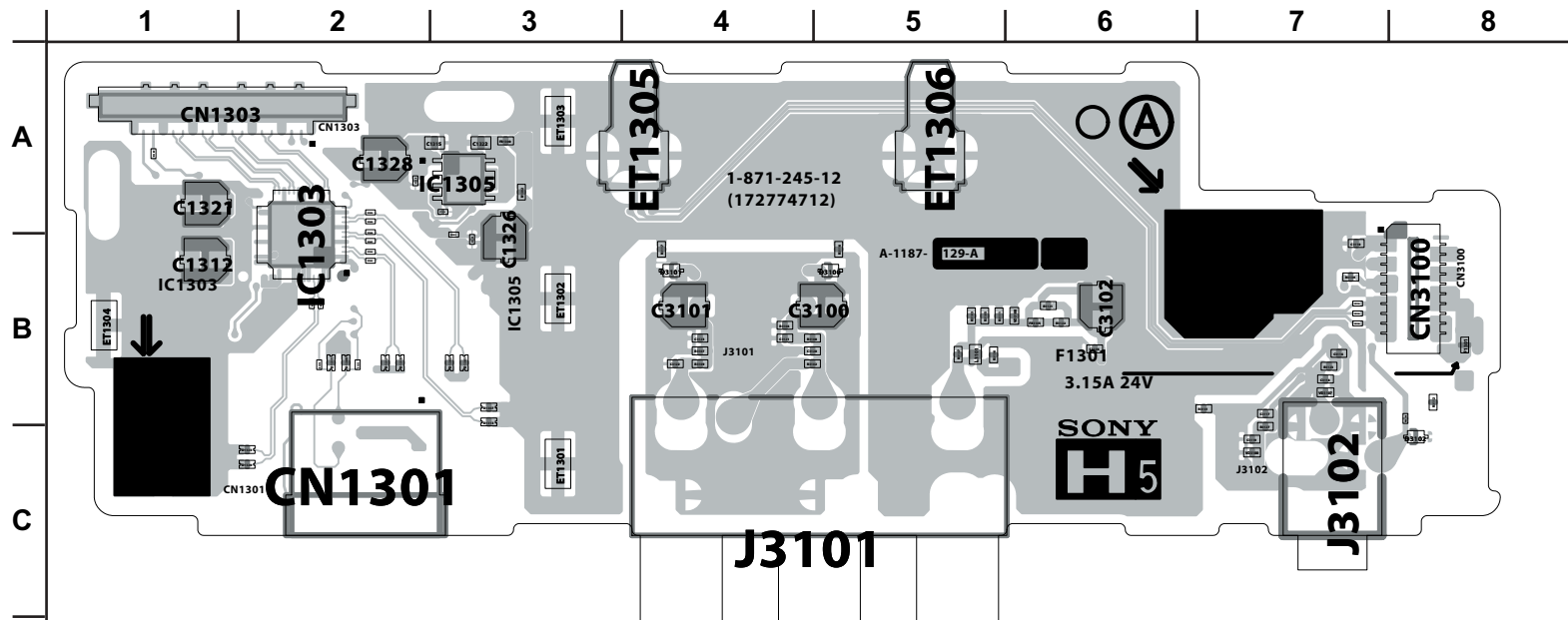






# H5

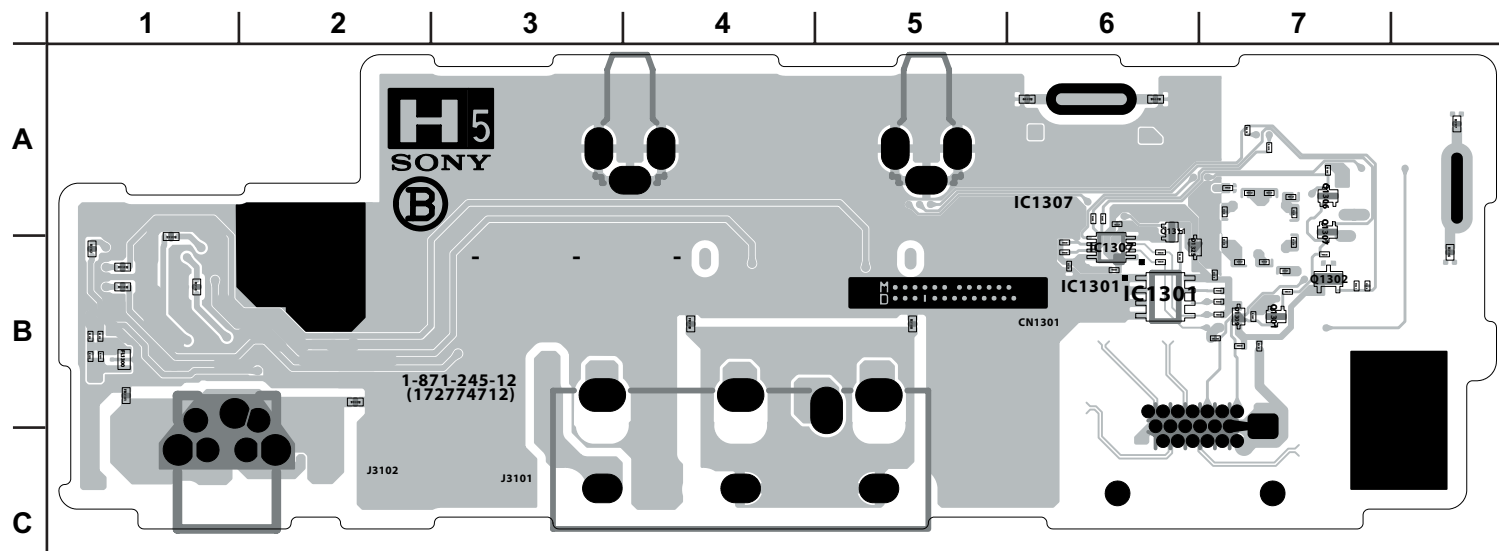
[VIDEO2, HEADPHONE JACK, VIDEO3, HDMI INPUT]  
COMPONENT SIDE



**H5**

[VIDEO2, HEADPHONE JACK, VIDEO3, HDMI INPUT]

**CONDUCTOR SIDE**

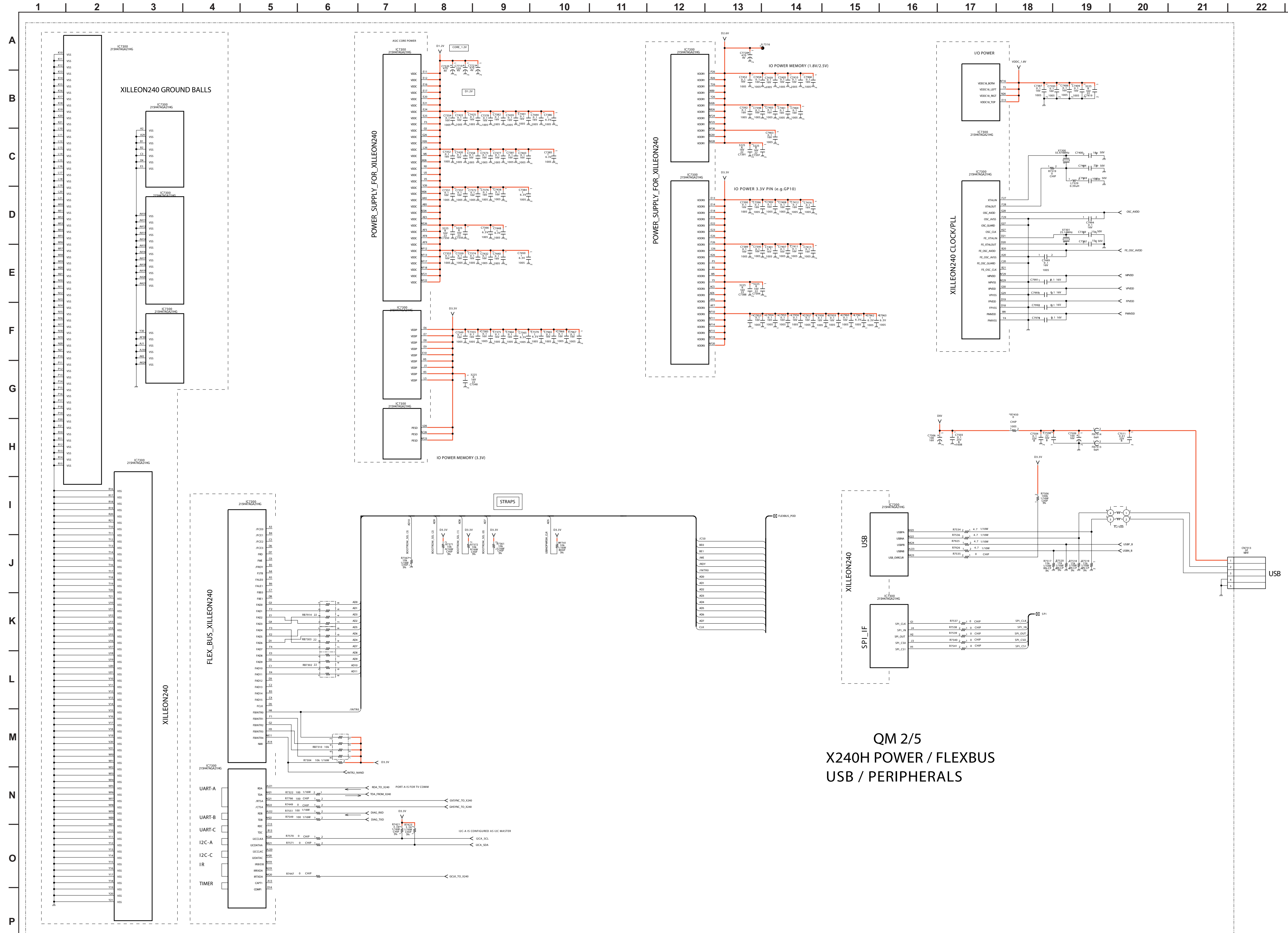






QM BOARD SCHEMATIC DIAGRAM (2 OF 5)

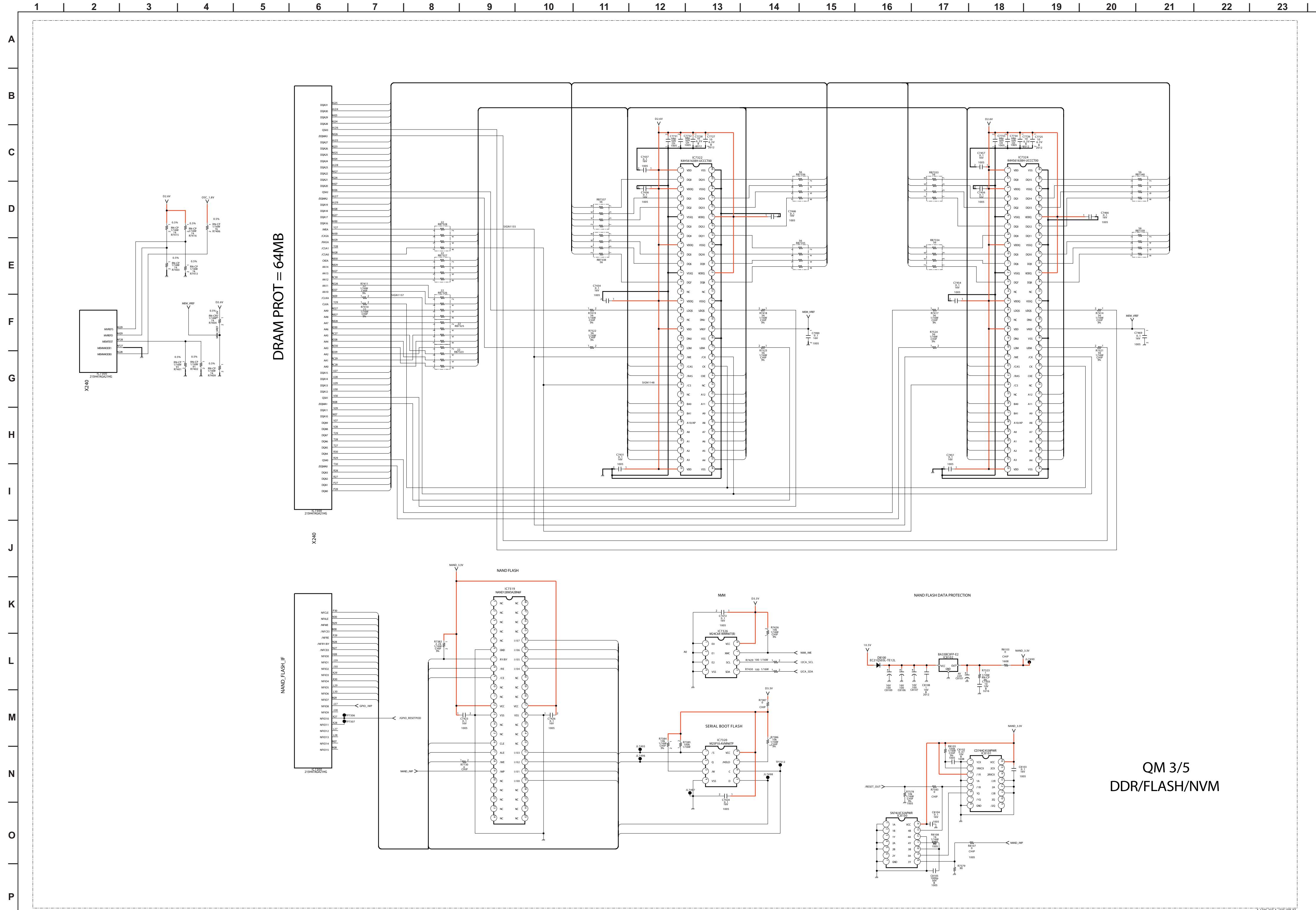
Due to the complexity of this board, performing component level field repairs is not recommended. If service is required, complete board replacement is the preferred repair method. Data is provided for reference only.



QM 2/5  
X240H POWER / FLEXBUS  
USB / PERIPHERALS

QM BOARD SCHEMATIC DIAGRAM (3 OF 5)

Due to the complexity of this board, performing component level field repairs is not recommended. If service is required, complete board replacement is the preferred repair method. Data is provided for reference only.



QM 3/5  
DDR/FLASH/NVM



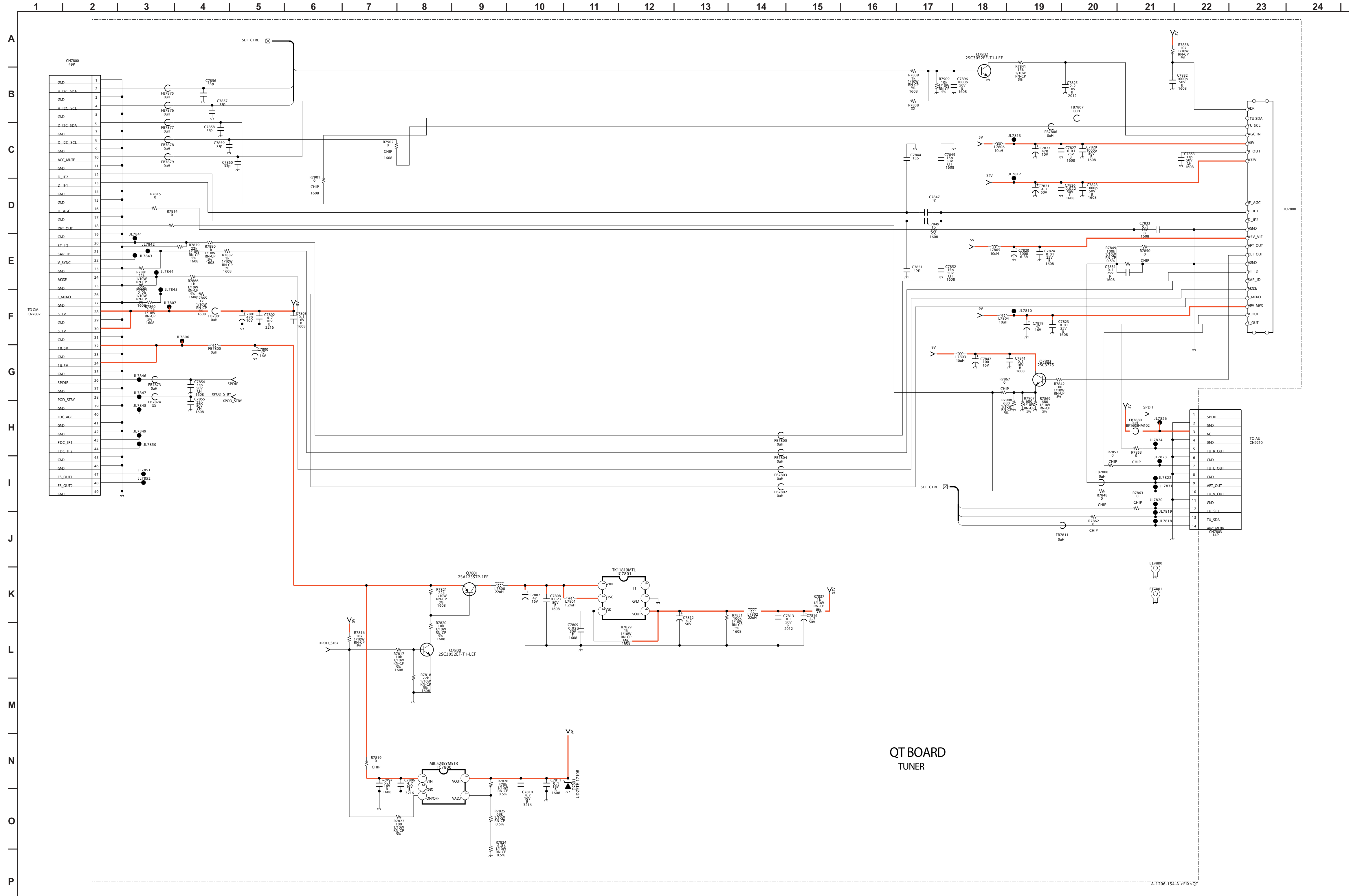






QT BOARD SCHEMATIC DIAGRAM

Due to the complexity of this board, performing component level field repairs is not recommended. If service is required, complete board replacement is the preferred repair method. Data is provided for reference only.

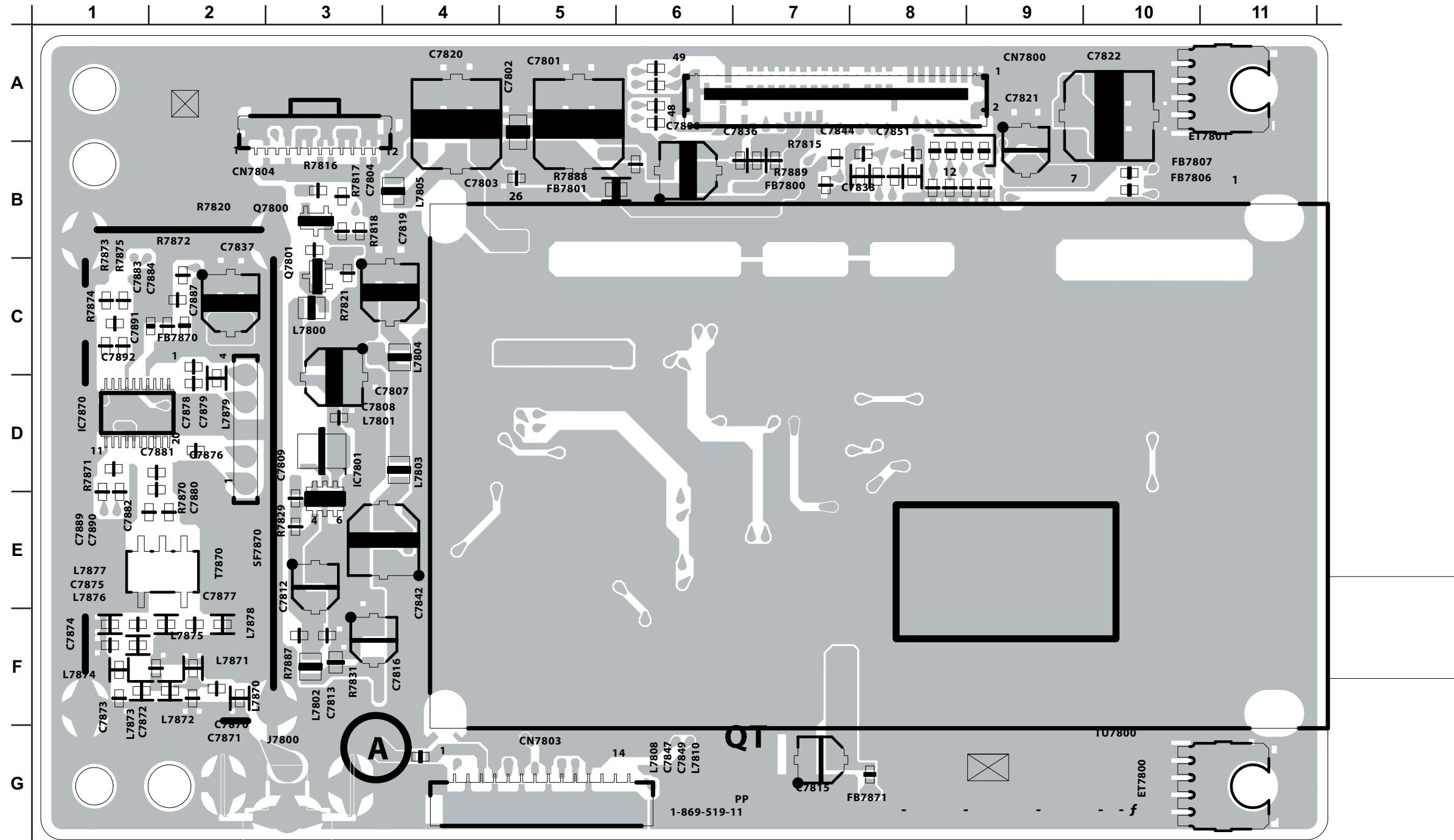


QT BOARD TUNER

A-1206-154-A C-FIX-QT

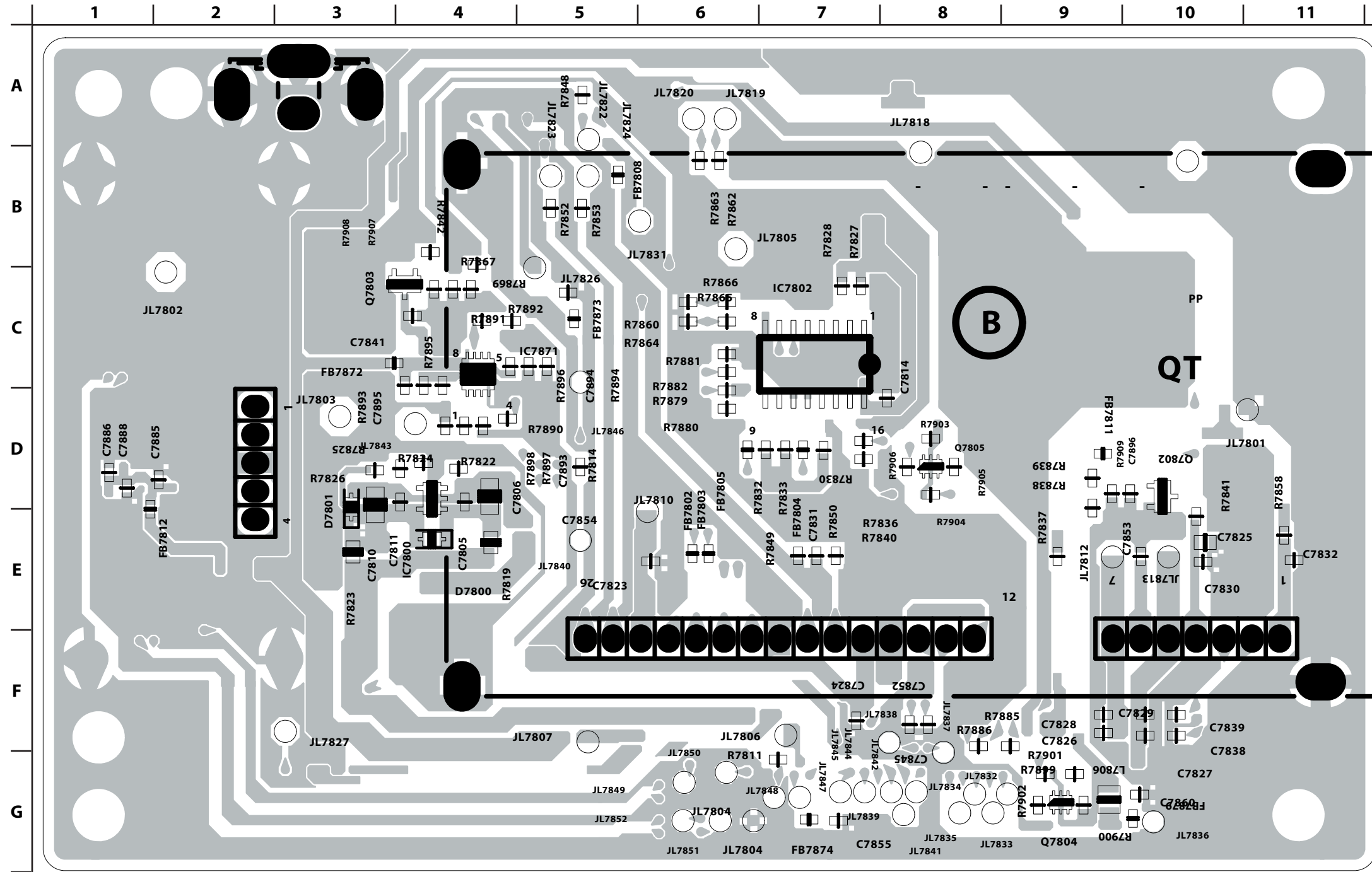
**QT** [TUNER]

**COMPONENT SIDE**



**QT** [TUNER]

CONDUCTOR SIDE

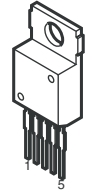




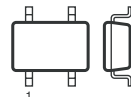
3-5. SEMICONDUCTORS

IC

BA00AST-V5

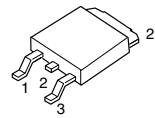


BA05FP-E2  
BA09FP-E2  
S-1111B33MC-NYSTFG  
S-80928CNMC-G8YT2G  
TC7SZ125FU(TE85R)

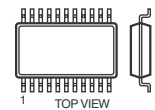


5Pin CHIP

BA18BC0FP-E2  
BA25BC0FP-E2

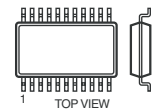


BR24L02F-WE2  
CS4335-KSZR  
FA5501N-TE1  
LM75CIMX-3  
M24128-BWMN6T(A)  
M24C02-WMN6T(B)  
NJM2521V(TE2)  
NJM3414AV(TE2)  
RC4558DR  
RC4558PWR



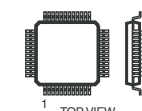
8Pin SOP

CD4052BNSR  
FMS6418AM16X



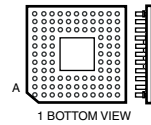
16Pin SOP

CXA2188Q-T4



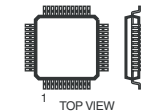
40Pin QFP

EM6A9320BI-5MG



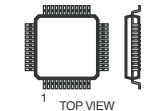
144Pin PGA

HD6433692A39FXV  
HD64F3694FXV-DA4  
TPA3004D2PHPR



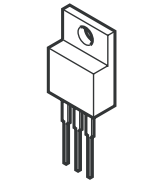
48Pin QFP

HD64F2378-12681-01

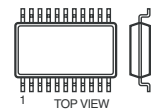


144Pin QFP

L88M05T-FA-TL

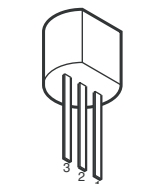


M52347FP-TE

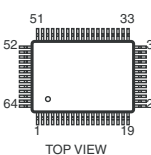


20Pin SOP

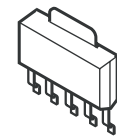
MM1431ATT



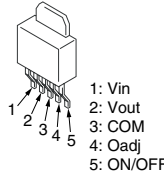
NJW1149AFH1



PQ1CY1032ZP

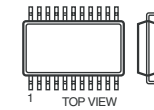


PQ1CZ41H2ZPH

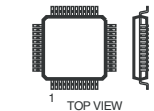


1: Vin  
2: Vout  
3: COM  
4: Oadj  
5: ON/OFF

RV5C387A-E2-FB

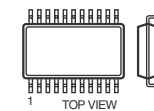


SH9993CTG100



100Pin QFP

SN74LV132APWR  
SN74LVC14APWR



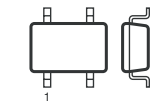
14Pin SOP

STR-A6169



8Pin DIP

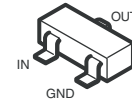
TK11819MTL



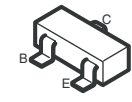
6Pin CHIP

TRANSISTOR

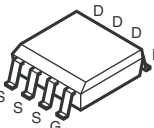
DTC114EU  
DTC114EUAFT106



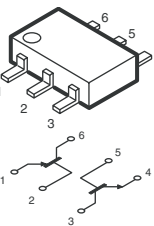
DTC114EUA-T106  
DTC115EUA-T106  
DTC144WKA-T146  
DTC314TK-T-146  
DTC323TK  
DTC323TKT146  
MUN2211T1  
MUN2212T1  
MUN5213T1  
PDTC114EK-115  
UN2211  
2PA1576R-115  
2PC4081R-115  
2PD601AR-115  
2SA1037AK-T146-QR  
2SA1037AK-T146-R  
2SA1576A-T106-QR  
2SA1774R  
2SA1774TL-QR  
2SC1623-L5L6  
2SC2412K-T-146-QR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



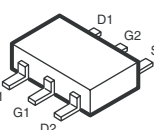
FDS6690A



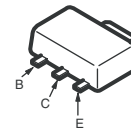
HN1B01FU-TE85R



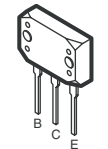
SSM6N15FU(TE85R)



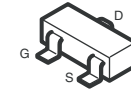
2SB1122-S  
2SB1122-ST-TD-E  
2SD1621-ST  
2SD1621ST-TD-E



2SD2114KT146

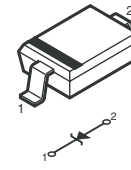


2SK2158-T2B

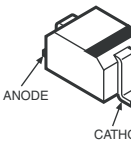


DIODE

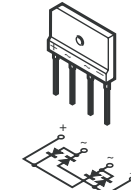
BAS316-115  
EP05FA20  
MM3Z10VT1  
MM3Z11VT1  
MM3Z13VT1  
MM3Z18VST1  
MM3Z22VT1  
MM3Z2V4T1  
MM3Z5V6ST1  
MM3Z6V2ST1  
MM3Z6V8ST1  
MM3Z8V2ST1



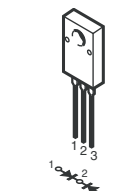
BAT54HT1  
DTZ10B  
HZU5.6GTRF  
MA113-(TX)  
MMDL914T1  
RD5.6SB-T1  
UDZ-TE-17-18B  
UDZ-TE-17-6.2B  
UDZ-TE-17-6.8B



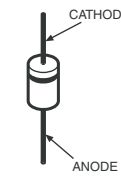
D10SBS4  
D10SBS4F  
D2SB60A-F04  
D4SB60L



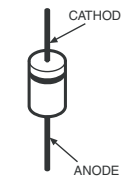
D10SC6M



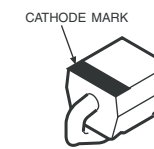
D1NL40-TA2  
D1NL40-TR2  
ERA22-08



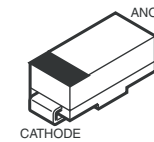
D1NS6  
D1NS6-TR  
ERA22-06AVRBT  
UF4005PKG23  
10ERB20-TB3  
1N5404TU



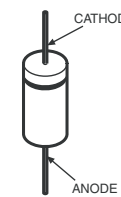
EC10QS-04  
EC10QS04-TE12L5



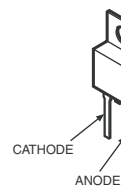
EC21QS03L-TE12L  
P6SMBJ30A-5  
PTZ-TE25-3.9B



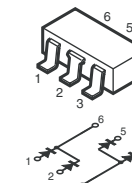
ERA22-08KFLB



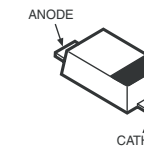
FSF05A60



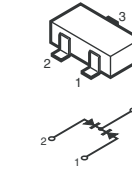
HN1D03FU-TE85L  
HN1D03FU-TE85R



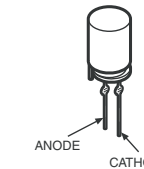
M1FM3



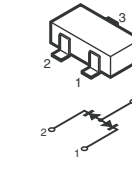
MA132WK  
MA132WK-TX  
MA151WK-TX  
1SS184



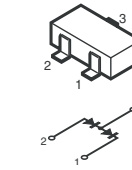
UDZSTE-1710B



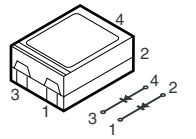
UMZ16NT106



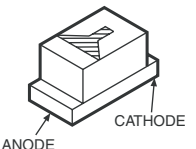
1PS302



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.

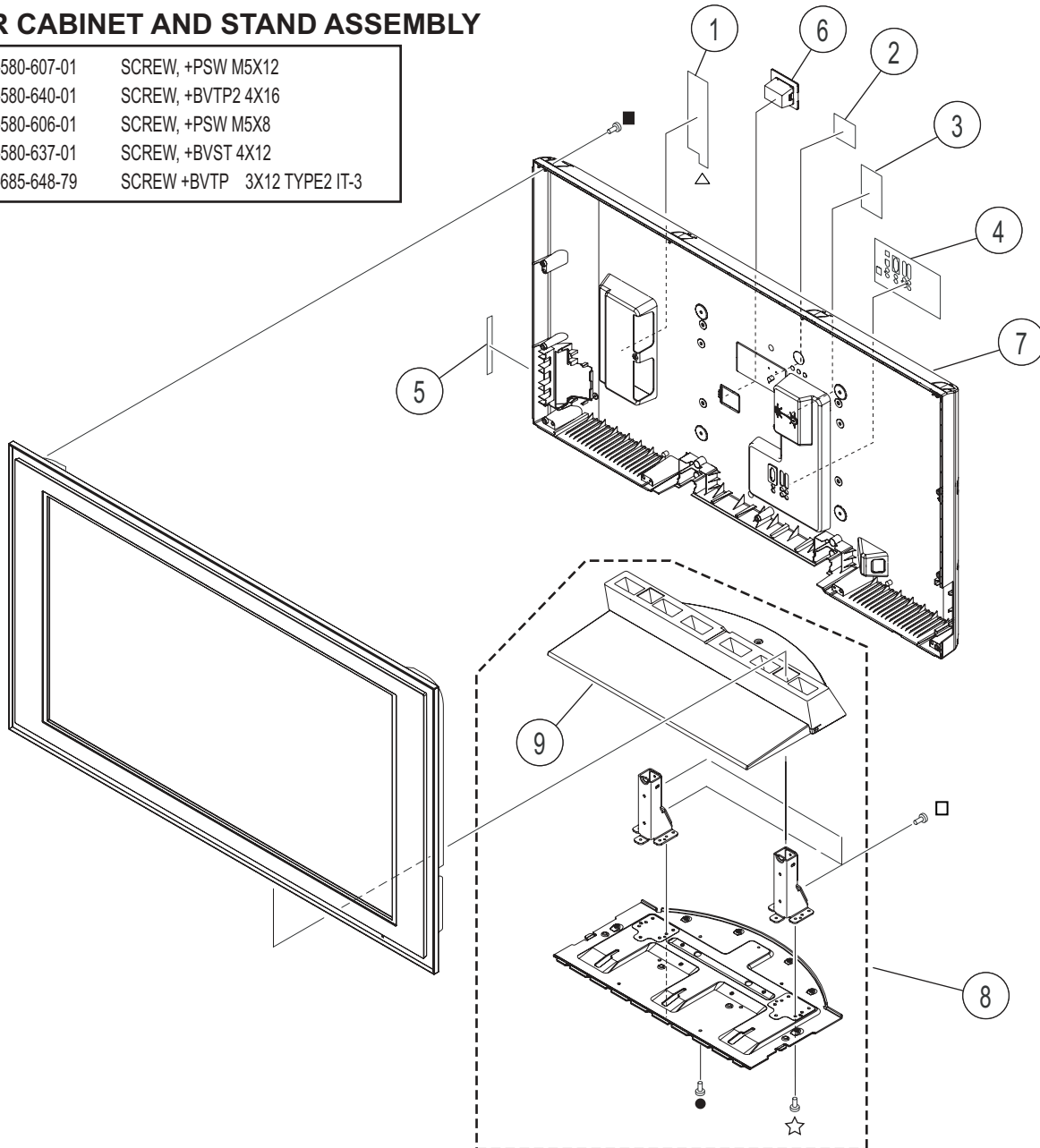
\* Items marked with an asterisk are not stocked since they are seldom required for routine service. Expect some delay when ordering these components.

**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.

### 4-1. REAR CABINET AND STAND ASSEMBLY

	2-580-607-01	SCREW, +PSW M5X12
	2-580-640-01	SCREW, +BVTP2 4X16
	2-580-606-01	SCREW, +PSW M5X8
	2-580-637-01	SCREW, +BVST 4X12
	7-685-648-79	SCREW +BVTP 3X12 TYPE2 IT-3



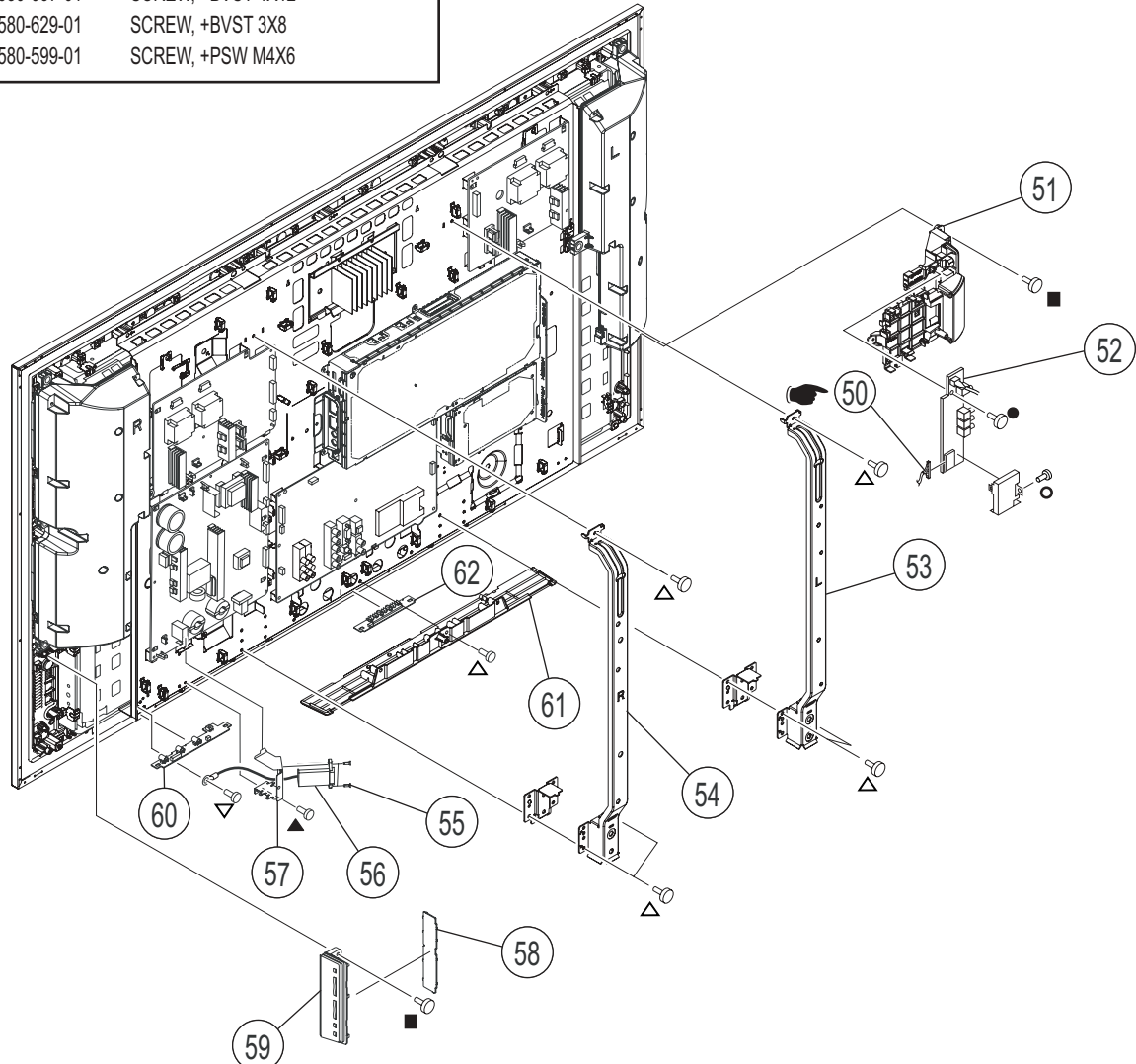
REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
1	2-694-270-01	LABEL, DTT		5	2-694-269-01	LABEL, SIDE TERMINAL	
2	2-694-102-01	LABEL, INFORMATION (KDL-40XBR2 ONLY)		6	X-2148-535-2	SERVICE COVER ASSY	
2	2-694-102-11	LABEL, INFORMATION (KDL-46XBR2 ONLY)		7	X-2109-314-1	REAR CABINET ASSY(40) (KDL-40XBR2 ONLY)	
3	2-694-271-01	LABEL, HDMI		7	X-2109-312-2	REAR CABINET ASSY(46) (KDL-46XBR2 ONLY)	
4	2-694-272-01	LABEL, REAR TERMINAL		8	X-2109-309-2	BASE STAND ASSY	[9]
				9	2-673-578-02	COVER, STAND	

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.


### 4-2. ARM ASSEMBLIES AND H BOARDS


- 2-580-640-01 SCREW, +BVTP2 4X16
- 2-580-591-01 SCREW, +PSW M3X5
- 7-685-648-79 SCREW +BVTP 3X12 TYPE2 IT-3
- △ 2-580-637-01 SCREW, +BVST 4X12
- ▲ 2-580-629-01 SCREW, +BVST 3X8
- ▽ 2-580-599-01 SCREW, +PSW M4X6






REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
50	1-833-524-11	LEAD WIRE WITH CONNECTOR (LVDS)		56	1-820-563-11	INLET, AC (WITH NOISE FILTER)	
51	X-2149-060-1	SIDE TERMINAL ASSY		57	2-673-549-01	AC INLET BRACKET	
52	A-1212-257-A	H5 BOARD, COMPLETE (FOR SERVICE)		* 58	A-1171-665-A	H1 BOARD, MOUNTED	
53	X-2109-242-2	ARM ASSY (L)		59	X-2109-489-1	CONTROL BUTTON ASSY	
54	X-2109-243-2	ARM ASSY (R)		* 60	A-1171-667-A	H3 BOARD, MOUNTED	
55	2-596-649-01	+KTT 3X10 (S TYPE)		61	X-2149-441-1	UNDER COVER ASSY	
				* 62	A-1171-668-A	H4 BOARD, MOUNTED	

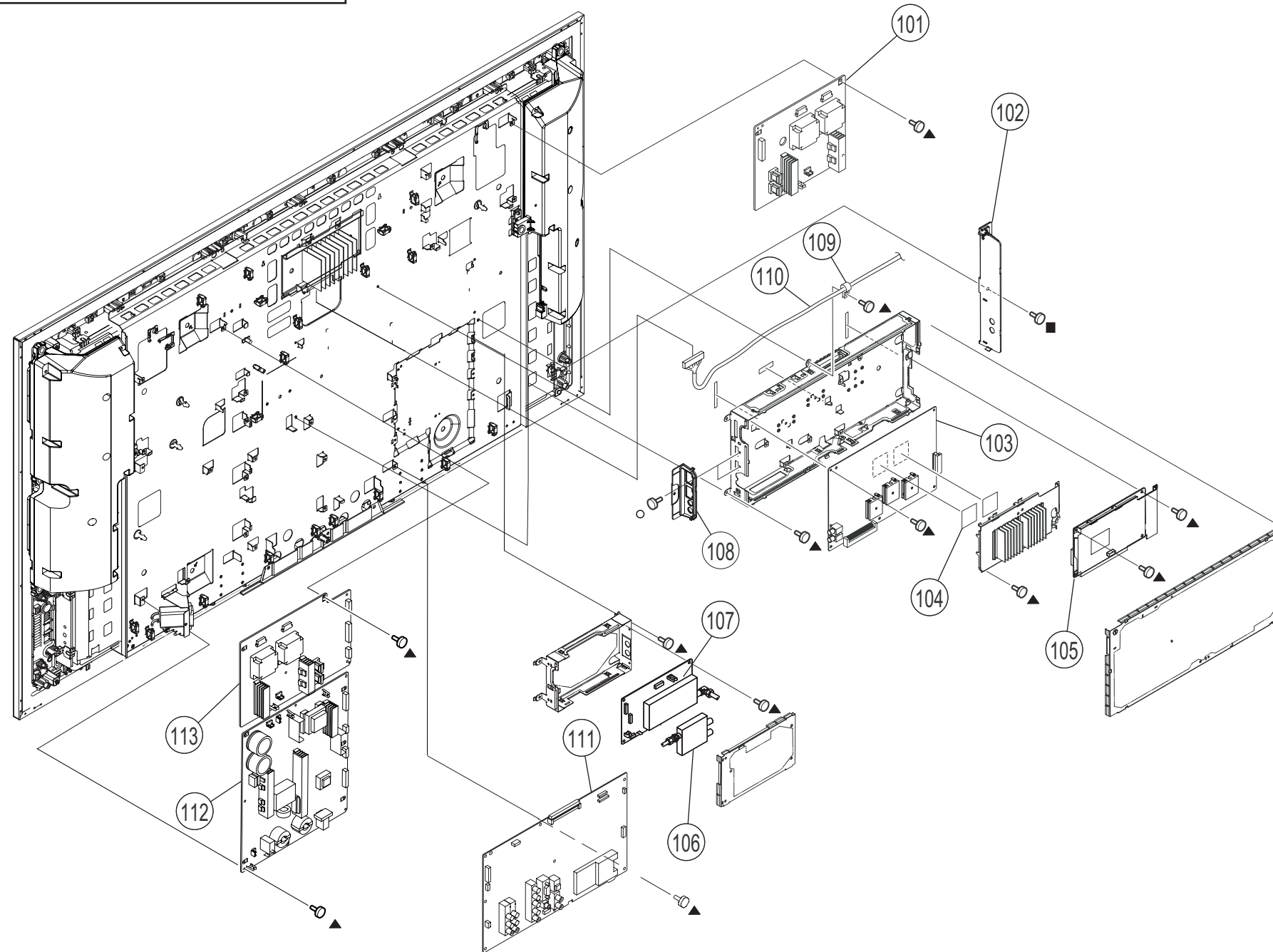
NOTE: The components identified by shading and  mark are critical for safety. Replace only with part number specified.







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. CHASSIS

-  2-580-591-01 SCREW, +PSW M3X5
-  2-580-629-01 SCREW, +BVST 3X8
-  2-580-640-01 SCREW, +BVTP2 4X16



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	
	101	A-1196-379-B	D3 BOARD, COMPLETE(STT) (KDL-46XBR2 ONLY)	
	102	2-673-536-11	HOLDER, DTT TERMINAL	
		103	A-1212-256-A	BE2 BOARD, COMPLETE (FOR SERVICE-40) (KDL-40XBR2 ONLY)
		103	A-1212-544-A	BE2 BOARD, COMPLETE (FOR SERVICE-46) (KDL-46XBR2 ONLY)
*	104	4-097-803-61	SHEET, RADIATION	
	105	A-1212-258-A	QM BOARD, COMPLETE (FOR SERVICE) Due to the complexity of this board, performing component level field repairs is not recommended. If service is required, complete board replacement is the preferred repair method.	
	106	1-417-716-11	ANTENNA SW	
	107	A-1206-154-A	QT BOARD, COMPLETE Due to the complexity of this board, performing component level field repairs is not recommended. If service is required, complete board replacement is the preferred repair method. (If the tuner needs to be replaced, the complete QT Board must be ordered. The tuner cannot be ordered separately.)	
	108	2-673-537-01	HOLDER, HDMI TERMINAL	
	109	4-035-862-01	CLAMP, FG (KDL-46XBR2 ONLY)	
	110	1-832-957-11	LEAD WIRE WITH CONNECTOR (LVDS) (KDL-40XBR2 ONLY)	
	110	1-832-957-31	LEAD WIRE WITH CONNECTOR (LVDS) (KDL-46XBR2 ONLY)	
	111	A-1212-254-A	AU BOARD, COMPLETE (FOR SERVICE)	
	112	A-1217-644-A	G1 BOARD, COMPLETE	
*	113	A-1197-882-B	D1 BOARD, COMPLETE(STT) (KDL-40XBR2 ONLY)	
	113	A-1196-378-B	D2 BOARD, MOUNTED (KDL-46XBR2 ONLY)	

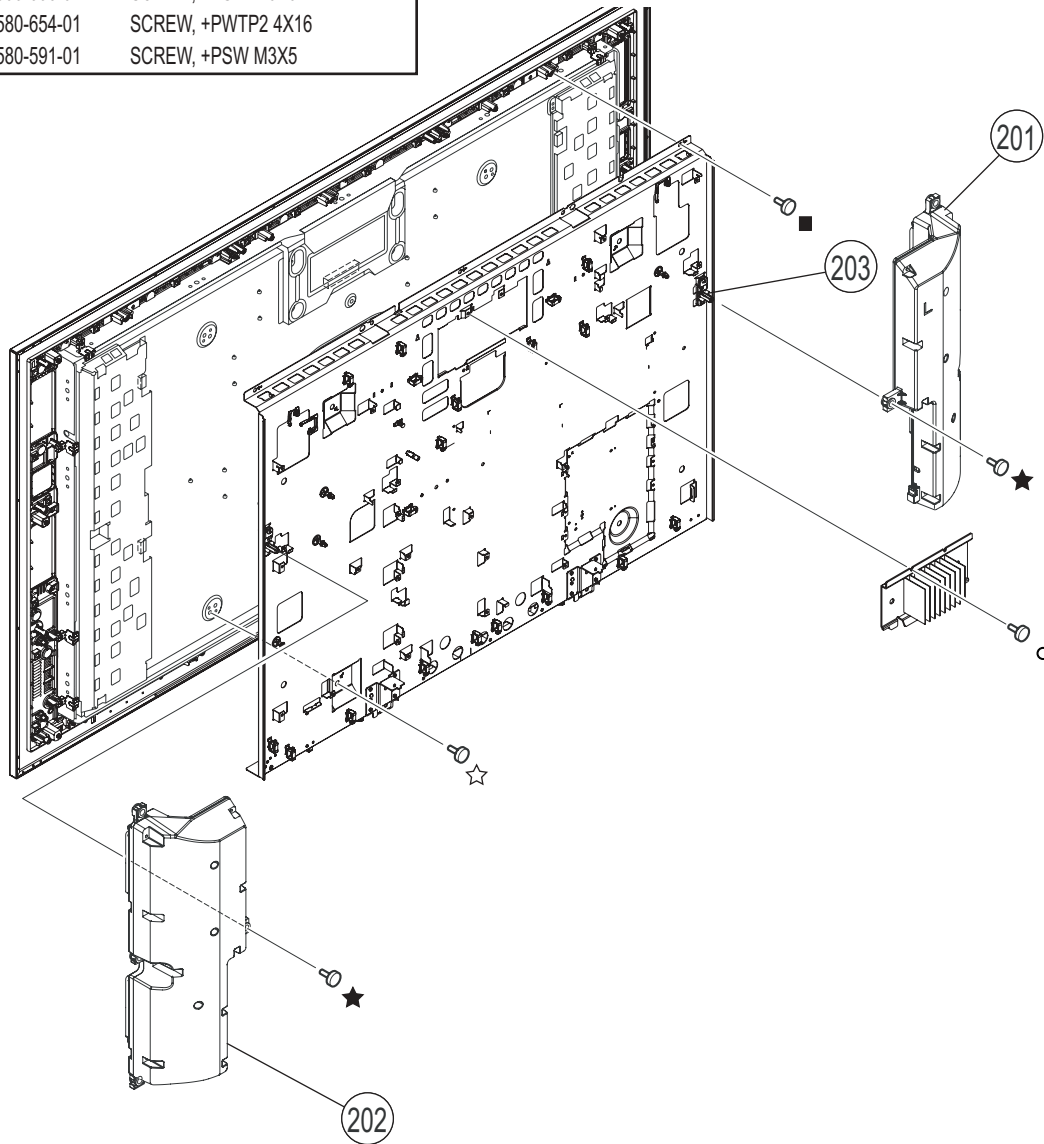


NOTE: The components identified by shading and  $\triangle$  mark are critical for safety. Replace only with part number specified.

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

### 4-4. CHASSIS BRACKET AND SPEAKERS

- 2-580-640-01 SCREW, +BVTP2 4X16
- ☆ 2-580-606-01 SCREW, +PSW M5X8
- ★ 2-580-654-01 SCREW, +PWTP2 4X16
- 2-580-591-01 SCREW, +PSW M3X5



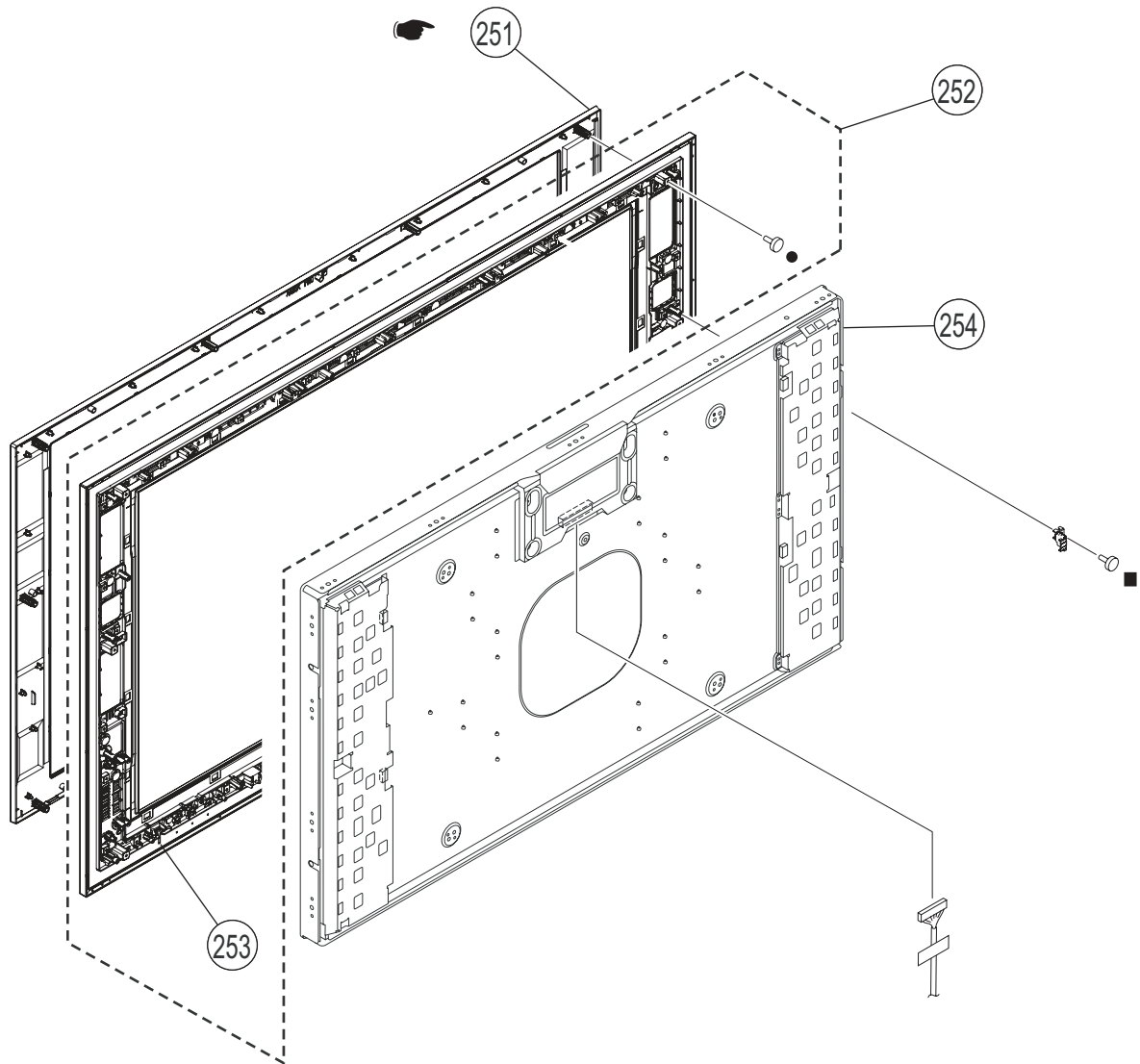
REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
201	1-826-477-11	LOUDSPEAKER (KDL-40XBR2 ONLY)		202	1-826-477-21	LOUDSPEAKER (KDL-40XBR2 ONLY)	
201	1-826-476-11	LOUDSPEAKER (KDL-46XBR2 ONLY)		202	1-826-476-21	LOUDSPEAKER (KDL-46XBR2 ONLY)	
				203	2-673-542-01	SPEAKER BOX SUPPORTER	

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.

### 4-5. LCD PANEL

- 2-580-640-01 SCREW, +BVTP2 4X16
- 7-685-648-79 SCREW +BVTP 3X12 TYPE2 IT-3



REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]	REF. NO.	PART NO.	DESCRIPTION	[ASSEMBLY INCLUDES]
251	X-2109-327-1	BEZEL ASSY (40) (KDL-40XBR2 ONLY)		252	X-2109-313-2	FRONT CABINET ASSY(40) (KDL-40XBR2 ONLY)	[253]
251	X-2109-326-1	BEZEL ASSY (46) (KDL-46XBR2 ONLY)		252	X-2109-311-2	FRONT CABINET ASSY(46) (KDL-46XBR2 ONLY)	[253]
FOR ALTERNATIVE COLORED BEZEL ASSEMBLIES SEE THE "COLORED BEZEL" ASSEMBLIES AT THE BACK OF THIS MANUAL.				253	2-678-148-02	IR GUIDE	
				254	1-802-198-11	LCD PANEL (40 INCH FHD+TFT) (KDL-40XBR2 ONLY)	
				254	1-802-159-22	LCD PANEL (46INCH FHD+TFT) (KDL-46XBR2 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		
						C8045	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
						C8046	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
						C8047	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
						C8050	1-164-856-81	CERAMIC CHIP	18pF	5%	50V
						C8051	1-164-856-81	CERAMIC CHIP	18pF	5%	50V
						C8052	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
						C8053	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
						C8087	1-100-906-11	CERAMIC CHIP	0.01 $\mu$ F	10%	16V
						C8324	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
						C8328	1-165-881-21	ELECT CHIP	120 $\mu$ F	20%	6.3V
						C8410	1-112-692-11	CERAMIC CHIP	1000pF	5%	50V
						C8411	1-125-777-11	CERAMIC CHIP	0.1 $\mu$ F	10%	10V
						C8413	1-124-779-00	ELECT CHIP	10 $\mu$ F	20%	16V
						C8417	1-112-692-11	CERAMIC CHIP	1000pF	5%	50V
						C8418	1-125-777-11	CERAMIC CHIP	0.1 $\mu$ F	10%	10V
						C8423	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
						C8425	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
						C8426	1-124-779-00	ELECT CHIP	10 $\mu$ F	20%	16V
						C8429	1-124-779-00	ELECT CHIP	10 $\mu$ F	20%	16V
						C8430	1-112-692-11	CERAMIC CHIP	1000pF	5%	50V
						C8431	1-126-204-11	ELECT CHIP	47 $\mu$ F	20%	16V
						C8432	1-125-777-11	CERAMIC CHIP	0.1 $\mu$ F	10%	10V
						C8433	1-125-777-11	CERAMIC CHIP	0.1 $\mu$ F	10%	10V
						C8437	1-164-844-11	CERAMIC CHIP	4pF	0.25pF	50V
						C8438	1-164-844-11	CERAMIC CHIP	4pF	0.25pF	50V
						C8439	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
						C8440	1-126-204-11	ELECT CHIP	47 $\mu$ F	20%	16V
						C8441	1-125-777-11	CERAMIC CHIP	0.1 $\mu$ F	10%	10V
						C8443	1-112-692-11	CERAMIC CHIP	1000pF	5%	50V
						C8444	1-112-692-11	CERAMIC CHIP	1000pF	5%	50V
						C8445	1-125-777-11	CERAMIC CHIP	0.1 $\mu$ F	10%	10V
						C8446	1-112-692-11	CERAMIC CHIP	1000pF	5%	50V
						C8447	1-126-204-11	ELECT CHIP	47 $\mu$ F	20%	16V
						C8448	1-127-715-91	CERAMIC CHIP	0.22 $\mu$ F	10%	16V
						C8449	1-112-692-11	CERAMIC CHIP	1000pF	5%	50V
						C8002	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
						C8004	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
						C8006	1-125-777-11	CERAMIC CHIP	0.1 $\mu$ F	10%	10V
						C8009	1-125-777-11	CERAMIC CHIP	0.1 $\mu$ F	10%	10V
						C8011	1-128-993-21	ELECT CHIP	22 $\mu$ F	20%	10V
						C8012	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
						C8013	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
						C8014	1-128-993-21	ELECT CHIP	22 $\mu$ F	20%	10V
						C8015	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
						C8016	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
						C8017	1-100-906-11	CERAMIC CHIP	0.01 $\mu$ F	10%	16V
						C8018	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
						C8019	1-127-573-11	CERAMIC CHIP	1 $\mu$ F	10%	16V
						C8020	1-127-573-11	CERAMIC CHIP	1 $\mu$ F	10%	16V
						C8024	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
						C8026	1-164-931-11	CERAMIC CHIP	100pF	10%	50V
						C8027	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
						C8028	1-125-777-11	CERAMIC CHIP	0.1 $\mu$ F	10%	10V
						C8029	1-165-887-91	CERAMIC CHIP	0.22 $\mu$ F	10%	6.3V
						C8030	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
						C8036	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
						C8037	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V
						C8038	1-164-858-11	CERAMIC CHIP	22pF	5%	50V
						C8039	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
						C8040	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V
						C8041	1-164-854-11	CERAMIC CHIP	15pF	5%	50V
						C8043	1-100-905-11	CERAMIC CHIP	0.001 $\mu$ F	10%	50V
						C8044	1-100-916-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C8450	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C8505	1-126-603-11	ELECT CHIP	4.7μF	20%	35V
C8451	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C8506	1-164-866-11	CERAMIC CHIP	47pF	5%	50V
C8453	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C8507	1-164-866-11	CERAMIC CHIP	47pF	5%	50V
C8455	1-164-943-81	CERAMIC CHIP	0.01μF	10%	16V	C8508	1-126-204-11	ELECT CHIP	47μF	20%	16V
C8456	1-124-779-00	ELECT CHIP	10μF	20%	16V	C8509	1-126-204-11	ELECT CHIP	47μF	20%	16V
C8457	1-127-715-91	CERAMIC CHIP	0.22μF	10%	16V	C8510	1-127-772-81	CERAMIC CHIP	33000pF	10%	10V
C8458	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C8511	1-164-943-81	CERAMIC CHIP	0.01μF	10%	16V
C8459	1-115-154-11	ELECT CHIP	10μF	20%	16V	C8512	1-117-681-11	ELECT CHIP	100μF	20%	16V
C8460	1-115-154-11	ELECT CHIP	10μF	20%	16V	C8558	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C8461	1-112-692-11	CERAMIC CHIP	1000pF	5%	50V	C8562	1-117-681-11	ELECT CHIP	100μF	20%	16V
C8464	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C8563	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V
C8465	1-112-692-11	CERAMIC CHIP	1000pF	5%	50V	C8564	1-164-872-11	CERAMIC CHIP	82pF	5%	50V
C8466	1-126-204-11	ELECT CHIP	47μF	20%	16V	C8601	1-117-681-11	ELECT CHIP	100μF	20%	16V
C8467	1-127-715-91	CERAMIC CHIP	0.22μF	10%	16V	C8602	1-124-779-00	ELECT CHIP	10μF	20%	16V
C8468	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C8604	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C8469	1-112-692-11	CERAMIC CHIP	1000pF	5%	50V	C8607	1-128-357-11	ELECT CHIP	10μF	20%	16V
C8470	1-164-943-81	CERAMIC CHIP	0.01μF	10%	16V	C8608	1-128-357-11	ELECT CHIP	10μF	20%	16V
C8471	1-124-779-00	ELECT CHIP	10μF	20%	16V	C8609	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V
C8472	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C8610	1-117-681-11	ELECT CHIP	100μF	20%	16V
C8473	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C8612	1-124-779-00	ELECT CHIP	10μF	20%	16V
C8474	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C8613	1-124-779-00	ELECT CHIP	10μF	20%	16V
C8476	1-124-779-00	ELECT CHIP	10μF	20%	16V	C8615	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C8477	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C8617	1-117-681-11	ELECT CHIP	100μF	20%	16V
C8478	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V	C8618	1-124-779-00	ELECT CHIP	10μF	20%	16V
C8479	1-164-937-11	CERAMIC CHIP	0.001μF	10%	50V	C8619	1-124-779-00	ELECT CHIP	10μF	20%	16V
C8481	1-112-672-81	CERAMIC CHIP	330pF	5%	50V	C8622	1-117-681-11	ELECT CHIP	100μF	20%	16V
C8482	1-112-672-81	CERAMIC CHIP	330pF	5%	50V	C8623	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C8483	1-126-204-11	ELECT CHIP	47μF	20%	16V	C8625	1-117-681-11	ELECT CHIP	100μF	20%	16V
C8485	1-124-779-00	ELECT CHIP	10μF	20%	16V	C8627	1-117-681-11	ELECT CHIP	100μF	20%	16V
C8486	1-124-779-00	ELECT CHIP	10μF	20%	16V	C8633	1-128-357-11	ELECT CHIP	10μF	20%	16V
C8487	1-112-672-81	CERAMIC CHIP	330pF	5%	50V	C8634	1-128-357-11	ELECT CHIP	10μF	20%	16V
C8489	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C8636	1-117-681-11	ELECT CHIP	100μF	20%	16V
C8490	1-112-672-81	CERAMIC CHIP	330pF	5%	50V	C8639	1-164-933-11	CERAMIC CHIP	220pF	10%	50V
C8491	1-126-204-11	ELECT CHIP	47μF	20%	16V	C8640	1-164-933-11	CERAMIC CHIP	220pF	10%	50V
C8492	1-112-692-11	CERAMIC CHIP	1000pF	5%	50V	C8642	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C8493	1-112-692-11	CERAMIC CHIP	1000pF	5%	50V	C8657	1-124-779-00	ELECT CHIP	10μF	20%	16V
C8494	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C8658	1-117-681-11	ELECT CHIP	100μF	20%	16V
C8495	1-124-779-00	ELECT CHIP	10μF	20%	16V	C8659	1-128-357-11	ELECT CHIP	10μF	20%	16V
C8496	1-125-889-91	CERAMIC CHIP	2.2μF	10%	10V	C8660	1-128-357-11	ELECT CHIP	10μF	20%	16V
C8497	1-125-889-91	CERAMIC CHIP	2.2μF	10%	10V	C8661	1-128-357-11	ELECT CHIP	10μF	20%	16V
C8501	1-124-779-00	ELECT CHIP	10μF	20%	16V	C8662	1-128-357-11	ELECT CHIP	10μF	20%	16V
C8502	1-117-681-11	ELECT CHIP	100μF	20%	16V	C8663	1-126-395-11	ELECT CHIP	22μF	20%	16V
C8503	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C8664	1-100-597-91	CERAMIC CHIP	0.1μF	10%	25V
C8504	1-126-603-11	ELECT CHIP	4.7μF	20%	35V	C8801	1-124-779-00	ELECT CHIP	10μF	20%	16V





REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C8803	1-128-357-11	ELECT CHIP	10μF	20%	16V	C8857	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C8804	1-128-357-11	ELECT CHIP	10μF	20%	16V	C8858	1-163-007-11	CERAMIC CHIP	680pF	10%	50V
C8805	1-100-904-11	CERAMIC CHIP	330pF	10%	50V	C8859	1-163-007-11	CERAMIC CHIP	680pF	10%	50V
C8806	1-100-904-11	CERAMIC CHIP	330pF	10%	50V	C8860	1-163-007-11	CERAMIC CHIP	680pF	10%	50V
C8807	1-100-904-11	CERAMIC CHIP	330pF	10%	50V	C8861	1-163-007-11	CERAMIC CHIP	680pF	10%	50V
C8808	1-124-779-00	ELECT CHIP	10μF	20%	16V	C8862	1-165-585-21	ELECT CHIP	47μF	20%	25V
C8809	1-100-904-11	CERAMIC CHIP	330pF	10%	50V	C8863	1-165-585-21	ELECT CHIP	47μF	20%	25V
C8810	1-126-204-11	ELECT CHIP	47μF	20%	16V	C8864	1-165-585-21	ELECT CHIP	47μF	20%	25V
C8811	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C8865	1-165-585-21	ELECT CHIP	47μF	20%	25V
C8812	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C8867	1-128-401-11	ELECT CHIP	100μF	20%	25V
C8813	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C8868	1-100-591-91	CERAMIC CHIP	1μF	10%	25V
C8815	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C8869	1-100-591-91	CERAMIC CHIP	1μF	10%	25V
C8816	1-117-681-11	ELECT CHIP	100μF	20%	16V	C8870	1-100-591-91	CERAMIC CHIP	1μF	10%	25V
C8817	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C8871	1-100-591-91	CERAMIC CHIP	1μF	10%	25V
C8820	1-117-681-11	ELECT CHIP	100μF	20%	16V	C8872	1-128-401-11	ELECT CHIP	100μF	20%	25V
C8821	1-124-779-00	ELECT CHIP	10μF	20%	16V	C8873	1-128-992-21	ELECT CHIP	47μF	20%	25V
C8829	1-126-399-11	ELECT CHIP	10μF	20%	35V	C8874	1-112-030-31	ELECT	1500μF	20%	35V
C8830	1-126-204-11	ELECT CHIP	47μF	20%	16V	C8875	1-112-030-31	ELECT	1500μF	20%	35V
C8831	1-128-595-11	ELECT CHIP	2.2μF	20%	50V	C8876	1-131-702-11	FILM	0.68μF	5%	50V
C8832	1-128-595-11	ELECT CHIP	2.2μF	20%	50V	C8877	1-131-702-11	FILM	0.68μF	5%	50V
C8833	1-126-395-11	ELECT CHIP	22μF	20%	16V	C8878	1-131-702-11	FILM	0.68μF	5%	50V
C8834	1-126-395-11	ELECT CHIP	22μF	20%	16V	C8879	1-131-702-11	FILM	0.68μF	5%	50V
C8835	1-126-394-11	ELECT CHIP	10μF	20%	16V	C8880	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V
C8836	1-117-681-11	ELECT CHIP	100μF	20%	16V	C8881	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V
C8837	1-162-965-11	CERAMIC CHIP	0.0015μF	10%	50V	C8882	1-163-275-11	CERAMIC CHIP	0.001μF	5%	50V
C8838	1-164-217-11	CERAMIC CHIP	150pF	5%	50V	C8883	1-163-275-11	CERAMIC CHIP	0.001μF	5%	50V
C8839	1-164-217-11	CERAMIC CHIP	150pF	5%	50V	C8884	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V
C8840	1-162-965-11	CERAMIC CHIP	0.0015μF	10%	50V	C8885	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V
C8841	1-162-965-11	CERAMIC CHIP	0.0015μF	10%	50V	C8886	1-163-275-11	CERAMIC CHIP	0.001μF	5%	50V
C8842	1-164-217-11	CERAMIC CHIP	150pF	5%	50V	C8887	1-163-275-11	CERAMIC CHIP	0.001μF	5%	50V
C8843	1-164-217-11	CERAMIC CHIP	150pF	5%	50V	C8888	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V
C8844	1-162-965-11	CERAMIC CHIP	0.0015μF	10%	50V	C8889	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C8845	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C8901	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C8846	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C8902	1-162-927-11	CERAMIC CHIP	100pF	5%	50V
C8847	1-115-340-11	CERAMIC CHIP	0.22μF	10%	25V	C8903	1-163-275-11	CERAMIC CHIP	0.001μF	5%	50V
C8848	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C8904	1-163-275-11	CERAMIC CHIP	0.001μF	5%	50V
C8849	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C8905	1-163-275-11	CERAMIC CHIP	0.001μF	5%	50V
C8850	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C8906	1-163-275-11	CERAMIC CHIP	0.001μF	5%	50V
C8851	1-163-007-11	CERAMIC CHIP	680pF	10%	50V	C8907	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V
C8852	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C8908	1-126-396-11	ELECT CHIP	47μF	20%	16V
C8853	1-163-007-11	CERAMIC CHIP	680pF	10%	50V	C8909	1-115-339-11	CERAMIC CHIP	0.1μF	10%	50V
C8854	1-163-007-11	CERAMIC CHIP	680pF	10%	50V	C8910	1-163-275-11	CERAMIC CHIP	0.001μF	5%	50V
C8855	1-164-004-11	CERAMIC CHIP	0.1μF	10%	25V	C8911	1-163-021-91	CERAMIC CHIP	0.01μF	10%	50V
C8856	1-163-007-11	CERAMIC CHIP	680pF	10%	50V	C8912	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C8913	1-162-970-11	CERAMIC CHIP	0.01μF	10%	25V	C9228	1-125-837-91	CERAMIC CHIP	1μF	10%	6.3V
C9000	1-125-891-11	CERAMIC CHIP	0.47μF	10%	10V	C9229	1-125-889-91	CERAMIC CHIP	2.2μF	10%	10V
C9001	1-124-779-00	ELECT CHIP	10μF	20%	16V	C9230	1-164-943-81	CERAMIC CHIP	0.01μF	10%	16V
C9002	1-124-779-00	ELECT CHIP	10μF	20%	16V	C9231	1-128-993-21	ELECT CHIP	22μF	20%	10V
C9003	1-124-779-00	ELECT CHIP	10μF	20%	16V	C9354	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C9004	1-124-779-00	ELECT CHIP	10μF	20%	16V	C9355	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V
C9005	1-124-779-00	ELECT CHIP	10μF	20%	16V	C9356	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V
C9006	1-124-779-00	ELECT CHIP	10μF	20%	16V	C9357	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V
C9007	1-124-779-00	ELECT CHIP	10μF	20%	16V	C9358	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V
C9008	1-124-779-00	ELECT CHIP	10μF	20%	16V	C9359	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V
C9010	1-124-779-00	ELECT CHIP	10μF	20%	16V	C9360	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V
C9012	1-124-779-00	ELECT CHIP	10μF	20%	16V	C9361	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V
C9014	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C9362	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V
C9019	1-162-923-11	CERAMIC CHIP	47pF	5%	50V	C9363	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V
C9020	1-112-065-11	CERAMIC CHIP	4.7μF	10%	16V	C9364	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V
C9022	1-126-206-11	ELECT CHIP	100μF	20%	6.3V	C9365	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V
C9023	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C9366	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V
C9024	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V	C9367	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V
C9025	1-126-391-11	ELECT CHIP	47μF	20%	6.3V	C9368	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V
C9026	1-107-726-91	CERAMIC CHIP	0.01μF	10%	16V	C9369	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C9027	1-162-923-11	CERAMIC CHIP	47pF	5%	50V	C9370	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C9028	1-112-065-11	CERAMIC CHIP	4.7μF	10%	16V	C9371	1-165-908-11	CERAMIC CHIP	1μF	10%	10V
C9030	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C9372	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V
C9031	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C9373	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V
C9201	1-128-995-21	ELECT CHIP	100μF	20%	10V	C9374	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V
C9202	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C9375	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V
C9203	1-128-996-11	ELECT CHIP	4.7μF	20%	50V	C9376	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V
C9205	1-164-939-11	CERAMIC CHIP	0.0022μF	10%	50V	C9378	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C9206	1-127-931-21	ELECT CHIP	470μF	20%	16V	C9379	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V
C9207	1-127-931-21	ELECT CHIP	470μF	20%	16V	C9380	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V
C9208	1-164-941-11	CERAMIC CHIP	0.0047μF	10%	16V	C9381	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V
C9210	1-119-923-11	CERAMIC CHIP	0.047μF	10%	10V	C9382	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C9212	1-126-204-11	ELECT CHIP	47μF	20%	16V	C9383	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V
C9213	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C9384	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V
C9215	1-126-206-11	ELECT CHIP	100μF	20%	6.3V	C9385	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V
C9217	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C9386	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C9218	1-164-935-11	CERAMIC CHIP	470pF	10%	50V	C9387	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C9219	1-164-939-11	CERAMIC CHIP	0.0022μF	10%	50V	C9388	1-107-826-11	CERAMIC CHIP	0.1μF	10%	16V
C9220	1-125-777-11	CERAMIC CHIP	0.1μF	10%	10V	C9392	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V
C9221	1-115-467-11	CERAMIC CHIP	0.22μF	10%	10V	C9393	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V
C9222	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C9394	1-100-743-91	CERAMIC CHIP	2.2μF	20%	16V
C9223	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V	C9396	1-125-891-11	CERAMIC CHIP	0.47μF	10%	10V
C9224	1-128-993-21	ELECT CHIP	22μF	20%	10V	C9399	1-125-891-11	CERAMIC CHIP	0.47μF	10%	10V
C9226	1-165-884-91	CERAMIC CHIP	2.2μF	10%	6.3V	C9401	1-125-891-11	CERAMIC CHIP	0.47μF	10%	10V





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REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
<b>DIODE</b>				D9014	8-719-050-38	DIODE	M1MA152WK-T1
D8003	6-500-334-01	DIODE	MC2836-T112-1	D9015	8-719-024-77	DIODE	HN1D03FU-TE85L
D8004	6-500-335-01	DIODE	MC2838-T112-1	D9016	8-719-050-38	DIODE	M1MA152WK-T1
D8005	6-500-334-01	DIODE	MC2836-T112-1	D9017	8-719-050-38	DIODE	M1MA152WK-T1
D8007	8-719-423-03	DIODE	MA8100	D9202	6-500-334-01	DIODE	MC2836-T112-1
D8012	6-500-335-01	DIODE	MC2838-T112-1	D9203	8-719-058-24	DIODE	RB501V-40TE-17
D8013	6-500-334-01	DIODE	MC2836-T112-1	D9551	8-719-404-50	DIODE	MA111-TX
D8411	8-719-404-50	DIODE	MA111-TX	D9552	8-719-422-58	DIODE	MA8062
D8413	8-719-404-50	DIODE	MA111-TX	D9553	8-719-069-29	DIODE	RB520S-30TE61
D8414	8-719-404-50	DIODE	MA111-TX	D9554	8-719-404-50	DIODE	MA111-TX
D8603	8-719-404-50	DIODE	MA111-TX	D9555	8-719-404-50	DIODE	MA111-TX
D8605	8-719-404-50	DIODE	MA111-TX	D9556	6-501-336-01	DIODE	RSX201L-30TE25
D8606	8-719-404-50	DIODE	MA111-TX	D9557	8-719-078-04	DIODE	EC31QS03L-TE12L
D8615	8-719-404-50	DIODE	MA111-TX	D9558	8-719-073-69	DIODE	PTZ-TE25-6.2A
D8616	8-719-404-50	DIODE	MA111-TX	D9559	6-500-294-01	DIODE	PTZ-TE25-3.9B
D8617	8-719-404-50	DIODE	MA111-TX	D9560	8-719-069-29	DIODE	RB520S-30TE61
D8804	8-719-404-50	DIODE	MA111-TX	D9707	8-719-423-03	DIODE	MA8100
D8805	8-719-404-50	DIODE	MA111-TX	D9708	8-719-423-03	DIODE	MA8100
D8807	8-719-404-50	DIODE	MA111-TX	D9709	8-719-050-38	DIODE	M1MA152WK-T1
D8808	8-719-404-50	DIODE	MA111-TX	D9710	6-500-701-01	DIODE	PGB1010603NR
D8809	6-500-884-01	DIODE	P6SMBJ30A-5	D9711	6-500-701-01	DIODE	PGB1010603NR
D8810	6-500-884-01	DIODE	P6SMBJ30A-5	<b>EARTH TERMINAL</b>			
D8811	6-500-884-01	DIODE	P6SMBJ30A-5	ET001	1-780-336-11	EARTH TERMINAL	
D8812	6-500-884-01	DIODE	P6SMBJ30A-5	ET002	1-780-336-11	EARTH TERMINAL	
D8814	6-500-884-01	DIODE	P6SMBJ30A-5	ET003	1-780-336-11	EARTH TERMINAL	
D8815	6-500-884-01	DIODE	P6SMBJ30A-5	ET004	1-780-336-11	EARTH TERMINAL	
D8816	6-500-884-01	DIODE	P6SMBJ30A-5	ET005	1-780-336-11	EARTH TERMINAL	
D8817	6-500-884-01	DIODE	P6SMBJ30A-5	<b>FUSE</b>			
D8818	8-719-404-50	DIODE	MA111-TX	$\triangle$ F8801	1-576-774-21	FUSE	6.3A 72V
D9000	8-719-423-03	DIODE	MA8100	$\triangle$ F8802	1-576-842-11	FUSE	0.63A 32V
D9001	8-719-423-03	DIODE	MA8100	$\triangle$ F9551	1-576-603-11	FUSE	3.15A 24V
D9002	8-719-423-03	DIODE	MA8100	<b>FERRITE BEAD</b>			
D9003	8-719-423-03	DIODE	MA8100	FB8401	1-414-234-22	FERRITE	0 $\mu$ H
D9004	8-719-423-03	DIODE	MA8100	FB8402	1-414-921-11	FERRITE	0 $\mu$ H
D9005	8-719-423-03	DIODE	MA8100	FB8404	1-400-499-21	FERRITE	0 $\mu$ H
D9006	8-719-423-03	DIODE	MA8100	FB8405	1-414-921-11	FERRITE	0 $\mu$ H
D9007	8-719-423-03	DIODE	MA8100	FB8406	1-400-499-21	FERRITE	0 $\mu$ H
D9008	8-719-423-03	DIODE	MA8100	FB8407	1-400-499-21	FERRITE	0 $\mu$ H
D9009	8-719-422-46	DIODE	MA8056	FB8408	1-414-921-11	FERRITE	0 $\mu$ H
D9010	8-719-422-46	DIODE	MA8056	FB8801	1-414-234-22	FERRITE	0 $\mu$ H
D9011	8-719-422-46	DIODE	MA8056	FB9000	1-400-333-21	FERRITE	0 $\mu$ H
D9012	8-719-423-03	DIODE	MA8100	FB9001	1-469-100-21	FERRITE	0 $\mu$ H
D9013	8-719-423-03	DIODE	MA8100				







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REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
L8603	1-412-058-11	INDUCTOR	10 $\mu$ H	Q8410	8-729-424-08	TRANSISTOR	UN2111
L8604	1-469-555-21	INDUCTOR	10 $\mu$ H	Q8411	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16
L8801	1-412-058-11	INDUCTOR	10 $\mu$ H	Q8412	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16
L8802	1-412-058-11	INDUCTOR	10 $\mu$ H	Q8413	8-729-421-19	TRANSISTOR	UN2213
L8803	1-412-058-11	INDUCTOR	10 $\mu$ H	Q8531	8-729-026-53	TRANSISTOR	2SA1576A-T106-QR
L8804	1-412-058-11	INDUCTOR	10 $\mu$ H	Q8533	8-729-905-35	TRANSISTOR	2SC4081-R
L8805	1-456-065-21	INDUCTOR	22 $\mu$ H	Q8601	8-729-905-35	TRANSISTOR	2SC4081-R
L8806	1-457-318-11	INDUCTOR	22 $\mu$ H	Q8606	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16
L8807	1-457-318-11	INDUCTOR	22 $\mu$ H	Q8607	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16
L8808	1-416-344-11	INDUCTOR	10 $\mu$ H	Q8611	8-729-424-08	TRANSISTOR	UN2111
L9201	1-469-555-21	INDUCTOR	10 $\mu$ H	Q8628	8-729-421-22	TRANSISTOR	UN2211
L9202	1-469-555-21	INDUCTOR	10 $\mu$ H	Q8630	8-729-421-22	TRANSISTOR	UN2211
L9204	1-412-058-11	INDUCTOR	10 $\mu$ H	Q8631	8-729-905-35	TRANSISTOR	2SC4081-R
L9205	1-469-555-21	INDUCTOR	10 $\mu$ H	Q8632	8-729-026-53	TRANSISTOR	2SA1576A-T106-QR
L9352	1-412-058-11	INDUCTOR	10 $\mu$ H	Q8633	8-729-905-35	TRANSISTOR	2SC4081-R
L9353	1-412-058-11	INDUCTOR	10 $\mu$ H	Q8634	8-729-421-22	TRANSISTOR	UN2211
L9354	1-412-058-11	INDUCTOR	10 $\mu$ H	Q8635	8-729-421-22	TRANSISTOR	UN2211
L9355	1-412-058-11	INDUCTOR	10 $\mu$ H	Q8636	8-729-421-22	TRANSISTOR	UN2211
L9356	1-412-058-11	INDUCTOR	10 $\mu$ H	Q8801	8-729-905-35	TRANSISTOR	2SC4081-R
L9551	1-416-344-11	INDUCTOR	10 $\mu$ H	Q8804	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16
L9552	1-424-918-21	INDUCTOR	10 $\mu$ H	Q8807	8-729-424-08	TRANSISTOR	UN2111
L9553	1-424-922-21	INDUCTOR	10 $\mu$ H	Q8810	8-729-026-53	TRANSISTOR	2SA1576A-T106-QR
L9554	1-416-344-11	INDUCTOR	10 $\mu$ H	Q8811	8-729-026-53	TRANSISTOR	2SA1576A-T106-QR
L9555	1-416-344-11	INDUCTOR	10 $\mu$ H	Q8812	8-729-026-53	TRANSISTOR	2SA1576A-T106-QR
L9557	1-400-179-21	FERRITE	0 $\mu$ H	Q8813	8-729-026-53	TRANSISTOR	2SA1576A-T106-QR
<b>IC LINK</b>				Q8814	8-729-905-35	TRANSISTOR	2SC4081-R
$\triangle$ PS9000	1-576-122-21	IC LINK	0.4A 72V	Q8815	8-729-424-08	TRANSISTOR	UN2111
<b>TRANSISTOR</b>				Q8816	8-729-141-73	TRANSISTOR	2SC3624A-T1L15L16
Q8006	8-729-120-28	TRANSISTOR	2SC1623-L5L6	Q8817	8-729-600-22	TRANSISTOR	2SA1235-F
Q8008	8-729-600-22	TRANSISTOR	2SA1235-F	Q8818	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q8009	8-729-600-22	TRANSISTOR	2SA1235-F	Q9000	8-729-907-00	TRANSISTOR	DTC114EU
Q8010	8-729-120-28	TRANSISTOR	2SC1623-L5L6	Q9001	6-550-585-01	TRANSISTOR	2PC4081R-115
Q8011	8-729-600-22	TRANSISTOR	2SA1235-F	Q9002	6-550-585-01	TRANSISTOR	2PC4081R-115
Q8015	6-550-014-01	TRANSISTOR	SSM6N15FU(TE85R)	Q9201	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q8032	8-729-120-28	TRANSISTOR	2SC1623-L5L6	Q9205	8-729-600-22	TRANSISTOR	2SA1235-F
Q8033	8-729-600-22	TRANSISTOR	2SA1235-F	Q9207	8-729-600-22	TRANSISTOR	2SA1235-F
Q8305	8-729-026-53	TRANSISTOR	2SA1576A-T106-QR	Q9208	8-729-120-28	TRANSISTOR	2SC1623-L5L6
Q8306	8-729-026-53	TRANSISTOR	2SA1576A-T106-QR	Q9209	8-729-600-22	TRANSISTOR	2SA1235-F
Q8307	8-729-026-53	TRANSISTOR	2SA1576A-T106-QR	Q9210	8-729-421-19	TRANSISTOR	UN2213
Q8401	8-729-421-22	TRANSISTOR	UN2211	Q9211	8-729-600-22	TRANSISTOR	2SA1235-F
Q8404	8-729-421-19	TRANSISTOR	UN2213	Q9212	8-729-600-22	TRANSISTOR	2SA1235-F
Q8405	8-729-905-35	TRANSISTOR	2SC4081-R	Q9213	8-729-600-22	TRANSISTOR	2SA1235-F
Q8406	8-729-421-19	TRANSISTOR	UN2213	Q9214	8-729-120-28	TRANSISTOR	2SC1623-L5L6
				Q9215	8-729-026-53	TRANSISTOR	2SA1576A-T106-QR





REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R8104	1-218-953-11	RES-CHIP	1K	5%	1/16W	R8156	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8105	1-218-937-11	RES-CHIP	47	5%	1/16W	R8158	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8106	1-218-965-11	RES-CHIP	10K	5%	1/16W	R8159	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8107	1-218-981-11	RES-CHIP	220K	5%	1/16W	R8160	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8108	1-218-937-11	RES-CHIP	47	5%	1/16W	R8161	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8110	1-218-983-11	RES-CHIP	330K	5%	1/16W	R8162	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R8111	1-218-953-11	RES-CHIP	1K	5%	1/16W	R8169	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8112	1-218-965-11	RES-CHIP	10K	5%	1/16W	R8171	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8114	1-218-965-11	RES-CHIP	10K	5%	1/16W	R8177	1-218-990-81	SHORT CHIP			
R8116	1-218-979-11	RES-CHIP	150K	5%	1/16W	R8178	1-218-990-81	SHORT CHIP			
R8117	1-218-965-11	RES-CHIP	10K	5%	1/16W	R8182	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R8118	1-218-937-11	RES-CHIP	47	5%	1/16W	R8185	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R8119	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R8219	1-218-989-11	RES-CHIP	1M	5%	1/16W
R8120	1-218-937-11	RES-CHIP	47	5%	1/16W	R8220	1-218-989-11	RES-CHIP	1M	5%	1/16W
R8121	1-218-953-11	RES-CHIP	1K	5%	1/16W	R8221	1-218-990-81	SHORT CHIP			
R8122	1-218-965-11	RES-CHIP	10K	5%	1/16W	R8264	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8123	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R8265	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8124	1-218-965-11	RES-CHIP	10K	5%	1/16W	R8266	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8126	1-218-990-81	SHORT CHIP				R8267	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8127	1-218-965-11	RES-CHIP	10K	5%	1/16W	R8268	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R8128	1-218-965-11	RES-CHIP	10K	5%	1/16W	R8269	1-218-990-81	SHORT CHIP			
R8129	1-218-937-11	RES-CHIP	47	5%	1/16W	R8271	1-218-937-11	RES-CHIP	47	5%	1/16W
R8132	1-218-965-11	RES-CHIP	10K	5%	1/16W	R8384	1-208-855-81	METAL CHIP	47	0.50%	1/16W
R8133	1-218-937-11	RES-CHIP	47	5%	1/16W	R8388	1-208-855-81	METAL CHIP	47	0.50%	1/16W
R8134	1-218-965-11	RES-CHIP	10K	5%	1/16W	R8389	1-208-855-81	METAL CHIP	47	0.50%	1/16W
R8135	1-218-953-11	RES-CHIP	1K	5%	1/16W	R8390	1-216-815-11	METAL CHIP	330	5%	1/10W
R8137	1-218-937-11	RES-CHIP	47	5%	1/16W	R8391	1-216-815-11	METAL CHIP	330	5%	1/10W
R8138	1-218-965-11	RES-CHIP	10K	5%	1/16W	R8392	1-216-815-11	METAL CHIP	330	5%	1/10W
R8139	1-218-965-11	RES-CHIP	10K	5%	1/16W	R8393	1-218-933-11	RES-CHIP	22	5%	1/16W
R8140	1-218-937-11	RES-CHIP	47	5%	1/16W	R8394	1-218-933-11	RES-CHIP	22	5%	1/16W
R8141	1-218-933-11	RES-CHIP	22	5%	1/16W	R8395	1-218-933-11	RES-CHIP	22	5%	1/16W
R8142	1-218-937-11	RES-CHIP	47	5%	1/16W	R8402	1-218-990-81	SHORT CHIP			
R8143	1-218-937-11	RES-CHIP	47	5%	1/16W	R8403	1-218-990-81	SHORT CHIP			
R8144	1-218-965-11	RES-CHIP	10K	5%	1/16W	R8404	1-218-990-81	SHORT CHIP			
R8145	1-218-965-11	RES-CHIP	10K	5%	1/16W	R8407	1-218-937-11	RES-CHIP	47	5%	1/16W
R8146	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R8412	1-218-937-11	RES-CHIP	47	5%	1/16W
R8148	1-218-937-11	RES-CHIP	47	5%	1/16W	R8413	1-218-937-11	RES-CHIP	47	5%	1/16W
R8149	1-218-937-11	RES-CHIP	47	5%	1/16W	R8414	1-218-937-11	RES-CHIP	47	5%	1/16W
R8150	1-218-937-11	RES-CHIP	47	5%	1/16W	R8415	1-218-937-11	RES-CHIP	47	5%	1/16W
R8151	1-218-937-11	RES-CHIP	47	5%	1/16W	R8416	1-218-937-11	RES-CHIP	47	5%	1/16W
R8152	1-218-949-11	RES-CHIP	470	5%	1/16W	R8417	1-218-937-11	RES-CHIP	47	5%	1/16W
R8153	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R8427	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8154	1-218-990-81	SHORT CHIP				R8430	1-218-937-11	RES-CHIP	47	5%	1/16W
R8155	1-218-965-11	RES-CHIP	10K	5%	1/16W	R8431	1-218-937-11	RES-CHIP	47	5%	1/16W





REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R8432	1-218-937-11	RES-CHIP	47	5%	1/16W	R8513	1-218-990-81	SHORT CHIP			
R8433	1-218-937-11	RES-CHIP	47	5%	1/16W	R8514	1-218-863-11	METAL CHIP	4.7K	0.50%	1/10W
R8434	1-218-937-11	RES-CHIP	47	5%	1/16W	R8515	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8435	1-218-937-11	RES-CHIP	47	5%	1/16W	R8520	1-218-990-81	SHORT CHIP			
R8444	1-218-941-81	RES-CHIP	100	5%	1/16W	R8521	1-218-990-81	SHORT CHIP			
R8446	1-218-941-81	RES-CHIP	100	5%	1/16W	R8523	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8447	1-218-990-81	SHORT CHIP				R8524	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8459	1-216-864-11	SHORT CHIP				R8525	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8460	1-216-864-11	SHORT CHIP				R8526	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8461	1-216-864-11	SHORT CHIP				R8527	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8462	1-216-864-11	SHORT CHIP				R8528	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8466	1-218-937-11	RES-CHIP	47	5%	1/16W	R8529	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R8469	1-218-990-81	SHORT CHIP				R8530	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R8471	1-218-941-81	RES-CHIP	100	5%	1/16W	R8531	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8472	1-218-937-11	RES-CHIP	47	5%	1/16W	R8532	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8473	1-218-941-81	RES-CHIP	100	5%	1/16W	R8533	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8474	1-218-937-11	RES-CHIP	47	5%	1/16W	R8534	1-216-833-11	METAL CHIP	10K	5%	1/10W
R8475	1-218-937-11	RES-CHIP	47	5%	1/16W	R8535	1-216-817-11	METAL CHIP	470	5%	1/10W
R8476	1-218-941-81	RES-CHIP	100	5%	1/16W	R8536	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8477	1-218-937-11	RES-CHIP	47	5%	1/16W	R8537	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8478	1-218-937-11	RES-CHIP	47	5%	1/16W	R8538	1-216-817-11	METAL CHIP	470	5%	1/10W
R8479	1-218-941-81	RES-CHIP	100	5%	1/16W	R8539	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8480	1-218-937-11	RES-CHIP	47	5%	1/16W	R8540	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8481	1-218-937-11	RES-CHIP	47	5%	1/16W	R8541	1-216-817-11	METAL CHIP	470	5%	1/10W
R8483	1-218-937-11	RES-CHIP	47	5%	1/16W	R8542	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8486	1-218-937-11	RES-CHIP	47	5%	1/16W	R8543	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8488	1-218-941-81	RES-CHIP	100	5%	1/16W	R8544	1-216-817-11	METAL CHIP	470	5%	1/10W
R8490	1-218-941-81	RES-CHIP	100	5%	1/16W	R8545	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8492	1-218-973-11	RES-CHIP	47K	5%	1/16W	R8546	1-216-821-11	METAL CHIP	1K	5%	1/10W
R8494	1-218-937-11	RES-CHIP	47	5%	1/16W	R8547	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R8495	1-218-937-11	RES-CHIP	47	5%	1/16W	R8548	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R8496	1-218-937-11	RES-CHIP	47	5%	1/16W	R8554	1-218-937-11	RES-CHIP	47	5%	1/16W
R8497	1-218-965-11	RES-CHIP	10K	5%	1/16W	R8559	1-218-831-11	METAL CHIP	220	0.50%	1/10W
R8498	1-218-990-81	SHORT CHIP				R8560	1-218-833-11	METAL CHIP	270	0.50%	1/10W
R8499	1-218-937-11	RES-CHIP	47	5%	1/16W	R8561	1-216-295-91	SHORT CHIP			
R8501	1-218-973-11	RES-CHIP	47K	5%	1/16W	R8562	1-216-295-91	SHORT CHIP			
R8502	1-218-990-81	SHORT CHIP				R8601	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R8504	1-218-831-11	METAL CHIP	220	0.50%	1/10W	R8602	1-218-966-11	RES-CHIP	12K	5%	1/16W
R8505	1-218-990-81	SHORT CHIP				R8605	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8506	1-218-990-81	SHORT CHIP				R8606	1-218-990-81	SHORT CHIP			
R8509	1-218-990-81	SHORT CHIP				R8607	1-218-990-81	SHORT CHIP			
R8510	1-218-990-81	SHORT CHIP				R8609	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8511	1-218-871-11	METAL CHIP	10K	0.50%	1/10W	R8611	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R8512	1-218-990-81	SHORT CHIP				R8612	1-208-683-11	METAL CHIP	1K	0.50%	1/16W



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R8613	1-218-973-11	RES-CHIP	47K	5%	1/16W	R8726	1-218-941-81	RES-CHIP	100	5%	1/16W
R8615	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R8727	1-218-989-11	RES-CHIP	1M	5%	1/16W
R8616	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R8728	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8617	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R8729	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8618	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R8730	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8621	1-218-990-81	SHORT CHIP				R8731	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8622	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R8732	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R8623	1-218-937-11	RES-CHIP	47	5%	1/16W	R8733	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R8624	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R8746	1-218-990-81	SHORT CHIP			
R8625	1-218-937-11	RES-CHIP	47	5%	1/16W	R8748	1-218-990-81	SHORT CHIP			
R8626	1-218-973-11	RES-CHIP	47K	5%	1/16W	R8750	1-218-990-81	SHORT CHIP			
R8627	1-218-973-11	RES-CHIP	47K	5%	1/16W	R8753	1-218-990-81	SHORT CHIP			
R8628	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R8755	1-218-990-81	SHORT CHIP			
R8629	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R8756	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8632	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R8757	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8633	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R8774	1-208-677-11	METAL CHIP	560	0.50%	1/16W
R8634	1-218-950-11	RES-CHIP	560	5%	1/16W	R8775	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R8635	1-218-950-11	RES-CHIP	560	5%	1/16W	R8777	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W
R8638	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R8780	1-218-990-81	SHORT CHIP			
R8643	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	R8781	1-218-990-81	SHORT CHIP			
R8645	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R8801	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8646	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R8802	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8647	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R8803	1-218-969-11	RES-CHIP	22K	5%	1/16W
R8650	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R8804	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8651	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R8805	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8652	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	R8806	1-218-964-11	RES-CHIP	8.2K	5%	1/16W
R8655	1-218-990-81	SHORT CHIP				R8807	1-218-964-11	RES-CHIP	8.2K	5%	1/16W
R8656	1-218-990-81	SHORT CHIP				R8808	1-218-975-11	RES-CHIP	68K	5%	1/16W
R8664	1-218-964-11	RES-CHIP	8.2K	5%	1/16W	R8809	1-218-964-11	RES-CHIP	8.2K	5%	1/16W
R8665	1-218-965-11	RES-CHIP	10K	5%	1/16W	R8810	1-218-964-11	RES-CHIP	8.2K	5%	1/16W
R8670	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R8811	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8671	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R8812	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8673	1-218-973-11	RES-CHIP	47K	5%	1/16W	R8813	1-218-971-11	RES-CHIP	33K	5%	1/16W
R8679	1-218-973-11	RES-CHIP	47K	5%	1/16W	R8814	1-218-971-11	RES-CHIP	33K	5%	1/16W
R8682	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	R8815	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8683	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	R8816	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8717	1-218-965-11	RES-CHIP	10K	5%	1/16W	R8817	1-218-964-11	RES-CHIP	8.2K	5%	1/16W
R8719	1-218-965-11	RES-CHIP	10K	5%	1/16W	R8818	1-218-990-81	SHORT CHIP			
R8720	1-216-864-11	SHORT CHIP				R8819	1-218-990-81	SHORT CHIP			
R8721	1-218-977-11	RES-CHIP	100K	5%	1/16W	R8820	1-218-953-11	RES-CHIP	1K	5%	1/16W
R8722	1-218-973-11	RES-CHIP	47K	5%	1/16W	R8821	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R8723	1-218-969-11	RES-CHIP	22K	5%	1/16W	R8822	1-218-963-11	RES-CHIP	6.8K	5%	1/16W
R8724	1-218-977-11	RES-CHIP	100K	5%	1/16W	R8823	1-218-966-11	RES-CHIP	12K	5%	1/16W
R8725	1-218-949-11	RES-CHIP	470	5%	1/16W	R8824	1-208-927-11	METAL CHIP	47K	0.50%	1/16W



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R8825	1-208-927-11	METAL CHIP	47K	0.50%	1/16W	R8895	1-218-990-81	SHORT CHIP			
R8826	1-218-990-81	SHORT CHIP				R8896	1-218-990-81	SHORT CHIP			
R8827	1-218-990-81	SHORT CHIP				R8902	1-218-977-11	RES-CHIP	100K	5%	1/16W
R8828	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R8903	1-218-977-11	RES-CHIP	100K	5%	1/16W
R8829	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R8904	1-218-990-81	SHORT CHIP			
R8830	1-218-990-81	SHORT CHIP				R8905	1-218-990-81	SHORT CHIP			
R8831	1-218-990-81	SHORT CHIP				R8916	1-218-965-11	RES-CHIP	10K	5%	1/16W
R8834	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	R8917	1-218-945-11	RES-CHIP	220	5%	1/16W
R8836	1-218-990-81	SHORT CHIP				R8918	1-218-971-11	RES-CHIP	33K	5%	1/16W
R8837	1-218-990-81	SHORT CHIP				R8920	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W
R8840	1-218-990-81	SHORT CHIP				R8921	1-216-864-11	SHORT CHIP			
R8844	1-216-841-11	METAL CHIP	47K	5%	1/10W	R8922	1-218-865-11	METAL CHIP	5.6K	0.50%	1/10W
R8846	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W	R8923	1-216-847-11	METAL CHIP	150K	5%	1/10W
R8847	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W	R8924	1-216-829-11	METAL CHIP	4.7K	5%	1/10W
R8848	1-218-879-11	METAL CHIP	22K	0.50%	1/10W	R8925	1-216-795-11	METAL CHIP	6.8	5%	1/10W
R8849	1-218-879-11	METAL CHIP	22K	0.50%	1/10W	R8926	1-216-311-00	RES-CHIP	6.8	5%	1/10W
R8850	1-218-901-11	METAL CHIP	180K	0.50%	1/10W	R8927	1-216-311-00	RES-CHIP	6.8	5%	1/10W
R8851	1-218-879-11	METAL CHIP	22K	0.50%	1/10W	R8928	1-216-311-00	RES-CHIP	6.8	5%	1/10W
R8852	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W	R8929	1-216-311-00	RES-CHIP	6.8	5%	1/10W
R8853	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W	R8934	1-216-795-11	METAL CHIP	6.8	5%	1/10W
R8854	1-216-833-11	METAL CHIP	10K	5%	1/10W	R8935	1-216-795-11	METAL CHIP	6.8	5%	1/10W
R8855	1-218-887-11	METAL CHIP	47K	0.50%	1/10W	R8936	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8856	1-218-887-11	METAL CHIP	47K	0.50%	1/10W	R8937	1-218-973-11	RES-CHIP	47K	5%	1/16W
R8861	1-216-311-00	RES-CHIP	6.8	5%	1/10W	R8938	1-218-958-11	RES-CHIP	2.7K	5%	1/16W
R8862	1-216-311-00	RES-CHIP	6.8	5%	1/10W	R8939	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R8863	1-216-311-00	RES-CHIP	6.8	5%	1/10W	R8940	1-218-955-11	RES-CHIP	1.5K	5%	1/16W
R8864	1-216-311-00	RES-CHIP	6.8	5%	1/10W	R8941	1-218-969-11	RES-CHIP	22K	5%	1/16W
R8865	1-216-845-11	METAL CHIP	100K	5%	1/10W	R8942	1-218-969-11	RES-CHIP	22K	5%	1/16W
R8866	1-216-845-11	METAL CHIP	100K	5%	1/10W	R8943	1-218-989-11	RES-CHIP	1M	5%	1/16W
R8867	1-216-845-11	METAL CHIP	100K	5%	1/10W	R8944	1-218-989-11	RES-CHIP	1M	5%	1/16W
R8868	1-216-845-11	METAL CHIP	100K	5%	1/10W	R8946	1-218-990-81	SHORT CHIP			
R8873	1-216-845-11	METAL CHIP	100K	5%	1/10W	R8947	1-218-990-81	SHORT CHIP			
R8874	1-216-845-11	METAL CHIP	100K	5%	1/10W	R9000	1-218-990-81	SHORT CHIP			
R8875	1-216-833-11	METAL CHIP	10K	5%	1/10W	R9001	1-216-813-11	METAL CHIP	220	5%	1/10W
R8876	1-216-845-11	METAL CHIP	100K	5%	1/10W	R9002	1-216-813-11	METAL CHIP	220	5%	1/10W
R8878	1-216-864-11	SHORT CHIP				R9003	1-218-990-81	SHORT CHIP			
R8880	1-218-959-11	RES-CHIP	3.3K	5%	1/16W	R9004	1-216-813-11	METAL CHIP	220	5%	1/10W
R8881	1-218-973-11	RES-CHIP	47K	5%	1/16W	R9005	1-216-813-11	METAL CHIP	220	5%	1/10W
R8882	1-218-990-81	SHORT CHIP				R9006	1-216-813-11	METAL CHIP	220	5%	1/10W
R8883	1-218-990-81	SHORT CHIP				R9007	1-216-813-11	METAL CHIP	220	5%	1/10W
R8884	1-218-990-81	SHORT CHIP				R9008	1-220-169-11	RES-CHIP	75	5%	1/16W
R8887	1-218-990-81	SHORT CHIP				R9009	1-216-813-11	METAL CHIP	220	5%	1/10W
R8892	1-218-990-81	SHORT CHIP				R9010	1-218-983-11	RES-CHIP	330K	5%	1/16W
R8893	1-218-990-81	SHORT CHIP				R9011	1-218-983-11	RES-CHIP	330K	5%	1/16W



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R9012	1-216-813-11	METAL CHIP	220	5%	1/10W	R9073	1-218-949-11	RES-CHIP	470	5%	1/16W
R9013	1-216-813-11	METAL CHIP	220	5%	1/10W	R9074	1-218-968-11	RES-CHIP	18K	5%	1/16W
R9014	1-218-983-11	RES-CHIP	330K	5%	1/16W	R9075	1-218-968-11	RES-CHIP	18K	5%	1/16W
R9015	1-218-983-11	RES-CHIP	330K	5%	1/16W	R9076	1-216-864-11	SHORT CHIP			
R9016	1-218-983-11	RES-CHIP	330K	5%	1/16W	R9077	1-216-864-11	SHORT CHIP			
R9017	1-218-983-11	RES-CHIP	330K	5%	1/16W	R9081	1-216-864-11	SHORT CHIP			
R9018	1-218-983-11	RES-CHIP	330K	5%	1/16W	R9082	1-216-864-11	SHORT CHIP			
R9019	1-218-983-11	RES-CHIP	330K	5%	1/16W	R9214	1-218-937-11	RES-CHIP	47	5%	1/16W
R9020	1-216-813-11	METAL CHIP	220	5%	1/10W	R9215	1-218-937-11	RES-CHIP	47	5%	1/16W
R9021	1-216-813-11	METAL CHIP	220	5%	1/10W	R9218	1-218-933-11	RES-CHIP	22	5%	1/16W
R9022	1-216-813-11	METAL CHIP	220	5%	1/10W	R9219	1-218-933-11	RES-CHIP	22	5%	1/16W
R9023	1-216-813-11	METAL CHIP	220	5%	1/10W	R9222	1-218-935-11	RES-CHIP	33	5%	1/16W
R9024	1-216-813-11	METAL CHIP	220	5%	1/10W	R9223	1-218-935-11	RES-CHIP	33	5%	1/16W
R9025	1-216-813-11	METAL CHIP	220	5%	1/10W	R9224	1-218-941-81	RES-CHIP	100	5%	1/16W
R9026	1-216-813-11	METAL CHIP	220	5%	1/10W	R9225	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R9027	1-216-813-11	METAL CHIP	220	5%	1/10W	R9226	1-218-989-11	RES-CHIP	1M	5%	1/16W
R9028	1-216-813-11	METAL CHIP	220	5%	1/10W	R9227	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R9029	1-216-813-11	METAL CHIP	220	5%	1/10W	R9228	1-218-960-11	RES-CHIP	3.9K	5%	1/16W
R9030	1-216-813-11	METAL CHIP	220	5%	1/10W	R9234	1-218-958-11	RES-CHIP	2.7K	5%	1/16W
R9031	1-216-813-11	METAL CHIP	220	5%	1/10W	R9236	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R9033	1-216-813-11	METAL CHIP	220	5%	1/10W	R9237	1-218-989-11	RES-CHIP	1M	5%	1/16W
R9034	1-216-813-11	METAL CHIP	220	5%	1/10W	R9240	1-218-990-81	SHORT CHIP			
R9035	1-216-813-11	METAL CHIP	220	5%	1/10W	R9241	1-218-990-81	SHORT CHIP			
R9036	1-216-813-11	METAL CHIP	220	5%	1/10W	R9242	1-218-990-81	SHORT CHIP			
R9037	1-216-813-11	METAL CHIP	220	5%	1/10W	R9243	1-218-990-81	SHORT CHIP			
R9038	1-216-813-11	METAL CHIP	220	5%	1/10W	R9244	1-218-990-81	SHORT CHIP			
R9040	1-216-851-11	METAL CHIP	330K	5%	1/10W	R9246	1-218-990-81	SHORT CHIP			
R9041	1-216-805-11	METAL CHIP	47	5%	1/10W	R9247	1-218-990-81	SHORT CHIP			
R9043	1-216-805-11	METAL CHIP	47	5%	1/10W	R9249	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R9044	1-216-851-11	METAL CHIP	330K	5%	1/10W	R9250	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R9045	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R9255	1-218-990-81	SHORT CHIP			
R9046	1-216-825-11	METAL CHIP	2.2K	5%	1/10W	R9256	1-218-990-81	SHORT CHIP			
R9047	1-216-833-11	METAL CHIP	10K	5%	1/10W	R9257	1-218-990-81	SHORT CHIP			
R9048	1-216-864-11	SHORT CHIP				R9258	1-218-990-81	SHORT CHIP			
R9049	1-216-864-11	SHORT CHIP				R9259	1-218-990-81	SHORT CHIP			
R9050	1-216-833-11	METAL CHIP	10K	5%	1/10W	R9260	1-218-990-81	SHORT CHIP			
R9051	1-216-805-11	METAL CHIP	47	5%	1/10W	R9261	1-218-990-81	SHORT CHIP			
R9052	1-216-805-11	METAL CHIP	47	5%	1/10W	R9262	1-218-990-81	SHORT CHIP			
R9057	1-216-809-11	METAL CHIP	100	5%	1/10W	R9264	1-218-990-81	SHORT CHIP			
R9058	1-216-829-11	METAL CHIP	4.7K	5%	1/10W	R9265	1-218-990-81	SHORT CHIP			
R9059	1-216-864-11	SHORT CHIP				R9266	1-218-990-81	SHORT CHIP			
R9060	1-216-864-11	SHORT CHIP				R9267	1-218-990-81	SHORT CHIP			
R9061	1-216-864-11	SHORT CHIP				R9268	1-218-990-81	SHORT CHIP			
R9072	1-218-949-11	RES-CHIP	470	5%	1/16W	R9270	1-218-990-81	SHORT CHIP			






REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R9271	1-218-990-81	SHORT CHIP				R9325	1-218-971-11	RES-CHIP	33K	5%	1/16W
R9272	1-218-990-81	SHORT CHIP				R9326	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R9274	1-218-990-81	SHORT CHIP				R9327	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R9275	1-218-990-81	SHORT CHIP				R9328	1-218-990-81	SHORT CHIP			
R9277	1-218-990-81	SHORT CHIP				R9332	1-218-977-11	RES-CHIP	100K	5%	1/16W
R9278	1-218-990-81	SHORT CHIP				R9333	1-218-969-11	RES-CHIP	22K	5%	1/16W
R9279	1-218-990-81	SHORT CHIP				R9334	1-218-935-11	RES-CHIP	33	5%	1/16W
R9283	1-218-933-11	RES-CHIP	22	5%	1/16W	R9335	1-218-943-11	RES-CHIP	150	5%	1/16W
R9284	1-218-990-81	SHORT CHIP				R9336	1-218-969-11	RES-CHIP	22K	5%	1/16W
R9285	1-218-990-81	SHORT CHIP				R9337	1-218-990-81	SHORT CHIP			
R9286	1-218-990-81	SHORT CHIP				R9338	1-218-971-11	RES-CHIP	33K	5%	1/16W
R9287	1-218-990-81	SHORT CHIP				R9339	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R9288	1-218-990-81	SHORT CHIP				R9340	1-218-967-11	RES-CHIP	15K	5%	1/16W
R9289	1-218-990-81	SHORT CHIP				R9341	1-218-971-11	RES-CHIP	33K	5%	1/16W
R9290	1-218-933-11	RES-CHIP	22	5%	1/16W	R9342	1-218-953-11	RES-CHIP	1K	5%	1/16W
R9291	1-218-990-81	SHORT CHIP				R9343	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R9294	1-218-990-81	SHORT CHIP				R9344	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R9295	1-218-990-81	SHORT CHIP				R9345	1-208-721-11	METAL CHIP	39K	0.50%	1/16W
R9296	1-218-990-81	SHORT CHIP				R9346	1-208-931-11	METAL CHIP	68K	0.50%	1/16W
R9297	1-218-990-81	SHORT CHIP				R9347	1-208-931-11	METAL CHIP	68K	0.50%	1/16W
R9298	1-218-990-81	SHORT CHIP				R9348	1-218-941-81	RES-CHIP	100	5%	1/16W
R9299	1-218-990-81	SHORT CHIP				R9349	1-218-949-11	RES-CHIP	470	5%	1/16W
R9301	1-218-990-81	SHORT CHIP				R9357	1-218-941-81	RES-CHIP	100	5%	1/16W
R9302	1-218-990-81	SHORT CHIP				R9358	1-218-941-81	RES-CHIP	100	5%	1/16W
R9303	1-218-969-11	RES-CHIP	22K	5%	1/16W	R9359	1-218-941-81	RES-CHIP	100	5%	1/16W
R9304	1-218-953-11	RES-CHIP	1K	5%	1/16W	R9360	1-218-941-81	RES-CHIP	100	5%	1/16W
R9305	1-218-941-81	RES-CHIP	100	5%	1/16W	R9361	1-218-941-81	RES-CHIP	100	5%	1/16W
R9308	1-218-990-81	SHORT CHIP				R9362	1-218-941-81	RES-CHIP	100	5%	1/16W
R9309	1-218-990-81	SHORT CHIP				R9363	1-218-941-81	RES-CHIP	100	5%	1/16W
R9310	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R9364	1-218-941-81	RES-CHIP	100	5%	1/16W
R9311	1-218-941-81	RES-CHIP	100	5%	1/16W	R9365	1-218-941-81	RES-CHIP	100	5%	1/16W
R9312	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R9366	1-218-941-81	RES-CHIP	100	5%	1/16W
R9313	1-218-949-11	RES-CHIP	470	5%	1/16W	R9367	1-218-941-81	RES-CHIP	100	5%	1/16W
R9314	1-218-977-11	RES-CHIP	100K	5%	1/16W	R9368	1-218-941-81	RES-CHIP	100	5%	1/16W
R9315	1-218-989-11	RES-CHIP	1M	5%	1/16W	R9369	1-218-941-81	RES-CHIP	100	5%	1/16W
R9316	1-218-965-11	RES-CHIP	10K	5%	1/16W	R9370	1-218-941-81	RES-CHIP	100	5%	1/16W
R9317	1-218-973-11	RES-CHIP	47K	5%	1/16W	R9371	1-218-941-81	RES-CHIP	100	5%	1/16W
R9318	1-218-969-11	RES-CHIP	22K	5%	1/16W	R9372	1-218-941-81	RES-CHIP	100	5%	1/16W
R9319	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R9373	1-218-941-81	RES-CHIP	100	5%	1/16W
R9320	1-218-967-11	RES-CHIP	15K	5%	1/16W	R9374	1-218-941-81	RES-CHIP	100	5%	1/16W
R9321	1-218-967-11	RES-CHIP	15K	5%	1/16W	R9375	1-218-941-81	RES-CHIP	100	5%	1/16W
R9322	1-218-977-11	RES-CHIP	100K	5%	1/16W	R9376	1-218-941-81	RES-CHIP	100	5%	1/16W
R9323	1-218-981-11	RES-CHIP	220K	5%	1/16W	R9379	1-218-941-81	RES-CHIP	100	5%	1/16W
R9324	1-218-965-11	RES-CHIP	10K	5%	1/16W	R9380	1-218-941-81	RES-CHIP	100	5%	1/16W





REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R9382	1-218-933-11	RES-CHIP	22	5%	1/16W	R9503	1-218-990-81	SHORT CHIP			
R9384	1-218-941-81	RES-CHIP	100	5%	1/16W	R9504	1-218-990-81	SHORT CHIP			
R9385	1-218-933-11	RES-CHIP	22	5%	1/16W	R9505	1-218-990-81	SHORT CHIP			
R9387	1-218-941-81	RES-CHIP	100	5%	1/16W	R9506	1-218-990-81	SHORT CHIP			
R9388	1-216-797-11	METAL CHIP	10	5%	1/10W	R9511	1-218-990-81	SHORT CHIP			
R9389	1-218-941-81	RES-CHIP	100	5%	1/16W	R9512	1-218-990-81	SHORT CHIP			
R9390	1-218-990-81	SHORT CHIP				R9513	1-218-990-81	SHORT CHIP			
R9391	1-208-635-11	METAL CHIP	10	0.50%	1/16W	R9514	1-218-990-81	SHORT CHIP			
R9392	1-218-983-11	RES-CHIP	330K	5%	1/16W	R9515	1-218-990-81	SHORT CHIP			
R9393	1-218-983-11	RES-CHIP	330K	5%	1/16W	R9516	1-218-990-81	SHORT CHIP			
R9394	1-218-983-11	RES-CHIP	330K	5%	1/16W	R9517	1-218-990-81	SHORT CHIP			
R9395	1-218-975-11	RES-CHIP	68K	5%	1/16W	R9518	1-218-990-81	SHORT CHIP			
R9396	1-218-975-11	RES-CHIP	68K	5%	1/16W	R9519	1-218-990-81	SHORT CHIP			
R9398	1-218-941-81	RES-CHIP	100	5%	1/16W	R9521	1-218-953-11	RES-CHIP	1K	5%	1/16W
R9399	1-218-941-81	RES-CHIP	100	5%	1/16W	R9522	1-218-941-81	RES-CHIP	100	5%	1/16W
R9400	1-218-941-81	RES-CHIP	100	5%	1/16W	R9523	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9401	1-218-941-81	RES-CHIP	100	5%	1/16W	R9525	1-218-941-81	RES-CHIP	100	5%	1/16W
R9402	1-218-941-81	RES-CHIP	100	5%	1/16W	R9526	1-218-990-81	SHORT CHIP			
R9403	1-218-941-81	RES-CHIP	100	5%	1/16W	R9527	1-218-990-81	SHORT CHIP			
R9405	1-218-941-81	RES-CHIP	100	5%	1/16W	R9528	1-218-941-81	RES-CHIP	100	5%	1/16W
R9407	1-208-707-11	METAL CHIP	10K	0.50%	1/16W	R9551	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9408	1-218-941-81	RES-CHIP	100	5%	1/16W	R9552	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9409	1-218-941-81	RES-CHIP	100	5%	1/16W	R9553	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9410	1-218-941-81	RES-CHIP	100	5%	1/16W	R9554	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W
R9411	1-218-941-81	RES-CHIP	100	5%	1/16W	R9555	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W
R9412	1-218-937-11	RES-CHIP	47	5%	1/16W	R9556	1-218-953-11	RES-CHIP	1K	5%	1/16W
R9413	1-218-941-81	RES-CHIP	100	5%	1/16W	R9557	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9414	1-218-941-81	RES-CHIP	100	5%	1/16W	R9558	1-208-905-11	METAL CHIP	5.6K	0.50%	1/16W
R9415	1-218-937-11	RES-CHIP	47	5%	1/16W	R9559	1-218-990-81	SHORT CHIP			
R9424	1-216-815-11	METAL CHIP	330	5%	1/10W	R9560	1-208-893-11	METAL CHIP	1.8K	0.50%	1/16W
R9425	1-218-965-11	RES-CHIP	10K	5%	1/16W	R9561	1-208-927-11	METAL CHIP	47K	0.50%	1/16W
R9426	1-218-965-11	RES-CHIP	10K	5%	1/16W	R9562	1-218-965-11	RES-CHIP	10K	5%	1/16W
R9439	1-216-815-11	METAL CHIP	330	5%	1/10W	R9563	1-216-864-11	SHORT CHIP			
R9440	1-216-864-11	SHORT CHIP				R9565	1-218-985-11	RES-CHIP	470K	5%	1/16W
R9441	1-216-864-11	SHORT CHIP				R9567	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R9442	1-218-941-81	RES-CHIP	100	5%	1/16W	R9568	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R9445	1-218-941-81	RES-CHIP	100	5%	1/16W	R9569	1-218-967-11	RES-CHIP	15K	5%	1/16W
R9446	1-218-941-81	RES-CHIP	100	5%	1/16W	R9571	1-216-864-11	SHORT CHIP			
R9448	1-218-941-81	RES-CHIP	100	5%	1/16W	R9572	1-218-969-11	RES-CHIP	22K	5%	1/16W
R9449	1-218-941-81	RES-CHIP	100	5%	1/16W	R9574	1-208-709-11	METAL CHIP	12K	0.50%	1/16W
R9471	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R9575	1-208-941-11	METAL CHIP	180K	0.50%	1/16W
R9500	1-218-990-81	SHORT CHIP				R9576	1-208-927-11	METAL CHIP	47K	0.50%	1/16W
R9501	1-218-990-81	SHORT CHIP				R9577	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R9502	1-218-990-81	SHORT CHIP				R9578	1-208-911-11	METAL CHIP	10K	0.50%	1/16W



**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.**

# AU BE2

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
VD9005	1-803-974-21	VARISTOR, CHIP	(1608)		<b>A-1212-256-A BE2 BOARD, COMPLETE (KDL-40XBR2 ONLY)</b>		
VD9006	1-803-974-21	VARISTOR, CHIP	(1608)				
VD9007	1-803-974-21	VARISTOR, CHIP	(1608)		<b>A-1212-544-A BE2 BOARD, COMPLETE (KDL-46XBR2 ONLY)</b>		
VD9008	1-803-974-21	VARISTOR, CHIP	(1608)				
VD9009	1-803-974-21	VARISTOR, CHIP	(1608)				
VD9010	1-803-974-21	VARISTOR, CHIP	(1608)				
VD9011	1-803-974-21	VARISTOR, CHIP	(1608)				
VD9012	1-803-974-21	VARISTOR, CHIP	(1608)				
VD9013	1-803-974-21	VARISTOR, CHIP	(1608)				
VD9014	1-803-974-21	VARISTOR, CHIP	(1608)				
VD9015	1-803-974-21	VARISTOR, CHIP	(1608)				
VD9021	1-803-974-21	VARISTOR, CHIP	(1608)				
VD9022	1-803-974-21	VARISTOR, CHIP	(1608)				
VD9701	1-803-974-21	VARISTOR, CHIP	(1608)				
VD9703	1-803-974-21	VARISTOR, CHIP	(1608)				
VD9704	1-803-974-21	VARISTOR, CHIP	(1608)				
VD9706	1-803-974-21	VARISTOR, CHIP	(1608)				
VD9707	1-803-974-21	VARISTOR, CHIP	(1608)				
VD9708	1-803-974-21	VARISTOR, CHIP	(1608)				
VD9709	1-803-974-21	VARISTOR, CHIP	(1608)				
VD9710	1-803-974-21	VARISTOR, CHIP	(1608)				
VD9711	1-803-974-21	VARISTOR, CHIP	(1608)				
VD9712	1-803-974-21	VARISTOR, CHIP	(1608)				
VD9715	1-803-974-21	VARISTOR, CHIP	(1608)				
VD9716	1-803-974-21	VARISTOR, CHIP	(1608)				
VD9717	1-803-974-21	VARISTOR, CHIP	(1608)				
VD9718	1-803-974-21	VARISTOR, CHIP	(1608)				
VD9719	1-803-974-21	VARISTOR, CHIP	(1608)				
<b>CRYSTAL</b>							
X8001	1-813-784-21	VIBRATOR, CRYSTAL					
X8002	1-813-113-11	VIBRATOR, CRYSTAL					
X8402	1-795-612-11	VIBRATOR, CRYSTAL					
X9351	1-813-124-21	VIBRATOR, CERAMIC					
				<b>CAPACITOR</b>			
C3602	1-112-065-11	CERAMIC CHIP	4.7μF 10% 16V				
C3603	1-112-065-11	CERAMIC CHIP	4.7μF 10% 16V				
C3610	1-100-916-11	CERAMIC CHIP	0.1μF 10% 16V				
C3612	1-126-391-11	ELECT CHIP	47μF 20% 6.3V				
C3614	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V				
C3616	1-164-344-11	CERAMIC CHIP	0.068μF 10% 25V				
C3617	1-100-909-11	CERAMIC CHIP	10μF 10% 6.3V				
C3619	1-100-907-11	CERAMIC CHIP	0.1μF 10% 10V				
C3620	1-100-907-11	CERAMIC CHIP	0.1μF 10% 10V				
C3621	1-114-130-11	CERAMIC CHIP	1μF 6.3V				
C3622	1-114-130-11	CERAMIC CHIP	1μF 6.3V				
C3623	1-114-130-11	CERAMIC CHIP	1μF 6.3V				
C3627	1-164-874-11	CERAMIC CHIP	100pF 5% 50V				
C3628	1-164-882-11	CERAMIC CHIP	220pF 5% 16V				
C3632	1-164-864-11	CERAMIC CHIP	39pF 5% 50V				
C3637	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V				
C3639	1-112-067-11	CERAMIC CHIP	0.22μF 10% 16V				
C3640	1-115-412-11	CERAMIC CHIP	680pF 5% 25V				
C3641	1-131-661-21	ELECT CHIP	100μF 20% 10V				
C3642	1-131-661-21	ELECT CHIP	100μF 20% 10V				
C3643	1-162-959-11	CERAMIC CHIP	330pF 5% 50V				
C3644	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V				
C3645	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V				
C3647	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V				
C3648	1-100-907-11	CERAMIC CHIP	0.1μF 10% 10V				
C3649	1-100-907-11	CERAMIC CHIP	0.1μF 10% 10V				
C3650	1-112-776-11	CERAMIC CHIP	0.0047μF 10% 50V				
C3651	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V				
C3652	1-100-907-11	CERAMIC CHIP	0.1μF 10% 10V				
C3653	1-112-776-11	CERAMIC CHIP	0.0047μF 10% 50V				
C3654	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V				
C3655	1-114-130-11	CERAMIC CHIP	1μF 6.3V				
C3656	1-114-130-11	CERAMIC CHIP	1μF 6.3V				
C3657	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V				
C3658	1-100-907-11	CERAMIC CHIP	0.1μF 10% 10V				





REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
C3659	1-112-776-11	CERAMIC CHIP	0.0047μF 10% 50V	C4041	1-164-874-11	CERAMIC CHIP	100pF 5% 50V
C3660	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	C4042	1-164-874-11	CERAMIC CHIP	100pF 5% 50V
C3661	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	C4300	1-112-065-11	CERAMIC CHIP	4.7μF 10% 16V
C3662	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	C4301	1-112-065-11	CERAMIC CHIP	4.7μF 10% 16V
C3663	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	C4302	1-112-065-11	CERAMIC CHIP	4.7μF 10% 16V
C3664	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	C4303	1-112-065-11	CERAMIC CHIP	4.7μF 10% 16V
C3665	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	C4304	1-112-065-11	CERAMIC CHIP	4.7μF 10% 16V
C3666	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	C4305	1-112-065-11	CERAMIC CHIP	4.7μF 10% 16V
C3667	1-131-661-21	ELECT CHIP	100μF 20% 10V	C4306	1-100-909-11	CERAMIC CHIP	10μF 10% 6.3V
C3668	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	C4307	1-100-909-11	CERAMIC CHIP	10μF 10% 6.3V
C3669	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	C4311	1-162-969-11	CERAMIC CHIP	0.0068μF 10% 25V
C3670	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	C4317	1-162-969-11	CERAMIC CHIP	0.0068μF 10% 25V
C3673	1-162-959-11	CERAMIC CHIP	330pF 5% 50V	C4318	1-164-230-11	CERAMIC CHIP	220pF 5% 50V
C3681	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	C4319	1-164-230-11	CERAMIC CHIP	220pF 5% 50V
C4000	1-112-777-11	CERAMIC CHIP	0.01μF 10% 25V	C4322	1-112-065-11	CERAMIC CHIP	4.7μF 10% 16V
C4001	1-117-681-11	ELECT CHIP	100μF 20% 16V	C4323	1-112-065-11	CERAMIC CHIP	4.7μF 10% 16V
C4002	1-117-681-11	ELECT CHIP	100μF 20% 16V	C4324	1-112-065-11	CERAMIC CHIP	4.7μF 10% 16V
C4003	1-117-681-11	ELECT CHIP	100μF 20% 16V	C4325	1-112-065-11	CERAMIC CHIP	4.7μF 10% 16V
C4004	1-117-681-11	ELECT CHIP	100μF 20% 16V	C4326	1-162-959-11	CERAMIC CHIP	330pF 5% 50V
C4005	1-117-681-11	ELECT CHIP	100μF 20% 16V	C4327	1-162-959-11	CERAMIC CHIP	330pF 5% 50V
C4006	1-112-777-11	CERAMIC CHIP	0.01μF 10% 25V	C4328	1-100-591-91	CERAMIC CHIP	1μF 10% 25V
C4009	1-100-566-91	CERAMIC CHIP	0.1μF 10% 25V	C4329	1-100-591-91	CERAMIC CHIP	1μF 10% 25V
C4010	1-100-916-11	CERAMIC CHIP	0.1μF 10% 16V	C4330	1-100-591-91	CERAMIC CHIP	1μF 10% 25V
C4011	1-100-911-11	CERAMIC CHIP	4.7μF 10% 25V	C4331	1-100-591-91	CERAMIC CHIP	1μF 10% 25V
C4012	1-112-065-11	CERAMIC CHIP	4.7μF 10% 16V	C4332	1-100-591-91	CERAMIC CHIP	1μF 10% 25V
C4019	1-164-874-11	CERAMIC CHIP	100pF 5% 50V	C4333	1-100-591-91	CERAMIC CHIP	1μF 10% 25V
C4020	1-100-905-11	CERAMIC CHIP	0.001μF 10% 50V	C4334	1-100-907-11	CERAMIC CHIP	0.1μF 10% 10V
C4021	1-164-874-11	CERAMIC CHIP	100pF 5% 50V	C4335	1-100-907-11	CERAMIC CHIP	0.1μF 10% 10V
C4022	1-164-874-11	CERAMIC CHIP	100pF 5% 50V	C4336	1-164-227-11	CERAMIC CHIP	0.022μF 10% 25V
C4023	1-164-874-11	CERAMIC CHIP	100pF 5% 50V	C4337	1-164-227-11	CERAMIC CHIP	0.022μF 10% 25V
C4024	1-164-874-11	CERAMIC CHIP	100pF 5% 50V	C4338	1-115-412-11	CERAMIC CHIP	680pF 5% 25V
C4025	1-164-874-11	CERAMIC CHIP	100pF 5% 50V	C4339	1-115-412-11	CERAMIC CHIP	680pF 5% 25V
C4026	1-164-874-11	CERAMIC CHIP	100pF 5% 50V	C4340	1-164-227-11	CERAMIC CHIP	0.022μF 10% 25V
C4027	1-164-874-11	CERAMIC CHIP	100pF 5% 50V	C4341	1-164-227-11	CERAMIC CHIP	0.022μF 10% 25V
C4028	1-164-874-11	CERAMIC CHIP	100pF 5% 50V	C4343	1-100-909-11	CERAMIC CHIP	10μF 10% 6.3V
C4029	1-164-874-11	CERAMIC CHIP	100pF 5% 50V	C4345	1-100-909-11	CERAMIC CHIP	10μF 10% 6.3V
C4033	1-164-874-11	CERAMIC CHIP	100pF 5% 50V	C4347	1-100-911-11	CERAMIC CHIP	4.7μF 10% 25V
C4034	1-164-874-11	CERAMIC CHIP	100pF 5% 50V	C4348	1-100-118-21	ELECT CHIP	82μF 20% 16V
C4035	1-164-874-11	CERAMIC CHIP	100pF 5% 50V	C4349	1-100-907-11	CERAMIC CHIP	0.1μF 10% 10V
C4036	1-164-874-11	CERAMIC CHIP	100pF 5% 50V	C4350	1-100-907-11	CERAMIC CHIP	0.1μF 10% 10V
C4037	1-164-874-11	CERAMIC CHIP	100pF 5% 50V	C4351	1-100-911-11	CERAMIC CHIP	4.7μF 10% 25V
C4038	1-164-874-11	CERAMIC CHIP	100pF 5% 50V	C4352	1-100-911-11	CERAMIC CHIP	4.7μF 10% 25V
C4039	1-164-874-11	CERAMIC CHIP	100pF 5% 50V	C4354	1-112-777-11	CERAMIC CHIP	0.01μF 10% 25V
C4040	1-164-874-11	CERAMIC CHIP	100pF 5% 50V	C4355	1-162-965-11	CERAMIC CHIP	0.0015μF 10% 50V



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C4356	1-115-414-11	CERAMIC CHIP	820pF	5%	25V	C4427	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4357	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4428	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4361	1-162-964-11	CERAMIC CHIP	0.001μF	10%	50V	C4429	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4363	1-112-065-11	CERAMIC CHIP	4.7μF	10%	16V	C4430	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4364	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C4431	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4367	1-162-925-11	CERAMIC CHIP	68pF	5%	50V	C4432	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4368	1-112-065-11	CERAMIC CHIP	4.7μF	10%	16V	C4433	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4369	1-112-065-11	CERAMIC CHIP	4.7μF	10%	16V	C4434	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4370	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V	C4435	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4371	1-164-230-11	CERAMIC CHIP	220pF	5%	50V	C4436	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4372	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V	C4437	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4373	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V	C4438	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4374	1-100-591-91	CERAMIC CHIP	1μF	10%	25V	C4500	1-162-923-11	CERAMIC CHIP	47pF	5%	50V
C4375	1-100-911-11	CERAMIC CHIP	4.7μF	10%	25V	C4501	1-162-923-11	CERAMIC CHIP	47pF	5%	50V
C4376	1-100-591-91	CERAMIC CHIP	1μF	10%	25V	C4502	1-162-923-11	CERAMIC CHIP	47pF	5%	50V
C4377	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C4503	1-162-923-11	CERAMIC CHIP	47pF	5%	50V
C4378	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C4504	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
C4379	1-100-591-91	CERAMIC CHIP	1μF	10%	25V	C4505	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V
C4380	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4506	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C4381	1-100-591-91	CERAMIC CHIP	1μF	10%	25V	C4507	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C4382	1-165-672-21	ELECT CHIP	47μF	20%	10V	C4508	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4383	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V	C4509	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4385	1-164-227-11	CERAMIC CHIP	0.022μF	10%	25V	C4510	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4386	1-162-921-11	CERAMIC CHIP	33pF	5%	50V	C4511	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4387	1-164-315-11	CERAMIC CHIP	470pF	5%	50V	C4512	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4390	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C4513	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4392	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C4514	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4393	1-126-391-11	ELECT CHIP	47μF	20%	6.3V	C4515	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4395	1-126-391-11	ELECT CHIP	47μF	20%	6.3V	C4519	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4399	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4521	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4400	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4523	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4401	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4524	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4402	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4525	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C4403	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4526	1-100-916-11	CERAMIC CHIP	0.1μF	10%	16V
C4404	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4528	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4405	1-112-777-11	CERAMIC CHIP	0.01μF	10%	25V	C4529	1-124-779-00	ELECT CHIP	10μF	20%	16V
C4406	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C4531	1-124-779-00	ELECT CHIP	10μF	20%	16V
C4407	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C4532	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C4411	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C4533	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C4416	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C4534	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4419	1-126-391-11	ELECT CHIP	47μF	20%	6.3V	C4536	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C4424	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C4537	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C4425	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C4538	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C4426	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C4539	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C4540	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4816	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4541	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4817	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4542	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4818	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4543	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C4819	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4544	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C4820	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4545	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4821	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4547	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C4822	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4548	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C4823	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4552	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4824	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4553	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4825	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C4554	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4826	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C4555	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4827	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4556	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4828	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C4557	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4829	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4558	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4830	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4559	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C4831	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4561	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C4832	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4562	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C4833	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4563	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C4834	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C4565	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4835	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C4566	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4836	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4567	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C4837	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4568	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4838	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C4569	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C4839	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4570	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C4840	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C4572	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C4841	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C4574	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4842	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C4578	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4843	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C4581	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4844	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C4582	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C4847	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C4583	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C4849	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C4585	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C4850	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C4586	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C4856	1-131-661-21	ELECT CHIP	100μF	20%	10V
C4800	1-131-661-21	ELECT CHIP	100μF	20%	10V	C4857	1-131-661-21	ELECT CHIP	100μF	20%	10V
C4804	1-131-661-21	ELECT CHIP	100μF	20%	10V	C4858	1-131-661-21	ELECT CHIP	100μF	20%	10V
C4806	1-131-661-21	ELECT CHIP	100μF	20%	10V	C4859	1-131-661-21	ELECT CHIP	100μF	20%	10V
C4807	1-131-661-21	ELECT CHIP	100μF	20%	10V	C4860	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4808	1-131-661-21	ELECT CHIP	100μF	20%	10V	C4861	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4809	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C4862	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4811	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C4863	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4812	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C4864	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4813	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C4865	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4814	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C4866	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4815	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C4867	1-114-130-11	CERAMIC CHIP	1μF	6.3V	



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C4868	1-100-566-91	CERAMIC CHIP	0.1μF	10%	25V	C5035	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4869	1-112-065-11	CERAMIC CHIP	4.7μF	10%	16V	C5036	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4870	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5037	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4871	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5038	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4872	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5039	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C4873	1-131-661-21	ELECT CHIP	100μF	20%	10V	C5040	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4875	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V	C5041	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4876	1-131-661-21	ELECT CHIP	100μF	20%	10V	C5042	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4879	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V	C5043	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4880	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5044	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C4885	1-126-391-11	ELECT CHIP	47μF	20%	6.3V	C5045	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5001	1-100-963-21	ELECT CHIP	330μF	20%	4V	C5046	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5003	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V	C5047	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5004	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5048	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5005	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5050	1-126-391-11	ELECT CHIP	47μF	20%	6.3V
C5006	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5051	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5007	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5054	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C5008	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5058	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5009	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5059	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C5010	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5062	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5011	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5064	1-112-781-11	CERAMIC CHIP	1μF	10%	10V
C5012	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5065	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5013	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5066	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5014	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5067	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5015	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5068	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5016	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5069	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5017	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5070	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5018	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5071	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5019	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5072	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5020	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5073	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5021	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5074	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5022	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5075	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5023	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5076	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5024	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5077	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5025	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5078	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5026	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5079	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5027	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5080	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5028	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5081	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5029	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5082	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5030	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5083	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5031	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5084	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5032	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5085	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5033	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5086	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5034	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5088	1-112-066-11	CERAMIC CHIP	10μF	10%	10V





REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C5089	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C5137	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C5091	1-126-391-11	ELECT CHIP	47μF	20%	6.3V	C5138	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C5092	1-126-391-11	ELECT CHIP	47μF	20%	6.3V	C5139	1-126-391-11	ELECT CHIP	47μF	20%	6.3V
C5093	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5140	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5094	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5141	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5095	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5142	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5096	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5143	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5100	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5144	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5101	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5145	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5102	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5146	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5103	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5147	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C5104	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5148	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5105	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5149	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5106	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5150	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C5107	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5151	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
C5108	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5152	1-126-391-11	ELECT CHIP	47μF	20%	6.3V
C5109	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5153	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5110	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5154	1-126-391-11	ELECT CHIP	47μF	20%	6.3V
C5111	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5155	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5112	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5156	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5113	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5157	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5114	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5158	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5115	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5159	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5116	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5160	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5117	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5161	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5118	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5162	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5119	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5163	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5120	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5164	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5121	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5165	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5122	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5166	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C5123	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5167	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5124	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5168	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5125	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5169	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5126	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5170	1-126-391-11	ELECT CHIP	47μF	20%	6.3V
C5127	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5171	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5128	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5172	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C5129	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5179	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V
C5130	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5180	1-164-840-11	CERAMIC CHIP	1pF	0.25pF	50V
C5131	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5181	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C5132	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5182	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5133	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5183	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5134	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5184	1-126-391-11	ELECT CHIP	47μF	20%	6.3V
C5135	1-112-785-11	ELECT CHIP	180μF	20%	2.5V	C5185	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C5136	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C5186	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V
						C5187	1-112-066-11	CERAMIC CHIP	10μF	10%	10V





REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
C5387	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5467	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5388	1-114-130-11	CERAMIC CHIP	1μF		6.3V	C5468	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5389	1-100-963-21	ELECT CHIP	330μF	20%	4V	C5469	1-164-850-11	CERAMIC CHIP	10pF	0.50pF	50V
C5391	1-112-064-11	CERAMIC CHIP	2.2μF	10%	10V	C5605	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5392	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5606	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5393	1-164-874-11	CERAMIC CHIP	100pF	5%	50V	C5607	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5394	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C5608	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5395	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C5609	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5396	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C5610	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5397	1-100-909-11	CERAMIC CHIP	10μF	10%	6.3V	C5611	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5401	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5612	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5402	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C5613	1-131-661-21	ELECT CHIP	100μF	20%	10V
C5403	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5615	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C5404	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5616	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C5405	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5617	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5406	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5618	1-100-905-11	CERAMIC CHIP	0.001μF	10%	50V
C5407	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5629	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C5408	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5800	1-100-907-11	CERAMIC CHIP	0.1μF	10%	10V
C5409	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5802	1-112-066-11	CERAMIC CHIP	10μF	10%	10V
C5410	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5803	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5411	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5804	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5412	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5805	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5413	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5806	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5414	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5807	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5415	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5808	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5416	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5809	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5417	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5810	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5418	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5811	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5451	1-112-066-11	CERAMIC CHIP	10μF	10%	10V	C5812	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5452	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5813	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5453	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5814	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5454	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5815	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5455	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5816	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5456	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5817	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5457	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5818	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5458	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5819	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5459	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5820	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5460	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5821	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5461	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5822	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5462	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5823	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5463	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5824	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5464	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5825	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5465	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5826	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V
C5466	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V	C5827	1-100-906-11	CERAMIC CHIP	0.01μF	10%	16V



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
C5828	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	C5920	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V
C5829	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	C5921	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V
C5830	1-131-661-21	ELECT CHIP	100μF 20% 10V	C5922	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V
C5832	1-164-848-11	CERAMIC CHIP	8pF 0.50pF 50V	C5923	1-164-874-11	CERAMIC CHIP	100pF 5% 50V
C5833	1-164-848-11	CERAMIC CHIP	8pF 0.50pF 50V	C5924	1-112-066-11	CERAMIC CHIP	10μF 10% 10V
C5835	1-100-909-11	CERAMIC CHIP	10μF 10% 6.3V	C5925	1-100-907-11	CERAMIC CHIP	0.1μF 10% 10V
C5836	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	C5926	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V
C5837	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	C5927	1-100-905-11	CERAMIC CHIP	0.001μF 10% 50V
C5838	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	C5928	1-164-874-11	CERAMIC CHIP	100pF 5% 50V
C5839	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V				
C5840	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	<b>CONNECTOR</b>			
C5841	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	CN4001	1-819-461-11	HEADER ASSEMBLY FOR PWB	
C5842	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	CN4002	1-819-862-11	CONNECTOR, BOARD TO BOARD	140P
C5843	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	* CN4004	1-820-550-11	HEADER ASSEMBLY FOR PWB	
C5844	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	* CN4201	1-817-738-61	CONNECTOR, BOARD TO BOARD	80P
C5845	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	* CN4500	1-818-400-11	HDMI CONNECTOR	
C5852	1-100-421-21	ELECT CHIP	220μF 20% 6.3V	* CN4501	1-818-400-11	HDMI CONNECTOR	
C5853	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	CN4502	1-818-562-21	CONNECTOR (RECEPTACLE)	17P
C5854	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	CN5100	1-770-851-21	PIN, CONNECTOR (PC BOARD)	6P
C5855	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	* CN5900	1-820-443-11	HEADER ASSEMBLY FOR PWB	
C5856	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	<b>DIODE</b>			
C5857	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	D4300	8-719-069-29	DIODE	RB520S-30TE61
C5858	1-100-421-21	ELECT CHIP	220μF 20% 6.3V	D4301	8-719-069-29	DIODE	RB520S-30TE61
C5865	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	D4302	8-719-078-04	DIODE	EC31QS03L-TE12L
C5900	1-164-874-11	CERAMIC CHIP	100pF 5% 50V	D4303	8-719-078-04	DIODE	EC31QS03L-TE12L
C5901	1-100-905-11	CERAMIC CHIP	0.001μF 10% 50V	D4304	8-719-078-04	DIODE	EC31QS03L-TE12L
C5902	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	D4305	8-719-078-04	DIODE	EC31QS03L-TE12L
C5903	1-100-907-11	CERAMIC CHIP	0.1μF 10% 10V	D4306	6-501-528-01	DIODE	1SMA5915BT3G
C5904	1-112-066-11	CERAMIC CHIP	10μF 10% 10V	D4307	6-501-528-01	DIODE	1SMA5915BT3G
C5905	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	D4308	6-501-528-01	DIODE	1SMA5915BT3G
C5906	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	D4309	6-501-528-01	DIODE	1SMA5915BT3G
C5907	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	D4310	8-719-069-29	DIODE	RB520S-30TE61
C5908	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	D4311	8-719-069-29	DIODE	RB520S-30TE61
C5909	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	D4312	8-719-056-82	DIODE	UDZ-TE-17-6.2B
C5910	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	D4313	8-719-069-29	DIODE	RB520S-30TE61
C5911	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	D4314	8-719-078-04	DIODE	EC31QS03L-TE12L
C5912	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	D4315	8-719-078-04	DIODE	EC31QS03L-TE12L
C5913	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	D4316	6-501-529-01	DIODE	1SMA5920BT3G
C5914	1-100-905-11	CERAMIC CHIP	0.001μF 10% 50V	D4317	6-501-528-01	DIODE	1SMA5915BT3G
C5915	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	D4318	6-501-529-01	DIODE	1SMA5920BT3G
C5916	1-100-907-11	CERAMIC CHIP	0.1μF 10% 10V	D4319	8-719-069-29	DIODE	RB520S-30TE61
C5917	1-112-066-11	CERAMIC CHIP	10μF 10% 10V	D4500	6-500-701-01	DIODE	PGB1010603NR
C5918	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	D4501	6-500-701-01	DIODE	PGB1010603NR
C5919	1-100-906-11	CERAMIC CHIP	0.01μF 10% 16V	D4502	6-500-701-01	DIODE	PGB1010603NR











REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R3654	1-218-990-81	SHORT CHIP				R4004	1-218-990-81	SHORT CHIP			
R3656	1-208-927-11	METAL CHIP	47K	0.50%	1/16W	R4005	1-218-933-11	RES-CHIP	22	5%	1/16W
R3657	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W	R4006	1-218-933-11	RES-CHIP	22	5%	1/16W
R3658	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4007	1-218-955-11	RES-CHIP	1.5K	5%	1/16W
R3659	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4008	1-218-973-11	RES-CHIP	47K	5%	1/16W
R3663	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R4009	1-218-959-11	RES-CHIP	3.3K	5%	1/16W
R3666	1-208-691-11	METAL CHIP	2.2K	0.50%	1/16W	R4010	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R3667	1-218-849-11	METAL CHIP	1.2K	0.50%	1/10W	R4018	1-218-990-81	SHORT CHIP			
R3668	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R4019	1-218-990-81	SHORT CHIP			
R3672	1-218-849-11	METAL CHIP	1.2K	0.50%	1/10W	R4020	1-218-990-81	SHORT CHIP			
R3673	1-218-929-11	RES-CHIP	10	5%	1/16W	R4023	1-218-990-81	SHORT CHIP			
R3674	1-218-929-11	RES-CHIP	10	5%	1/16W	R4027	1-218-990-81	SHORT CHIP			
R3675	1-218-929-11	RES-CHIP	10	5%	1/16W	R4028	1-218-990-81	SHORT CHIP			
R3679	1-218-929-11	RES-CHIP	10	5%	1/16W	R4029	1-218-990-81	SHORT CHIP			
R3680	1-218-929-11	RES-CHIP	10	5%	1/16W	R4030	1-218-990-81	SHORT CHIP			
R3681	1-218-990-81	SHORT CHIP				R4031	1-218-990-81	SHORT CHIP			
R3682	1-218-990-81	SHORT CHIP				R4033	1-218-990-81	SHORT CHIP			
R3683	1-218-990-81	SHORT CHIP				R4034	1-218-990-81	SHORT CHIP			
R3684	1-218-990-81	SHORT CHIP				R4035	1-218-990-81	SHORT CHIP			
R3685	1-218-990-81	SHORT CHIP				R4036	1-218-990-81	SHORT CHIP			
R3686	1-218-990-81	SHORT CHIP				R4037	1-218-990-81	SHORT CHIP			
R3687	1-218-929-11	RES-CHIP	10	5%	1/16W	R4038	1-218-956-11	RES-CHIP	1.8K	5%	1/16W
R3688	1-218-933-11	RES-CHIP	22	5%	1/16W	R4039	1-218-956-11	RES-CHIP	1.8K	5%	1/16W
R3689	1-218-990-81	SHORT CHIP				R4040	1-218-990-81	SHORT CHIP			
R3690	1-218-990-81	SHORT CHIP				R4041	1-218-990-81	SHORT CHIP			
R3691	1-218-990-81	SHORT CHIP				R4045	1-218-990-81	SHORT CHIP			
R3692	1-218-990-81	SHORT CHIP				R4046	1-218-990-81	SHORT CHIP			
R3694	1-218-990-81	SHORT CHIP				R4047	1-218-990-81	SHORT CHIP			
R3695	1-218-990-81	SHORT CHIP				R4048	1-218-990-81	SHORT CHIP			
R3696	1-218-990-81	SHORT CHIP				R4051	1-218-990-81	SHORT CHIP			
R3697	1-218-933-11	RES-CHIP	22	5%	1/16W	R4052	1-218-990-81	SHORT CHIP			
R3698	1-218-990-81	SHORT CHIP				R4056	1-218-990-81	SHORT CHIP			
R3699	1-218-990-81	SHORT CHIP				R4057	1-218-990-81	SHORT CHIP			
R3700	1-218-933-11	RES-CHIP	22	5%	1/16W	R4060	1-218-990-81	SHORT CHIP			
R3701	1-218-937-11	RES-CHIP	47	5%	1/16W	R4061	1-218-990-81	SHORT CHIP			
R3702	1-218-937-11	RES-CHIP	47	5%	1/16W	R4062	1-218-990-81	SHORT CHIP			
R3703	1-218-990-81	SHORT CHIP				R4063	1-218-990-81	SHORT CHIP			
R3704	1-218-990-81	SHORT CHIP				R4064	1-218-990-81	SHORT CHIP			
R3706	1-218-990-81	SHORT CHIP				R4065	1-218-990-81	SHORT CHIP			
R3733	1-218-990-81	SHORT CHIP				R4068	1-218-990-81	SHORT CHIP			
R3734	1-218-990-81	SHORT CHIP				R4069	1-218-990-81	SHORT CHIP			
R3747	1-218-990-81	SHORT CHIP				R4070	1-218-990-81	SHORT CHIP			
R3748	1-218-939-11	RES-CHIP	68	5%	1/16W	R4072	1-218-990-81	SHORT CHIP			
R3749	1-218-939-11	RES-CHIP	68	5%	1/16W	R4074	1-218-990-81	SHORT CHIP			





REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R4076	1-218-990-81	SHORT CHIP				R4236	1-218-950-11	RES-CHIP	560	5%	1/16W
R4077	1-218-990-81	SHORT CHIP				R4240	1-218-990-81	SHORT CHIP			
R4079	1-218-990-81	SHORT CHIP				R4241	1-218-990-81	SHORT CHIP			
R4081	1-218-990-81	SHORT CHIP				R4244	1-218-990-81	SHORT CHIP			
R4082	1-218-990-81	SHORT CHIP				R4247	1-218-990-81	SHORT CHIP			
R4084	1-218-990-81	SHORT CHIP				R4248	1-218-990-81	SHORT CHIP			
R4086	1-218-990-81	SHORT CHIP				R4306	1-218-985-11	RES-CHIP	470K	5%	1/16W
R4089	1-218-990-81	SHORT CHIP				R4308	1-218-985-11	RES-CHIP	470K	5%	1/16W
R4090	1-218-990-81	SHORT CHIP				R4310	1-218-953-11	RES-CHIP	1K	5%	1/16W
R4091	1-218-990-81	SHORT CHIP				R4311	1-218-953-11	RES-CHIP	1K	5%	1/16W
R4092	1-218-990-81	SHORT CHIP				R4321	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R4093	1-218-990-81	SHORT CHIP				R4322	1-218-957-11	RES-CHIP	2.2K	5%	1/16W
R4095	1-218-990-81	SHORT CHIP				R4324	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W
R4096	1-218-990-81	SHORT CHIP				R4325	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R4097	1-218-990-81	SHORT CHIP				R4326	1-208-927-11	METAL CHIP	47K	0.50%	1/16W
R4098	1-218-990-81	SHORT CHIP				R4327	1-218-958-11	RES-CHIP	2.7K	5%	1/16W
R4099	1-218-990-81	SHORT CHIP				R4328	1-208-931-11	METAL CHIP	68K	0.50%	1/16W
R4100	1-218-990-81	SHORT CHIP				R4329	1-208-927-11	METAL CHIP	47K	0.50%	1/16W
R4101	1-218-990-81	SHORT CHIP				R4332	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R4104	1-218-990-81	SHORT CHIP				R4333	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R4105	1-218-990-81	SHORT CHIP				R4334	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R4106	1-218-990-81	SHORT CHIP				R4335	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R4107	1-218-990-81	SHORT CHIP				R4336	1-208-905-11	METAL CHIP	5.6K	0.50%	1/16W
R4108	1-218-990-81	SHORT CHIP				R4337	1-208-905-11	METAL CHIP	5.6K	0.50%	1/16W
R4109	1-218-950-11	RES-CHIP	560	5%	1/16W	R4340	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W
R4110	1-218-990-81	SHORT CHIP				R4341	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W
R4111	1-218-990-81	SHORT CHIP				R4342	1-208-927-11	METAL CHIP	47K	0.50%	1/16W
R4205	1-218-990-81	SHORT CHIP				R4343	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W
R4206	1-218-990-81	SHORT CHIP				R4344	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W
R4207	1-218-990-81	SHORT CHIP				R4345	1-208-927-11	METAL CHIP	47K	0.50%	1/16W
R4208	1-218-990-81	SHORT CHIP				R4346	1-218-949-11	RES-CHIP	470	5%	1/16W
R4209	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4347	1-218-949-11	RES-CHIP	470	5%	1/16W
R4210	1-218-990-81	SHORT CHIP				R4348	1-218-985-11	RES-CHIP	470K	5%	1/16W
R4216	1-218-990-81	SHORT CHIP				R4350	1-218-985-11	RES-CHIP	470K	5%	1/16W
R4222	1-218-990-81	SHORT CHIP				R4352	1-218-947-11	RES-CHIP	330	5%	1/16W
R4223	1-218-990-81	SHORT CHIP				R4353	1-218-947-11	RES-CHIP	330	5%	1/16W
R4224	1-218-990-81	SHORT CHIP				R4354	1-218-990-81	SHORT CHIP			
R4225	1-218-990-81	SHORT CHIP				R4355	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4226	1-218-990-81	SHORT CHIP				R4356	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4230	1-218-933-11	RES-CHIP	22	5%	1/16W	R4357	1-218-973-11	RES-CHIP	47K	5%	1/16W
R4231	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4358	1-218-953-11	RES-CHIP	1K	5%	1/16W
R4232	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4359	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4234	1-218-956-11	RES-CHIP	1.8K	5%	1/16W	R4360	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R4235	1-218-956-11	RES-CHIP	1.8K	5%	1/16W	R4361	1-218-973-11	RES-CHIP	47K	5%	1/16W



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R4362	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R4515	1-218-941-81	RES-CHIP	100	5%	1/16W
R4363	1-208-715-11	METAL CHIP	22K	0.50%	1/16W	R4516	1-218-941-81	RES-CHIP	100	5%	1/16W
R4364	1-218-990-81	SHORT CHIP				R4517	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R4365	1-218-990-81	SHORT CHIP				R4518	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R4366	1-218-969-11	RES-CHIP	22K	5%	1/16W	R4519	1-218-973-11	RES-CHIP	47K	5%	1/16W
R4368	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R4520	1-218-973-11	RES-CHIP	47K	5%	1/16W
R4369	1-218-958-11	RES-CHIP	2.7K	5%	1/16W	R4521	1-218-973-11	RES-CHIP	47K	5%	1/16W
R4370	1-208-933-11	METAL CHIP	82K	0.50%	1/16W	R4522	1-218-973-11	RES-CHIP	47K	5%	1/16W
R4371	1-218-985-11	RES-CHIP	470K	5%	1/16W	R4523	1-218-973-11	RES-CHIP	47K	5%	1/16W
R4374	1-218-963-11	RES-CHIP	6.8K	5%	1/16W	R4524	1-218-973-11	RES-CHIP	47K	5%	1/16W
R4375	1-218-990-81	SHORT CHIP				R4526	1-218-990-81	SHORT CHIP			
R4384	1-218-967-11	RES-CHIP	15K	5%	1/16W	R4527	1-218-990-81	SHORT CHIP			
R4386	1-208-909-11	METAL CHIP	8.2K	0.50%	1/16W	R4528	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4387	1-208-935-11	METAL CHIP	100K	0.50%	1/16W	R4529	1-218-990-81	SHORT CHIP			
R4388	1-208-927-11	METAL CHIP	47K	0.50%	1/16W	R4530	1-218-990-81	SHORT CHIP			
R4390	1-208-711-11	METAL CHIP	15K	0.50%	1/16W	R4533	1-218-990-81	SHORT CHIP			
R4391	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R4534	1-218-990-81	SHORT CHIP			
R4392	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W	R4535	1-218-990-81	SHORT CHIP			
R4400	1-208-721-11	METAL CHIP	39K	0.50%	1/16W	R4536	1-218-929-11	RES-CHIP	10	5%	1/16W
R4401	1-208-939-11	METAL CHIP	150K	0.50%	1/16W	R4537	1-218-929-11	RES-CHIP	10	5%	1/16W
R4402	1-208-927-11	METAL CHIP	47K	0.50%	1/16W	R4538	1-218-929-11	RES-CHIP	10	5%	1/16W
R4403	1-218-969-11	RES-CHIP	22K	5%	1/16W	R4539	1-218-929-11	RES-CHIP	10	5%	1/16W
R4404	1-216-864-11	SHORT CHIP				R4540	1-218-929-11	RES-CHIP	10	5%	1/16W
R4405	1-216-864-11	SHORT CHIP				R4541	1-218-929-11	RES-CHIP	10	5%	1/16W
R4406	1-216-864-11	SHORT CHIP				R4542	1-218-929-11	RES-CHIP	10	5%	1/16W
R4407	1-216-864-11	SHORT CHIP				R4543	1-218-929-11	RES-CHIP	10	5%	1/16W
R4408	1-218-985-11	RES-CHIP	470K	5%	1/16W	R4544	1-218-990-81	SHORT CHIP			
R4410	1-218-967-11	RES-CHIP	15K	5%	1/16W	R4545	1-218-990-81	SHORT CHIP			
R4411	1-216-864-11	SHORT CHIP				R4546	1-218-929-11	RES-CHIP	10	5%	1/16W
R4412	1-216-864-11	SHORT CHIP				R4547	1-218-929-11	RES-CHIP	10	5%	1/16W
R4413	1-216-864-11	SHORT CHIP				R4548	1-218-929-11	RES-CHIP	10	5%	1/16W
R4414	1-216-864-11	SHORT CHIP				R4549	1-218-929-11	RES-CHIP	10	5%	1/16W
R4503	1-218-929-11	RES-CHIP	10	5%	1/16W	R4550	1-218-929-11	RES-CHIP	10	5%	1/16W
R4504	1-218-929-11	RES-CHIP	10	5%	1/16W	R4551	1-218-929-11	RES-CHIP	10	5%	1/16W
R4505	1-216-815-11	METAL CHIP	330	5%	1/10W	R4552	1-218-929-11	RES-CHIP	10	5%	1/16W
R4506	1-216-815-11	METAL CHIP	330	5%	1/10W	R4553	1-218-929-11	RES-CHIP	10	5%	1/16W
R4507	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R4554	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R4508	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R4555	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R4509	1-216-853-11	METAL CHIP	470K	5%	1/10W	R4557	1-218-990-81	SHORT CHIP			
R4510	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R4559	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R4511	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R4560	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R4512	1-216-853-11	METAL CHIP	470K	5%	1/10W	R4562	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4513	1-218-941-81	RES-CHIP	100	5%	1/16W	R4563	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4514	1-218-941-81	RES-CHIP	100	5%	1/16W	R4566	1-218-990-81	SHORT CHIP			



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R4571	1-218-990-81	SHORT CHIP				R4630	1-218-990-81	SHORT CHIP			
R4572	1-218-951-11	RES-CHIP	680	5%	1/16W	R4631	1-218-990-81	SHORT CHIP			
R4573	1-218-951-11	RES-CHIP	680	5%	1/16W	R4632	1-218-990-81	SHORT CHIP			
R4574	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W	R4633	1-218-990-81	SHORT CHIP			
R4576	1-218-951-11	RES-CHIP	680	5%	1/16W	R4634	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W
R4577	1-218-990-81	SHORT CHIP				R4635	1-218-990-81	SHORT CHIP			
R4578	1-218-990-81	SHORT CHIP				R4636	1-218-990-81	SHORT CHIP			
R4580	1-218-990-81	SHORT CHIP				R4637	1-218-990-81	SHORT CHIP			
R4581	1-218-990-81	SHORT CHIP				R4638	1-218-990-81	SHORT CHIP			
R4587	1-218-937-11	RES-CHIP	47	5%	1/16W	R4639	1-218-990-81	SHORT CHIP			
R4588	1-218-937-11	RES-CHIP	47	5%	1/16W	R4640	1-218-990-81	SHORT CHIP			
R4589	1-218-937-11	RES-CHIP	47	5%	1/16W	R4641	1-218-990-81	SHORT CHIP			
R4590	1-218-990-81	SHORT CHIP				R4642	1-218-990-81	SHORT CHIP			
R4591	1-218-990-81	SHORT CHIP				R4643	1-218-990-81	SHORT CHIP			
R4592	1-218-990-81	SHORT CHIP				R4648	1-218-990-81	SHORT CHIP			
R4593	1-218-990-81	SHORT CHIP				R4649	1-218-990-81	SHORT CHIP			
R4594	1-218-990-81	SHORT CHIP				R4650	1-218-990-81	SHORT CHIP			
R4595	1-218-990-81	SHORT CHIP				R4652	1-218-990-81	SHORT CHIP			
R4596	1-218-990-81	SHORT CHIP				R4654	1-218-990-81	SHORT CHIP			
R4597	1-218-990-81	SHORT CHIP				R4659	1-218-990-81	SHORT CHIP			
R4598	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R4700	1-218-990-81	SHORT CHIP			
R4599	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R4702	1-218-990-81	SHORT CHIP			
R4600	1-216-864-11	SHORT CHIP				R4704	1-218-990-81	SHORT CHIP			
R4601	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4706	1-218-990-81	SHORT CHIP			
R4602	1-218-937-11	RES-CHIP	47	5%	1/16W	R4710	1-218-990-81	SHORT CHIP			
R4603	1-218-937-11	RES-CHIP	47	5%	1/16W	R4712	1-216-295-91	SHORT CHIP			
R4605	1-216-864-11	SHORT CHIP				R4800	1-216-864-11	SHORT CHIP			
R4609	1-218-990-81	SHORT CHIP				R4801	1-218-990-81	SHORT CHIP			
R4610	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	R4802	1-218-937-11	RES-CHIP	47	5%	1/16W
R4611	1-218-937-11	RES-CHIP	47	5%	1/16W	R4803	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4612	1-218-937-11	RES-CHIP	47	5%	1/16W	R4804	1-218-935-11	RES-CHIP	33	5%	1/16W
R4613	1-218-937-11	RES-CHIP	47	5%	1/16W	R4805	1-218-929-11	RES-CHIP	10	5%	1/16W
R4617	1-218-937-11	RES-CHIP	47	5%	1/16W	R4807	1-218-929-11	RES-CHIP	10	5%	1/16W
R4618	1-218-937-11	RES-CHIP	47	5%	1/16W	R4811	1-218-929-11	RES-CHIP	10	5%	1/16W
R4619	1-218-937-11	RES-CHIP	47	5%	1/16W	R4812	1-218-929-11	RES-CHIP	10	5%	1/16W
R4620	1-218-937-11	RES-CHIP	47	5%	1/16W	R4813	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4621	1-218-937-11	RES-CHIP	47	5%	1/16W	R4814	1-218-933-11	RES-CHIP	22	5%	1/16W
R4622	1-218-935-11	RES-CHIP	33	5%	1/16W	R4815	1-218-958-11	RES-CHIP	2.7K	5%	1/16W
R4623	1-216-864-11	SHORT CHIP				R4819	1-218-929-11	RES-CHIP	10	5%	1/16W
R4624	1-218-990-81	SHORT CHIP				R4820	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4626	1-218-990-81	SHORT CHIP				R4821	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4627	1-218-990-81	SHORT CHIP				R4823	1-218-990-81	SHORT CHIP			
R4628	1-218-990-81	SHORT CHIP				R4824	1-218-990-81	SHORT CHIP			
R4629	1-218-990-81	SHORT CHIP				R4825	1-218-990-81	SHORT CHIP			



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R4826	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4882	1-218-941-81	RES-CHIP	100	5%	1/16W
R4827	1-218-965-11	RES-CHIP	10K	5%	1/16W	R4883	1-218-941-81	RES-CHIP	100	5%	1/16W
R4829	1-218-990-81	SHORT CHIP				R4884	1-218-941-81	RES-CHIP	100	5%	1/16W
R4831	1-220-884-81	METAL CHIP	39	0.50%	1/16W	R4885	1-218-941-81	RES-CHIP	100	5%	1/16W
R4833	1-208-675-11	METAL CHIP	470	0.50%	1/16W	R4886	1-218-941-81	RES-CHIP	100	5%	1/16W
R4835	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W	R4887	1-218-941-81	RES-CHIP	100	5%	1/16W
R4836	1-208-893-11	METAL CHIP	1.8K	0.50%	1/16W	R4888	1-218-941-81	RES-CHIP	100	5%	1/16W
R4837	1-218-849-11	METAL CHIP	1.2K	0.50%	1/10W	R4892	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4838	1-216-815-11	METAL CHIP	330	5%	1/10W	R4893	1-218-965-11	RES-CHIP	10K	5%	1/16W
R4839	1-216-864-11	SHORT CHIP				R4894	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R4840	1-216-815-11	METAL CHIP	330	5%	1/10W	R4895	1-218-990-81	SHORT CHIP			
R4841	1-216-864-11	SHORT CHIP				R4898	1-208-885-11	METAL CHIP	820	0.50%	1/16W
R4844	1-218-990-81	SHORT CHIP				R4902	1-218-990-81	SHORT CHIP			
R4845	1-218-937-11	RES-CHIP	47	5%	1/16W	R4907	1-218-941-81	RES-CHIP	100	5%	1/16W
R4846	1-218-945-11	RES-CHIP	220	5%	1/16W	R4908	1-218-941-81	RES-CHIP	100	5%	1/16W
R4847	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W	R4909	1-218-941-81	RES-CHIP	100	5%	1/16W
R4848	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W	R4910	1-218-990-81	SHORT CHIP			
R4849	1-218-943-11	RES-CHIP	150	5%	1/16W	R4912	1-218-990-81	SHORT CHIP			
R4851	1-218-951-11	RES-CHIP	680	5%	1/16W	R4914	1-218-990-81	SHORT CHIP			
R4852	1-218-941-11	RES-CHIP	100	5%	1/16W	R4915	1-218-990-81	SHORT CHIP			
R4853	1-218-990-81	SHORT CHIP				R4921	1-218-953-11	RES-CHIP	1K	5%	1/16W
R4854	1-218-941-11	RES-CHIP	100	5%	1/16W	R4922	1-208-677-11	METAL CHIP	560	0.50%	1/16W
R4856	1-218-990-81	SHORT CHIP				R4923	1-218-990-81	SHORT CHIP			
R4857	1-218-990-81	SHORT CHIP				R4924	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W
R4859	1-218-990-81	SHORT CHIP				R4925	1-218-933-11	RES-CHIP	22	5%	1/16W
R4861	1-218-990-81	SHORT CHIP				R4933	1-218-990-81	SHORT CHIP			
R4862	1-218-941-11	RES-CHIP	100	5%	1/16W	R4936	1-208-643-11	METAL CHIP	22	0.50%	1/16W
R4863	1-218-941-11	RES-CHIP	100	5%	1/16W	R4939	1-216-814-11	METAL CHIP	270	5%	1/10W
R4866	1-218-990-81	SHORT CHIP				R4940	1-216-804-11	METAL CHIP	39	5%	1/10W
R4867	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W	R4942	1-218-929-11	RES-CHIP	10	5%	1/16W
R4868	1-218-958-11	RES-CHIP	2.7K	5%	1/16W	R4943	1-218-935-11	RES-CHIP	33	5%	1/16W
R4869	1-218-990-81	SHORT CHIP				R4944	1-218-990-81	SHORT CHIP			
R4870	1-218-953-11	RES-CHIP	1K	5%	1/16W	R4946	1-208-643-11	METAL CHIP	22	0.50%	1/16W
R4871	1-216-815-11	METAL CHIP	330	5%	1/10W	R4949	1-216-814-11	METAL CHIP	270	5%	1/10W
R4872	1-216-815-11	METAL CHIP	330	5%	1/10W	R4950	1-216-804-11	METAL CHIP	39	5%	1/10W
R4873	1-216-815-11	METAL CHIP	330	5%	1/10W	R4951	1-216-814-11	METAL CHIP	270	5%	1/10W
R4874	1-218-990-81	SHORT CHIP				R4952	1-216-804-11	METAL CHIP	39	5%	1/10W
R4875	1-218-990-81	SHORT CHIP				R4953	1-218-969-11	RES-CHIP	22K	5%	1/16W
R4876	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W	R4954	1-218-969-11	RES-CHIP	22K	5%	1/16W
R4877	1-218-958-11	RES-CHIP	2.7K	5%	1/16W	R4955	1-218-969-11	RES-CHIP	22K	5%	1/16W
R4878	1-218-990-81	SHORT CHIP				R4956	1-218-990-81	SHORT CHIP			
R4879	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R4959	1-208-643-11	METAL CHIP	22	0.50%	1/16W
R4880	1-208-683-11	METAL CHIP	1K	0.50%	1/16W	R5000	1-216-864-11	SHORT CHIP			
R4881	1-218-941-11	RES-CHIP	100	5%	1/16W	R5001	1-216-864-11	SHORT CHIP			





REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R5002	1-218-949-11	RES-CHIP	470	5%	1/16W	R5060	1-218-941-81	RES-CHIP	100	5%	1/16W
R5003	1-218-937-11	RES-CHIP	47	5%	1/16W	R5061	1-218-941-81	RES-CHIP	100	5%	1/16W
R5005	1-218-937-11	RES-CHIP	47	5%	1/16W	R5062	1-218-941-81	RES-CHIP	100	5%	1/16W
R5006	1-218-990-81	SHORT CHIP				R5067	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5007	1-218-939-11	RES-CHIP	68	5%	1/16W	R5070	1-218-990-81	SHORT CHIP			
R5009	1-218-939-11	RES-CHIP	68	5%	1/16W	R5071	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5010	1-218-935-11	RES-CHIP	33	5%	1/16W	R5072	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5011	1-218-990-81	SHORT CHIP				R5073	1-218-935-11	RES-CHIP	33	5%	1/16W
R5013	1-218-937-11	RES-CHIP	47	5%	1/16W	R5075	1-218-935-11	RES-CHIP	33	5%	1/16W
R5014	1-218-937-11	RES-CHIP	47	5%	1/16W	R5077	1-218-935-11	RES-CHIP	33	5%	1/16W
R5015	1-218-941-81	RES-CHIP	100	5%	1/16W	R5079	1-218-935-11	RES-CHIP	33	5%	1/16W
R5017	1-218-990-81	SHORT CHIP				R5080	1-218-990-81	SHORT CHIP			
R5018	1-216-864-11	SHORT CHIP				R5100	1-218-933-11	RES-CHIP	22	5%	1/16W
R5020	1-218-990-81	SHORT CHIP				R5101	1-218-933-11	RES-CHIP	22	5%	1/16W
R5021	1-218-990-81	SHORT CHIP				R5102	1-218-933-11	RES-CHIP	22	5%	1/16W
R5022	1-218-935-11	RES-CHIP	33	5%	1/16W	R5103	1-218-933-11	RES-CHIP	22	5%	1/16W
R5024	1-218-990-81	SHORT CHIP				R5104	1-218-933-11	RES-CHIP	22	5%	1/16W
R5025	1-218-990-81	SHORT CHIP				R5105	1-218-933-11	RES-CHIP	22	5%	1/16W
R5028	1-216-166-00	RES-CHIP	47	5%	1/8W	R5106	1-218-933-11	RES-CHIP	22	5%	1/16W
R5029	1-216-166-00	RES-CHIP	47	5%	1/8W	R5107	1-218-933-11	RES-CHIP	22	5%	1/16W
R5030	1-216-166-00	RES-CHIP	47	5%	1/8W	R5108	1-218-990-81	SHORT CHIP			
R5031	1-216-166-00	RES-CHIP	47	5%	1/8W	R5109	1-218-990-81	SHORT CHIP			
R5032	1-218-990-81	SHORT CHIP				R5110	1-218-941-81	RES-CHIP	100	5%	1/16W
R5033	1-218-935-11	RES-CHIP	33	5%	1/16W	R5112	1-218-990-81	SHORT CHIP			
R5034	1-218-929-11	RES-CHIP	10	5%	1/16W	R5113	1-218-949-11	RES-CHIP	470	5%	1/16W
R5039	1-218-990-81	SHORT CHIP				R5114	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5040	1-218-935-11	RES-CHIP	33	5%	1/16W	R5117	1-218-990-81	SHORT CHIP			
R5041	1-218-941-81	RES-CHIP	100	5%	1/16W	R5119	1-218-941-81	RES-CHIP	100	5%	1/16W
R5042	1-218-941-81	RES-CHIP	100	5%	1/16W	R5120	1-216-864-11	SHORT CHIP			
R5043	1-218-941-81	RES-CHIP	100	5%	1/16W	R5121	1-218-990-81	SHORT CHIP			
R5044	1-218-941-81	RES-CHIP	100	5%	1/16W	R5122	1-218-935-11	RES-CHIP	33	5%	1/16W
R5045	1-218-941-81	RES-CHIP	100	5%	1/16W	R5123	1-218-990-81	SHORT CHIP			
R5046	1-218-941-81	RES-CHIP	100	5%	1/16W	R5125	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5047	1-218-941-81	RES-CHIP	100	5%	1/16W	R5127	1-218-990-81	SHORT CHIP			
R5048	1-218-941-81	RES-CHIP	100	5%	1/16W	R5128	1-218-941-81	RES-CHIP	100	5%	1/16W
R5049	1-218-941-81	RES-CHIP	100	5%	1/16W	R5130	1-218-935-11	RES-CHIP	33	5%	1/16W
R5050	1-218-941-81	RES-CHIP	100	5%	1/16W	R5131	1-218-990-81	SHORT CHIP			
R5051	1-218-941-81	RES-CHIP	100	5%	1/16W	R5132	1-218-990-81	SHORT CHIP			
R5052	1-218-941-81	RES-CHIP	100	5%	1/16W	R5134	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5055	1-218-939-11	RES-CHIP	68	5%	1/16W	R5135	1-218-929-11	RES-CHIP	10	5%	1/16W
R5056	1-218-990-81	SHORT CHIP				R5137	1-218-941-81	RES-CHIP	100	5%	1/16W
R5057	1-218-990-81	SHORT CHIP				R5138	1-218-941-81	RES-CHIP	100	5%	1/16W
R5058	1-218-990-81	SHORT CHIP				R5139	1-218-941-81	RES-CHIP	100	5%	1/16W
R5059	1-218-939-11	RES-CHIP	68	5%	1/16W	R5140	1-208-893-11	METAL CHIP	1.8K	0.50%	1/16W



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R5141	1-218-849-11	METAL CHIP	1.2K	0.50%	1/10W	R5200	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5142	1-218-935-11	RES-CHIP	33	5%	1/16W	R5202	1-218-973-11	RES-CHIP	47K	5%	1/16W
R5143	1-218-990-81	SHORT CHIP				R5203	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5144	1-218-935-11	RES-CHIP	33	5%	1/16W	R5206	1-218-969-11	RES-CHIP	22K	5%	1/16W
R5145	1-218-941-81	RES-CHIP	100	5%	1/16W	R5207	1-218-977-11	RES-CHIP	100K	5%	1/16W
R5146	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5208	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5147	1-218-990-81	SHORT CHIP				R5209	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5149	1-218-990-81	SHORT CHIP				R5210	1-218-945-11	RES-CHIP	220	5%	1/16W
R5152	1-218-937-11	RES-CHIP	47	5%	1/16W	R5301	1-218-933-11	RES-CHIP	22	5%	1/16W
R5155	1-218-990-81	SHORT CHIP				R5302	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5158	1-218-990-81	SHORT CHIP				R5303	1-218-933-11	RES-CHIP	22	5%	1/16W
R5159	1-218-935-11	RES-CHIP	33	5%	1/16W	R5304	1-218-933-11	RES-CHIP	22	5%	1/16W
R5160	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5305	1-218-990-81	SHORT CHIP			
R5162	1-218-937-11	RES-CHIP	47	5%	1/16W	R5307	1-218-933-11	RES-CHIP	22	5%	1/16W
R5163	1-218-937-11	RES-CHIP	47	5%	1/16W	R5308	1-218-933-11	RES-CHIP	22	5%	1/16W
R5164	1-218-990-81	SHORT CHIP				R5309	1-218-933-11	RES-CHIP	22	5%	1/16W
R5165	1-218-937-11	RES-CHIP	47	5%	1/16W	R5310	1-218-933-11	RES-CHIP	22	5%	1/16W
R5166	1-218-937-11	RES-CHIP	47	5%	1/16W	R5311	1-218-933-11	RES-CHIP	22	5%	1/16W
R5167	1-218-937-11	RES-CHIP	47	5%	1/16W	R5312	1-218-933-11	RES-CHIP	22	5%	1/16W
R5168	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5313	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5171	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5315	1-218-933-11	RES-CHIP	22	5%	1/16W
R5174	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5316	1-218-933-11	RES-CHIP	22	5%	1/16W
R5175	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5318	1-218-933-11	RES-CHIP	22	5%	1/16W
R5177	1-218-929-11	RES-CHIP	10	5%	1/16W	R5319	1-218-933-11	RES-CHIP	22	5%	1/16W
R5178	1-218-990-81	SHORT CHIP				R5320	1-218-933-11	RES-CHIP	22	5%	1/16W
R5179	1-218-990-81	SHORT CHIP				R5321	1-218-933-11	RES-CHIP	22	5%	1/16W
R5180	1-218-953-11	RES-CHIP	1K	5%	1/16W	R5322	1-218-933-11	RES-CHIP	22	5%	1/16W
R5181	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5323	1-218-933-11	RES-CHIP	22	5%	1/16W
R5182	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5324	1-218-933-11	RES-CHIP	22	5%	1/16W
R5183	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5325	1-218-937-11	RES-CHIP	47	5%	1/16W
R5184	1-218-953-11	RES-CHIP	1K	5%	1/16W	R5326	1-218-937-11	RES-CHIP	47	5%	1/16W
R5185	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5327	1-218-937-11	RES-CHIP	47	5%	1/16W
R5186	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R5328	1-218-937-11	RES-CHIP	47	5%	1/16W
R5187	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R5329	1-218-937-11	RES-CHIP	47	5%	1/16W
R5188	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R5330	1-218-937-11	RES-CHIP	47	5%	1/16W
R5189	1-218-957-11	RES-CHIP	2.2K	5%	1/16W	R5331	1-218-937-11	RES-CHIP	47	5%	1/16W
R5191	1-218-935-11	RES-CHIP	33	5%	1/16W	R5332	1-218-937-11	RES-CHIP	47	5%	1/16W
R5192	1-218-935-11	RES-CHIP	33	5%	1/16W	R5333	1-218-990-81	SHORT CHIP			
R5193	1-218-935-11	RES-CHIP	33	5%	1/16W	R5334	1-218-933-11	RES-CHIP	22	5%	1/16W
R5194	1-218-941-81	RES-CHIP	100	5%	1/16W	R5335	1-218-933-11	RES-CHIP	22	5%	1/16W
R5195	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5336	1-218-933-11	RES-CHIP	22	5%	1/16W
R5196	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5337	1-218-933-11	RES-CHIP	22	5%	1/16W
R5197	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5339	1-216-295-91	SHORT CHIP			
R5199	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5340	1-218-933-11	RES-CHIP	22	5%	1/16W



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R5341	1-218-933-11	RES-CHIP	22	5%	1/16W	R5423	1-218-937-11	RES-CHIP	47	5%	1/16W
R5342	1-218-933-11	RES-CHIP	22	5%	1/16W	R5424	1-218-937-11	RES-CHIP	47	5%	1/16W
R5343	1-218-937-11	RES-CHIP	47	5%	1/16W	R5425	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5344	1-218-933-11	RES-CHIP	22	5%	1/16W	R5428	1-218-990-81	SHORT CHIP			
R5345	1-218-937-11	RES-CHIP	47	5%	1/16W	R5429	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5346	1-218-937-11	RES-CHIP	47	5%	1/16W	R5430	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5347	1-218-937-11	RES-CHIP	47	5%	1/16W	R5431	1-218-990-81	SHORT CHIP			
R5348	1-218-937-11	RES-CHIP	47	5%	1/16W	R5432	1-218-990-81	SHORT CHIP			
R5349	1-218-937-11	RES-CHIP	47	5%	1/16W	R5433	1-218-990-81	SHORT CHIP			
R5350	1-218-937-11	RES-CHIP	47	5%	1/16W	R5440	1-218-937-11	RES-CHIP	47	5%	1/16W
R5351	1-218-937-11	RES-CHIP	47	5%	1/16W	R5441	1-218-933-11	RES-CHIP	22	5%	1/16W
R5352	1-218-937-11	RES-CHIP	47	5%	1/16W	R5442	1-218-937-11	RES-CHIP	47	5%	1/16W
R5353	1-218-937-11	RES-CHIP	47	5%	1/16W	R5443	1-218-939-11	RES-CHIP	68	5%	1/16W
R5354	1-218-937-11	RES-CHIP	47	5%	1/16W	R5444	1-218-939-11	RES-CHIP	68	5%	1/16W
R5355	1-218-937-11	RES-CHIP	47	5%	1/16W	R5445	1-218-990-81	SHORT CHIP			
R5356	1-218-990-81	SHORT CHIP				R5446	1-218-933-11	RES-CHIP	22	5%	1/16W
R5357	1-218-933-11	RES-CHIP	22	5%	1/16W	R5448	1-218-929-11	RES-CHIP	10	5%	1/16W
R5358	1-218-933-11	RES-CHIP	22	5%	1/16W	R5449	1-218-929-11	RES-CHIP	10	5%	1/16W
R5359	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R5451	1-218-933-11	RES-CHIP	22	5%	1/16W
R5360	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	R5452	1-218-933-11	RES-CHIP	22	5%	1/16W
R5361	1-218-929-11	RES-CHIP	10	5%	1/16W	R5453	1-218-933-11	RES-CHIP	22	5%	1/16W
R5362	1-218-975-11	RES-CHIP	68K	5%	1/16W	R5454	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5364	1-218-933-11	RES-CHIP	22	5%	1/16W	R5455	1-218-935-11	RES-CHIP	33	5%	1/16W
R5365	1-218-933-11	RES-CHIP	22	5%	1/16W	R5456	1-218-935-11	RES-CHIP	33	5%	1/16W
R5366	1-218-990-81	SHORT CHIP				R5457	1-218-935-11	RES-CHIP	33	5%	1/16W
R5401	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5461	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5402	1-218-941-81	RES-CHIP	100	5%	1/16W	R5462	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5403	1-218-941-81	RES-CHIP	100	5%	1/16W	R5463	1-218-990-81	SHORT CHIP			
R5404	1-218-935-11	RES-CHIP	33	5%	1/16W	R5464	1-218-990-81	SHORT CHIP			
R5405	1-218-933-11	RES-CHIP	22	5%	1/16W	R5465	1-218-990-81	SHORT CHIP			
R5406	1-218-933-11	RES-CHIP	22	5%	1/16W	R5466	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5407	1-218-933-11	RES-CHIP	22	5%	1/16W	R5467	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5408	1-218-933-11	RES-CHIP	22	5%	1/16W	R5472	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5409	1-218-933-11	RES-CHIP	22	5%	1/16W	R5473	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5410	1-218-933-11	RES-CHIP	22	5%	1/16W	R5474	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5411	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5475	1-218-939-11	RES-CHIP	68	5%	1/16W
R5412	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5477	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5414	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5478	1-218-937-11	RES-CHIP	47	5%	1/16W
R5415	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5479	1-218-937-11	RES-CHIP	47	5%	1/16W
R5417	1-218-933-11	RES-CHIP	22	5%	1/16W	R5481	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5418	1-218-933-11	RES-CHIP	22	5%	1/16W	R5483	1-218-990-81	SHORT CHIP			
R5419	1-218-939-11	RES-CHIP	68	5%	1/16W	R5484	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5420	1-218-937-11	RES-CHIP	47	5%	1/16W	R5485	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5422	1-218-935-11	RES-CHIP	33	5%	1/16W	R5486	1-218-933-11	RES-CHIP	22	5%	1/16W



REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R5487	1-218-933-11	RES-CHIP	22	5%	1/16W	R5655	1-218-933-11	RES-CHIP	22	5%	1/16W
R5488	1-218-929-11	RES-CHIP	10	5%	1/16W	R5656	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5489	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5657	1-218-933-11	RES-CHIP	22	5%	1/16W
R5490	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5661	1-218-933-11	RES-CHIP	22	5%	1/16W
R5558	1-218-969-11	RES-CHIP	22K	5%	1/16W	R5662	1-218-933-11	RES-CHIP	22	5%	1/16W
R5559	1-218-969-11	RES-CHIP	22K	5%	1/16W	R5663	1-218-941-81	RES-CHIP	100	5%	1/16W
R5560	1-218-969-11	RES-CHIP	22K	5%	1/16W	R5665	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5600	1-218-990-81	SHORT CHIP				R5667	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5605	1-218-990-81	SHORT CHIP				R5668	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5606	1-218-941-81	RES-CHIP	100	5%	1/16W	R5669	1-218-961-11	RES-CHIP	4.7K	5%	1/16W
R5609	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5670	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5611	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5672	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5612	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5674	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5614	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5675	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5615	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5676	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5617	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5677	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5621	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5679	1-218-990-81	SHORT CHIP			
R5623	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5681	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5624	1-218-990-81	SHORT CHIP				R5682	1-218-941-81	RES-CHIP	100	5%	1/16W
R5625	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5684	1-218-941-81	RES-CHIP	100	5%	1/16W
R5626	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5685	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R5628	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5687	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5629	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5688	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5631	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5689	1-218-941-81	RES-CHIP	100	5%	1/16W
R5632	1-218-941-81	RES-CHIP	100	5%	1/16W	R5690	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5633	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5691	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5634	1-218-941-81	RES-CHIP	100	5%	1/16W	R5692	1-218-933-11	RES-CHIP	22	5%	1/16W
R5635	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5693	1-218-933-11	RES-CHIP	22	5%	1/16W
R5636	1-218-955-11	RES-CHIP	1.5K	5%	1/16W	R5694	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5637	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5701	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5638	1-218-933-11	RES-CHIP	22	5%	1/16W	R5702	1-218-990-81	SHORT CHIP			
R5641	1-218-933-11	RES-CHIP	22	5%	1/16W	R5703	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5643	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5707	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5644	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5713	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W
R5645	1-218-990-81	SHORT CHIP				R5714	1-208-699-11	METAL CHIP	4.7K	0.50%	1/16W
R5646	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5718	1-208-687-11	METAL CHIP	1.5K	0.50%	1/16W
R5647	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5734	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5648	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5800	1-218-990-81	SHORT CHIP			
R5649	1-218-990-81	SHORT CHIP				R5801	1-218-937-11	RES-CHIP	47	5%	1/16W
R5650	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5802	1-218-990-81	SHORT CHIP			
R5651	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5803	1-218-990-81	SHORT CHIP			
R5652	1-218-933-11	RES-CHIP	22	5%	1/16W	R5806	1-218-965-11	RES-CHIP	10K	5%	1/16W
R5653	1-218-933-11	RES-CHIP	22	5%	1/16W	R5820	1-218-990-81	SHORT CHIP			
R5654	1-218-965-11	RES-CHIP	10K	5%	1/16W	R5821	1-218-990-81	SHORT CHIP			





REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES
R5822	1-218-990-81	SHORT CHIP				RB3602	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)	
R5823	1-218-965-11	RES-CHIP	10K	5%	1/16W	RB3603	1-234-711-21	RES, CHIP NETWORK 22X8 (3816)	
R5825	1-218-965-11	RES-CHIP	10K	5%	1/16W	RB3604	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)	
R5827	1-218-933-11	RES-CHIP	22	5%	1/16W	RB3605	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)	
R5828	1-218-939-11	RES-CHIP	68	5%	1/16W	RB4201	1-234-799-21	RES, CHIP NETWORK 10KX8 (3816)	
R5829	1-218-933-11	RES-CHIP	22	5%	1/16W	RB4203	1-234-887-21	RES, CHIP NETWORK 0X8 (3816)	
R5832	1-218-939-11	RES-CHIP	68	5%	1/16W	RB4205	1-234-887-21	RES, CHIP NETWORK 0X8 (3816)	
R5833	1-218-939-11	RES-CHIP	68	5%	1/16W	RB4206	1-234-887-21	RES, CHIP NETWORK 0X8 (3816)	
R5837	1-216-864-11	SHORT CHIP				RB4207	1-234-887-21	RES, CHIP NETWORK 0X8 (3816)	
R5841	1-216-864-11	SHORT CHIP				RB4208	1-234-887-21	RES, CHIP NETWORK 0X8 (3816)	
R5842	1-208-663-11	METAL CHIP	150	0.50%	1/16W	RB4500	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)	
R5843	1-208-663-11	METAL CHIP	150	0.50%	1/16W	RB4501	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)	
R5844	1-208-663-11	METAL CHIP	150	0.50%	1/16W	RB4502	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)	
R5845	1-208-663-11	METAL CHIP	150	0.50%	1/16W	RB4503	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)	
R5846	1-218-945-11	RES-CHIP	220	5%	1/16W	RB4504	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)	
R5847	1-208-663-11	METAL CHIP	150	0.50%	1/16W	RB4800	1-234-892-21	RES, CHIP NETWORK 33X8 (3816)	
R5848	1-208-663-11	METAL CHIP	150	0.50%	1/16W	RB4801	1-234-892-21	RES, CHIP NETWORK 33X8 (3816)	
R5849	1-218-989-11	RES-CHIP	1M	5%	1/16W	RB4802	1-234-881-21	RES, CHIP NETWORK 22KX8 (3816)	
R5850	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	RB4803	1-234-881-21	RES, CHIP NETWORK 22KX8 (3816)	
R5851	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	RB4804	1-234-378-21	RES, NETWORK 10K (1005X4)	
R5852	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	RB4805	1-234-372-11	RES, NETWORK 100 (1005X4)	
R5853	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	RB4806	1-234-372-11	RES, NETWORK 100 (1005X4)	
R5854	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	RB4807	1-234-372-11	RES, NETWORK 100 (1005X4)	
R5855	1-208-911-11	METAL CHIP	10K	0.50%	1/16W	RB4808	1-234-372-11	RES, NETWORK 100 (1005X4)	
R5901	1-218-990-81	SHORT CHIP				RB4811	1-234-372-11	RES, NETWORK 100 (1005X4)	
R5902	1-218-990-81	SHORT CHIP				RB4812	1-234-372-11	RES, NETWORK 100 (1005X4)	
R5903	1-218-990-81	SHORT CHIP				RB4813	1-234-372-11	RES, NETWORK 100 (1005X4)	
R5904	1-218-990-81	SHORT CHIP				RB4814	1-234-894-21	RES, CHIP NETWORK 470X8 (3816)	
R5907	1-218-990-81	SHORT CHIP				RB4815	1-234-894-21	RES, CHIP NETWORK 470X8 (3816)	
R5908	1-218-990-81	SHORT CHIP				RB4816	1-234-374-21	RES, NETWORK 470 (1005X4)	
R5912	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	RB4817	1-234-894-21	RES, CHIP NETWORK 470X8 (3816)	
R5913	1-218-961-11	RES-CHIP	4.7K	5%	1/16W	RB4818	1-234-894-21	RES, CHIP NETWORK 470X8 (3816)	
R5921	1-218-965-11	RES-CHIP	10K	5%	1/16W	RB4819	1-234-374-21	RES, NETWORK 470 (1005X4)	
R5923	1-218-965-11	RES-CHIP	10K	5%	1/16W	RB5000	1-245-943-21	RES, CHIP NETWORK 68X8 (3816)	
R5925	1-218-965-11	RES-CHIP	10K	5%	1/16W	RB5001	1-245-943-21	RES, CHIP NETWORK 68X8 (3816)	
R5926	1-218-965-11	RES-CHIP	10K	5%	1/16W	RB5002	1-245-943-21	RES, CHIP NETWORK 68X8 (3816)	
R5928	1-218-965-11	RES-CHIP	10K	5%	1/16W	RB5003	1-245-943-21	RES, CHIP NETWORK 68X8 (3816)	
R5934	1-218-933-11	RES-CHIP	22	5%	1/16W	RB5004	1-234-372-11	RES, NETWORK 100 (1005X4)	
R5935	1-218-933-11	RES-CHIP	22	5%	1/16W	RB5005	1-245-943-21	RES, CHIP NETWORK 68X8 (3816)	
R5936	1-218-990-81	SHORT CHIP				RB5006	1-245-943-21	RES, CHIP NETWORK 68X8 (3816)	
<b>RESISTOR BRIDGE</b>						RB5007	1-245-943-21	RES, CHIP NETWORK 68X8 (3816)	
RB3600	1-234-711-21	RES, CHIP NETWORK 22X8 (3816)				RB5008	1-234-372-11	RES, NETWORK 100 (1005X4)	
RB3601	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)				RB5009	1-245-943-21	RES, CHIP NETWORK 68X8 (3816)	
						RB5010	1-245-943-21	RES, CHIP NETWORK 68X8 (3816)	



REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
RB5011	1-234-785-21	RES, CHIP NETWORK 100X8(3816)		RB5319	1-234-371-21	RES, NETWORK 47	(1005X4)
RB5012	1-245-943-21	RES, CHIP NETWORK 68X8 (3816)		RB5320	1-234-371-21	RES, NETWORK 47	(1005X4)
RB5013	1-245-943-21	RES, CHIP NETWORK 68X8 (3816)		RB5321	1-234-371-21	RES, NETWORK 47	(1005X4)
RB5014	1-234-372-11	RES, NETWORK 100	(1005X4)	RB5322	1-234-371-21	RES, NETWORK 47	(1005X4)
RB5015	1-245-943-21	RES, CHIP NETWORK 68X8 (3816)		RB5323	1-234-371-21	RES, NETWORK 47	(1005X4)
RB5100	1-234-370-21	RES, NETWORK 22	(1005X4)	RB5324	1-234-371-21	RES, NETWORK 47	(1005X4)
RB5101	1-234-370-21	RES, NETWORK 22	(1005X4)	RB5325	1-234-371-21	RES, NETWORK 47	(1005X4)
RB5102	1-234-370-21	RES, NETWORK 22	(1005X4)	RB5326	1-234-371-21	RES, NETWORK 47	(1005X4)
RB5103	1-234-370-21	RES, NETWORK 22	(1005X4)	RB5327	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5104	1-234-370-21	RES, NETWORK 22	(1005X4)	RB5328	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5105	1-234-370-21	RES, NETWORK 22	(1005X4)	RB5329	1-234-371-21	RES, NETWORK 47	(1005X4)
RB5106	1-234-370-21	RES, NETWORK 22	(1005X4)	RB5330	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5107	1-234-370-21	RES, NETWORK 22	(1005X4)	RB5331	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5108	1-234-370-21	RES, NETWORK 22	(1005X4)	RB5332	1-234-371-21	RES, NETWORK 47	(1005X4)
RB5109	1-234-370-21	RES, NETWORK 22	(1005X4)	RB5333	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5110	1-234-370-21	RES, NETWORK 22	(1005X4)	RB5334	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5111	1-234-370-21	RES, NETWORK 22	(1005X4)	RB5335	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5112	1-234-370-21	RES, NETWORK 22	(1005X4)	RB5336	1-234-370-21	RES, NETWORK 22	(1005X4)
RB5113	1-234-370-21	RES, NETWORK 22	(1005X4)	RB5337	1-234-371-21	RES, NETWORK 47	(1005X4)
RB5114	1-234-370-21	RES, NETWORK 22	(1005X4)	RB5338	1-234-371-21	RES, NETWORK 47	(1005X4)
RB5115	1-234-370-21	RES, NETWORK 22	(1005X4)	RB5339	1-234-371-21	RES, NETWORK 47	(1005X4)
RB5116	1-234-378-21	RES, NETWORK 10K	(1005X4)	RB5340	1-234-371-21	RES, NETWORK 47	(1005X4)
RB5117	1-234-378-21	RES, NETWORK 10K	(1005X4)	RB5341	1-234-371-21	RES, NETWORK 47	(1005X4)
RB5118	1-234-785-21	RES, CHIP NETWORK 100X8(3816)		RB5342	1-234-371-21	RES, NETWORK 47	(1005X4)
RB5119	1-234-785-21	RES, CHIP NETWORK 100X8(3816)		RB5343	1-234-371-21	RES, NETWORK 47	(1005X4)
RB5300	1-234-370-21	RES, NETWORK 22	(1005X4)	RB5344	1-234-371-21	RES, NETWORK 47	(1005X4)
RB5301	1-234-711-21	RES, CHIP NETWORK 22X8 (3816)		RB5345	1-234-371-21	RES, NETWORK 47	(1005X4)
RB5302	1-234-711-21	RES, CHIP NETWORK 22X8 (3816)		RB5346	1-234-371-21	RES, NETWORK 47	(1005X4)
RB5303	1-234-370-21	RES, NETWORK 22	(1005X4)	RB5401	1-234-785-21	RES, CHIP NETWORK 100X8(3816)	
RB5304	1-234-370-21	RES, NETWORK 22	(1005X4)	RB5402	1-234-785-21	RES, CHIP NETWORK 100X8(3816)	
RB5305	1-234-370-21	RES, NETWORK 22	(1005X4)	RB5403	1-234-785-21	RES, CHIP NETWORK 100X8(3816)	
RB5306	1-234-370-21	RES, NETWORK 22	(1005X4)	RB5404	1-234-785-21	RES, CHIP NETWORK 100X8(3816)	
RB5307	1-234-370-21	RES, NETWORK 22	(1005X4)	RB5405	1-234-799-21	RES, CHIP NETWORK 10KX8 (3816)	
RB5308	1-234-370-21	RES, NETWORK 22	(1005X4)	RB5410	1-234-799-21	RES, CHIP NETWORK 10KX8 (3816)	
RB5309	1-234-370-21	RES, NETWORK 22	(1005X4)	RB5411	1-234-799-21	RES, CHIP NETWORK 10KX8 (3816)	
RB5310	1-234-370-21	RES, NETWORK 22	(1005X4)	RB5412	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)	
RB5311	1-234-711-21	RES, CHIP NETWORK 22X8 (3816)		RB5413	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)	
RB5312	1-234-370-21	RES, NETWORK 22	(1005X4)	RB5421	1-234-378-21	RES, NETWORK 10K (1005X4)	
RB5313	1-234-378-21	RES, NETWORK 10K (1005X4)		RB5422	1-234-799-21	RES, CHIP NETWORK 10KX8 (3816)	
RB5314	1-234-378-21	RES, NETWORK 10K (1005X4)		RB5451	1-234-892-21	RES, CHIP NETWORK 33X8 (3816)	
RB5315	1-234-370-21	RES, NETWORK 22	(1005X4)	RB5452	1-234-892-21	RES, CHIP NETWORK 33X8 (3816)	
RB5316	1-234-370-21	RES, NETWORK 22	(1005X4)	RB5453	1-234-892-21	RES, CHIP NETWORK 33X8 (3816)	
RB5317	1-234-370-21	RES, NETWORK 22	(1005X4)	RB5454	1-234-892-21	RES, CHIP NETWORK 33X8 (3816)	
RB5318	1-234-371-21	RES, NETWORK 47	(1005X4)	RB5459	1-234-799-21	RES, CHIP NETWORK 10KX8 (3816)	

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.

# BE2 D1

REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
RB5460	1-234-799-21	RES, CHIP NETWORK 10KX8 (3816)					
RB5502	1-234-881-21	RES, CHIP NETWORK 22KX8 (3816)					
RB5503	1-234-881-21	RES, CHIP NETWORK 22KX8 (3816)					
RB5800	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)					
RB5801	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)					
RB5802	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)					
RB5803	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)					
RB5804	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)					
RB5805	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)					
RB5806	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)					
RB5807	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)					
RB5808	1-245-943-21	RES, CHIP NETWORK 68X8 (3816)					
RB5809	1-245-943-21	RES, CHIP NETWORK 68X8 (3816)					
RB5810	1-245-943-21	RES, CHIP NETWORK 68X8 (3816)					
RB5811	1-245-943-21	RES, CHIP NETWORK 68X8 (3816)					
RB5812	1-245-943-21	RES, CHIP NETWORK 68X8 (3816)					
RB5813	1-245-943-21	RES, CHIP NETWORK 68X8 (3816)					
RB5814	1-245-943-21	RES, CHIP NETWORK 68X8 (3816)					
RB5815	1-245-943-21	RES, CHIP NETWORK 68X8 (3816)					
RB5816	1-234-372-11	RES, NETWORK 100 (1005X4)					
RB5826	1-234-799-21	RES, CHIP NETWORK 10KX8 (3816)					
RB5827	1-234-799-21	RES, CHIP NETWORK 10KX8 (3816)					
<b>THERMISTOR</b>							
TH3600	1-809-350-21	THERMISTOR, NTC (2125)					
TH5601	1-804-045-11	THERMISTOR					
<b>VARISTOR</b>							
VD4501	1-805-774-21	VARISTOR, CHIP					
VD4502	1-805-774-21	VARISTOR, CHIP					
VD4504	1-805-774-21	VARISTOR, CHIP					
VD4505	1-805-774-21	VARISTOR, CHIP					
VD4506	1-803-974-21	VARISTOR, CHIP (1608)					
VD4507	1-803-974-21	VARISTOR, CHIP (1608)					
<b>CRYSTAL</b>							
X4800	1-813-373-11	OSCILLATOR, CRYSTAL					
X5100	1-813-267-11	VIBRATOR, CRYSTAL					
X5800	1-813-375-21	QUARTZ CRYSTAL UNIT					
				<b>D1</b>			
				*	<b>A-1197-882-B D1 BOARD, COMPLETE (KDL-40XBR2 ONLY)</b>		
					2-580-592-01	SCREW, +PSW M3X8	
					<b>CAPACITOR</b>		
					C6534	1-162-960-11	CERAMIC CHIP 220pF 10% 50V
					C6600	1-165-794-21	MYLAR 1μF 10% 450V
					C6601	1-165-794-21	MYLAR 1μF 10% 450V
					C6606	1-165-794-21	MYLAR 1μF 10% 450V
					C6658	1-115-339-11	CERAMIC CHIP 0.1μF 10% 50V
					C6659	1-115-339-11	CERAMIC CHIP 0.1μF 10% 50V
				$\triangle$	C6701	1-104-512-11	CERAMIC 22pF 5% 6.3KV
				$\triangle$	C6702	1-104-512-11	CERAMIC 22pF 5% 6.3KV
				$\triangle$	C6703	1-114-173-11	CERAMIC 12pF 5% 6.3KV
				$\triangle$	C6704	1-114-173-11	CERAMIC 12pF 5% 6.3KV
					C6705	1-112-725-11	CERAMIC 68pF 5% 3KV
					C6706	1-112-725-11	CERAMIC 68pF 5% 3KV
					C6707	1-164-227-11	CERAMIC CHIP 0.022μF 10% 25V
					C6709	1-107-826-11	CERAMIC CHIP 0.1μF 10% 16V
					C6710	1-112-725-11	CERAMIC 68pF 5% 3KV
					C6711	1-112-725-11	CERAMIC 68pF 5% 3KV
					C6712	1-164-227-11	CERAMIC CHIP 0.022μF 10% 25V
					C6714	1-107-826-11	CERAMIC CHIP 0.1μF 10% 16V
					C6715	1-112-740-91	CERAMIC 10pF 5% 3KV
					C6716	1-112-740-91	CERAMIC 10pF 5% 3KV
					C6717	1-162-966-11	CERAMIC CHIP 0.0022μF 10% 50V
					C6718	1-107-826-11	CERAMIC CHIP 0.1μF 10% 16V
					C6719	1-112-740-91	CERAMIC 10pF 5% 3KV
					C6720	1-112-740-91	CERAMIC 10pF 5% 3KV
					C6721	1-162-966-11	CERAMIC CHIP 0.0022μF 10% 50V
					C6722	1-162-960-11	CERAMIC CHIP 220pF 10% 50V
					C6723	1-107-826-11	CERAMIC CHIP 0.1μF 10% 16V
					C6731	1-107-888-11	ELECT 47μF 20% 25V
					C6732	1-162-970-11	CERAMIC CHIP 0.01μF 10% 25V
					C6733	1-162-970-11	CERAMIC CHIP 0.01μF 10% 25V
					C6734	1-162-970-11	CERAMIC CHIP 0.01μF 10% 25V
					C6735	1-164-227-11	CERAMIC CHIP 0.022μF 10% 25V
					C6736	1-162-970-11	CERAMIC CHIP 0.01μF 10% 25V
					C6737	1-162-970-11	CERAMIC CHIP 0.01μF 10% 25V
					C6738	1-162-970-11	CERAMIC CHIP 0.01μF 10% 25V

D1

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REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
C6739	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F 10% 25V	D6608	8-719-041-97	DIODE	MA113-(TX)
C6740	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F 10% 25V	D6609	8-719-041-97	DIODE	MA113-(TX)
C6742	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F 10% 16V	$\Delta$ D6614	6-501-497-01	DIODE	S3L60F
C6750	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F 10% 16V	$\Delta$ D6615	6-501-497-01	DIODE	S3L60F
C6751	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F 10% 25V	D6616	8-719-083-57	DIODE	UDZSTE-173.6B
C6752	1-112-029-91	CERAMIC CHIP	0.047 $\mu$ F 5% 50V	D6617	8-719-083-57	DIODE	UDZSTE-173.6B
C6753	1-127-803-91	CERAMIC CHIP	270pF 1% 50V	D6618	8-719-083-57	DIODE	UDZSTE-173.6B
C6754	1-162-966-11	CERAMIC CHIP	0.0022 $\mu$ F 10% 50V	D6619	8-719-083-57	DIODE	UDZSTE-173.6B
C6755	1-162-966-11	CERAMIC CHIP	0.0022 $\mu$ F 10% 50V	D6701	8-719-404-50	DIODE	MA111-TX
C6756	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F 10% 25V	D6702	8-719-404-50	DIODE	MA111-TX
C6757	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F 10% 25V	D6703	8-719-404-50	DIODE	MA111-TX
C6758	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F 10% 25V	D6704	8-719-404-50	DIODE	MA111-TX
C6759	1-107-888-11	ELECT	47 $\mu$ F 20% 25V	D6705	8-719-404-50	DIODE	MA111-TX
C6760	1-137-980-91	CERAMIC CHIP	0.47 $\mu$ F 10% 50V	D6706	8-719-404-50	DIODE	MA111-TX
C6761	1-104-329-11	CERAMIC CHIP	0.1 $\mu$ F 10% 50V	D6707	8-719-404-50	DIODE	MA111-TX
C6762	1-137-980-91	CERAMIC CHIP	0.47 $\mu$ F 10% 50V	D6708	8-719-404-50	DIODE	MA111-TX
C6763	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F 10% 25V	D6709	8-719-062-51	DIODE	1PS226-115
C6764	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F 10% 25V	D6710	8-719-404-50	DIODE	MA111-TX
C6765	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F 10% 25V	D6711	8-719-062-51	DIODE	1PS226-115
C6766	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F 10% 25V	D6712	8-719-404-50	DIODE	MA111-TX
C6768	1-107-875-91	ELECT	220 $\mu$ F 20% 10V	D6713	8-719-062-51	DIODE	1PS226-115
C6769	1-115-339-11	CERAMIC CHIP	0.1 $\mu$ F 10% 50V	D6714	8-719-404-50	DIODE	MA111-TX
C6770	1-107-902-11	ELECT	1 $\mu$ F 20% 50V	D6715	8-719-062-51	DIODE	1PS226-115
C6771	1-107-902-11	ELECT	1 $\mu$ F 20% 50V	D6716	8-719-404-50	DIODE	MA111-TX
C6772	1-107-888-11	ELECT	47 $\mu$ F 20% 25V	D6731	8-719-404-50	DIODE	MA111-TX
C6773	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F 10% 25V	D6732	8-719-404-50	DIODE	MA111-TX
C6774	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F 10% 25V	D6733	8-719-404-50	DIODE	MA111-TX
C6779	1-163-809-11	CERAMIC CHIP	0.047 $\mu$ F 10% 25V	D6734	8-719-404-50	DIODE	MA111-TX
<b>CONNECTOR</b>				D6752	8-719-404-50	DIODE	MA111-TX
* CN6600	1-793-660-11	PIN, CONNECTOR (PC BOARD)	3P	D6753	8-719-404-50	DIODE	MA111-TX
* CN6700	1-820-458-11	HEADER ASSEMBLY FOR PWB		D6754	8-719-404-50	DIODE	MA111-TX
* CN6701	1-820-458-11	HEADER ASSEMBLY FOR PWB		<b>FERRITE BEAD</b>			
* CN6751	1-785-703-11	PIN, CONNECTOR (PC BOARD)	6P	FB6600	1-410-396-41	FERRITE	0.45 $\mu$ H
* CN6752	1-785-702-11	PIN, CONNECTOR (PC BOARD)	5P	FB6601	1-410-396-41	FERRITE	0.45 $\mu$ H
<b>DIODE</b>				FB6604	1-410-396-41	FERRITE	0.45 $\mu$ H
D6600	6-501-497-01	DIODE	S3L60F	FB6605	1-410-396-41	FERRITE	0.45 $\mu$ H
D6601	6-501-497-01	DIODE	S3L60F	<b>IC</b>			
D6602	6-501-497-01	DIODE	S3L60F	* IC6730	8-759-575-27	IC	BA10339F-E2
D6603	6-501-497-01	DIODE	S3L60F	IC6750	6-709-792-01	IC	BD9890F-E2
$\Delta$ D6604	6-501-497-01	DIODE	S3L60F	<b>CHIP CONDUCTOR</b>			
$\Delta$ D6605	6-501-497-01	DIODE	S3L60F	JR6600	1-216-296-11	SHORT CHIP	
D6606	8-719-041-97	DIODE	MA113-(TX)	JR6601	1-216-296-11	SHORT CHIP	
D6607	8-719-041-97	DIODE	MA113-(TX)				





D1

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6704	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6773	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6705	1-216-843-11	METAL CHIP	68K	5%	1/10W	R6774	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6706	1-216-845-11	METAL CHIP	100K	5%	1/10W	R6775	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6707	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6776	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6708	1-216-843-11	METAL CHIP	68K	5%	1/10W	R6777	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6709	1-216-845-11	METAL CHIP	100K	5%	1/10W	R6778	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6710	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6779	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6711	1-216-843-11	METAL CHIP	68K	5%	1/10W	R6780	1-216-817-11	METAL CHIP	470	5%	1/10W
R6712	1-216-845-11	METAL CHIP	100K	5%	1/10W	R6781	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6714	1-216-793-11	METAL CHIP	4.7	5%	1/10W	R6782	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6731	1-216-857-11	METAL CHIP	1M	5%	1/10W	R6783	1-216-809-11	METAL CHIP	100	5%	1/10W
R6732	1-216-857-11	METAL CHIP	1M	5%	1/10W	R6784	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6733	1-216-837-11	METAL CHIP	22K	5%	1/10W	R6785	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6734	1-216-837-11	METAL CHIP	22K	5%	1/10W	R6786	1-216-809-11	METAL CHIP	100	5%	1/10W
R6735	1-216-837-11	METAL CHIP	22K	5%	1/10W	$\Delta$ R6788	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6736	1-216-837-11	METAL CHIP	22K	5%	1/10W	R6789	1-249-417-11	CARBON	1K	5%	1/4W
R6737	1-216-857-11	METAL CHIP	1M	5%	1/10W	R6790	1-216-809-11	METAL CHIP	100	5%	1/10W
R6738	1-216-857-11	METAL CHIP	1M	5%	1/10W	R6791	1-216-801-11	METAL CHIP	22	5%	1/10W
R6739	1-218-905-11	METAL CHIP	270K	0.50%	1/10W	R6792	1-249-417-11	CARBON	1K	5%	1/4W
R6740	1-249-417-11	CARBON	1K	5%	1/4W	R6793	1-216-809-11	METAL CHIP	100	5%	1/10W
R6741	1-249-417-11	CARBON	1K	5%	1/4W	R6794	1-216-801-11	METAL CHIP	22	5%	1/10W
R6743	1-216-842-11	METAL CHIP	56K	5%	1/10W	R6795	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6749	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6796	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6750	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6797	1-218-913-91	METAL CHIP	560K	0.50%	1/10W
R6751	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6798	1-216-842-11	METAL CHIP	56K	5%	1/10W
R6752	1-216-821-11	METAL CHIP	1K	5%	1/10W	<b>TRANSFORMER</b>					
R6753	1-216-837-11	METAL CHIP	22K	5%	1/10W	T6600	8-597-051-00	HV ISOLATING TRANS	HIT-1001//M		
R6754	1-218-867-11	METAL CHIP	6.8K	0.50%	1/10W	T6601	8-597-051-00	HV ISOLATING TRANS	HIT-1001//M		
R6755	1-218-915-11	METAL CHIP	680K	0.50%	1/10W	T6650	1-445-039-11	TRANSFORMER, DRIVE			
R6756	1-218-899-11	METAL CHIP	150K	0.50%	1/16W	<b>GROUND TERMINAL BOARD</b>					
R6757	1-218-871-11	METAL CHIP	10K	0.50%	1/10W	TK6700	1-537-770-21	TERMINAL BOARD, GROUND			
R6758	1-218-895-11	METAL CHIP	100K	0.50%	1/10W	TK6701	1-537-770-21	TERMINAL BOARD, GROUND			
R6759	1-218-895-11	METAL CHIP	100K	0.50%	1/10W						
R6760	1-218-899-11	METAL CHIP	150K	0.50%	1/16W						
R6761	1-218-893-11	METAL CHIP	82K	0.50%	1/10W						
R6762	1-218-883-11	METAL CHIP	33K	0.50%	1/10W						
R6763	1-218-907-11	METAL CHIP	330K	0.50%	1/10W						
R6766	1-216-845-11	METAL CHIP	100K	5%	1/10W						
R6767	1-216-853-11	METAL CHIP	470K	5%	1/10W						
R6768	1-216-839-11	METAL CHIP	33K	5%	1/10W						
R6769	1-216-837-11	METAL CHIP	22K	5%	1/10W						
R6770	1-216-833-11	METAL CHIP	10K	5%	1/10W						
R6771	1-216-833-11	METAL CHIP	10K	5%	1/10W						
R6772	1-216-842-11	METAL CHIP	56K	5%	1/10W						

**D2**

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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
<b>D2</b>											
	<b>A-1196-378-B</b>	<b>D2 BOARD, MOUNTED (KDL-46XBR2 ONLY)</b>									
	2-580-592-01	SCREW, +PSW M3X8									
	<b>CAPACITOR</b>										
	C6600	1-112-744-61	MYLAR	1 $\mu$ F	10%	450V					
	C6601	1-112-744-61	MYLAR	1 $\mu$ F	10%	450V					
	C6606	1-112-744-61	MYLAR	1 $\mu$ F	10%	450V					
	C6609	1-112-744-61	MYLAR	1 $\mu$ F	10%	450V					
	C6610	1-112-744-61	MYLAR	1 $\mu$ F	10%	450V					
	C6658	1-115-339-11	CERAMIC CHIP	0.1 $\mu$ F	10%	50V					
	C6659	1-115-339-11	CERAMIC CHIP	0.1 $\mu$ F	10%	50V					
$\triangle$	C6701	1-112-737-11	CERAMIC	27pF	5%	6.3KV					
	C6705	1-112-740-91	CERAMIC	10pF	5%	3KV					
	C6706	1-112-740-91	CERAMIC	10pF	5%	3KV					
	C6707	1-162-967-11	CERAMIC CHIP	0.0033 $\mu$ F	10%	50V					
	C6709	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V					
$\triangle$	C6714	1-112-737-11	CERAMIC	27pF	5%	6.3KV					
	C6720	1-112-740-91	CERAMIC	10pF	5%	3KV					
	C6721	1-112-740-91	CERAMIC	10pF	5%	3KV					
	C6722	1-162-967-11	CERAMIC CHIP	0.0033 $\mu$ F	10%	50V					
	C6726	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V					
	C6731	1-107-888-11	ELECT	47 $\mu$ F	20%	25V					
	C6732	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V					
	C6734	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V					
	C6735	1-164-227-11	CERAMIC CHIP	0.022 $\mu$ F	10%	25V					
	C6737	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V					
	C6738	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V					
	C6739	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V					
	C6740	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V					
	C6742	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V					
	C6743	1-115-339-11	CERAMIC CHIP	0.1 $\mu$ F	10%	50V					
	C6751	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V					
	C6753	1-127-803-91	CERAMIC CHIP	270pF	1%	50V					
	C6754	1-162-966-11	CERAMIC CHIP	0.0022 $\mu$ F	10%	50V					
	C6755	1-162-966-11	CERAMIC CHIP	0.0022 $\mu$ F	10%	50V					
	C6756	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V					
	C6757	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V					
	C6758	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V					
	C6759	1-107-888-11	ELECT	47 $\mu$ F	20%	25V					
	C6760	1-137-980-91	CERAMIC CHIP	0.47 $\mu$ F	10%	50V					
	C6761	1-104-329-11	CERAMIC CHIP	0.1 $\mu$ F	10%	50V					
	C6762	1-137-980-91	CERAMIC CHIP	0.47 $\mu$ F	10%	50V					
	C6763	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V					
	C6764	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V					
	C6765	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V					
	C6766	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V					
	C6768	1-107-875-91	ELECT	220 $\mu$ F	20%	10V					
	C6769	1-115-339-11	CERAMIC CHIP	0.1 $\mu$ F	10%	50V					
	C6770	1-107-902-11	ELECT	1 $\mu$ F	20%	50V					
	C6771	1-107-902-11	ELECT	1 $\mu$ F	20%	50V					
	C6772	1-107-888-11	ELECT	47 $\mu$ F	20%	25V					
	C6773	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V					
	C6774	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V					
	C6775	1-162-966-11	CERAMIC CHIP	0.0022 $\mu$ F	10%	50V					
	C6776	1-162-966-11	CERAMIC CHIP	0.0022 $\mu$ F	10%	50V					
	C6777	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V					
	C6778	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V					
	C6779	1-163-809-11	CERAMIC CHIP	0.047 $\mu$ F	10%	25V					
	C6900	1-107-888-11	ELECT	47 $\mu$ F	20%	25V					
	C6901	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V					
	C6902	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V					
$\triangle$	C6905	1-112-737-11	CERAMIC	27pF	5%	6.3KV					
$\triangle$	C6906	1-112-737-11	CERAMIC	27pF	5%	6.3KV					
	C6907	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V					
	C6908	1-112-740-91	CERAMIC	10pF	5%	3KV					
	C6909	1-112-740-91	CERAMIC	10pF	5%	3KV					
	C6910	1-162-967-11	CERAMIC CHIP	0.0033 $\mu$ F	10%	50V					
	C6911	1-112-740-91	CERAMIC	10pF	5%	3KV					
	C6912	1-112-740-91	CERAMIC	10pF	5%	3KV					
	C6913	1-162-967-11	CERAMIC CHIP	0.0033 $\mu$ F	10%	50V					
	C6916	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V					
	C6917	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V					
	C6918	1-107-902-11	ELECT	1 $\mu$ F	20%	50V					
	C6919	1-107-902-11	ELECT	1 $\mu$ F	20%	50V					
	C6921	1-162-966-11	CERAMIC CHIP	0.0022 $\mu$ F	10%	50V					
	C6922	1-162-966-11	CERAMIC CHIP	0.0022 $\mu$ F	10%	50V					
	C6923	1-162-966-11	CERAMIC CHIP	0.0022 $\mu$ F	10%	50V					
	C6924	1-162-966-11	CERAMIC CHIP	0.0022 $\mu$ F	10%	50V					
	C6925	1-127-803-91	CERAMIC CHIP	270pF	1%	50V					
	C6926	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V					
	C6927	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V					
	C6929	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V					
	C6930	1-107-888-11	ELECT	47 $\mu$ F	20%	25V					

D2

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REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
C6931	1-137-980-91	CERAMIC CHIP	0.47 $\mu$ F 10% 50V	D6717	8-719-404-50	DIODE	MA111-TX
C6932	1-104-329-11	CERAMIC CHIP	0.1 $\mu$ F 10% 50V	D6733	8-719-404-50	DIODE	MA111-TX
C6933	1-137-980-91	CERAMIC CHIP	0.47 $\mu$ F 10% 50V	D6734	8-719-404-50	DIODE	MA111-TX
C6934	1-127-573-11	CERAMIC CHIP	1 $\mu$ F 10% 16V	D6752	8-719-404-50	DIODE	MA111-TX
C6937	1-163-809-11	CERAMIC CHIP	0.047 $\mu$ F 10% 25V	D6753	8-719-404-50	DIODE	MA111-TX
C6938	1-112-034-91	CERAMIC CHIP	0.01 $\mu$ F 5% 50V	D6754	8-719-404-50	DIODE	MA111-TX
C6939	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F 10% 16V	D6755	8-719-404-50	DIODE	MA111-TX
C6940	1-100-597-91	CERAMIC CHIP	0.1 $\mu$ F 10% 25V	D6756	8-719-404-50	DIODE	MA111-TX
<b>CONNECTOR</b>				D6901	8-719-404-50	DIODE	MA111-TX
* CN6600	1-793-660-11	PIN, CONNECTOR (PC BOARD)	3P	D6902	8-719-404-50	DIODE	MA111-TX
* CN6700	1-820-458-11	HEADER ASSEMBLY FOR PWB		D6903	8-719-404-50	DIODE	MA111-TX
* CN6751	1-785-703-11	PIN, CONNECTOR (PC BOARD)	6P	D6904	8-719-404-50	DIODE	MA111-TX
* CN6753	1-793-236-11	PIN, CONNECTOR (PC BOARD)	14P	D6905	8-719-062-51	DIODE	1PS226-115
* CN6754	1-820-458-11	HEADER ASSEMBLY FOR PWB		D6906	8-719-062-51	DIODE	1PS226-115
<b>DIODE</b>				D6907	8-719-404-50	DIODE	MA111-TX
D6600	6-501-497-01	DIODE	S3L60F	D6908	8-719-404-50	DIODE	MA111-TX
D6601	6-501-497-01	DIODE	S3L60F	D6910	8-719-404-50	DIODE	MA111-TX
D6602	6-501-497-01	DIODE	S3L60F	D6911	8-719-404-50	DIODE	MA111-TX
D6603	6-501-497-01	DIODE	S3L60F	D6920	8-719-422-37	DIODE	MA8051
$\triangle$ D6604	6-501-497-01	DIODE	S3L60F	<b>FERRITE BEAD</b>			
$\triangle$ D6605	6-501-497-01	DIODE	S3L60F	FB6600	1-410-397-21	FERRITE	1.1 $\mu$ H
D6606	8-719-041-97	DIODE	MA113-(TX)	FB6602	1-410-397-21	FERRITE	1.1 $\mu$ H
D6607	8-719-041-97	DIODE	MA113-(TX)	FB6604	1-410-397-21	FERRITE	1.1 $\mu$ H
D6608	8-719-041-97	DIODE	MA113-(TX)	FB6606	1-410-397-21	FERRITE	1.1 $\mu$ H
D6609	8-719-041-97	DIODE	MA113-(TX)	<b>IC</b>			
$\triangle$ D6614	6-501-497-01	DIODE	S3L60F	* IC6730	8-759-575-27	IC	BA10339F-E2
$\triangle$ D6615	6-501-497-01	DIODE	S3L60F	IC6750	6-709-792-01	IC	BD9890F-E2
$\triangle$ D6616	6-501-497-01	DIODE	S3L60F	IC6900	6-709-792-01	IC	BD9890F-E2
$\triangle$ D6617	6-501-497-01	DIODE	S3L60F	IC6901	8-759-510-73	IC	BA10393F-E2
$\triangle$ D6618	6-501-497-01	DIODE	S3L60F	<b>CHIP CONDUCTOR</b>			
$\triangle$ D6619	6-501-497-01	DIODE	S3L60F	JR6600	1-216-864-11	SHORT CHIP	
D6620	8-719-083-57	DIODE	UDZSTE-173.6B	JR6605	1-216-296-11	SHORT CHIP	
D6621	8-719-083-57	DIODE	UDZSTE-173.6B	JR6606	1-216-296-11	SHORT CHIP	
D6622	8-719-083-57	DIODE	UDZSTE-173.6B	JR6607	1-216-296-11	SHORT CHIP	
D6623	8-719-083-57	DIODE	UDZSTE-173.6B	JR6608	1-216-296-11	SHORT CHIP	
D6700	8-719-062-51	DIODE	1PS226-115	JR6609	1-216-296-11	SHORT CHIP	
D6701	8-719-404-50	DIODE	MA111-TX	JR6610	1-216-296-11	SHORT CHIP	
D6703	8-719-404-50	DIODE	MA111-TX	JR6611	1-216-864-11	SHORT CHIP	
D6704	8-719-404-50	DIODE	MA111-TX	JR6612	1-216-864-11	SHORT CHIP	
D6709	8-719-062-51	DIODE	1PS226-115	JR6613	1-216-296-11	SHORT CHIP	
D6710	8-719-404-50	DIODE	MA111-TX	JR6614	1-216-296-11	SHORT CHIP	
D6715	8-719-404-50	DIODE	MA111-TX	JR6616	1-216-296-11	SHORT CHIP	
D6716	8-719-404-50	DIODE	MA111-TX				







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REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6619	1-216-857-11	METAL CHIP	1M	5%	1/10W	R6744	1-216-842-11	METAL CHIP	56K	5%	1/10W
R6620	1-216-857-11	METAL CHIP	1M	5%	1/10W	R6745	1-218-833-11	METAL CHIP	270	0.50%	1/10W
R6701	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6746	1-218-893-11	METAL CHIP	82K	0.50%	1/10W
R6702	1-216-843-11	METAL CHIP	68K	5%	1/10W	R6747	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6703	1-216-845-11	METAL CHIP	100K	5%	1/10W	R6748	1-218-446-11	METAL CHIP	1	5%	1/10W
R6704	1-218-837-11	METAL CHIP	390	0.50%	1/10W	R6749	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6705	1-218-835-11	METAL CHIP	330	0.50%	1/10W	R6750	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6706	1-218-835-11	METAL CHIP	330	0.50%	1/10W	R6751	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6707	1-218-835-11	METAL CHIP	330	0.50%	1/10W	R6752	1-216-821-11	METAL CHIP	1K	5%	1/10W
R6708	1-218-835-11	METAL CHIP	330	0.50%	1/10W	R6753	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6709	1-218-835-11	METAL CHIP	330	0.50%	1/10W	R6754	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6710	1-218-833-11	METAL CHIP	270	0.50%	1/10W	R6755	1-218-915-11	METAL CHIP	680K	0.50%	1/10W
R6711	1-218-833-11	METAL CHIP	270	0.50%	1/10W	R6756	1-218-899-11	METAL CHIP	150K	0.50%	1/16W
R6712	1-218-833-11	METAL CHIP	270	0.50%	1/10W	R6757	1-218-883-11	METAL CHIP	33K	0.50%	1/10W
R6714	1-218-833-11	METAL CHIP	270	0.50%	1/10W	R6758	1-218-903-11	METAL CHIP	220K	0.50%	1/10W
R6715	1-216-797-11	METAL CHIP	10	5%	1/10W	R6759	1-218-899-11	METAL CHIP	150K	0.50%	1/16W
R6716	1-216-797-11	METAL CHIP	10	5%	1/10W	R6761	1-218-893-11	METAL CHIP	82K	0.50%	1/10W
R6717	1-216-797-11	METAL CHIP	10	5%	1/10W	R6762	1-218-883-11	METAL CHIP	33K	0.50%	1/10W
R6718	1-216-797-11	METAL CHIP	10	5%	1/10W	R6763	1-218-907-11	METAL CHIP	330K	0.50%	1/10W
R6719	1-216-821-11	METAL CHIP	1K	5%	1/10W	R6766	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6720	1-216-843-11	METAL CHIP	68K	5%	1/10W	R6767	1-216-853-11	METAL CHIP	470K	5%	1/10W
R6721	1-216-845-11	METAL CHIP	100K	5%	1/10W	R6768	1-216-839-11	METAL CHIP	33K	5%	1/10W
R6722	1-218-837-11	METAL CHIP	390	0.50%	1/10W	R6769	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6723	1-218-835-11	METAL CHIP	330	0.50%	1/10W	R6770	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6724	1-218-835-11	METAL CHIP	330	0.50%	1/10W	R6771	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6725	1-218-835-11	METAL CHIP	330	0.50%	1/10W	R6772	1-216-842-11	METAL CHIP	56K	5%	1/10W
R6726	1-218-835-11	METAL CHIP	330	0.50%	1/10W	R6773	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6727	1-218-835-11	METAL CHIP	330	0.50%	1/10W	R6774	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6728	1-218-833-11	METAL CHIP	270	0.50%	1/10W	R6775	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6729	1-218-833-11	METAL CHIP	270	0.50%	1/10W	R6776	1-216-837-11	METAL CHIP	22K	5%	1/10W
R6730	1-218-833-11	METAL CHIP	270	0.50%	1/10W	R6777	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6731	1-216-857-11	METAL CHIP	1M	5%	1/10W	R6778	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6732	1-216-857-11	METAL CHIP	1M	5%	1/10W	R6779	1-216-833-11	METAL CHIP	10K	5%	1/10W
R6733	1-216-837-11	METAL CHIP	22K	5%	1/10W	R6780	1-216-817-11	METAL CHIP	470	5%	1/10W
R6734	1-216-837-11	METAL CHIP	22K	5%	1/10W	R6781	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6735	1-216-837-11	METAL CHIP	22K	5%	1/10W	R6782	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6736	1-216-837-11	METAL CHIP	22K	5%	1/10W	R6783	1-216-809-11	METAL CHIP	100	5%	1/10W
R6737	1-216-857-11	METAL CHIP	1M	5%	1/10W	R6784	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6738	1-216-857-11	METAL CHIP	1M	5%	1/10W	R6785	1-216-845-11	METAL CHIP	100K	5%	1/10W
R6739	1-216-864-11	SHORT CHIP				R6786	1-216-809-11	METAL CHIP	100	5%	1/10W
R6740	1-249-417-11	CARBON	1K	5%	1/4W	$\triangle$ R6788	1-216-793-11	METAL CHIP	4.7	5%	1/10W
R6741	1-249-417-11	CARBON	1K	5%	1/4W	R6789	1-249-417-11	CARBON	1K	5%	1/4W
R6742	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6790	1-216-809-11	METAL CHIP	100	5%	1/10W
R6743	1-216-833-11	METAL CHIP	10K	5%	1/10W	R6791	1-216-797-11	METAL CHIP	10	5%	1/10W



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**D2** **D3**

REF. NO.	PART NO.	DESCRIPTION	VALUES			REF. NO.	PART NO.	DESCRIPTION	VALUES			
<b>GROUND TERMINAL BOARD</b>						C6237	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V	
TK6700	1-537-770-21	TERMINAL BOARD, GROUND				C6238	1-107-888-11	ELECT	47 $\mu$ F	20%	25V	
TK6701	1-537-770-21	TERMINAL BOARD, GROUND				C6239	1-107-888-11	ELECT	47 $\mu$ F	20%	25V	
<b>D3</b>						C6240	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V	
	<b>A-1196-379-B</b>	<b>D3 BOARD, MOUNTED (KDL-46XBR2 ONLY)</b>				C6241	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V	
	2-580-592-01	SCREW, +PSW M3X8				C6242	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V	
<b>CAPACITOR</b>						C6243	1-100-566-91	CERAMIC CHIP	0.1 $\mu$ F	10%	25V	
$\triangle$	C6200	1-112-737-11	CERAMIC	27pF	5%	6.3KV	C6248	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V
$\triangle$	C6201	1-112-737-11	CERAMIC	27pF	5%	6.3KV	C6800	1-112-744-61	MYLAR	1 $\mu$ F	10%	450V
$\triangle$	C6202	1-112-737-11	CERAMIC	27pF	5%	6.3KV	C6801	1-112-744-61	MYLAR	1 $\mu$ F	10%	450V
$\triangle$	C6203	1-112-737-11	CERAMIC	27pF	5%	6.3KV	C6806	1-112-744-61	MYLAR	1 $\mu$ F	10%	450V
	C6204	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V	C6813	1-112-744-61	MYLAR	1 $\mu$ F	10%	450V
	C6205	1-112-740-91	CERAMIC	10pF	5%	3KV	C6817	1-112-744-61	MYLAR	1 $\mu$ F	10%	450V
	C6206	1-112-740-91	CERAMIC	10pF	5%	3KV	C6858	1-115-339-11	CERAMIC CHIP	0.1 $\mu$ F	10%	50V
	C6207	1-162-967-11	CERAMIC CHIP	0.0033 $\mu$ F	10%	50V	C6859	1-115-339-11	CERAMIC CHIP	0.1 $\mu$ F	10%	50V
	C6208	1-112-740-91	CERAMIC	10pF	5%	3KV	<b>CONNECTOR</b>					
	C6209	1-112-740-91	CERAMIC	10pF	5%	3KV	* CN6800	1-793-660-11	PIN, CONNECTOR (PC BOARD)	3P		
	C6210	1-162-967-11	CERAMIC CHIP	0.0033 $\mu$ F	10%	50V	* CN6900	1-820-458-11	HEADER ASSEMBLY FOR PWB			
	C6211	1-112-740-91	CERAMIC	10pF	5%	3KV	* CN6901	1-793-236-11	PIN, CONNECTOR (PC BOARD)	14P		
	C6212	1-112-740-91	CERAMIC	10pF	5%	3KV	* CN6902	1-820-458-11	HEADER ASSEMBLY FOR PWB			
	C6213	1-162-967-11	CERAMIC CHIP	0.0033 $\mu$ F	10%	50V	<b>DIODE</b>					
	C6214	1-112-740-91	CERAMIC	10pF	5%	3KV	D6200	8-719-404-50	DIODE	MA111-TX		
	C6215	1-112-740-91	CERAMIC	10pF	5%	3KV	D6201	8-719-404-50	DIODE	MA111-TX		
	C6216	1-162-967-11	CERAMIC CHIP	0.0033 $\mu$ F	10%	50V	D6202	8-719-404-50	DIODE	MA111-TX		
	C6221	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	D6203	8-719-404-50	DIODE	MA111-TX		
	C6222	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	D6204	8-719-404-50	DIODE	MA111-TX		
	C6223	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	D6205	8-719-404-50	DIODE	MA111-TX		
	C6224	1-107-826-11	CERAMIC CHIP	0.1 $\mu$ F	10%	16V	D6206	8-719-404-50	DIODE	MA111-TX		
	C6225	1-107-888-11	ELECT	47 $\mu$ F	20%	25V	D6207	8-719-404-50	DIODE	MA111-TX		
	C6226	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V	D6208	8-719-062-51	DIODE	1PS226-115		
	C6227	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V	D6209	8-719-062-51	DIODE	1PS226-115		
	C6228	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V	D6210	8-719-062-51	DIODE	1PS226-115		
	C6229	1-164-227-11	CERAMIC CHIP	0.022 $\mu$ F	10%	25V	D6211	8-719-062-51	DIODE	1PS226-115		
	C6230	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V	D6212	8-719-404-50	DIODE	MA111-TX		
	C6231	1-107-906-11	ELECT	10 $\mu$ F	20%	50V	D6213	8-719-404-50	DIODE	MA111-TX		
	C6233	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V	D6214	8-719-404-50	DIODE	MA111-TX		
	C6234	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V	D6215	8-719-404-50	DIODE	MA111-TX		
	C6235	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V	D6216	8-719-404-50	DIODE	MA111-TX		
	C6236	1-162-970-11	CERAMIC CHIP	0.01 $\mu$ F	10%	25V	D6217	8-719-404-50	DIODE	MA111-TX		
						D6218	8-719-404-50	DIODE	MA111-TX			
						D6219	8-719-404-50	DIODE	MA111-TX			











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

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REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
<b>DIODE</b>				<b>FERRITE BEAD</b>			
D6000	8-719-054-89	DIODE	D15XB60	FB6100	1-410-397-21	FERRITE	1.1 $\mu$ H
D6002	8-719-404-50	DIODE	MA111-TX	FB6101	1-410-397-21	FERRITE	1.1 $\mu$ H
D6003	8-719-404-50	DIODE	MA111-TX	<b>FUSE HOLDER</b>			
D6101	8-719-017-89	DIODE	MA8150-TX	$\triangle$ FH6000	1-533-223-11	FUSE HOLDER	0A 0V
D6102	6-500-137-01	DIODE	BAT54HT1	$\triangle$ FH6001	1-533-223-11	FUSE HOLDER	0A 0V
D6103	8-719-979-64	DIODE	$\mu$ F4005/23	<b>IC</b>			
D6104	6-501-043-01	DIODE	UMZ16NT106	IC6100	6-707-749-01	IC	CXD9841P
D6105	6-501-043-01	DIODE	UMZ16NT106	IC6200	6-709-368-01	IC	MM1431ATT (CN)
D6106	8-719-081-67	DIODE	M1FM3	IC6301	6-708-801-01	IC	MIP2H2
D6107	8-719-081-67	DIODE	M1FM3	IC6302	6-709-368-01	IC	MM1431ATT (CN)
D6108	8-719-041-97	DIODE	MA113-(TX)	IC6401	6-709-368-01	IC	MM1431ATT (CN)
D6253	8-719-027-22	DIODE	D3S6M-F	IC6402	6-709-368-01	IC	MM1431ATT (CN)
D6256	6-501-515-01	DIODE	D10SC6M-F5	IC6502	6-709-791-01	IC	E-L6562N
D6258	6-501-515-01	DIODE	D10SC6M-F5	<b>CHIP CONDUCTOR</b>			
D6263	8-719-060-88	DIODE	D4SBS6	JR6001	1-216-296-11	SHORT CHIP	
D6302	6-500-567-31	DIODE	10ERB20-TB3	JR6002	1-216-296-11	SHORT CHIP	
D6303	6-500-567-31	DIODE	10ERB20-TB3	JR6003	1-216-296-11	SHORT CHIP	
D6304	6-500-849-01	DIODE	ERA22-08KFLB	JR6004	1-216-296-11	SHORT CHIP	
D6305	6-500-567-31	DIODE	10ERB20-TB3	JR6005	1-216-864-11	SHORT CHIP	
D6306	6-501-526-01	DIODE	D1NS6-TR2	JR6007	1-216-296-11	SHORT CHIP	
D6401	8-719-404-50	DIODE	MA111-TX	JR6008	1-216-295-91	SHORT CHIP	
D6402	8-719-404-50	DIODE	MA111-TX	JR6009	1-216-295-91	SHORT CHIP	
D6404	8-719-421-82	DIODE	MA8043-M	JR6010	1-216-295-91	SHORT CHIP	
D6406	8-719-404-50	DIODE	MA111-TX	JR6011	1-216-864-11	SHORT CHIP	
D6407	8-719-423-23	DIODE	MA8110-M	<b>COIL</b>			
D6408	8-719-404-50	DIODE	MA111-TX	$\triangle$ L6000	1-456-856-11	LINE FILTER COIL	
D6409	8-719-404-50	DIODE	MA111-TX	$\triangle$ L6001	1-457-317-11	LINE FILTER COIL	
D6452	8-719-404-50	DIODE	MA111-TX	L6250	1-412-525-31	INDUCTOR	10 $\mu$ H
D6455	8-719-404-50	DIODE	MA111-TX	L6251	1-406-657-11	INDUCTOR	4.7 $\mu$ H
D6456	8-719-404-50	DIODE	MA111-TX	L6252	1-406-657-11	INDUCTOR	4.7 $\mu$ H
D6506	8-719-054-59	DIODE	FSF05A60	L6300	1-414-934-21	INDUCTOR	10 $\mu$ H
D6509	6-500-108-01	DIODE	EP05FA20	$\triangle$ L6500	1-457-277-11	INDUCTOR	260 $\mu$ H
D6510	6-500-137-01	DIODE	BAT54HT1	$\triangle$ L6502	1-457-275-11	INDUCTOR	300 $\mu$ H
D6512	8-719-404-50	DIODE	MA111-TX	<b>PHOTO COUPLER</b>			
D6514	8-719-404-50	DIODE	MA111-TX	$\triangle$ PH6000	6-600-187-01	PHOTO COUPLER	PC123Y22J00F
D6551	8-719-404-50	DIODE	MA111-TX	$\triangle$ PH6100	6-600-187-01	PHOTO COUPLER	PC123Y22J00F
D6552	8-719-404-50	DIODE	MA111-TX	$\triangle$ PH6301	6-600-187-01	PHOTO COUPLER	PC123Y22J00F
<b>FUSE</b>				$\triangle$ PH6400	6-600-187-01	PHOTO COUPLER	PC123Y22J00F
$\triangle$ F6000	1-576-233-51	FUSE	6.3A 250V	$\triangle$ PH6402	6-600-187-01	PHOTO COUPLER	PC123Y22J00F



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REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
<b>TRANSISTOR</b>				R6122	1-216-361-00	METAL OXIDE	0.22 5% 2W
Q6100	6-551-386-01	TRANSISTOR	2SK3563(LBS1SONY)	R6123	1-218-847-11	METAL CHIP	1K 0.50% 1/10W
Q6101	6-551-386-01	TRANSISTOR	2SK3563(LBS1SONY)	R6127	1-216-857-11	METAL CHIP	1M 5% 1/10W
Q6400	8-729-804-41	TRANSISTOR	2SB1122-S	R6200	1-216-821-11	METAL CHIP	1K 5% 1/10W
Q6401	8-729-120-28	TRANSISTOR	2SC1623-L5L6	R6201	1-216-821-11	METAL CHIP	1K 5% 1/10W
Q6402	8-729-120-28	TRANSISTOR	2SC1623-L5L6	R6203	1-216-821-11	METAL CHIP	1K 5% 1/10W
Q6403	8-729-026-49	TRANSISTOR	2SA1037AK-T146-R	R6204	1-216-864-11	SHORT CHIP	
Q6404	8-729-120-28	TRANSISTOR	2SC1623-L5L6	R6205	1-218-875-11	METAL CHIP	15K 0.50% 1/10W
Q6405	8-729-120-28	TRANSISTOR	2SC1623-L5L6	R6207	1-218-863-11	METAL CHIP	4.7K 0.50% 1/10W
Q6406	8-729-026-49	TRANSISTOR	2SA1037AK-T146-R	R6256	1-216-793-11	METAL CHIP	4.7 5% 1/10W
Q6407	8-729-120-28	TRANSISTOR	2SC1623-L5L6	R6264	1-216-841-11	METAL CHIP	47K 5% 1/10W
Q6454	8-729-026-49	TRANSISTOR	2SA1037AK-T146-R	R6300	1-212-958-00	FUSIBLE	10 5% 1/2W
Q6455	8-729-120-28	TRANSISTOR	2SC1623-L5L6	R6301	1-243-725-71	METAL OXIDE	100K 5% 1W
Q6500	6-551-336-01	TRANSISTOR	2SK3934(LBS1SONY.Q)	R6302	1-218-865-11	METAL CHIP	5.6K 0.50% 1/10W
Q6502	8-729-804-41	TRANSISTOR	2SB1122-S	R6303	1-249-385-11	CARBON	2.2 5% 1/4W
Q6503	6-551-336-01	TRANSISTOR	2SK3934(LBS1SONY.Q)	R6304	1-216-821-11	METAL CHIP	1K 5% 1/10W
Q6505	8-729-120-28	TRANSISTOR	2SC1623-L5L6	R6305	1-216-825-11	METAL CHIP	2.2K 5% 1/10W
Q6506	8-729-026-49	TRANSISTOR	2SA1037AK-T146-R	R6306	1-216-805-11	METAL CHIP	47 5% 1/10W
Q6507	8-729-026-49	TRANSISTOR	2SA1037AK-T146-R	R6308	1-218-871-11	METAL CHIP	10K 0.50% 1/10W
<b>RESISTOR</b>				R6309	1-218-871-11	METAL CHIP	10K 0.50% 1/10W
R6002	1-240-251-11	METAL	6.8 5% 10W	R6371	1-216-841-11	METAL CHIP	47K 5% 1/10W
R6003	1-247-762-11	CARBON	6.8K 5% 1/2W	R6400	1-216-833-11	METAL CHIP	10K 5% 1/10W
R6015	1-216-857-11	METAL CHIP	1M 5% 1/10W	R6401	1-218-863-11	METAL CHIP	4.7K 0.50% 1/10W
R6016	1-243-832-71	METAL OXIDE	15 5% 1W	R6402	1-216-833-11	METAL CHIP	10K 5% 1/10W
R6053	1-216-296-11	SHORT CHIP		R6403	1-218-887-11	METAL CHIP	47K 0.50% 1/10W
R6101	1-249-385-11	CARBON	2.2 5% 1/4W	R6405	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
R6102	1-202-933-61	FUSIBLE	0.1 10% 1/2W	R6406	1-216-821-11	METAL CHIP	1K 5% 1/10W
R6103	1-218-823-11	METAL CHIP	100 0.50% 1/10W	R6407	1-216-857-11	METAL CHIP	1M 5% 1/10W
R6104	1-218-885-11	METAL CHIP	39K 0.50% 1/10W	R6408	1-218-871-11	METAL CHIP	10K 0.50% 1/10W
R6105	1-208-854-11	METAL CHIP	1M 0.50% 1/10W	R6409	1-216-833-11	METAL CHIP	10K 5% 1/10W
R6106	1-208-854-11	METAL CHIP	1M 0.50% 1/10W	R6410	1-216-821-11	METAL CHIP	1K 5% 1/10W
R6107	1-208-854-11	METAL CHIP	1M 0.50% 1/10W	R6412	1-216-833-11	METAL CHIP	10K 5% 1/10W
R6108	1-208-854-11	METAL CHIP	1M 0.50% 1/10W	R6413	1-218-863-11	METAL CHIP	4.7K 0.50% 1/10W
R6109	1-218-760-11	METAL CHIP	220K 0.50% 1/10W	R6414	1-216-833-11	METAL CHIP	10K 5% 1/10W
R6110	1-218-877-11	METAL CHIP	18K 0.50% 1/10W	R6415	1-216-833-11	METAL CHIP	10K 5% 1/10W
R6111	1-218-877-11	METAL CHIP	18K 0.50% 1/10W	R6416	1-216-817-11	METAL CHIP	470 5% 1/10W
R6114	1-211-981-11	METAL CHIP	33 0.50% 1/10W	R6417	1-216-821-11	METAL CHIP	1K 5% 1/10W
R6115	1-218-863-11	METAL CHIP	4.7K 0.50% 1/10W	R6418	1-216-845-11	METAL CHIP	100K 5% 1/10W
R6116	1-216-009-91	RES-CHIP	22 5% 1/10W	R6419	1-216-837-11	METAL CHIP	22K 5% 1/10W
R6117	1-216-009-91	RES-CHIP	22 5% 1/10W	R6420	1-216-833-11	METAL CHIP	10K 5% 1/10W
R6118	1-216-833-11	METAL CHIP	10K 5% 1/10W	R6421	1-216-841-11	METAL CHIP	47K 5% 1/10W
R6119	1-216-833-11	METAL CHIP	10K 5% 1/10W	R6425	1-216-837-11	METAL CHIP	22K 5% 1/10W
				R6436	1-216-829-11	METAL CHIP	4.7K 5% 1/10W
				R6437	1-216-821-11	METAL CHIP	1K 5% 1/10W









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REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
<b><u>VARISTOR CHIP</u></b>				R1331	1-218-990-81	SHORT CHIP	
DV1301	1-805-774-21	VARISTOR, CHIP		R1332	1-218-941-81	RES-CHIP	100 5% 1/16W
<b><u>ON BOARD CONTACT</u></b>				R1333	1-218-990-81	SHORT CHIP	
* ET1301	1-780-431-11	ON-BOARD CONTACT		R1334	1-218-990-81	SHORT CHIP	
* ET1302	1-780-431-11	ON-BOARD CONTACT		R1343	1-218-929-11	RES-CHIP	10 5% 1/16W
* ET1303	1-780-431-11	ON-BOARD CONTACT		R1344	1-218-929-11	RES-CHIP	10 5% 1/16W
* ET1304	1-780-431-11	ON-BOARD CONTACT		R1345	1-218-929-11	RES-CHIP	10 5% 1/16W
* ET1305	4-953-192-02	TERMINAL, GROUND		R1346	1-218-929-11	RES-CHIP	10 5% 1/16W
* ET1306	4-953-192-02	TERMINAL, GROUND		R1347	1-218-929-11	RES-CHIP	10 5% 1/16W
<b><u>FERRITE BEAD</u></b>				R1348	1-218-929-11	RES-CHIP	10 5% 1/16W
FB1300	1-400-382-11	FERRITE	0μH	R1349	1-218-929-11	RES-CHIP	10 5% 1/16W
FB3100	1-400-333-21	FERRITE	0μH	R1350	1-218-929-11	RES-CHIP	10 5% 1/16W
FB3101	1-400-333-21	FERRITE	0μH	R1356	1-218-951-11	RES-CHIP	680 5% 1/16W
FB3105	1-216-864-11	SHORT CHIP		R1360	1-218-961-11	RES-CHIP	4.7K 5% 1/16W
FB3106	1-400-461-21	FERRITE	0μH	R1365	1-208-699-11	METAL CHIP	4.7K 0.50% 1/16W
<b><u>IC</u></b>				R1371	1-218-990-81	SHORT CHIP	
IC1301	6-704-600-01	IC	M24C02-WMN6T(B)	R1372	1-218-990-81	SHORT CHIP	
IC1303	8-753-255-97	IC	CXB1441R-T4	R1373	1-218-990-81	SHORT CHIP	
IC1305	6-702-362-01	IC	MM1563DFBE	R1374	1-218-990-81	SHORT CHIP	
IC1307	6-708-758-01	IC	PCA9517DP.118	R1378	1-218-937-11	RES-CHIP	47 5% 1/16W
<b><u>JACK</u></b>				R1379	1-218-937-11	RES-CHIP	47 5% 1/16W
J3101	1-819-356-11	PHONO JACK	3P	R1380	1-218-937-11	RES-CHIP	47 5% 1/16W
J3102	1-815-325-11	JACK		R1385	1-218-990-81	SHORT CHIP	
<b><u>TRANSISTOR</u></b>				R1394	1-218-961-11	RES-CHIP	4.7K 5% 1/16W
Q1301	8-729-907-00	TRANSISTOR	DTC114EU	R1395	1-218-961-11	RES-CHIP	4.7K 5% 1/16W
Q1302	8-729-028-28	TRANSISTOR	2SK2036(TE85L)	R1397	1-218-990-81	SHORT CHIP	
Q1306	8-729-907-00	TRANSISTOR	DTC114EU	R1399	1-218-990-81	SHORT CHIP	
Q1307	8-729-907-00	TRANSISTOR	DTC114EU	R3102	1-216-864-11	SHORT CHIP	
Q1311	8-729-907-00	TRANSISTOR	DTC114EU	R3103	1-216-813-11	METAL CHIP	220 5% 1/10W
<b><u>RESISTOR</u></b>				R3105	1-216-813-11	METAL CHIP	220 5% 1/10W
R1301	1-218-929-11	RES-CHIP	10 5% 1/16W	R3106	1-216-851-11	METAL CHIP	330K 5% 1/10W
R1302	1-216-864-11	SHORT CHIP		R3107	1-216-851-11	METAL CHIP	330K 5% 1/10W
R1303	1-208-683-11	METAL CHIP	1K 0.50% 1/16W	R3108	1-216-864-11	SHORT CHIP	
R1307	1-208-911-11	METAL CHIP	10K 0.50% 1/16W	R3109	1-216-864-11	SHORT CHIP	
R1314	1-218-941-81	RES-CHIP	100 5% 1/16W	R3111	1-216-813-11	METAL CHIP	220 5% 1/10W
R1315	1-218-941-81	RES-CHIP	100 5% 1/16W	R3122	1-216-801-11	METAL CHIP	22 5% 1/10W
R1316	1-218-961-11	RES-CHIP	4.7K 5% 1/16W	R3123	1-216-809-11	METAL CHIP	100 5% 1/10W
R1318	1-218-973-11	RES-CHIP	47K 5% 1/16W	R3127	1-216-809-11	METAL CHIP	100 5% 1/10W
R1320	1-218-973-11	RES-CHIP	47K 5% 1/16W	R3128	1-218-937-11	RES-CHIP	47 5% 1/16W
R1321	1-218-973-11	RES-CHIP	47K 5% 1/16W	R3129	1-218-937-11	RES-CHIP	47 5% 1/16W
				R3130	1-218-937-11	RES-CHIP	47 5% 1/16W
				R3136	1-216-864-11	SHORT CHIP	
				R3137	1-216-864-11	SHORT CHIP	






REF. NO.	PART NO.	DESCRIPTION	VALUES	REF. NO.	PART NO.	DESCRIPTION	VALUES
	2-673-578-12	COVER, STAND (WHITE) (KDL-40XBR2 ONLY)				<b><u>MISCELLANEOUS</u></b>	
	2-673-578-22	COVER, STAND (BLACK) (KDL-40XBR2 ONLY)			1-833-524-11	CORD (WITH CONNECTOR)	
	2-673-578-32	COVER, STAND (RED) (KDL-40XBR2 ONLY)			3-682-691-00	NUT, WASHER HEXAGON	
	2-673-578-42	COVER, STAND (BLUE) (KDL-40XBR2 ONLY)			2-580-615-01	SCREW, +K M4X6 (KDL-46XBR2 ONLY)	
	2-673-578-52	COVER, STAND (BROWN) (KDL-40XBR2 ONLY)			2-580-654-01	SCREW, +PWTP2 4X16	
	X-2148-189-1	BEZEL ASSY (46) WHITE (KDL-46XBR2 ONLY)			2-687-999-01	SCREW, LINE HEX PSW M3X12	
	X-2148-190-1	BEZEL ASSY (46) BLACK (KDL-46XBR2 ONLY)			2-694-106-01	SCREW, M2 TAPTIGHT	
	X-2148-191-1	BEZEL ASSY (46) RED (KDL-46XBR2 ONLY)			2-694-107-01	SCREW, FIXED	
	X-2148-192-1	BEZEL ASSY (46) BROWN (KDL-46XBR2 ONLY)			4-382-854-41	SCREW (M3X8), P, SW (+)	
	X-2148-193-1	BEZEL ASSY (46) BLUE (KDL-46XBR2 ONLY)			4-658-789-02	TAPE (HARNESS)	
						<b><u>REMOTE COMMANDER</u></b>	
	2-673-578-12	COVER, STAND (WHITE) (KDL-46XBR2 ONLY)			1-479-827-11	REMOTE COMMANDER (RM-YD010)	
	2-673-578-22	COVER, STAND (BLACK) (KDL-46XBR2 ONLY)					
	2-673-578-32	COVER, STAND (RED) (KDL-46XBR2 ONLY)					
	2-673-578-42	COVER, STAND (BLUE) (KDL-46XBR2 ONLY)					
	2-673-578-52	COVER, STAND (BROWN) (KDL-46XBR2 ONLY)					

## 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, Circuit Boards 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).*