

- NOTICE-
All warranty parts are provided through
Hitachi Customer Service.
All Servicers should call:
800-654-7013

HITACHI TV

L32A404

L32A404

2010-7 v2

CAUTION: Be sure to read this manual before servicing. To ensure safety from fire, electric shock, injury, harmful radiation and materials, various measures are provided in this LCD TV. Be sure to read cautionary items described in the manual before servicing. 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 described in the operating instructions unless you are qualified to do so.

SERVICE WARNING

1. Replacement work should be started after the Panel Module and the AC/DC Power supply have become sufficiently cool.
2. Special care should be taken when working near the display area in order not to damage its surface.
3. The Panel Module should not be touched with bare hands in order to protect its surface from blemishes and damage.
4. It is recommended that you use clean soft gloves during the replacement work in order to protect not only the display area of the Panel Module but also yourself.



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L32A404 Caution for Safety

Please read this page before repair the TV.

The following safety precautions are designed to help you stay safe and prevent accidents during the repair work.

● Please take note of these cautionary flags.

	WARNING	This means " Potential to sustain injury or even death. "
	CAUTION	This means " Potential to sustain breakage or irreparable damage. "

● Also note these cautionary icons.

	This means " CAUTION "
	This means " POTENTIAL ELECTRIC SHOCK "

	This means " MUST "
	This means " DO NOT "

WARNING			
■ Follow instructions.		■ Must use same types of wires and components.	
	The cabinet, chassis, and labels are parts that require attention. You must follow the caution notes and safety instructions presented throughout this User Manual to prevent damage to them or injury to yourself.		The TV uses special tubes and tapes made from insulated materials. Moreover, some materials are kept from making contact with the PWB for the sake of safety. Internal leads are kept from hot parts or high voltage parts by means of clamps or other measures. As such, you must restore these parts to their original conditions in order to prevent electric shock or fire.
■ Prevent electric shock.			
	Exercise caution while working on the device as the TV contains high voltage parts and supply. It is possible to sustain severe injury or death if you accidentally touch the wrong parts. You must disconnect the power supply while servicing, reassembling, or change parts. If you touch a live connection it is possible to sustain severe injury or death.		
■ Use recommended components.		■ Perform safety check when done.	
	Use only the recommended components or components that structurally identical to the originals. This is to ensure safety and reliability. Pay special attention to parts in the parts list and circuit diagrams marked with . If you use non-recommended components, then electric shock or fire may result.		Every part (such as removed screws, components, and wiring) must be restored to their prior conditions after servicing. Be sure to check everything that was repaired for damage or mistakes. Also measure the insulated impedance with a meg-ohm meter to confirm that the impedance value is more than 4M ohm. If the impedance value is less than 4M ohm, then electric shock or fire may result.

PRECAUTIONS

- **Cleaning the TV's LCD screen panel**

Before cleaning the TV, turn it off and disconnect the power plug from the power outlet. To prevent scratching or damaging of the LCD screen face, do not knock or rub the surface with sharp or hard objects. Clean the screen with a soft cloth moistened with warm water and dry with a second soft cloth. If it is not enough, then use a cloth with mild detergent. Do not use harsh or abrasive cleaners.

- **Cleaning the TV's cabinet**

Use a soft cloth to clean the TV's cabinet and control panel. When excessively soiled, dilute a neutral detergent in water, wet and wring out the soft cloth in it, gently clean the cabinet, and then wipe it down with a dry soft cloth. Never use acid/alkaline detergents, alcoholic detergents, abrasive cleaners, powder soaps, OA cleaners, car wax, glass cleaners, and so on. They will cause discoloration, scratches or cracks.

Features

- **Enhanced definition LCD display panel**

This specification applies to the 31.5 inch Color TFT-LCD Module T315XW04 V1. This LCD module has a TFT active matrix type liquid crystal panel 1,366 x 768 pixels, and diagonal size of 31.5 inch. This module supports 1,366 x 768 mode. Each pixel is divided into Red, Green and Blue sub-pixels or dots which are arranged in vertical stripes. Gray scale or the brightness of the sub-pixel color is determined with a 8-bit gray scale signal for each dot. The T315XW04 V1 has been designed to apply the 8-bit 1 channel LVDS interface method. It is intended to support displays where high brightness, wide viewing angle, high color saturation, and high color depth are very important.

- **New High Gloss Black Frame**

- **(4) HDMI® (V.1.3 with CEC)
1080p60, 1080p24 Input Compatible**

- **New Multi-Function Remote Control**

- **Dynamic/Standard/Movie/Custom/Game**

- **Picture Memories**

- **3 Preset Color Temperatures**

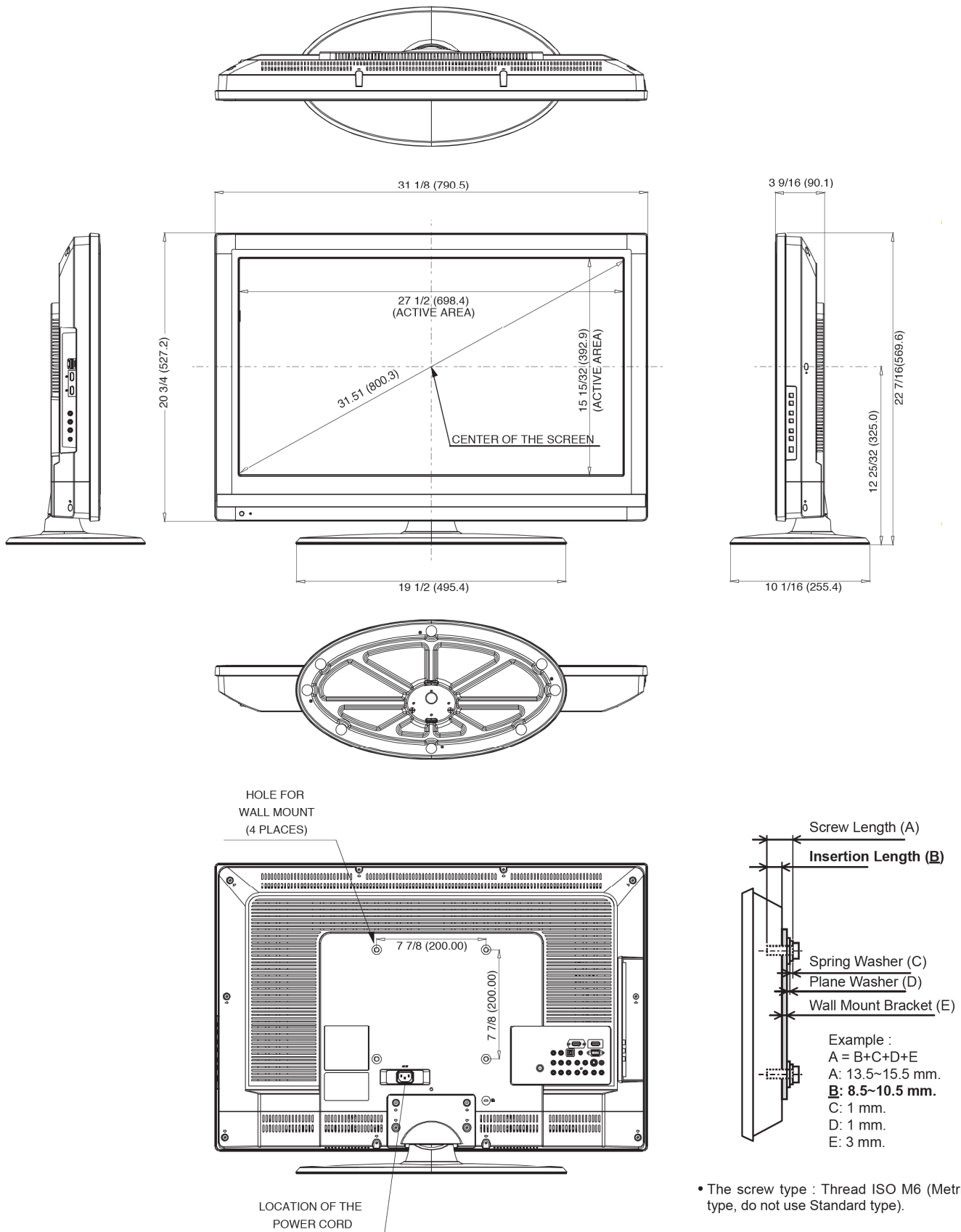
- **Game Mode**

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Dimensions

L32A404 model (Includes Table Top Stand) Weight (lbs./kg): 26.4/12

Units : Inches (mm)



Rear View
Use as Reference for Wall Mount Bracket

Side View
Wall Mount Screw specification

General Specification

Inputs	Power Input: AC 120V, 60Hz Power Consumption Maximum Power: 135 W, 1.25 A Antenna Input Impedance: 75 Ohm Channel Coverage: 191ch. VHF-Band: 2~13; UHF-Band: 14~69 CATV Mid Band: A5~A1, A~I Super Band: J-W; Hyper Band: W+1 - W+28; Ultra Band: W+29 - W+94 Television System: NTSC Standard, ATSC Standard (8 VSB, 64-QAM, 256-QAM) Video: 1.0Vp-p, 75 Ohm S-Video Luminance(Y): 1.0Vp-p, 75 Ohm; Chrominance(C): 0.286Vp-p, 75 Ohm Component Video Luminance(Y): 1.0Vp-p, 75 Ohm; Chrominance(Pb/Pr): 0.7Vp-p, 75 Ohm Audio Input Impedance: >10k Ohm Audio Input Sensitivity: 300mVrms HDMI: (19 PIN)
Video	Display Resolution: 1366 x 768p Wide Viewing Angle Color Temperature Presets: High, Standard and Medium Multiple Screen Fill Modes: (Auto/4:3/16:9/Zoom 1/Zoom 2/Full)1 4MB 10-bit 3D Y/C Comb Filter Picture Modes: Dynamic, Standard, Movie, Custom and Game
Audio	CONEQTM Sound Quality MTS Stereo/SAP 4 Sound Modes (Custom, Standard, Movie, News) Rated Output Power: 10W+10W
Inputs/Outputs	Wideband Component Y, Pb, Pr Composite Video S-Video Antenna (RF)Input Audio Output Optical Output HDMI Upgrade USB Slot RGB Input RGB Audio Input Phone Jack for Headphones

Firmware Upgrade

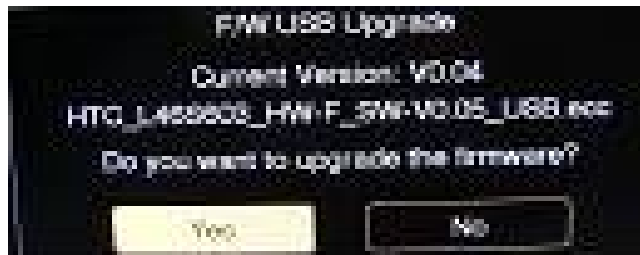
Equipments and materials

1. TV remote control
2. AC power 110V/ 60Hz
3. Flash storage

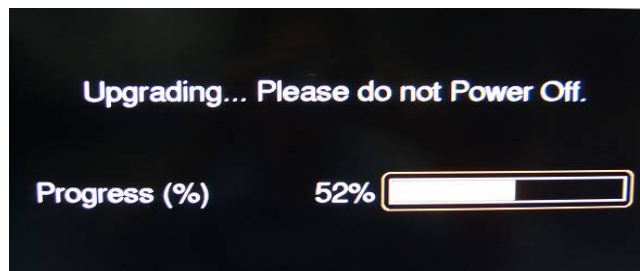
Preparations

Use PC to write software to a flash storage, press “on” button to start the TV. (Take L46S603 for example)

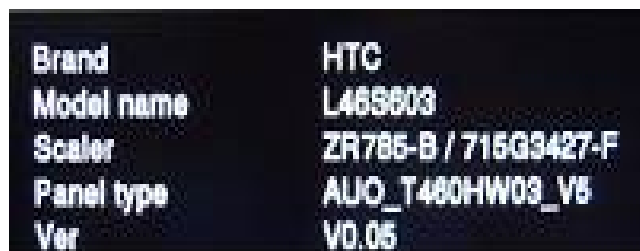
1. Insert the flash storage into the USB port, and you will see a picture in which you can choose “YES” or “NO” (Picture1), you choose “YES”, and then the software will update automatically. (Picture 2)
2. After software update is finished, you put out the flash storage and restart the TV.
3. Press “menu+1999+select”, check whether software version is ok. (Picture 3 the fifth row)



Picture 1



Picture 2



Picture 3

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Adjustment

In the TV mode adjust volume to zero, press menu key and then press number key 1 → 9 → 9 → 9. It will achieve the factory mode. Select the item of White Balance and press right key to enter it.



Change TV, press the item “Current Source” to Component mode and change signal to 720p mode, press the item “Auto Color”; Change TV, press the item “Current Source” to PC mode and change signal to PC TIMING 137(1024X768) Pattern 147 (16 Grays), press the item “Auto Color”.

NOTE:

Activating Reset to Default Settings (Reset to Def) will zero both hour counters, the one for back light time and the one for total time.

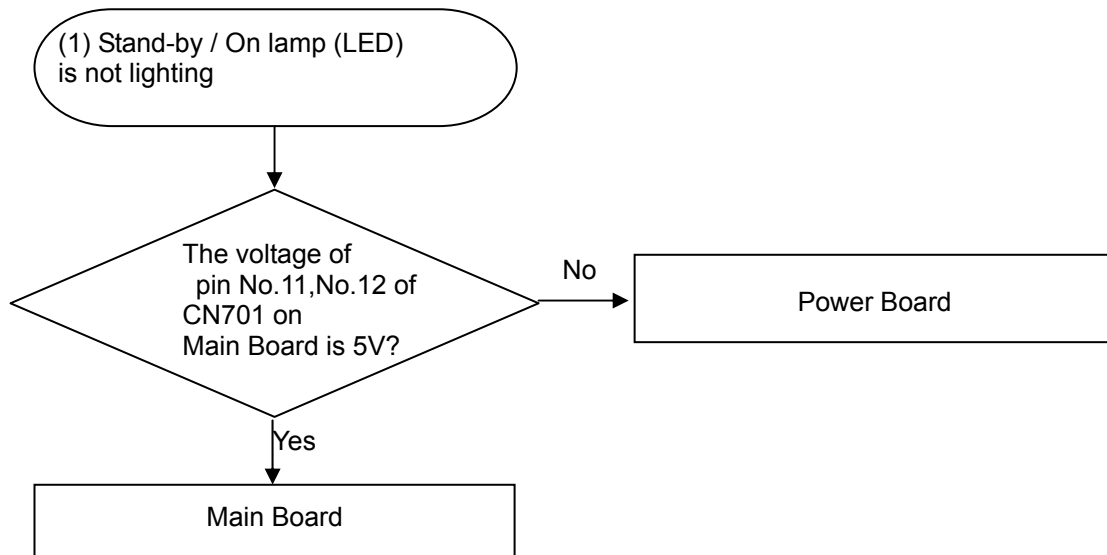
You may want to add a condition or event in which this would be recommended.

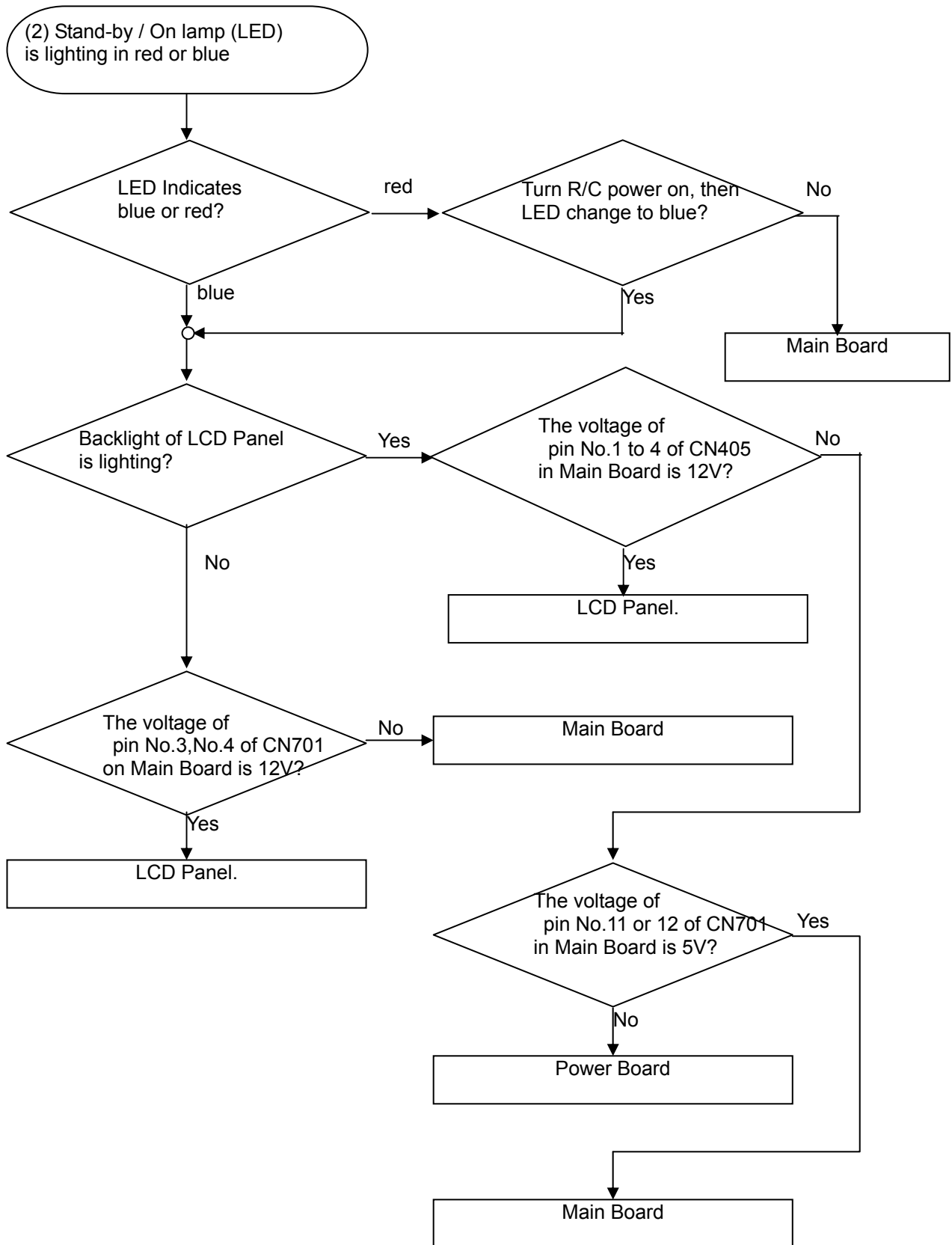
Troubleshooting

1). No Picture, No Sound

First, confirm the status of Stand-by / On lamp (LED), then survey by following the flowchart as shown below.

Status of Stand-by / On lamp (LED)	Estimated cause, method of survey
Not lighting	Confirm the connection of AC cord is complete, and AC switch is turned on, then forward to (1).
Lighting in red	Power save mode of Video or PC input. It is not defect.
Lighting in red	Turn power on by remote controller. If it does not turn power on, forward to (2).
Lighting in blue	Forward to (2).

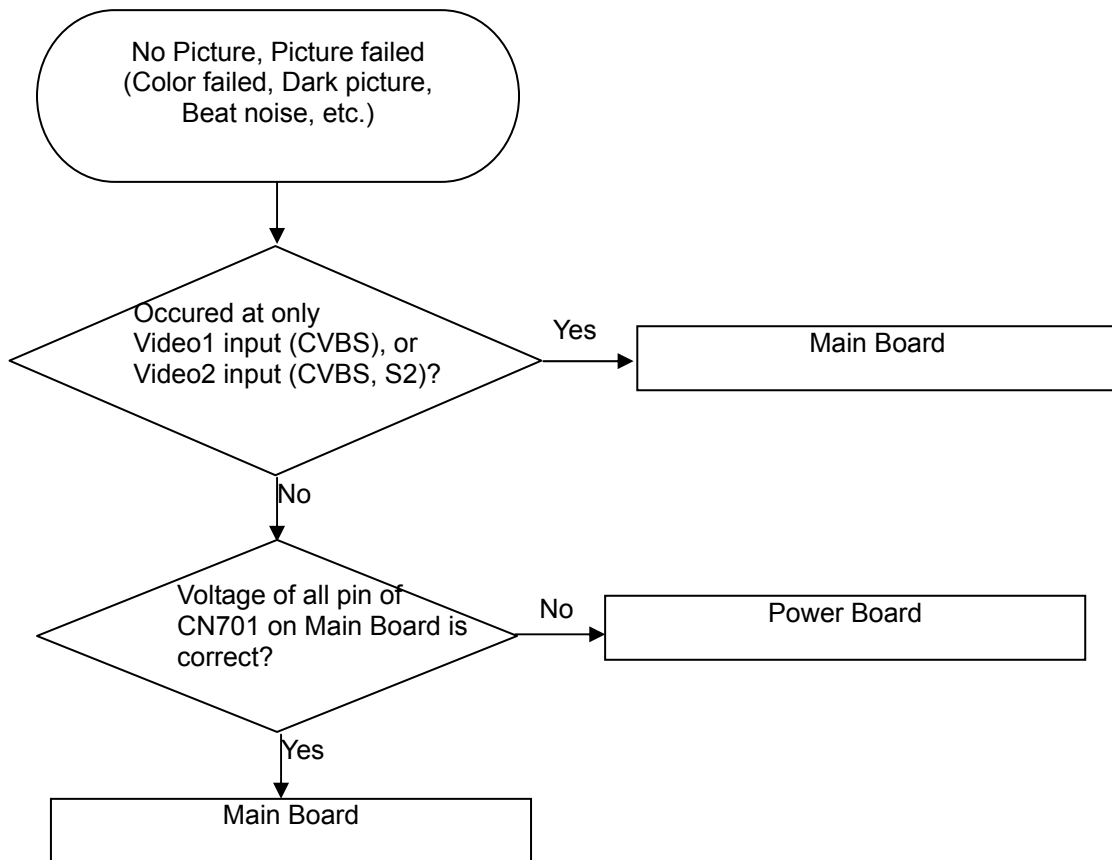




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2). No Picture, Picture Failed (Color Failed, Dark Picture, Beat Noise, Etc.)

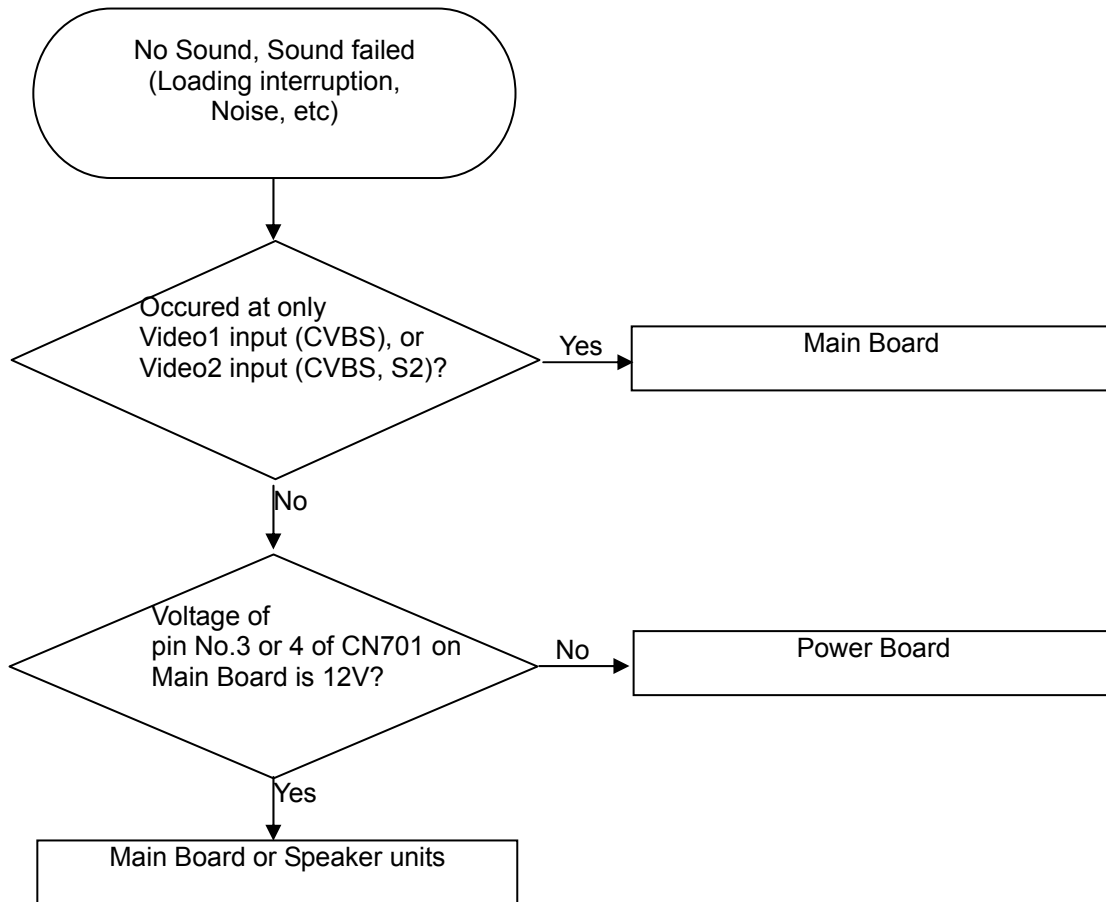
First, confirm the connection of all connectors between Board's, then survey by following the flowchart as shown below.



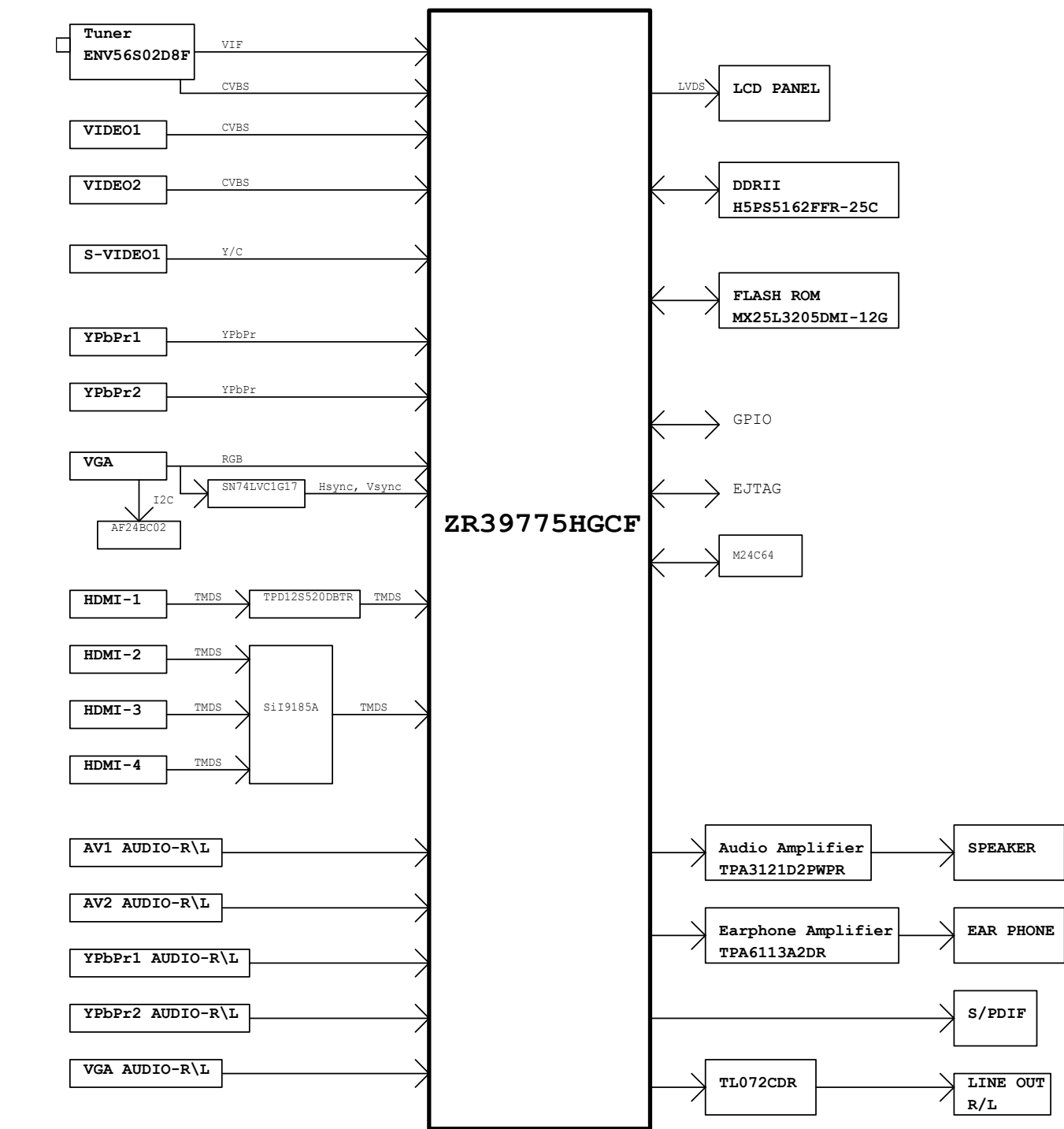
CN701	(1)	3.3V
	(2)	0~3.3V
	(3)~(4)	12V
	(5)~(7)	0V
	(8)~(9)	24V
	(10)~(12)	5V

3). No Sound, Sound Failed (Loading Interrupt, Noise, Etc.)

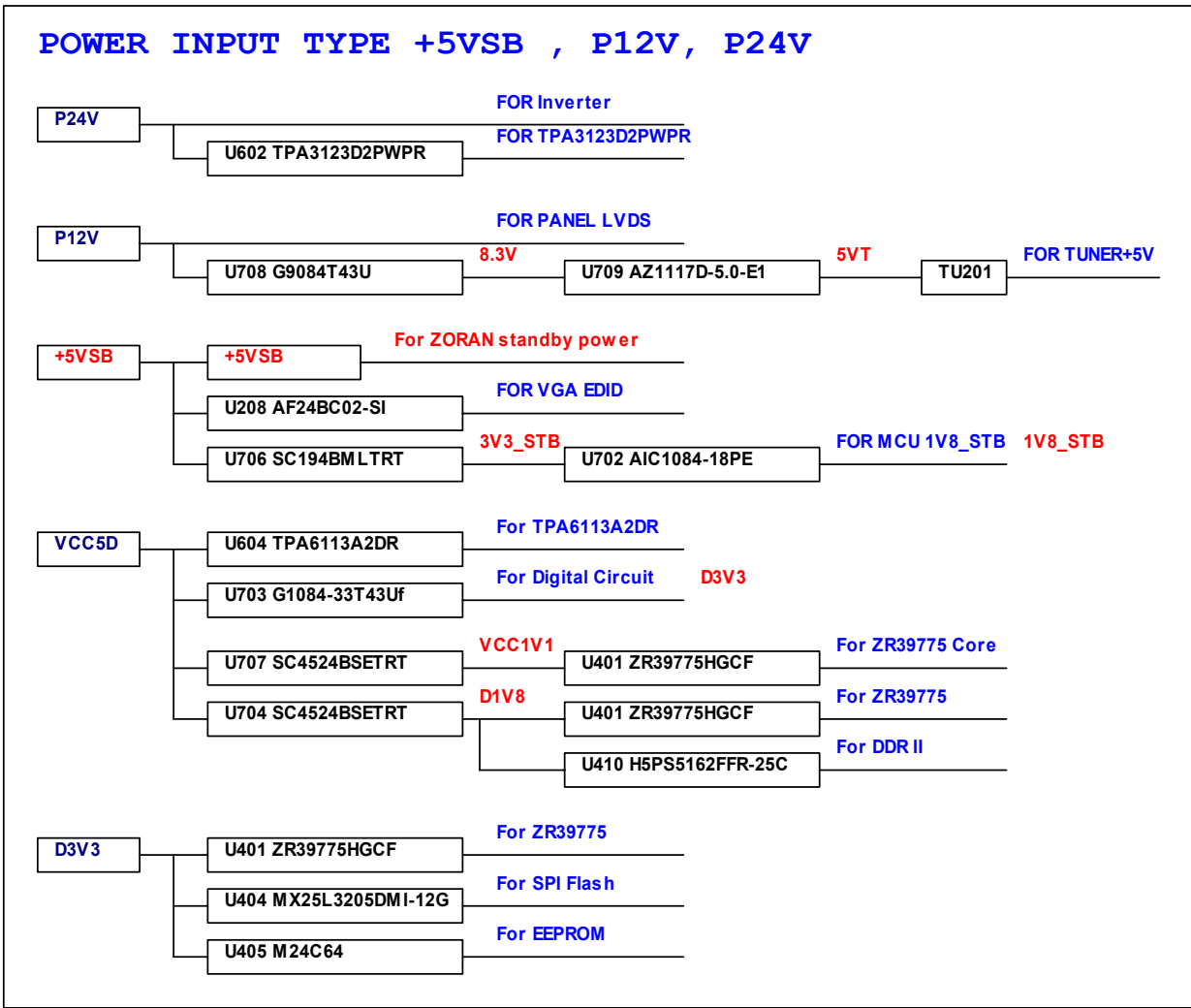
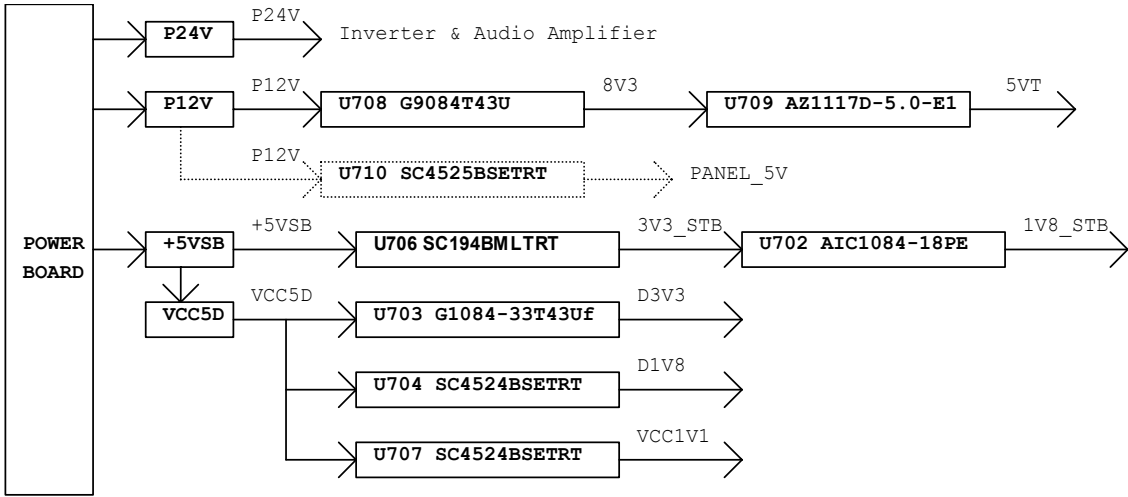
First, confirm the connection of all connectors between Board's and speakers, then survey by following the flowchart as shown below.



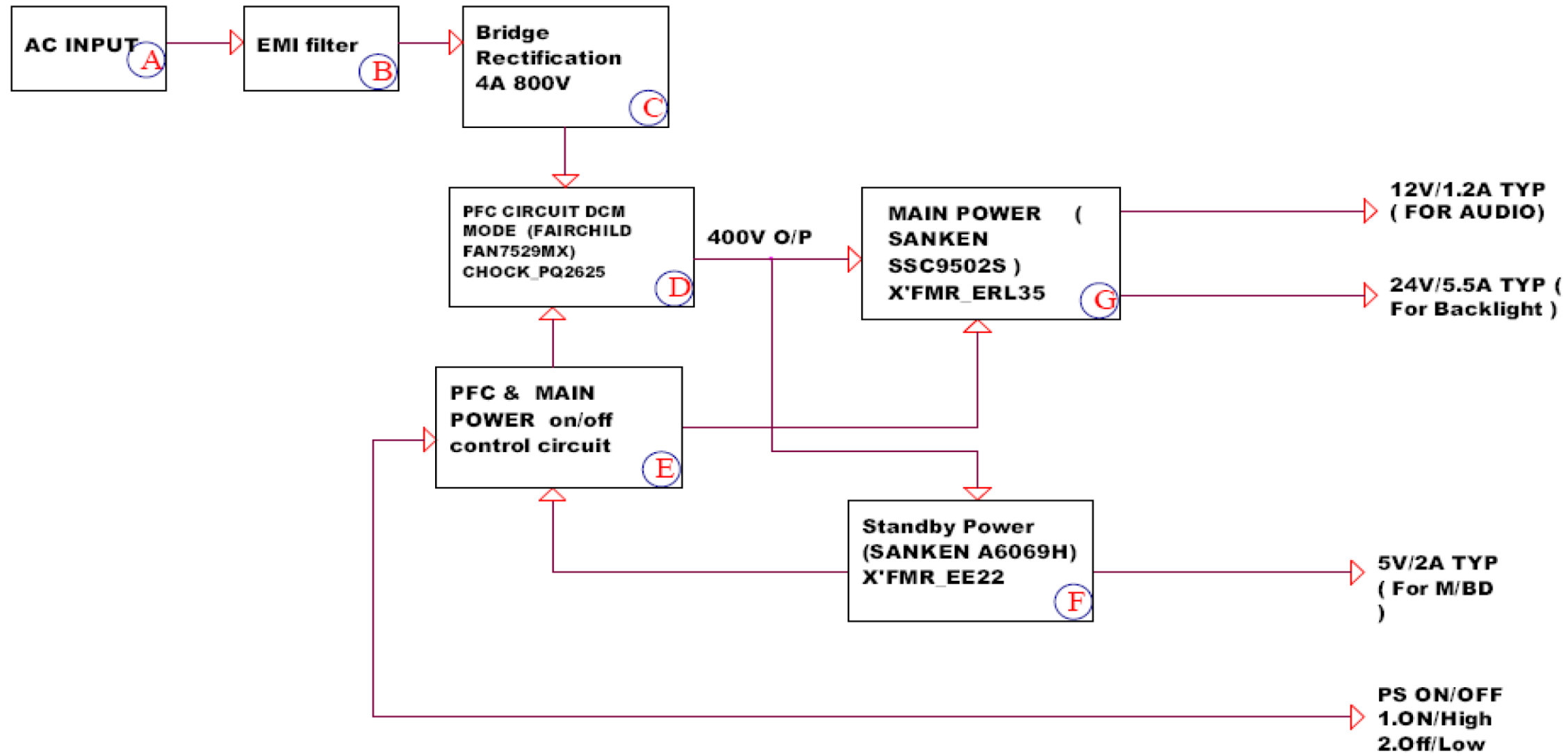
Block Diagram
Main Board



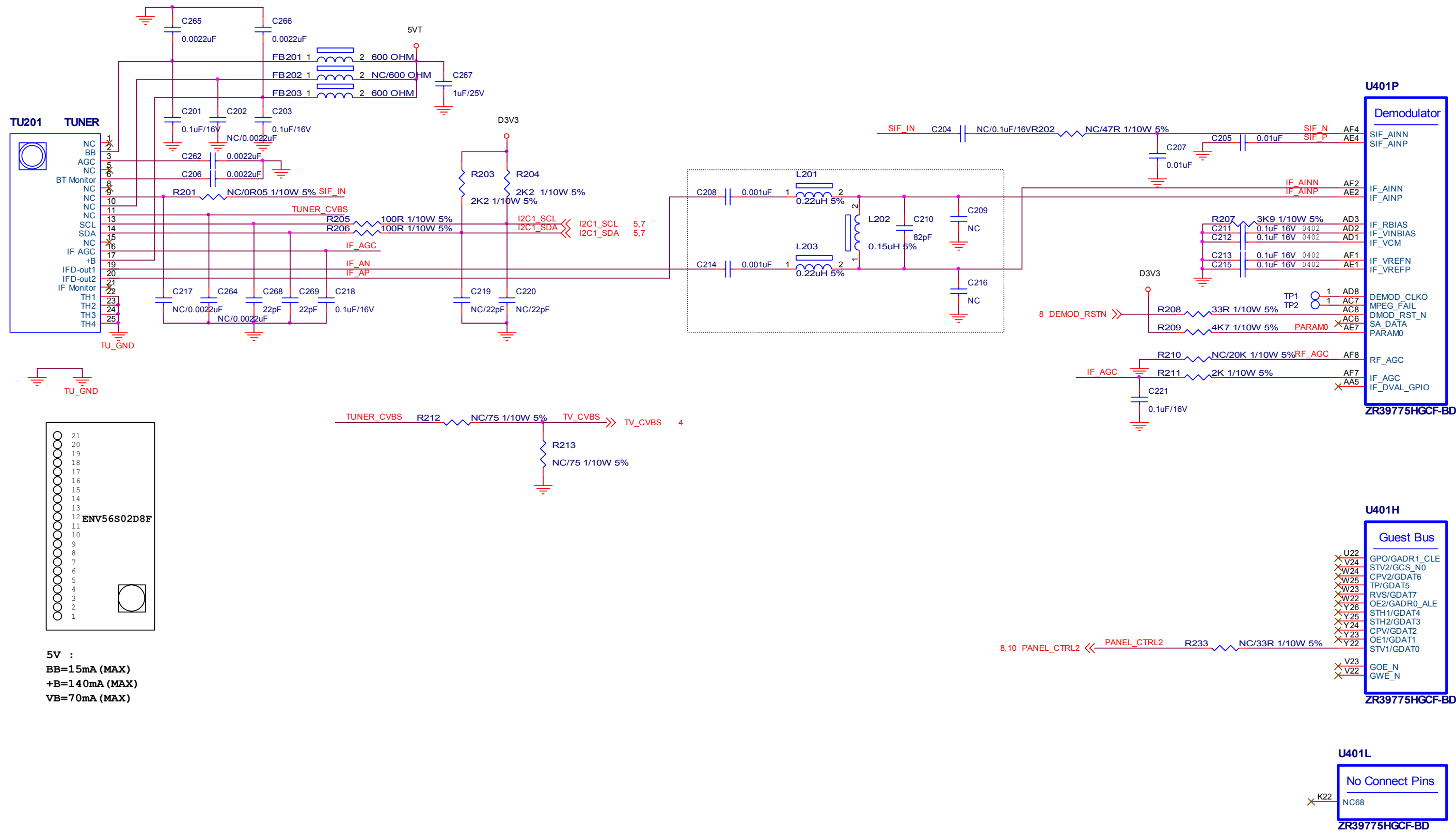
L32A404



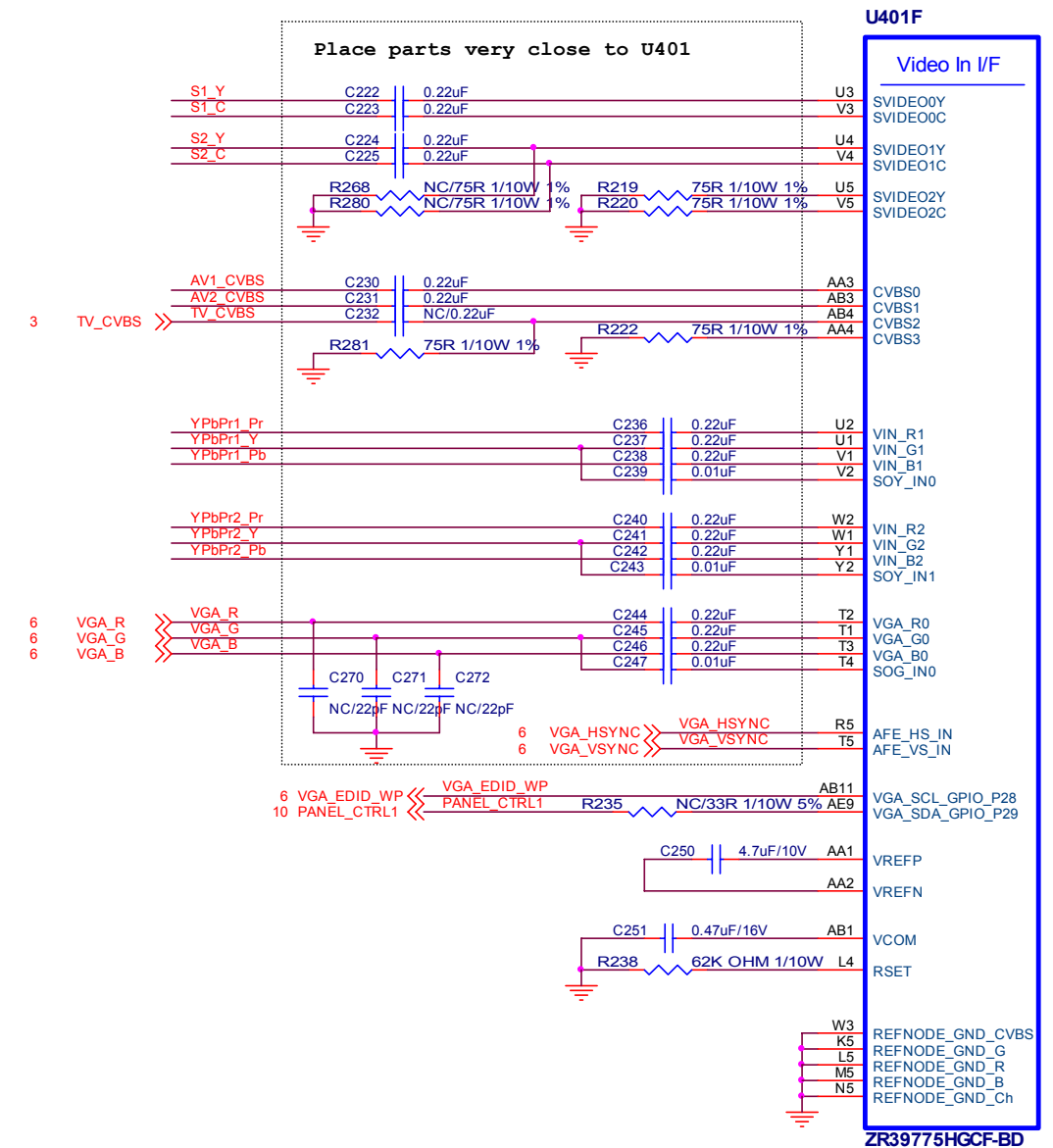
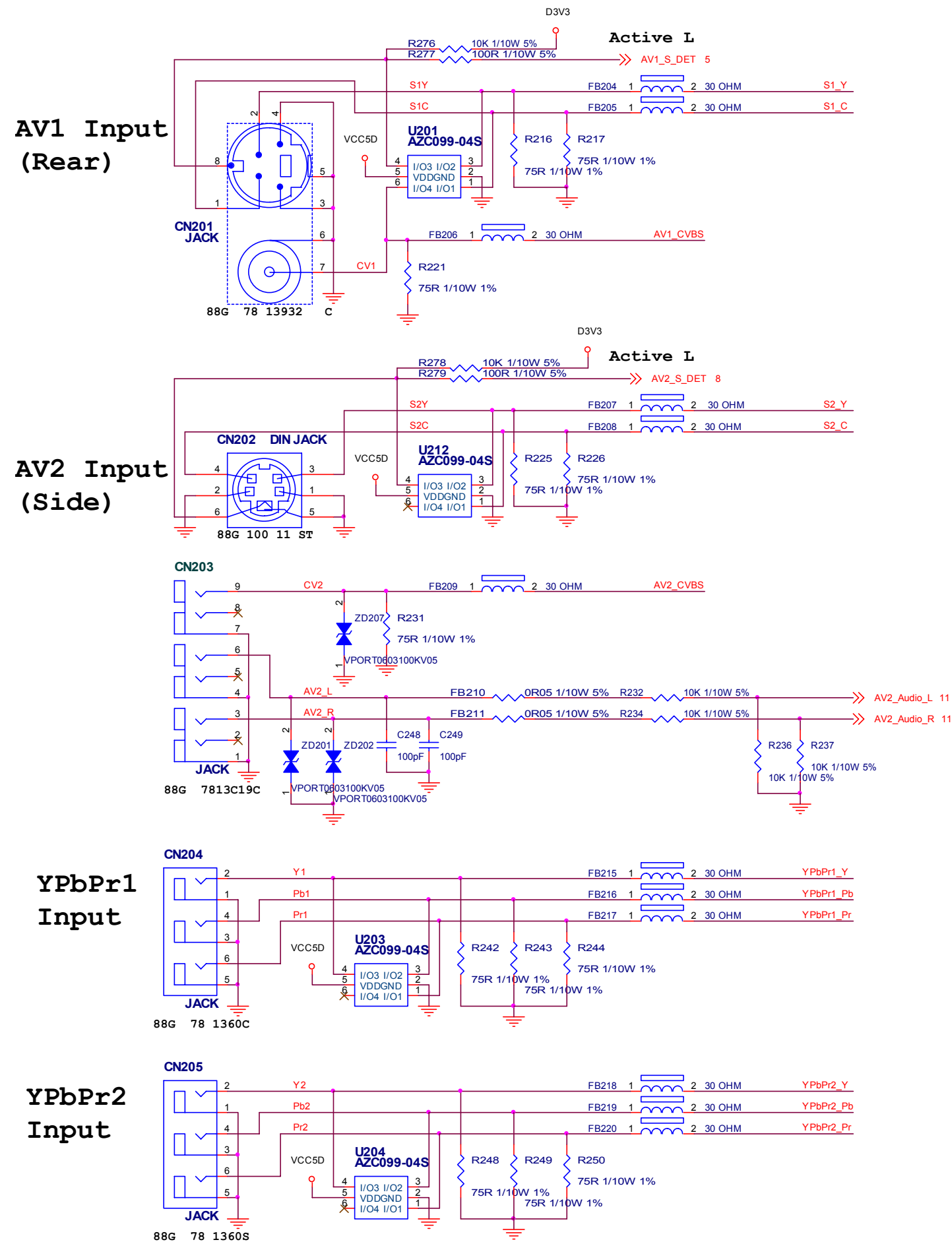
Power Board



Schematic Diagram
Main Board
715G3269M01001005K
3. Tuner

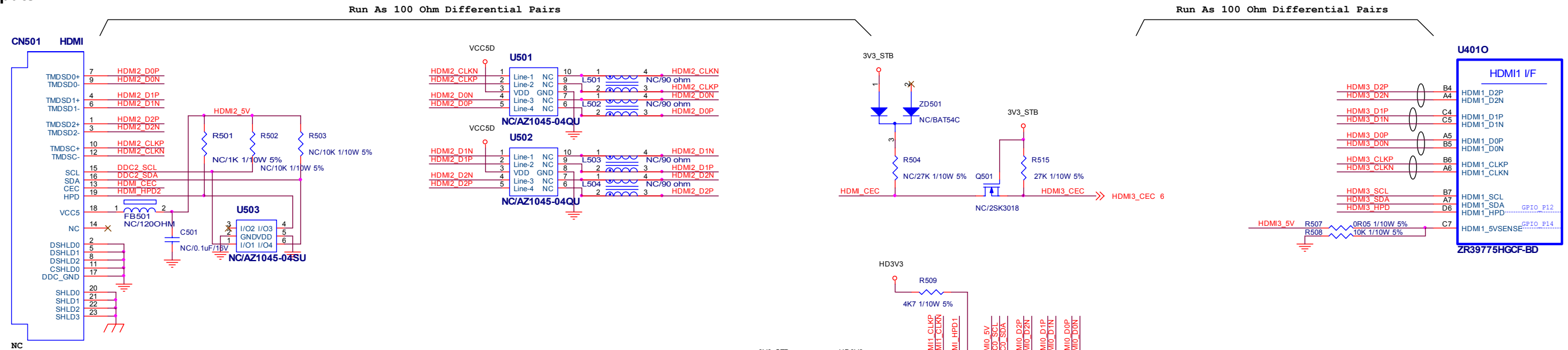


4. AV/YPbPr Inputs

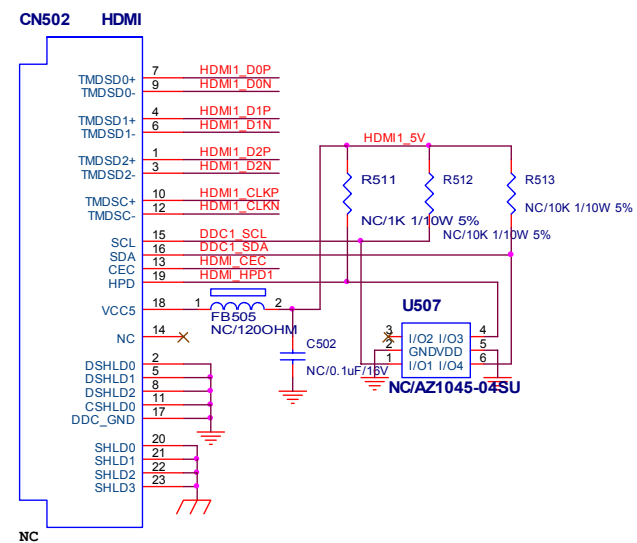


5. HDMI Inputs

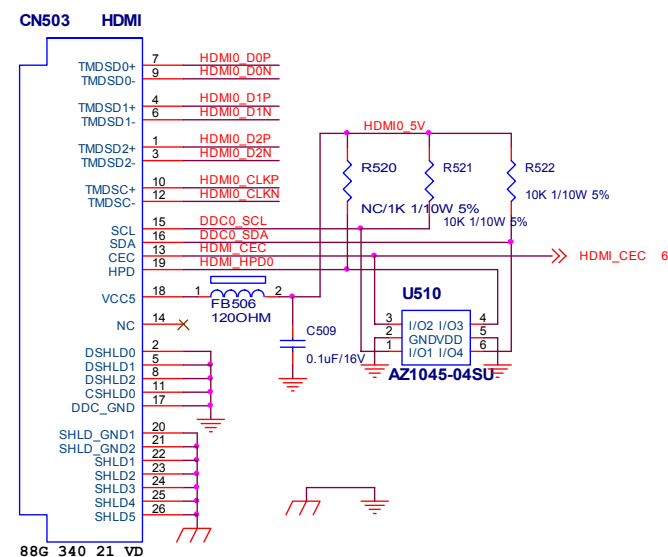
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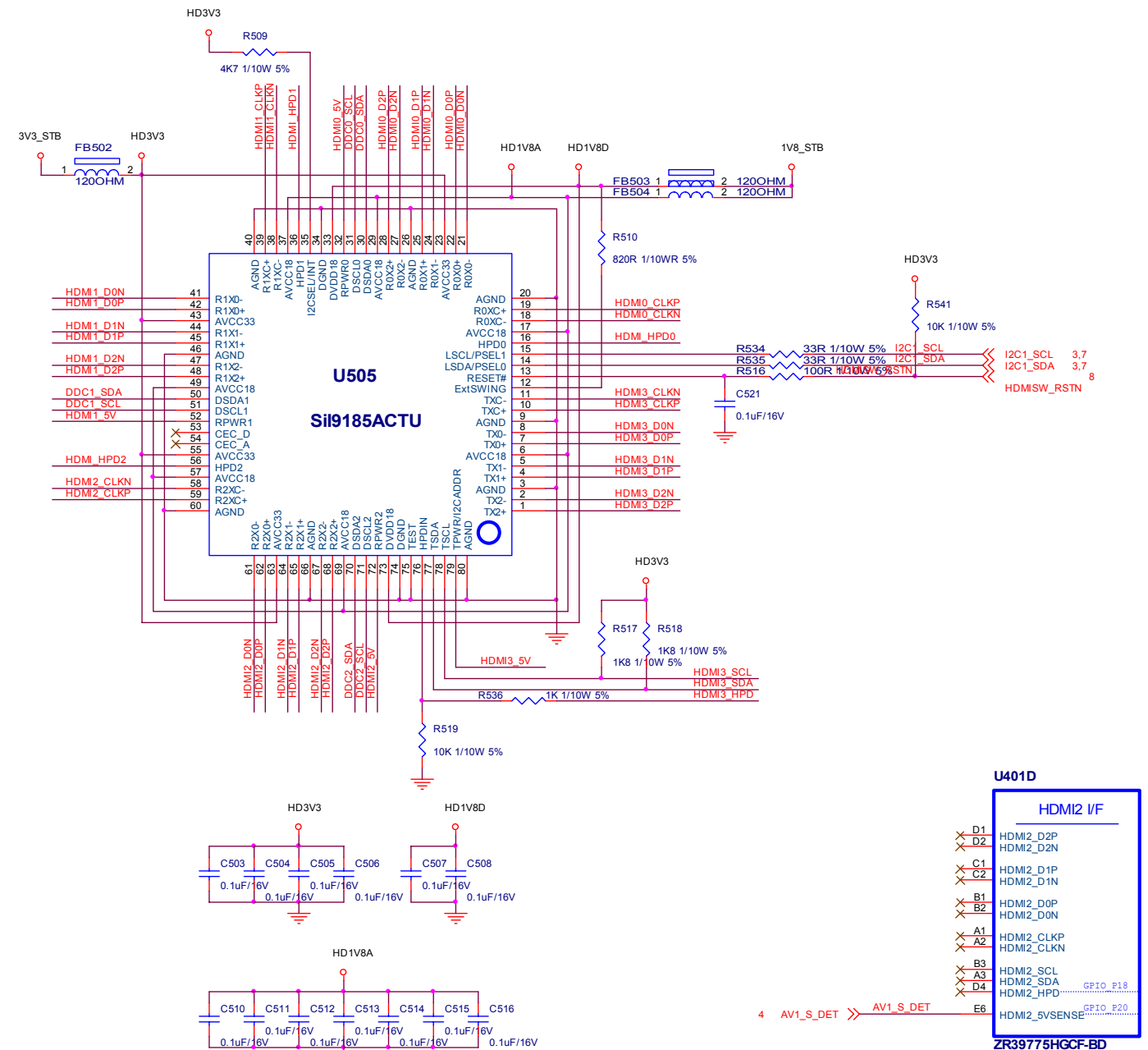
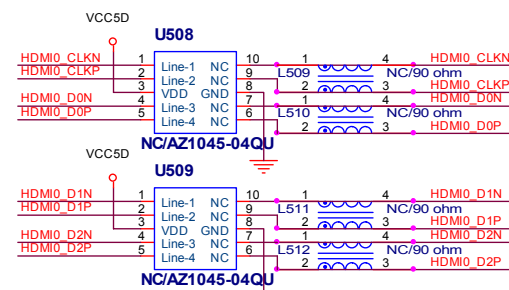
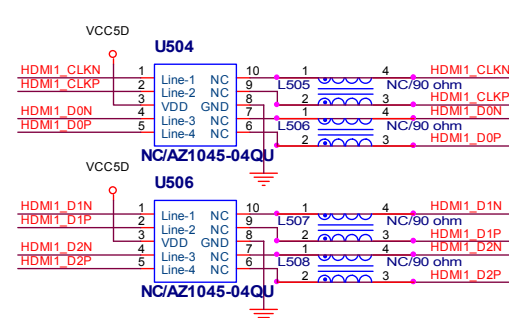
Side HMDI1



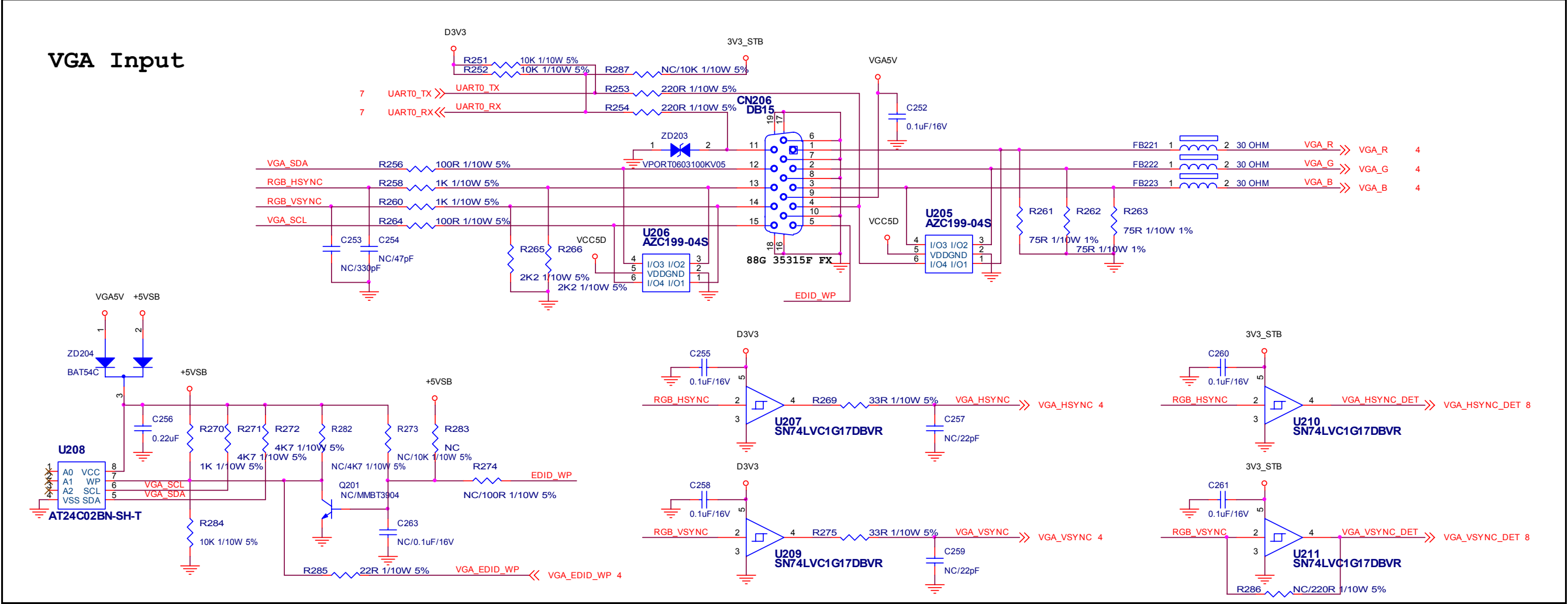
Side HMDI2



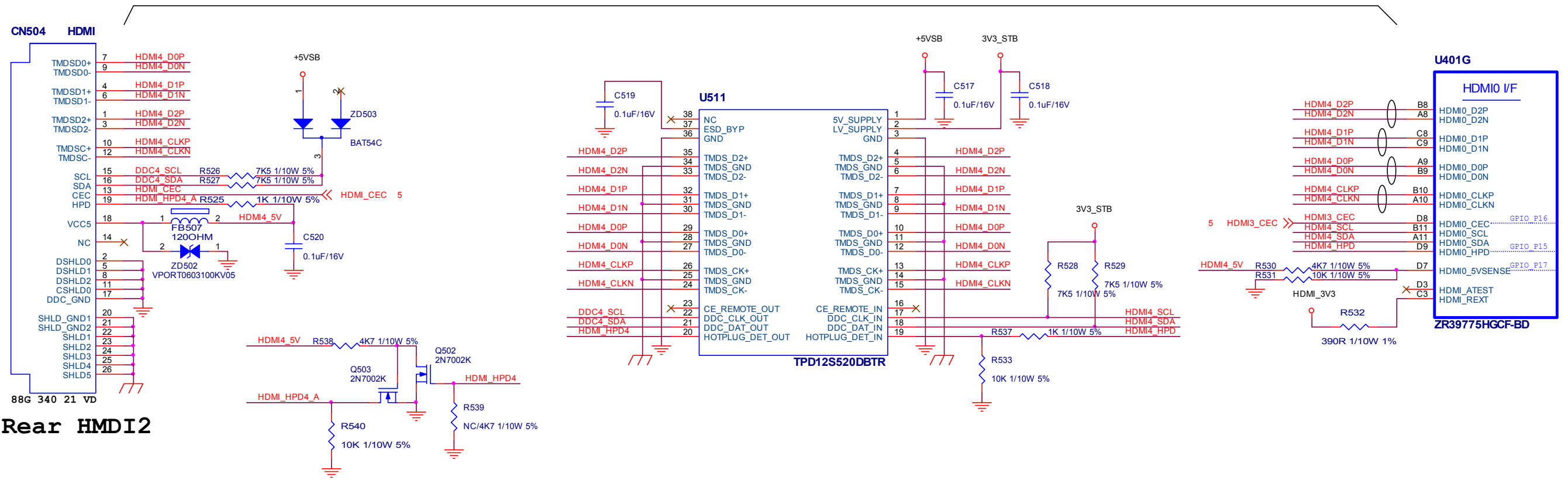
Rear HMDI1



6. VGA/HDMI Inputs

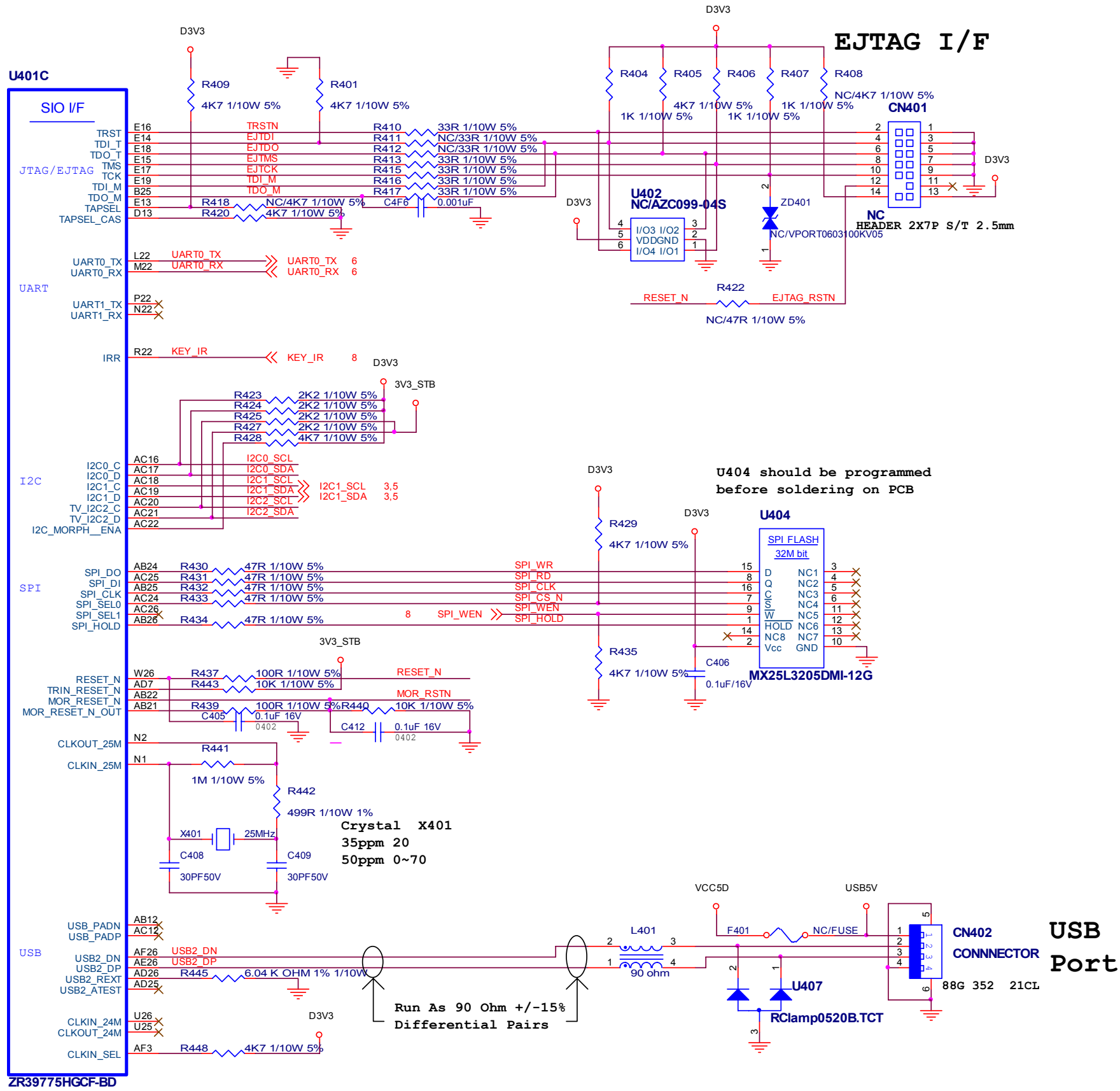


Run As 100 Ohm Differential Pairs



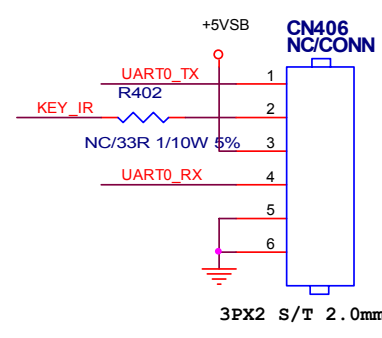
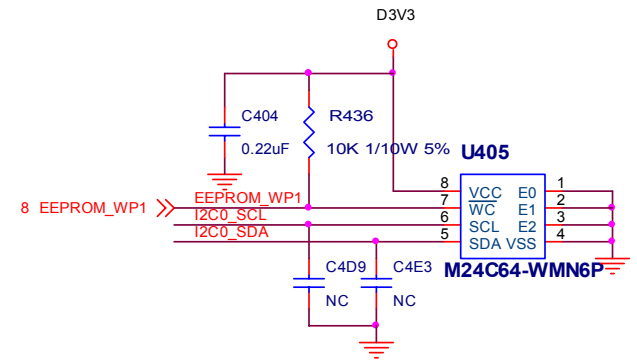
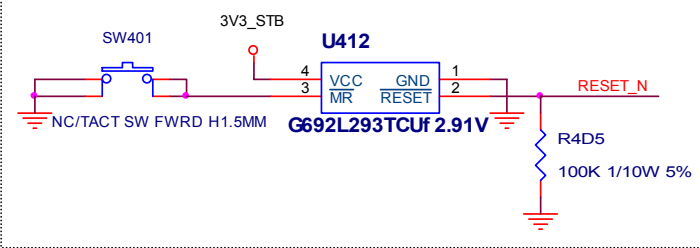
7. SIO I/F

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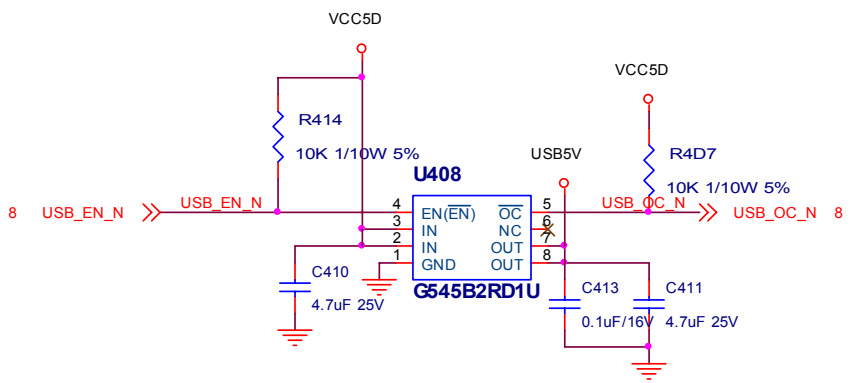


EJTAG I/F

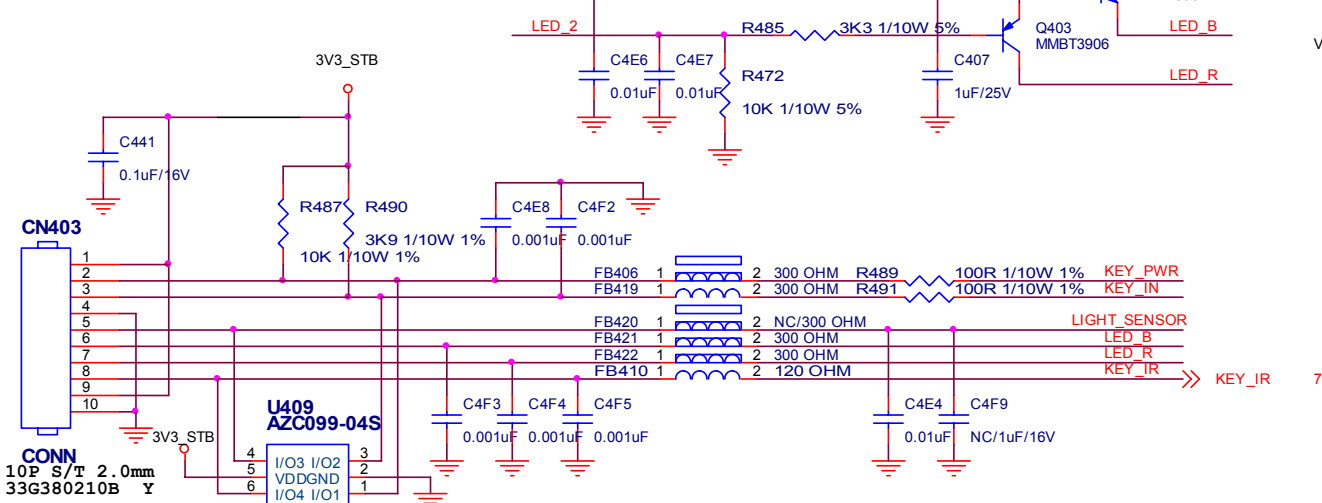
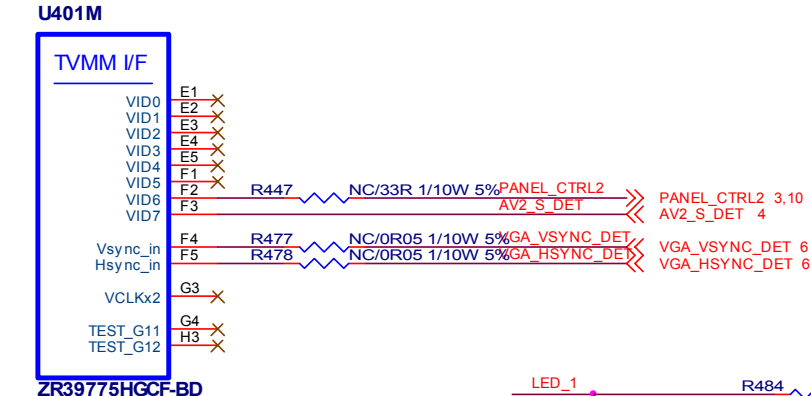
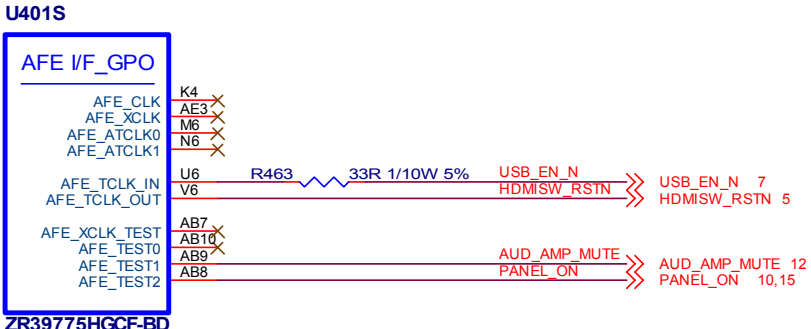
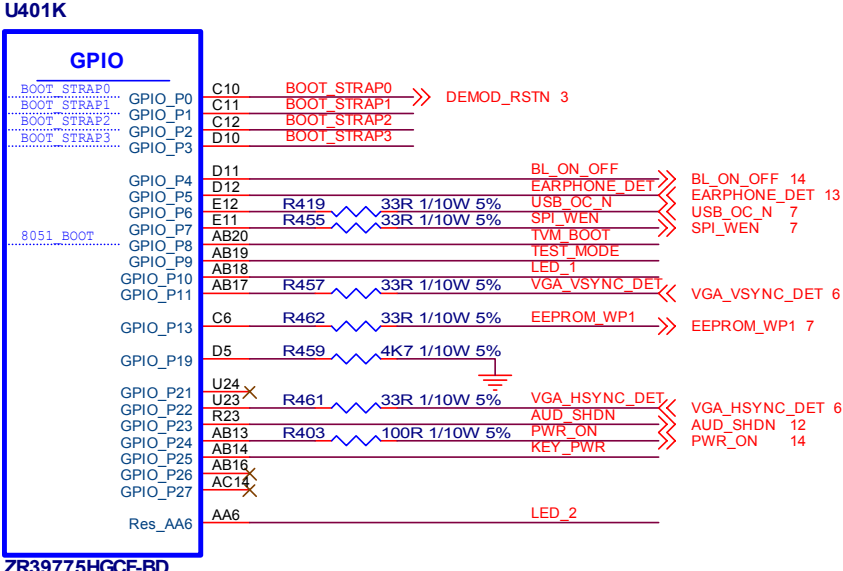
System MCU RESET



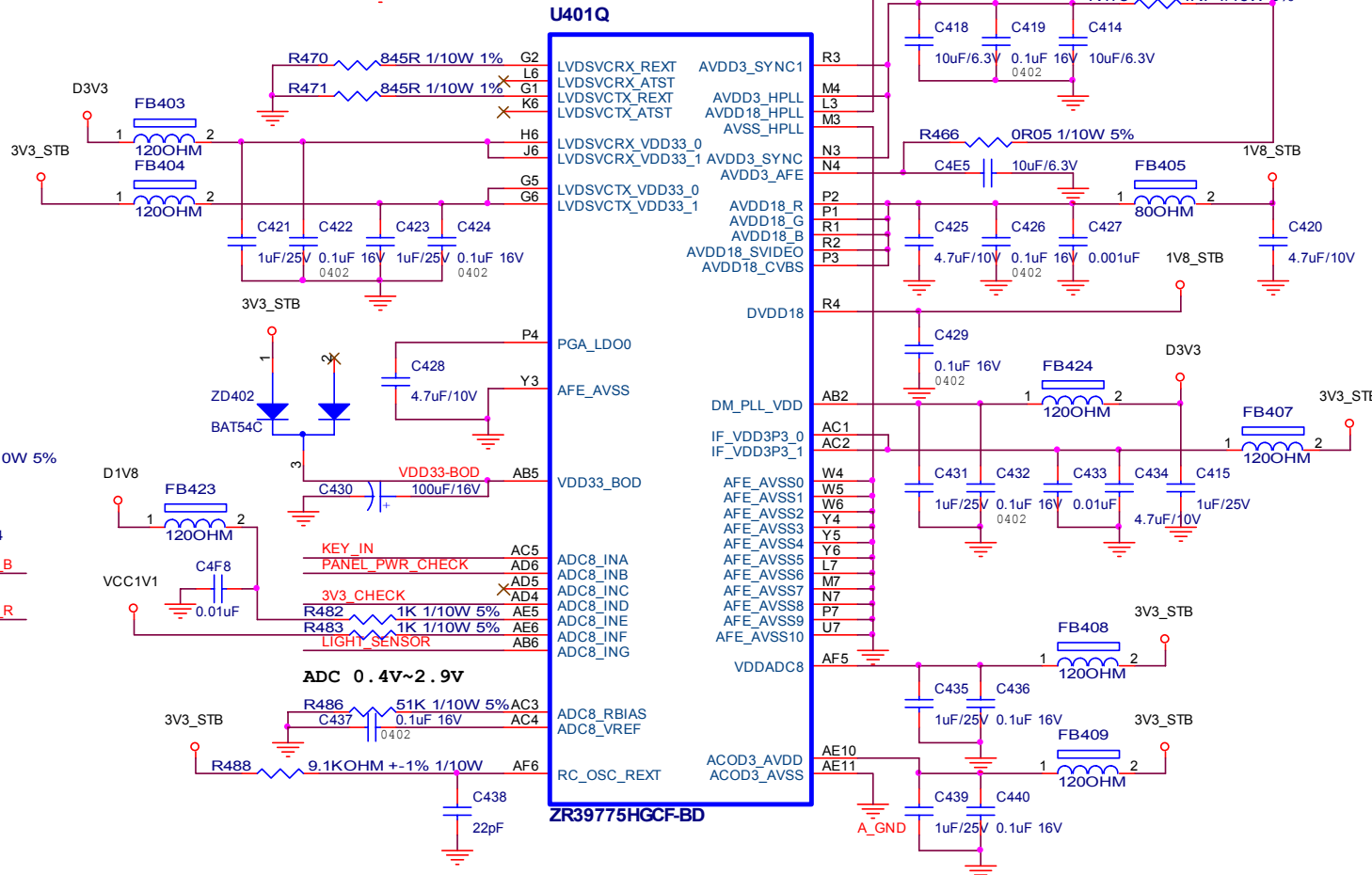
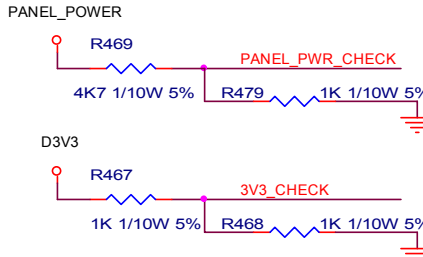
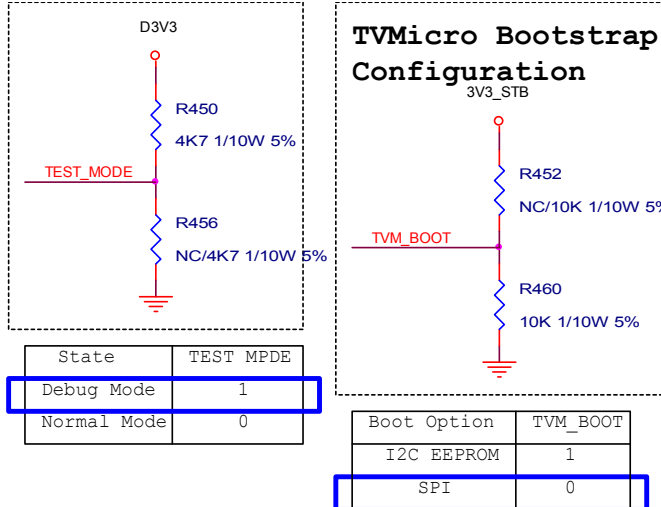
USB Port



8. GPIO Block



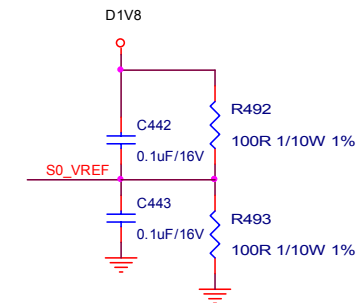
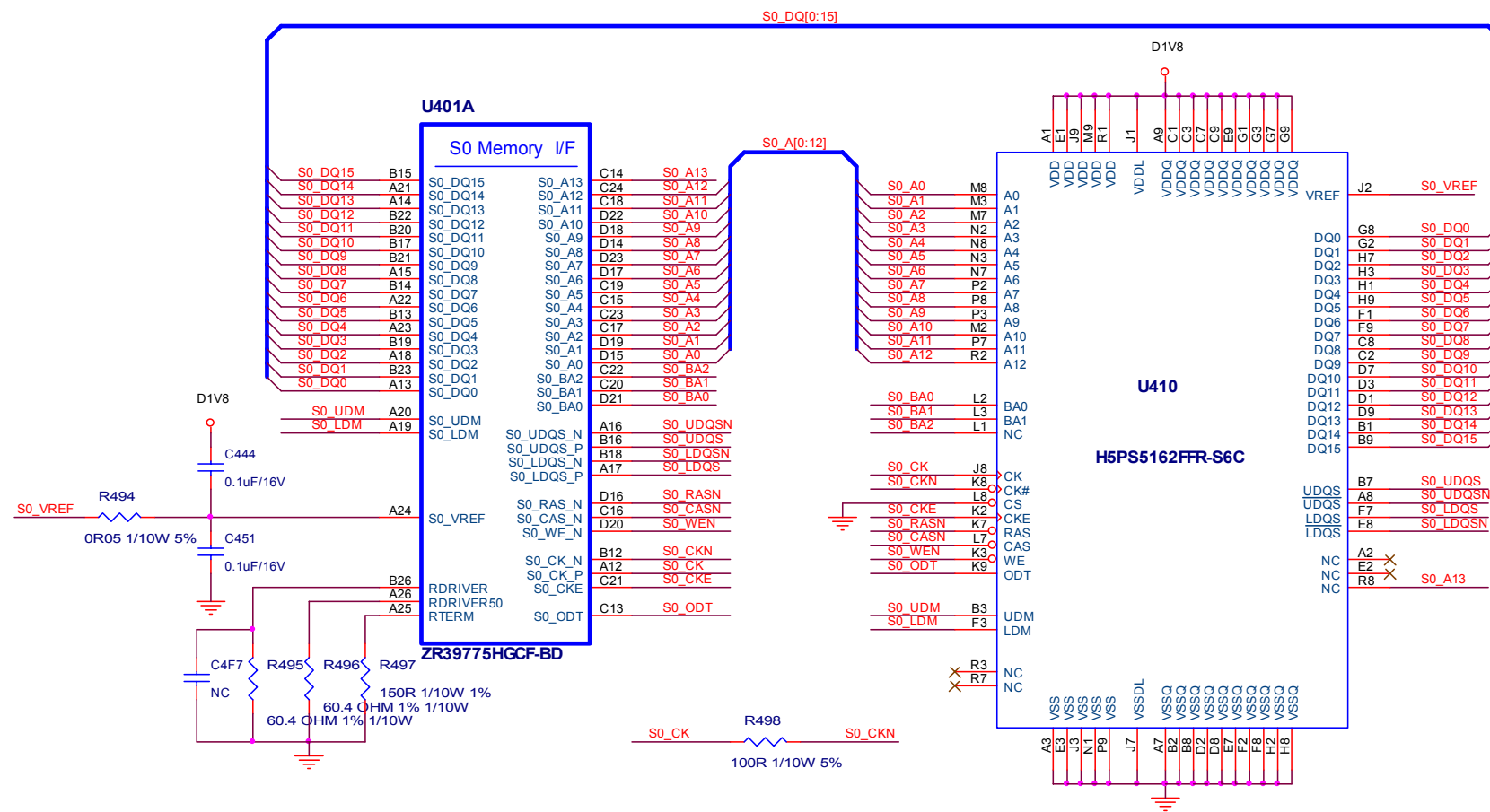
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Boot Option	BOOT3	BOOT2	BOOT1	BOOT0
16-Bit NAND-Small Page	1	0	1	1
SPI	1	1	0	0
8-Bit NAND-Large Page	1	1	0	1
8-Bit NAND-Small Page	1	1	1	1

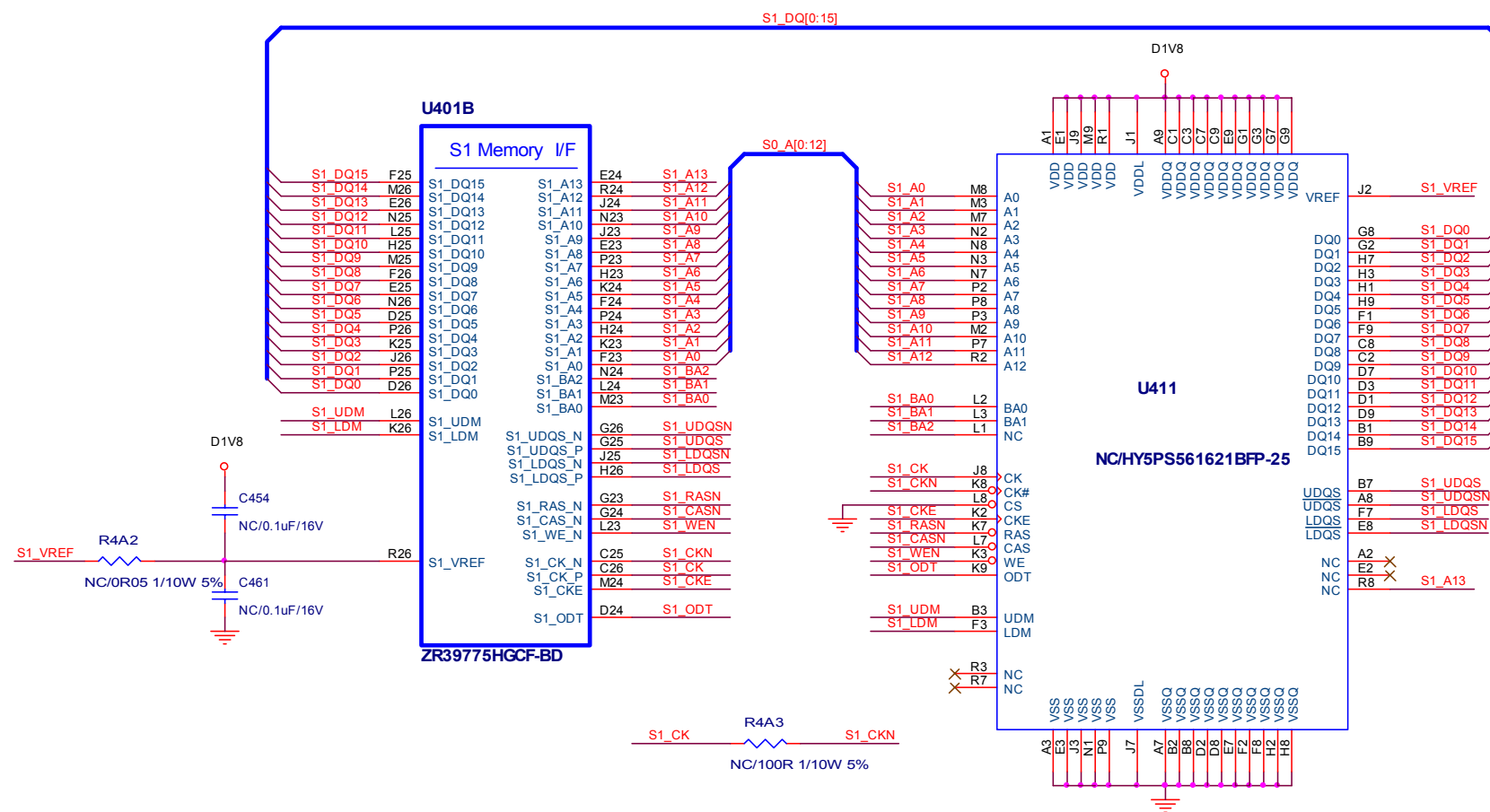
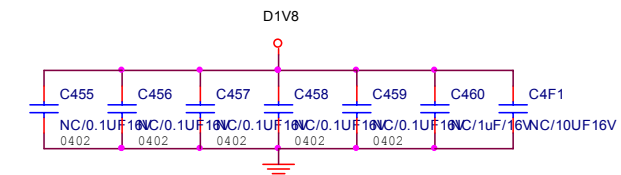
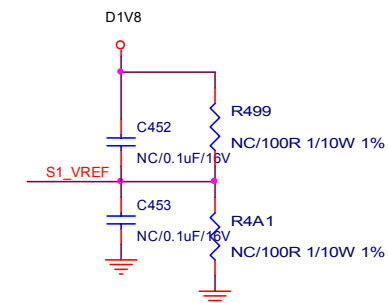
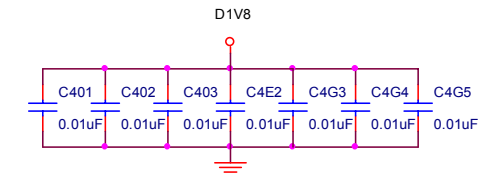
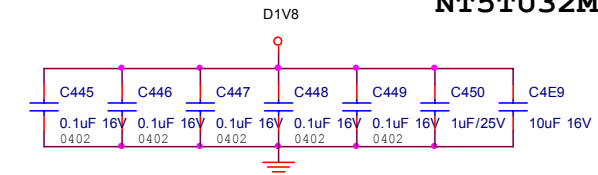
9. DDRII SDRAM I/F

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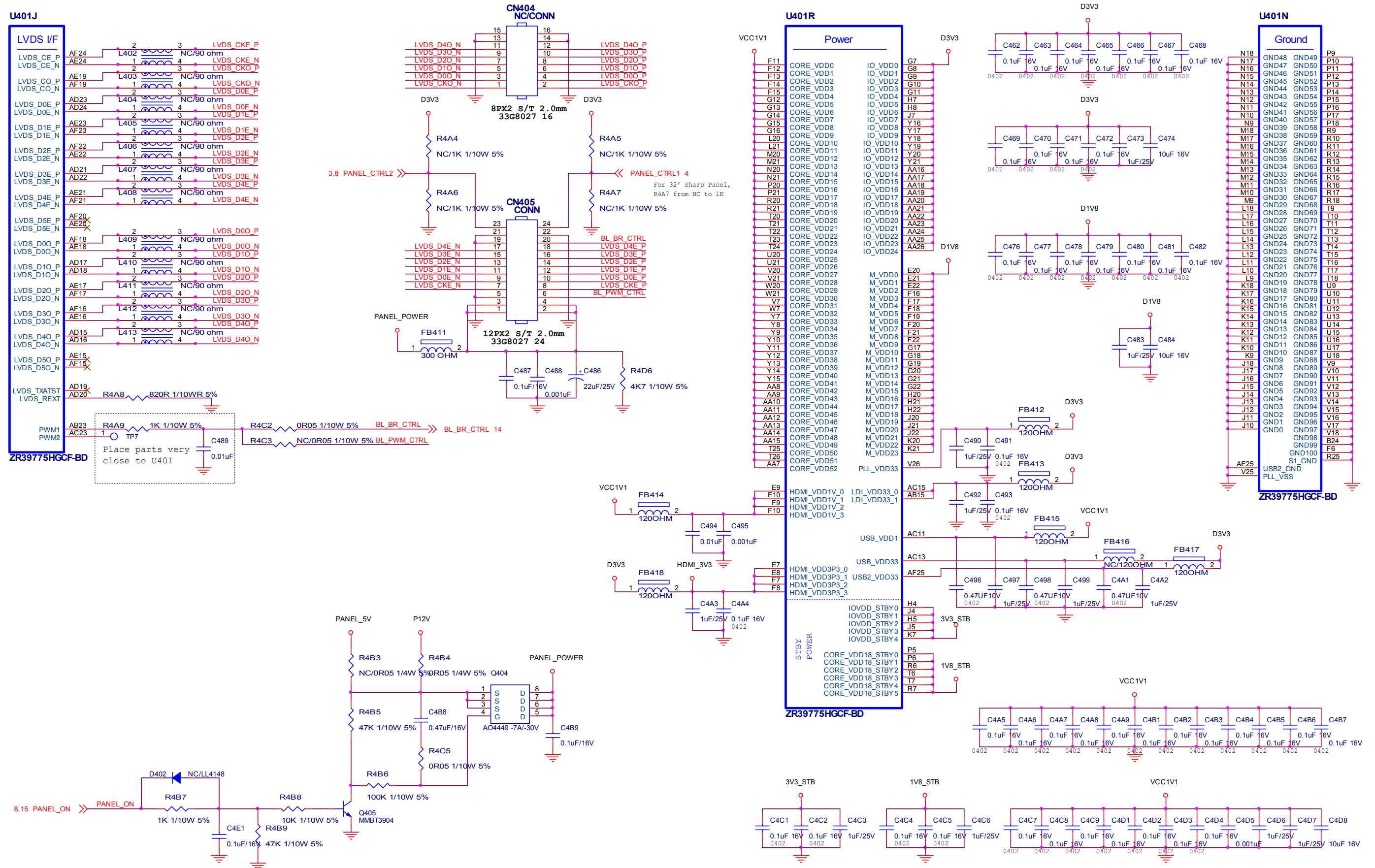
256MB (16Mx16) DDRII
56G 615 75
HY5PS561621BFP-25
56G 615 66
NANYA
NT5TU16M16AG-25D

512MB (32Mx16) DDRII
56G 615 76
H5PS5162FFR-25C
56G 615 67
NANYA
NT5TU32M16CG-25C



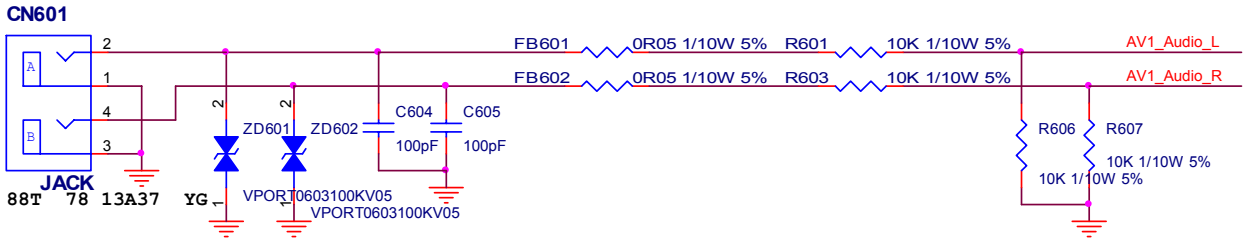
10. LVDS I/F

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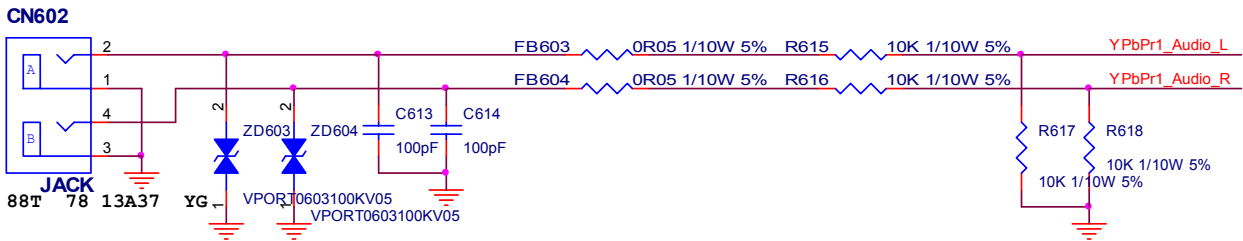


11. Audio Inputs

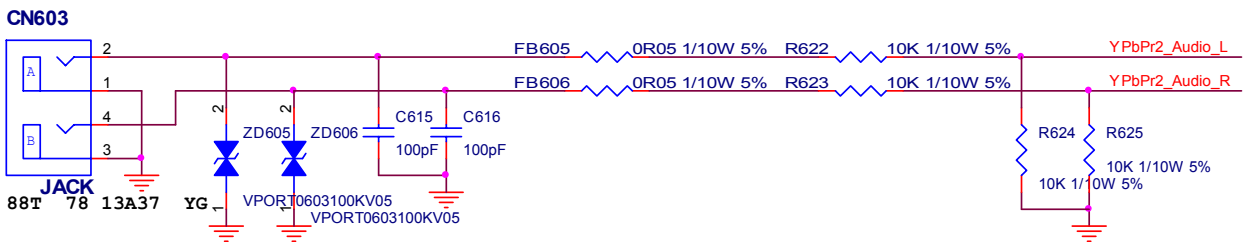
AV1
Audio
Input



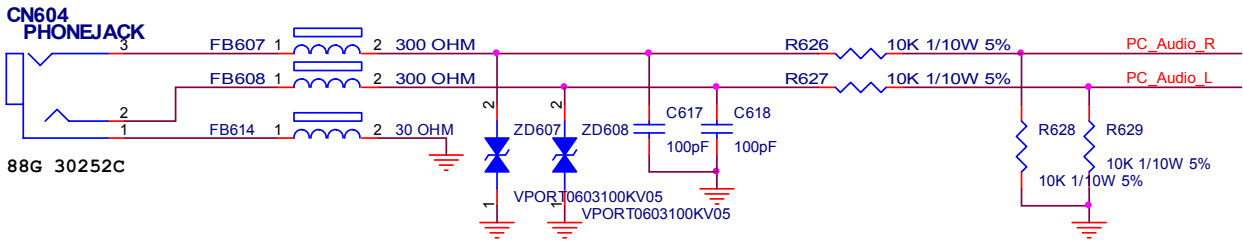
YPbPr1
Audio
Input



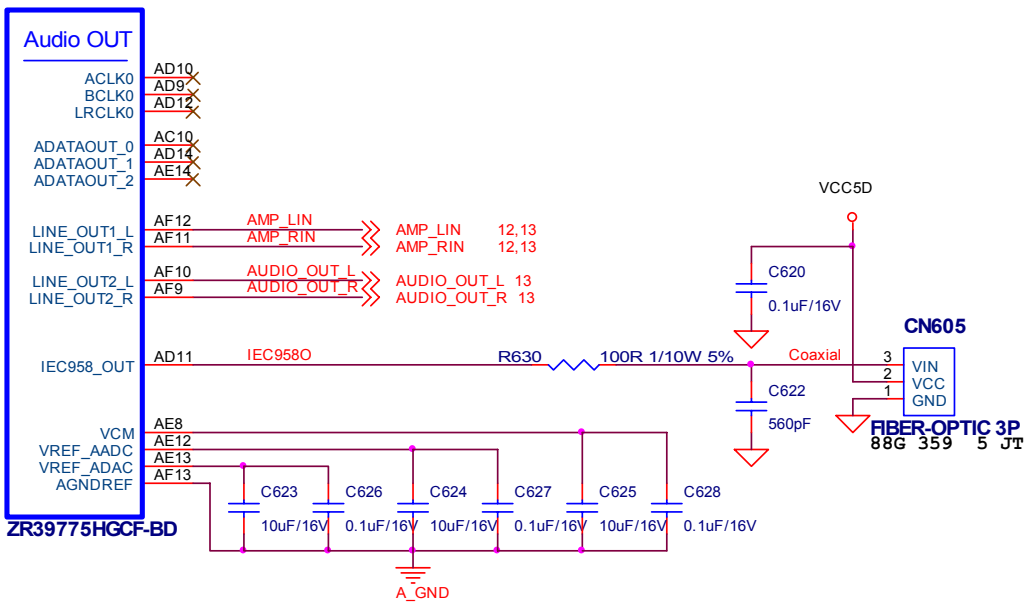
YPbPr2
Audio
Input



VGA
Audio
Input

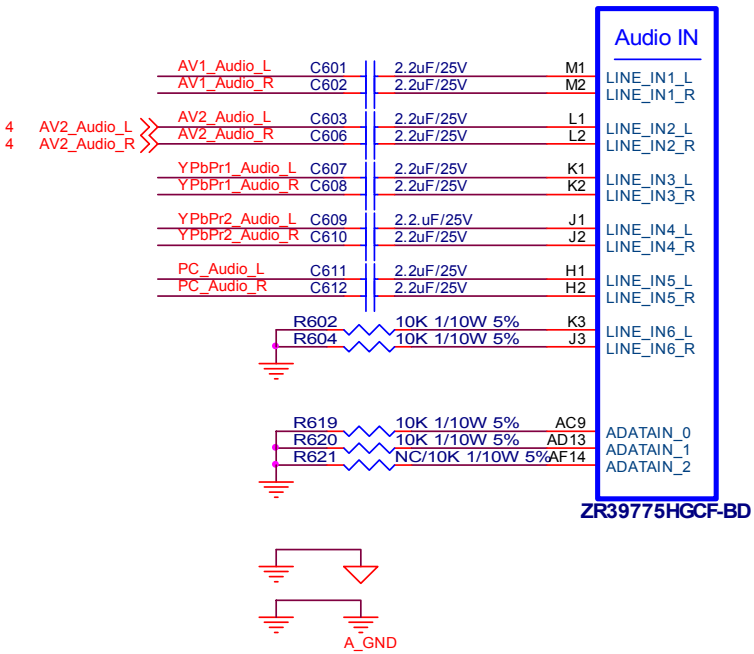


U401I



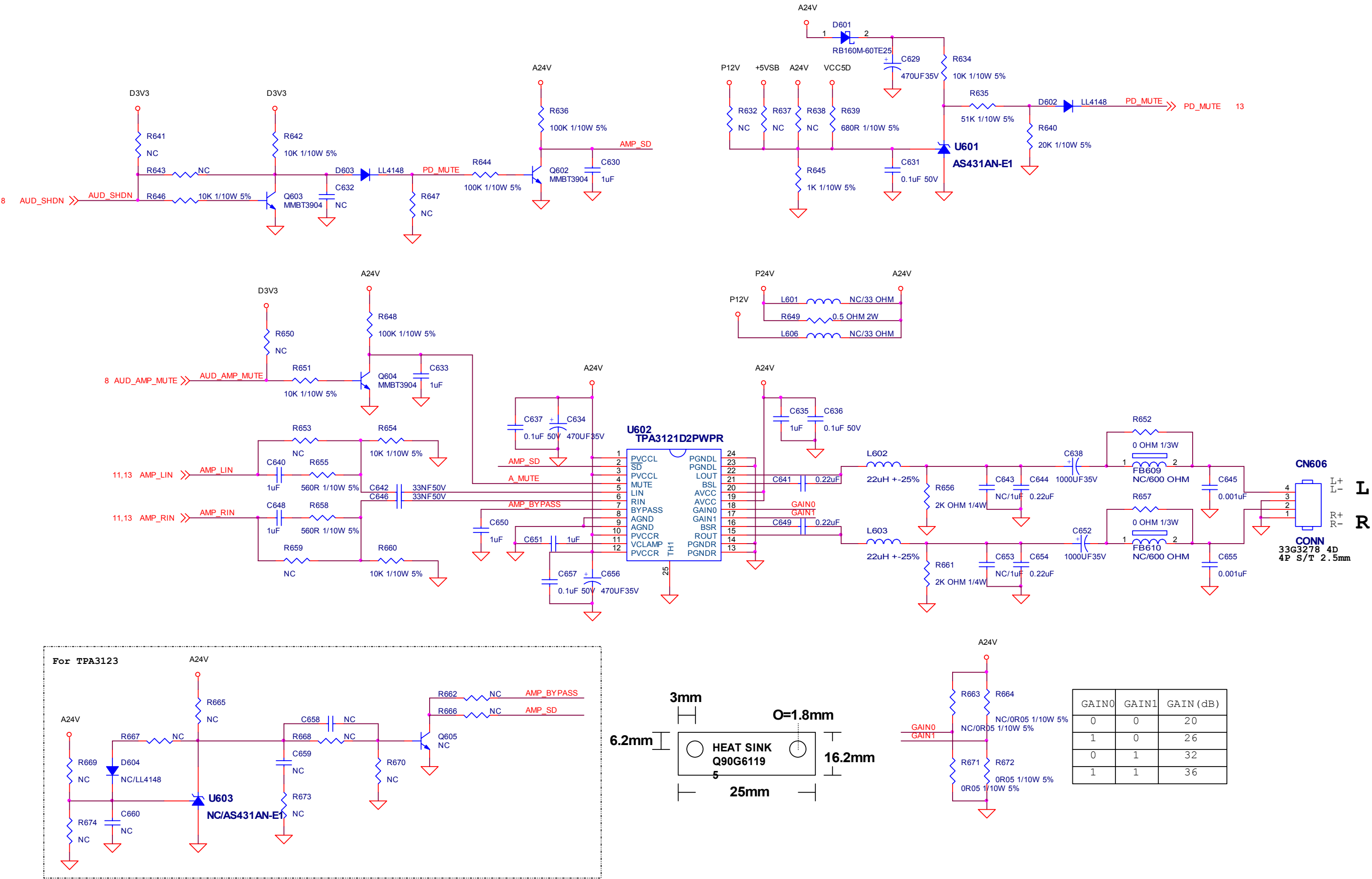
SPDIF
Output

U401E

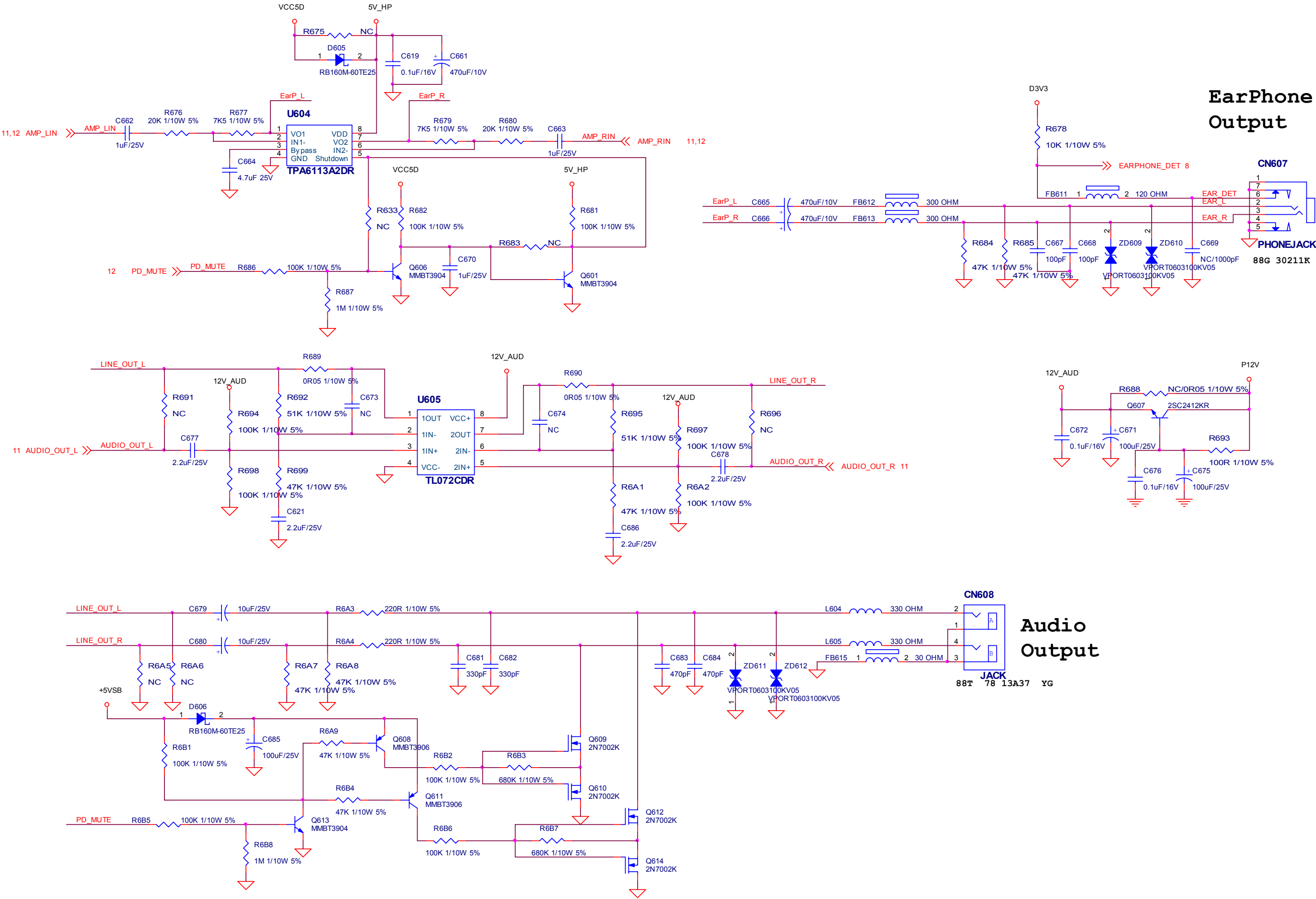


12. Audio Amplifier

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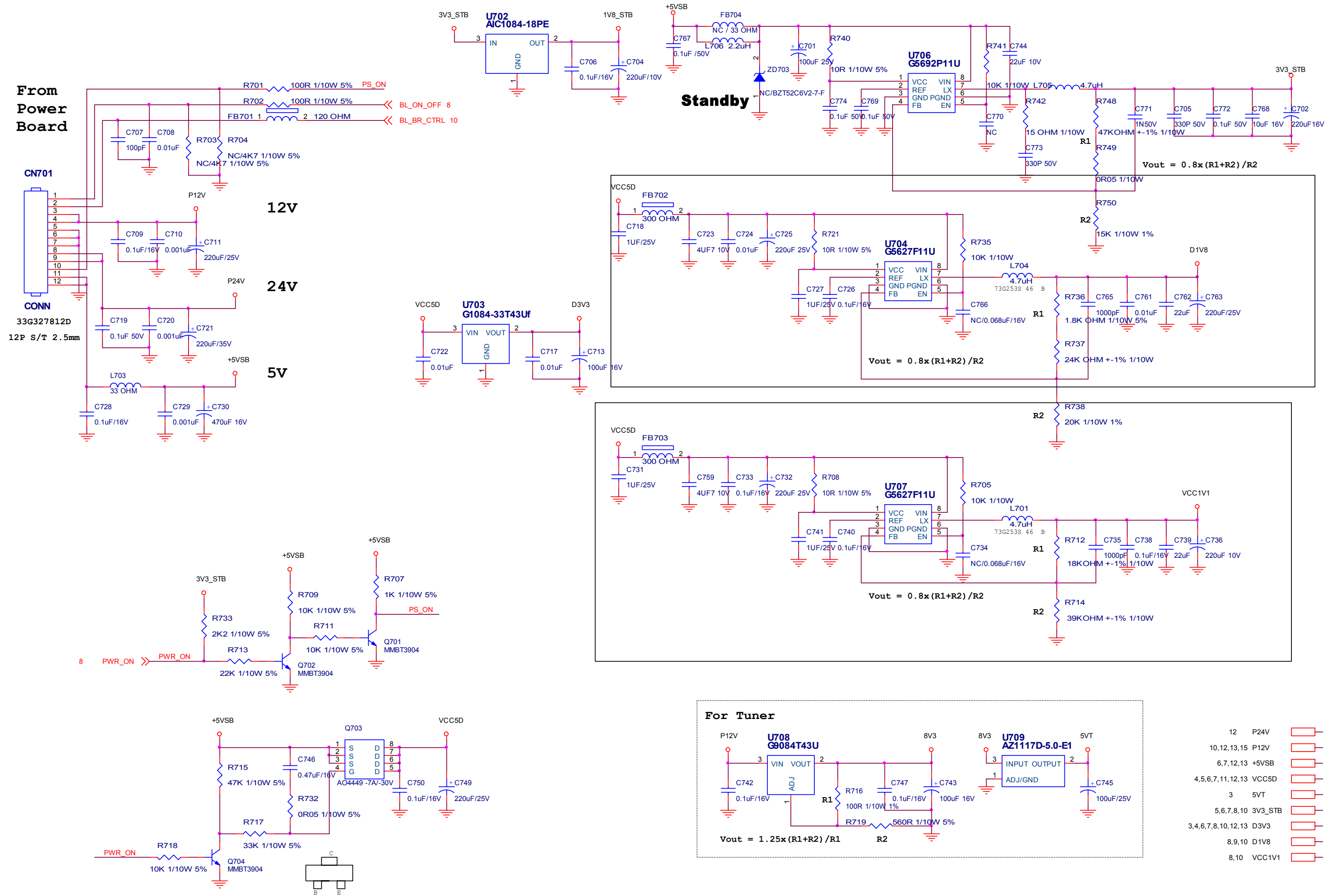


13. Earphone/AV Outputs



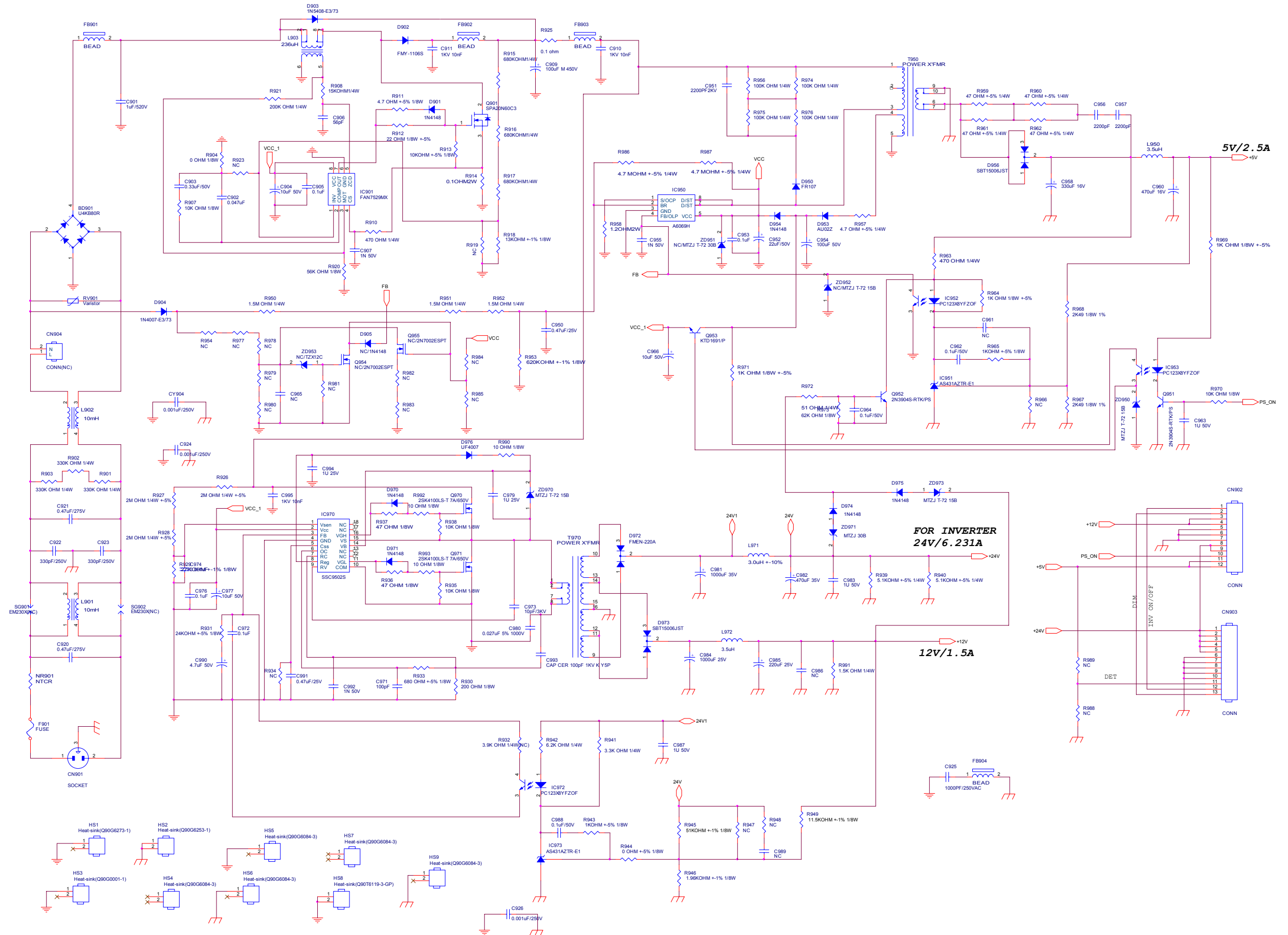
14. Power

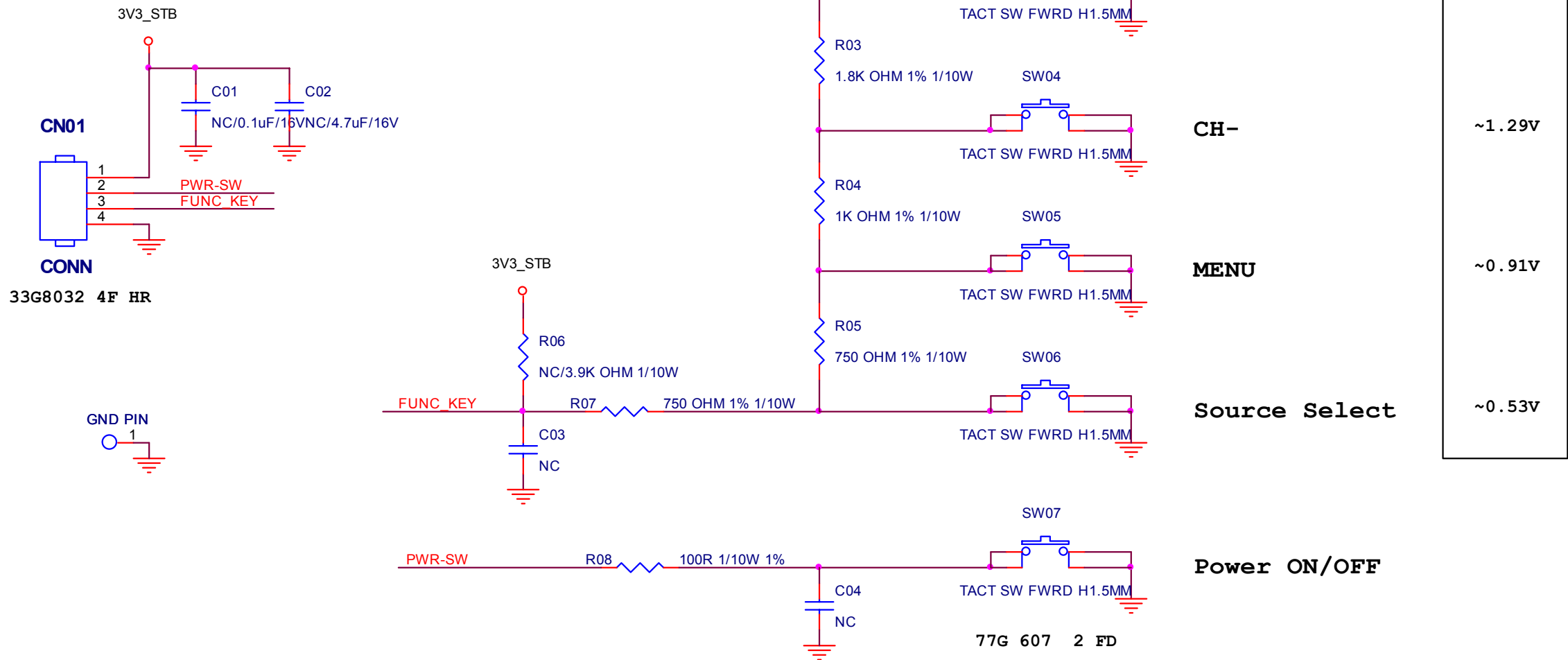
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Power Board
715G3261P02000003S

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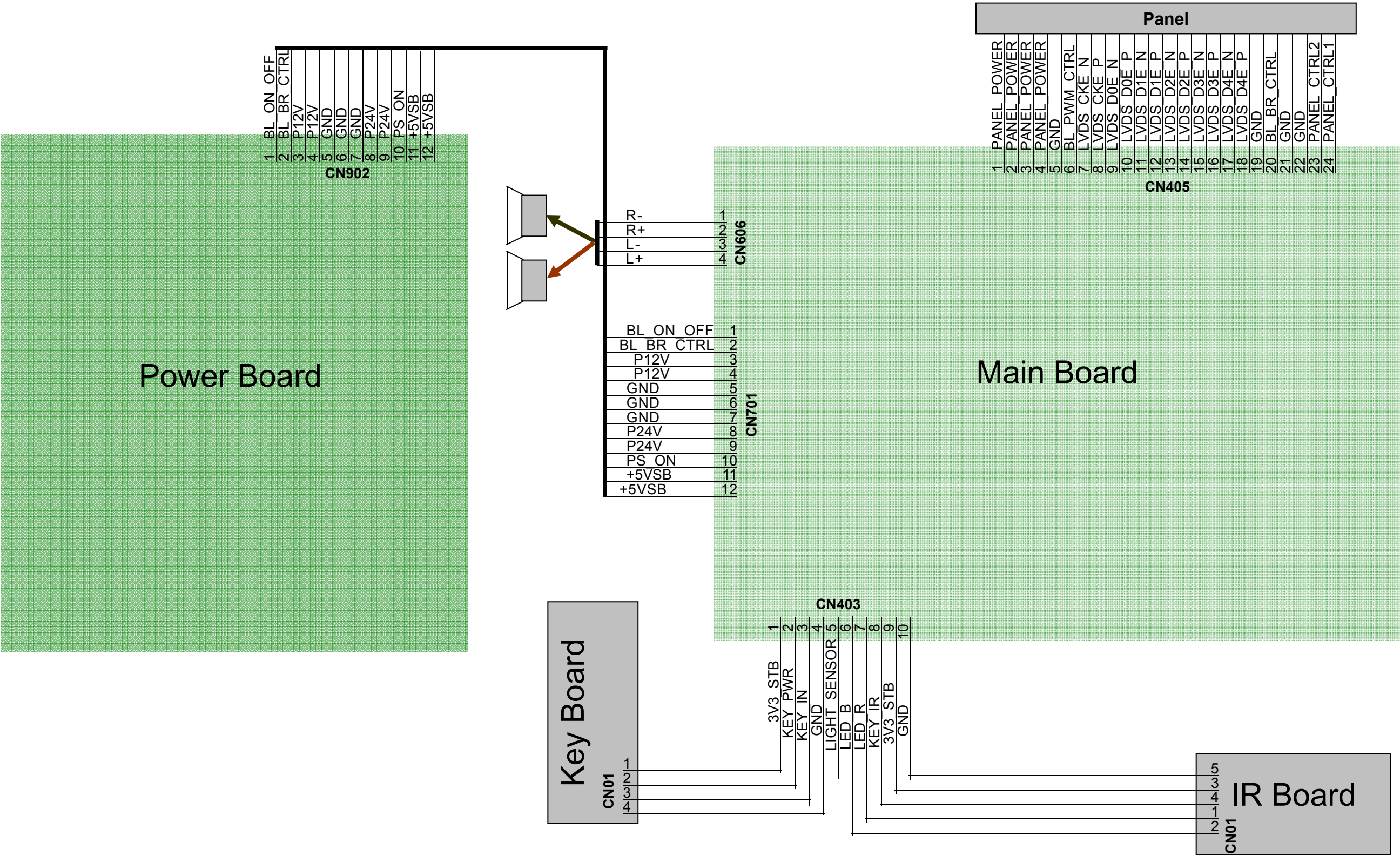






Connection Diagram

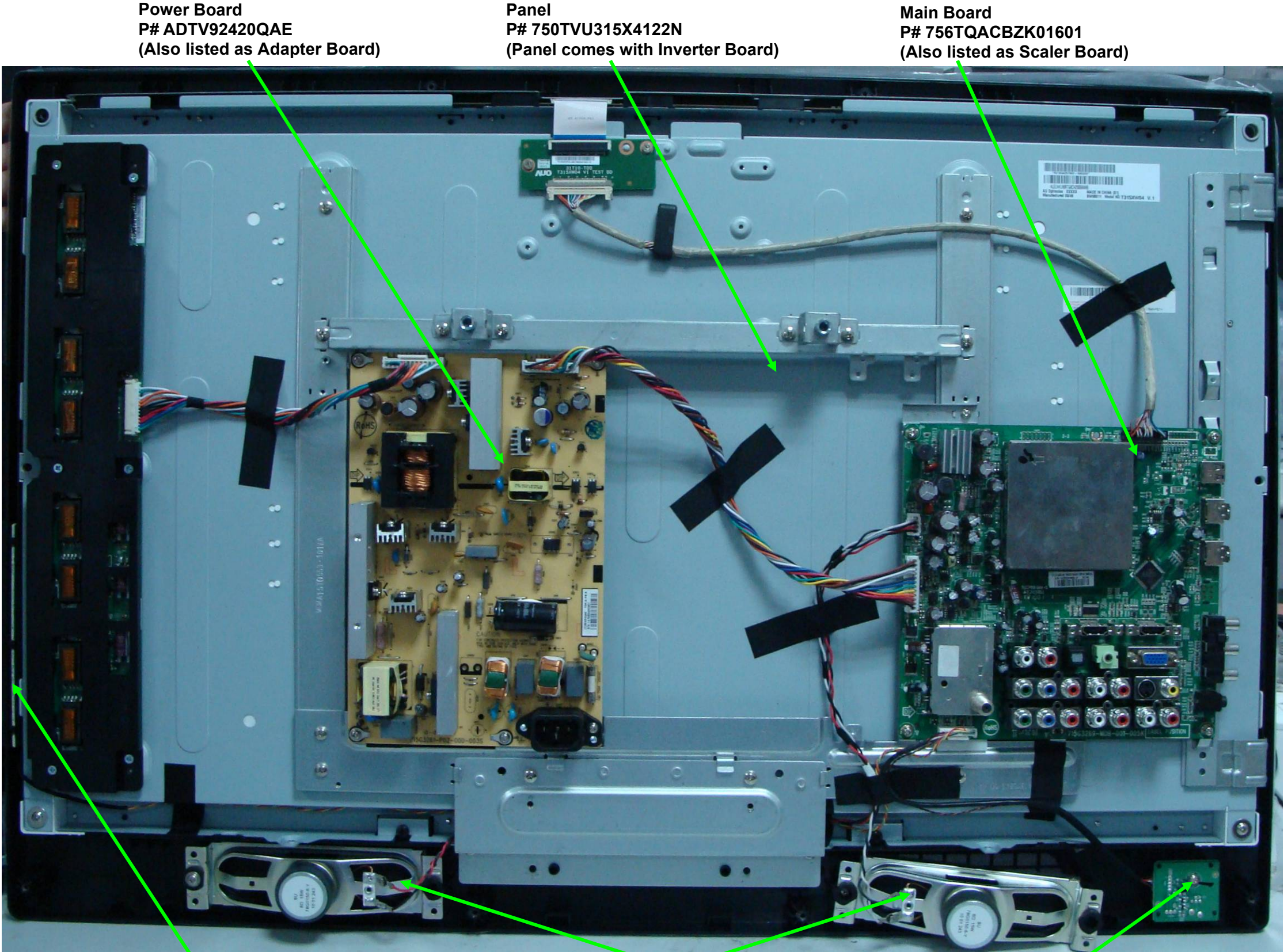
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Main Parts View

The following main parts view are for Service

Note: Use extreme care when removing and re-inserting connectors. They all have a press-on (squeeze) release lever. Do not pull from the wires only.



Power Board
P# ADTV92420QAE
(Also listed as Adapter Board)

Panel
P# 750TVU315X4122N
(Panel comes with Inverter Board)

Main Board
P# 756TQACBZK01601
(Also listed as Scaler Board)

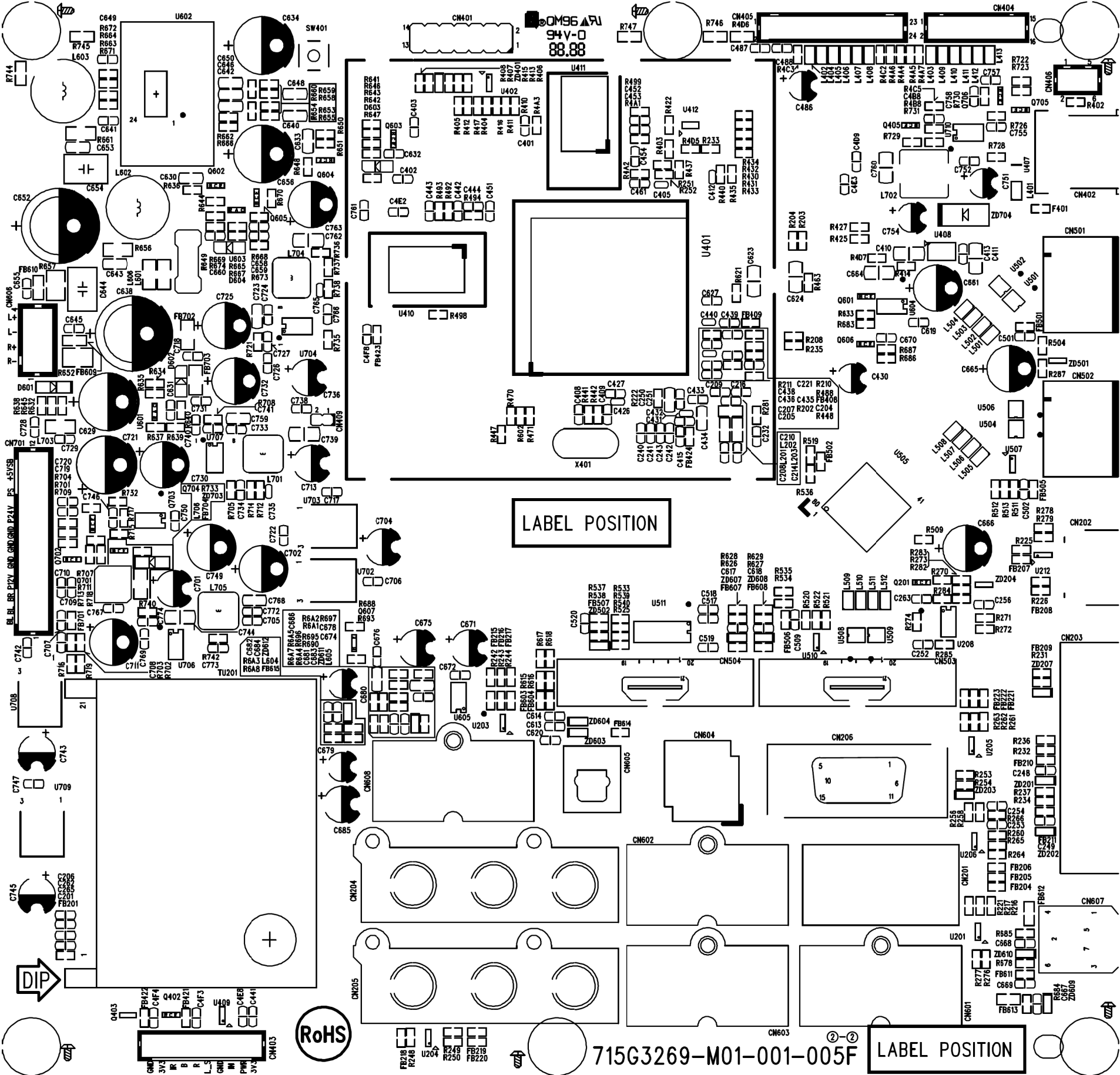
Key Board
P# KEPF9AA2

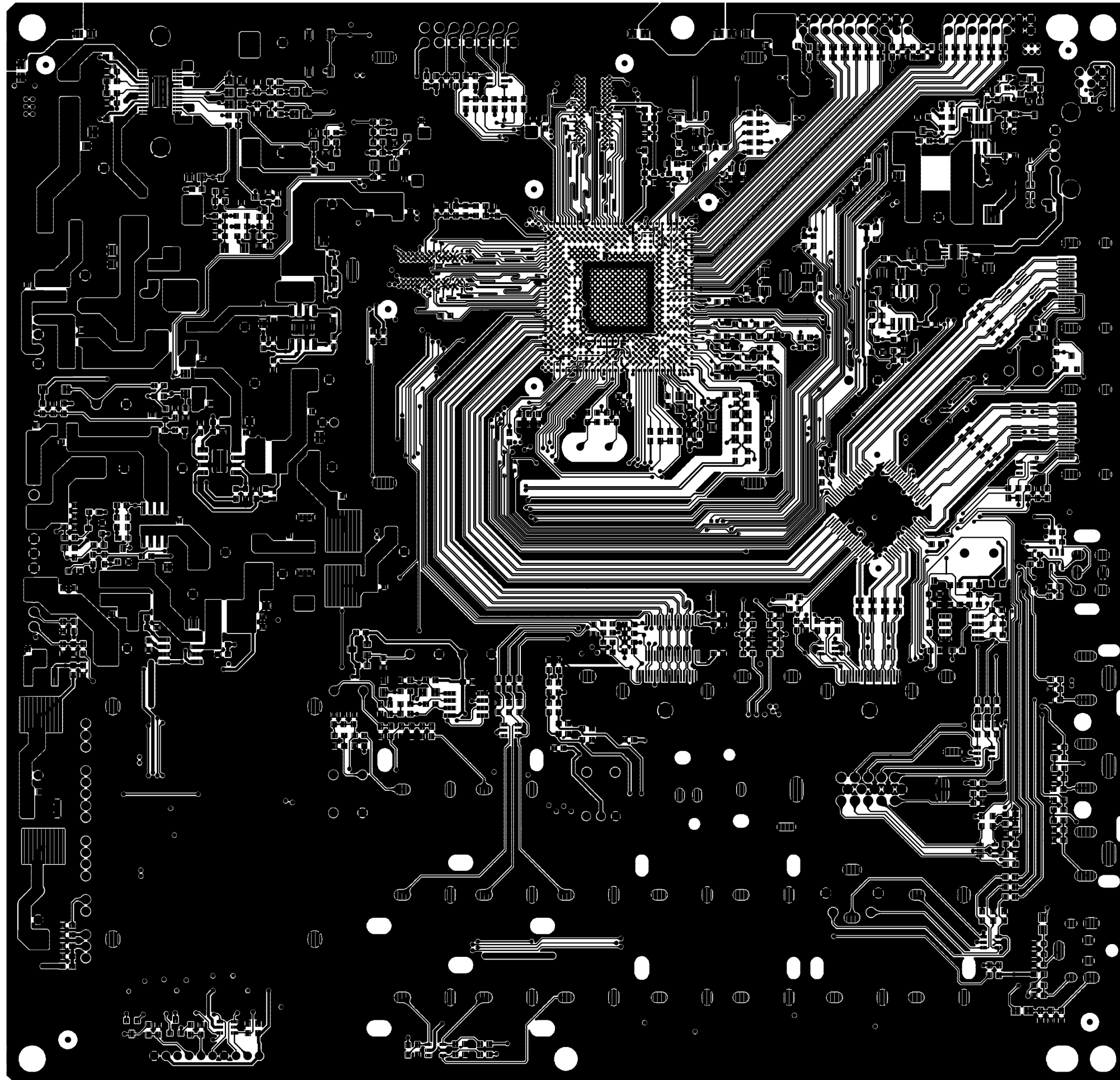
Speaker (L & R)
P#078G01506Y

IR Board
P# IRPFAQC8

Remote Control: P# 098GRABD1NEHTM

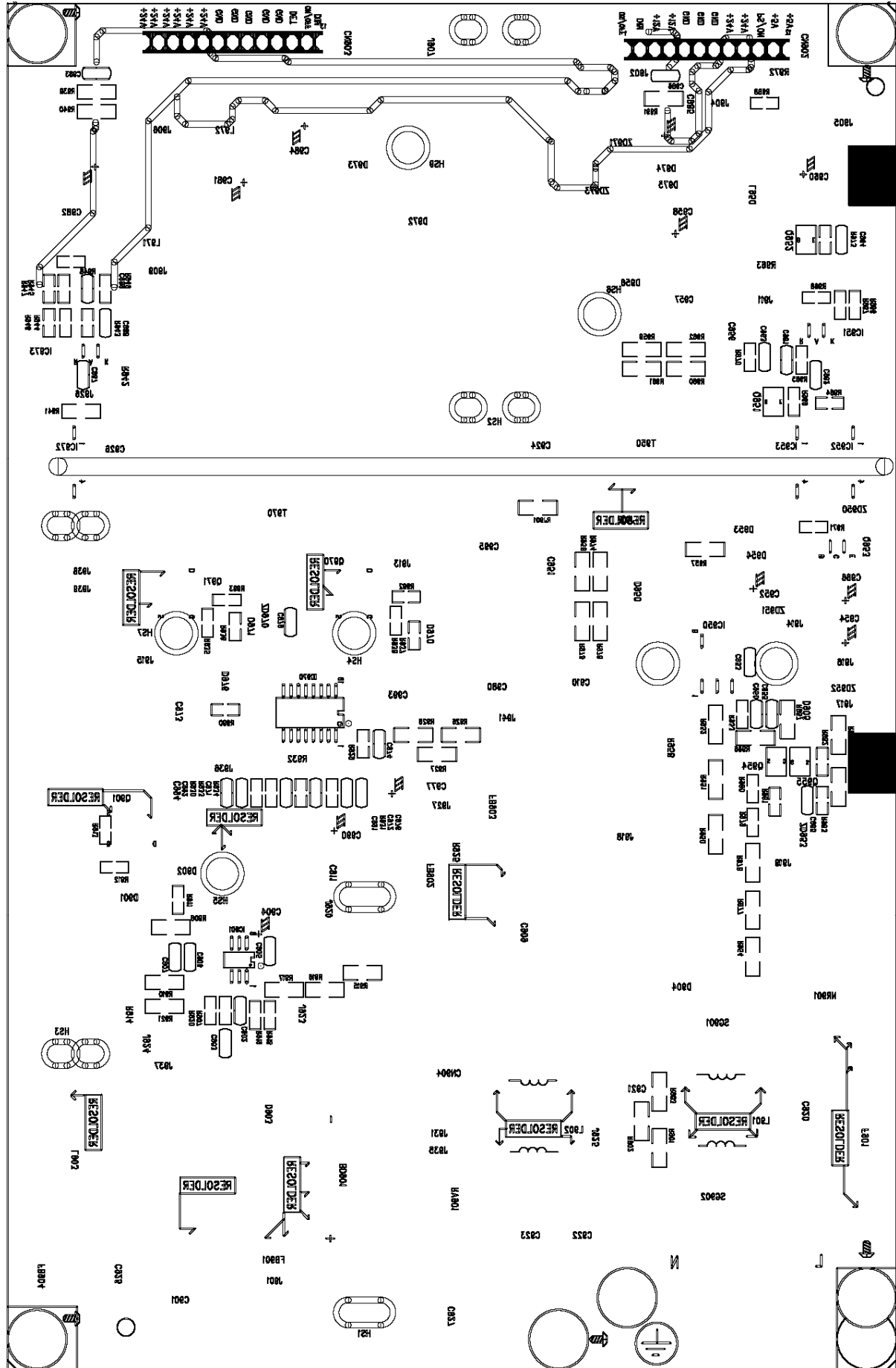
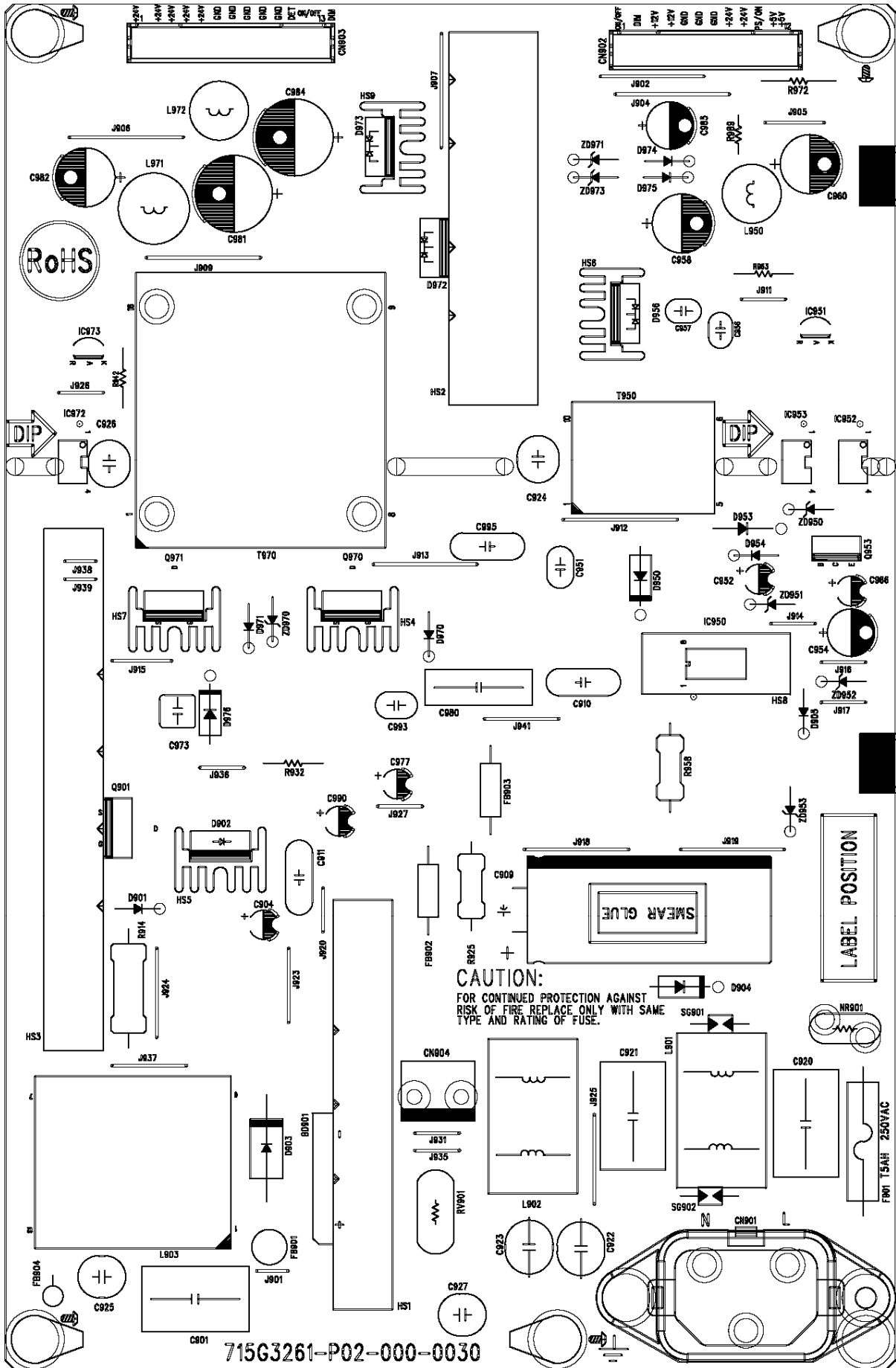
[Back to front page](#)



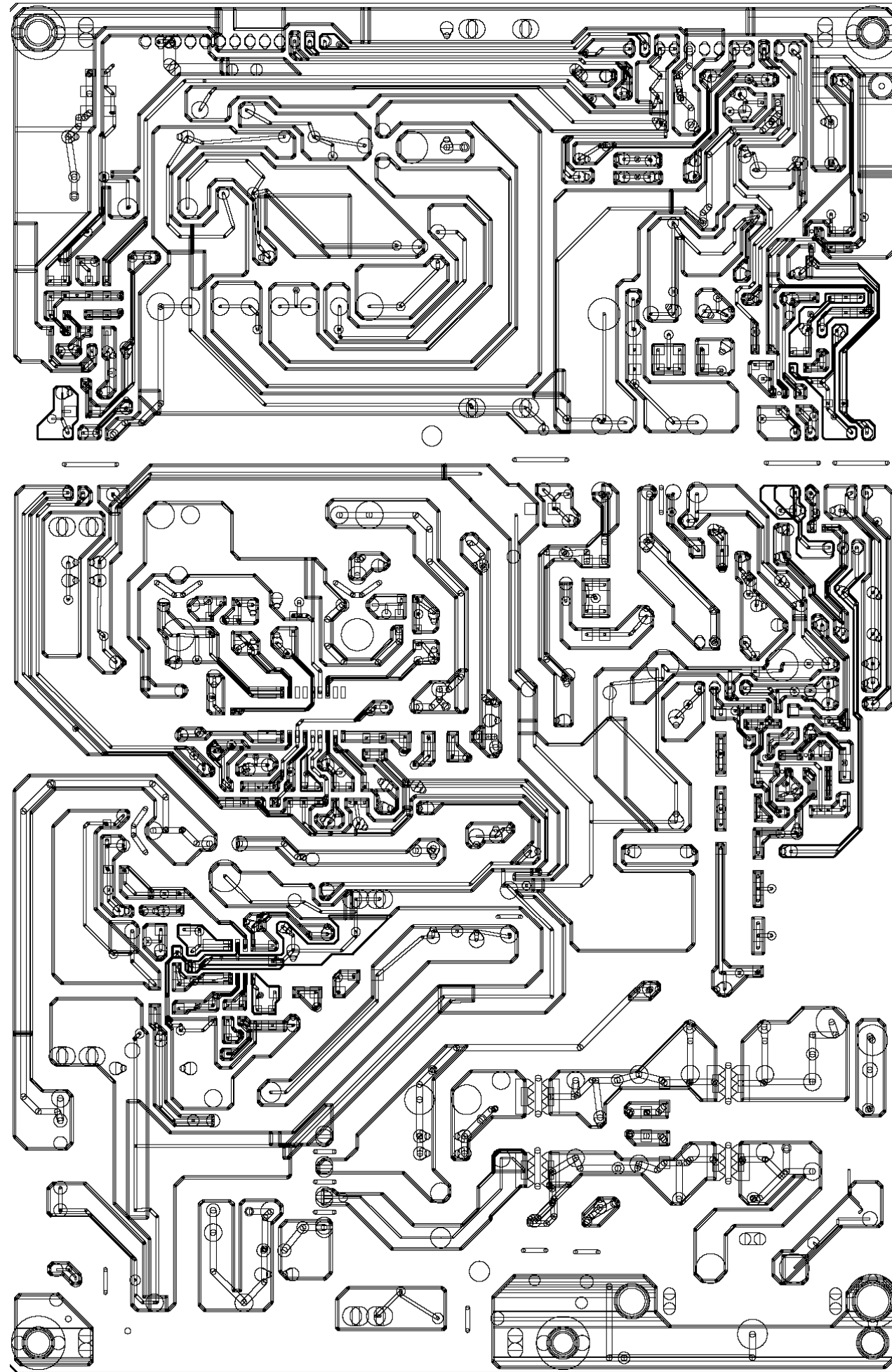


Power Board
715G3261P02000003S

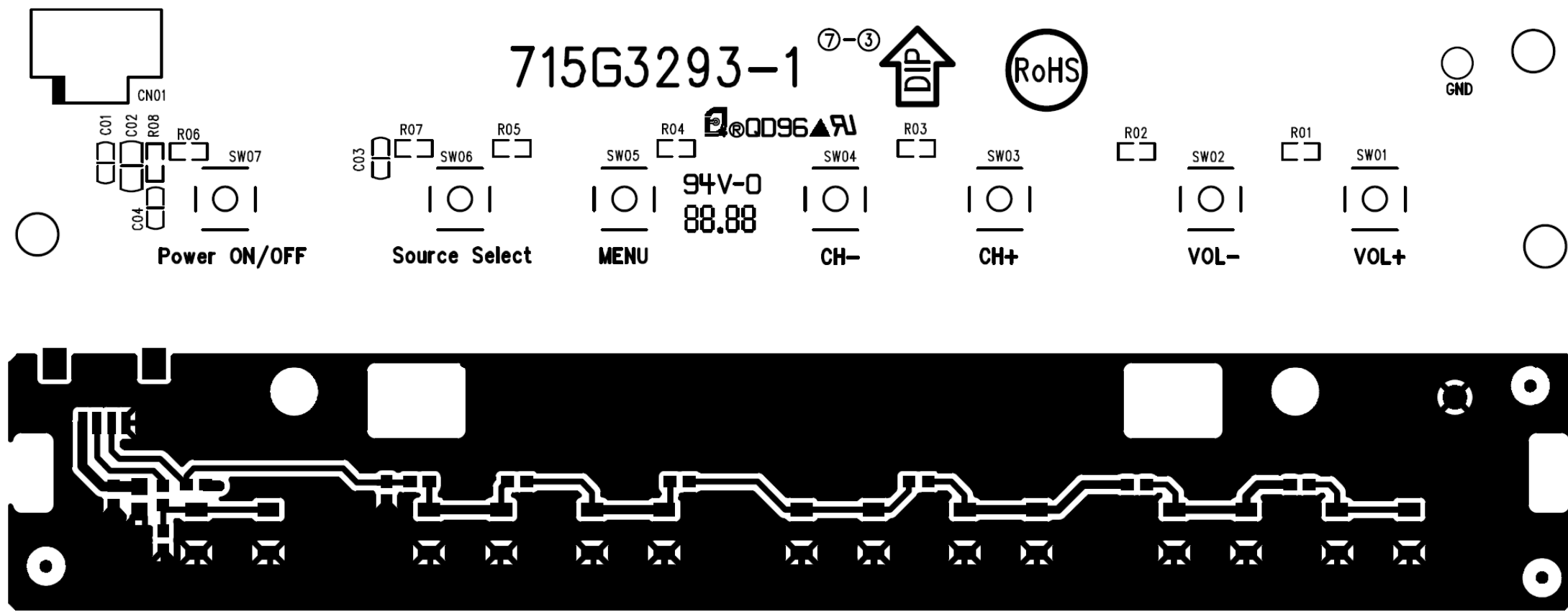
L32A404



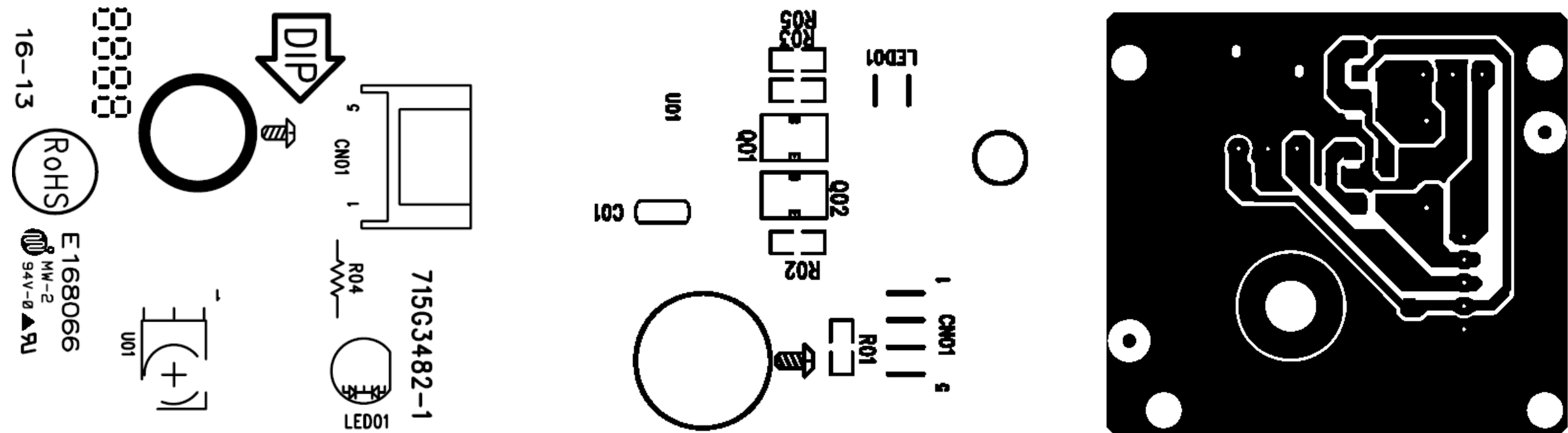
L32A404



Key Board
715G3293 1

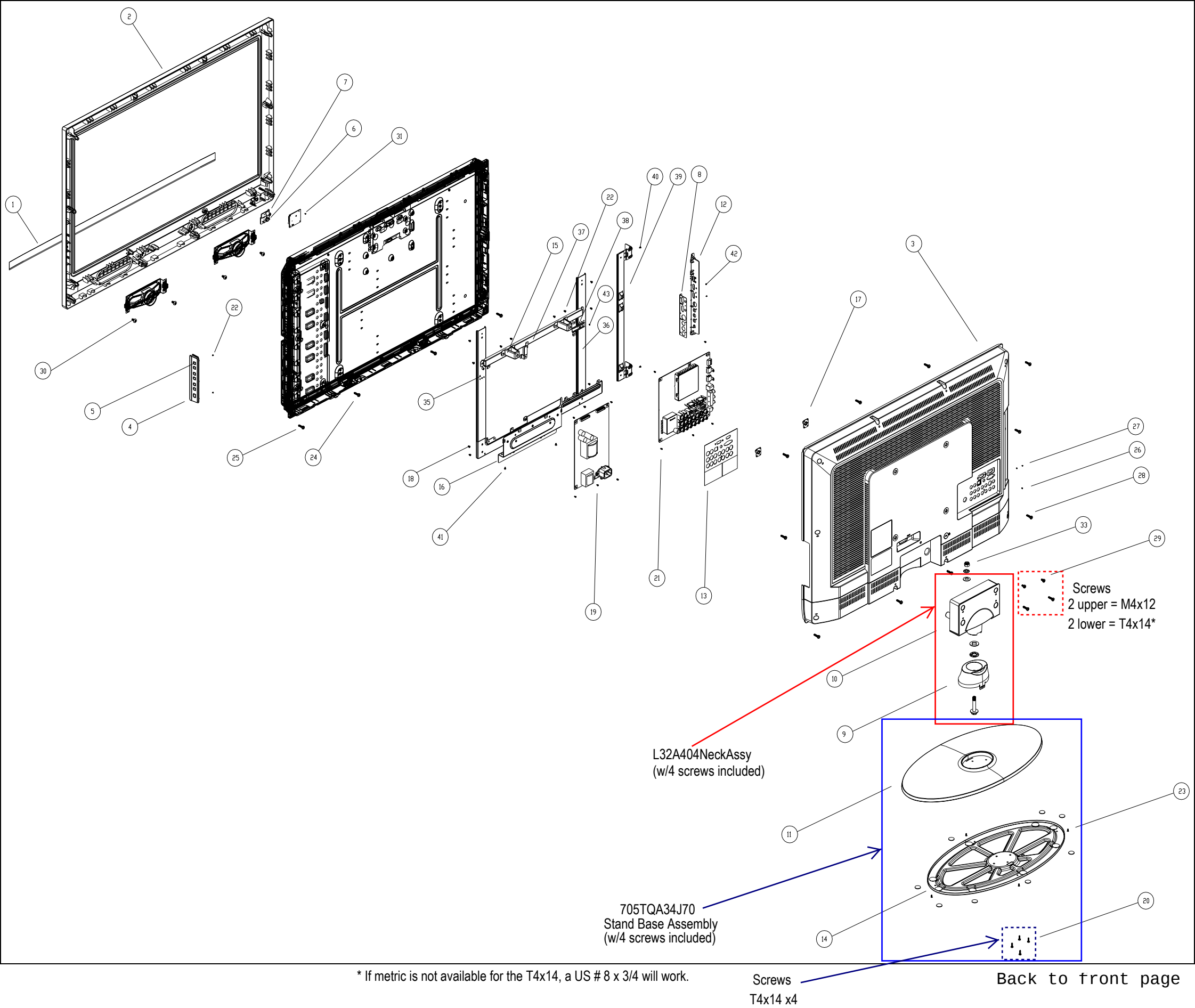


IR Board
715G3482 1



Exploded View

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No.	Part No.	Description	Qty
1	Q36G8372	SPEAKER MESH	1
2	A34T1236GMA1L0130	BEZEL	1
3	A34T0974GM3A0130	REAR COVER	1
4	A33T0536GMB1L0100	KEY COVER	1
5	A33T0537GM1L0100	KEY PAD	1
6	A33T0590ED1C0130	LENS_IR	1
7	A33T056511C0100	LENS_POWER	1
8	A85T0158101	SHIELD COVER SIDE	1
9	A34F0976GM1L	BOTTOM-PLASTIC	1
10	034F09751101A	TOP-PLASTIC	1
11	A34T1237GM1L0120	BASE	1
12	A33T0534GM1A0129	IO SIDE COVER	1
13	A85T0138101	SHIELD COVER MAIN	1
14	A15T0550201	BKT-BASE	1
15	Q15T0764101	VESA-TOP	2
16	A15T0549101	PANEL-SUPPORT-BKT	1
17	A15T0282201	BKT-VESA-BTM	2
18	0D1G9406120	SCREW(BKT)	13
19	0M1G17308125	SCREW(POWER BOARD)	6
20	0Q1G9401247CR3	SCREW(STAND/BASE)	4
21	0M1G17308125	SCREW(MAIN BOARD)	6
22	0Q1G9306120	SCREW(KEY PAD/KEY COVER)	2
23	0Q1G130847CR3	SCREW(BASE/BKT-BASE)	4
24	0Q1G9401247CR3	SCREW(PANEL/BEZEL)	2
25	Q01G60701	SCREW(PANEL/BEZEL)	2
26	0Q1G930847CR3	SCREW(RCA/REAR COVER)	1
27	0D1G930847CR3	SCREW(HDMI/REAR COVER)	2
28	0Q1G9401647CR3	SCREW(REAR COVER/BEZEL/TOP-PLASTIC)	12
29	0M1G9401247CR3	SCREW(REAR COVER/TOP-PLASTIC)	2
30	Q01G60701	SCREW(SPEAKER)	4
31	0Q1G10308120	SCREW(IR BOARD)	1
33	002F70151	NUT	1
35	A15T0553101	PANEL-SUPPORT-BKT	1
36	A15T0553201	PANEL-SUPPORT-BKT	1
37	Q15T0774101	PCB-BKT_PWB-T	1
38	A15T0554101	BKT-PCB-MB	1
39	A15T0551401	PANEL-SUPPORT-BKT-SIDE	1
40	0M1G3406120	SCREW(PANEL/BKT)	3
41	0M1G174010120	SCREW(PANEL/BKT)	2
42	0M1G330647CR3	SCREW(SIDE COVER/MAIN BOARD)	2
43	0M1G17306120	SCREW(BKT)	1

L32A404

Parts List

Note: The parts information listed below are for reference only, and are subject to change without notice.

Assembly Parts list for L32A404

Location	Part No.	Description
	052G11851	BIG TAPE(Y1200141)
	052G1186	SMALL TAPE
	052G1209A	200MINIUM TAPE
	052G1211A	CONDUCTIVE TAPE 55MM *45MM *0.08MM
	052G2191A	PAPER TAPE
	089T702A18NBL	POWER CORD 1870MM
	092GB1TX1A23GA	HITACHI-ASSIGNED BATTERY 1.5V R6P
ECN606	095G80134D645	HARNESS 4P(PLUG)-B&R(550MM)+B&W(350MM)
ECN701	095G801312X65	HARNESS 12P-12P 300MM
ECN903	095G801414XH63	HARNESS 14P(PH)-13P(2008) 290MM
ECN404	095G80183XH74	LVDS CABLE 30P-24P 450MM
	098GRABD1NEHTM	HITACHI-ASSIGNED REMOTE CONTROL
	0D1G930847CR3	SCREW
	0D1G9406120	SCREW
	0M1G3406120	SCREW M4X6
	0M1G9401247CR3	SCREW
	0M1G9601047CR3	SCREW
	0M1G17308125	SCREW
	0M1G174010120	SCREW 42A9940008
	0Q1G930847CR3	SCREW
	0Q1G9401247CR3	SCREW
	0Q1G9401647CR3	SCREW
	705TQ949001	COMSUPTIVE ASS'Y-A4
see pg 41	750TVU315W4111N000	PANEL T315XW04 V1 TW AUO
see pg 41	756TQACBZK01600	MAIN BOARD-CBPFAZ7KQ4
U208	056G1133918	IC AT24C02BN-SH-T 8-SOIC
U404	056T1133935	IC MX25L3205DMI-12G SOP-16
SMTF-U404	100TJZAK002KT1	MCU ASS'Y-056T1133935
SMTF-U208	100TJZAKV02KTE	MCU ASS'Y-056G1133918
	A15T0549101	32TV-PANEL-SUPPORT-BKT
	A15T0551401	32TV-PANEL-SUPPORT-BKT-SIDE
	ADTV92420QAE	POWER BOARD
	040G45762412B	CBPC LABEL
	009G60051GP	GROUND TERMINAL
	0Q1G3408106CR3	SCREW
	Q09G2038	PIN
	0M1G17308120	SCREW
	Q90G00011	HEAT SINK
	0M1G17308120	SCREW
	Q90G60843	HEAT SINK
	0M1G17308120	SCREW
	Q90G60843	HEAT SINK
	090G62731	HEAT SINK
	0M1G173010120	SCREW 42A9930016
	0M1G17308120	SCREW
	Q90G60843	HEAT SINK
	0M1G17308120	SCREW
	Q90G60843	HEAT SINK

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	090G62531	HEATSINK
	0M1G17308120	SCREW
	0M1G17308120	SCREW
	Q90G60843	HEAT SINK
	Q51G64509	GLUE_RTV
	040G45762412B	CBPC LABEL
	090G62501GP	HEAT SINK FOR U411
	A85T0138101	SHIELD COVER MAIN
	A85T0139101	SHIELD COVER TOP
	Q90T01731	HEAT SINK FOR U401
	Q90T61195	HEATSINK FOR U602
	Q01G60701	SCREW
	Q11G50372	WIRE CLAMP
	Q11G50611	PCB SUPPORT
	Q11T50051	WIRE SADDLE
	Q36G600317	NONWOVEN FABRIC
	Q40G32077915A	RATING LABEL
	Q40G00017791A	SHIPPING LABEL
	Q40G000277923A	POP LABEL FOR L32A404
	Q40G201032103	I/O LABEL
	Q44GJ038101	EPS
	Q44GJ038201	EPS
	Q44GJ038301	EPS
	Q44GJ038401	EPS
	Q44GJ038501EPE	EPE
	Q44GJ0387794A	CARTON
	Q45G775	PE PACKING (Y1900241)
	Q45G9960961HC	EPE
	Q45T9960979	EPE COVER FOR BASE
	Q50G410	TIE (Y1900221)
	Q50T500523	CABLE TIE
	Q52G1150523	TAPE_INSULATING
	Q52G1211824	AL TAPE
	Q52G602515264	MYLAR
	Q52G602515276	MYLAR
	Q85G5832002B	EMI PAD
	0Q1G9401247CR3	SCREW
	Q41G32MV7793A	L32A404 MANUAL
	Q41G78DV7793A	THANKSNOTE
	Q41G78SV7799A	EGG FOR L32A404
	Q45G7628NV2R	PE BAG FOR BASE SCREW SZ02742
	Q45G2010M0101A	PE BAG FOR MANUAL
	040G58162435A	P/N LABEL FOR MANUAL PE BAG
	Q40G00016542A	S/N LABEL
	Q40G581C62435A	S/N LABEL
	085T5831231GP	GASKET_ELECTRIC
	0M1G330647CR3	SCREW 42-D005390
	A33T0534GM1A0129	IO SIDE COVER
	A85T0158101	SHIELD COVER SIDE
	Q36T600371	NONWOVEN FABRIC
	Q40G000277911A	SIDE LABEL
SP01	078G01506Y	SPEAKER 6 OHM 15W 160X42MM
ECN403	095G801410X609	HARNESS 10P-5P(650)+4P(700)
	0M1G17306120	SCREW,42-D020523

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	0Q1G130847CR3	SCREW
	0Q1G9306120	SCREW 3X6MM
	0Q1G10308120	SCREW
	A15T0282201	BKT-VESA-BTM
	A15T0550201	32TV-BKT-BASE-3
	A15T0553101	32TV-PANEL-SUPPORT-BKT
	A15T0553201	32TV-PANEL-SUPPORT-BKT
	A15T0554101	32TV-BKT-PCB-MB
	A33T0536GMB1L0100	KEY COVER 32
	A33T0537GM1L0100	KEY PAD
	A33T056511C0100	LENS_POWER
	A33T0590ED1C0130	LENS_IR
	A34T0974GM3A0130	REAR COVER
	A34T1236GMA1L0130	BEZEL TV32W-9ANS1-3
	A34T1237GM1L0120	BASE
	IRPFAQC8	IR BOARD
	KEPF9AA2	KEY BOARD
	Q01G60701	SCREW
	Q05G70041	WASHER
	Q15T0764101	32TV-VESA-TOP
	Q15T0774101	32TV-PCB-BKT_PWB-T
	Q16G0001106	EVA WASHER
	Q36G8372	SPEAKER MESH
	Q36T60018113	CLOTH_GRIDDING
	Q36T60018114	CLOTH_GRIDDING
	Q36T6003719GP	NONWOVEN FABRIC
	Q36T600401	NONWOVEN FABRIC
M037	Q37T0134011	HINGE
	Q40G000277922A	LICENSE LOGO LABEL FOR L32A404
	Q44T32312127	EVA WASHER
	Q44T32312128	EVA WASHER
M037	SQ37T0134011	HINGE ASS'Y
	028F0845110	SHAFT
	034F09751101A	TOP-PLASTIC
	A34F0976GM1L	BOTTOM-PLASTIC
	002F70151	NUT
	004F081510T00	WASHER
	004F180820M00	WASHER
	004F180810400	WASHER
	004F180810401	WASHER
	004F122515M00	WASHER

L32A404

Parts List

Customer Model	L32A404	
TPV Model	E32AAZNKFWHTNN	
Location	Part No.	Description
PANEL	750TVU315X4122N	PANEL T315XW04 V1 TW AUO
MAIN BOARD		
Location	Part No.	Description
WHOLE-ASSEMBLY	756TQACBZK01601	MAIN BOARD-CBPFAZ7KQ4
CAPACITOR		
C201	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C203	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C205	065G060310332K3	CAP CHIP 0603 10N 50V X7R +/-10%
C206	065G060322232KY	CAP CHIP 0603 2N2 50V X7R +/-10%
C207	065G060310332K3	CAP CHIP 0603 10N 50V X7R +/-10%
C208	065G060310232KY	CAP CHIP 0603 1N 50V X7R +/-10%
C210	065G060382031JY	CAP CHIP 0603 82PF J 50V NPO
C211	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C212	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C213	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C214	065G060310232KY	CAP CHIP 0603 1N 50V X7R +/-10%
C215	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C218	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C221	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C222	065G060322422K3	CAP CHIP 0603 220N 25V X7R +/-10%
C223	065G060322422K3	CAP CHIP 0603 220N 25V X7R +/-10%
C230	065G060322422K3	CAP CHIP 0603 220N 25V X7R +/-10%
C231	065G060322422K3	CAP CHIP 0603 220N 25V X7R +/-10%
C236	065G060322422K3	CAP CHIP 0603 220N 25V X7R +/-10%
C237	065G060322422K3	CAP CHIP 0603 220N 25V X7R +/-10%
C238	065G060322422K3	CAP CHIP 0603 220N 25V X7R +/-10%
C239	065G060310232KY	CAP CHIP 0603 1N 50V X7R +/-10%
C240	065G060322422K3	CAP CHIP 0603 220N 25V X7R +/-10%
C241	065G060322422K3	CAP CHIP 0603 220N 25V X7R +/-10%
C242	065G060322422K3	CAP CHIP 0603 220N 25V X7R +/-10%
C243	065G060310232KY	CAP CHIP 0603 1N 50V X7R +/-10%
C244	065G060322422K3	CAP CHIP 0603 220N 25V X7R +/-10%
C245	065G060322422K3	CAP CHIP 0603 220N 25V X7R +/-10%
C246	065G060322422K3	CAP CHIP 0603 220N 25V X7R +/-10%
C247	065G060310332K3	CAP CHIP 0603 10N 50V X7R +/-10%
C248	065G060310131JF	CAP CHIP 0603 100PF J 50V NPO
C249	065G060310131JF	CAP CHIP 0603 100PF J 50V NPO
C250	065G0805475A2KM	MLCC 0805 CAP 4.7UF 10V X7R
C251	065G060347412KY	CAP CHIP 0603 0.47UF K 16V X7R
C252	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C255	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C256	065G060322422K3	CAP CHIP 0603 220N 25V X7R +/-10%
C258	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C260	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C261	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C262	065G060322232KY	CAP CHIP 0603 2N2 50V X7R +/-10%
C265	065G060322232KY	CAP CHIP 0603 2N2 50V X7R +/-10%
C266	065G060322232KY	CAP CHIP 0603 2N2 50V X7R +/-10%

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C267	065G060310512KA	CAP CHIP 0603 1UF K 16V X7R
C268	065G060322031JY	CAP CHIP 0603 22P 50V NPO +/-5%
C269	065G060322031JY	CAP CHIP 0603 22P 50V NPO +/-5%
C401	065G060310332K3	CAP CHIP 0603 10N 50V X7R +/-10%
C402	065G060310332K3	CAP CHIP 0603 10N 50V X7R +/-10%
C403	065G060310332K3	CAP CHIP 0603 10N 50V X7R +/-10%
C404	065G060322422K3	CAP CHIP 0603 220N 25V X7R +/-10%
C405	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C406	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C407	065G060310512KA	CAP CHIP 0603 1UF K 16V X7R
C408	065G060330031JY	CAP CHIP 0603 30PF J 50V NPO
C409	065G060330031JY	CAP CHIP 0603 30PF J 50V NPO
C410	065G120647522KT	CAP CHIP 1206 4.7UF K 25V X7R
C411	065G120647522KT	CAP CHIP 1206 4.7UF K 25V X7R
C412	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C413	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C414	065G080510606KM	MLCC 0805 CAP 10UF 6.3V X6S
C415	065G060310512KA	CAP CHIP 0603 1UF K 16V X7R
C416	065G060310332K3	CAP CHIP 0603 10N 50V X7R +/-10%
C417	065G060310232KY	CAP CHIP 0603 1N 50V X7R +/-10%
C418	065G080510606KM	MLCC 0805 CAP 10UF 6.3V X6S
C419	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C420	065G0805475A2KM	MLCC 0805 CAP 4.7UF 10V X7R
C421	065G060310512KA	CAP CHIP 0603 1UF K 16V X7R
C422	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C423	065G060310512KA	CAP CHIP 0603 1UF K 16V X7R
C424	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C425	065G0805475A2KM	MLCC 0805 CAP 4.7UF 10V X7R
C426	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C427	065G060310232KY	CAP CHIP 0603 1N 50V X7R +/-10%
C428	065G0805475A2KM	MLCC 0805 CAP 4.7UF 10V X7R
C429	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C430	067G3051014CT	EC 100UF 25V KM 6.3X11MM
C431	065G060310512KA	CAP CHIP 0603 1UF K 16V X7R
C432	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C433	065G060310332K3	CAP CHIP 0603 10N 50V X7R +/-10%
C434	065G0805475A2KM	MLCC 0805 CAP 4.7UF 10V X7R
C435	065G060310512KA	CAP CHIP 0603 1UF K 16V X7R
C436	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C437	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C438	065G060322031JY	CAP CHIP 0603 22P 50V NPO +/-5%
C439	065G060310512KA	CAP CHIP 0603 1UF K 16V X7R
C440	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C441	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C442	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C443	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C444	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C445	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C446	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C447	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C448	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C449	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C450	065G060310512KA	CAP CHIP 0603 1UF K 16V X7R
C451	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R

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C462	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C463	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C464	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C465	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C466	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C467	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C468	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C469	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C470	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C471	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C472	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C473	065G060310512KA	CAP CHIP 0603 1UF K 16V X7R
C474	065G120610612K3	CHIP 10UF 16V X7R 10%
C476	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C477	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C478	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C479	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C480	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C481	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C482	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C483	065G060310512KA	CAP CHIP 0603 1UF K 16V X7R
C484	065G120610612K3	CHIP 10UF 16V X7R 10%
C486	067G3052207XT	105°C 22UF +/-20% 50V
C487	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C488	065G060310232KY	CAP CHIP 0603 1N 50V X7R +/-10%
C489	065G060310332K3	CAP CHIP 0603 10N 50V X7R +/-10%
C490	065G060310512KA	CAP CHIP 0603 1UF K 16V X7R
C491	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C492	065G060310512KA	CAP CHIP 0603 1UF K 16V X7R
C493	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C494	065G060310332K3	CAP CHIP 0603 10N 50V X7R +/-10%
C495	065G060310232KY	CAP CHIP 0603 1N 50V X7R +/-10%
C496	065G0402474A5KT	CAP CHIP 0402 0.47UF 10V K X5R
C497	065G060310512KA	CAP CHIP 0603 1UF K 16V X7R
C498	065G0402474A5KT	CAP CHIP 0402 0.47UF 10V K X5R
C499	065G060310512KA	CAP CHIP 0603 1UF K 16V X7R
C4A1	065G0402474A5KT	CAP CHIP 0402 0.47UF 10V K X5R
C4A2	065G060310512KA	CAP CHIP 0603 1UF K 16V X7R
C4A3	065G060310512KA	CAP CHIP 0603 1UF K 16V X7R
C4A4	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C4A5	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C4A6	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C4A7	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C4A8	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C4A9	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C4B1	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C4B2	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C4B3	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C4B4	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C4B5	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C4B6	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C4B7	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C4B8	065G060347412KY	CAP CHIP 0603 0.47UF K 16V X7R
C4B9	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R

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C4C1	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C4C2	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C4C3	065G060310512KA	CAP CHIP 0603 1UF K 16V X7R
C4C4	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C4C5	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C4C6	065G060310512KA	CAP CHIP 0603 1UF K 16V X7R
C4C7	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C4C8	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C4C9	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C4D1	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C4D2	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C4D3	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C4D4	065G040210412KY	CAP CHIP 0402 100N 16V X7R +/-10%
C4D5	065G060310232KY	CAP CHIP 0603 1N 50V X7R +/-10%
C4D6	065G060310512KA	CAP CHIP 0603 1UF K 16V X7R
C4D7	065G060310512KA	CAP CHIP 0603 1UF K 16V X7R
C4D8	065G120610612K3	CHIP 10UF 16V X7R 10%
C4E1	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C4E2	065G060310332K3	CAP CHIP 0603 10N 50V X7R +/-10%
C4E4	065G060310332K3	CAP CHIP 0603 10N 50V X7R +/-10%
C4E5	065G080510606KM	MLCC 0805 CAP 10UF 6.3V X6S
C4E6	065G060310332K3	CAP CHIP 0603 10N 50V X7R +/-10%
C4E7	065G060310332K3	CAP CHIP 0603 10N 50V X7R +/-10%
C4E8	065G060310232KY	CAP CHIP 0603 1N 50V X7R +/-10%
C4E9	065G120610612K3	CHIP 10UF 16V X7R 10%
C4F2	065G060310232KY	CAP CHIP 0603 1N 50V X7R +/-10%
C4F3	065G060310232KY	CAP CHIP 0603 1N 50V X7R +/-10%
C4F4	065G060310232KY	CAP CHIP 0603 1N 50V X7R +/-10%
C4F5	065G060310232KY	CAP CHIP 0603 1N 50V X7R +/-10%
C4F6	065G060310232KY	CAP CHIP 0603 1N 50V X7R +/-10%
C4F8	065G060310332K3	CAP CHIP 0603 10N 50V X7R +/-10%
C4G3	065G060310332K3	CAP CHIP 0603 10N 50V X7R +/-10%
C4G4	065G060310332K3	CAP CHIP 0603 10N 50V X7R +/-10%
C4G5	065G060310332K3	CAP CHIP 0603 10N 50V X7R +/-10%
C501	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C502	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C503	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C504	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C505	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C506	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C507	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C508	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C509	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C510	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C511	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C512	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C513	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C514	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C515	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C516	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C517	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C518	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C519	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C520	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R

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C521	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C601	065G080522522KY	CAP CHIP 0805 2.2UF K 25V X7R
C602	065G080522522KY	CAP CHIP 0805 2.2UF K 25V X7R
C603	065G080522522KY	CAP CHIP 0805 2.2UF K 25V X7R
C604	065G060310131JF	CAP CHIP 0603 100PF J 50V NPO
C605	065G060310131JF	CAP CHIP 0603 100PF J 50V NPO
C606	065G080522522KY	CAP CHIP 0805 2.2UF K 25V X7R
C607	065G080522522KY	CAP CHIP 0805 2.2UF K 25V X7R
C608	065G080522522KY	CAP CHIP 0805 2.2UF K 25V X7R
C609	065G080522522KY	CAP CHIP 0805 2.2UF K 25V X7R
C610	065G080522522KY	CAP CHIP 0805 2.2UF K 25V X7R
C611	065G080522522KY	CAP CHIP 0805 2.2UF K 25V X7R
C612	065G080522522KY	CAP CHIP 0805 2.2UF K 25V X7R
C613	065G060310131JF	CAP CHIP 0603 100PF J 50V NPO
C614	065G060310131JF	CAP CHIP 0603 100PF J 50V NPO
C615	065G060310131JF	CAP CHIP 0603 100PF J 50V NPO
C616	065G060310131JF	CAP CHIP 0603 100PF J 50V NPO
C617	065G060310131JF	CAP CHIP 0603 100PF J 50V NPO
C618	065G060310131JF	CAP CHIP 0603 100PF J 50V NPO
C619	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C620	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C621	065G080522522KY	CAP CHIP 0805 2.2UF K 25V X7R
C622	065G060356131JA	CAP CHIP 0603 560PF J 50V NPO
C623	065G120610615K3	CHIP 10UF 16V X5R 10%
C624	065G120610615K3	CHIP 10UF 16V X5R 10%
C625	065G120610615K3	CHIP 10UF 16V X5R 10%
C626	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C627	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C628	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C629	067G215V4716N	CAP 105°C 470UF M 35V
C630	065G080510537Z3	CAP CHIP 0805 1U 50V Y5V -20%+80%
C631	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C633	065G080510537Z3	CAP CHIP 0805 1U 50V Y5V -20%+80%
C634	067G215V4716N	CAP 105°C 470UF M 35V
C635	065G080510537Z3	CAP CHIP 0805 1U 50V Y5V -20%+80%
C636	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C637	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C638	067G215V1026N	EC 1000UF 35V KY35VB1000M-CC3 12.5*25MM
C640	065G080510537Z3	CAP CHIP 0805 1U 50V Y5V -20%+80%
C641	065G060322422K3	CAP CHIP 0603 220N 25V X7R +/-10%
C642	065G080533332KY	CAP CHIP 0805 33N 50V X7R +/-10%
C644	064G701J2240AT	0.22UF +-5% 63V
C645	065G060310232KY	CAP CHIP 0603 1N 50V X7R +/-10%
C646	065G080533332KY	CAP CHIP 0805 33N 50V X7R +/-10%
C648	065G080510537Z3	CAP CHIP 0805 1U 50V Y5V -20%+80%
C649	065G060322422K3	CAP CHIP 0603 220N 25V X7R +/-10%
C650	065G080510537Z3	CAP CHIP 0805 1U 50V Y5V -20%+80%
C651	065G080510537Z3	CAP CHIP 0805 1U 50V Y5V -20%+80%
C652	067G215V1026N	EC 1000UF 35V KY35VB1000M-CC3 12.5*25MM
C654	064G701J2240AT	0.22UF +-5% 63V
C655	065G060310232KY	CAP CHIP 0603 1N 50V X7R +/-10%
C656	067G215V4716N	CAP 105°C 470UF M 35V
C657	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C661	067G3054712CT	EC 470UF 10V KM 8*11.5MM

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C662	065G060310512KA	CAP CHIP 0603 1UF K 16V X7R
C663	065G060310512KA	CAP CHIP 0603 1UF K 16V X7R
C664	065G120647522K3	CAP CHIP 4.7UF 25V X7R 1206
C665	067G3054712CT	EC 470UF 10V KM 8*11.5MM
C666	067G3054712CT	EC 470UF 10V KM 8*11.5MM
C667	065G060310131JF	CAP CHIP 0603 100PF J 50V NPO
C668	065G060310131JF	CAP CHIP 0603 100PF J 50V NPO
C670	065G060310512KA	CAP CHIP 0603 1UF K 16V X7R
C671	067G3051014T	100UF +-20% 25V
C672	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C675	067G3051014T	100UF +-20% 25V
C676	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C677	065G080522522KY	CAP CHIP 0805 2.2UF K 25V X7R
C678	065G080522522KY	CAP CHIP 0805 2.2UF K 25V X7R
C679	067G3051007PT	CAP 105°C 10UF M 50V
C680	067G3051007PT	CAP 105°C 10UF M 50V
C681	065G060333132	CHIP 330PF 50V X7R
C682	065G060333132	CHIP 330PF 50V X7R
C683	065G060347132KY	CAP CHIP 0603 470PF K 50V X7R
C684	065G060347132KY	CAP CHIP 0603 470PF K 50V X7R
C685	067G3051014T	100UF +-20% 25V
C686	065G080522522KY	CAP CHIP 0805 2.2UF K 25V X7R
C701	067G3051014CT	EC 100UF 25V KM 6.3X11MM
C702	067G215H2213CT	EC 220UF 16V SY 8X7MM
C704	067G215Y2212KT	LOW ESR EC 220UF 10V 6.3*11MM
C705	065G060333131JY	CAP CHIP 0603 330P 50V NPO +/-5%
C706	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C707	065G060310131JF	CAP CHIP 0603 100PF J 50V NPO
C708	065G060310332K3	CAP CHIP 0603 10N 50V X7R +/-10%
C709	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C710	065G060310232KY	CAP CHIP 0603 1N 50V X7R +/-10%
C711	067G215V2214N	KY25VB220-M-CC3 8*11.5MM
C713	067G215Y1013KT	LOW ESR EC 100UF 16V 6.3*11MM
C717	065G060310332K3	CAP CHIP 0603 10N 50V X7R +/-10%
C718	065G060310512KA	CAP CHIP 0603 1UF K 16V X7R
C719	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C720	065G060310232KY	CAP CHIP 0603 1N 50V X7R +/-10%
C721	067G305V2216	105°C 220UF M 35V
C722	065G060310332K3	CAP CHIP 0603 10N 50V X7R +/-10%
C723	065G0805475A2KY	CAP CHIP 0805 4.7UF K 10V X7R
C724	065G060310332K3	CAP CHIP 0603 10N 50V X7R +/-10%
C725	067G4152214KT	EC 220UF 25V M 8*12MM
C726	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C727	065G060310512KA	CAP CHIP 0603 1UF K 16V X7R
C728	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C729	065G060310232KY	CAP CHIP 0603 1N 50V X7R +/-10%
C730	067G215D4713KT	/105°C EC 470UF M 16V KINGNICH
C731	065G060310512KA	CAP CHIP 0603 1UF K 16V X7R
C732	067G4152214KT	EC 220UF 25V M 8*12MM
C733	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C735	065G040210232KY	CAP CHIP 0402 1N 50V X7R +/-10%
C736	067G3052212T	105C RADIALE-CAPACTOR 220UF 10V
C738	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C739	065G1206226A5KT	CAP CHIP1206 22UF K 10V X5R

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C740	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C741	065G060310512KA	CAP CHIP 0603 1UF K 16V X7R
C742	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C743	067G215Y1013KT	LOW ESR EC 100UF 16V 6.3*11MM
C744	065G1206226A5KT	CAP CHIP1206 22UF K 10V X5R
C745	067G3051014T	100UF +-20% 25V
C746	065G060347412KY	CAP CHIP 0603 0.47UF K 16V X7R
C747	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C749	067G215V2214N	KY25VB220-M-CC3 8*11.5MM
C750	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C759	065G0805475A2KY	CAP CHIP 0805 4.7UF K 10V X7R
C761	065G060310332K3	CAP CHIP 0603 10N 50V X7R +/-10%
C762	065G1206226A5KT	CAP CHIP1206 22UF K 10V X5R
C763	067G2152214NT	KY25VB220M-TP5 8*11.5
C765	065G040210232KY	CAP CHIP 0402 1N 50V X7R +/-10%
C767	065G060310432KF	CAP CHIP 0603 0.1UF K 50V X7R
C768	065G080510615KT	CHIP 10UF 16V X5R 0805
C769	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C771	065G060310232KY	CAP CHIP 0603 1N 50V X7R +/-10%
C772	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
C773	065G060333131JY	CAP CHIP 0603 330P 50V NPO +/-5%
C774	065G060310432KY	CAP CHIP 0603 0.1UF K 50V X7R
RESISTOR		
R203	061G0603222JY	RST CHIPR 2.2KOHM 1/10W YAGEO
R204	061G0603222JY	RST CHIPR 2.2KOHM 1/10W YAGEO
R205	061G0603101JF	RST CHIPR 100 OHM +-5% 1/10W FENGHUA
R206	061G0603101JF	RST CHIPR 100 OHM +-5% 1/10W FENGHUA
R207	061G0603392JY	RST CHIPR 3.9KOHM 5% 1/10W YAGEO
R208	061G0603330JY	RST CHIPR 33 OHM 1/10W YAGEO
R209	061G0603472JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA
R211	061G0603202JF	RST CHIPR 2K OHM +-5% 1/10W FENGHUA
R216	061G06037509F	RST CHIPR 75 OHM +-1% 1/10W
R217	061G06037509F	RST CHIPR 75 OHM +-1% 1/10W
R219	061G06037509F	RST CHIPR 75 OHM +-1% 1/10W
R220	061G06037509F	RST CHIPR 75 OHM +-1% 1/10W
R221	061G06037509F	RST CHIPR 75 OHM +-1% 1/10W
R222	061G06037509F	RST CHIPR 75 OHM +-1% 1/10W
R231	061G06037509F	RST CHIPR 75 OHM +-1% 1/10W
R232	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R234	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R236	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R237	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R238	061G0603623JF	ST CHIPR 62KOHM 5% 1/10W FENGHUA
R242	061G06037509F	RST CHIPR 75 OHM +-1% 1/10W
R243	061G06037509F	RST CHIPR 75 OHM +-1% 1/10W
R244	061G06037509F	RST CHIPR 75 OHM +-1% 1/10W
R248	061G06037509F	RST CHIPR 75 OHM +-1% 1/10W
R249	061G06037509F	RST CHIPR 75 OHM +-1% 1/10W
R250	061G06037509F	RST CHIPR 75 OHM +-1% 1/10W
R251	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R252	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R253	061G0603221JF	ST CHIPR 220 OHM +-5% 1/10W FENGHUA
R254	061G0603221JF	ST CHIPR 220 OHM +-5% 1/10W FENGHUA
R256	061G0603101JF	RST CHIPR 100 OHM +-5% 1/10W FENGHUA

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R258	061G0603102JY	RST CHIPR 1KOHM +-5% 1/10W YAGEO
R260	061G0603102JY	RST CHIPR 1KOHM +-5% 1/10W YAGEO
R261	061G06037509F	RST CHIPR 75 OHM +-1% 1/10W
R262	061G06037509F	RST CHIPR 75 OHM +-1% 1/10W
R263	061G06037509F	RST CHIPR 75 OHM +-1% 1/10W
R264	061G0603101JF	RST CHIPR 100 OHM +-5% 1/10W FENGHUA
R265	061G0603222JY	RST CHIPR 2.2KOHM 1/10W YAGEO
R266	061G0603222JY	RST CHIPR 2.2KOHM 1/10W YAGEO
R268	061G06037509FY	RST CHIPR 75 OHM +-1% 1/10W YAGEO
R269	061G0603330JY	RST CHIPR 33 OHM 1/10W YAGEO
R270	061G0603102JY	RST CHIPR 1KOHM +-5% 1/10W YAGEO
R271	061G0603472JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA
R272	061G0603472JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA
R275	061G0603330JY	RST CHIPR 33 OHM 1/10W YAGEO
R276	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R277	061G0603101JF	RST CHIPR 100 OHM +-5% 1/10W FENGHUA
R278	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R279	061G0603101JF	RST CHIPR 100 OHM +-5% 1/10W FENGHUA
R280	061G06037509FY	RST CHIPR 75 OHM +-1% 1/10W YAGEO
R281	061G06037509F	RST CHIPR 75 OHM +-1% 1/10W
R284	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R285	061G0603220	RST CHIPR 22 OHM +-5% 1/10W
R401	061G0603472JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA
R403	061G0603101JF	RST CHIPR 100 OHM +-5% 1/10W FENGHUA
R404	061G0603102JY	RST CHIPR 1KOHM +-5% 1/10W YAGEO
R405	061G0603472JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA
R406	061G0603102JY	RST CHIPR 1KOHM +-5% 1/10W YAGEO
R407	061G0603102JY	RST CHIPR 1KOHM +-5% 1/10W YAGEO
R409	061G0603472JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA
R410	061G0603330JY	RST CHIPR 33 OHM 1/10W YAGEO
R413	061G0603330JY	RST CHIPR 33 OHM 1/10W YAGEO
R414	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R415	061G0603330JY	RST CHIPR 33 OHM 1/10W YAGEO
R416	061G0603330JY	RST CHIPR 33 OHM 1/10W YAGEO
R417	061G0603330JY	RST CHIPR 33 OHM 1/10W YAGEO
R419	061G0603330JY	RST CHIPR 33 OHM 1/10W YAGEO
R420	061G0603472JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA
R423	061G0603222JY	RST CHIPR 2.2KOHM 1/10W YAGEO
R424	061G0603222JY	RST CHIPR 2.2KOHM 1/10W YAGEO
R425	061G0603222JY	RST CHIPR 2.2KOHM 1/10W YAGEO
R427	061G0603222JY	RST CHIPR 2.2KOHM 1/10W YAGEO
R428	061G0603472JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA
R429	061G0603472JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA
R430	061G0603470JF	RST CHIPR 47OHM +-5% 1/10W FENGHUA
R431	061G0603470JF	RST CHIPR 47OHM +-5% 1/10W FENGHUA
R432	061G0603470JF	RST CHIPR 47OHM +-5% 1/10W FENGHUA
R433	061G0603470JF	RST CHIPR 47OHM +-5% 1/10W FENGHUA
R434	061G0603470JF	RST CHIPR 47OHM +-5% 1/10W FENGHUA
R435	061G0603472JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA
R436	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R437	061G0603101JF	RST CHIPR 100 OHM +-5% 1/10W FENGHUA
R439	061G0603101JF	RST CHIPR 100 OHM +-5% 1/10W FENGHUA
R440	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R441	061G0603105JY	RST CHIP 1M 1/10W 5% YAGEO

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R442	061G06034990F	RST CHIP 499R 1/10W 1%
R443	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R445	061T06036041F	RST CHIPR 6.04 KOHM +-1% 1/10W
R448	061G0603472JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA
R450	061G0603472JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA
R451	061G0603472JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA
R453	061G0603472JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA
R454	061G0603472JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA
R455	061G0603330JY	RST CHIPR 33 OHM 1/10W YAGEO
R457	061G0603330JY	RST CHIPR 33 OHM 1/10W YAGEO
R458	061G0603472JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA
R459	061G0603472JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA
R460	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R461	061G0603330JY	RST CHIPR 33 OHM 1/10W YAGEO
R462	061G0603330JY	RST CHIPR 33 OHM 1/10W YAGEO
R463	061G0603330JY	RST CHIPR 33 OHM 1/10W YAGEO
R466	061G0603000JY	RST CHIPR MAX0R05 1/10W YAGEO
R467	061G0603102JY	RST CHIPR 1KOHM +-5% 1/10W YAGEO
R468	061G0603102JY	RST CHIPR 1KOHM +-5% 1/10W YAGEO
R469	061G0603472JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA
R470	061G06038450F	RST CHIP 845R 1/10W 1%
R471	061G06038450F	RST CHIP 845R 1/10W 1%
R472	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R473	061G0603479JT	RST CHIP 4R7 1/10W 5% TZAI YUAN
R479	061G0603102JY	RST CHIPR 1KOHM +-5% 1/10W YAGEO
R480	061G0603471JY	RST CHIPR 470 OHM 5% 1/10W YAGEO
R481	061G0603471JY	RST CHIPR 470 OHM 5% 1/10W YAGEO
R482	061G0603102JY	RST CHIPR 1KOHM +-5% 1/10W YAGEO
R483	061G0603102JY	RST CHIPR 1KOHM +-5% 1/10W YAGEO
R484	061G0603332JY	RST CHIPR 3.3KOHM +-5% 1/10W YAGEO
R485	061G0603332JY	RST CHIPR 3.3KOHM +-5% 1/10W YAGEO
R486	061G0603513JF	RST CHIPR 51K OHM +-5% 1/10W FENGHUA
R487	061G06031002FT	RST CHIP 10K 1/10W 1%
R488	061G06039101FF	RST CHIPR 9.1KOHM +-1% 1/10W FENGHUA
R489	061G06031000FY	RST CHIPR 100 OHM +-1% 1/10W YAGEO
R490	061G06033901F	RST CHIPR 3.9 KOHM +-1% 1/10W
R491	061G06031000FF	RST CHIPR 100 OHM +-1% 1/10W FENGHUA
R492	061G06031000FY	RST CHIPR 100 OHM +-1% 1/10W YAGEO
R493	061G06031000FY	RST CHIPR 100 OHM +-1% 1/10W YAGEO
R494	061G0603000JY	RST CHIPR MAX0R05 1/10W YAGEO
R495	061G06036049F	RST CHIPR 60.4 OHM +-1% 1/10W
R496	061G06036049F	RST CHIPR 60.4 OHM +-1% 1/10W
R497	061G06031500F	RST CHIPR 150 OHM +-1% 1/10W
R498	061G0603101JF	RST CHIPR 100 OHM +-5% 1/10W FENGHUA
R4A8	061G0603821JF	RST CHIPR 820 OHM +- 5% 1/10W FENGHUA
R4A9	061G0603102JY	RST CHIPR 1KOHM +-5% 1/10W YAGEO
R4B4	061G1206000JF	RST CHIPR MAX0R05 1/4W FENGHUA
R4B5	061G0603473JY	RST CHIPR 47KOHM 1/10W YAGEO
R4B6	061G0603104JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA
R4B7	061G0603102JY	RST CHIPR 1KOHM +-5% 1/10W YAGEO
R4B8	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R4B9	061G0603473JY	RST CHIPR 47KOHM 1/10W YAGEO
R4C2	061G0603000JY	RST CHIPR MAX0R05 1/10W YAGEO
R4C5	061G0603000JY	RST CHIPR MAX0R05 1/10W YAGEO

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R4D5	061G0603104JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA
R4D7	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R502	061G0603103JY	RST CHIPR 10KOHM +-5% 1/10W YAGEO
R503	061G0603103JY	RST CHIPR 10KOHM +-5% 1/10W YAGEO
R504	061G0603273JF	RST CHIPR 27KOHM 5% 1/10W FENGHUA
R507	061G0603000JY	RST CHIPR MAX0R05 1/10W YAGEO
R508	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R509	061G0603472JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA
R510	061G0603821JF	RST CHIPR 820 OHM +- 5% 1/10W FENGHUA
R512	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R513	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R516	061G0603101JF	RST CHIPR 100 OHM +-5% 1/10W FENGHUA
R517	061G0603182JY	RST CHIP 1.8K OHM 1/10W 5%
R518	061G0603182JY	RST CHIP 1.8K OHM 1/10W 5%
R519	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R521	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R522	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R525	061G0603102JY	RST CHIPR 1KOHM +-5% 1/10W YAGEO
R526	061G0603752JF	RST CHIPR 7.5KOHM 5% 1/10W FENGHUA
R527	061G0603752JF	RST CHIPR 7.5KOHM 5% 1/10W FENGHUA
R528	061G0603752JF	RST CHIPR 7.5KOHM 5% 1/10W FENGHUA
R529	061G0603752JF	RST CHIPR 7.5KOHM 5% 1/10W FENGHUA
R530	061G0603472JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA
R531	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R532	061G06033900F	RST CHIPR 390 OHM +-1% 1/10W
R533	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R534	061G0603330JY	RST CHIPR 33 OHM 1/10W YAGEO
R535	061G0603330JY	RST CHIPR 33 OHM 1/10W YAGEO
R536	061G0603102JY	RST CHIPR 1KOHM +-5% 1/10W YAGEO
R537	061G0603102JY	RST CHIPR 1KOHM +-5% 1/10W YAGEO
R538	061G0603472JF	RST CHIPR 4.7KOHM +-5% 1/10W FENGHUA
R540	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R541	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R601	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R602	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R603	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R604	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R606	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R607	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R615	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R616	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R617	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R618	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R619	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R620	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R622	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R623	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R624	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R625	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R626	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R627	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R628	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R629	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R630	061G0603101JF	RST CHIPR 100 OHM +-5% 1/10W FENGHUA

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R634	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R635	061G0603513JF	RST CHIPR 51K OHM +-5% 1/10W FENGHUA
R636	061G0603104JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA
R639	061G0603681JF	RST CHIPR 680OHM +-5% 1/10W FENGHUA
R640	061G0603203JY	RST CHIP 20K 1/10W 5% YAGEO
R642	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R644	061G0603104JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA
R645	061G0603102JY	RST CHIPR 1KOHM +-5% 1/10W YAGEO
R646	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R648	061G0603104JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA
R649	061G152M50864	0.5OHM 5% 2W
R651	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R652	061G1210000	RST CHIP MAX 0R05 1/3W
R654	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R655	061G0603561JY	RST CHIP 560R 1/10W 5% YAGEO
R656	061G1206202JT	RST CHIP R 2KOHM 1/4W +/-5%
R657	061G1210000	RST CHIP MAX 0R05 1/3W
R658	061G0603561JY	RST CHIP 560R 1/10W 5% YAGEO
R660	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R661	061G1206202JT	RST CHIP R 2KOHM 1/4W +/-5%
R671	061G0603000JY	RST CHIPR MAX0R05 1/10W YAGEO
R672	061G0603000JY	RST CHIPR MAX0R05 1/10W YAGEO
R676	061G0603203JY	RST CHIP 20K 1/10W 5% YAGEO
R677	061G0603752JF	RST CHIPR 7.5KOHM 5% 1/10W FENGHUA
R678	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R679	061G0603752JF	RST CHIPR 7.5KOHM 5% 1/10W FENGHUA
R680	061G0603203JY	RST CHIP 20K 1/10W 5% YAGEO
R681	061G0603104JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA
R682	061G0603104JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA
R684	061G0603473JY	RST CHIPR 47KOHM 1/10W YAGEO
R685	061G0603473JY	RST CHIPR 47KOHM 1/10W YAGEO
R686	061G0603104JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA
R687	061G0603105JY	RST CHIP 1M 1/10W 5% YAGEO
R689	061G0603000JY	RST CHIPR MAX0R05 1/10W YAGEO
R690	061G0603000JY	RST CHIPR MAX0R05 1/10W YAGEO
R692	061G0603513JF	RST CHIPR 51K OHM +-5% 1/10W FENGHUA
R693	061G0603101JF	RST CHIPR 100 OHM +-5% 1/10W FENGHUA
R694	061G0603104JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA
R695	061G0603513JF	RST CHIPR 51K OHM +-5% 1/10W FENGHUA
R697	061G0603104JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA
R698	061G0603104JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA
R699	061G0603473JY	RST CHIPR 47KOHM 1/10W YAGEO
R6A1	061G0603473JY	RST CHIPR 47KOHM 1/10W YAGEO
R6A2	061G0603104JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA
R6A3	061G0603221JF	ST CHIPR 220 OHM +-5% 1/10W FENGHUA
R6A4	061G0603221JF	ST CHIPR 220 OHM +-5% 1/10W FENGHUA
R6A7	061G0603473JY	RST CHIPR 47KOHM 1/10W YAGEO
R6A8	061G0603473JY	RST CHIPR 47KOHM 1/10W YAGEO
R6A9	061G0603473JY	RST CHIPR 47KOHM 1/10W YAGEO
R6B1	061G0603104JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA
R6B2	061G0603104JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA
R6B3	061G0603684JF	RST CHIPR 680KOHM 5% 1/10W FENGHUA
R6B4	061G0603473JY	RST CHIPR 47KOHM 1/10W YAGEO
R6B5	061G0603104JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA

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R6B6	061G0603104JF	RST CHIPR 100KOHM 5% 1/10W FENGHUA
R6B7	061G0603684JF	RST CHIPR 680KOHM 5% 1/10W FENGHUA
R6B8	061G0603105JY	RST CHIP 1M 1/10W 5% YAGEO
R701	061G0603101JF	RST CHIPR 100 OHM +-5% 1/10W FENGHUA
R702	061G0603101JF	RST CHIPR 100 OHM +-5% 1/10W FENGHUA
R703	061G0603472JY	RST CHIPR 4.7KOHM +-5% 1/10W YAGEO
R705	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R707	061G0603102JY	RST CHIPR 1KOHM +-5% 1/10W YAGEO
R708	061G0603100JY	RST CHIPR 10OHM 1/10W YAGEO
R709	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R711	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R712	061G06031802FF	RST CHIPR 18KOHM +-1% 1/10W FENGHUA
R713	061G0603223JF	RST CHIPR 22KOHM 5% 1/10W FENGHUA
R714	061G06033902FF	RST CHIPR 39KOHM +-1% 1/10W FENGHUA
R715	061G0603473JY	RST CHIPR 47KOHM 1/10W YAGEO
R716	061G06031000FY	RST CHIPR 100 OHM +-1% 1/10W YAGEO
R717	061G0603333JY	RST CHIPR 33KOHM 1/10W YAGEO
R718	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R719	061G0603561JY	RST CHIP 560R 1/10W 5% YAGEO
R721	061G0603100JY	RST CHIPR 10OHM 1/10W YAGEO
R732	061G0603000JY	RST CHIPR MAX0R05 1/10W YAGEO
R733	061G0603222JY	RST CHIPR 2.2KOHM 1/10W YAGEO
R735	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R736	061G0603182JY	RST CHIP 1.8K OHM 1/10W 5%
R737	061G06032402FY	RST CHIPR 24KOHM +-1% 1/10W YAGEO
R738	061G06032002FY	RST CHIPR 20KOHM +-1% 1/10W YAGEO
R740	061G0603100JT	RST CHIP 10R 1/10W 5% TZAI YUAN
R741	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R742	061G0603150JY	RST CHIPR 15 1/10W YAGEO
R744	061G0805000JY	RST CHIPR MAX 0R05 OHM 1/8W YAGEO
R745	061G0805000JY	RST CHIPR MAX 0R05 OHM 1/8W YAGEO
R746	061G0805000JY	RST CHIPR MAX 0R05 OHM 1/8W YAGEO
R747	061G0805000JY	RST CHIPR MAX 0R05 OHM 1/8W YAGEO
R748	061G06034702FF	RST CHIPR 47KOHM +-1% 1/10W FENGHUA
R749	061G0603000JY	RST CHIPR MAX0R05 1/10W YAGEO
R750	061G06031502FY	RST CHIPR 15KOHM +-1% 1/10W YAGEO

DIODE

D601	093G60S15T	DIODE RB160M-60TE25 SOD-123 ROHM
D602	093G6432P	LL4148
D603	093G6432P	LL4148
D605	093G60S15T	DIODE RB160M-60TE25 SOD-123 ROHM
D606	093G60S15T	DIODE RB160M-60TE25 SOD-123 ROHM
ZD201	093G6437N	VPORT0603100KV05
ZD202	093G6437N	VPORT0603100KV05
ZD203	093G6437N	VPORT0603100KV05
ZD204	093G60230	BAT54C(L43)
ZD207	093G6437N	VPORT0603100KV05
ZD402	093G60230	BAT54C(L43)
ZD501	093G60230	BAT54C(L43)
ZD502	093G6437N	VPORT0603100KV05
ZD503	093G60230	BAT54C(L43)
ZD601	093G6437N	VPORT0603100KV05
ZD602	093G6437N	VPORT0603100KV05
ZD603	093G6437N	VPORT0603100KV05

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ZD604	093G6437N	VPORT0603100KV05
ZD605	093G6437N	VPORT0603100KV05
ZD606	093G6437N	VPORT0603100KV05
ZD607	093G6437N	VPORT0603100KV05
ZD608	093G6437N	VPORT0603100KV05
ZD609	093G6437N	VPORT0603100KV05
ZD610	093G6437N	VPORT0603100KV05
ZD611	093G6437N	VPORT0603100KV05
ZD612	093G6437N	VPORT0603100KV05
TRANSISTOR		
Q402	057G417511	MMBT3904
Q403	057G417512	MMBT3906
Q404	057G76379	FET AO4449 -7A/-30V SOIC-8
Q405	057G417511	MMBT3904
Q501	057G76390	FET 2SK3018 UMT3
Q502	057G76362	FET 2N7002K 300MA/60V SOT-23
Q503	057G76362	FET 2N7002K 300MA/60V SOT-23
Q601	057G417511	MMBT3904
Q602	057G417511	MMBT3904
Q603	057G417511	MMBT3904
Q604	057G417511	MMBT3904
Q606	057G417511	MMBT3904
Q607	057G7651	2SC2412K
Q608	057G417512	MMBT3906
Q609	057G76362	FET 2N7002K 300MA/60V SOT-23
Q610	057G76362	FET 2N7002K 300MA/60V SOT-23
Q611	057G417512	MMBT3906
Q612	057G76362	FET 2N7002K 300MA/60V SOT-23
Q613	057G417511	MMBT3904
Q614	057G76362	FET 2N7002K 300MA/60V SOT-23
Q701	057G417511	MMBT3904
Q702	057G417511	MMBT3904
Q703	057G76379	FET AO4449 -7A/-30V SOIC-8
Q704	057G417511	MMBT3904
COIL & FILTER		
FB201	071G59B601EA	CHIP BEAD 600 OHM
FB203	071G59B601EA	CHIP BEAD 600 OHM
FB204	071G59C300	CHIP BEAD
FB205	071G59C300	CHIP BEAD
FB206	071G59C300	CHIP BEAD
FB209	071G59C300	CHIP BEAD
FB210	061G0603000JY	RST CHIPR MAX0R05 1/10W YAGEO
FB211	061G0603000JY	RST CHIPR MAX0R05 1/10W YAGEO
FB215	071G59C300	CHIP BEAD
FB216	071G59C300	CHIP BEAD
FB217	071G59C300	CHIP BEAD
FB218	071G59C300	CHIP BEAD
FB219	071G59C300	CHIP BEAD
FB220	071G59C300	CHIP BEAD
FB221	071G59C300	CHIP BEAD
FB222	071G59C300	CHIP BEAD
FB223	071G59C300	CHIP BEAD
FB401	071G59L121Y	CHIP BEAD 0603 120OHM+-25% 0.3A
FB403	071G59L121Y	CHIP BEAD 0603 120OHM+-25% 0.3A

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FB404	071G59L121Y	CHIP BEAD 0603 120OHM+-25% 0.3A
FB405	071G59K800M	CHIP BEAD 0603 80OHM 0.7A
FB406	071G59G301	CHIP BEAD 300OHM
FB407	071G59L121Y	CHIP BEAD 0603 120OHM+-25% 0.3A
FB408	071G59L121Y	CHIP BEAD 0603 120OHM+-25% 0.3A
FB409	071G59L121Y	CHIP BEAD 0603 120OHM+-25% 0.3A
FB410	071G59B121	TB160808B
FB411	071G57G301MB	BEAD 1206 300OHM 4A
FB412	071G59L121Y	CHIP BEAD 0603 120OHM+-25% 0.3A
FB413	071G59L121Y	CHIP BEAD 0603 120OHM+-25% 0.3A
FB414	071G59L121Y	CHIP BEAD 0603 120OHM+-25% 0.3A
FB415	071G59L121Y	CHIP BEAD 0603 120OHM+-25% 0.3A
FB417	071G59L121Y	CHIP BEAD 0603 120OHM+-25% 0.3A
FB418	071G59L121Y	CHIP BEAD 0603 120OHM+-25% 0.3A
FB419	071G59G301	CHIP BEAD 300OHM
FB421	071G59G301	CHIP BEAD 300OHM
FB422	071G59G301	CHIP BEAD 300OHM
FB423	071G59B121	TB160808B
FB424	071G59L121Y	CHIP BEAD 0603 120OHM+-25% 0.3A
FB501	071G59L121Y	CHIP BEAD 0603 120OHM+-25% 0.3A
FB502	071G59L121Y	CHIP BEAD 0603 120OHM+-25% 0.3A
FB503	071G59L121Y	CHIP BEAD 0603 120OHM+-25% 0.3A
FB504	071G59L121Y	CHIP BEAD 0603 120OHM+-25% 0.3A
FB505	071G59L121Y	CHIP BEAD 0603 120OHM+-25% 0.3A
FB506	071G59L121Y	CHIP BEAD 0603 120OHM+-25% 0.3A
FB507	071G59L121Y	CHIP BEAD 0603 120OHM+-25% 0.3A
FB601	061G0603000JY	RST CHIPR MAX0R05 1/10W YAGEO
FB602	061G0603000JY	RST CHIPR MAX0R05 1/10W YAGEO
FB603	061G0603000JY	RST CHIPR MAX0R05 1/10W YAGEO
FB604	061G0603000JY	RST CHIPR MAX0R05 1/10W YAGEO
FB605	061G0603000JY	RST CHIPR MAX0R05 1/10W YAGEO
FB606	061G0603000JY	RST CHIPR MAX0R05 1/10W YAGEO
FB607	071G59G301	CHIP BEAD 300OHM
FB608	071G59G301	CHIP BEAD 300OHM
FB611	071G59B121	TB160808B
FB612	071G56G301EA	BEAD 300 OHM
FB612	071G56G301MA	CHIP BEAD 0805 300OHM 4A
FB613	071G56G301EA	BEAD 300 OHM
FB613	071G56G301MA	CHIP BEAD 0805 300OHM 4A
FB614	071G59C300	CHIP BEAD
FB615	071G59C300	CHIP BEAD
FB701	071G59B121	TB160808B
FB702	071G57G301MB	BEAD 1206 300OHM 4A
FB703	071G57G301MB	BEAD 1206 300OHM 4A
L201	073G852285TA	CHIP INDUCTOR 0.22UH 5% 0805
L202	073G851585B	CHIP INDUCTOR 0.15UH 5% 250MA 0805
L203	073G852285TA	CHIP INDUCTOR 0.22UH 5% 0805
L401	073G253S6T	IND SMD CHOKE 90 OHM TDK
L602	073G253158H	CHOKE COIL 22UH+/-25%
L603	073G253158H	CHOKE COIL 22UH+/-25%
L604	071G160833102Y	CHIP BEAD 0603 330 OHM 200MA
L605	071G160833102Y	CHIP BEAD 0603 330 OHM 200MA
L701	073G253S46H	SMD CHOKE 4.7UH
L703	071G32163306Y	CHIP BEAD 1206 33 OHM 6A

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L704	073G253S46H	SMD CHOKE 4.7UH
L705	073G253S46S	SMD CHOKE 4.7UH
L706	073G253S68H	SMD CHOKE 2.2UH 30% 2A
IC		
TU201	094TNTATMA7MA	TUNER NTSC+ATSC ENV56S02D8F
U201	056G66213	IC AZC099-04S SOT23-6L
U203	056G66213	IC AZC099-04S SOT23-6L
U204	056G66213	IC AZC099-04S SOT23-6L
U205	056G662502	C ESD AZC199-04S SOT23-6L
U206	056G662502	C ESD AZC199-04S SOT23-6L
U207	056G4LVCG17TI	IC SN74LVC1G17DBVR STO-23
U208	056G1133918	IC AT24C02BN-SH-T 8-SOIC
U209	056G4LVCG17TI	IC SN74LVC1G17DBVR STO-23
U210	056G4LVCG17TI	IC SN74LVC1G17DBVR STO-23
U211	056G4LVCG17TI	IC SN74LVC1G17DBVR STO-23
U401	056G112683	IC ZR39775HGCFC-BD BGA-632
U404	056T1133935	IC MX25L3205DMI-12G SOP-16
U405	056G1133831	IC M24C64-WMN6P 64K SO-8 ST
U407	056T662902	IC RCLAMP0502B.TCT SC-75 3L
U408	056G5815	IC G545B2RD1U TDFN3X3-8
U409	056G66213	IC AZC099-04S SOT23-6L
U410	056G615919	IC H5PS5162FFR-S6C FBGA84
U412	056G64327	IC G692L293TCUF 2.91V SOT-143
U505	056G63421	IC SII9185ACTU TQFP-80
U510	056G66212	C AZ1045-04SU SOT23-6L
U511	056G66214	IC TPD12S520DBTR TSSOP-38
U601	056G158501	IC AS431AN-E1 SOT23
U602	056T61648	IC TPA3121D2PWPR 15W HTSSOP-24
U604	056T61650	IC TPA6113A2DR 40MW SOIC-8
U605	056G19220	IC TL072CDR SOIC-8
U702	056T56333	AIC1084-18PE
U703	056G56375	G1084-33T43UF TO-252
U704	056G37992	IC G5627F11U SOP-8(FD)
U706	056G379150	IC G5692P11U SOP-8
U707	056G37992	IC G5627F11U SOP-8(FD)
U708	056G56393	IC G9084T43U TO-252
U709	056G58511	IC AZ1117D-5.0-E1 AAC
OTHERS		
CN201	088T7813932C	RCA JACK + S JACK Y/B
CN203	088T7813C19C	RCA JACK 1*3 R/W/Y
CN204	088T781360C	RCA JACK 1*3 G/BL/R V/A
CN204	088T7813A36YG	RCA JACK 1*3 G/BL/R V/A RCA-346D-02
CN205	088T781360C	RCA JACK 1*3 G/BL/R V/A
CN205	088T7813A36YG	RCA JACK 1*3 G/BL/R V/A RCA-346D-02
CN206	088T35315FVC	D-SUB 15PIN VERTICAL CONNECTOR
CN402	088G35221CL	USB CONN TYPE A
CN403	033T380210BY	CONNECTOR
CN405	033G802724	CONN W TO B 12P*2 P*2.0 4504-2
CN501	088G34019AV	HDMI HEADER 19P +SCREW HOLE
CN502	088G34019AV	HDMI HEADER 19P +SCREW HOLE
CN503	088T34021VD	HDMI HEADER 21P V/T
CN504	088T34021VD	HDMI HEADER 21P V/T
CN601	088T781357C	RCA JACK 1*1 W+R V/A
CN601	088T7813A37YG	RCA JACK 1*2 W/R V/A RCA-276D-01

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CN602	088T781357C	RCA JACK 1*1 W+R V/A
CN602	088T7813A37YG	RCA JACK 1*2 W/R V/A RCA-276D-01
CN603	088T781357C	RCA JACK 1*1 W+R V/A
CN603	088T7813A37YG	RCA JACK 1*2 W/R V/A RCA-276D-01
CN604	088T30252C	PHONE JACK 3.5MM 3P V/A GREEN
CN604	088T302A17YG	PHONE JACK 3.5MM 3P V/T GREEN
CN605	088T3595JT	FIBER-OPTIC 3P V/T JST1227
CN606	033T32784D	CONNECTOR
CN607	088G30211K	PHONE JACK 5PIN
CN608	088T781357C	RCA JACK 1*1 W+R V/A
CN608	088T7813A37YG	RCA JACK 1*2 W/R V/A RCA-276D-01
CN701	033T327812D	WAFER 12P PLUG
X401	093G2262BJ	XTL NXS25.000AC20F-KAB5-3 HC-49/US
POWER BOARD		
WHOLE-ASSEMBLY	ADTV92420QAE	POWER BOARD
CAPACITOR		
C901	063G210K105BCN	MPP CAP 1UF 520V P=15MM
C902	065G080547332KA	CAP CHIP 0805 47NF K 50V X7R
C903	065G080533422KY	CAP CHIP 0805 0.33UF K 25V X7R
C904	067G2151007NT	KY50VB10M-TP5 5*11.5
C905	065G080510432KA	CAP CHIP 0805 100NF K 50V X7R
C906	065G080556031JF	CAP CHIP 0805 56PF J 50V NPO
C907	065G080510231JY	CAP CHIP 0805 1N 50V NPO +/-5%
C909	067G215S10115R	105C 100UF M 450V
C910	065G1K1032E6921	CAP CER 10NF K 1KV Y5U
C911	065G1K1032E6921	CAP CER 10NF K 1KV Y5U
C920	063G10747410V	0.47UF 275VAC ARCO
C921	063G10747410V	0.47UF 275VAC ARCO
C922	065G306K3312BM	Y1/CAP 330PF 250VAC MURATA
C923	065G306K3312BM	Y1/CAP 330PF 250VAC MURATA
C924	065G306M1022BP	1000PF Y1.CAP
C925	065G306M1022BP	1000PF Y1.CAP
C926	065G306M1022BP	1000PF Y1.CAP
C950	065G080547432KY	CAP CHIP 0805 470N 50V X7R +/-10%
C951	065G2K2222T6921	CAP CER 2200PF K 2KV Y5P
C952	067G2152207RT	LOW E.S.R 22UF +/-20% 50V
C953	065G080510432KA	CAP CHIP 0805 100NF K 50V X7R
C954	067G215Y1017NT	EC 100UF 50V 8*11.5MM
C955	065G080510231JY	CAP CHIP 0805 1N 50V NPO +/-5%
C956	065G1K2225T6213	CER CAP 2200PF K 1KV TDK
C957	065G1K2225T6213	CER CAP 2200PF K 1KV TDK
C958	067G204V3313R	CS CAP 330UF 16V 10*12.5 MM
C960	067G215V4713N	EC CAP 105C 470UF M 16V NCC
C962	065G080510432KA	CAP CHIP 0805 100NF K 50V X7R
C963	065G080510537Z3	CAP CHIP 0805 1U 50V Y5V -20%+80%
C964	065G080510432KA	CAP CHIP 0805 100NF K 50V X7R
C966	067G2151007NT	KY50VB10M-TP5 5*11.5
C971	065G080510131JF	CAP CHIP 0805 100PF J 50V NPO
C972	065G080510432KA	CAP CHIP 0805 100NF K 50V X7R
C973	065G3J1006ET	10PF,J,3KV,SL
C974	065G080510231JY	CAP CHIP 0805 1N 50V NPO +/-5%
C976	065G080510432KA	CAP CHIP 0805 100NF K 50V X7R
C977	067G2151007NT	KY50VB10M-TP5 5*11.5
C979	065G080510522K3	CAP CHIP 0805 1U 25V X7R +/-10%

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C980	063G211J2735C10	0.027UF 5% 1000V P=15MM
C981	067G215V1026N	EC 1000UF 35V KY35VB1000M-CC3 12.5*25MM
C982	067G215V4716N	CAP 105°C 470UF M 35V
C983	065G080510537Z3	CAP CHIP 0805 1U 50V Y5V -20%+80%
C984	067G215V1024R	LOW E.S.R 1000UF +/-20% 25V
C985	067G2152214RT	LOW E.S.R 220UF +/-20% 25V
C987	065G080510537Z3	CAP CHIP 0805 1U 50V Y5V -20%+80%
C988	065G080510432KA	CAP CHIP 0805 100NF K 50V X7R
C990	067G2154797NT	LOW ESR 4.7UF+-20% 50V BY CHEM
C991	065G080547432KY	CAP CHIP 0805 470N 50V X7R +/-10%
C992	065G080510231JY	CAP CHIP 0805 1N 50V NPO +/-5%
C993	065G1K1012T6921	CAP CER 100PF 1KV K Y5P
C994	065G080510522K3	CAP CHIP 0805 1U 25V X7R +/-10%
C995	065G1K1032E6921	CAP CER 10NF K 1KV Y5U
RESISTOR		
R901	061G1206334JFE	RST CHIP 330K 5% 1/4W 500V FENGHUA
R901	061G1206334JKE	HITACHI-ASSIGN RST CHIP 330K 5% 1/4W
R902	061G1206334JFE	RST CHIP 330K 5% 1/4W 500V FENGHUA
R902	061G1206334JKE	HITACHI-ASSIGN RST CHIP 330K 5% 1/4W
R903	061G1206334JFE	RST CHIP 330K 5% 1/4W 500V FENGHUA
R903	061G1206334JKE	HITACHI-ASSIGN RST CHIP 330K 5% 1/4W
R907	061G0805103JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA
R907	061G0805103JT	RST CHIPR 10K OHM +- 5% 1/8W TZAI YUAN
R908	061G1206153JF	RST CHIPR 15KOHM +-5% 1/4W FENGHUA
R908	061G1206153JT	RST CHIPR 15KOHM +-5% 1/4W TZAI YUAN
R910	061G1206471JT	RST CHIPR 470 OHM 1/4W TZAI YUAN
R910	061G1206471JW	RST CHIPR 470 OHM +-5% 1/4W WALSIN
R911	061G0805479JF	RST CHIPR 4R7 +-5% 1/8W FENGHUA
R911	061G0805479JT	RST CHIPR 4R7 +-5% 1/8W TZAI YUAN
R912	061G0805470JF	RST CHIPR 470OHM +-5% 1/8W FENGHUA
R912	061G0805470JY	RST CHIPR 47R +-5% 1/8W YAGEO
R913	061G0805103JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA
R913	061G0805103JT	RST CHIPR 10K OHM +- 5% 1/8W TZAI YUAN
R914	061T153M10852T	RST MOFR 0.1 OHM +-5% 3WS
R915	061G12066803FFE	RST CHIP 680K 1% 1/4W 500V FENGHUA
R915	061G12066803FKE	HITACHI-ASSIGN RST CHIP 680K 1% 1/4W
R916	061G12066803FFE	RST CHIP 680K 1% 1/4W 500V FENGHUA
R916	061G12066803FKE	HITACHI-ASSIGN RST CHIP 680K 1% 1/4W
R917	061G12066803FFE	RST CHIP 680K 1% 1/4W 500V FENGHUA
R917	061G12066803FKE	HITACHI-ASSIGN RST CHIP 680K 1% 1/4W
R918	061G08051302FF	RST CHIPR 13KOHM +-1% 1/8W FENGHUA
R918	061G08051302FY	RST CHIPR 13KOHM +-1% 1/8W YAGEO
R920	061G0805563JF	RST CHIPR 56KOHM +-5% 1/8W FENGHUA
R920	061G0805563JY	RST CHIPR 56K +-5% 1/8W YAGEO
R921	061G1206204JF	RST CHIPR 200KOHM +-5% 1/4W FENGHUA
R921	061G1206204JT	RST CHIPR 200KOHM +-5% 1/4W TZAI YUAN
R925	061G30310852TGP	FUSE RESISTOR
R926	061G12062004FFE	HITACHI-ASSIGN RST CHIP 2M 1% 1/16W
R926	061G12062004FKE	HITACHI-ASSIGN RST CHIP 2M 1% 1/16W
R927	061G12062004FFE	HITACHI-ASSIGN RST CHIP 2M 1% 1/16W
R927	061G12062004FKE	HITACHI-ASSIGN RST CHIP 2M 1% 1/16W
R928	061G12062004FFE	HITACHI-ASSIGN RST CHIP 2M 1% 1/16W
R928	061G12062004FKE	HITACHI-ASSIGN RST CHIP 2M 1% 1/16W
R929	061G08052702FF	RST CHIPR 27KOHM +-1% 1/8W FENGHUA

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R929	061G08052702FY	RST CHIPR 27KOHM +-1% 1/8W YAGEO
R930	061G0805201JF	RST CHIPR 200OHM +-5% 1/8W FENGHUA
R930	061G0805201JY	RST CHIPR 200R +-5% 1/8W YAGEO
R931	061G0805243JF	RST CHIPR 24KOHM +-5% 1/8W FENGHUA
R931	061G0805243JW	RST CHIPR 24K +-5% 1/8W WALSIN
R932	095G9023	JUMPER WIRE
R933	061G0805681JF	RST CHIPR 680OHM +-5% 1/8W FENGHUA
R933	061G0805681JW	RST CHIPR 680OHM +-5% 1/8W WALSIN
R935	061G0805103JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA
R935	061G0805103JT	RST CHIPR 10K OHM +- 5% 1/8W TZAI YUAN
R936	061G0805470JF	RST CHIPR 47OHM +-5% 1/8W FENGHUA
R936	061G0805470JY	RST CHIPR 47R +-5% 1/8W YAGEO
R937	061G0805470JF	RST CHIPR 47OHM +-5% 1/8W FENGHUA
R937	061G0805470JY	RST CHIPR 47R +-5% 1/8W YAGEO
R938	061G0805103JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA
R938	061G0805103JT	RST CHIPR 10K OHM +- 5% 1/8W TZAI YUAN
R939	061G1206512JT	RST CHIPR 5.1 KOHM 1/4W TZAI YUAN
R939	061G1206512JY	RST CHIPR 5.1 KOHM 1/4W YAGEO
R940	061G1206512JT	RST CHIPR 5.1 KOHM 1/4W TZAI YUAN
R940	061G1206512JY	RST CHIPR 5.1 KOHM 1/4W YAGEO
R941	061G1206332JT	RST CHIPR 3.3 KOHM 1/4W TZAI YUAN
R941	061G1206332JW	RST CHIPR 3.3 KOHM +-5% 1/4W WALSIN
R942	061T17262252T	6.2KPHM 5% 1/4W
R943	061G0805102JF	RST CHIPR 1K OHM +-5% 1/8W FENGHUA
R943	061G0805102JY	RST CHIPR 1K OHM 5% 1/8W YAGEO
R944	061G0805000JF	RST CHIPR 0 OHM +-5% 1/8W FENGHUA
R944	061G0805000JY	RST CHIPR MAX 0R05 OHM 1/8W YAGEO
R945	061G08055102FF	RST CHIPR 51KOHM +-1% 1/8W FENGHUA
R945	061G08055102FT	RST CHIP 51K 1/8W 1%
R946	061G08051961FF	RST CHIPR 1.96KOHM +-1% 1/8W FENGHUA
R946	061G08051961FT	RST CHIP 1K96 1/8W 1%
R949	061G08051152FF	RST CHIPR 11.5KOHM +-1% 1/8W FENGHUA
R949	061G08051152FT	RST CHIPR 11.5KOHM +- 1% 1/8W TZAI YUAN
R950	061G1206155JFE	RST CHIP 1.5M 5% 1/4W 500V FENGHUA
R950	061G1206155JKE	HITACHI-ASSIGN RST CHIP 1.5M 5% 1/4W
R951	061G1206155JFE	RST CHIP 1.5M 5% 1/4W 500V FENGHUA
R951	061G1206155JKE	HITACHI-ASSIGN RST CHIP 1.5M 5% 1/4W
R952	061G1206155JFE	RST CHIP 1.5M 5% 1/4W 500V FENGHUA
R952	061G1206155JKE	HITACHI-ASSIGN RST CHIP 1.5M 5% 1/4W
R953	061G08056203FF	RST CHIPR 620KOHM +-1% 1/8W FENGHUA
R953	061G08056203FY	RST CHIPR 620KOHM +-1% 1/8W YAGEO
R956	061G1206104JF	RST CHIPR 100KOHM +-5% 1/4W FENGHUA
R956	061G1206104JT	RST CHIPR 100KOHM +-5% 1/4W TZAI YUAN
R957	061G1206479JF	RST CHIPR 4.7OHM +-5% 1/4W FENGHUA
R957	061G1206479JT	RST CHIP 4R7 1/4W 5% 215Y1013LT
R958	061T152M12952T	RST MOFR 1.2OHM +-5% 2WS
R959	061G1206470JF	RST CHIPR 47 OHM +-5% 1/4W FENGHUA
R959	061G1206470JY	RST CHIPR 47R +-5% 1/4W YAGEO
R960	061G1206470JF	RST CHIPR 47 OHM +-5% 1/4W FENGHUA
R960	061G1206470JY	RST CHIPR 47R +-5% 1/4W YAGEO
R961	061G1206470JF	RST CHIPR 47 OHM +-5% 1/4W FENGHUA
R961	061G1206470JY	RST CHIPR 47R +-5% 1/4W YAGEO
R962	061G1206470JF	RST CHIPR 47 OHM +-5% 1/4W FENGHUA
R962	061G1206470JY	RST CHIPR 47R +-5% 1/4W YAGEO

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R963	061G17247152T	470OHM 5% 1/4W
R964	061G0805102JF	RST CHIPR 1K OHM +-5% 1/8W FENGHUA
R964	061G0805102JY	RST CHIPR 1K OHM 5% 1/8W YAGEO
R965	061G0805102JF	RST CHIPR 1K OHM +-5% 1/8W FENGHUA
R965	061G0805102JY	RST CHIPR 1K OHM 5% 1/8W YAGEO
R967	061G08052491FF	RST CHIPR 2.49KOHM +-1% 1/8W FENGHUA
R967	061G08052491FT	RST CHIP 2K49 1/8W 1%
R968	061G08052491FF	RST CHIPR 2.49KOHM +-1% 1/8W FENGHUA
R968	061G08052491FT	RST CHIP 2K49 1/8W 1%
R969	061G0805102JF	RST CHIPR 1K OHM +-5% 1/8W FENGHUA
R969	061G0805102JY	RST CHIPR 1K OHM 5% 1/8W YAGEO
R970	061G0805103JF	RST CHIPR 10K OHM +-5% 1/8W FENGHUA
R970	061G0805103JT	RST CHIPR 10K OHM +- 5% 1/8W TZAI YUAN
R971	061G0805102JF	RST CHIPR 1K OHM +-5% 1/8W FENGHUA
R971	061G0805102JY	RST CHIPR 1K OHM 5% 1/8W YAGEO
R972	061T17251052T	RST CFR 51 OHM +-5% 1/4W
R973	061G0805623JF	RST CHIPR 62KOHM +-5% 1/8W FENGHUA
R973	061G0805623JW	RST CHIPR 62K +-5% 1/8W WALSIN
R974	061G1206104JF	RST CHIPR 100KOHM +-5% 1/4W FENGHUA
R974	061G1206104JT	RST CHIPR 100KOHM +-5% 1/4W TZAI YUAN
R975	061G1206104JF	RST CHIPR 100KOHM +-5% 1/4W FENGHUA
R975	061G1206104JT	RST CHIPR 100KOHM +-5% 1/4W TZAI YUAN
R976	061G1206104JF	RST CHIPR 100KOHM +-5% 1/4W FENGHUA
R976	061G1206104JT	RST CHIPR 100KOHM +-5% 1/4W TZAI YUAN
R986	061G1206475JF	RST CHIPR 4.7 MOHM +-5% 1/4W FENGHUA
R986	061G1206475JT	RST CHIPR 4.7 MOHM +-5% 1/4W TZAI YUAN
R987	061G1206475JF	RST CHIPR 4.7 MOHM +-5% 1/4W FENGHUA
R987	061G1206475JT	RST CHIPR 4.7 MOHM +-5% 1/4W TZAI YUAN
R990	061G0805100JF	RST CHIPR 10 OHM +-5% 1/10W FENGHUA
R990	061G0805100JY	RST CHIPR 10OHM +- 5% 1/8W YEGAO
R991	061G1206152JF	RST CHIPR 1.5KOHM +-5% 1/4W FENGHUA
R991	061G1206152JW	RST CHIPR 1.5KOHM +-5% 1/4W WALSIN
R992	061G0805100JF	RST CHIPR 10 OHM +-5% 1/10W FENGHUA
R992	061G0805100JY	RST CHIPR 10OHM +- 5% 1/8W YEGAO
R993	061G0805100JF	RST CHIPR 10 OHM +-5% 1/10W FENGHUA
R993	061G0805100JY	RST CHIPR 10OHM +- 5% 1/8W YEGAO
NR901	061T58030WL	RST NTCR 3 OHM +-20% 5A THINKING

DIODE

D901	093G641152T	1N4148
D901	093G641152TPH	SWITCH DIODE 1N4148 BY PHILIPS
D901	093G641152TRE	SWITCH DIODE 1N4148 BY RENESAS
D902	093T5265	DIODE FMY-1106S 10A/600V TO-220F
D903	093G52701	1N5408-E(SHORT PIN) 3A/1000V DO-201AD
D904	093G521552T	DIODE 1N4007-E3/73 1A/1000V DO-41
D904	093G5212T52T	DIODE 1N4007 DO-41
D950	093G6026W52T	FR107
D953	093G5250S52T	DIODE AU02Z-V1 SANKEN
D954	093G641152T	1N4148
D954	093G641152TPH	SWITCH DIODE 1N4148 BY PHILIPS
D954	093G641152TRE	SWITCH DIODE 1N4148 BY RENESAS
D956	093G60298	DIODE SBT15006JST 15A/60V TO-220ML(LS)
D956	093G15062	FMW-2156
D970	093G641152T	1N4148
D970	093G641152TPH	SWITCH DIODE 1N4148 BY PHILIPS

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D970	093G641152TRE	SWITCH DIODE 1N4148 BY RENESAS
D971	093G641152T	1N4148
D971	093G641152TPH	SWITCH DIODE 1N4148 BY PHILIPS
D971	093G641152TRE	SWITCH DIODE 1N4148 BY RENESAS
D972	093G60300	DIODE SBR20010JST 20A/100V TO-220ML(LS)
D972	093G60329	DIODE FMEN-220A 20A/100V TO-220
D973	093G60298	DIODE SBT15006JST 15A/60V TO-220ML(LS)
D973	093G15062	FMW-2156
D974	093G641152T	1N4148
D974	093G641152TPH	SWITCH DIODE 1N4148 BY PHILIPS
D974	093G641152TRE	SWITCH DIODE 1N4148 BY RENESAS
D975	093G641152T	1N4148
D975	093G641152TPH	SWITCH DIODE 1N4148 BY PHILIPS
D975	093G641152TRE	SWITCH DIODE 1N4148 BY RENESAS
D976	093G1100952T	UF4007
BD901	093G5046029	BRIDGE US4KB80R 4A 800V
BD901	093G50460900	BRIDGE 4A/800V GBU408 LITEON
BD901	093T50460911	BRIDGE GBU406 4A/800V
ZD950	093G3916652T	MTZJ15B (13.89-14.62)
ZD950	093G39G5	DIODE MTZJ15B DO-34
ZD970	093G3916652T	MTZJ15B (13.89-14.62)
ZD970	093G39G5	DIODE MTZJ15B DO-34
ZD971	093G3917152T	TZJ T-72 30B
ZD971	093G39G9	DIODE MTZJ30B DO-34
ZD973	093G3916652T	MTZJ15B (13.89-14.62)
ZD973	093G39G5	DIODE MTZJ15B DO-34
TRANSISTOR		
Q901	057G66724	STP20NM60FP TO-220FP ST
Q901	057T66758	FET SPA20N60C3 20.7A/650V PG-TO220FP
Q951	057G41712T	KEC 2N3904S-RTK/PS
Q952	057G41712T	KEC 2N3904S-RTK/PS
Q953	057G7617	KTD1691P
Q953	057G761909T	TRANSISTOR KSD1691YSTU TO-126
Q970	057G66752	FET 2SK4100LS-T 7A/650V TO-220FI(LS)
Q971	057G66752	FET 2SK4100LS-T 7A/650V TO-220FI(LS)
COIL & FILTER & TRANSFORMER		
F901	084G4111B	FUSE 5A 250V LEAD TYPE
F901	084G4111L	FUSE 5A 250V
FB901	071G5521	FERRITE BEAD
FB902	071G5519T	FERRITE BEAD D9X3. 5X0.8
FB903	071G5519T	FERRITE BEAD D9X3. 5X0.8
FB904	071G5526S	FERRITE CORE
FB904	071T5526H	FERRITE BEAD 3.5*6.0*0.8
J902~J941	095G9023	JUMPER WIRE
L901	073G174106DN	LINE FILTER 13MH LK.TF032.A20
L902	073G174106DN	LINE FILTER 13MH LK.TF032.A20
L903	073G174136L	PFC CHOKE 236UH CC-010933-3
L950	073G25391V	CHOKE COIL 3.5UH+-10%
L971	073G253150H	IND CHOKE 3.0UH+-10% DADON
L972	073G25391V	CHOKE COIL 3.5UH+-10%
T950	080GL52T5N	X'FMR 1.0MH YUVA-1068
T970	080GL37T18L	X'FMR 600UH PT-010974
T970	006G31502	1.5MM RIVET
IC		

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IC901	056G36812	IC FAN7529MX SOP-8
IC950	056T379121	IC STR- A6069H DIP-8
IC951	056G15810T	IC AS431AZTR-E1 TO-92
IC952	056G13910	IC TLP781F PHOTOCOUPLER DIP-4
IC952	056G1393B	IC PC123Y82FZ0F
IC953	056G13910	IC TLP781F PHOTOCOUPLER DIP-4
IC953	056G1393B	IC PC123Y82FZ0F
IC970	056G379176	IC SSC9512S-TL SOP-18
IC972	056G13910	IC TLP781F PHOTOCOUPLER DIP-4
IC972	056G1393B	IC PC123Y82FZ0F
IC973	056G15810T	IC AS431AZTR-E1 TO-92
OTHERS		
CN901	087G50148S	AC SOCKET 3PIN + 3 HOLE
CN901	006G31500GP	EYELET
CN902	033T327812D	WAFER 12P PLUG
CN903	033G327813D	CONNECTOR
	705TQ761021	NR901 ASS'Y
	705TQ857014	Q901 ASS'Y
	705TQ857015	Q970 ASS'Y
	705TQ857016	Q971 ASS'Y
	705TQ893020	BD901 ASS'Y
	705TQ893021	D902 ASS'Y
	705TQ893022	D956 ASS'Y
	705TQ893023	D972 ASS'Y
	705TQ893024	D973 ASS'Y
KEY BOARD		
WHOLE-ASSEMBLY	KEPF9AA2	KEY BOARD
C01	065G060310412	CER2 0603 X7R 16V 100N P
C02	065G080547517	0805 4.7UF +80%~-20% 16V Y5V
CN01	033G80324FHR	CONNECTOR
R01	061G06037501F	RST CHIPR 7.5 KOHM +-1% 1/10W
R02	061G06032701F	RST CHIPR 2.7 KOHM +-1% 1/10W
R03	061G06031801F	RST CHIPR 1.8 KOHM +-1% 1/10W
R04	061G06031001F	RST CHIPR 1 KOHM +-1% 1/10W
R05	061G06037500F	RST CHIPR 750 OHM +-1% 1/10W
R07	061G06037500F	RST CHIPR 750 OHM +-1% 1/10W
R08	061G06031000F	RST CHIPR 100 OHM +-1% 1/10W
SW01	077G6072FD	CHIP TACT SW BY FORWARD SFKQGMA2125T-PL
SW02	077G6072FD	CHIP TACT SW BY FORWARD SFKQGMA2125T-PL
SW03	077G6072FD	CHIP TACT SW BY FORWARD SFKQGMA2125T-PL
SW04	077G6072FD	CHIP TACT SW BY FORWARD SFKQGMA2125T-PL
SW05	077G6072FD	CHIP TACT SW BY FORWARD SFKQGMA2125T-PL
SW06	077G6072FD	CHIP TACT SW BY FORWARD SFKQGMA2125T-PL
SW07	077G6072FD	CHIP TACT SW BY FORWARD SFKQGMA2125T-PL
IR BOARD		
WHOLE-ASSEMBLY	IRPFAQC8	IR BOARD
CN01	033G38025BYH	CONNECTOR 5PIN 2.0PITCH
CN01	033G38025BYHL	CONNECTOR 5P 2.0
CN01	033G38025BYHW	WAFER
LED01	081T1013EL	LG-ASSIGN 339-1SURUBW/C470/A3/S1232
Q01	057G417511	MMBT3904
Q02	057G417511	MMBT3904
R01	061G0603103JF	RST CHIPR 10K OHM +-5% 1/10W FENGHUA
R02	061G0603223	RST CHIPR 22 KOHM +-5% 1/10W

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R03	061G0603151	RST CHIPR 150 OHM +-5% 1/10W
R05	061G0603223	RST CHIPR 22 KOHM +-5% 1/10W
U01	056T62740	IR KSM-2003TH2M 37.9KHZ

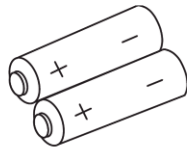
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Accessories

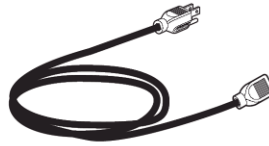
- ① Remote Control Unit
CLU-4591AV
(Part No. HL02631)



- ② "AA" Size
Batteries (2)

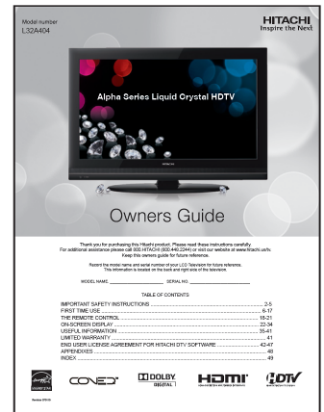


- ③ Power Cord

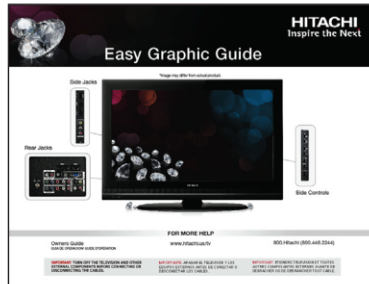


Part No.089T702A18N BL

- ④ Owners Guide



- ⑤ Easy Graphic Guide

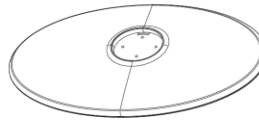


- ⑥ Stand Screws (4)



(T4x12: Part No. 0Q1G 940 12 47 CR3)

- ⑦ Stand Base



(Part No. 705TQA34J70)

For optional accessories, please access our web site at: www.hitachi.us/tv

