HISTORY INFORMATION FOR THE FOLLOWING MANUAL:

SERVICE MANUAL

AZ1-A CHASSIS

MODEL NAME	REMOTE COMMANDER	DESTINATION
KLV-32BX300	RM-YD035	AR
KLV-32BX300	RM-YD035	LATIN AMERICA
KLV-40BX400	RM-YD035	AR
KLV-40BX400	RM-YD035	LATIN AMERICA

LEVEL 3
CONFIDENTIAL

CONFIDENTIAL

ELECTRICAL SERVICE MANUAL

INTERNAL ONLY

ORIGINAL MANUAL ISSUE DATE: 3/2010

REVISION DATE	SUBJECT
3/2010	No revisions or updates are applicable at this time.

LCD DIGITAL COLOR TV

SONY®

9-883-845-51

TABLE OF CONTENTS

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 ⚠ 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.

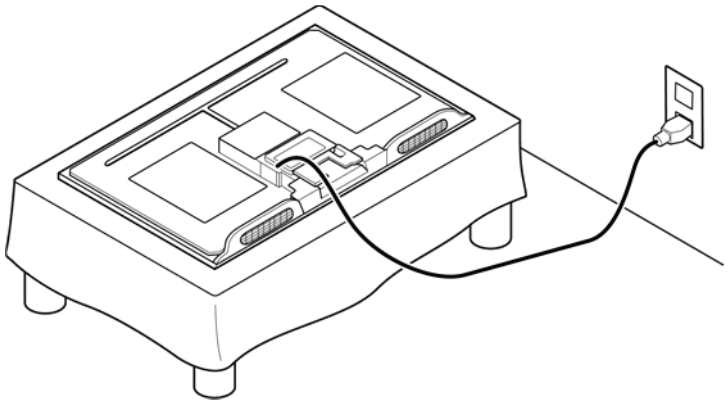
USE CAUTION WHEN HANDLING THE LCD PANEL

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

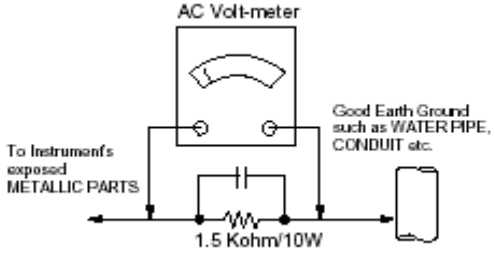
When installing the LCD panel on a wall, the LCD panel must be secured using the 4 mounting holes on the rear cover.

To avoid damaging the LCD panel:

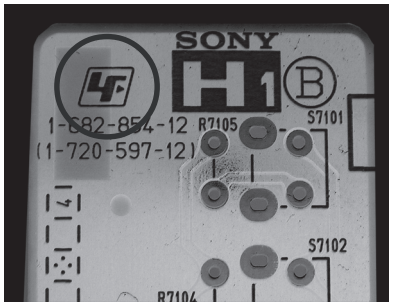
- → do not press on the panel or frame edge to avoid the risk of electric shock.
- → do not scratch or press on the panel with any sharp objects.
- → do not leave the module in high temperatures or in areas of high humidity for an extended period of time.
- → do not expose the LCD panel to direct sunlight.
- → 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).
- → During the repair, DO NOT leave the Power On for more than 1 hour while the TV is face down on a cloth.



LEAKAGE CURRENT HOT CHECK CIRCUIT



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.



example

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.

SAFETY CHECK-OUT

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

1. Check the area of your repair for unsoldered or poorly soldered connections. Check the entire board surface for solder splashes and bridges.

2. Check the interboard wiring to ensure that no wires are “pinched” or touching high-wattage resistors.

3. Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced. Be absolutely certain that you have replaced all the insulators.

4. Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.

5. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.

6. Check the line cords for cracks and abrasion. Recommend the replacement of any such line cord to the customer.

7. Check the antenna terminals, metal trim, “metallized” knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

Leakage Test

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 milliampmeter. The Data Precision 245 digital multimeter is suitable for this job.

3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The “limit” indication is 0.75 V, so analog meters must have an accurate low voltage scale. The Simpson’s 250 and Sanwa SH-63TRD are examples of passive VOMs that are suitable. Nearly all battery-operated digital multimeters that have a 2 VAC range are suitable (see Figure A).

How to Find a Good Earth Ground

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

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

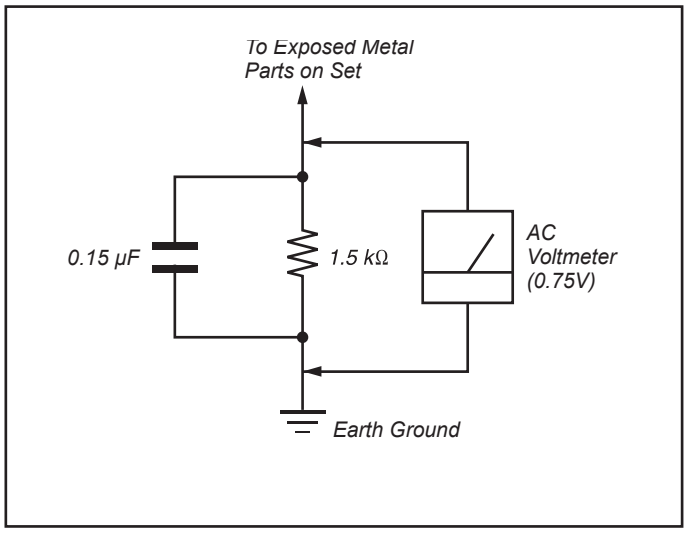


Figure A. Using an AC voltmeter to check AC leakage.

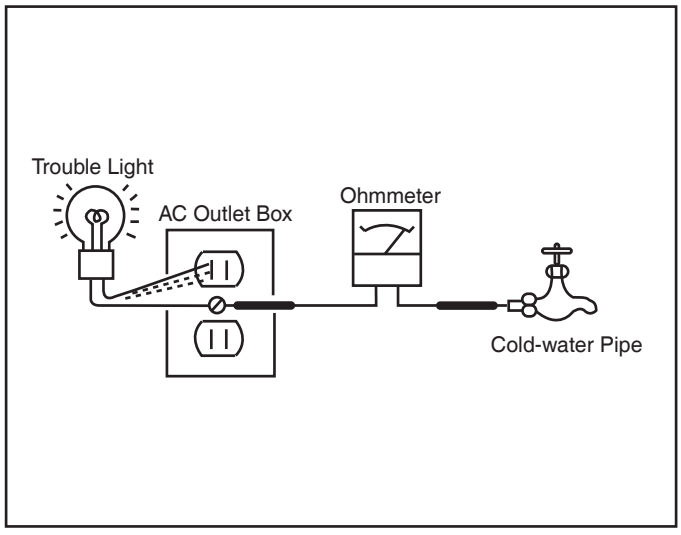
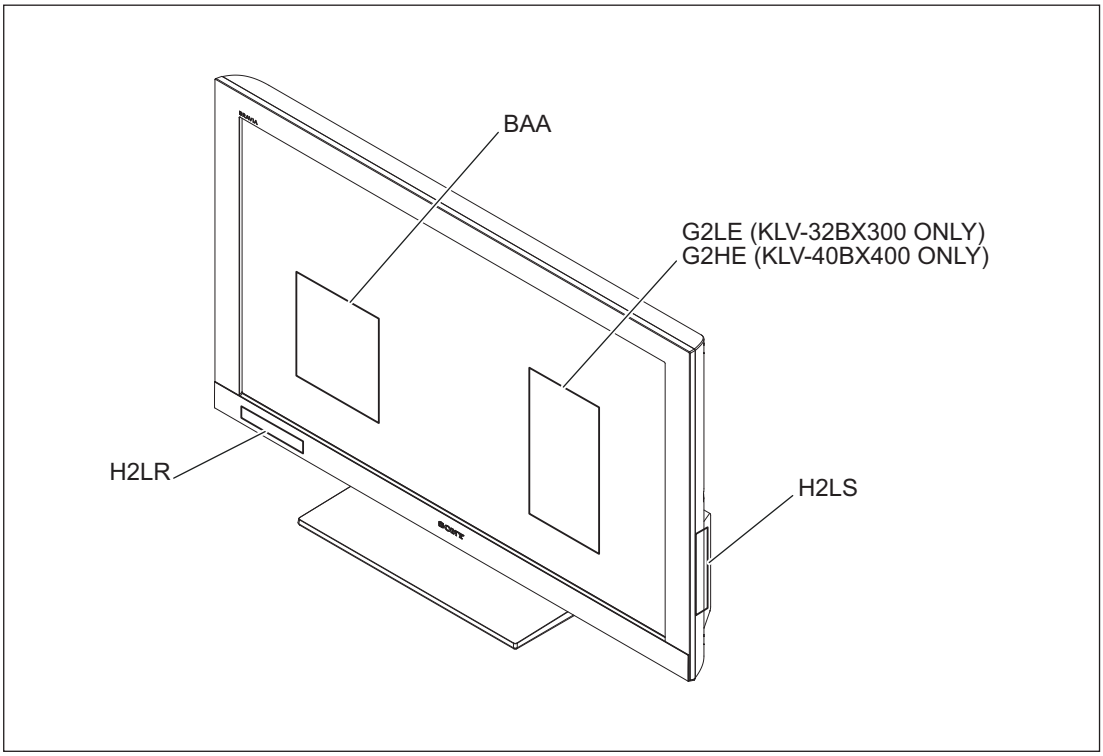


Figure B. Checking for earth ground.

SECTION 1: DIAGRAMS

1-1. CIRCUIT BOARDS LOCATION



1-2. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS INFORMATION

All capacitors are in µF unless otherwise noted. pF : µµF 50WV or less are not indicated except for electrolytics and tantalums.

All electrolytics are in 50V unless otherwise specified.

All resistors are in ohms. kΩ=1000Ω, MΩ=1000kΩ

Indication of resistance, which does not have one for rating electrical power, is as follows: Pitch : 5mm
Rating electrical power : $^1/_4$ W

$^1/_4$ W in resistance, $^1/_{10}$ W and $^1/_{16}$ W in chip resistance.

: nonflammable resistor

: fusible resistor

△ : internal component

: panel designation and adjustment for repair

⊥ : earth ground

: earth-chassis

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

Readings are taken with a color-bar signal input.

Readings are taken with a 10MΩ digital multimeter.

Voltages are DC with respect to ground unless otherwise noted.

Voltage variations may be noted due to normal production tolerances.

All voltages are in V.

S : Measurement impossibility.

: B+line.

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

: signal path. (RF)

Circled numbers are waveform references.

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

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

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

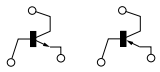
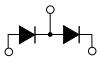
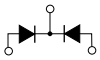
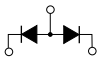
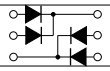
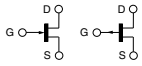
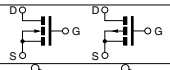
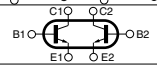
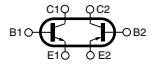
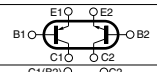
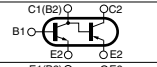
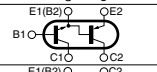
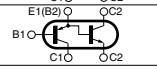
CAPACITOR

: 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

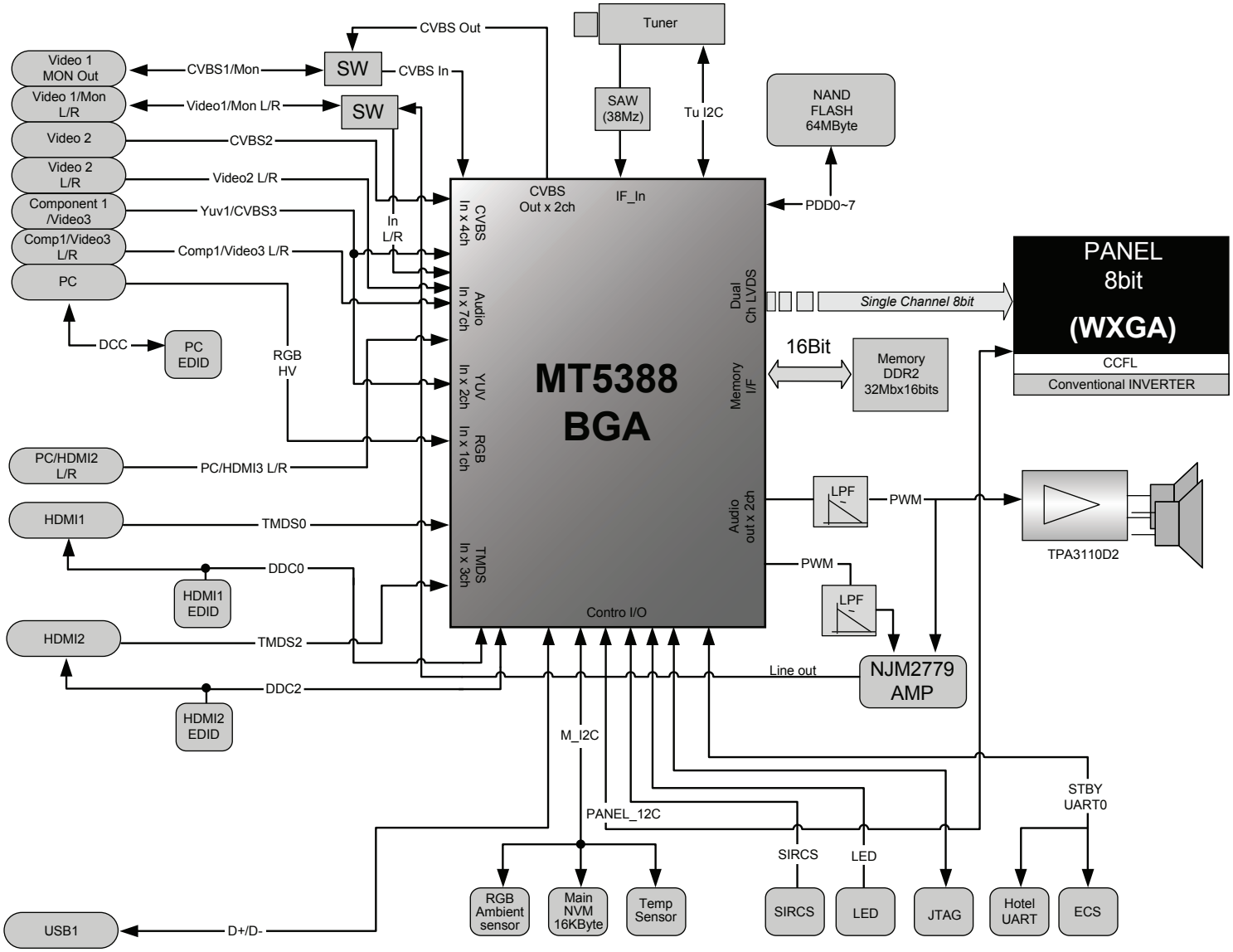
Terminal name of semiconductors in silk screen printed circuit (※)

	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	
10	Diode		Common Cathode Cathode	
11	Diode		Common Cathode Cathode	
12	Diode		Anode Cathode Anode Anode Cathode Anode	
13	Transistor (FET)		Drain Source Gate	
14	Transistor (FET)		Drain Source Gate	
15	Transistor (FET)		□ Source □ Drain □ Gate	
16	Transistor		□ Emitter □ Collector □ Base	
17	Transistor		C2 B1 E1 E2 B2 C1	
18	Transistor		C1 B2 E2 E1 B1 C2	
19	Transistor		C1 B2 E2 E1 B1 C2	
20	Transistor		C1 B2 E2 E1 B1 C2	
21	Transistor		E2 B1 E1 C2 C1(B2)	
22	Transistor		(B2) B1 E1 E2 C1 C2	
23	Transistor		(B2) E2 E1 B1 C2 C1	
–	Discrete semiconductor			

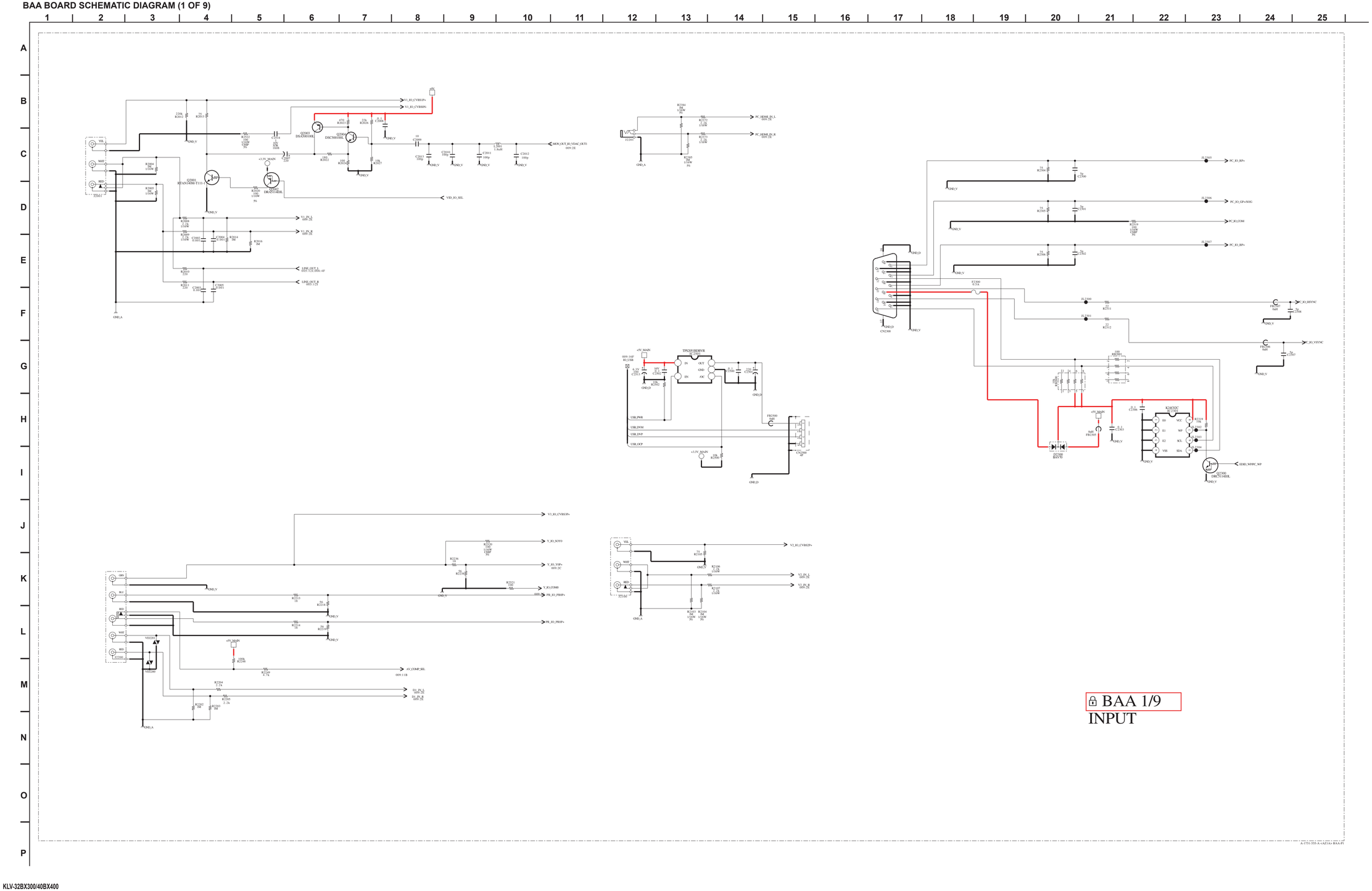
(Chip semiconductors that are not actually used are included.)

Ver.1.6

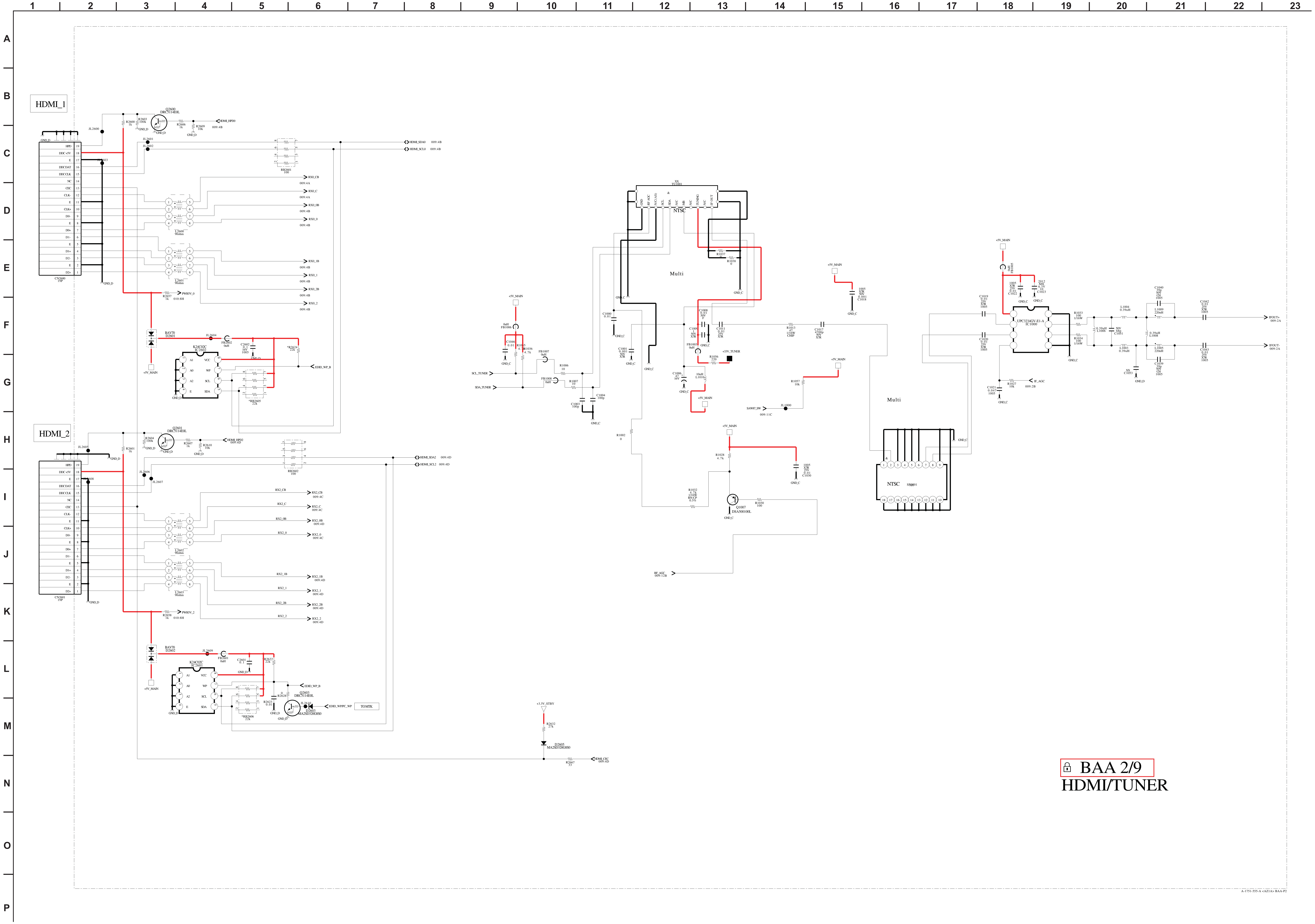
1-3. BLOCK DIAGRAM



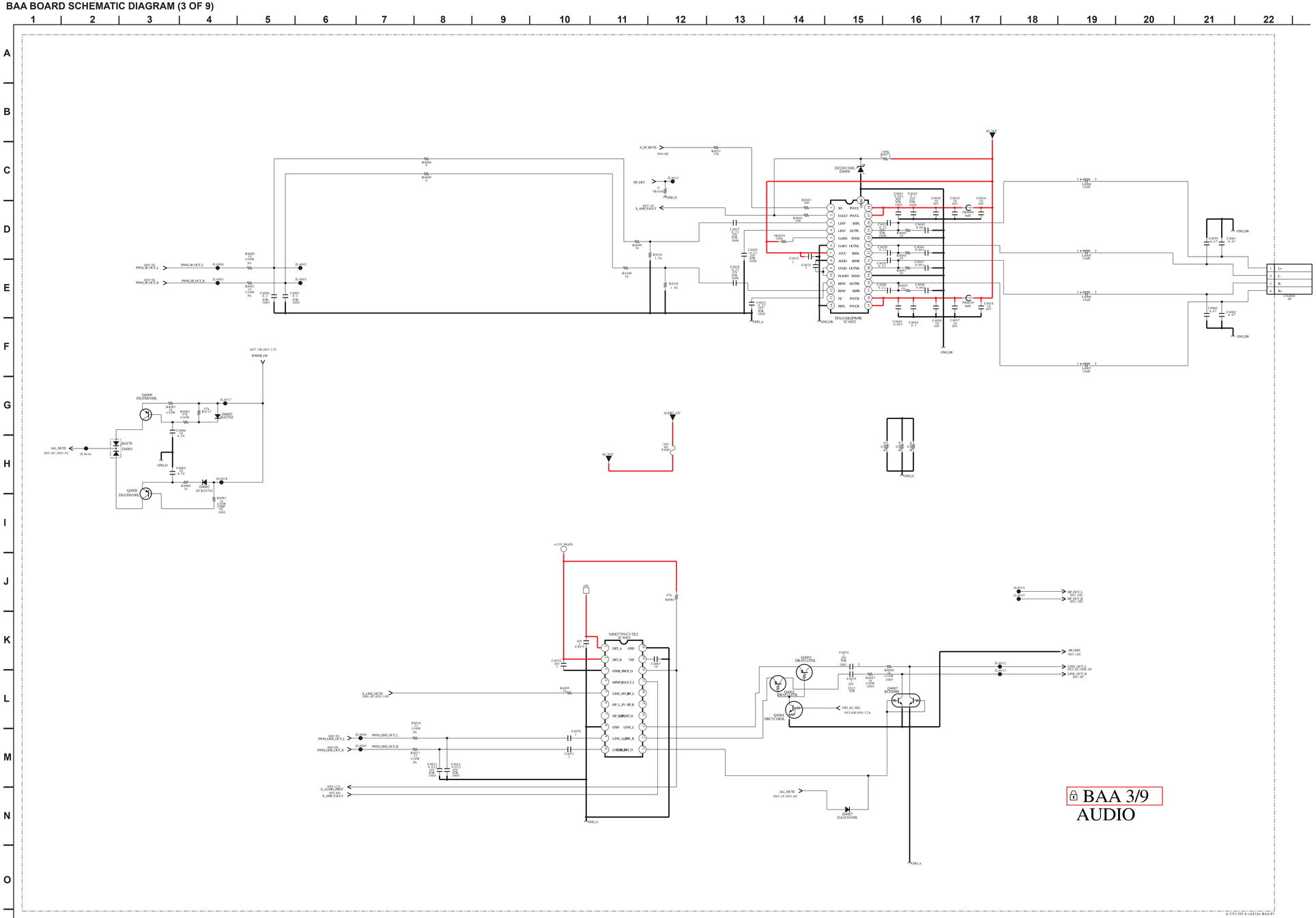
1-4. SCHEMATICS AND SUPPORTING INFORMATION
BAA BOARD SCHEMATIC DIAGRAM (1 OF 9)



BAA BOARD SCHEMATIC DIAGRAM (2 OF 9)

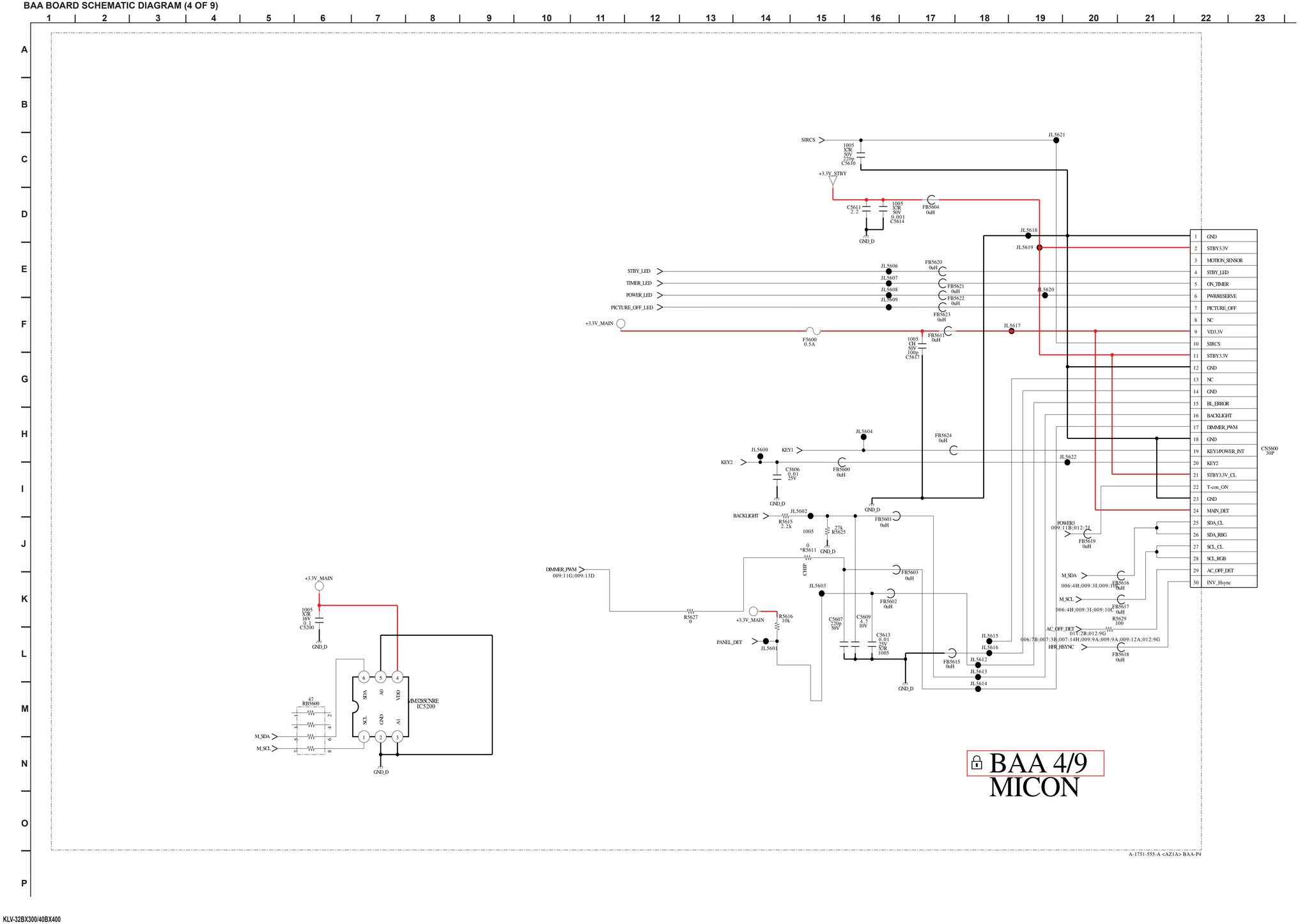


BAA BOARD SCHEMATIC DIAGRAM (3 OF 9)



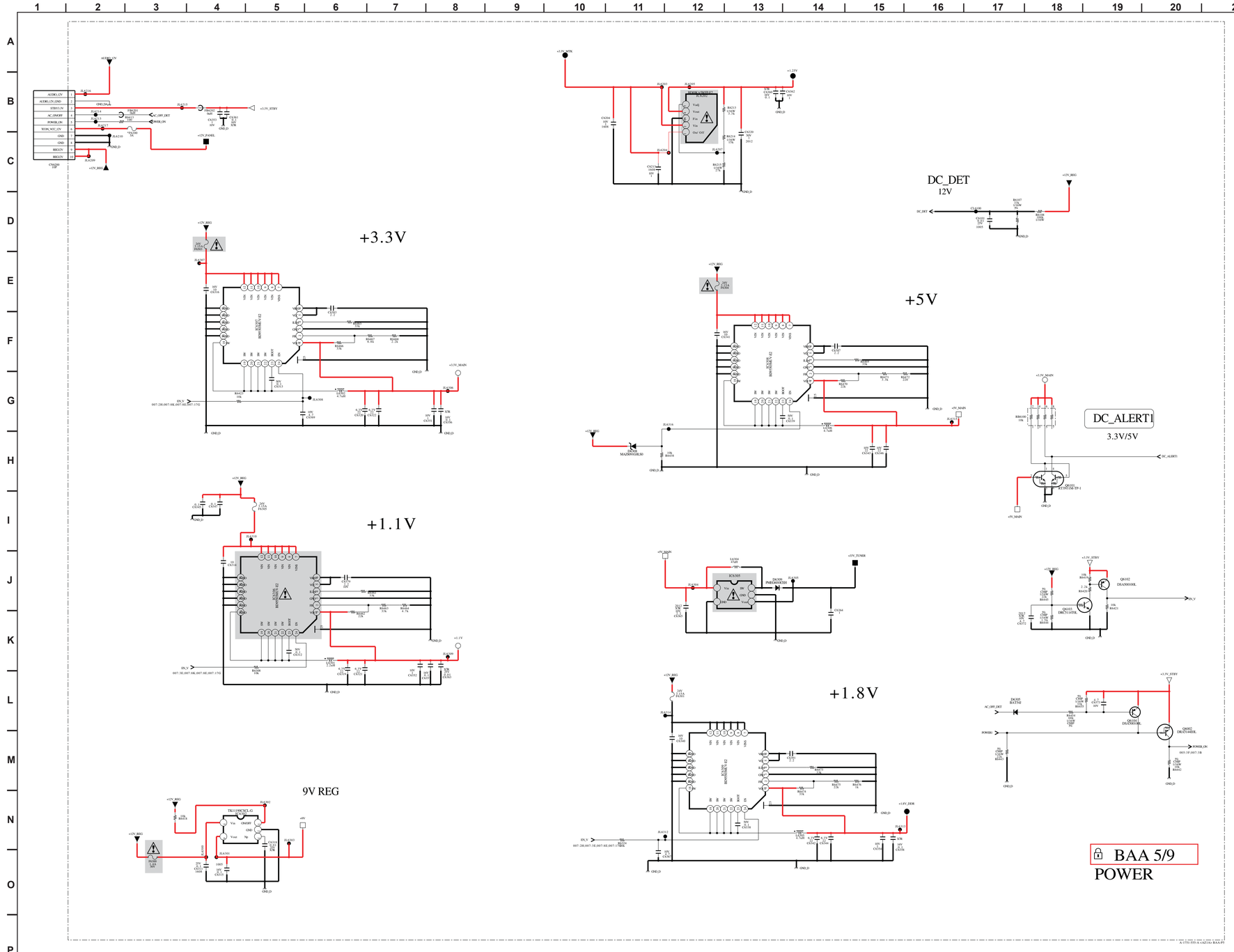
BAA 3/9
AUDIO

BAA BOARD SCHEMATIC DIAGRAM (4 OF 9)



A-1751-555-A <AZ1A> BAA-P4

BAA BOARD SCHEMATIC DIAGRAM (5 OF 9)



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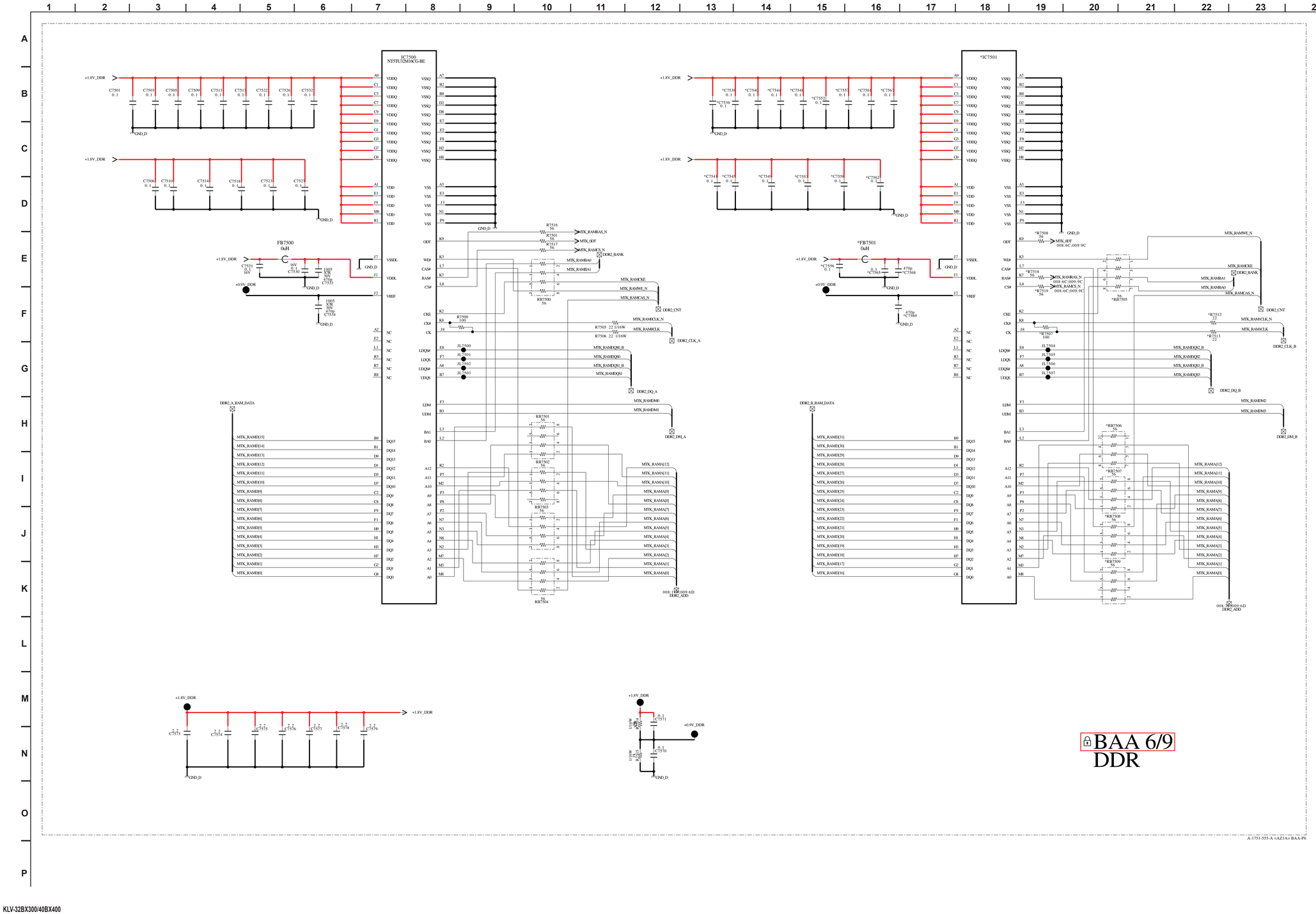

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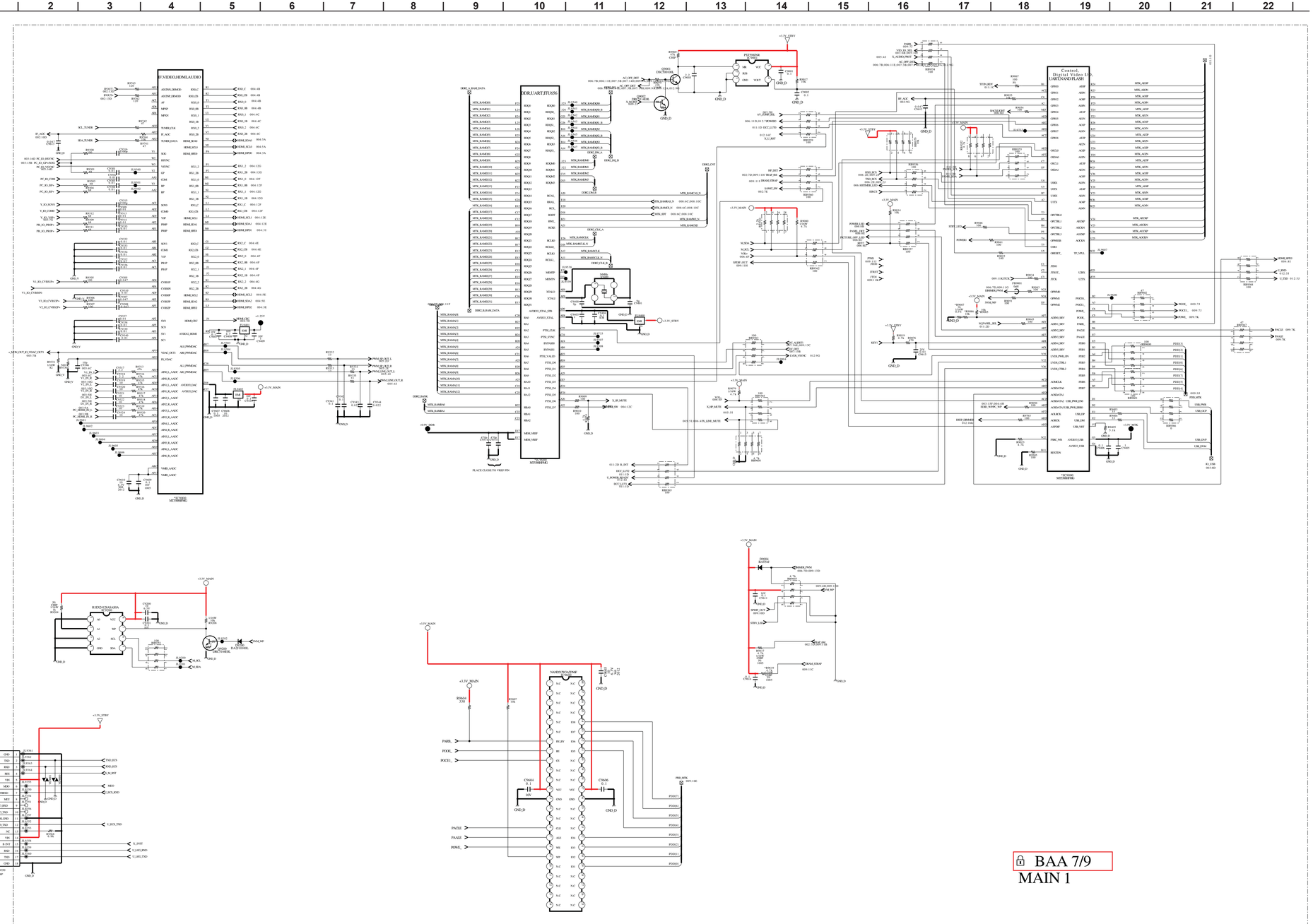

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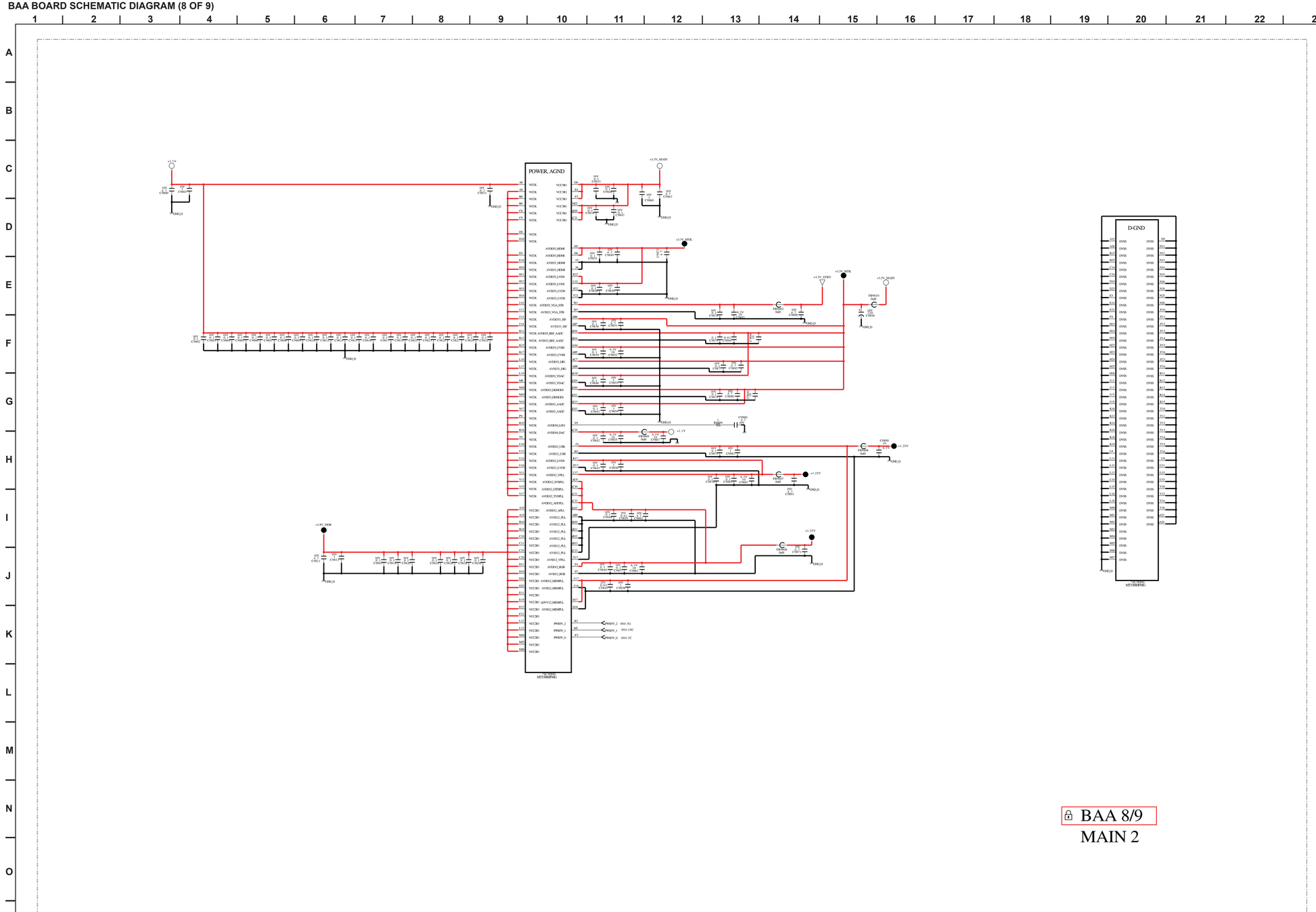

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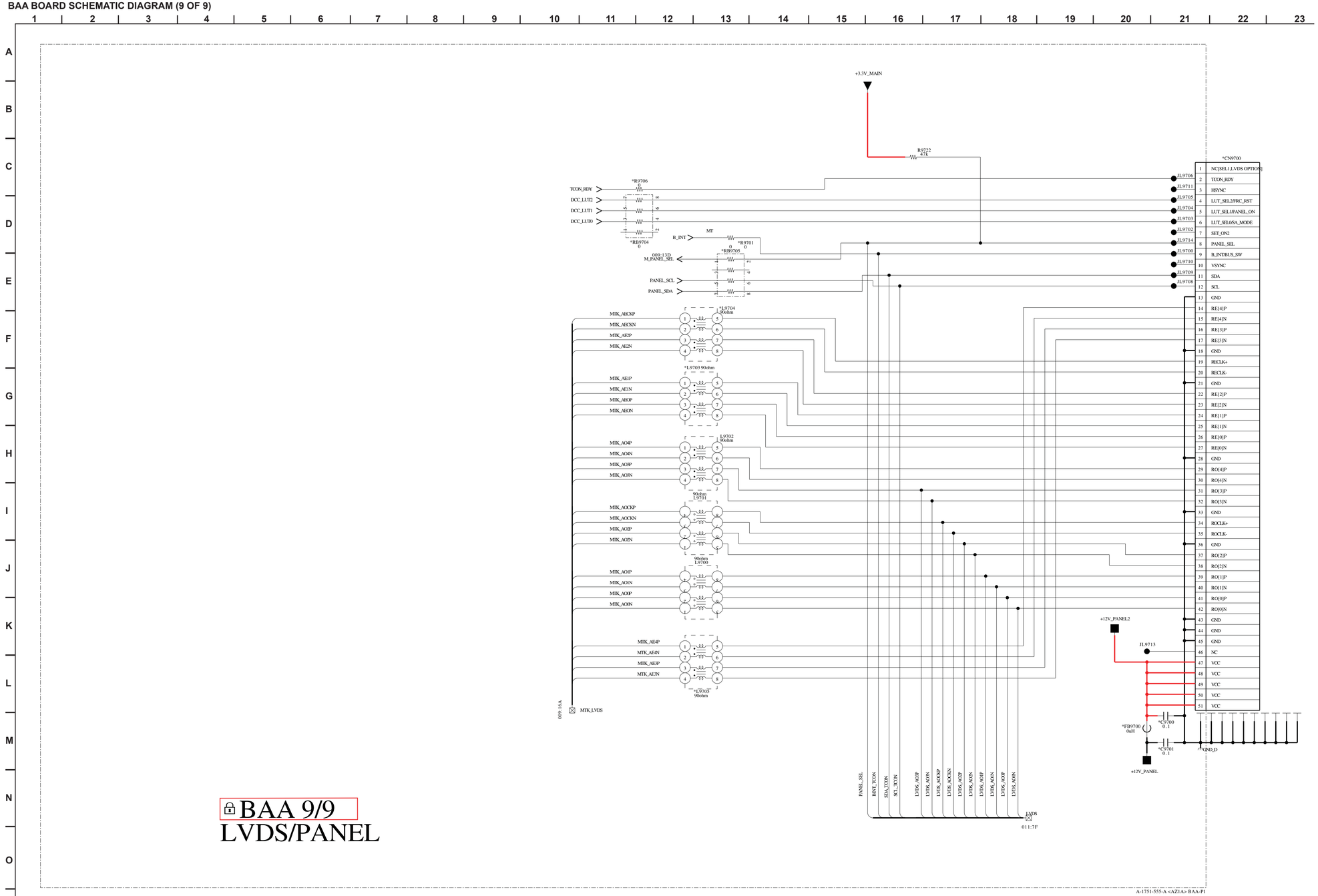


BAA 9/9
LVDS/PANEL

BAA

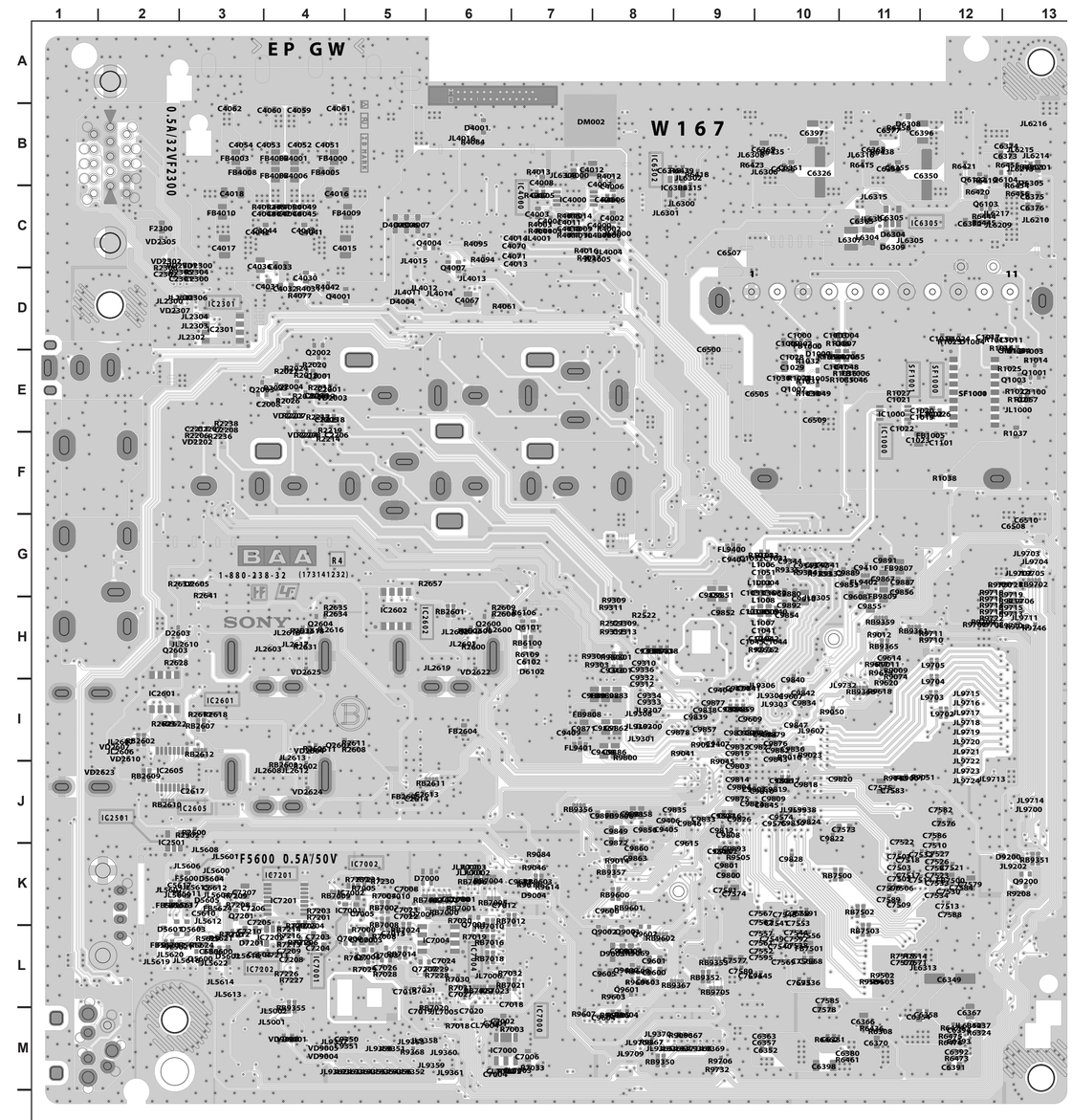
[INPUT/HDMI/MICON/AUDIO/POWER/DDR/MAIN 1/MAIN 2/LVDS/PANEL]

COMPONENT SIDE

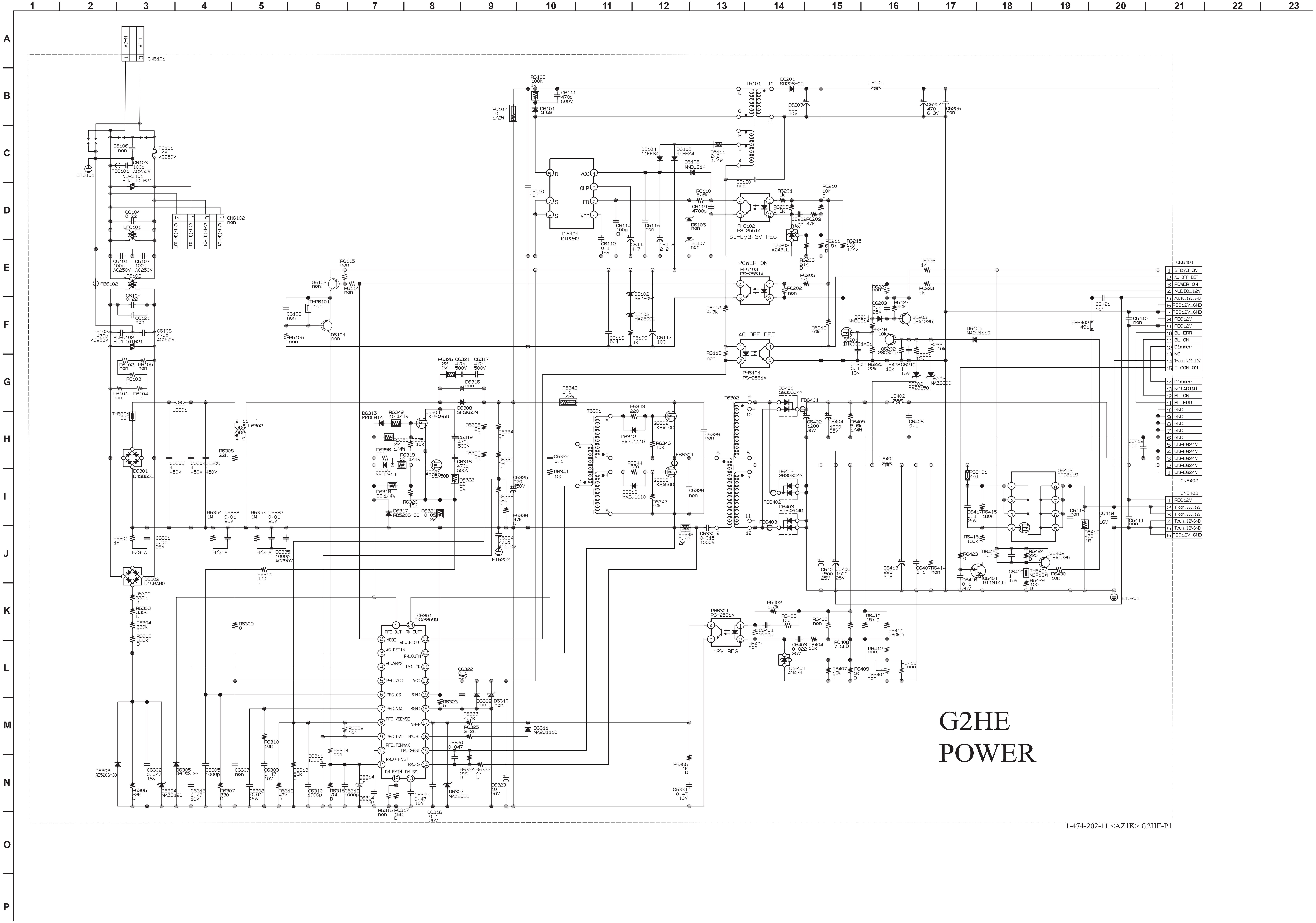
BAA

[INPUT/HDMI/MICON/AUDIO/POWER/DDR/MAIN 1/MAIN 2/LVDS/PANEL]

CONDUCTOR SIDE



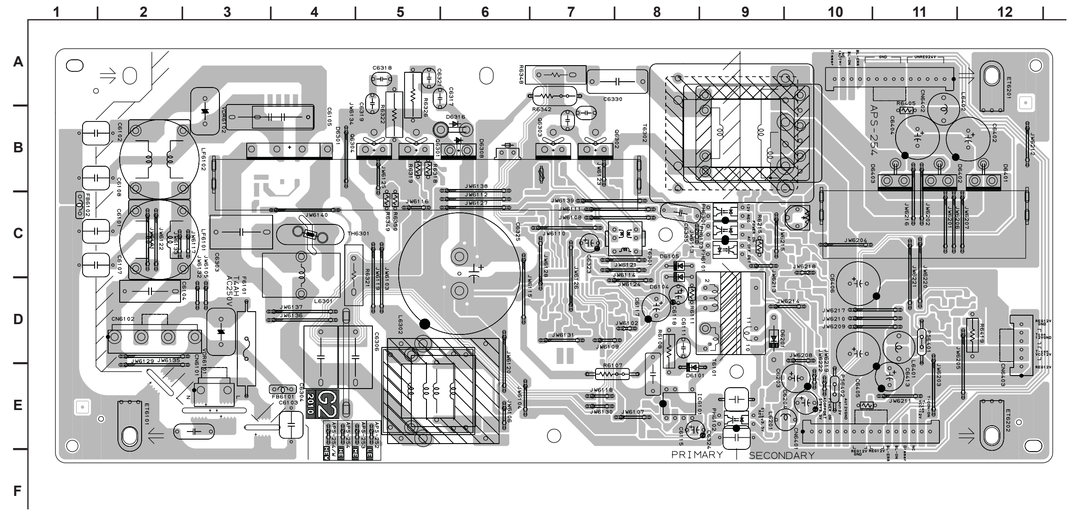
G2HE BOARD SCHEMATIC DIAGRAM (KLV-40BX400 ONLY)



G2HE

[POWER]

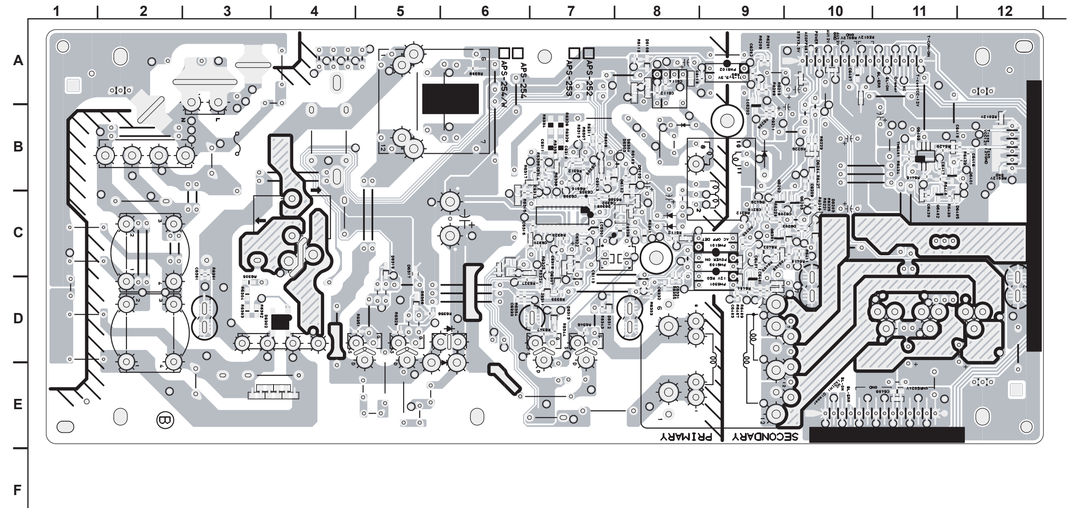
COMPONENT SIDE (KLV-40BX400 ONLY)



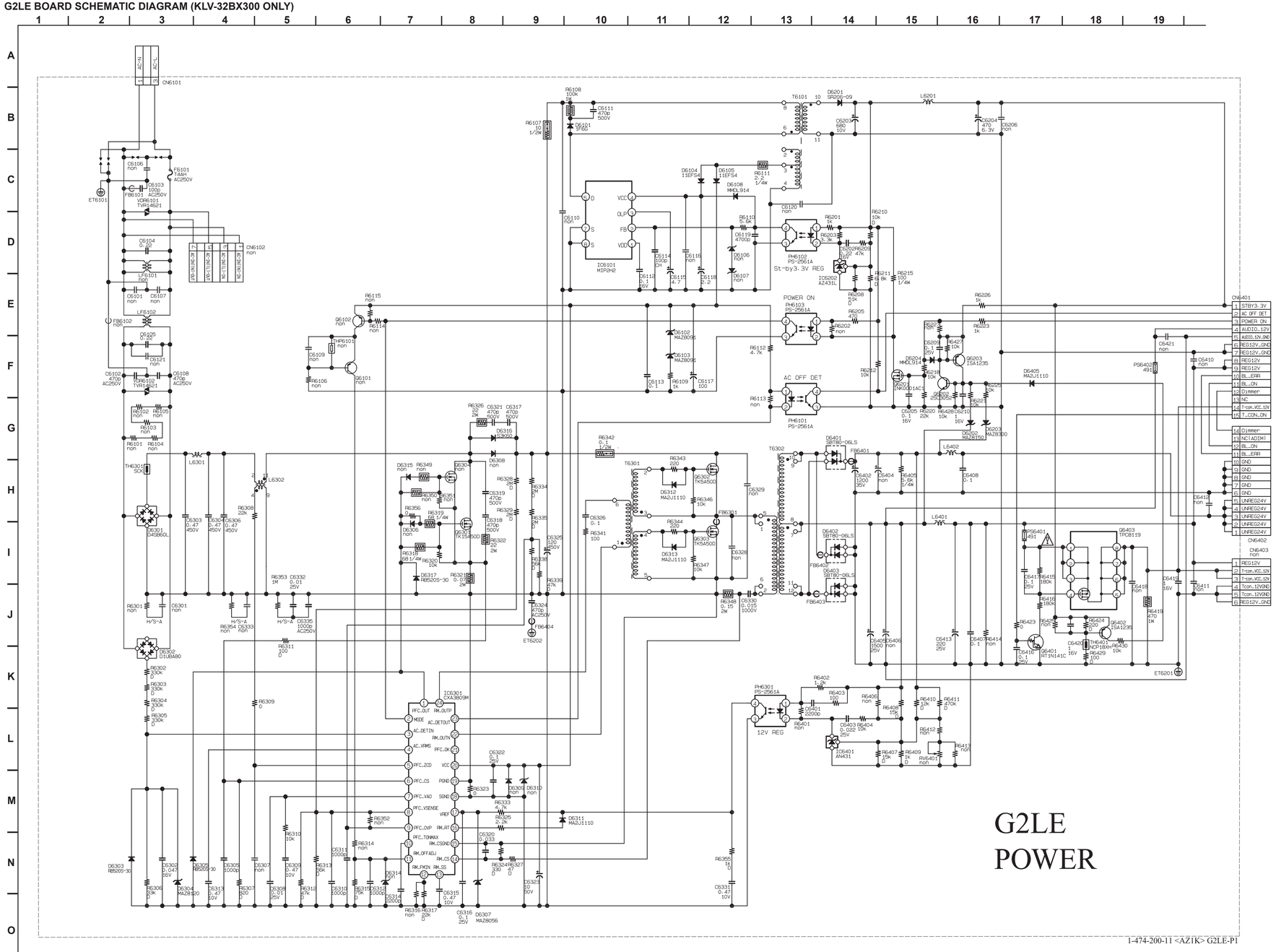
G2HE

[POWER]

CONDUCTOR SIDE (KLV-40BX400 ONLY)



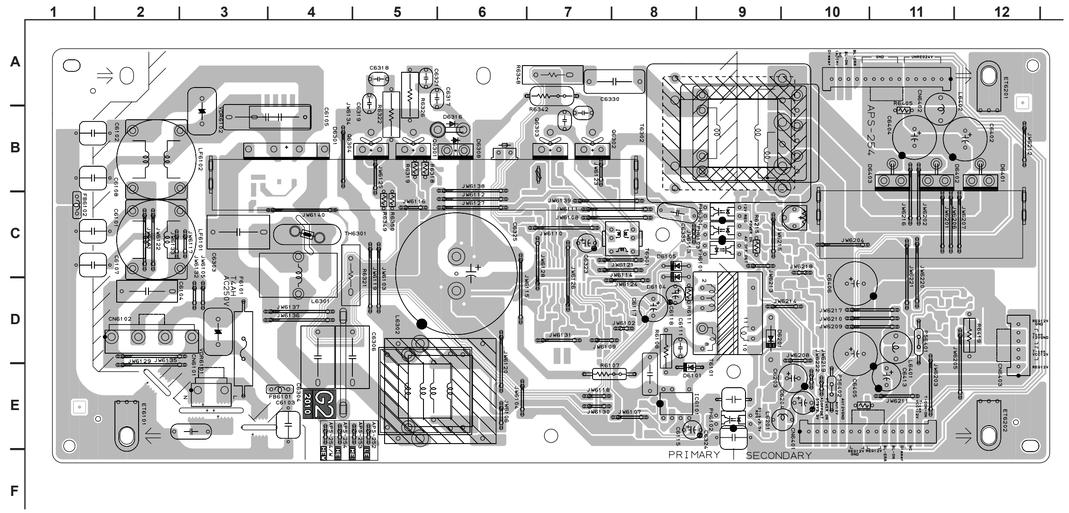
G2LE BOARD SCHEMATIC DIAGRAM (KLV-32BX300 ONLY)



G2LE

[POWER]

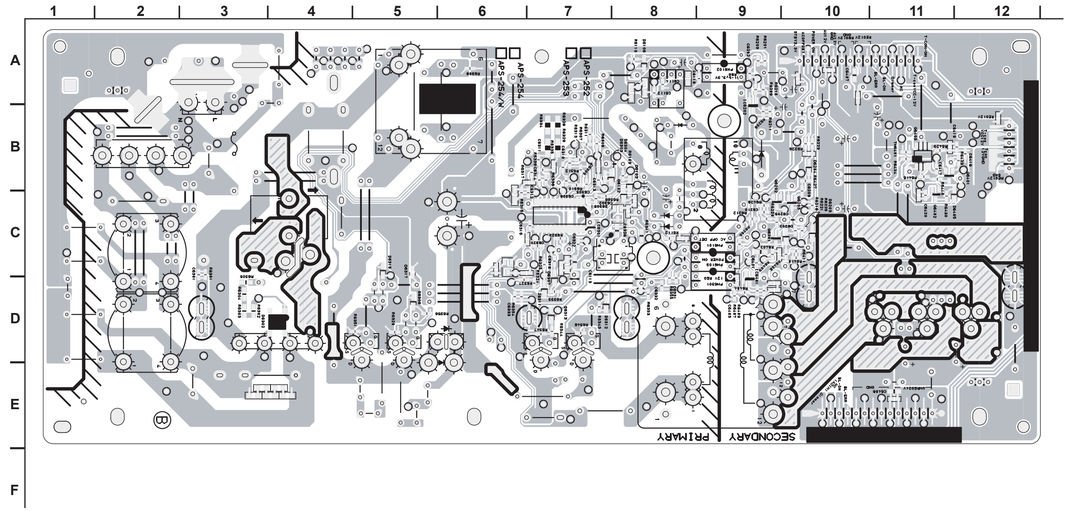
COMPONENT SIDE (KLV-32BX300 ONLY)



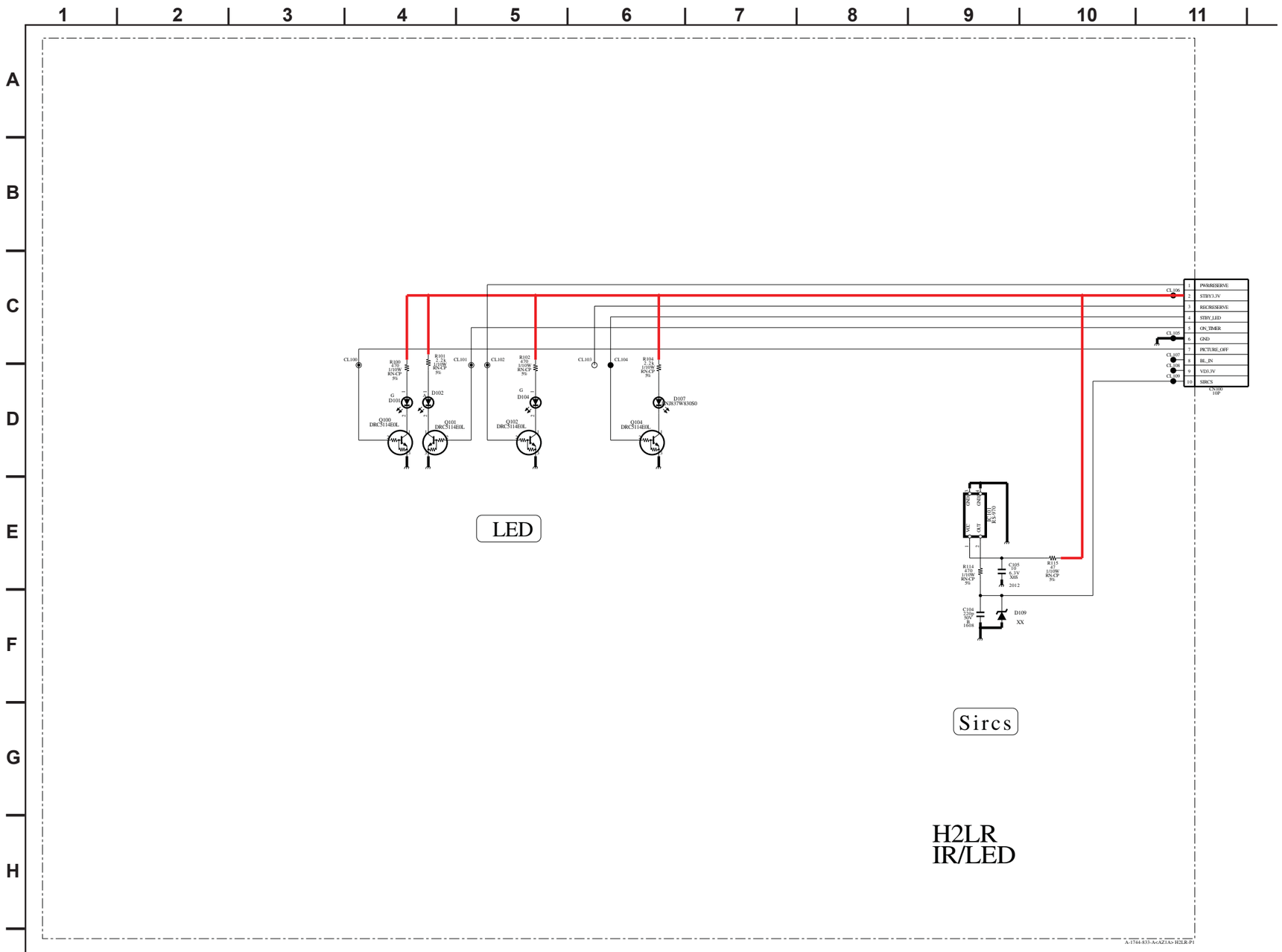
G2LE

[POWER]

CONDUCTOR SIDE (KLV-32BX300 ONLY)



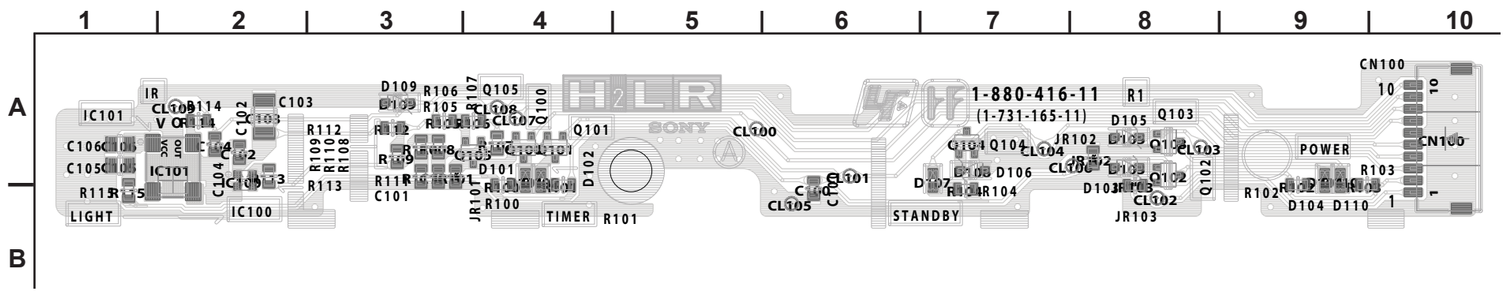
H2LR BOARD SCHEMATIC DIAGRAM



H2LR

[IR/LED]

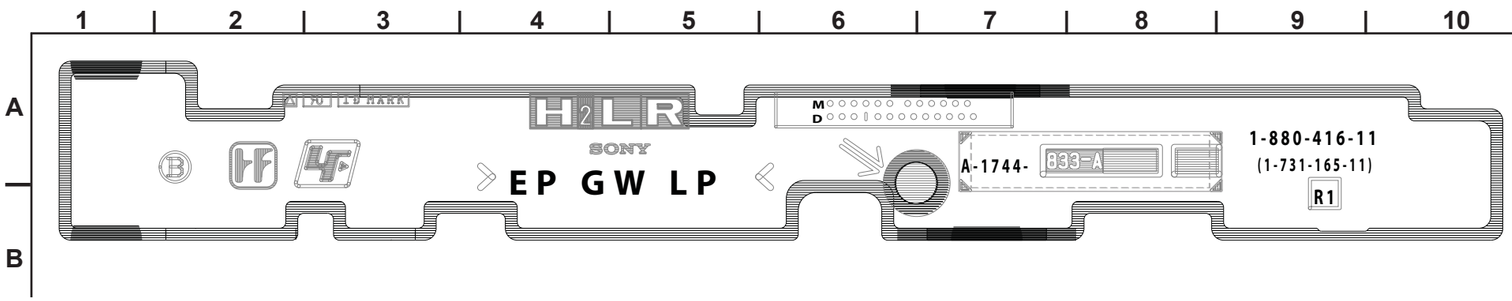
COMPONENT SIDE



H2LR

[IR/LED]

CONDUCTOR SIDE



H2LS BOARD SCHEMATIC DIAGRAM

THE SCHEMATICS DIAGRAMS AND PWBS ARE NOT AVAILABLE FOR THIS BOARD

SECTION 2: ELECTRICAL PARTS LIST

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

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

BAA

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

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.

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

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REF. NO.	PART NO.	DESCRIPTION	VALUES
🔒	A-1751-212-A	BAA BOARD, COMPLETE (KLV-32BX300 ONLY)	
🔒	A-1751-555-A	BAA BOARD, COMPLETE (KLV-40BX400 ONLY)	

NOTE: Final software is not installed on this BAA Board. The latest software update must be downloaded from the Sony Electronics Service Information website at: http://www.sony.com/asp. Install the update after replacing this board using the instructions provided with the software.

CAPACITOR

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C1000	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C1001	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C1003	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C1004	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C1006	1-126-204-11	ELECT CHIP	47µF	20%	16V
C1008	1-164-947-11	CERAMIC CHIP	0.01µF		50V
C1009	1-114-507-11	CERAMIC CHIP	1µF	10%	50V
C1011	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C1017	1-112-776-11	CERAMIC CHIP	0.0047µF	10%	50V
C1018	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C1019	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C1020	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C1021	1-112-779-11	CERAMIC CHIP	0.047µF	10%	25V
C1022	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C1023	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C1030	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C1039	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C1040	1-164-860-11	CERAMIC CHIP	27pF	5%	50V
C1042	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C1043	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C1046	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C1051	1-164-870-11	CERAMIC CHIP	68pF	5%	50V
C1052	1-164-878-11	CERAMIC CHIP	150pF	5%	50V
C1053	1-164-878-11	CERAMIC CHIP	150pF	5%	50V
C2002	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2003	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2004	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2005	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C2007	1-100-767-21	ELECT CHIP	220µF	20%	16V
C2008	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2009	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C2010	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C2011	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C2012	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C2013	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C2300	1-164-845-11	CERAMIC CHIP	5pF	0.25pF	50V
C2301	1-164-845-11	CERAMIC CHIP	5pF	0.25pF	50V
C2302	1-164-845-11	CERAMIC CHIP	5pF	0.25pF	50V
C2303	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2306	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2307	1-164-845-11	CERAMIC CHIP	5pF	0.25pF	50V
C2308	1-164-845-11	CERAMIC CHIP	5pF	0.25pF	50V
C2500	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2501	1-100-767-21	ELECT CHIP	220µF	20%	16V
C2502	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2513	1-114-400-21	ELECT CHIP	100µF	20%	6.3V
C2514	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C2601	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C2602	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4000	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4001	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C4013	1-112-778-11	CERAMIC CHIP	0.022µF	10%	25V
C4014	1-112-778-11	CERAMIC CHIP	0.022µF	10%	25V
C4015	1-114-553-11	CERAMIC CHIP	10µF	10%	16V
C4016	1-114-553-11	CERAMIC CHIP	10µF	10%	16V

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
C4017	1-114-553-11	CERAMIC CHIP	10µF	10%	16V
C4018	1-114-553-11	CERAMIC CHIP	10µF	10%	16V
C4027	1-114-326-11	CERAMIC CHIP	0.22µF	10%	25V
C4028	1-114-326-11	CERAMIC CHIP	0.22µF	10%	25V
C4030	1-114-326-11	CERAMIC CHIP	0.22µF	10%	25V
C4031	1-114-326-11	CERAMIC CHIP	0.22µF	10%	25V
C4032	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C4033	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C4034	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C4035	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C4036	1-100-912-11	CERAMIC CHIP	1µF	10%	25V
C4037	1-114-326-11	CERAMIC CHIP	0.22µF	10%	25V
C4038	1-114-326-11	CERAMIC CHIP	0.22µF	10%	25V
C4039	1-114-326-11	CERAMIC CHIP	0.22µF	10%	25V
C4040	1-114-326-11	CERAMIC CHIP	0.22µF	10%	25V
C4041	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4042	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4043	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C4044	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C4045	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4046	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4047	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4048	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4049	1-114-553-11	CERAMIC CHIP	10µF	10%	16V
C4050	1-114-553-11	CERAMIC CHIP	10µF	10%	16V
C4059	1-112-780-11	CERAMIC CHIP	0.47µF	10%	16V
C4060	1-112-780-11	CERAMIC CHIP	0.47µF	10%	16V
C4061	1-112-780-11	CERAMIC CHIP	0.47µF	10%	16V
C4062	1-112-780-11	CERAMIC CHIP	0.47µF	10%	16V
C4063	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4064	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C4065	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C4066	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C4067	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C4070	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C4071	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C4074	1-114-813-11	CERAMIC CHIP	1µF	10%	16V
C4075	1-114-813-11	CERAMIC CHIP	1µF	10%	16V
C5200	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C5606	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C5607	1-112-068-11	CERAMIC CHIP	220pF	10%	50V
C5609	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C5610	1-112-068-11	CERAMIC CHIP	220pF	10%	50V
C5611	1-114-869-11	CERAMIC CHIP	2.2µF	10%	6.3V
C5613	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C5614	1-100-905-11	CERAMIC CHIP	0.001µF	10%	50V
C5617	1-164-874-11	CERAMIC CHIP	100pF	5%	50V
C6101	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C6204	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C6213	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C6220	1-116-078-11	CERAMIC CHIP	1µF	10%	50V
C6301	1-114-798-11	CERAMIC CHIP	560pF	10%	50V
C6303	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C6306	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C6308	1-112-775-11	CERAMIC CHIP	0.0022µF	10%	50V
C6309	1-112-775-11	CERAMIC CHIP	0.0022µF	10%	50V
C6311	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C6312	1-114-868-11	CERAMIC CHIP	0.1µF	10%	50V
C6313	1-114-868-11	CERAMIC CHIP	0.1µF	10%	50V
C6314	1-114-553-11	CERAMIC CHIP	10µF	10%	16V
C6315	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C6316	1-114-553-11	CERAMIC CHIP	10µF	10%	16V
C6318	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C6319	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C6320	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C6321	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C6322	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C6328	1-112-068-11	CERAMIC CHIP	220pF	10%	50V
C6331	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C6333	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C6335	1-112-775-11	CERAMIC CHIP	0.0022µF	10%	50V
C6336	1-112-779-11	CERAMIC CHIP	0.047µF	10%	25V
C6338	1-114-868-11	CERAMIC CHIP	0.1µF	10%	50V
C6339	1-114-868-11	CERAMIC CHIP	0.1µF	10%	50V
C6340	1-114-553-11	CERAMIC CHIP	10µF	10%	16V
C6341	1-114-553-11	CERAMIC CHIP	10µF	10%	16V
C6342	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C6343	1-116-080-11	CERAMIC CHIP	22µF	10%	10V
C6344	1-114-332-11	CERAMIC CHIP	22µF	10%	6.3V
C6346	1-116-080-11	CERAMIC CHIP	22µF	10%	10V
C6351	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C6352	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C6353	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C6354	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C6356	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C6357	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C6358	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C6360	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C6361	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C6362	1-112-781-11	CERAMIC CHIP	1µF	10%	10V

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
C6363	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C6364	1-116-078-11	CERAMIC CHIP	1µF	10%	50V
C6365	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C6367	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C6369	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C6372	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C6373	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C7501	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7503	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7505	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7506	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7509	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7510	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7513	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7514	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7517	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7518	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7521	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7522	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7523	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7526	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7527	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7530	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7532	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7533	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C7534	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C7570	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7571	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C7573	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C7574	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C7575	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C7576	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C7577	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C7578	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C7579	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C9001	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9002	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9003	1-114-869-11	CERAMIC CHIP	2.2µF	10%	6.3V
C9200	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C9201	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9301	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C9302	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C9303	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C9304	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C9305	1-112-779-11	CERAMIC CHIP	0.047µF	10%	25V
C9307	1-112-779-11	CERAMIC CHIP	0.047µF	10%	25V
C9308	1-112-779-11	CERAMIC CHIP	0.047µF	10%	25V
C9309	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C9310	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C9312	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C9313	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C9314	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C9315	1-114-800-11	CERAMIC CHIP	0.0015µF	10%	50V
C9316	1-114-800-11	CERAMIC CHIP	0.0015µF	10%	50V
C9317	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C9318	1-112-064-11	CERAMIC CHIP	2.2µF	10%	10V
C9319	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C9320	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C9321	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C9322	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C9323	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C9324	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C9332	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C9333	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C9334	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C9335	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C9336	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C9337	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C9338	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C9339	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C9340	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C9341	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9342	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9343	1-112-778-11	CERAMIC CHIP	0.022µF	10%	25V
C9344	1-112-778-11	CERAMIC CHIP	0.022µF	10%	25V
C9346	1-164-850-11	CERAMIC CHIP	10pF	0.50pF	50V
C9400	1-164-849-11	CERAMIC CHIP	9pF	0.50pF	50V
C9401	1-164-849-11	CERAMIC CHIP	9pF	0.50pF	50V
C9403	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C9404	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9405	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C9406	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9407	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9408	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C9409	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C9410	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9574	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C9575	1-112-774-11	CERAMIC CHIP	470pF	10%	50V
C9604	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9605	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
C9606	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9607	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9608	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C9609	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9610	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C9611	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9612	1-112-779-11	CERAMIC CHIP	0.047µF	10%	25V
C9613	1-165-176-11	CERAMIC CHIP	0.047µF	10%	16V
C9614	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9615	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C9700	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C9701	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
C9800	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C9801	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C9802	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9803	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9804	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9805	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9806	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9807	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9808	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9809	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9810	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9811	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C9812	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9813	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C9814	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9815	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9816	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9817	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9818	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9819	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9820	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9821	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9823	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9824	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9825	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9826	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9827	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9828	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9829	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9830	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9831	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9832	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9833	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V

REF. NO.	PART NO.	DESCRIPTION	VALUES		
C9834	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9835	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9836	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9838	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9839	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9840	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9841	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9842	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9843	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9844	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9845	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C9846	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9847	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9848	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9849	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C9850	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C9851	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C9852	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C9853	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C9854	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C9855	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C9856	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C9857	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9858	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C9859	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C9860	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C9861	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C9862	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C9863	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C9867	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C9871	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C9872	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C9874	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9875	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9876	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9877	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9878	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9879	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9880	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C9881	1-112-781-11	CERAMIC CHIP	1µF	10%	10V
C9882	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
C9883	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
C9884	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
C9885	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
C9886	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V

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

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	REF. NO.	PART NO.	DESCRIPTION	VALUES		
	C9887	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
	C9888	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
	C9889	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
	C9890	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
	C9891	1-114-331-11	CERAMIC CHIP	4.7µF	10%	10V
	C9892	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
	C9893	1-100-916-11	CERAMIC CHIP	0.1µF	10%	16V
	C9894	1-100-767-21	ELECT CHIP	220µF	20%	16V
		CONNECTOR				
	CN2300	1-822-541-11	D SUB CONNECTOR			
*	CN2600	1-821-819-22	HDMI CONNECTOR			
*	CN2601	1-842-041-11	HDMI CONNECTOR			
	CN4000	1-819-461-11	HEADER ASSEMBLY FOR PWB			
	CN5600	1-820-235-11	HEADER ASSEMBLY		30P	
*	CN6200	1-819-447-11	HEADER ASSEMBLY FOR PWB			
	CN9350	1-779-936-51	CONNECTOR, FFC/FPC 18P			
	CN9701	1-842-131-11	FLAT CABLE CONNECTOR		30P	
		DIODE				
	D1003	8-719-082-22	DIODE	KDS114-RTK		
	D2300	6-500-514-01	DIODE	BAV70		
	D2601	6-500-514-01	DIODE	BAV70		
	D2602	6-500-514-01	DIODE	BAV70		
	D2603	6-502-150-01	DIODE	MA2SD320G8S0		
	D2605	6-502-150-01	DIODE	MA2SD320G8S0		
	D4001	6-500-514-01	DIODE	BAV70		
	D4002	6-503-054-01	DIODE	BAT54J		
	D4003	6-503-054-01	DIODE	BAT54J		
	D4007	8-719-056-48	DIODE	1SS388(TPL3)		
	D6305	8-719-056-48	DIODE	1SS388(TPL3)		
	D6308	6-501-754-01	DIODE	MAZ8091G0LS0		
	D9004	8-719-056-48	DIODE	1SS388(TPL3)		
	D9200	6-502-961-01	DIODE	DA2J10100L		
		FUSE				
	F2300	1-576-863-31	FUSE	0.5A		32V
	F4001	1-576-958-31	FUSE	4A		24V
	F5600	1-576-863-31	FUSE	0.5A		32V
	F6200	1-576-933-31	FUSE	5A		24V
⚠	F6300	1-576-406-31	FUSE	1.4A		32V
	F6301	1-576-603-31	FUSE	3.15A		24V
	F6302	1-576-603-31	FUSE	3.15A		24V
	F6303	1-576-603-31	FUSE	3.15A		24V
⚠	F6304	1-576-603-31	FUSE	3.15A		24V

REF. NO.	PART NO.	DESCRIPTION	VALUES
FB1003	1-457-391-21	FERRITE	0µH
FB1005	1-457-391-21	FERRITE	0µH
FB1006	1-400-198-21	FERRITE	0µH
FB1007	1-457-391-21	FERRITE	0µH
FB1008	1-457-391-21	FERRITE	0µH
FB2305	1-481-516-11	FERRITE	0µH
FB2306	1-481-516-11	FERRITE	0µH
FB2307	1-481-516-11	FERRITE	0µH
FB2500	1-481-466-11	FERRITE	0µH
FB2601	1-457-391-21	FERRITE	0µH
FB2602	1-457-391-21	FERRITE	0µH
FB4009	1-400-915-21	FERRITE	0µH
FB4010	1-400-915-21	FERRITE	0µH
FB5600	1-469-084-21	FERRITE	0MH
FB5601	1-457-391-21	FERRITE	0µH
FB5602	1-457-391-21	FERRITE	0µH
FB5603	1-457-391-21	FERRITE	0µH
FB5604	1-414-760-21	FERRITE	0µH
FB5611	1-414-760-21	FERRITE	0µH
FB5615	1-400-591-22	FERRITE	0µH
FB5616	1-414-760-21	FERRITE	0µH
FB5617	1-414-760-21	FERRITE	0µH
FB5618	1-414-760-21	FERRITE	0µH
FB5619	1-414-760-21	FERRITE	0µH
FB5620	1-469-084-21	FERRITE	0MH
FB5621	1-469-084-21	FERRITE	0MH
FB5622	1-469-084-21	FERRITE	0MH
FB5623	1-469-084-21	FERRITE	0MH
FB5624	1-469-084-21	FERRITE	0MH
FB6201	1-400-591-22	FERRITE	0µH
FB6202	1-400-591-22	FERRITE	0µH
FB7500	1-400-244-11	FERRITE	0µH
FB9001	1-457-391-21	FERRITE	0µH
FB9700	1-469-669-21	FERRITE	0µH
FB9802	1-469-365-21	FERRITE	0µH
FB9806	1-469-365-21	FERRITE	0µH
FB9807	1-469-365-21	FERRITE	0µH
FB9808	1-469-365-21	FERRITE	0µH
FB9809	1-469-365-21	FERRITE	0µH
FB9810	1-469-669-21	FERRITE	0µH
	FILTER		
FL9400	1-200-014-21	FILTER, EMI REMOVAL (SMD)	
FL9401	1-200-014-21	FILTER, EMI REMOVAL (SMD)	
FL9402	1-200-014-21	FILTER, EMI REMOVAL (SMD)	

FERRITE BEAD

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

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REF. NO.	PART NO.	DESCRIPTION	VALUES
	IC		
IC1000	6-715-092-01	IC	UPC3234GV-E1-A
IC2501	6-714-891-01	IC	TPS2051BDBVR
IC4003	6-714-882-01	IC	NJM2779VC3-TE2
IC5200	6-713-291-01	IC	MM3285CNRE
⚠ IC6202	6-711-042-01	IC	BD00KA5WFP-E2
IC6300	6-714-911-01	IC	TPS54325PWPR
IC6301	6-714-911-01	IC	TPS54325PWPR
IC6302	6-712-744-01	IC	TK11190CSCL-G
IC6303	6-714-911-01	IC	TPS54325PWPR
IC6304	6-714-935-01	IC	TPS54225PWPR
IC7500	6-713-988-01	IC	NT5TU32M16CG-BE
IC9001	6-705-418-01	IC	PST598INR
IC9200	6-714-153-01	IC	R1EX24128ASAS0A
IC9600	6-714-748-01	IC	NAND512W3A2DN6F
	JACK		
J2001	1-842-056-11	PHONO JACK	3P
J2100	1-842-105-11	PHONO JACK (RIGHT ANGLE)	
J2200	1-842-055-11	PHONO JACK	5P
J2201	1-573-798-31	JACK, MINIATURE (DIA. 3.5)	
	COIL		
L1003	1-412-974-41	INDUCTOR	0.39µH
L1004	1-412-974-41	INDUCTOR	0.39µH
L1005	1-414-920-41	INDUCTOR	220NH
L1006	1-414-920-41	INDUCTOR	220NH
L1008	1-414-920-41	INDUCTOR	220NH
L1009	1-414-920-41	INDUCTOR	220NH
L1010	1-469-555-21	INDUCTOR	10µH
L2001	1-412-982-21	INDUCTOR	1.8µH
L2600	1-457-539-11	INDUCTOR	0µH
L2601	1-457-539-11	INDUCTOR	0µH
L2602	1-457-539-11	INDUCTOR	0µH
L2603	1-457-539-11	INDUCTOR	0µH
L4004	1-457-884-11	INDUCTOR	15µH
L4005	1-457-884-11	INDUCTOR	15µH
L4006	1-457-884-11	INDUCTOR	15µH
L4007	1-457-884-11	INDUCTOR	15µH
L6301	1-457-714-11	INDUCTOR	4.7µH
L6302	1-457-714-11	INDUCTOR	4.7µH
L6304	1-400-793-21	INDUCTOR	47µH
L6305	1-457-714-11	INDUCTOR	4.7µH
L6306	1-457-714-11	INDUCTOR	4.7µH
L9700	1-457-539-11	INDUCTOR	0µH
L9701	1-457-539-11	INDUCTOR	0µH
L9702	1-457-539-11	INDUCTOR	0µH
	TRANSISTOR		
Q1007	6-552-407-01	TRANSISTOR	DSA500100L
Q2001	6-551-677-01	TRANSISTOR	RTAN140M-T111-1
Q2002	6-552-410-01	TRANSISTOR	DRA5114E0L
Q2003	6-552-407-01	TRANSISTOR	DSA500100L
Q2004	6-552-408-01	TRANSISTOR	DSC500100L
Q2300	6-552-430-01	TRANSISTOR	DRC5114E0L
Q2600	6-552-430-01	TRANSISTOR	DRC5114E0L
Q2601	6-552-430-01	TRANSISTOR	DRC5114E0L
Q2603	6-552-430-01	TRANSISTOR	DRC5114E0L
Q4002	6-552-411-01	TRANSISTOR	DRA5114T0L
Q4003	6-552-411-01	TRANSISTOR	DRA5114T0L
Q4004	6-552-430-01	TRANSISTOR	DRC5114E0L
Q4007	6-551-960-01	TRANSISTOR	RT3X99M
Q4008	6-552-407-01	TRANSISTOR	DSA500100L
Q4009	6-552-407-01	TRANSISTOR	DSA500100L
Q6002	6-552-424-01	TRANSISTOR	DRA5144E0L
Q6101	6-551-690-01	TRANSISTOR	RT3N11M-TP-1
Q6102	6-552-407-01	TRANSISTOR	DSA500100L
Q6103	6-552-431-01	TRANSISTOR	DRC5114T0L
Q6104	6-552-407-01	TRANSISTOR	DSA500100L
Q7202	6-552-430-01	TRANSISTOR	DRC5114E0L
Q9001	6-552-408-01	TRANSISTOR	DSC500100L
Q9002	6-552-430-01	TRANSISTOR	DRC5114E0L
Q9200	6-552-444-01	TRANSISTOR	DRC5144E0L
	RESISTOR		
R1002	1-218-990-81	SHORT CHIP	
R1003	1-218-990-81	SHORT CHIP	
R1006	1-218-929-11	METAL CHIP	10 5% 1/16W
R1007	1-218-929-11	METAL CHIP	10 5% 1/16W
R1010	1-218-990-81	SHORT CHIP	
R1013	1-218-937-11	METAL CHIP	47 5% 1/16W
R1027	1-218-965-11	METAL CHIP	10K 5% 1/16W
R1028	1-218-961-11	METAL CHIP	4.7K 5% 1/16W
R1030	1-218-941-81	METAL CHIP	100 5% 1/16W
R1032	1-208-699-11	METAL CHIP	4.7K 0.50% 1/16W
R1033	1-218-941-81	METAL CHIP	100 5% 1/16W
R1034	1-218-941-81	METAL CHIP	100 5% 1/16W
R1035	1-218-961-11	METAL CHIP	4.7K 5% 1/16W

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
R1036	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R1040	1-216-864-11	SHORT CHIP			
R1041	1-216-864-11	SHORT CHIP			
R1056	1-218-945-11	METAL CHIP	220	5%	1/16W
R1057	1-218-965-11	METAL CHIP	10K	5%	1/16W
R1068	1-216-864-11	SHORT CHIP			
R1069	1-216-864-11	SHORT CHIP			
R1070	1-216-864-11	SHORT CHIP			
R2001	1-218-990-81	SHORT CHIP			
R2002	1-218-990-81	SHORT CHIP			
R2004	1-218-989-11	METAL CHIP	1M	5%	1/16W
R2005	1-218-989-11	METAL CHIP	1M	5%	1/16W
R2008	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R2009	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R2010	1-218-945-11	METAL CHIP	220	5%	1/16W
R2011	1-218-945-11	METAL CHIP	220	5%	1/16W
R2012	1-218-981-91	METAL CHIP	220K	5%	1/16W
R2013	1-208-860-81	METAL CHIP	75	0.50%	1/16W
R2014	1-218-989-11	METAL CHIP	1M	5%	1/16W
R2016	1-218-989-11	METAL CHIP	1M	5%	1/16W
R2020	1-218-941-81	METAL CHIP	100	5%	1/16W
R2022	1-208-869-11	METAL CHIP	180	0.50%	1/16W
R2023	1-218-949-11	METAL CHIP	470	5%	1/16W
R2024	1-218-941-81	METAL CHIP	100	5%	1/16W
R2026	1-218-969-11	METAL CHIP	22K	5%	1/16W
R2027	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2100	1-218-990-81	SHORT CHIP			
R2101	1-218-990-81	SHORT CHIP			
R2103	1-218-989-11	METAL CHIP	1M	5%	1/16W
R2104	1-218-989-11	METAL CHIP	1M	5%	1/16W
R2105	1-208-860-81	METAL CHIP	75	0.50%	1/16W
R2106	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R2107	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R2200	1-218-990-81	SHORT CHIP			
R2201	1-218-990-81	SHORT CHIP			
R2202	1-218-989-11	METAL CHIP	1M	5%	1/16W
R2203	1-218-989-11	METAL CHIP	1M	5%	1/16W
R2204	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R2205	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R2213	1-220-876-81	METAL CHIP	18	0.50%	1/16W
R2214	1-220-876-81	METAL CHIP	18	0.50%	1/16W
R2218	1-218-938-11	METAL CHIP	56	5%	1/16W
R2219	1-218-938-11	METAL CHIP	56	5%	1/16W
R2236	1-220-876-81	METAL CHIP	18	0.50%	1/16W
R2238	1-218-938-11	METAL CHIP	56	5%	1/16W
R2248	1-218-977-11	METAL CHIP	100K	5%	1/16W
R2249	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R2304	1-208-860-81	METAL CHIP	75	0.50%	1/16W
R2305	1-208-860-81	METAL CHIP	75	0.50%	1/16W
R2306	1-208-860-81	METAL CHIP	75	0.50%	1/16W
R2307	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2308	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2309	1-218-941-81	METAL CHIP	100	5%	1/16W
R2310	1-218-941-81	METAL CHIP	100	5%	1/16W
R2311	1-218-933-11	METAL CHIP	22	5%	1/16W
R2312	1-218-933-11	METAL CHIP	22	5%	1/16W
R2319	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2372	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R2373	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R2384	1-218-989-11	METAL CHIP	1M	5%	1/16W
R2385	1-218-989-11	METAL CHIP	1M	5%	1/16W
R2386	1-218-990-81	SHORT CHIP			
R2387	1-218-990-81	SHORT CHIP			
R2500	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2502	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2509	1-208-860-81	METAL CHIP	75	0.50%	1/16W
R2519	1-218-941-81	METAL CHIP	100	5%	1/16W
R2520	1-218-941-81	METAL CHIP	100	5%	1/16W
R2521	1-218-941-81	METAL CHIP	100	5%	1/16W
R2522	1-218-941-81	METAL CHIP	100	5%	1/16W
R2600	1-218-953-11	METAL CHIP	1K	5%	1/16W
R2601	1-218-953-11	METAL CHIP	1K	5%	1/16W
R2603	1-218-977-11	METAL CHIP	100K	5%	1/16W
R2604	1-218-977-11	METAL CHIP	100K	5%	1/16W
R2606	1-218-953-11	METAL CHIP	1K	5%	1/16W
R2607	1-218-953-11	METAL CHIP	1K	5%	1/16W
R2609	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2610	1-218-965-11	METAL CHIP	10K	5%	1/16W
R2614	1-218-973-11	METAL CHIP	47K	5%	1/16W
R2615	1-218-973-11	METAL CHIP	47K	5%	1/16W
R2616	1-218-973-11	METAL CHIP	47K	5%	1/16W
R2619	1-218-973-11	METAL CHIP	47K	5%	1/16W
R2620	1-218-941-81	METAL CHIP	100	5%	1/16W
R2621	1-218-941-81	METAL CHIP	100	5%	1/16W
R2622	1-218-969-11	METAL CHIP	22K	5%	1/16W
R2623	1-112-777-11	CERAMIC CHIP	0.01µF	10%	25V
R2624	1-218-969-11	METAL CHIP	22K	5%	1/16W

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
R2626	1-218-941-81	METAL CHIP	100	5%	1/16W
R2627	1-218-941-81	METAL CHIP	100	5%	1/16W
R2628	1-218-990-81	SHORT CHIP			
R2632	1-218-970-11	METAL CHIP	27K	5%	1/16W
R2657	1-218-953-11	METAL CHIP	1K	5%	1/16W
R2658	1-218-953-11	METAL CHIP	1K	5%	1/16W
R2667	1-218-935-11	METAL CHIP	33	5%	1/16W
R4000	1-218-935-11	METAL CHIP	33	5%	1/16W
R4001	1-218-935-11	METAL CHIP	33	5%	1/16W
R4008	1-218-990-81	SHORT CHIP			
R4009	1-218-990-81	SHORT CHIP			
R4016	1-218-935-11	METAL CHIP	33	5%	1/16W
R4017	1-218-935-11	METAL CHIP	33	5%	1/16W
R4018	1-216-864-11	SHORT CHIP			
R4019	1-216-864-11	SHORT CHIP			
R4020	1-216-864-11	SHORT CHIP			
R4031	1-218-971-11	METAL CHIP	33K	5%	1/16W
R4039	1-218-977-11	METAL CHIP	100K	5%	1/16W
R4042	1-218-941-81	METAL CHIP	100	5%	1/16W
R4043	1-218-941-81	METAL CHIP	100	5%	1/16W
R4046	1-218-990-81	SHORT CHIP			
R4047	1-218-953-11	METAL CHIP	1K	5%	1/16W
R4048	1-218-953-11	METAL CHIP	1K	5%	1/16W
R4049	1-218-929-11	METAL CHIP	10	5%	1/16W
R4050	1-218-929-11	METAL CHIP	10	5%	1/16W
R4051	1-218-929-11	METAL CHIP	10	5%	1/16W
R4052	1-218-929-11	METAL CHIP	10	5%	1/16W
R4061	1-218-973-11	METAL CHIP	47K	5%	1/16W
R4071	1-216-864-11	SHORT CHIP			
R4072	1-216-864-11	SHORT CHIP			
R4073	1-218-990-81	SHORT CHIP			
R4074	1-218-990-81	SHORT CHIP			
R4075	1-218-990-81	SHORT CHIP			
R4077	1-218-977-11	METAL CHIP	100K	5%	1/16W
R4078	1-218-971-11	METAL CHIP	33K	5%	1/16W
R4079	1-218-990-81	SHORT CHIP			
R4080	1-218-953-11	METAL CHIP	1K	5%	1/16W
R4081	1-218-953-11	METAL CHIP	1K	5%	1/16W
R4082	1-218-973-11	METAL CHIP	47K	5%	1/16W
R4083	1-218-953-11	METAL CHIP	1K	5%	1/16W
R4092	1-218-990-81	SHORT CHIP			
R4095	1-218-953-11	METAL CHIP	1K	5%	1/16W
R4099	1-218-953-11	METAL CHIP	1K	5%	1/16W
R4100	1-218-953-11	METAL CHIP	1K	5%	1/16W
R4101	1-218-955-11	METAL CHIP	1.5K	5%	1/16W
R4102	1-218-955-11	METAL CHIP	1.5K	5%	1/16W
R4104	1-218-990-81	SHORT CHIP			
R4112	1-218-973-11	METAL CHIP	47K	5%	1/16W
R4117	1-218-990-81	SHORT CHIP			
R4118	1-218-990-81	SHORT CHIP			
R4119	1-218-990-81	SHORT CHIP			
R4120	1-218-990-81	SHORT CHIP			
R4121	1-218-990-81	SHORT CHIP			
R4122	1-218-990-81	SHORT CHIP			
R4123	1-218-990-81	SHORT CHIP			
R4128	1-216-864-11	SHORT CHIP			
R4129	1-216-864-11	SHORT CHIP			
R4130	1-216-864-11	SHORT CHIP			
R4131	1-216-864-11	SHORT CHIP			
R5206	1-218-937-11	METAL CHIP	47	5%	1/16W
R5207	1-218-937-11	METAL CHIP	47	5%	1/16W
R5611	1-218-990-81	SHORT CHIP			
R5615	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R5616	1-218-965-11	METAL CHIP	10K	5%	1/16W
R5617	1-218-990-81	SHORT CHIP			
R5625	1-218-970-11	METAL CHIP	27K	5%	1/16W
R5627	1-218-990-81	SHORT CHIP			
R5629	1-218-941-81	METAL CHIP	100	5%	1/16W
R6107	1-218-971-11	METAL CHIP	33K	5%	1/16W
R6108	1-218-977-11	METAL CHIP	100K	5%	1/16W
R6213	1-208-695-11	METAL CHIP	3.3K	0.50%	1/16W
R6214	1-208-711-11	METAL CHIP	15K	0.50%	1/16W
R6215	1-218-970-11	METAL CHIP	27K	5%	1/16W
R6300	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R6301	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R6302	1-208-931-11	METAL CHIP	68K	0.50%	1/16W
R6303	1-208-703-11	METAL CHIP	6.8K	0.50%	1/16W
R6304	1-208-931-11	METAL CHIP	68K	0.50%	1/16W
R6305	1-208-715-11	METAL CHIP	22K	0.50%	1/16W
R6306	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R6307	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R6308	1-218-965-11	METAL CHIP	10K	5%	1/16W
R6311	1-218-941-81	METAL CHIP	100	5%	1/16W
R6313	1-218-941-81	METAL CHIP	100	5%	1/16W
R6316	1-218-990-81	SHORT CHIP			
R6317	1-208-927-11	METAL CHIP	47K	0.50%	1/16W
R6318	1-208-923-11	METAL CHIP	33K	0.50%	1/16W
R6319	1-208-927-11	METAL CHIP	47K	0.50%	1/16W
R6320	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R6321	1-208-911-11	METAL CHIP	10K	0.50%	1/16W

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
R6322	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R6323	1-208-935-11	METAL CHIP	100K	0.50%	1/16W
R6324	1-218-965-11	METAL CHIP	10K	5%	1/16W
R6327	1-218-941-81	METAL CHIP	100	5%	1/16W
R6329	1-218-941-81	METAL CHIP	100	5%	1/16W
R6413	1-216-809-11	METAL CHIP	100	5%	1/10W
R6418	1-218-965-11	METAL CHIP	10K	5%	1/16W
R6419	1-218-965-11	METAL CHIP	10K	5%	1/16W
R6420	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R6421	1-218-965-11	METAL CHIP	10K	5%	1/16W
R6423	1-218-965-11	METAL CHIP	10K	5%	1/16W
R6438	1-218-965-11	METAL CHIP	10K	5%	1/16W
R6442	1-218-965-11	METAL CHIP	10K	5%	1/16W
R6443	1-218-969-11	METAL CHIP	22K	5%	1/16W
R6444	1-218-955-11	METAL CHIP	1.5K	5%	1/16W
R6445	1-218-969-11	METAL CHIP	22K	5%	1/16W
R6454	1-218-975-11	METAL CHIP	68K	5%	1/16W
R6455	1-218-971-11	METAL CHIP	33K	5%	1/16W
R7228	1-218-965-11	METAL CHIP	10K	5%	1/16W
R7229	1-218-965-11	METAL CHIP	10K	5%	1/16W
R7500	1-218-941-11	METAL CHIP	100	5%	1/16W
R7501	1-218-938-11	METAL CHIP	56	5%	1/16W
R7505	1-218-933-11	METAL CHIP	22	5%	1/16W
R7506	1-218-933-11	METAL CHIP	22	5%	1/16W
R7514	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7515	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R7516	1-218-938-11	METAL CHIP	56	5%	1/16W
R7517	1-218-938-11	METAL CHIP	56	5%	1/16W
R9001	1-218-941-81	METAL CHIP	100	5%	1/16W
R9002	1-218-941-81	METAL CHIP	100	5%	1/16W
R9003	1-218-941-81	METAL CHIP	100	5%	1/16W
R9004	1-218-941-81	METAL CHIP	100	5%	1/16W
R9007	1-218-941-81	METAL CHIP	100	5%	1/16W
R9008	1-218-941-81	METAL CHIP	100	5%	1/16W
R9009	1-218-941-81	METAL CHIP	100	5%	1/16W
R9010	1-218-941-81	METAL CHIP	100	5%	1/16W
R9013	1-218-941-81	METAL CHIP	100	5%	1/16W
R9014	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R9015	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R9017	1-218-965-11	METAL CHIP	10K	5%	1/16W
R9018	1-218-957-11	METAL CHIP	2.2K	5%	1/16W
R9019	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R9022	1-218-941-81	METAL CHIP	100	5%	1/16W
R9023	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R9024	1-218-941-81	METAL CHIP	100	5%	1/16W

REF. NO.	PART NO.	DESCRIPTION	VALUES		
R9025	1-218-941-81	METAL CHIP	100	5%	1/16W
R9026	1-218-941-81	METAL CHIP	100	5%	1/16W
R9027	1-218-941-81	METAL CHIP	100	5%	1/16W
R9028	1-218-941-81	METAL CHIP	100	5%	1/16W
R9029	1-218-941-81	METAL CHIP	100	5%	1/16W
R9030	1-218-941-81	METAL CHIP	100	5%	1/16W
R9031	1-218-941-81	METAL CHIP	100	5%	1/16W
R9032	1-218-941-81	METAL CHIP	100	5%	1/16W
R9033	1-218-941-81	METAL CHIP	100	5%	1/16W
R9034	1-218-941-81	METAL CHIP	100	5%	1/16W
R9035	1-218-965-11	METAL CHIP	10K	5%	1/16W
R9036	1-218-941-81	METAL CHIP	100	5%	1/16W
R9037	1-218-941-81	METAL CHIP	100	5%	1/16W
R9038	1-218-941-81	METAL CHIP	100	5%	1/16W
R9039	1-218-941-81	METAL CHIP	100	5%	1/16W
R9040	1-218-941-81	METAL CHIP	100	5%	1/16W
R9041	1-218-941-81	METAL CHIP	100	5%	1/16W
R9042	1-218-941-81	METAL CHIP	100	5%	1/16W
R9043	1-218-941-81	METAL CHIP	100	5%	1/16W
R9045	1-218-941-81	METAL CHIP	100	5%	1/16W
R9046	1-218-941-81	METAL CHIP	100	5%	1/16W
R9047	1-218-941-81	METAL CHIP	100	5%	1/16W
R9048	1-218-941-81	METAL CHIP	100	5%	1/16W
R9049	1-218-941-81	METAL CHIP	100	5%	1/16W
R9050	1-218-941-81	METAL CHIP	100	5%	1/16W
R9051	1-218-941-81	METAL CHIP	100	5%	1/16W
R9052	1-218-941-81	METAL CHIP	100	5%	1/16W
R9053	1-218-941-81	METAL CHIP	100	5%	1/16W
R9054	1-218-941-81	METAL CHIP	100	5%	1/16W
R9055	1-218-941-81	METAL CHIP	100	5%	1/16W
R9056	1-218-941-81	METAL CHIP	100	5%	1/16W
R9057	1-218-941-81	METAL CHIP	100	5%	1/16W
R9058	1-218-941-81	METAL CHIP	100	5%	1/16W
R9059	1-218-941-81	METAL CHIP	100	5%	1/16W
R9060	1-218-941-81	METAL CHIP	100	5%	1/16W
R9061	1-218-941-81	METAL CHIP	100	5%	1/16W
R9062	1-218-941-81	METAL CHIP	100	5%	1/16W
R9063	1-218-941-81	METAL CHIP	100	5%	1/16W
R9064	1-218-965-11	METAL CHIP	10K	5%	1/16W
R9065	1-218-965-11	METAL CHIP	10K	5%	1/16W
R9067	1-218-941-81	METAL CHIP	100	5%	1/16W
R9069	1-218-973-11	METAL CHIP	47K	5%	1/16W
R9070	1-218-969-11	METAL CHIP	22K	5%	1/16W
R9073	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R9074	1-218-961-11	METAL CHIP	4.7K	5%	1/16W

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REF. NO.	PART NO.	DESCRIPTION	VALUES		
R9075	1-218-941-81	METAL CHIP	100	5%	1/16W
R9076	1-208-675-11	METAL CHIP	470	0.50%	1/16W
R9077	1-218-941-81	METAL CHIP	100	5%	1/16W
R9078	1-218-941-81	METAL CHIP	100	5%	1/16W
R9079	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R9080	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R9081	1-218-941-81	METAL CHIP	100	5%	1/16W
R9082	1-218-941-81	METAL CHIP	100	5%	1/16W
R9085	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R9086	1-208-911-11	METAL CHIP	10K	0.50%	1/16W
R9087	1-208-683-11	METAL CHIP	1K	0.50%	1/16W
R9089	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R9090	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R9204	1-218-953-11	METAL CHIP	1K	5%	1/16W
R9206	1-218-941-81	METAL CHIP	100	5%	1/16W
R9207	1-218-941-81	METAL CHIP	100	5%	1/16W
R9208	1-218-965-11	METAL CHIP	10K	5%	1/16W
R9300	1-218-941-81	METAL CHIP	100	5%	1/16W
R9301	1-218-939-11	METAL CHIP	68	5%	1/16W
R9303	1-218-939-11	METAL CHIP	68	5%	1/16W
R9304	1-218-939-11	METAL CHIP	68	5%	1/16W
R9305	1-218-941-81	METAL CHIP	100	5%	1/16W
R9306	1-218-941-81	METAL CHIP	100	5%	1/16W
R9307	1-218-941-81	METAL CHIP	100	5%	1/16W
R9309	1-218-939-11	METAL CHIP	68	5%	1/16W
R9311	1-218-939-11	METAL CHIP	68	5%	1/16W
R9312	1-218-939-11	METAL CHIP	68	5%	1/16W
R9313	1-218-973-11	METAL CHIP	47K	5%	1/16W
R9314	1-218-973-11	METAL CHIP	47K	5%	1/16W
R9315	1-218-973-11	METAL CHIP	47K	5%	1/16W
R9316	1-218-973-11	METAL CHIP	47K	5%	1/16W
R9317	1-218-973-11	METAL CHIP	47K	5%	1/16W
R9318	1-218-973-11	METAL CHIP	47K	5%	1/16W
R9319	1-218-973-11	METAL CHIP	47K	5%	1/16W
R9320	1-218-973-11	METAL CHIP	47K	5%	1/16W
R9330	1-218-950-11	METAL CHIP	560	5%	1/16W
R9331	1-208-861-81	METAL CHIP	82	0.50%	1/16W
R9332	1-218-935-11	METAL CHIP	33	5%	1/16W
R9333	1-218-935-11	METAL CHIP	33	5%	1/16W
R9334	1-218-935-11	METAL CHIP	33	5%	1/16W
R9335	1-218-935-11	METAL CHIP	33	5%	1/16W
R9368	1-218-963-11	METAL CHIP	6.8K	5%	1/16W
R9401	1-218-990-81	SHORT CHIP			
R9402	1-218-990-81	SHORT CHIP			
R9403	1-218-935-11	METAL CHIP	33	5%	1/16W
R9404	1-218-935-11	METAL CHIP	33	5%	1/16W
R9405	1-218-864-11	METAL CHIP	5.1K	0.50%	1/10W
R9505	1-218-941-11	METAL CHIP	100	5%	1/16W
R9604	1-218-947-11	METAL CHIP	330	5%	1/16W
R9607	1-218-965-11	METAL CHIP	10K	5%	1/16W
R9608	1-218-937-11	METAL CHIP	47	5%	1/16W
R9609	1-218-937-11	METAL CHIP	47	5%	1/16W
R9610	1-218-941-81	METAL CHIP	100	5%	1/16W
R9617	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R9620	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R9701	1-218-990-81	SHORT CHIP			
R9706	1-218-990-81	SHORT CHIP			
R9720	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R9722	1-218-973-11	METAL CHIP	47K	5%	1/16W
R9741	1-218-937-11	METAL CHIP	47	5%	1/16W
R9742	1-218-937-11	METAL CHIP	47	5%	1/16W
R9762	1-208-661-11	METAL CHIP	120	0.50%	1/16W
R9763	1-208-661-11	METAL CHIP	120	0.50%	1/16W
R9764	1-218-965-11	METAL CHIP	10K	5%	1/16W
R9765	1-218-941-81	METAL CHIP	100	5%	1/16W
R9766	1-218-941-81	METAL CHIP	100	5%	1/16W
R9772	1-218-961-11	METAL CHIP	4.7K	5%	1/16W
R9800	1-242-967-11	METAL CHIP	1	5%	1/16W

RESISTOR BRIDGE

RB4000	1-234-400-21	CONDUCTOR, NETWORK	(1005X4)
RB4001	1-234-400-21	CONDUCTOR, NETWORK	(1005X4)
RB4002	1-234-400-21	CONDUCTOR, NETWORK	(1005X4)
RB4003	1-234-400-21	CONDUCTOR, NETWORK	(1005X4)
RB4004	1-234-400-21	CONDUCTOR, NETWORK	(1005X4)
RB4005	1-234-400-21	CONDUCTOR, NETWORK	(1005X4)
RB4006	1-234-400-21	CONDUCTOR, NETWORK	(1005X4)
RB4007	1-234-400-21	CONDUCTOR, NETWORK	(1005X4)
RB4008	1-234-400-21	CONDUCTOR, NETWORK	(1005X4)
RB4009	1-234-400-21	CONDUCTOR, NETWORK	(1005X4)
RB6100	1-234-378-21	RES, NETWORK 10K	(1005X4)
* RB7500	1-234-714-11	RES, NETWORK 56	(1005X4)
* RB7501	1-234-714-11	RES, NETWORK 56	(1005X4)
* RB7502	1-234-714-11	RES, NETWORK 56	(1005X4)
* RB7503	1-234-714-11	RES, NETWORK 56	(1005X4)
* RB7504	1-234-714-11	RES, NETWORK 56	(1005X4)
RB9600	1-234-372-11	RES, NETWORK 100	(1005X4)
RB9601	1-234-372-11	RES, NETWORK 100	(1005X4)
RB9602	1-234-371-21	RES, NETWORK 47	(1005X4)
RB9603	1-234-377-21	RES, NETWORK 4.7K	(1005X4)

BAA G2HE G2LE H2LR

REF. NO.	PART NO.	DESCRIPTION	VALUES
RB9705	1-234-400-21	CONDUCTOR, NETWORK (1005X4)	
	SWITCH		
SF1001	1-814-370-11	SURFACE WAVE FILTER	
	TUNER		
TU1001	1-693-789-11	TUNER, TEQH8-L01A	
	VARISTOR		
VD2200	1-802-078-11	VARISTOR (SMD)	
VD2201	1-802-078-11	VARISTOR (SMD)	

G2HE

1-474-202-21 G2HE BOARD, COMPLETE (KLV-40BX400 ONLY)

Component level repair information is not available.

G2LE

1-474-200-11 G2LE BOARD, COMPLETE (KLV-32BX300 ONLY)

Component level repair information is not available.

REF. NO.	PART NO.	DESCRIPTION	VALUES		

H2LR

A-1744-833-A H2LR BOARD, MOUNTED

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
	CAPACITOR					
	C104	1-164-230-11	CERAMIC CHIP	220pF	5%	50V
	C105	1-100-909-11	CERAMIC CHIP	10µF	10%	6.3V
	CONNECTOR					
*	CN100	1-820-289-11	HEADER ASSEMBLY (PRINT PWB) 10P			
	DIODE					
	D101	6-503-064-01	DIODE	LNJ337W830S0		
	D102	6-503-082-01	DIODE	LNJ437W840S0		
	D104	6-503-064-01	DIODE	LNJ337W830S0		
	D107	6-503-068-01	DIODE	LNJ837W830S0		
	CHIP CONDUCTOR					
	JR101	1-216-864-11	SHORT CHIP			
	JR102	1-216-864-11	SHORT CHIP			
	JR103	1-216-864-11	SHORT CHIP			
	TRANSISTOR					
	Q100	6-552-430-01	TRANSISTOR	DRC5114E0L		
	Q101	6-552-430-01	TRANSISTOR	DRC5114E0L		
	Q102	6-552-430-01	TRANSISTOR	DRC5114E0L		
	Q104	6-552-430-01	TRANSISTOR	DRC5114E0L		
	RESISTOR					
	R100	1-216-817-11	METAL CHIP	470	5%	1/10W
	R101	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
	R102	1-216-817-11	METAL CHIP	470	5%	1/10W
	R104	1-216-825-11	METAL CHIP	2.2K	5%	1/10W
	R114	1-216-809-11	METAL CHIP	100	5%	1/10W
	R115	1-216-805-11	METAL CHIP	47	5%	1/10W

H2LS

	REF. NO.	PART NO.	DESCRIPTION	VALUES		
			H2LS			
		A-1744-834-A	**H2LS BOARD, MOUNTED**			
			CAPACITOR			
	C1	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
	C2	1-114-325-11	CERAMIC CHIP	0.1µF	10%	25V
			CONNECTOR			
*	CN1	1-506-999-11	PIN, CONNECTOR (PC BOARD)			
			RESISTOR			
	R1	1-218-874-11	METAL CHIP	13K	0.50%	1/10W
	R2	1-218-866-11	METAL CHIP	6.2K	0.50%	1/10W
	R3	1-218-858-11	METAL CHIP	3K	0.50%	1/10W
	R4	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W
	R5	1-218-850-11	METAL CHIP	1.3K	0.50%	1/10W
	R7	1-216-864-11	SHORT CHIP			
			SWITCH			
	S1	1-786-726-11	SWITCH, TACTILE			
	S2	1-786-726-11	SWITCH, TACTILE			
	S3	1-786-726-11	SWITCH, TACTILE			
	S4	1-786-726-11	SWITCH, TACTILE			
	S5	1-786-726-11	SWITCH, TACTILE			
	S6	1-786-726-11	SWITCH, TACTILE			
	S7	1-786-726-11	SWITCH, TACTILE			
*	CN1	1-506-999-11	PIN, CONNECTOR (PC BOARD)			
			RESISTOR			
	R1	1-218-874-11	METAL CHIP	13K	0.50%	1/10W
	R2	1-218-866-11	METAL CHIP	6.2K	0.50%	1/10W
	R3	1-218-858-11	METAL CHIP	3K	0.50%	1/10W
	R4	1-218-855-11	METAL CHIP	2.2K	0.50%	1/10W
	R5	1-218-850-11	METAL CHIP	1.3K	0.50%	1/10W
	R7	1-216-864-11	SHORT CHIP			

REF. NO.	PART NO.	DESCRIPTION	VALUES
		SWITCH	
S1	1-786-726-11	SWITCH, TACTILE	
S2	1-786-726-11	SWITCH, TACTILE	
S3	1-786-726-11	SWITCH, TACTILE	
S4	1-786-726-11	SWITCH, TACTILE	
S5	1-786-726-11	SWITCH, TACTILE	
S6	1-786-726-11	SWITCH, TACTILE	
S7	1-786-726-11	SWITCH, TACTILE	

APPENDIX A: ENCRYPTION KEY COMPONENTS

Encryption key components developed by Sony Corporation contain confidential information, and shall be handled under the non-disclosure obligations provided in the applicable agreement with Sony Corporation (and/or its subsidiary).

As part of this agreement specific instructions must be adhered to whenever a Circuit Board containing encryption key components is repaired and/or replaced pursuant to the following:

1) **In the service manual the Circuit Board(s) containing encryption key components shall be identified with a red outline and a .**

2) **Only repair boards or components listed in the service manual shall be utilized for replacement and/or repair.**

3) **Disassembly, decryption, or reverse-engineering component(s) is strictly prohibited.**

4) **Any board in which the Servicer replaces an encryption key component must be placed back into the set it orignally 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.**

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