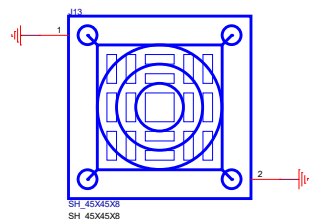


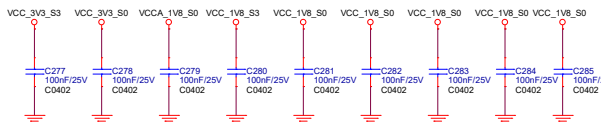
Revsion V1.1:

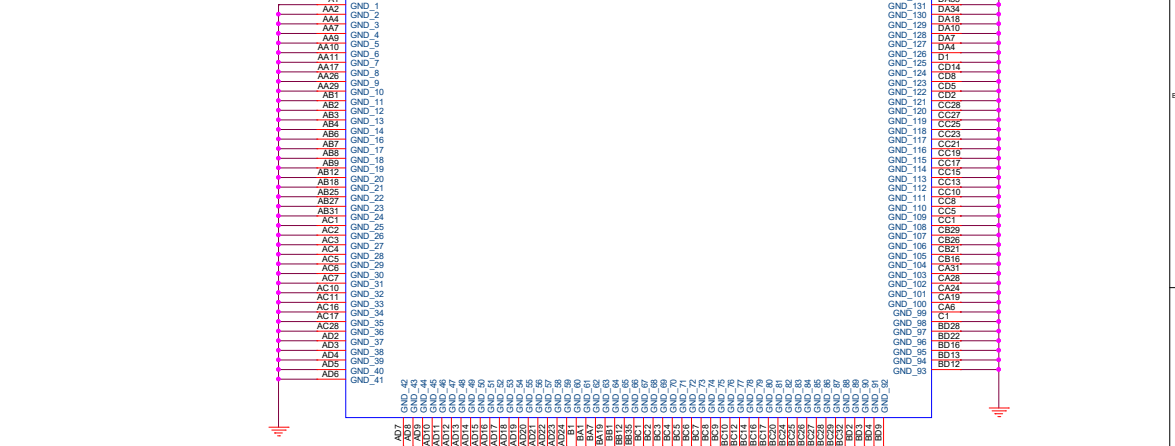
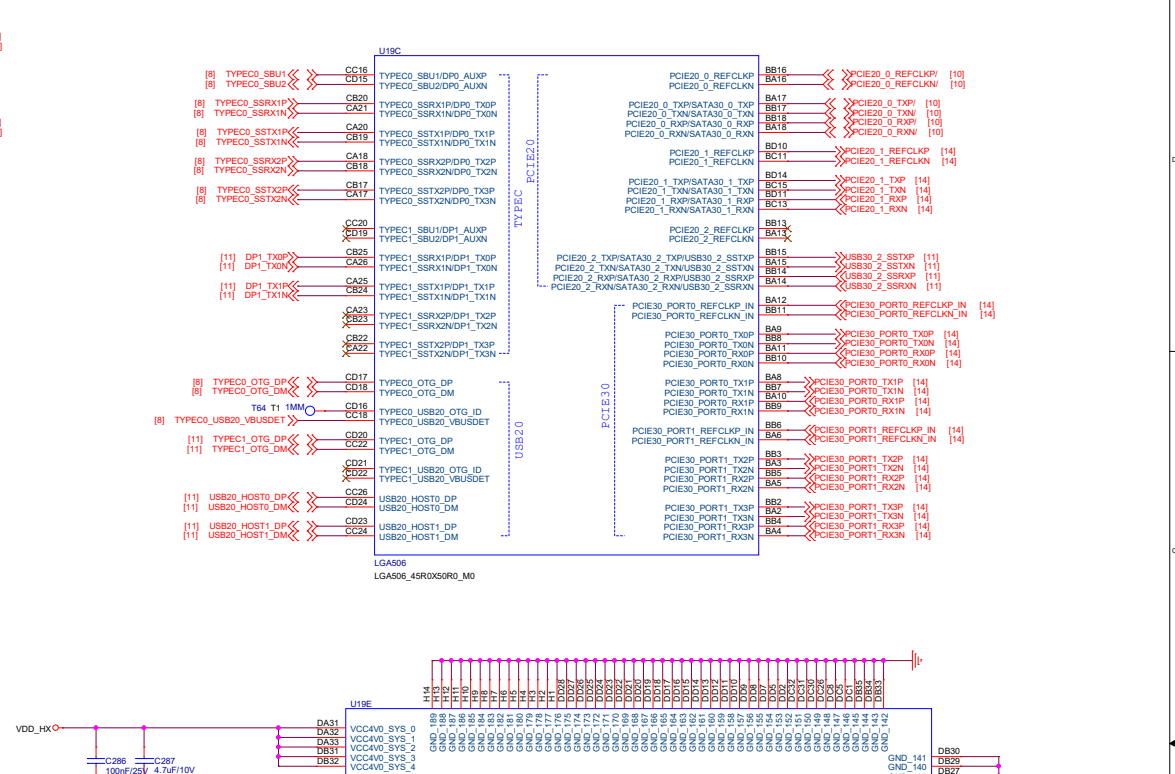
- 1.PCBPackage change: USBx2=J8, touch switch=SW1/SW2/SW3, TF Card=J16,Typec=J20;
- 2.PCBPackage change: Debug CON=J10, 32.768KHz=X1; Shield=J13;
- 3.Fan =J11 change to 3 line;

LGA506  
LGA506\_45R0X50R0\_M0

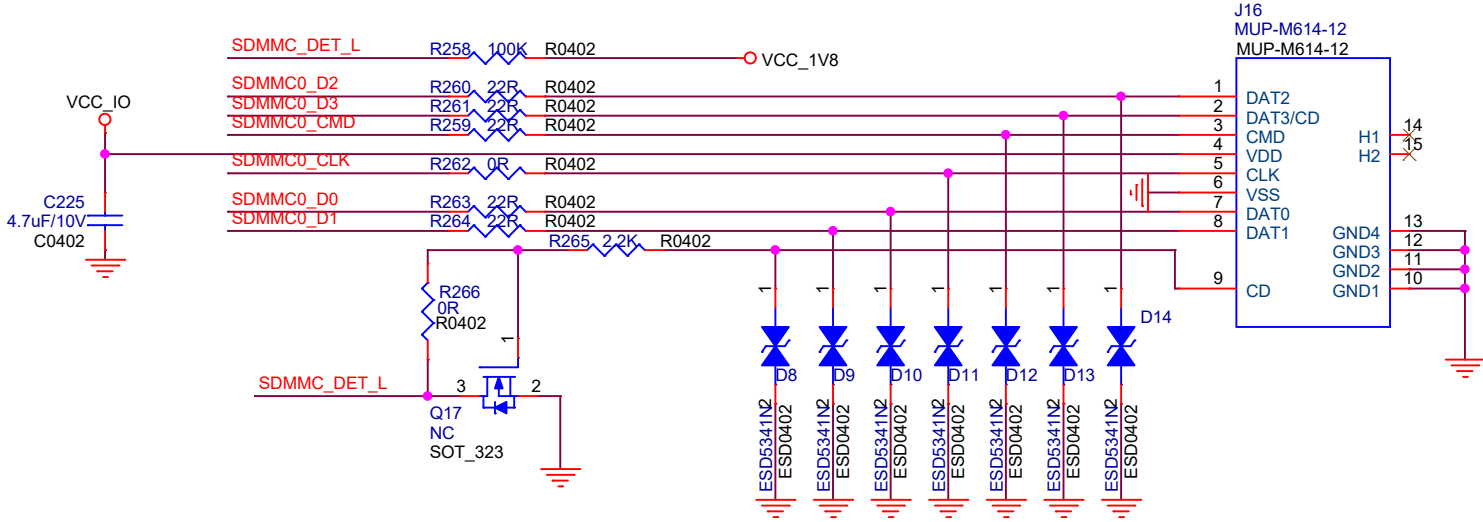


LGA506  
LGA506\_45R0X50R0\_M0

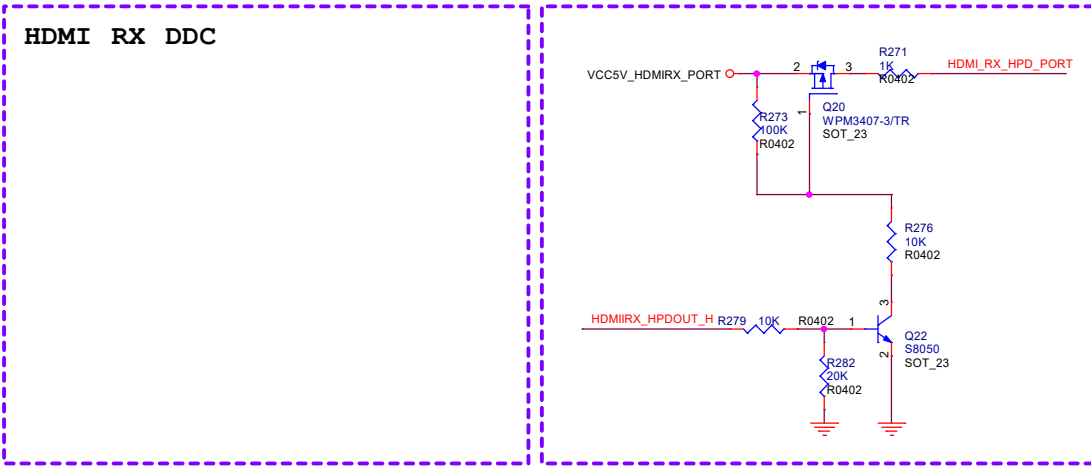
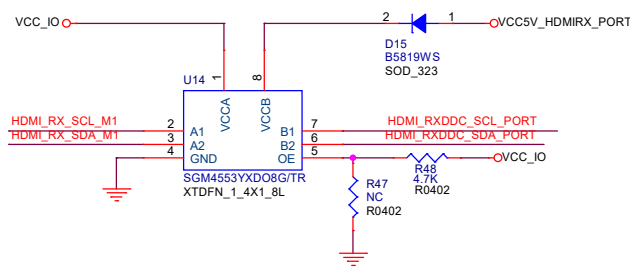
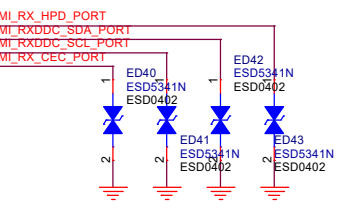
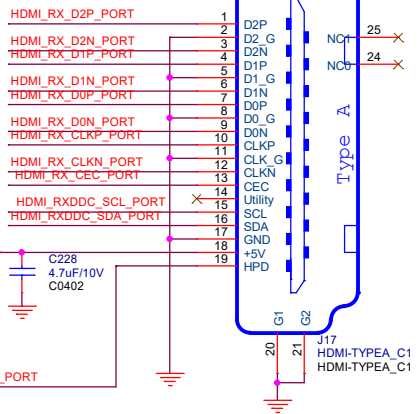
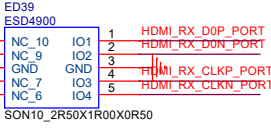
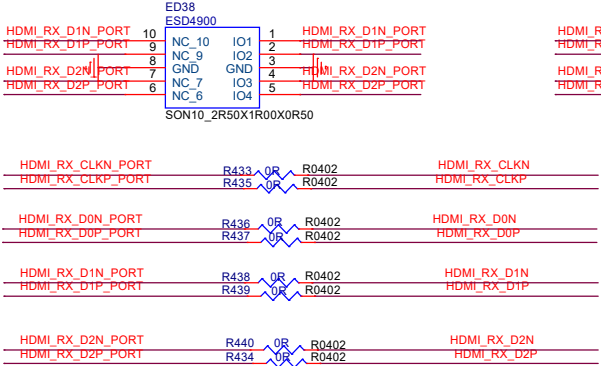
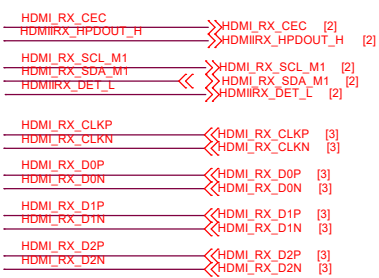




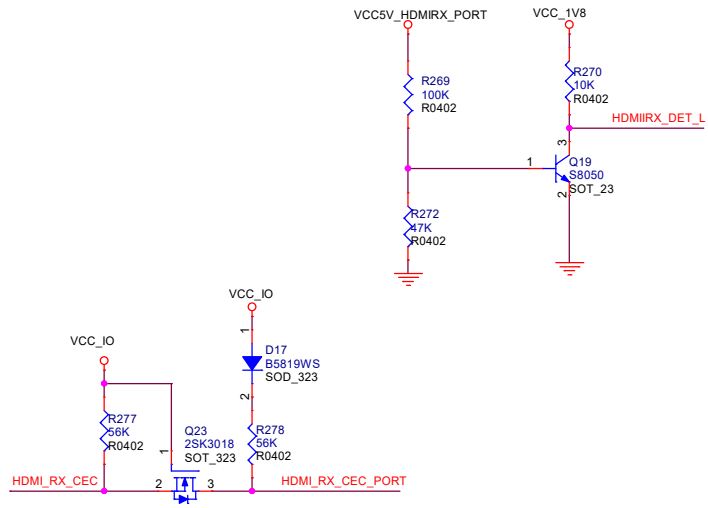
# TF CARD



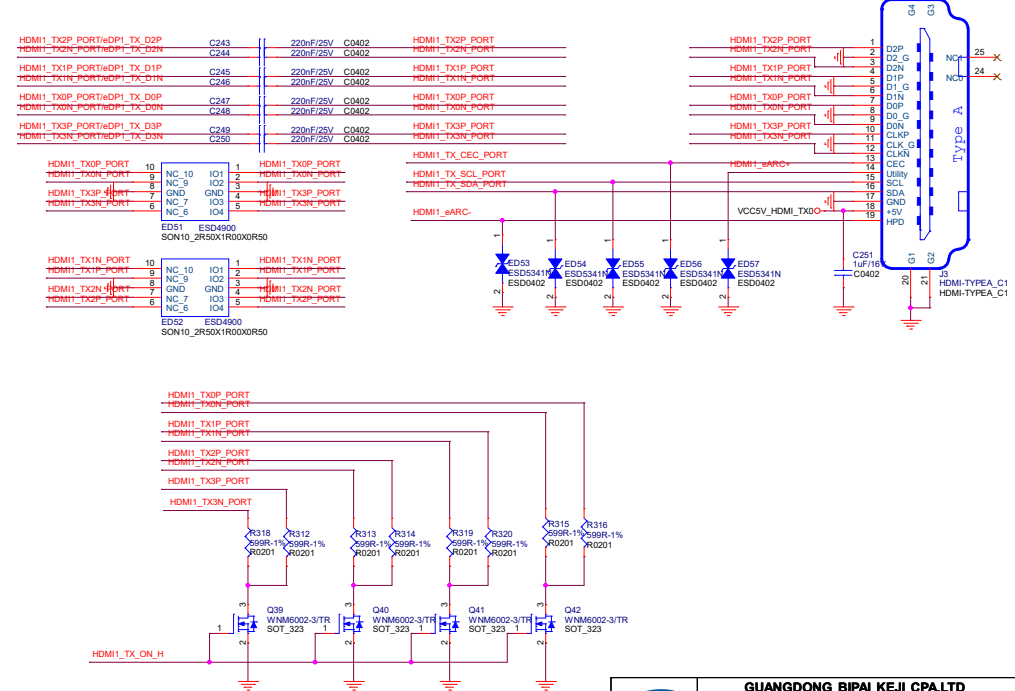
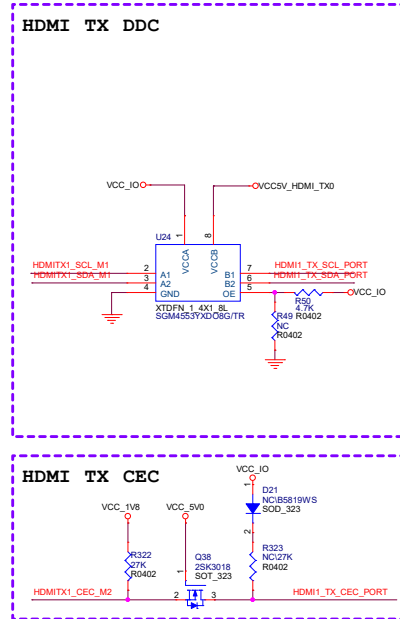
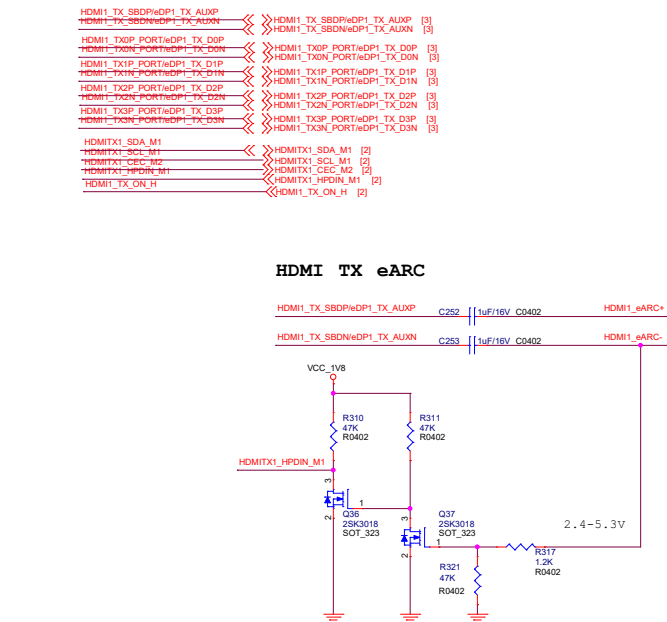
HDMI2.0 RX

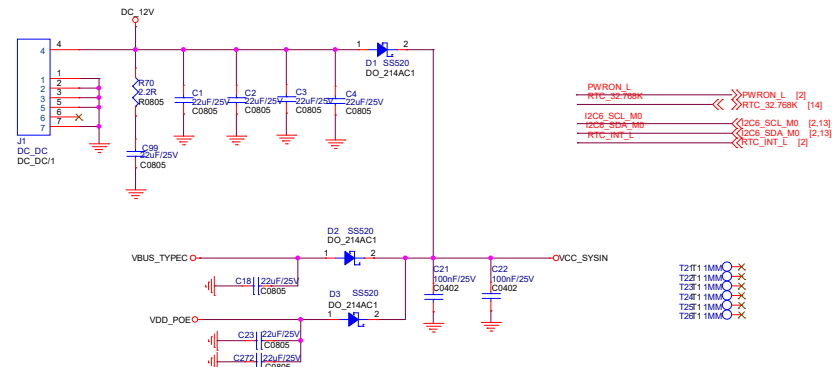
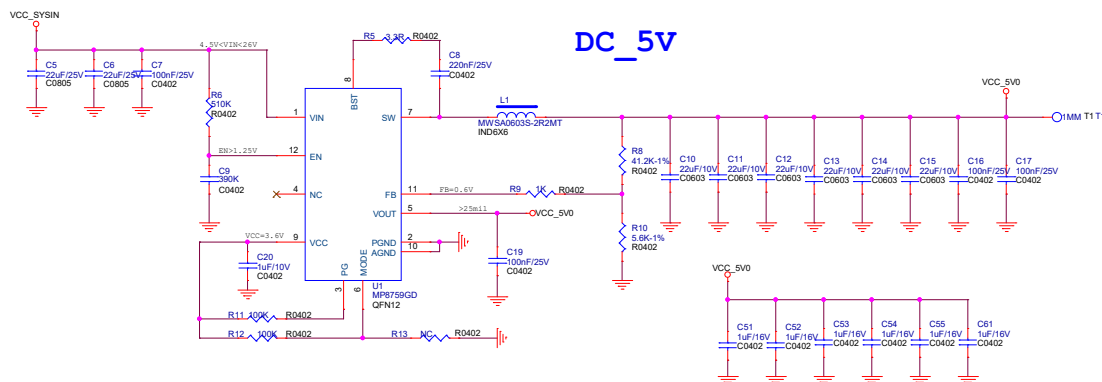


HPD: Sink Side: Require output, Min 2.4V; Max 5.3V  
Source Side: Require input and Detection.  
Min 2.0V, Max: 5.3V



## HDMI TX1





PWRON\_L

RTC\_32768K

RTC\_32768K [14]

IC26\_SCL\_M0

IC26\_SDA\_M0

IC26\_SDA\_M0 [2,13]

RTC\_INT\_L

RTC\_INT\_L [2]

T2T1 1MM

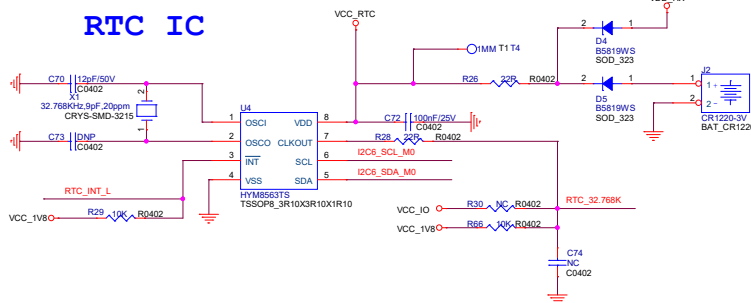
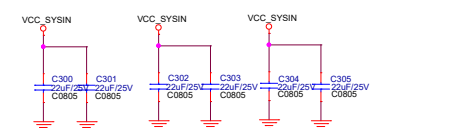
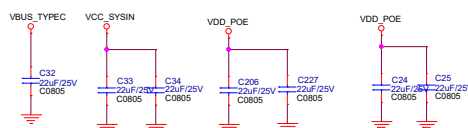
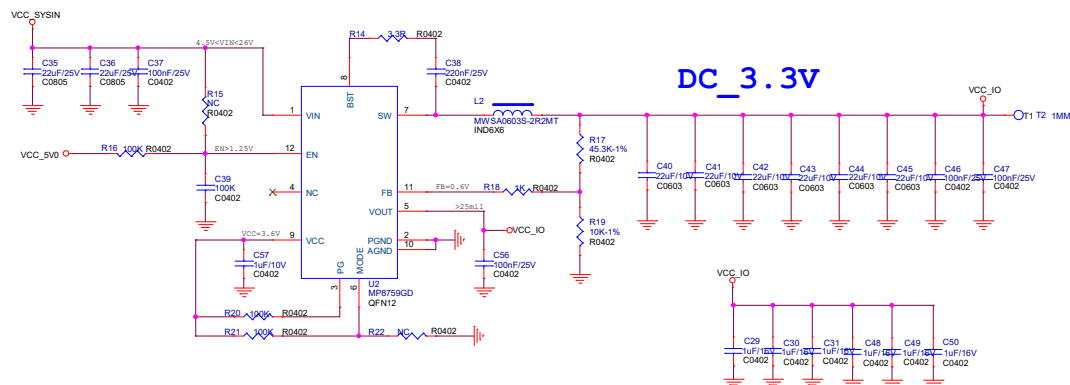
T2T1 1MM

T2T1 1MM

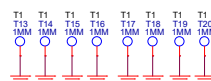
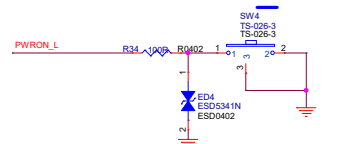
T2T1 1MM

T2T1 1MM

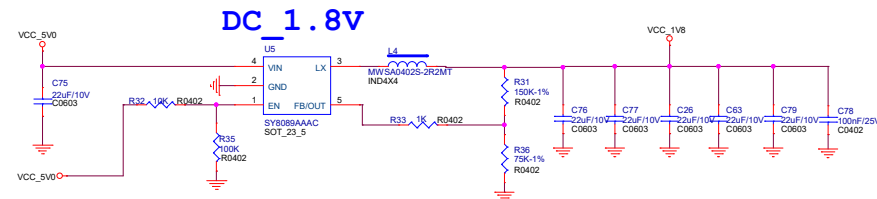
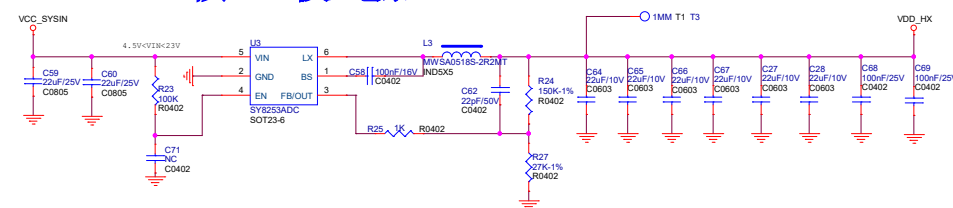
T2T1 1MM

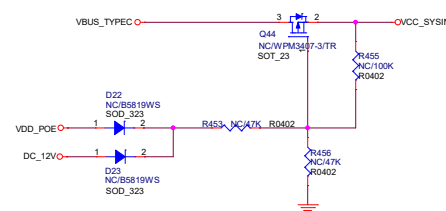
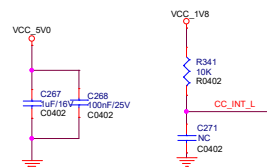
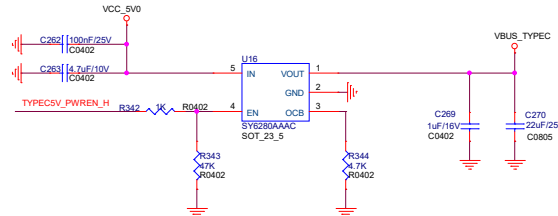
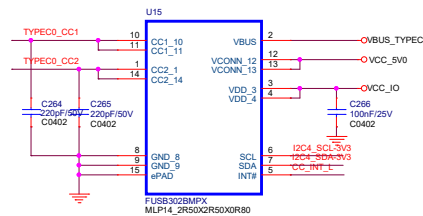
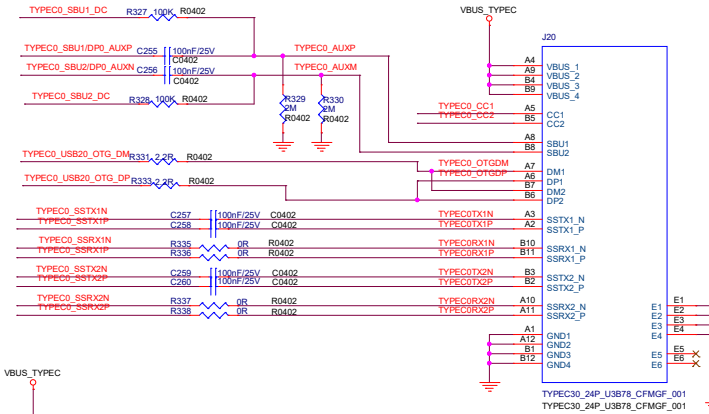
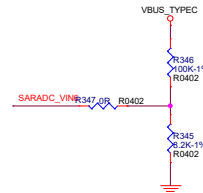
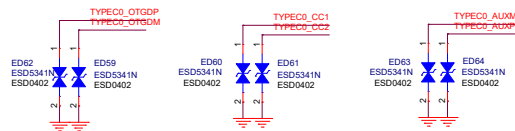
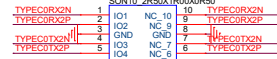
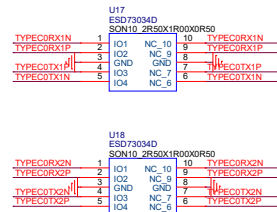
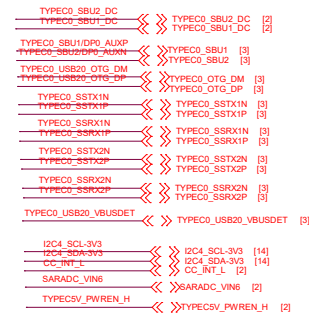


## POWER KEY

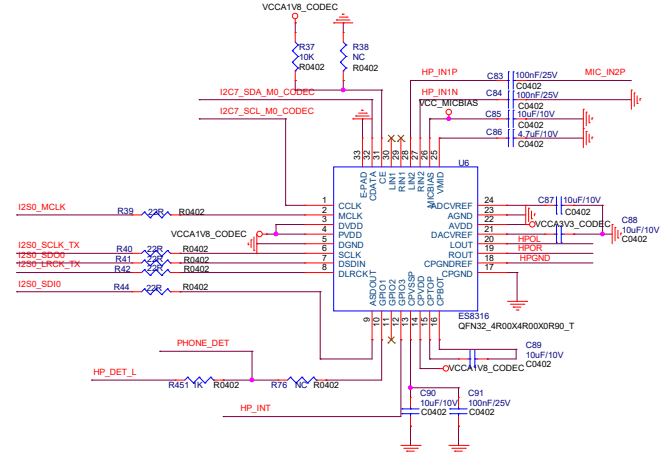
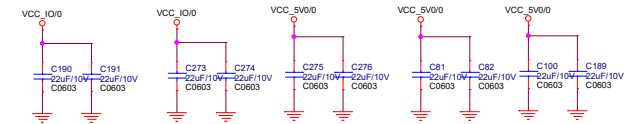
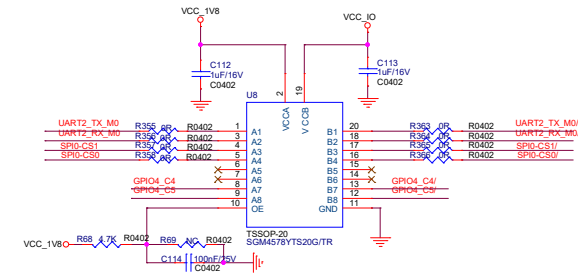
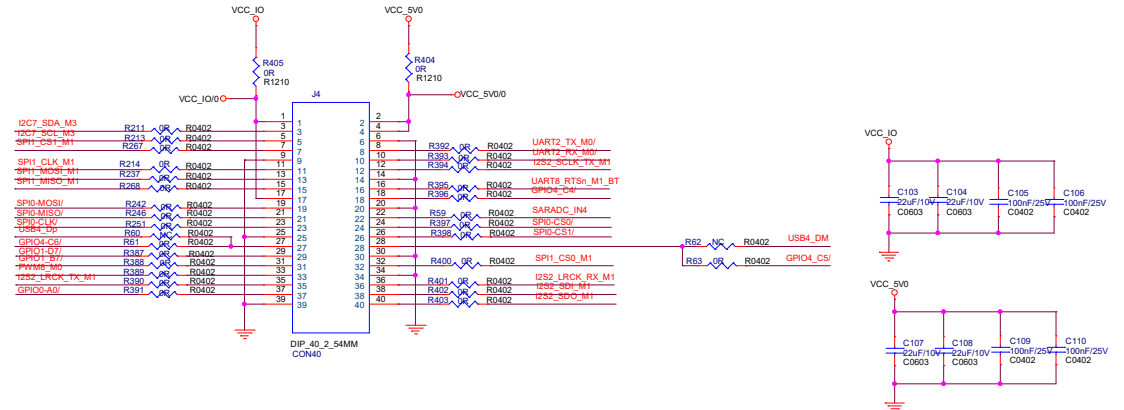
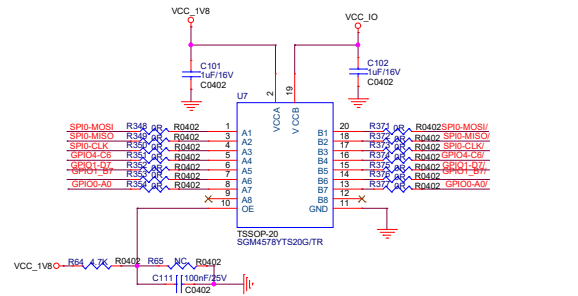


## 核心板电源

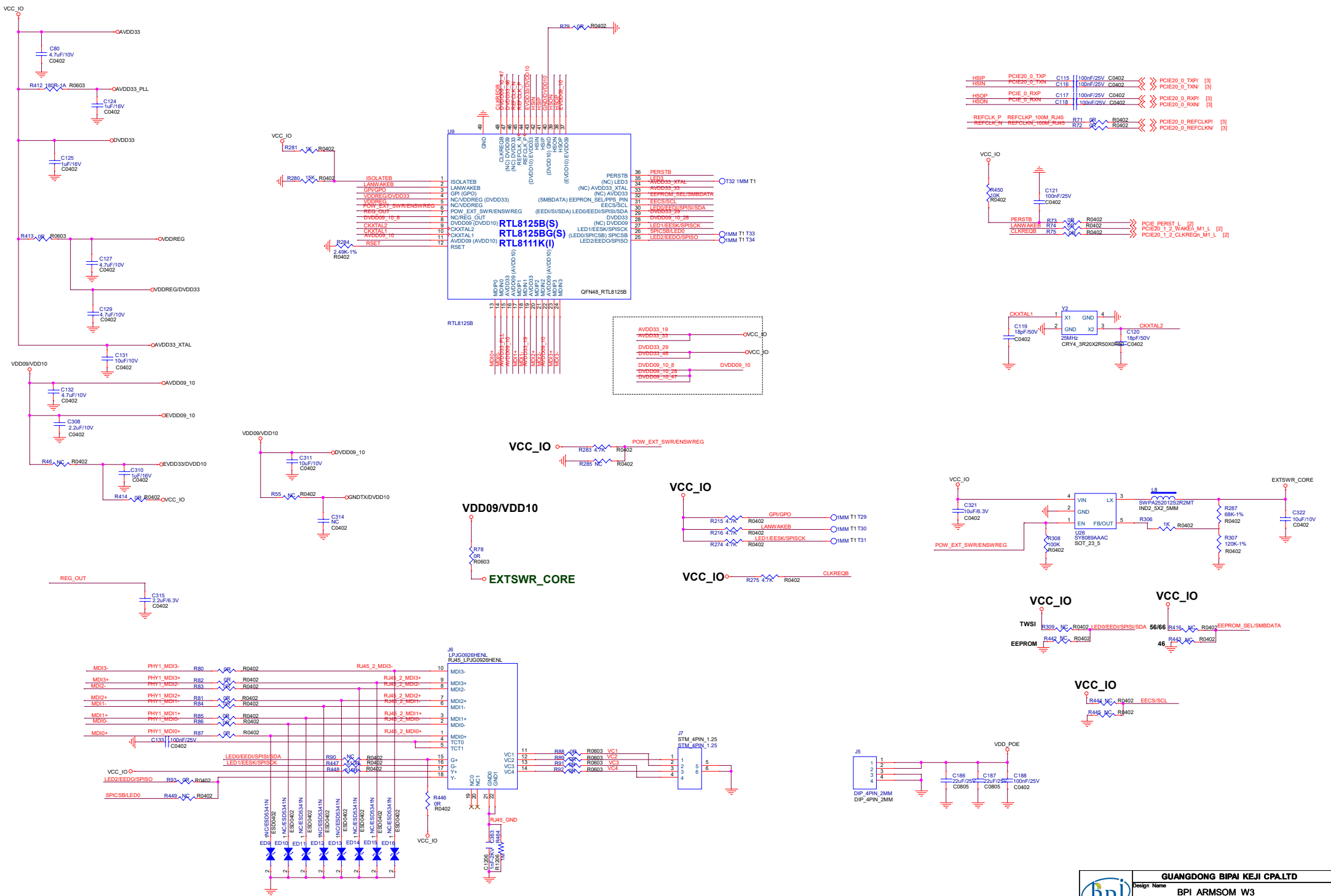




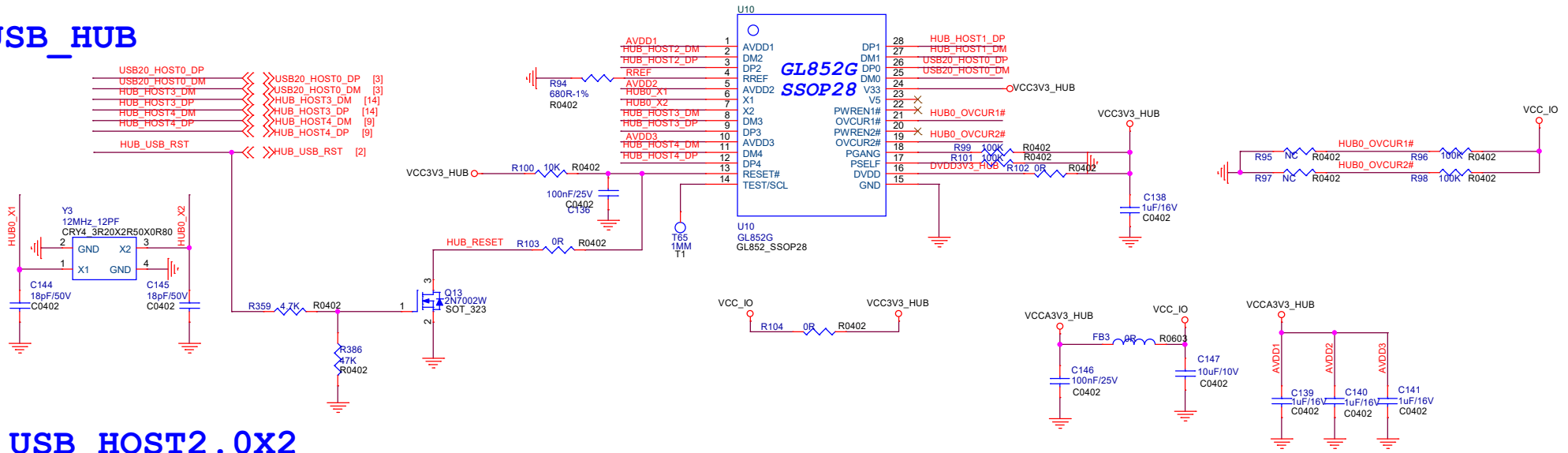


[illegible]

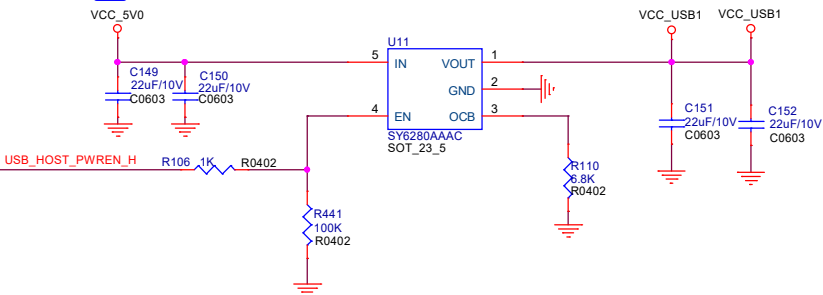
PCIE TO RJ45



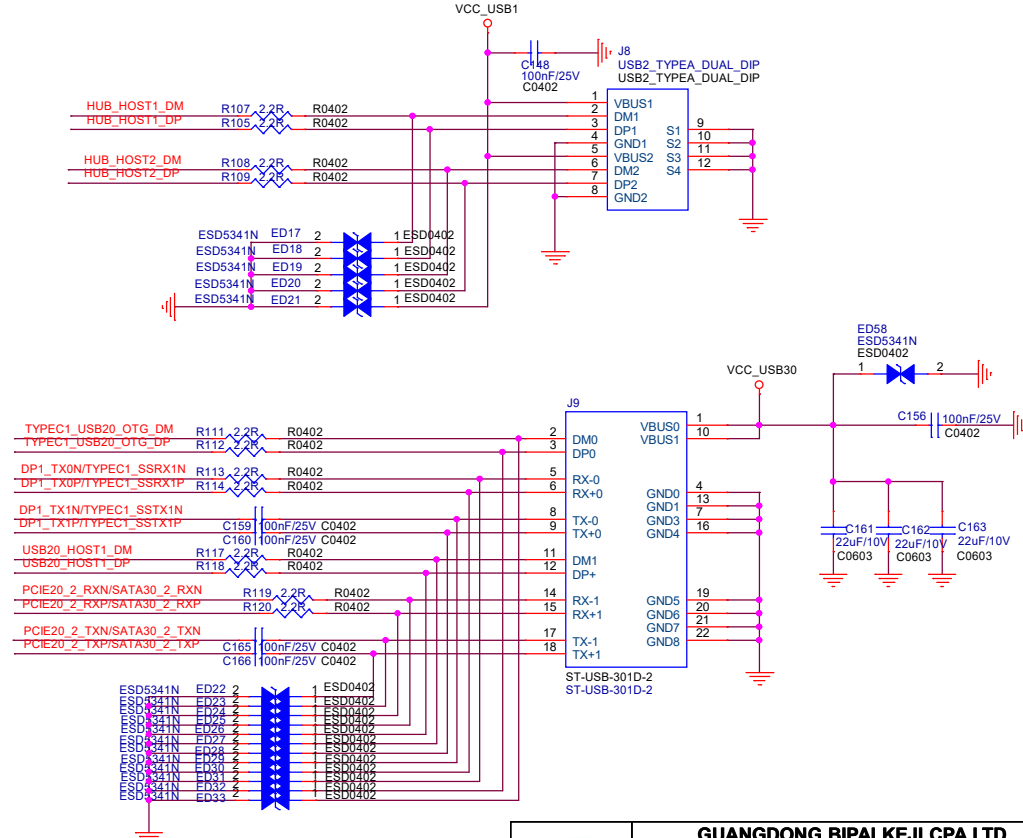
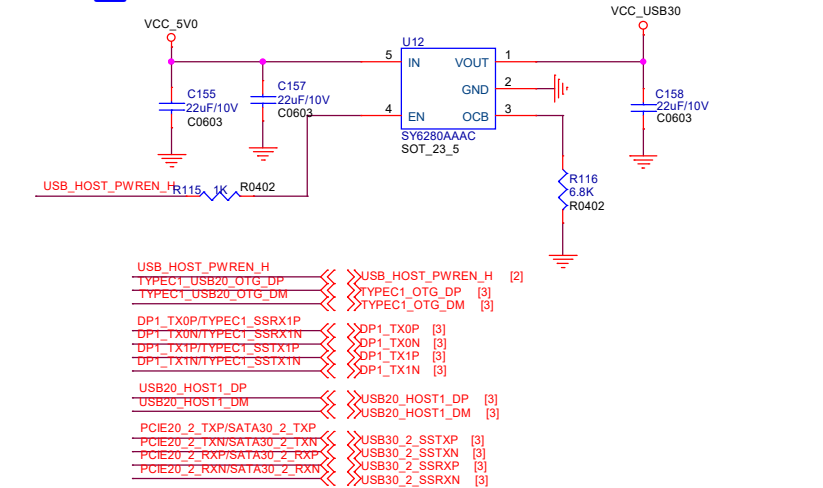
# USB\_HUB



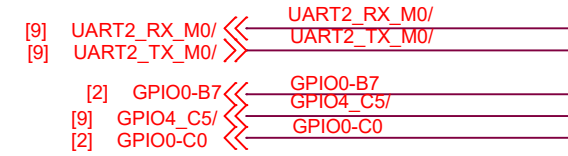
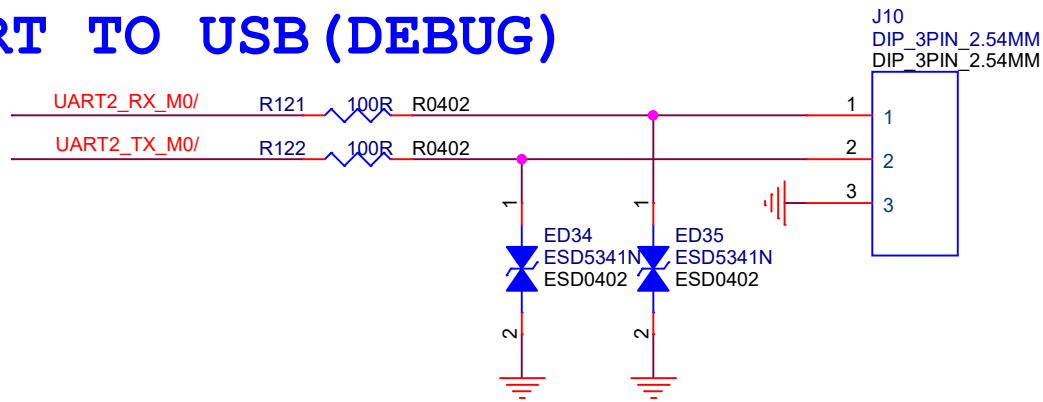
# USB\_HOST2.0X2



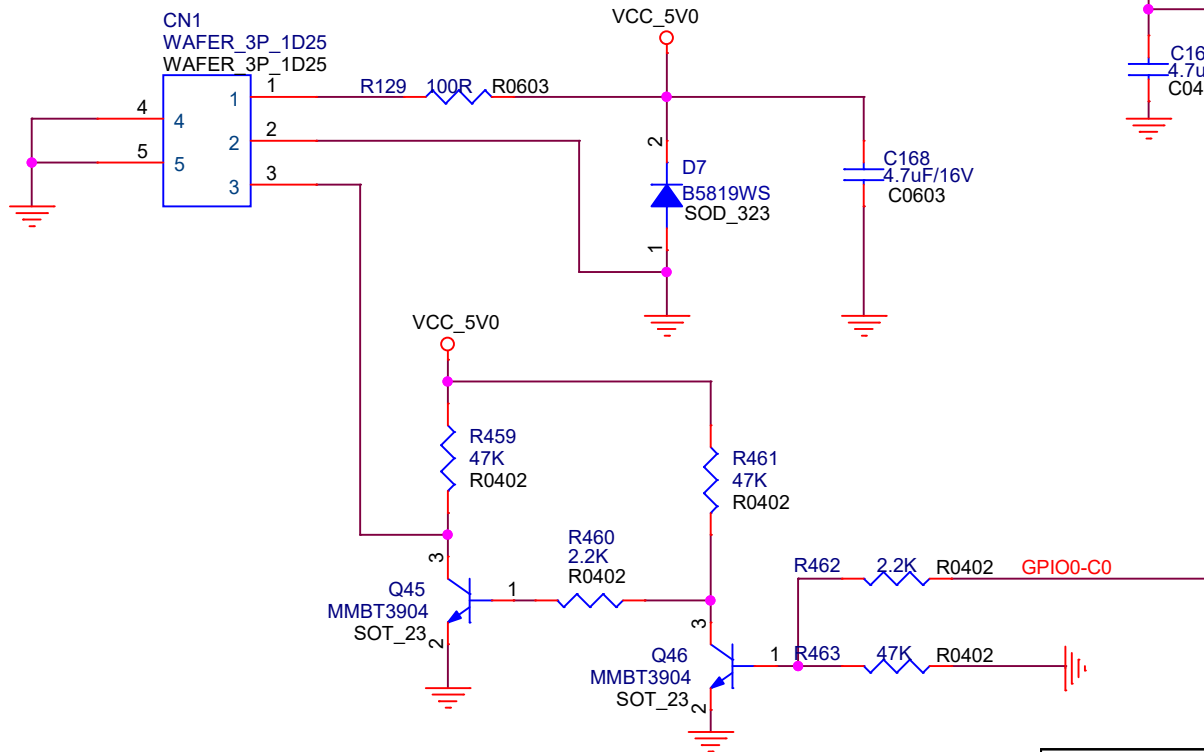
# USB\_HOST3.0X2



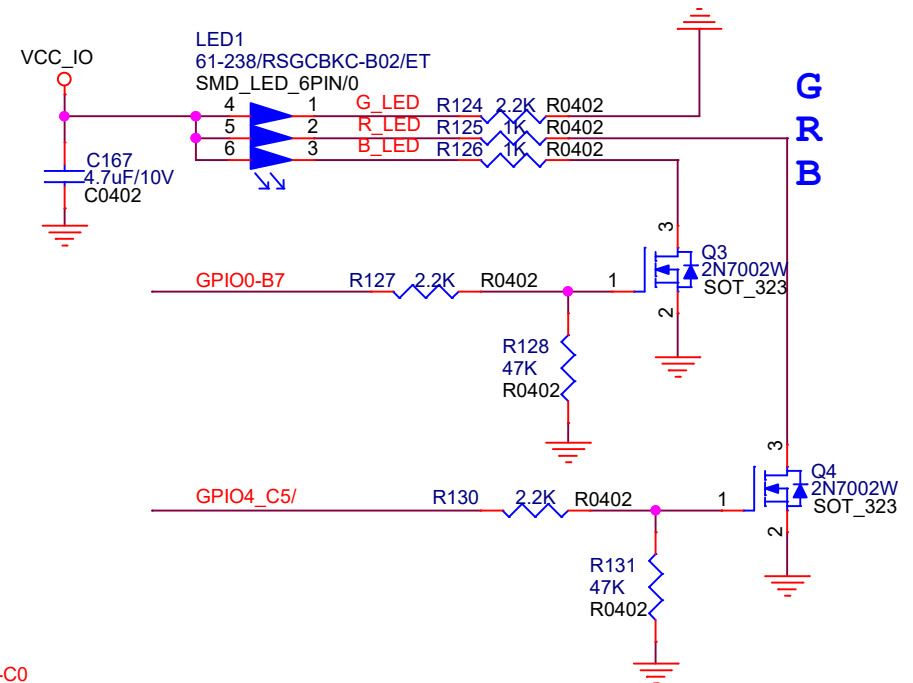
# UART TO USB (DEBUG)




## FAN

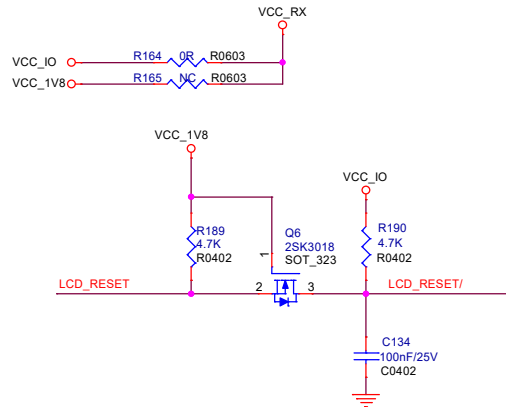
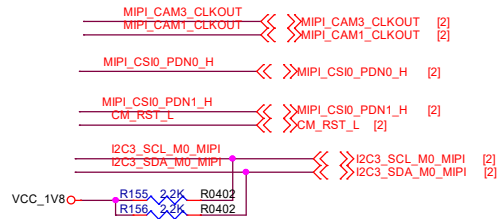


## RGB LED



		<b>GUANGDONG BIPAI KEJI CPA.LTD</b>	
		Design Name	
		BPI_ARM_SOM_W3	
Size	Page Name	Rev	
A	Debug_UART/FAN/RGB_LED	V1.1	
Date:	Wednesday, April 12, 2023	Sheet	12 of 14

# CSI\_MIPI



# DSI\_MIPI

