

TITAN 55" SMART TV

FOR

GAMING
& ENTERTAINMENT



MAINTENANCE GUIDE

KONIX
LOG INTO YOUR DREAMS

A. Technical specifications

Model Name	Titan 55"
Model Number	S55A - ASWD
Screen Size	55"
Display Technology	DLED
Resolution	3840 x 2160
Panel Brightness (cd/m2)	220nit (typ.)
Response Time	8ms (typ.)
Uniformity	> 65% (typ.)
Color gamut	72 % NTSC (typ.)
Viewing Angle (H/V)	170°/ 170° (typ.)
Life Time	> 20,000h (min)
Color	1.07 B (8bit+FRC)
HDMI UHD Deep Color	4K @ 60Hz
Internal Speaker Powers	2 x 10W
Digital Sound out	PCM / DOLBY Digital PLUS / HEAAC
Operating System	LG webOS TV 2.0
CPU	A75 x 2 + A55 x 2
GPU	IMG BXE4 (700MHz)
Coprocessor	4 core
DDR/Flash	DDR 1.5GB / eMMC 8GB

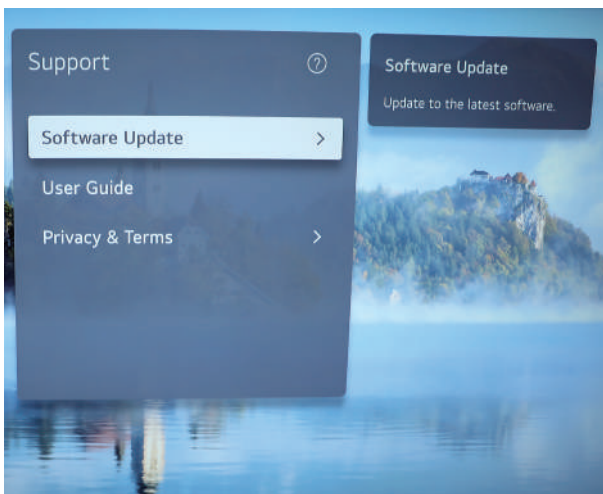
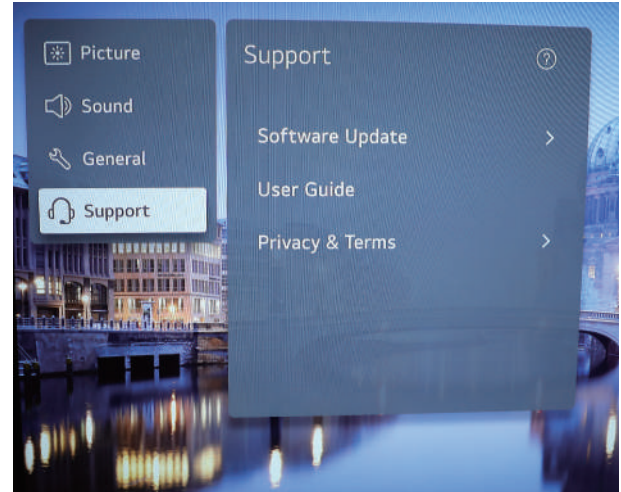
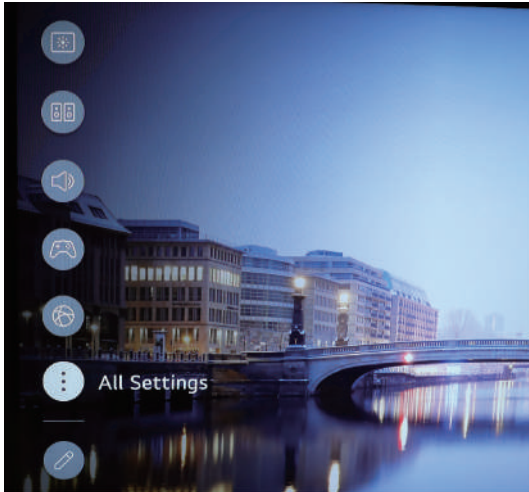
DTV	DVB-T / C / T2 / S / S2
Audio	MPEG1 layer 1/2, MPEG 2 layer 2, Dolby digital, Dolby digital plus.
Image Processing Technology	HDR 10 / HLG / MEMC
Color System	PAL / SECAM
Media Format	MPEG-4, H.264, H.265, VP9, Dolby digital, Dolby digital plus, Dolby MS11, Dolby MS12, MPEG1/2, VC-1, XVID
WiFi	IEEE 802.11 b / g / n / AC 2.4G / 5G
ATV	PAL / SECAM
DTV	DVB-C / T / T2 / S / S2
HDMI ports	3
USB ports	2
AV in ports	1 x RCA
Earphone ports	1
RF ports	2 (for DVB-S2)
SPDIF ports	OPTICAL x 1
CI ports	Yes
Power Supply	AC100-240V~ 50 / 60 HZ
Power Consumption-TV on	≤ 150 W
Power Consumption-Standby	≤ 0.5 W
Remote control	Magic remote
Operating Temperature	0 - 45 °C
Operating Humidity	10 % - 90 %

B. General instructions

- All repairs must be carried out by qualified personnel in a professional environment.
- During maintenance, please pay attention to do electrostatic protection to prevent the process of maintenance caused by the driver plate to cause secondary damage, especially for the chips, MOS, crystal vibration and other sensitive devices directly connected to the circuit. For chip of patch type, it is recommended to use hot air gun when repairing and replacing, and the temperature should be set at about 340 degrees. If a soldering iron is used, ensure that there is no electrical leakage. The temperature should be set at around 340-360 degrees and the welding time should not be too long.
- All operations must be carried out with the power supply disconnected.
- It is essential that all components requiring maintenance are replaced with components identical to the original design or certified by the manufacturer to have the same function to prevent electric shock, fire or other hazards.
- Do not modify the original design without the consent of the manufacturer.

C. Instructions for software and firmware (including reset software)

1. This TV has online firmware update function. Please refer to the following program for updates
2. Ensure that the TV is connected to the internet.
3. Follow the following procedure to update the firmware of the TV



4. After following the above steps, if there is a prompt for a new firmware update, please follow the on-screen prompts to confirm the update.

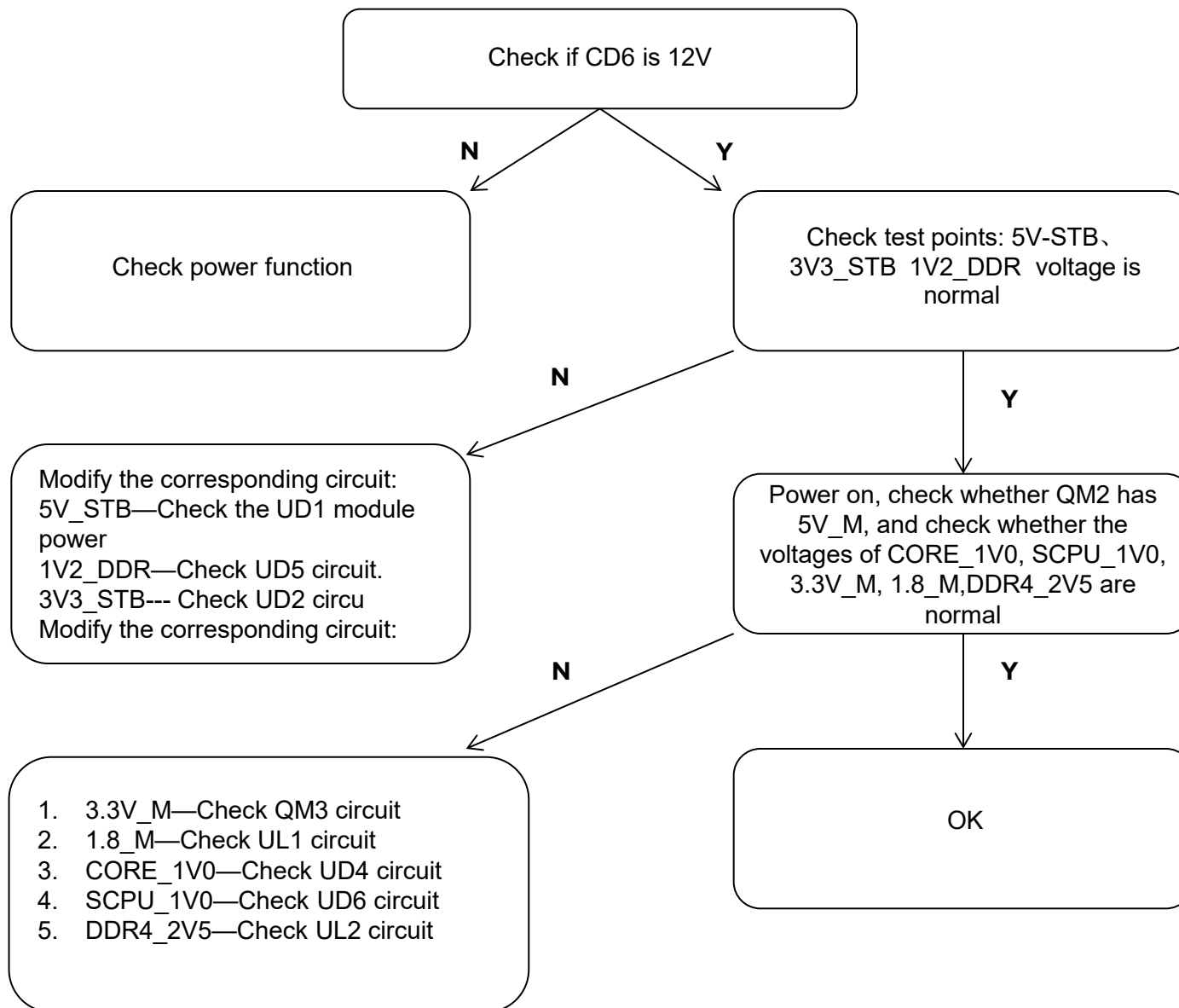
D. Failures detection and required action

If your TV has a problem, you can restart it by turning it off and on again. You can also check the table below to troubleshoot problems. If the problem persists, contact a qualified technician.

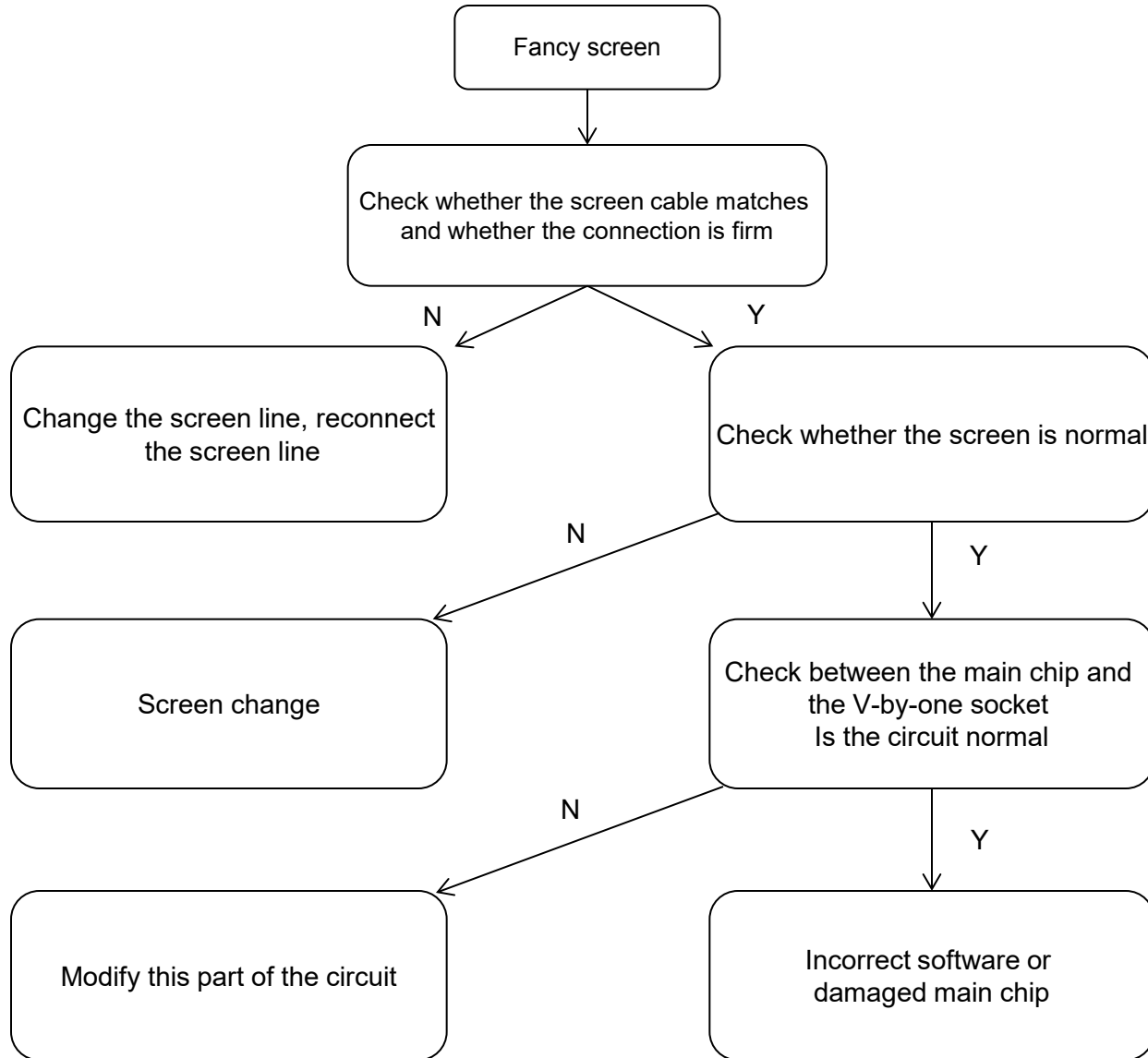
SYMPTOMS	POSSIBLE SOLUTIONS
No sound or picture.	• Check that the power cord is plugged into the wall socket and that there is power. • Check that you have pressed the Power button on the television or the Power button on the remote control. • Check the picture brightness and contrast settings.
The picture is normal but there is no sound.	• Check the volume. • Check that the sound is not muted.
No picture and white or black picture.	• Adjust the picture setting. • Check the colour system.
Sound and picture are distorted.	• Try to locate the source of the problem and move it away from the TV. • Try plugging the TV into a different outlet.
Blurred picture or picture with snow.	• Check the direction, position and connection of your antenna. • Adjust the direction of your antenna, or reset or fine-tune the channel.
Remote control does not work.	• Replace the batteries in the remote control. • Clean the top of the remote control. • Check the contact points of the batteries. • Check that there is no obstruction between the remote control and the TV. • Check that the batteries are installed correctly.

This document is a reference guide. Product specifications are subject to change. All illustrations are for guidance only; the actual product may vary depending on the model.

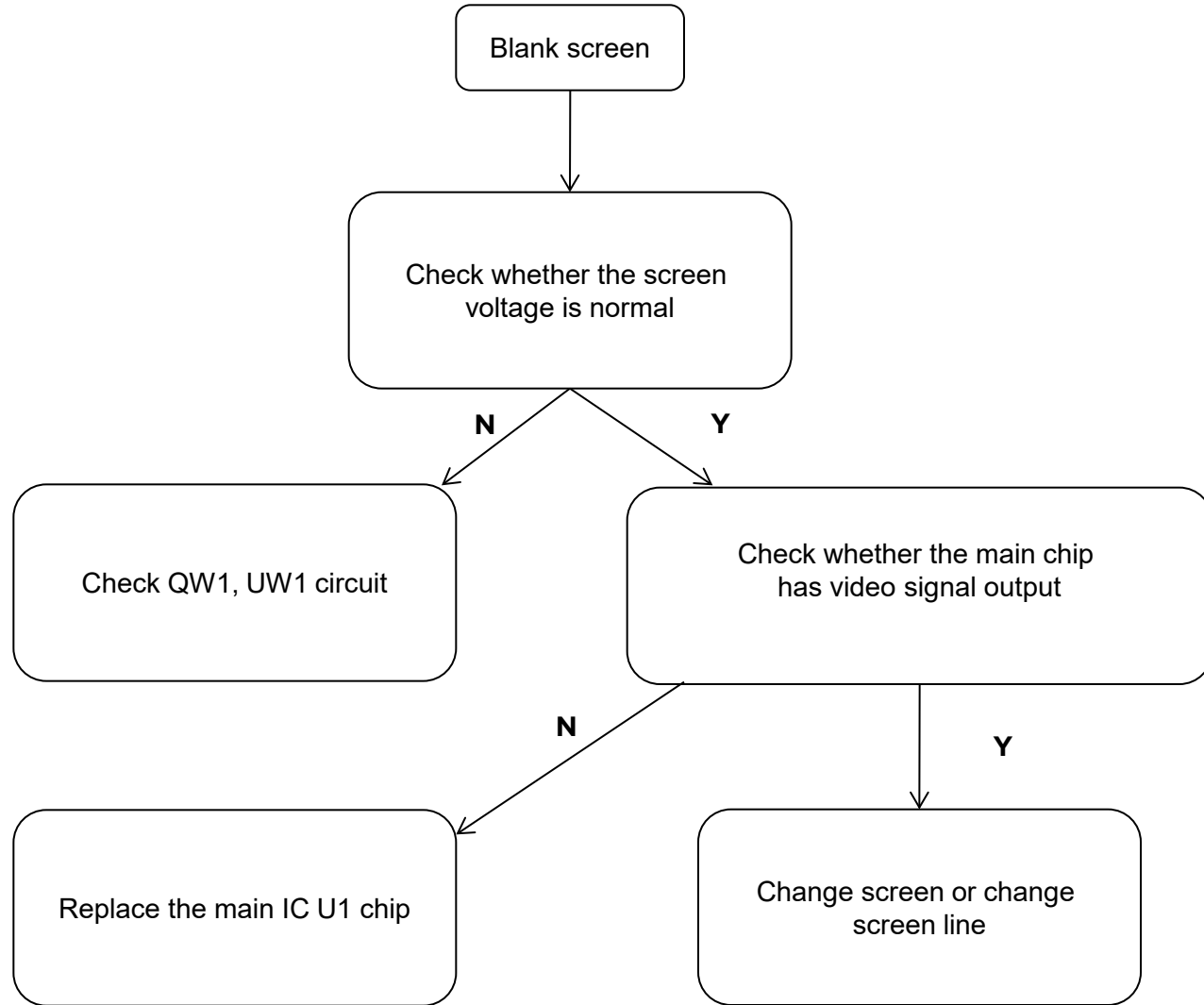
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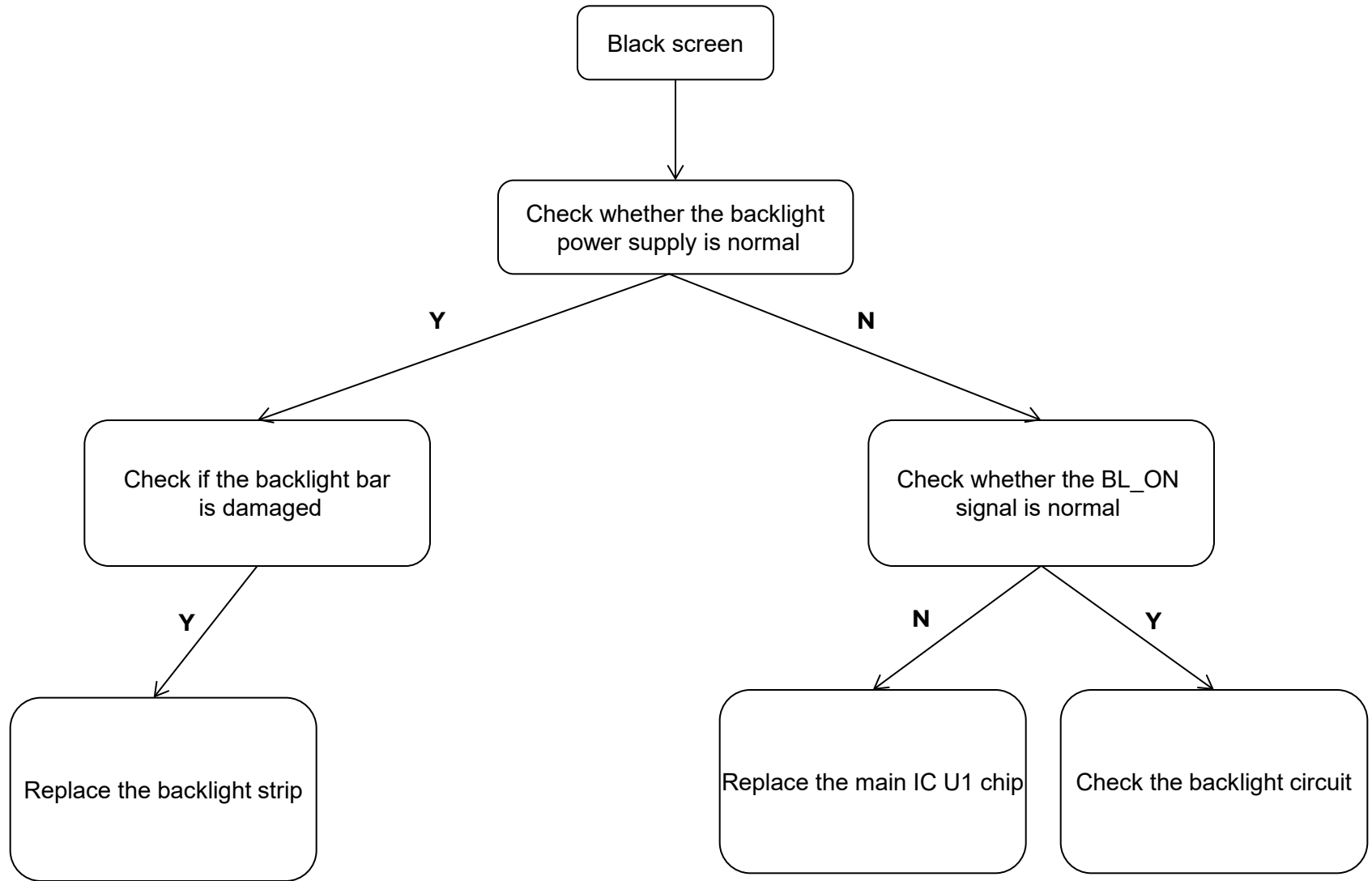
2. Display (fancy screen)



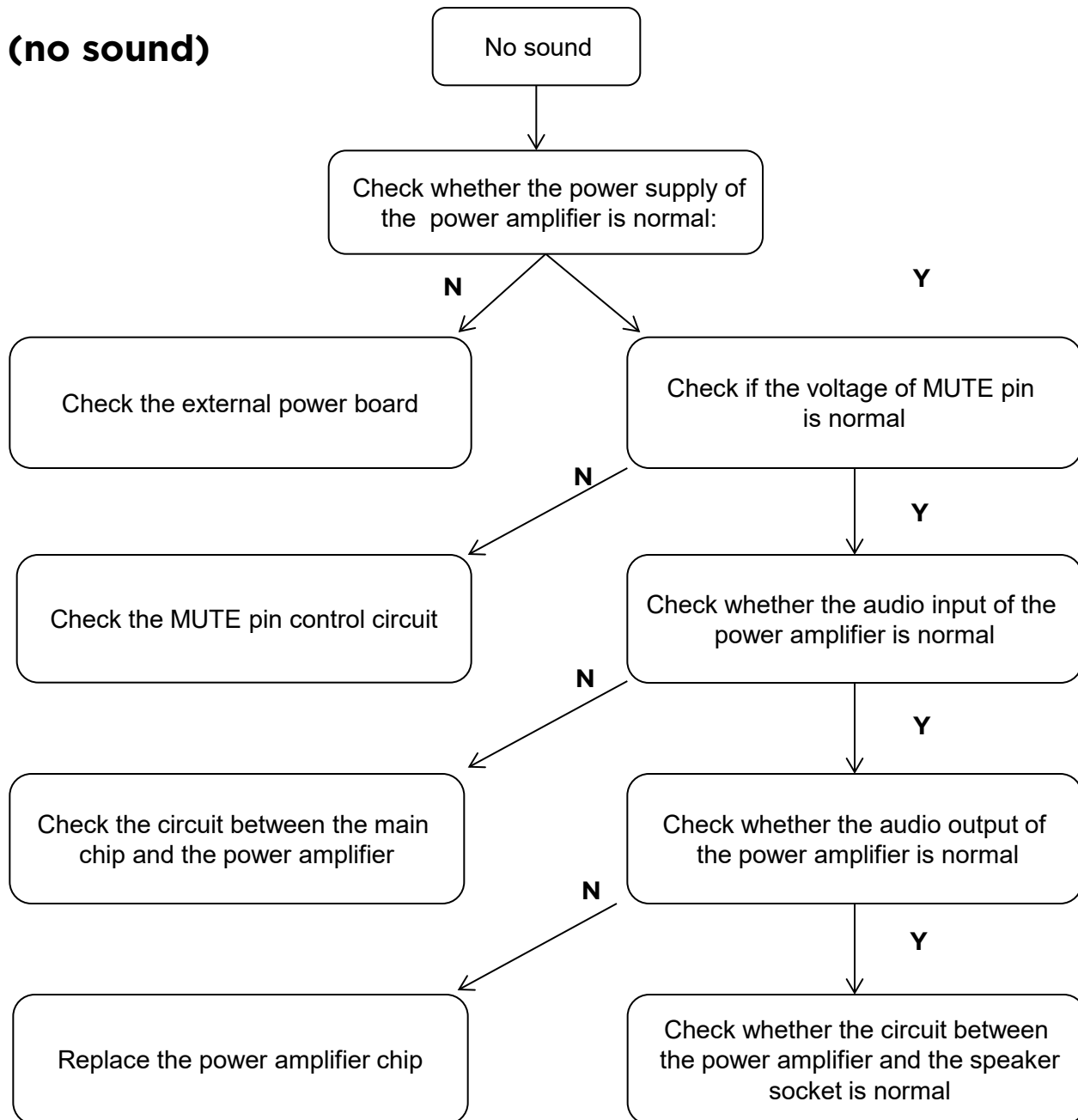
2. Display (white screen)



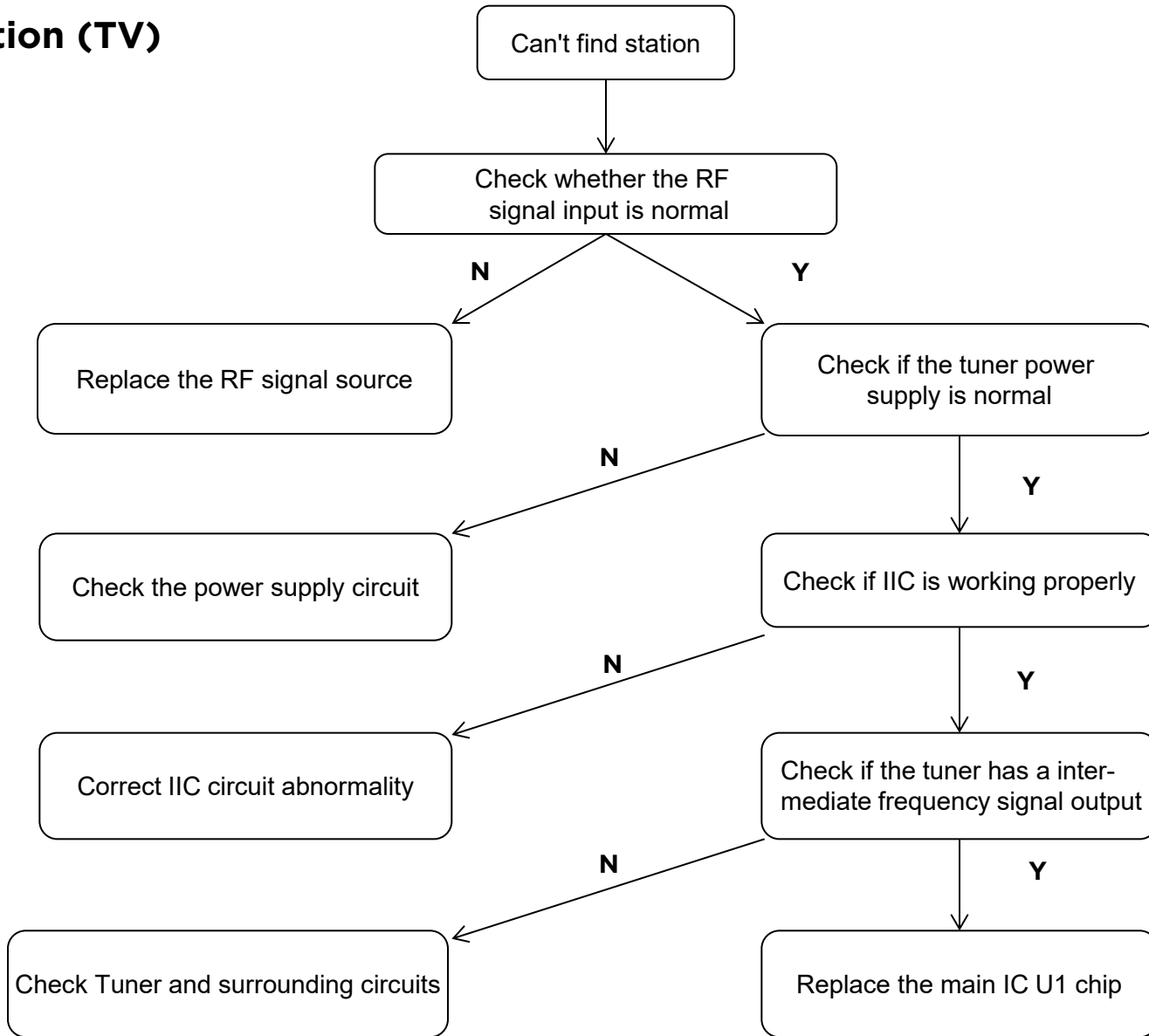
3. Black screen



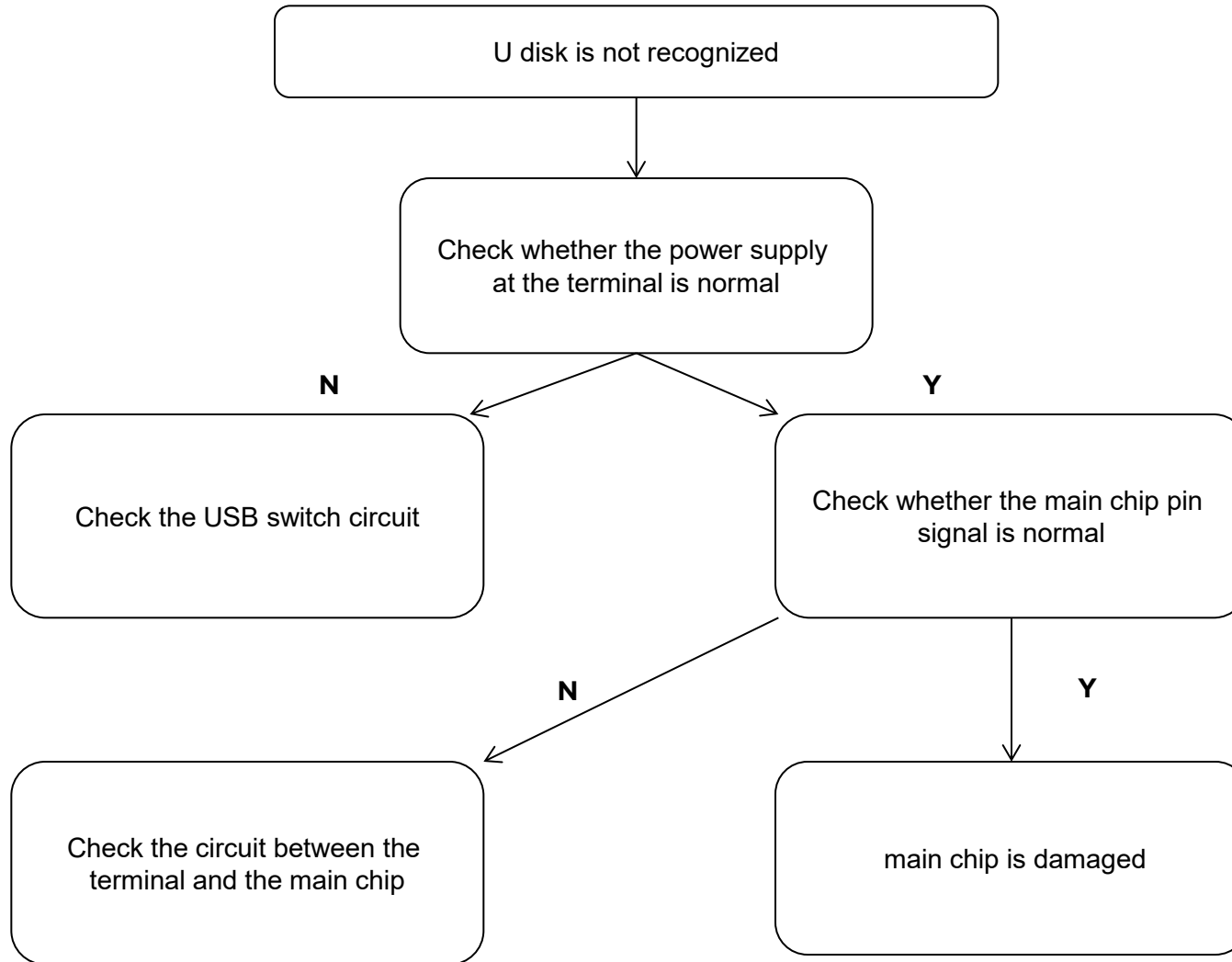
4. Audio (no sound)



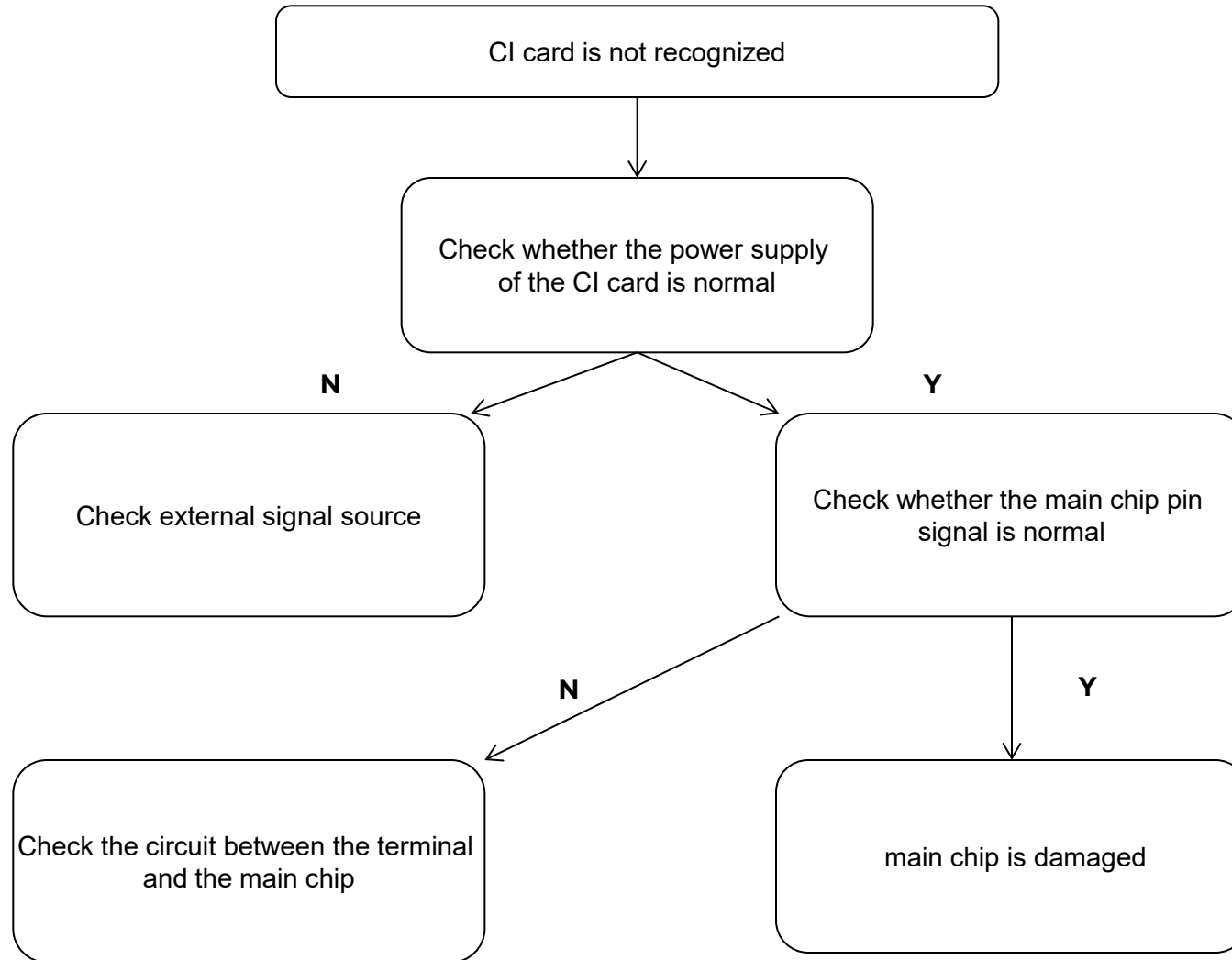
5. Function (TV)



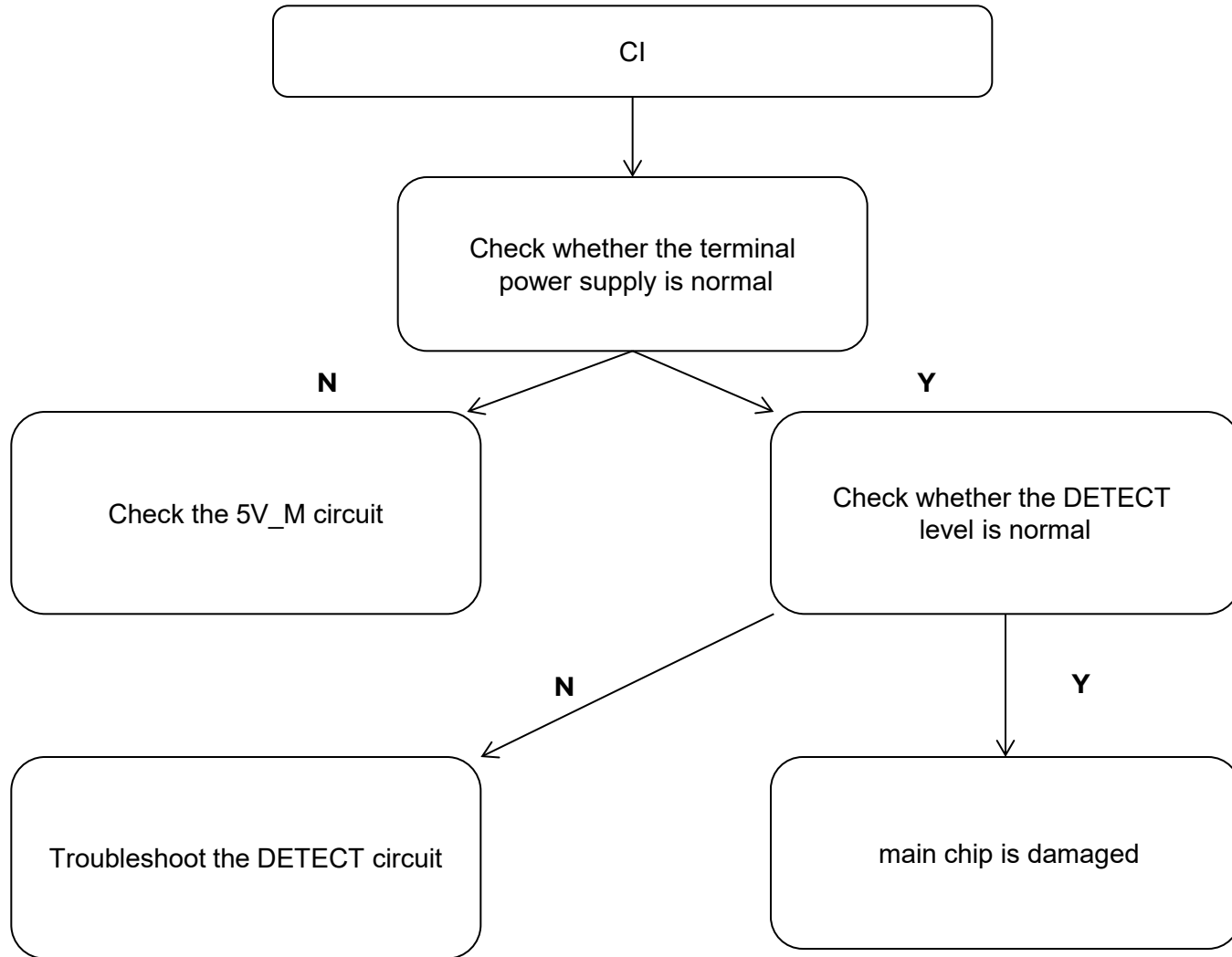
6. Function (USB)



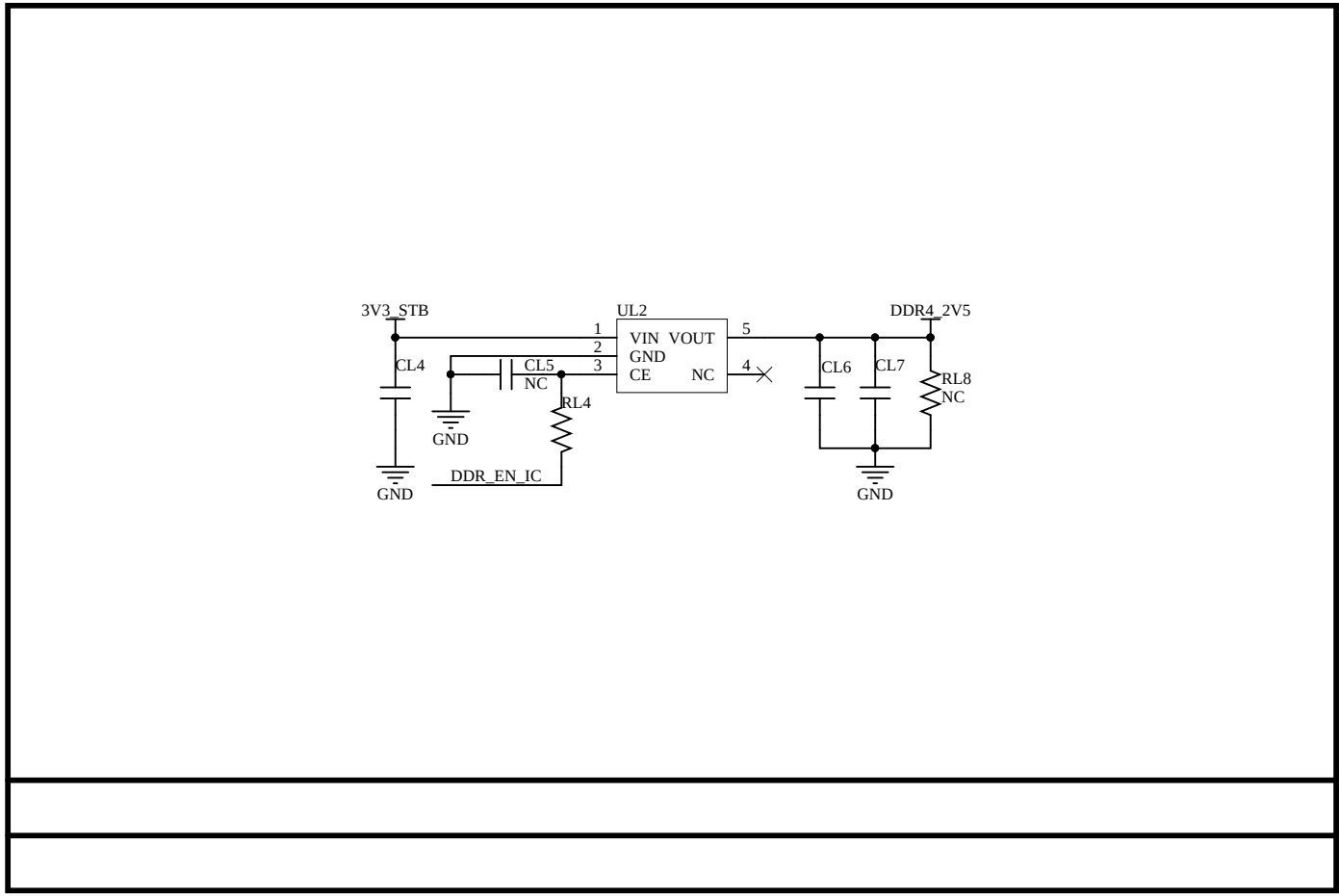
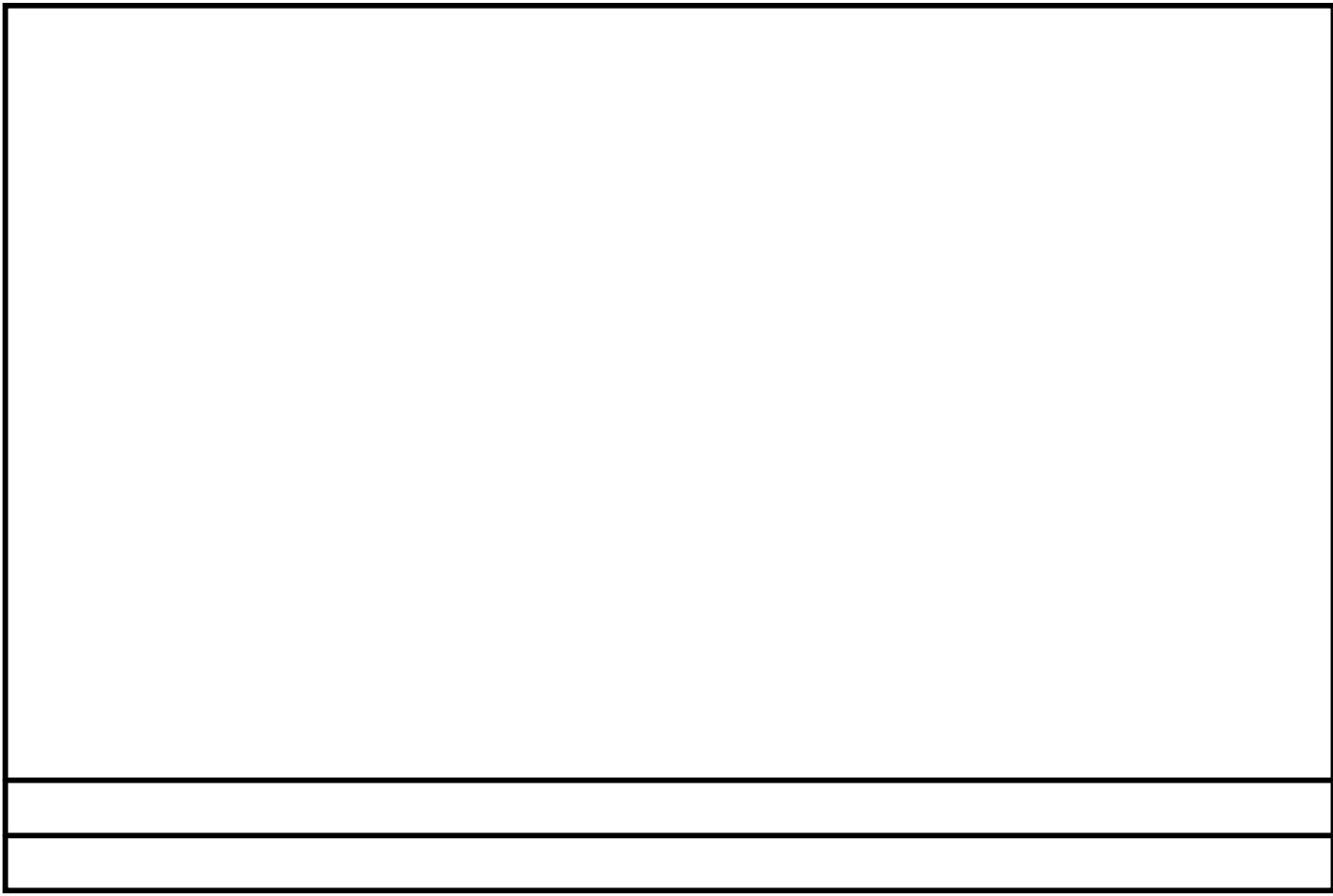
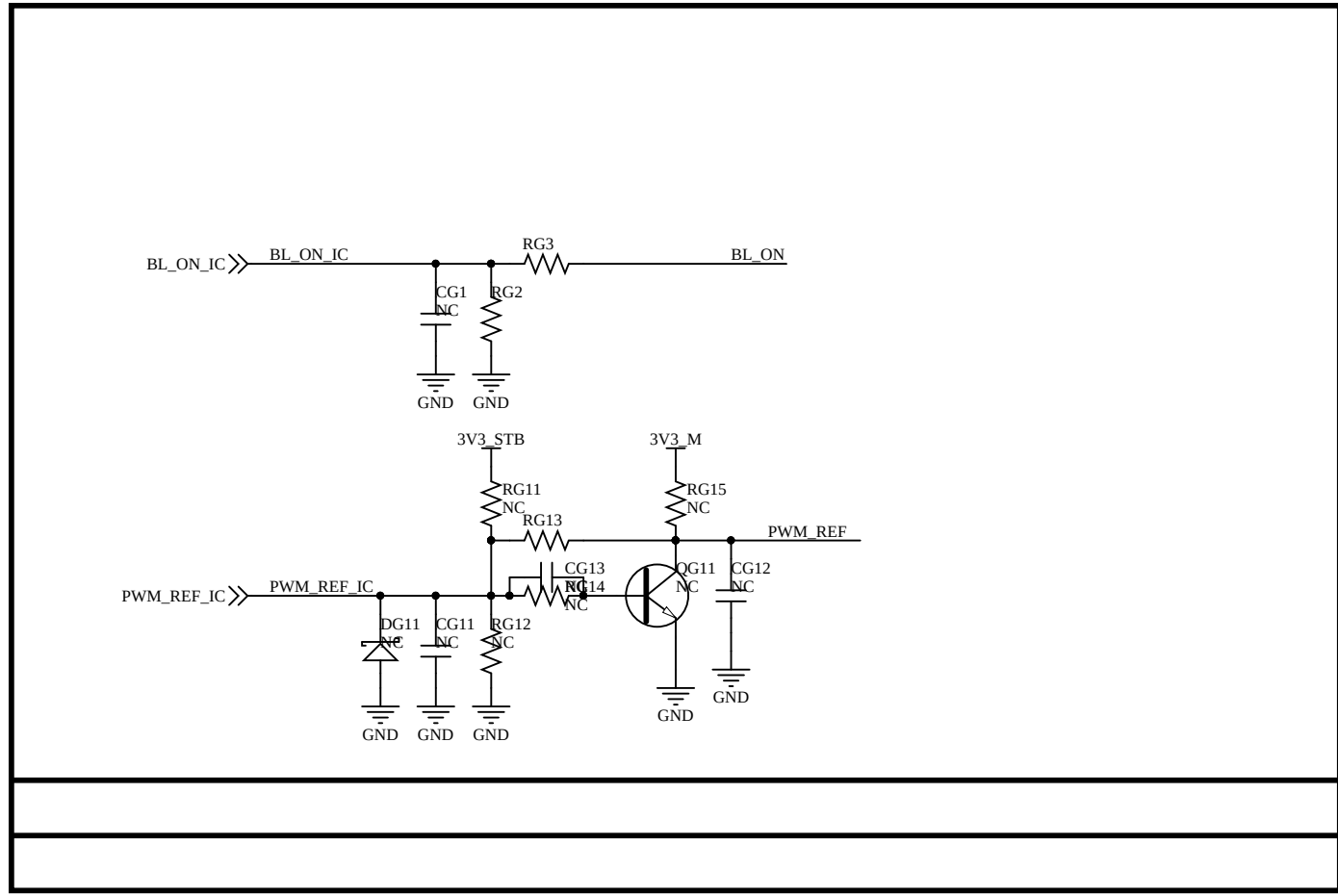
7. Function (HDMI, CVBS)

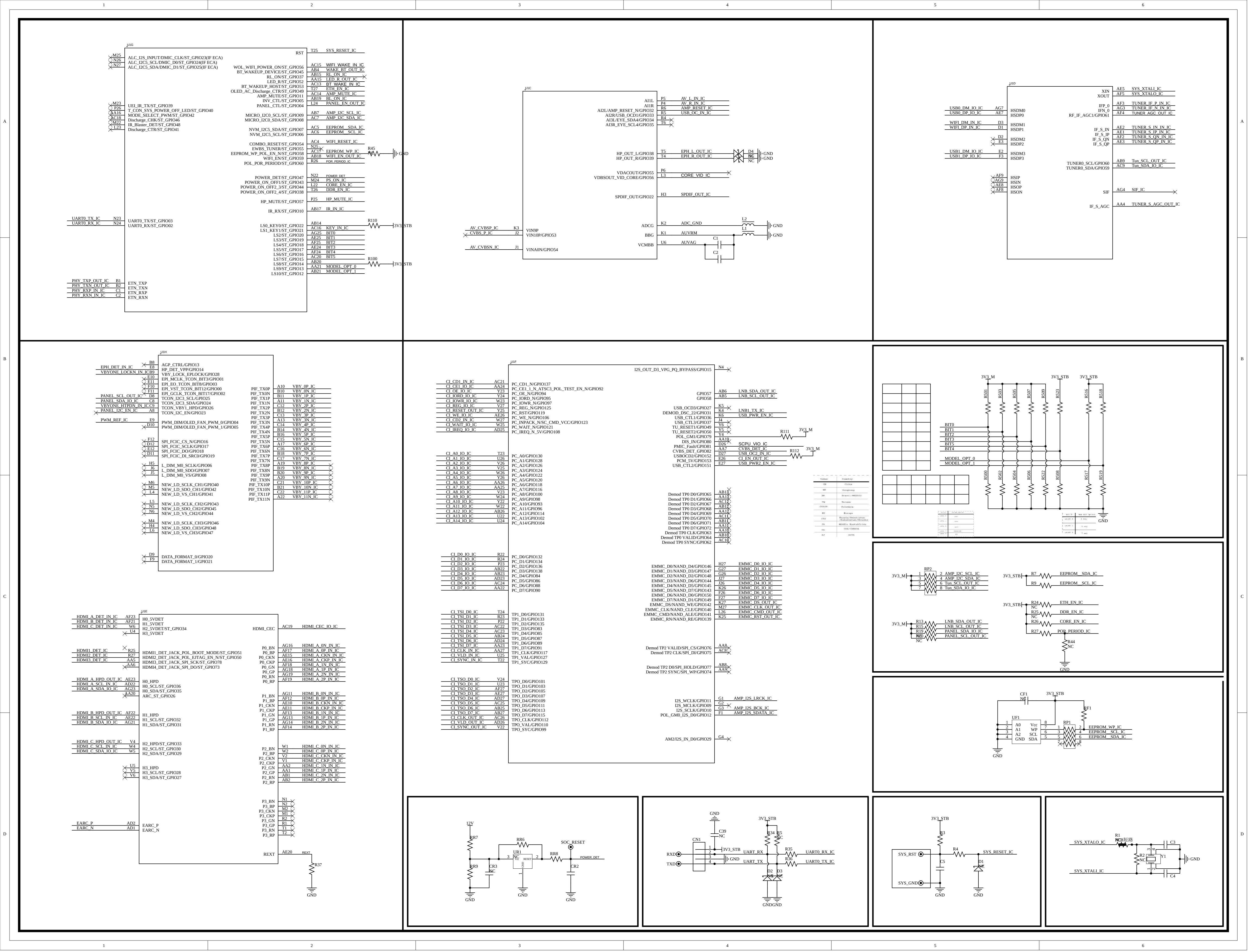


8. Function (CI)



	1	2	3	4	5	6
A						
			TPD.SK621.PC821 (T)			
			A22498			
B			用于U1 P4 Heat C81 R12 GND P5 Heat C82 R16 GND P6 Heat C83 R17 GND P7 Heat C84 R18 GND P8 NC Heat1 P9 NC Heat2 P10 NC Heat3 P11 NC Heat4			
C			HS2 NC 与004.062.0053052配套使用 HS1		CHS7 NC CHS8 NC CHS9 NC	
D			DBS8			
	1	2	3	4	5	6





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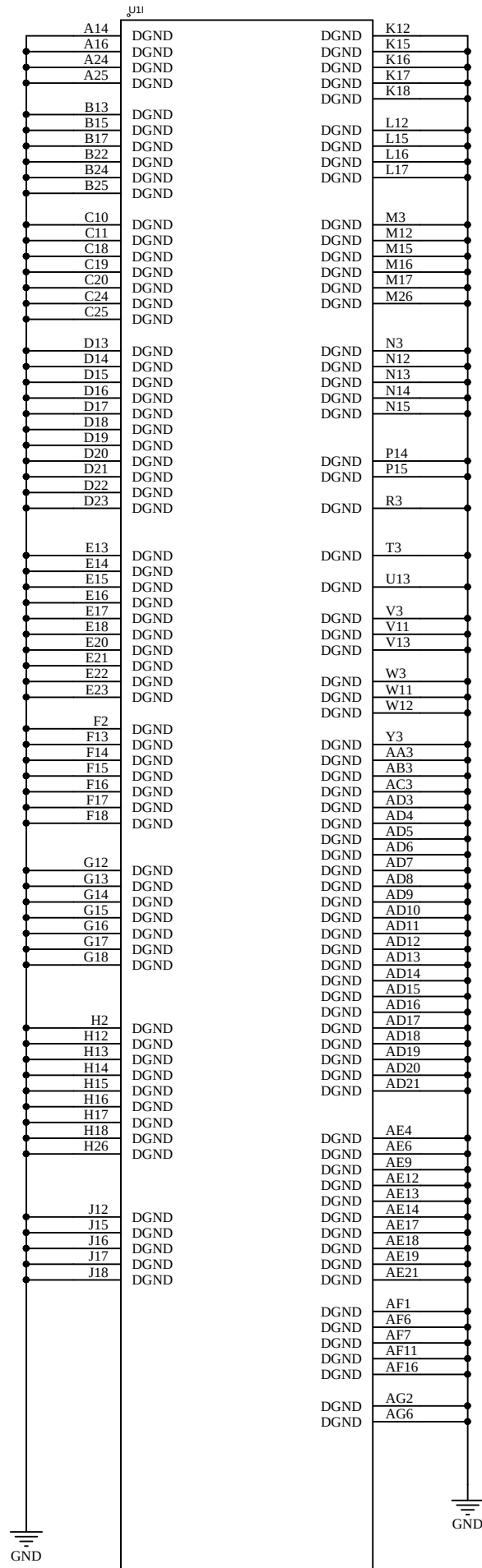
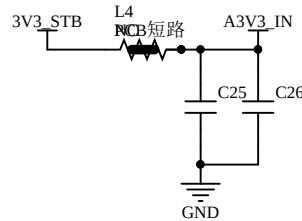
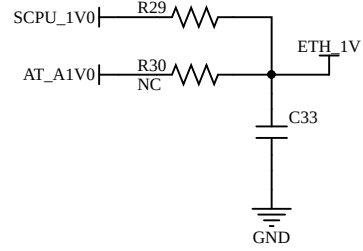
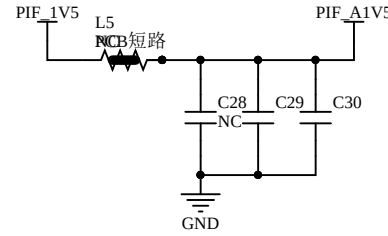
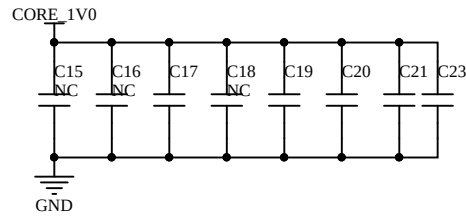
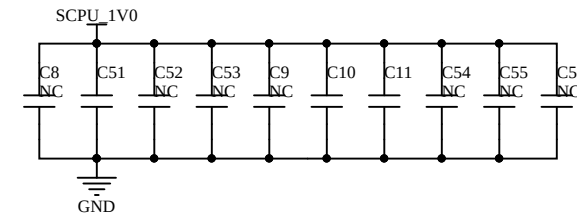
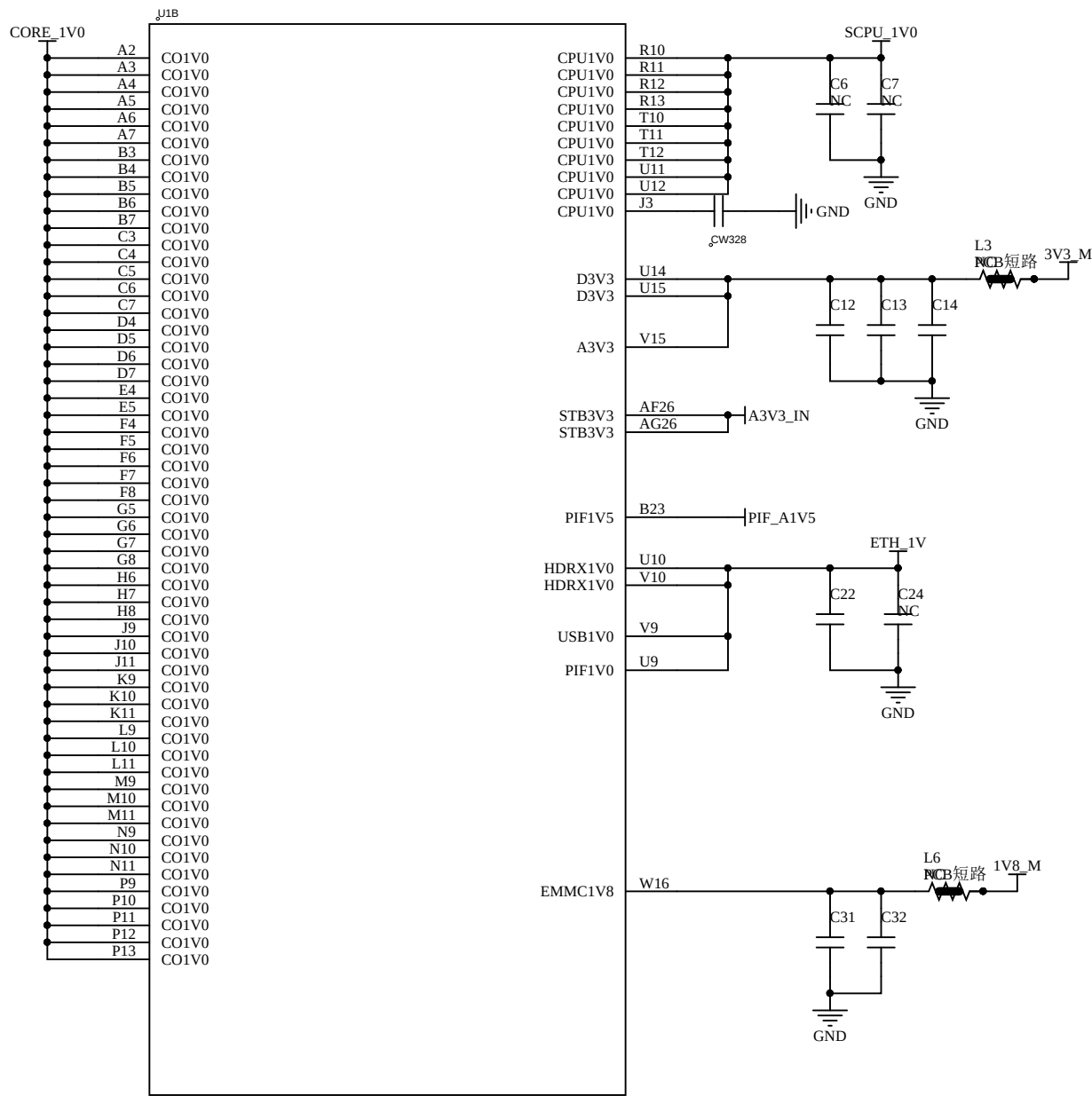
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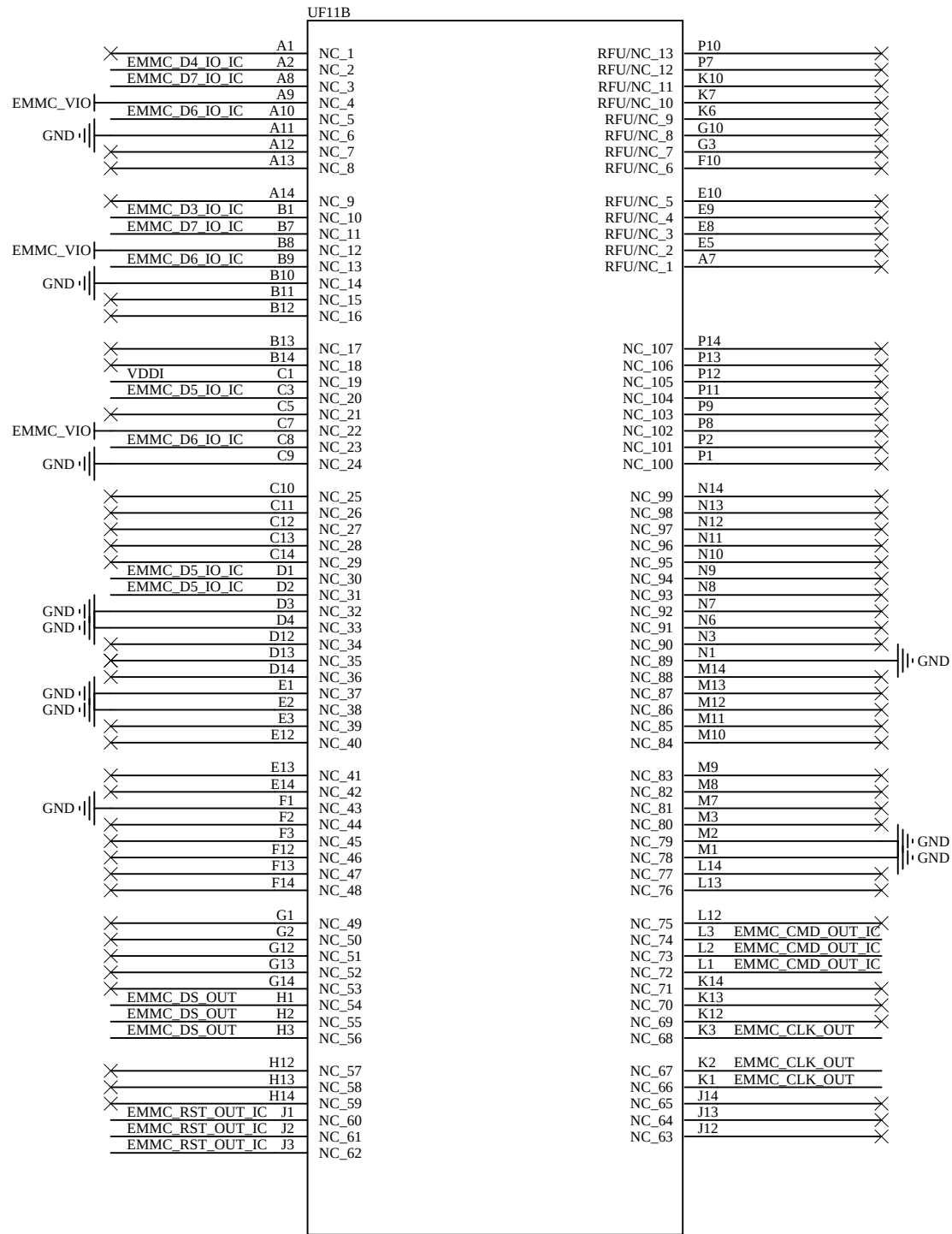
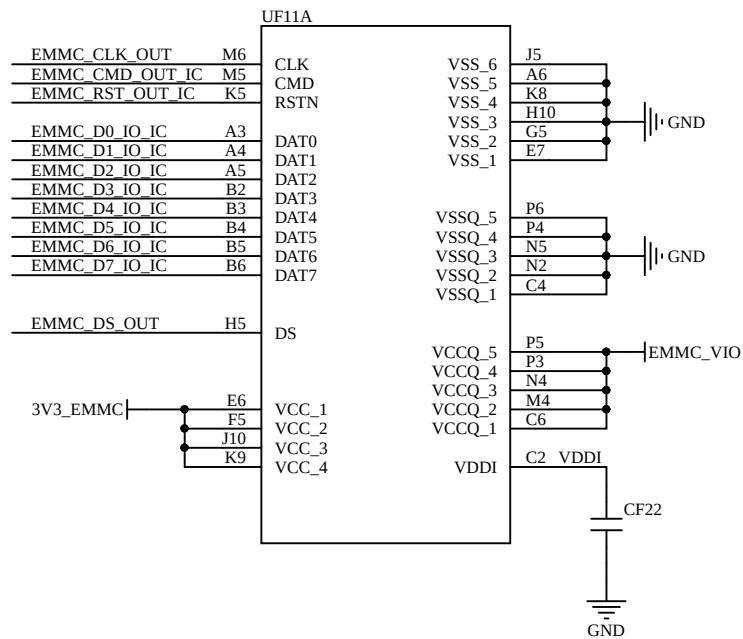
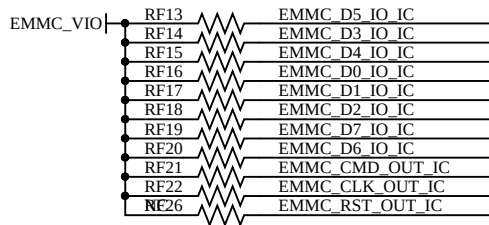
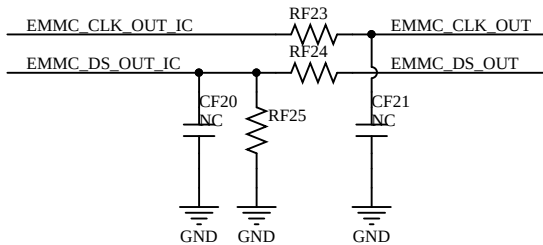
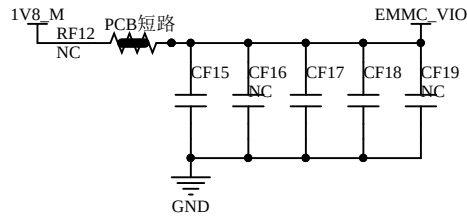
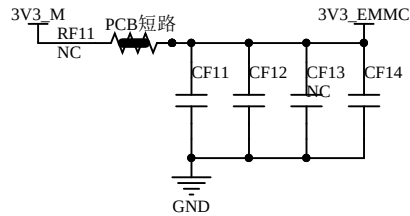
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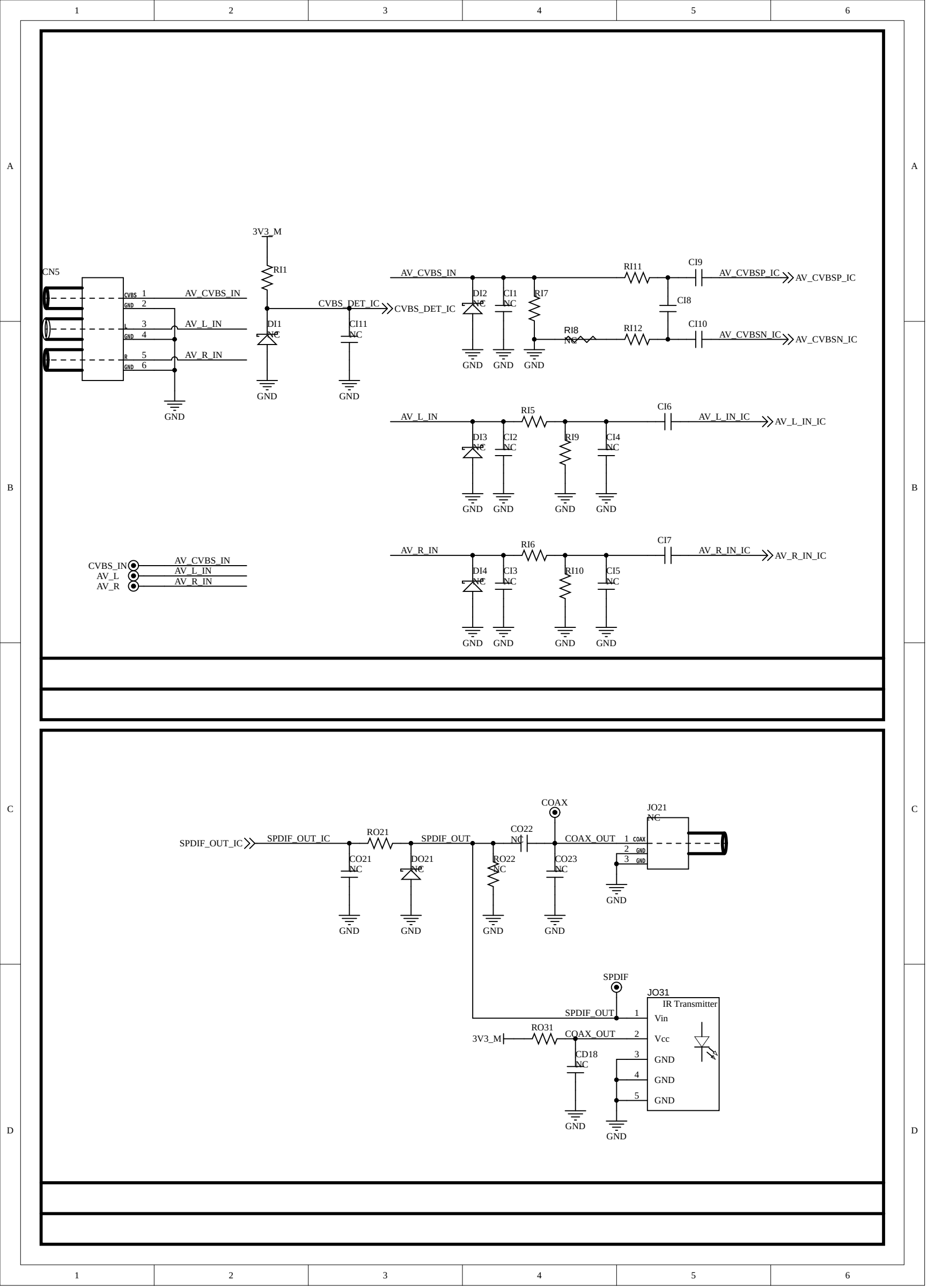
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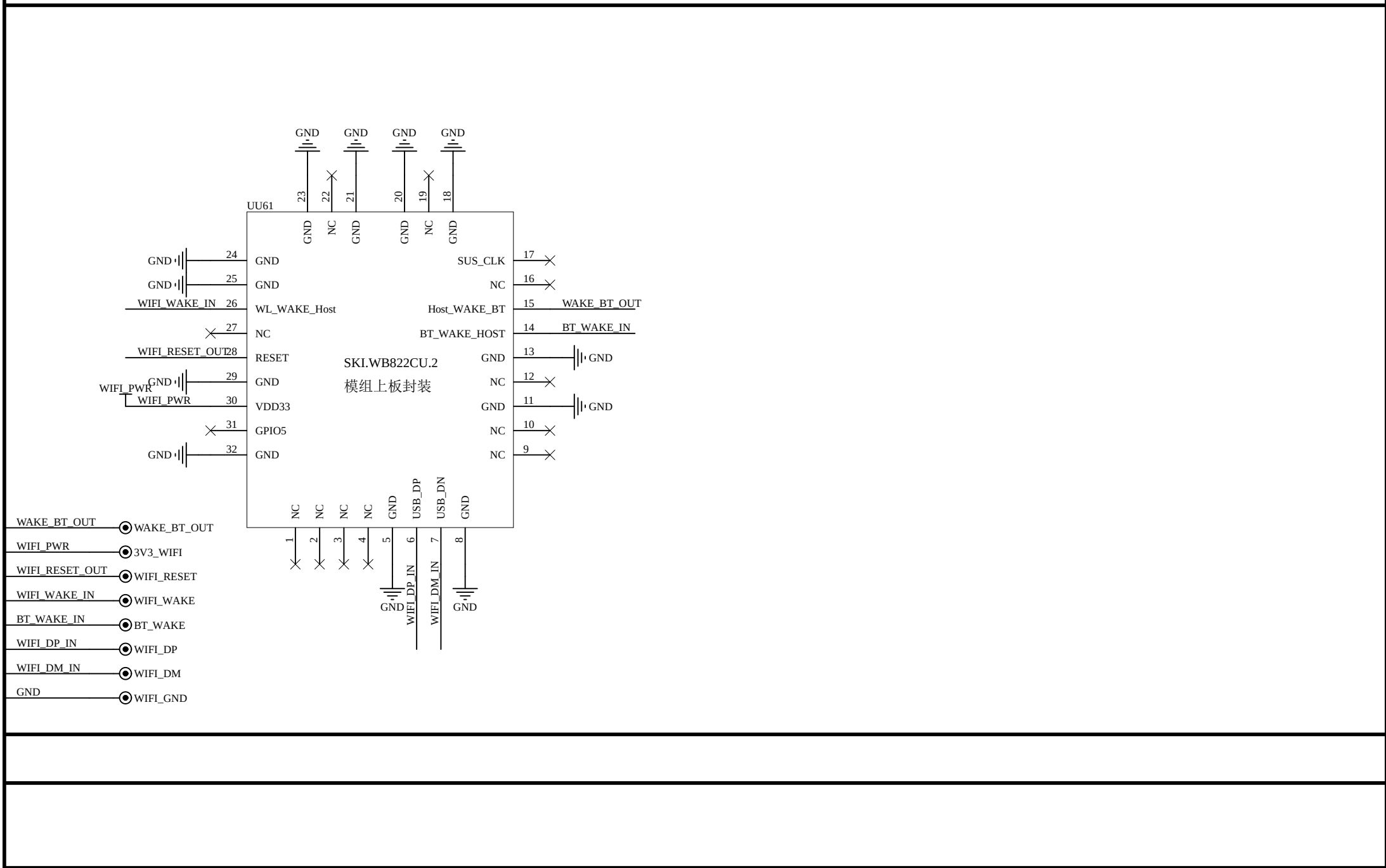
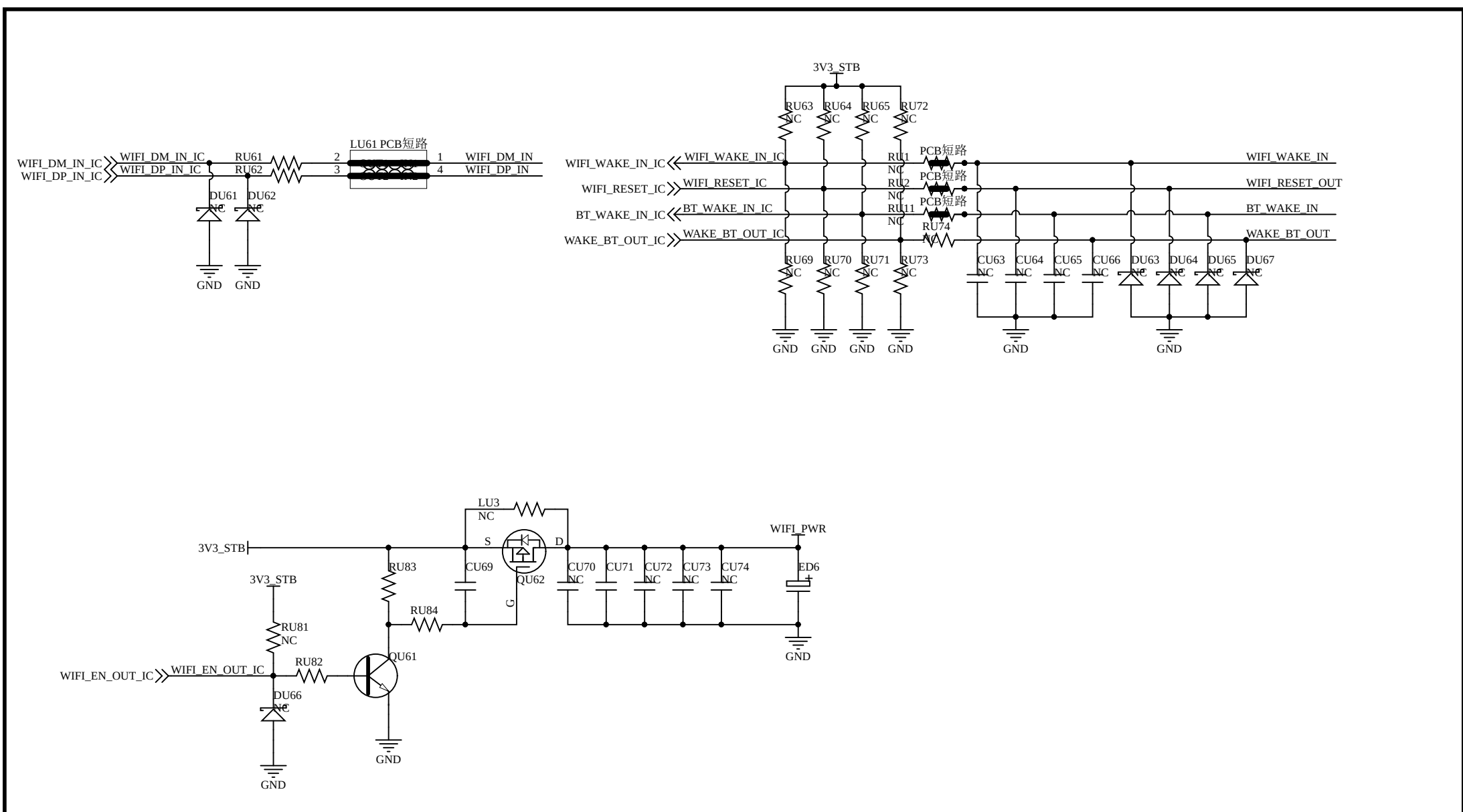
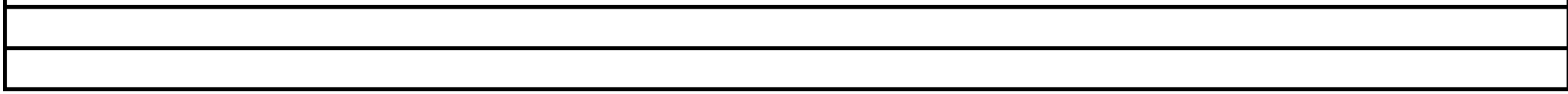
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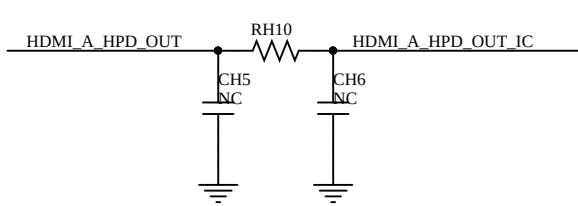
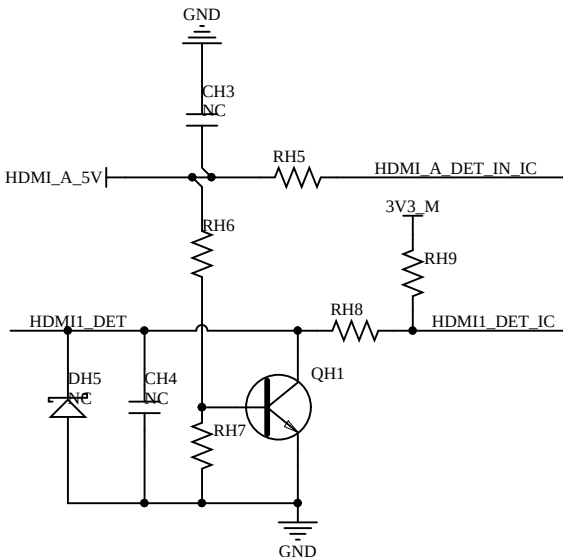
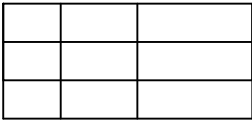
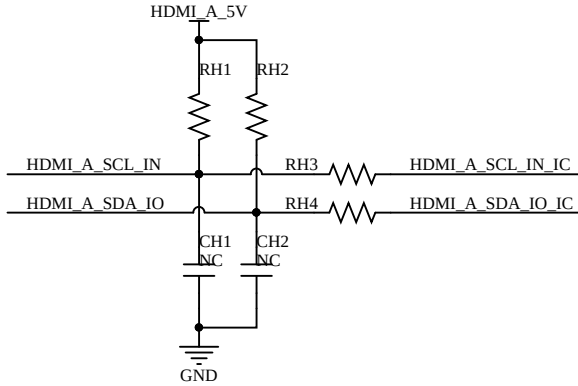
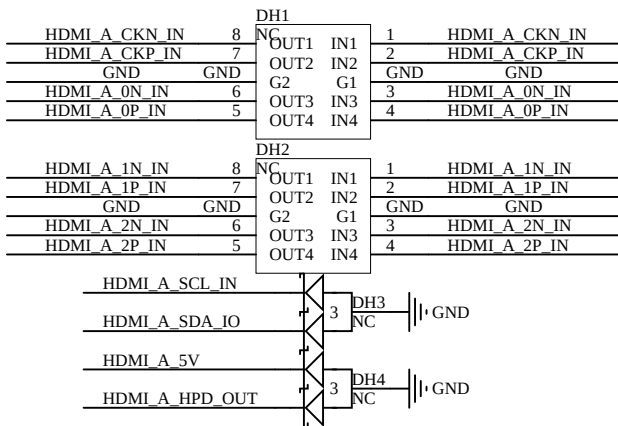
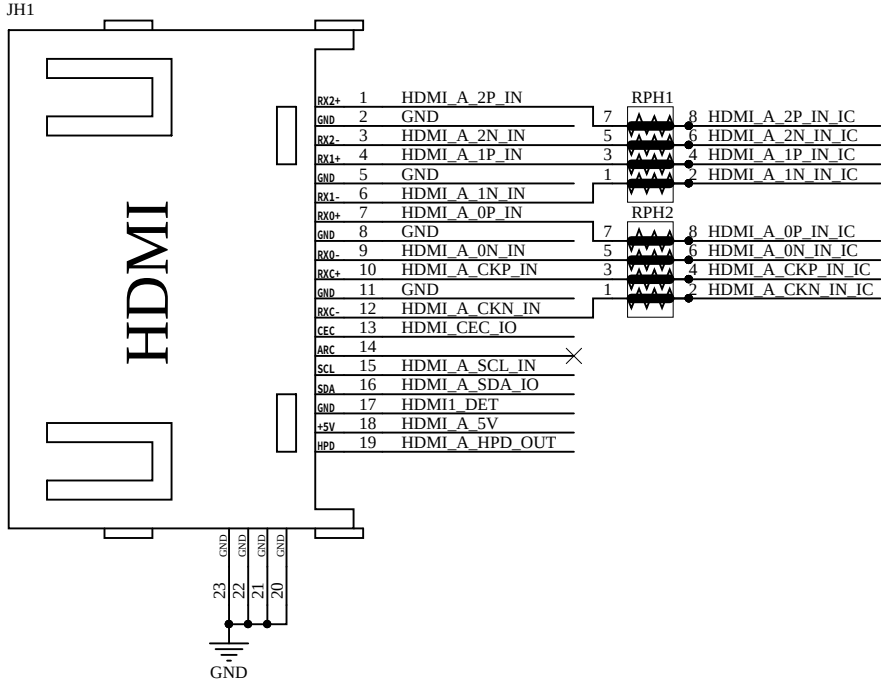
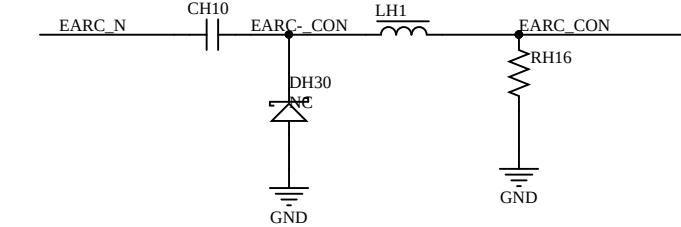
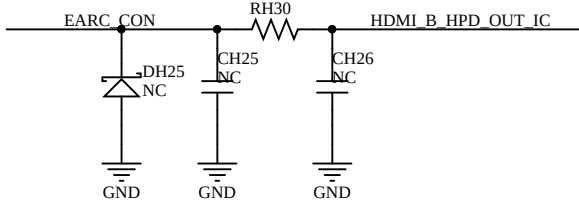
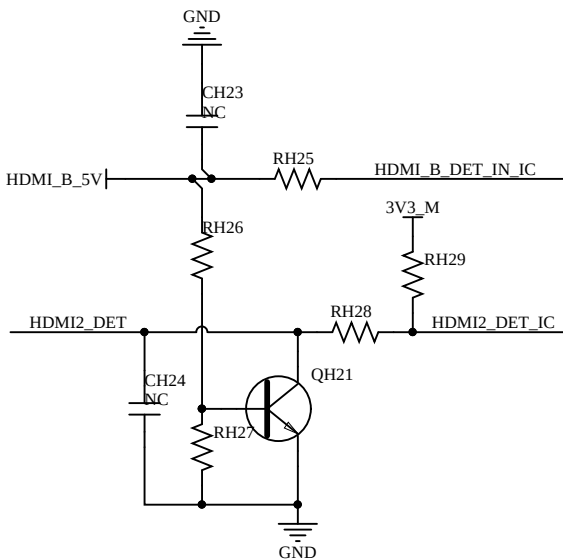
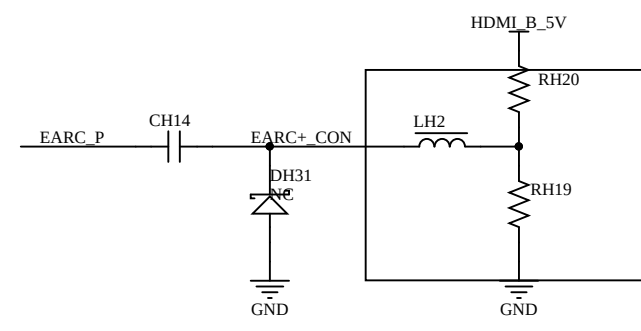
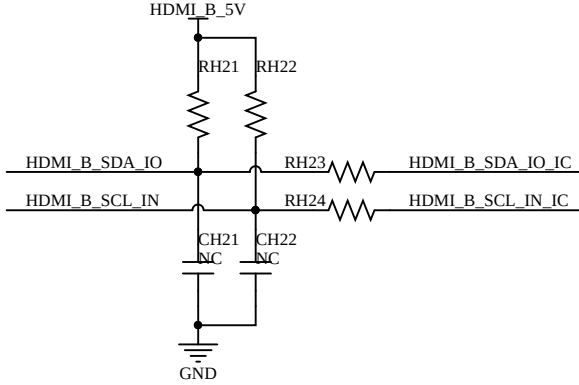
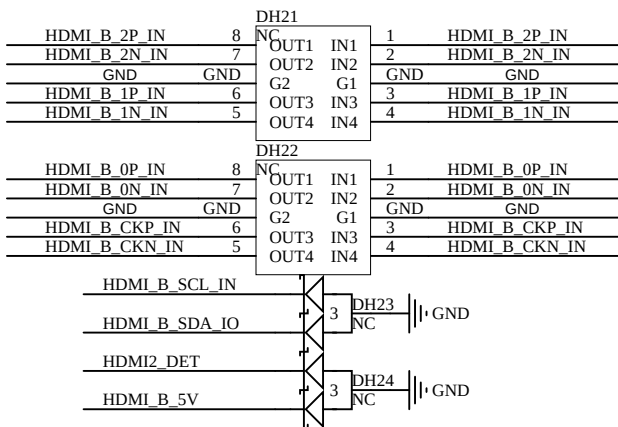
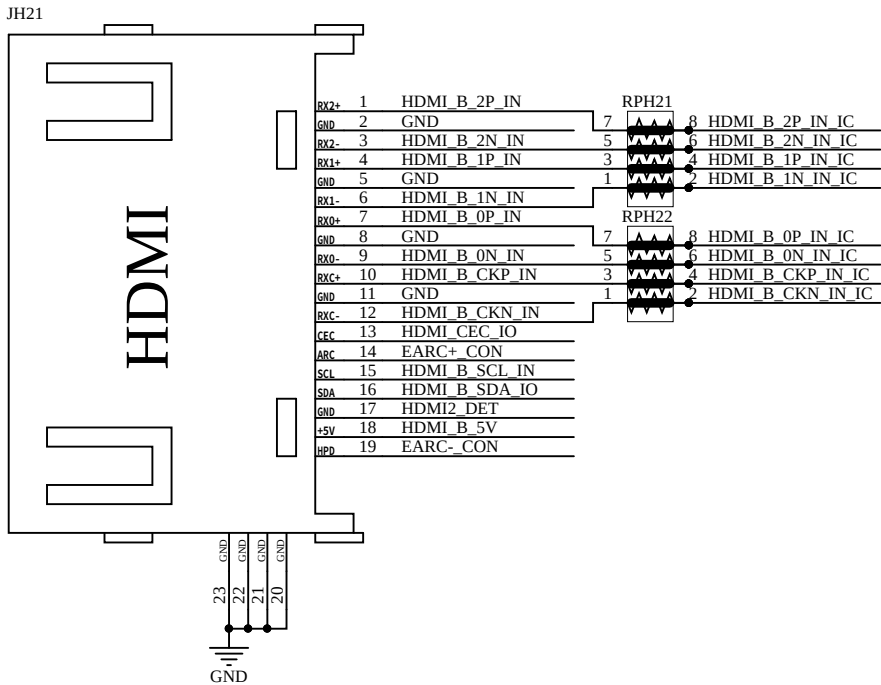
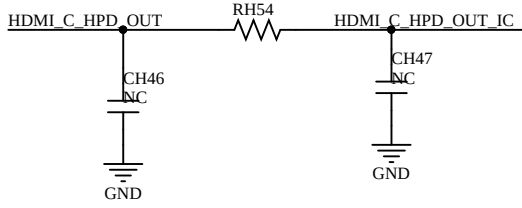
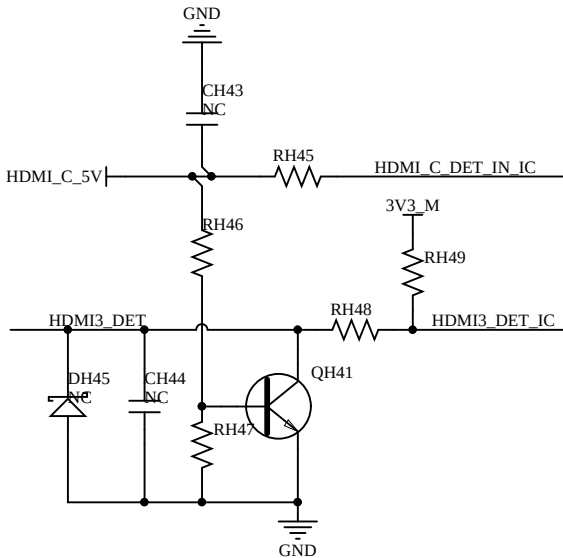
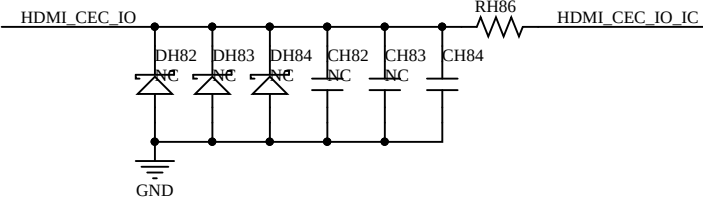
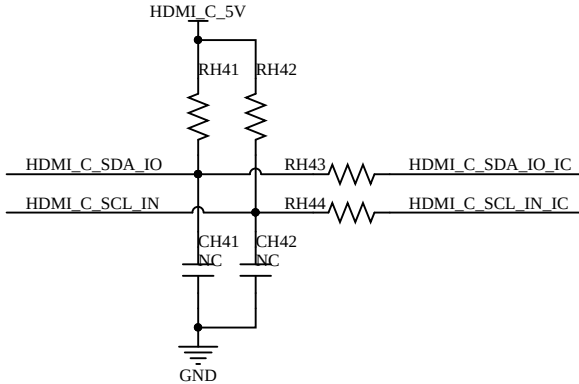
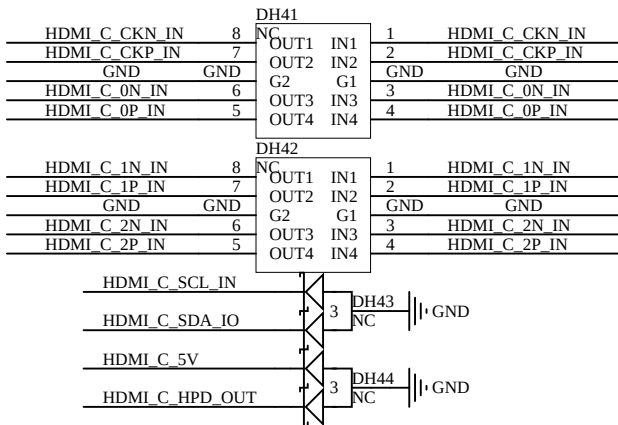
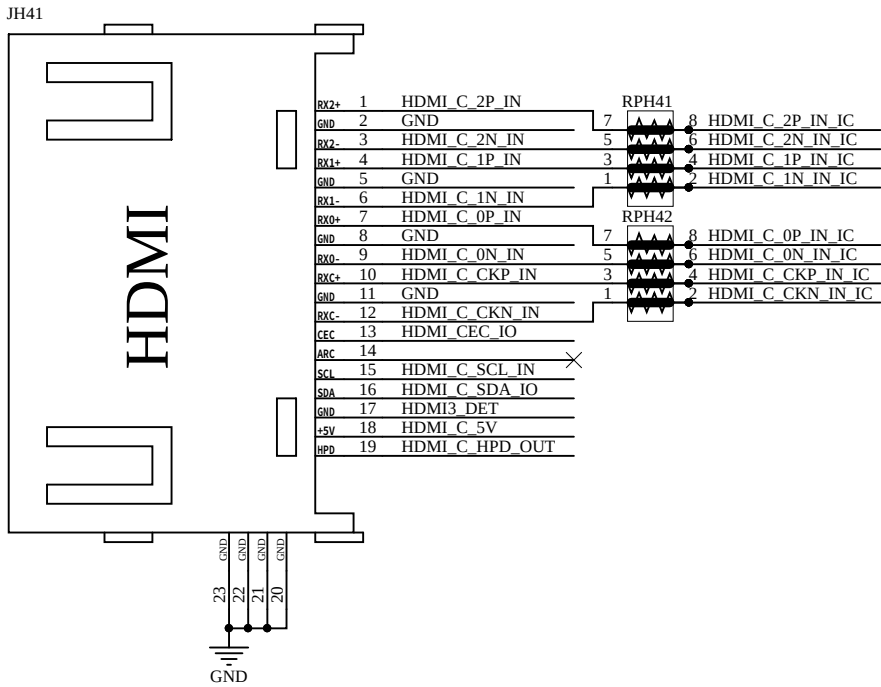
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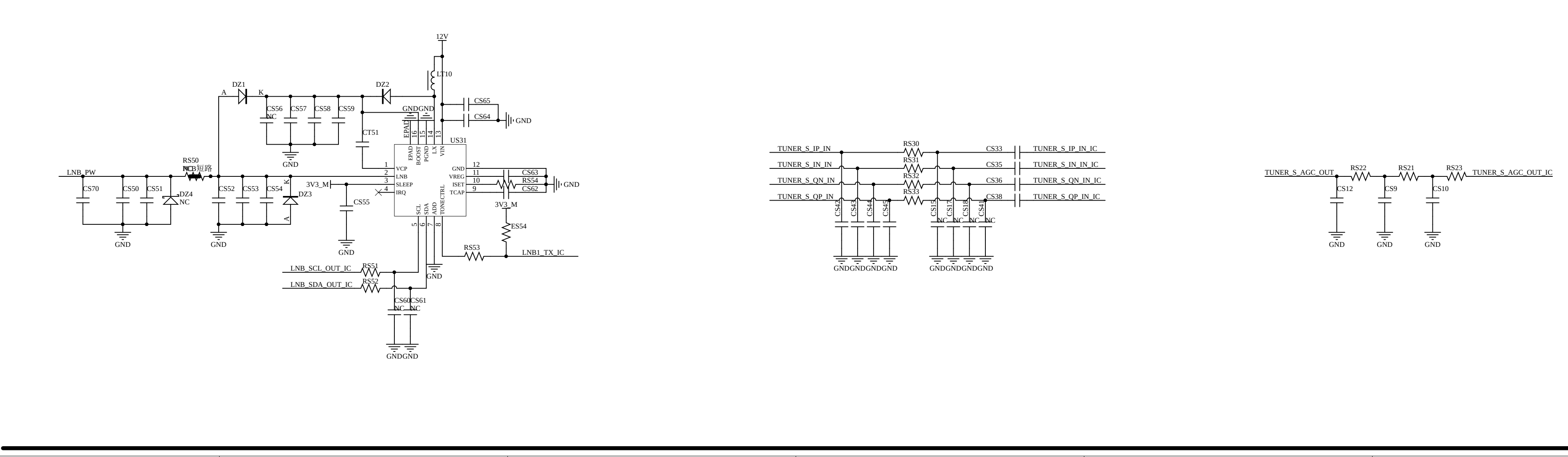
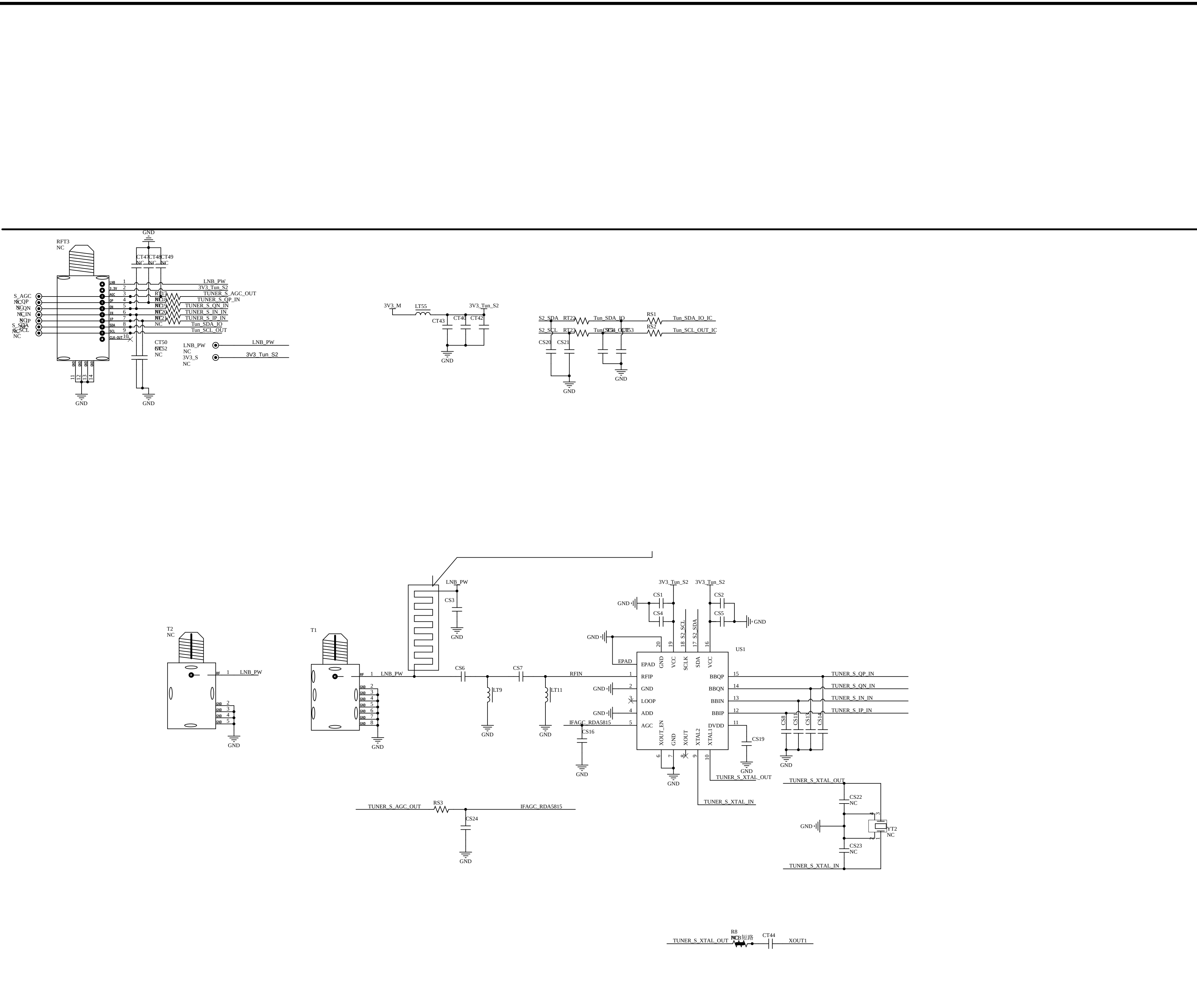
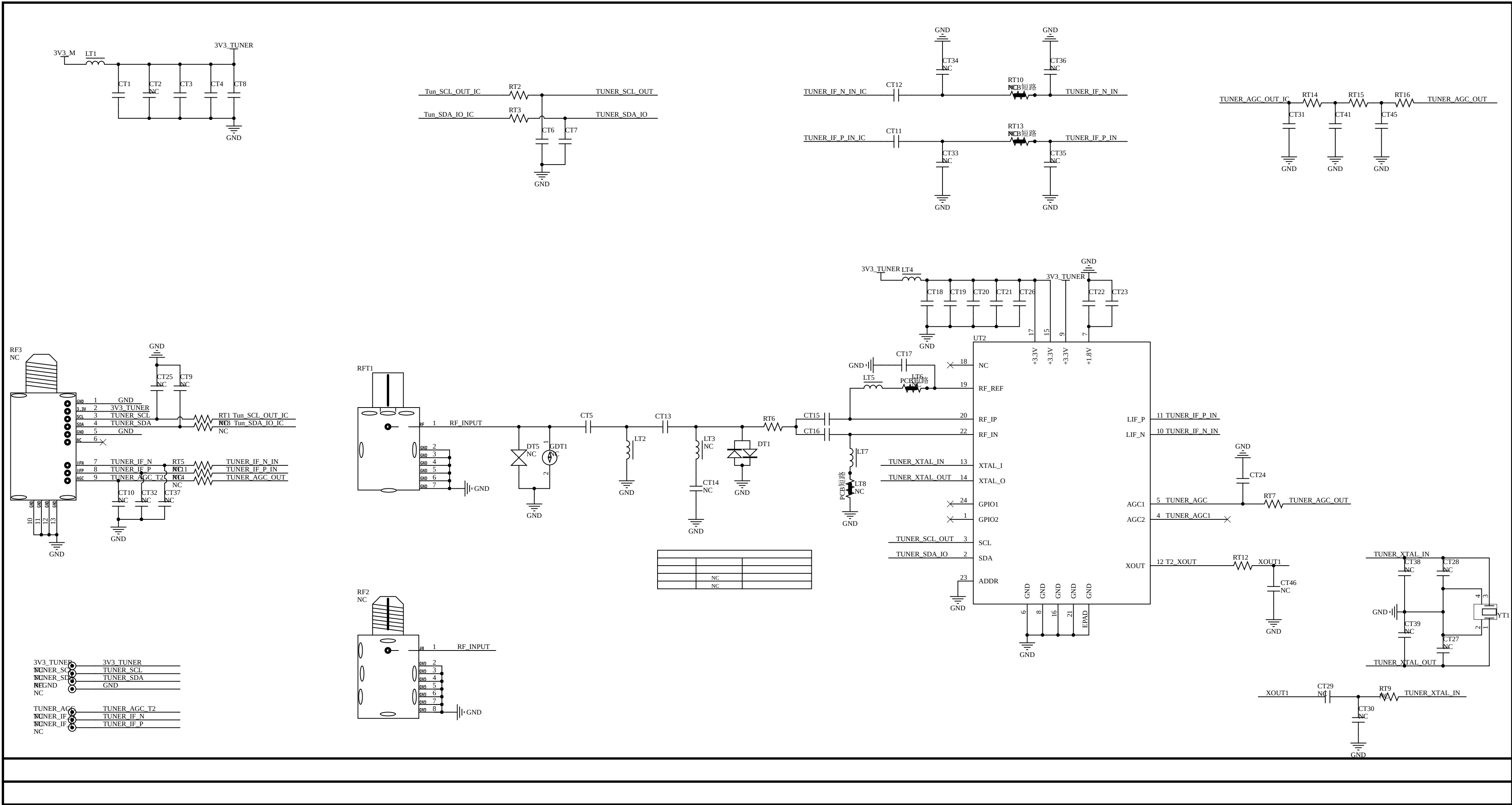


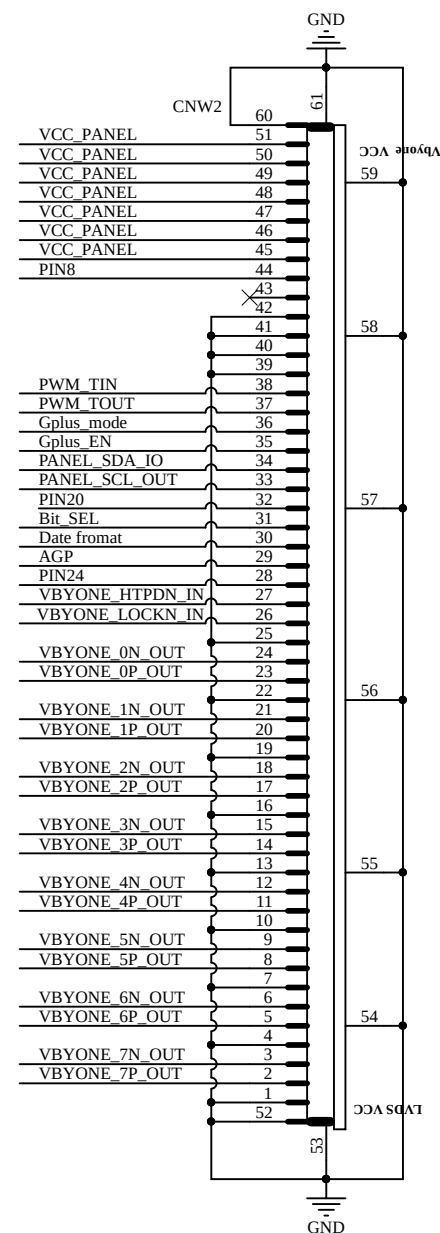
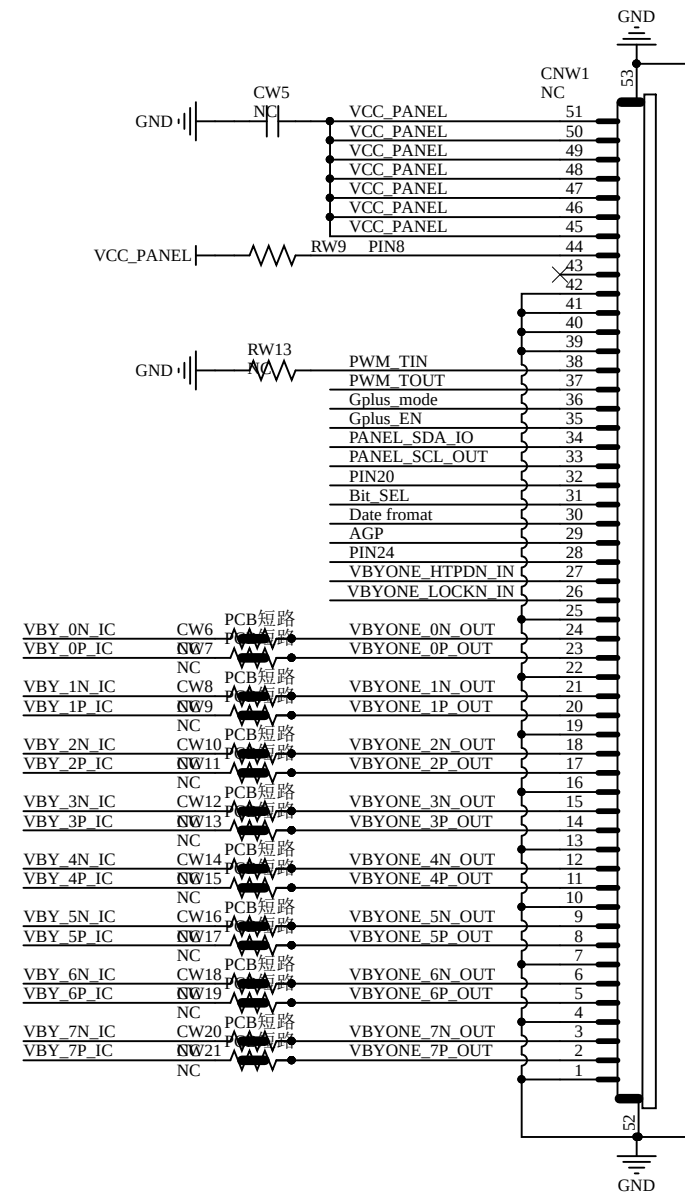
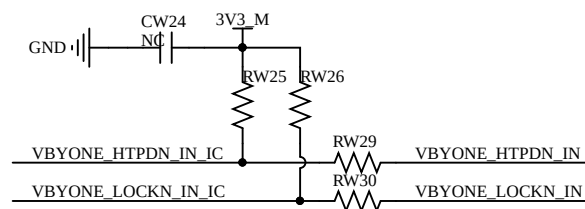
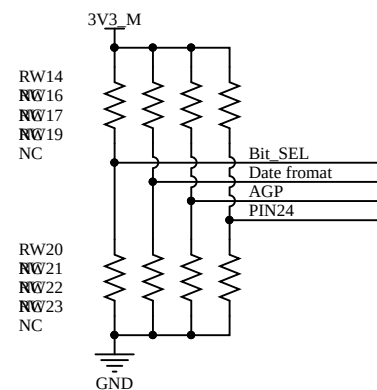
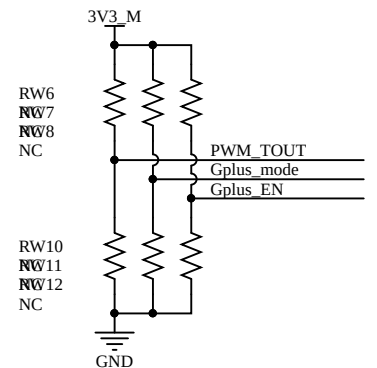
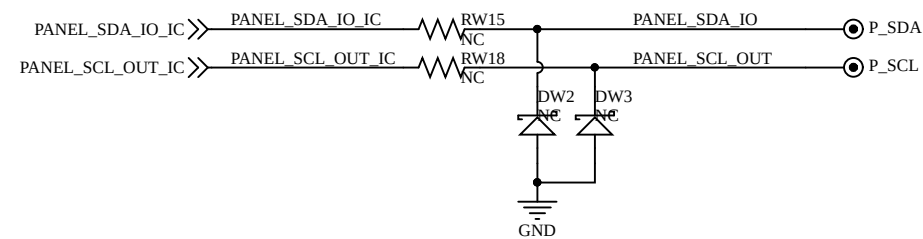
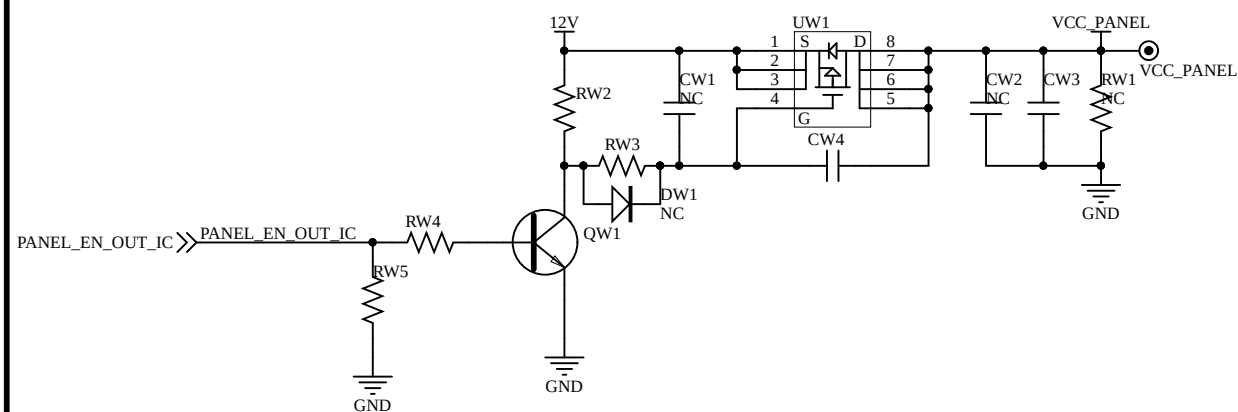












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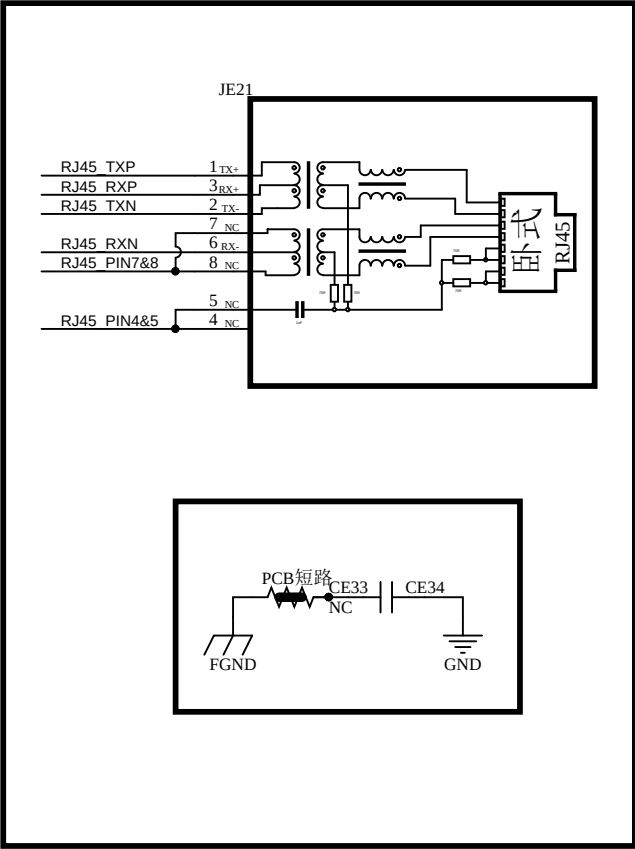
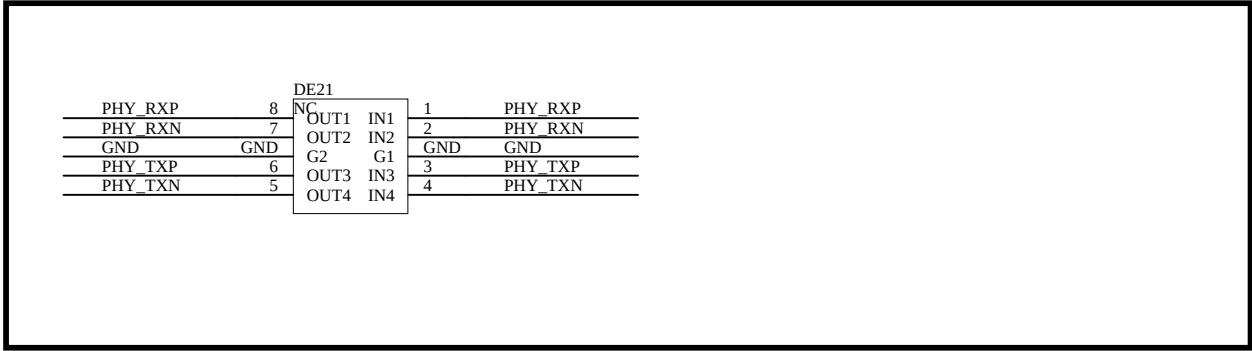
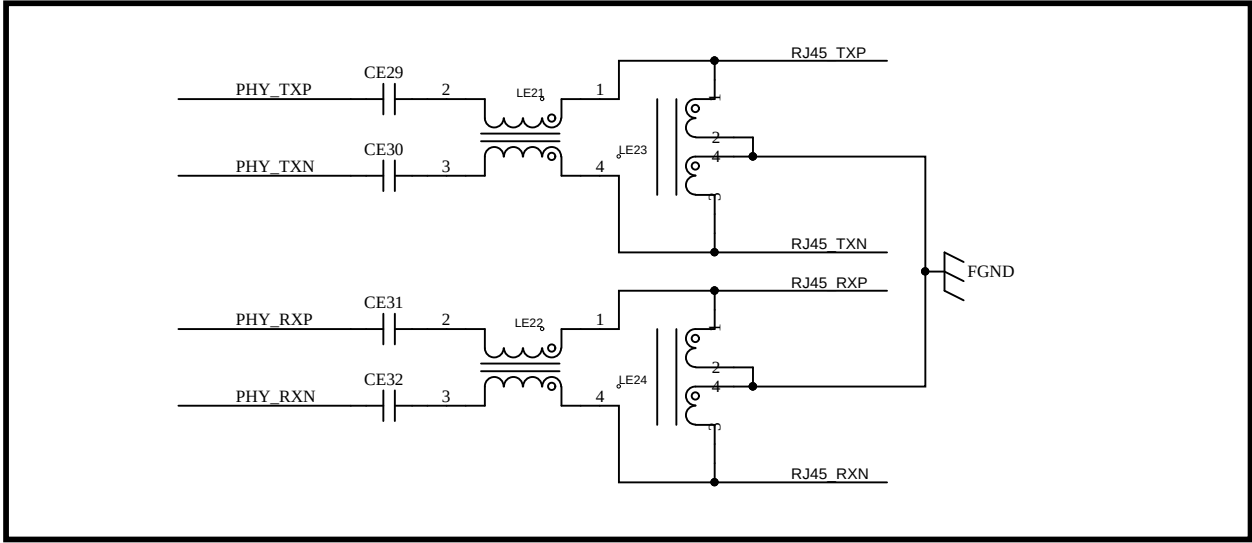
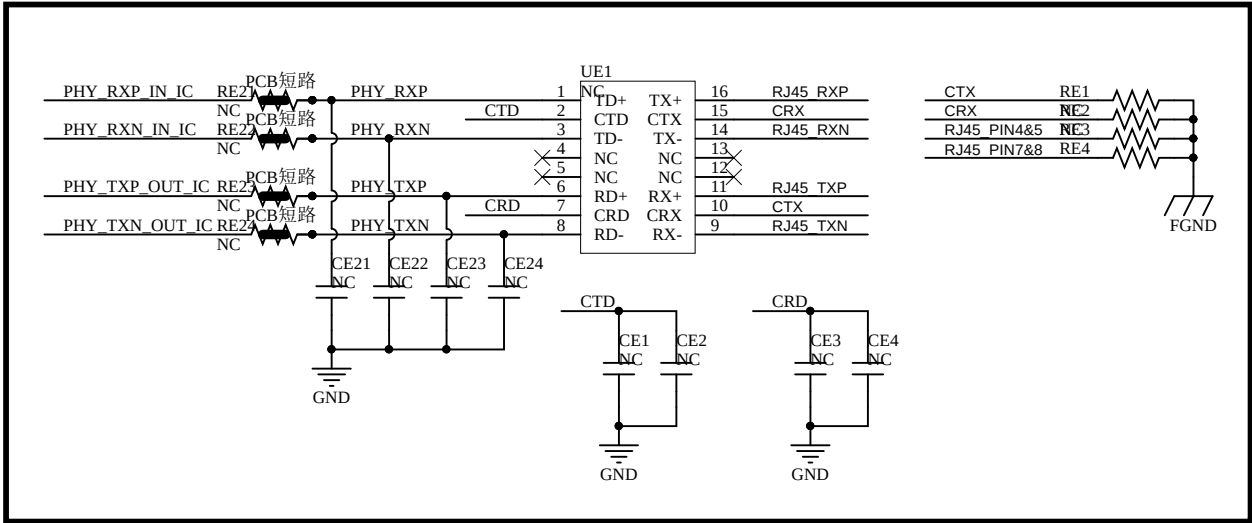
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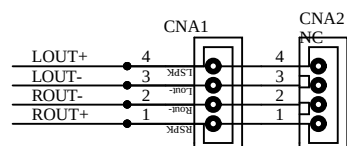
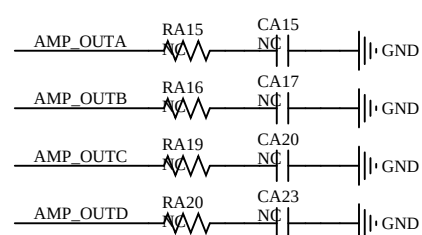
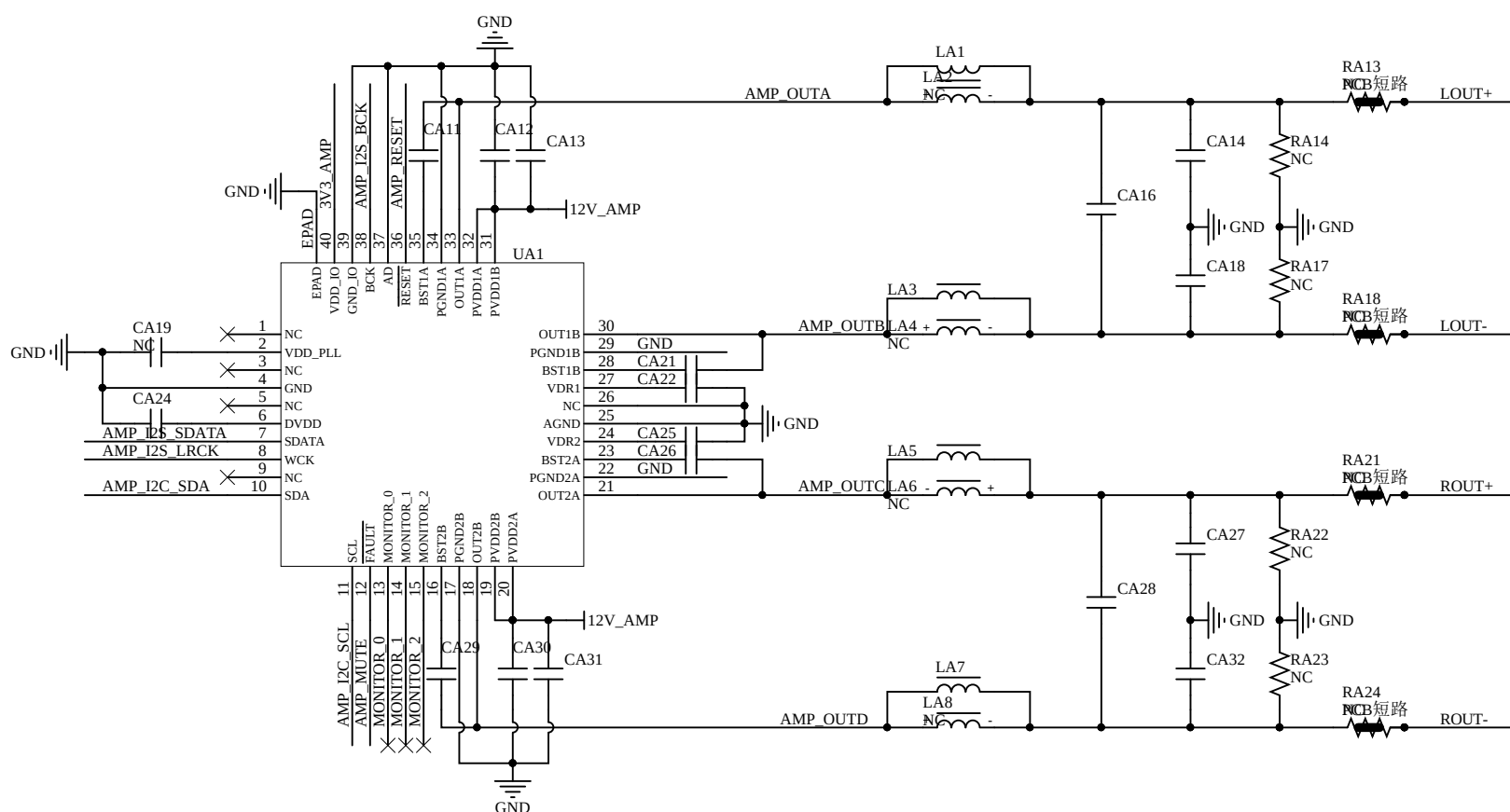
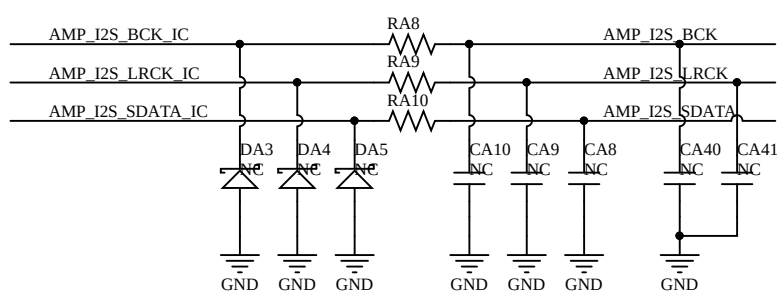
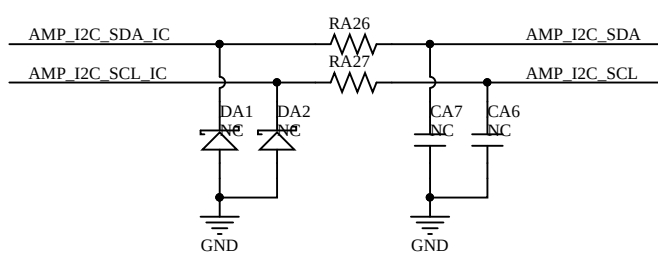
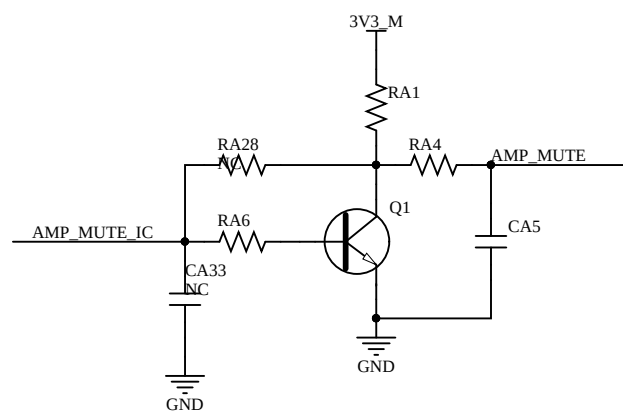
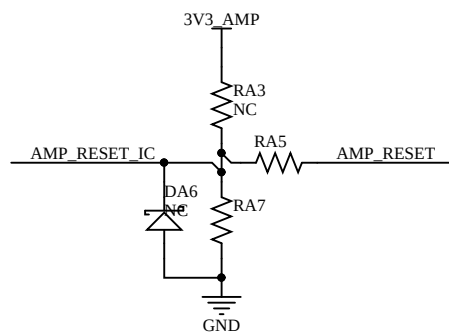
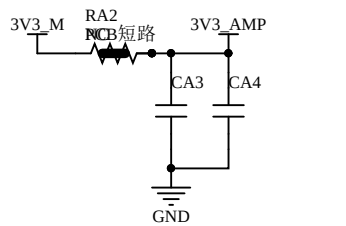
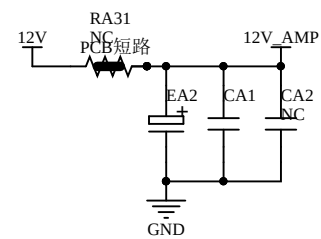
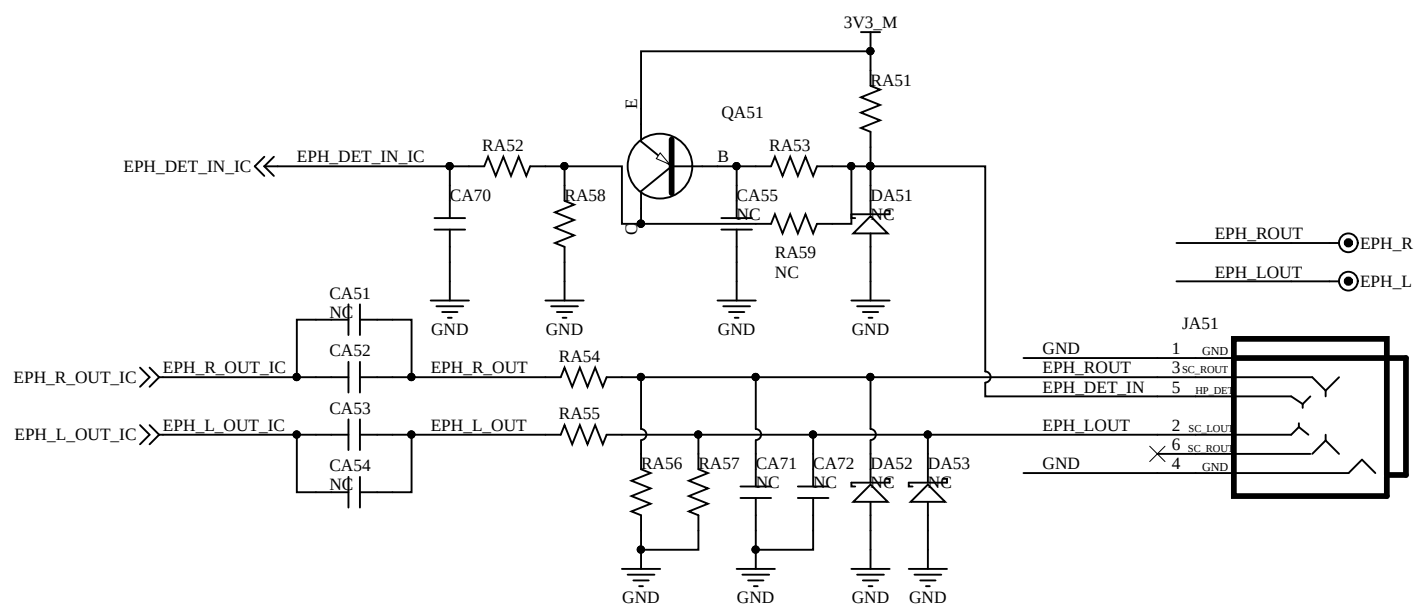
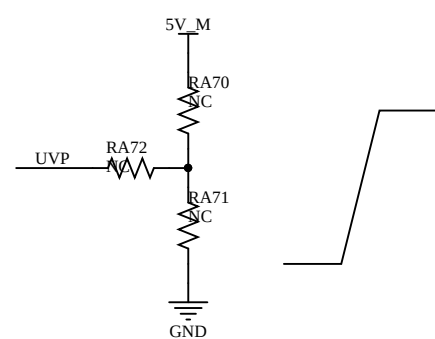
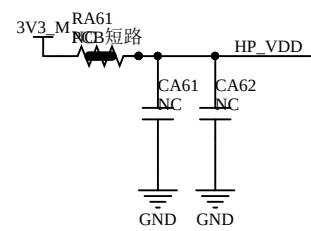
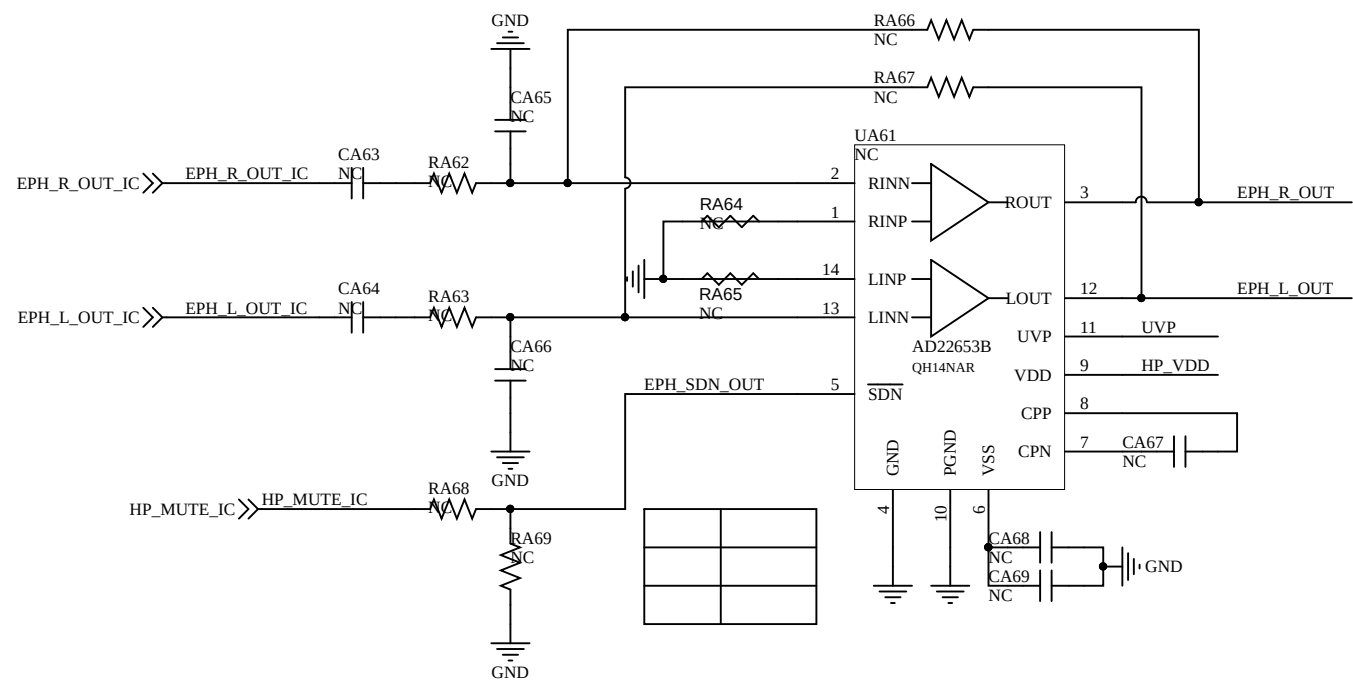
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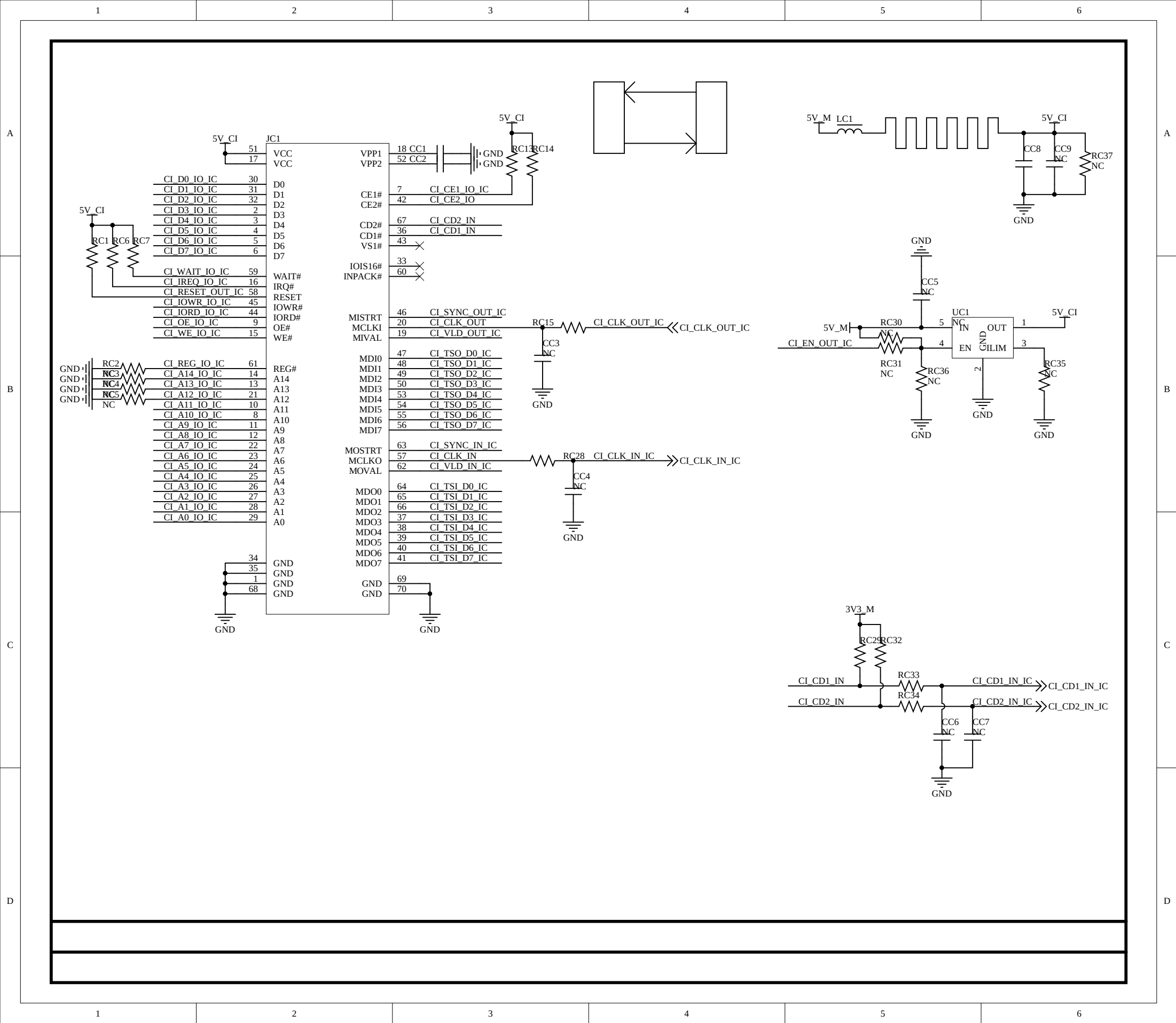
D



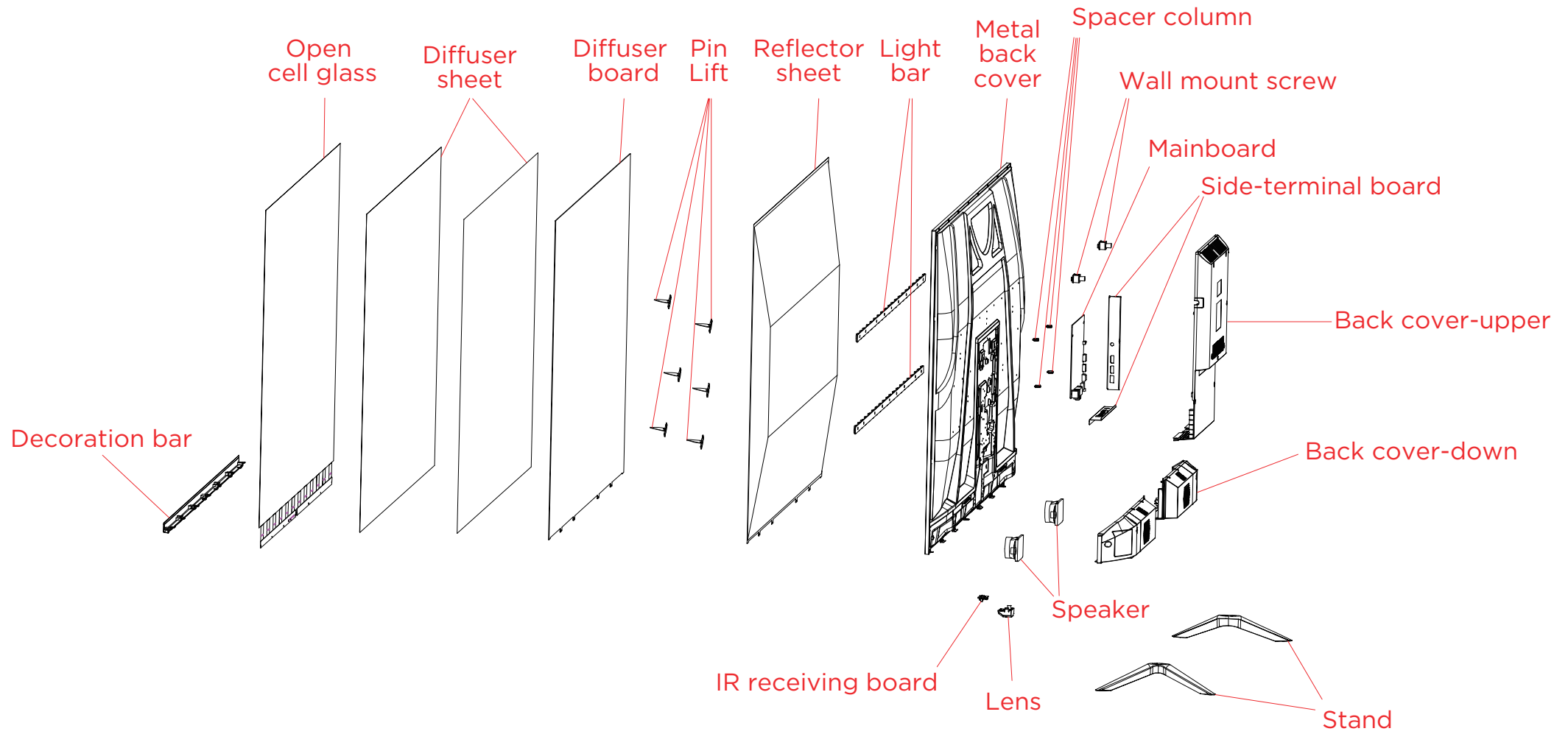


用于UA1
NC

HS_UA1
NC
YT
7.0×7.0×7.0mm



F. Exploded view

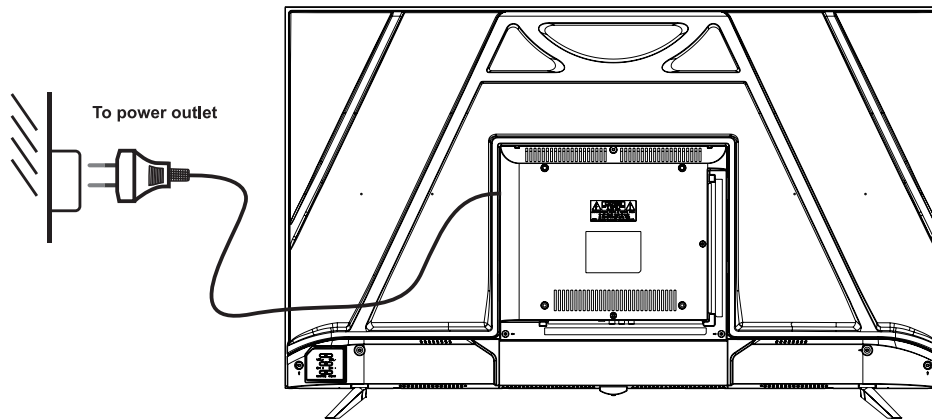


G. Wiring and connections diagram

BASIC CONNECTION

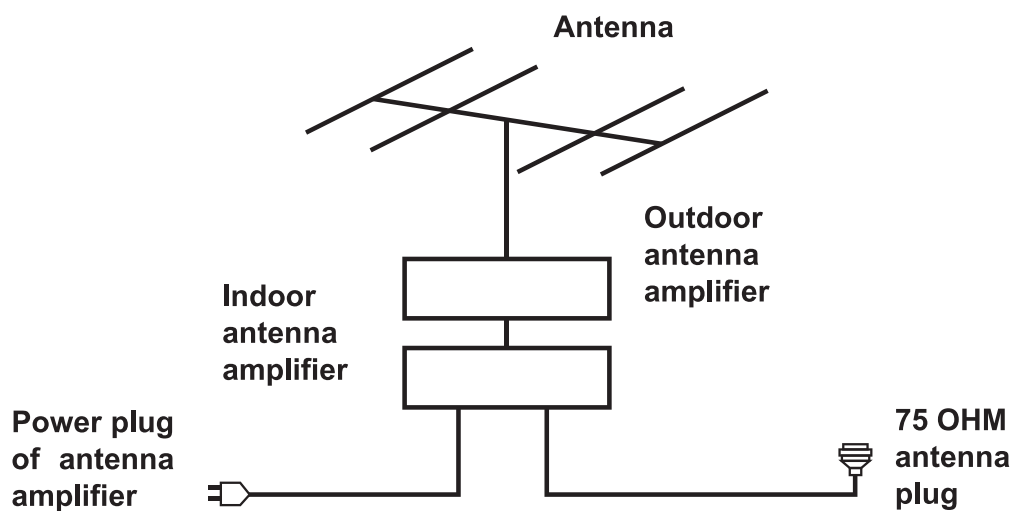
- Ensure all the cables are disconnected from the main unit before connecting to AC power source.
- Read through the instructions before connecting other equipments.

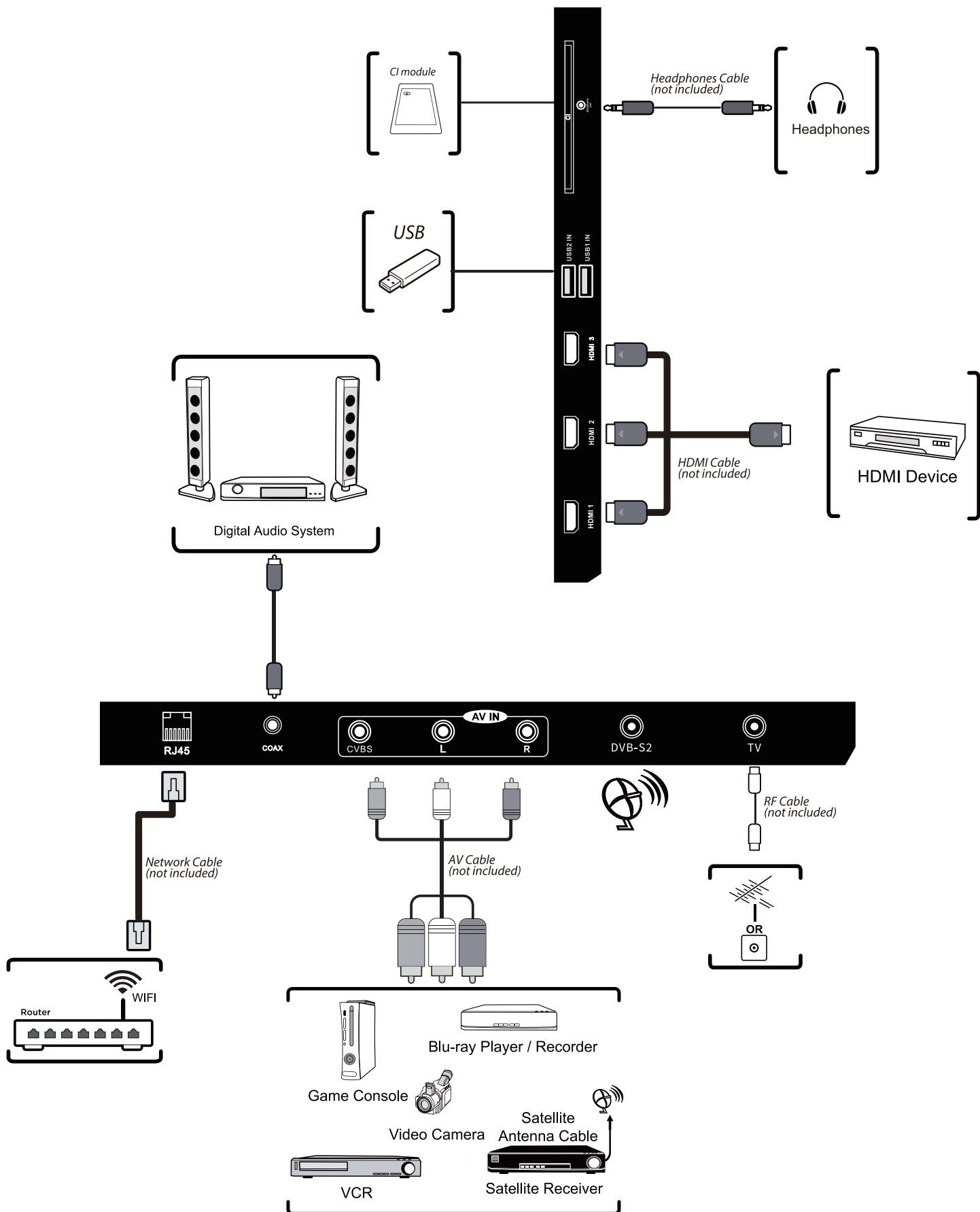
CONNECTING TO THE AC POWER



CONNECT EXTERNAL ANTENNA TO UNIT

Install external antenna into antenna jack for best picture.





H. Contact

If you would like to make a purchase or enquire about our prices for spare parts, please contact our customer service using one of the following methods:

Telephone number: +33 1 48 10 55 38 / +33 1 48 10 55 61

E-mail address: sceclient@innelec.com