


Carrier Schematic For RK3399Pro Som

Linaro SoM Carrier Boards V1.0

USB: Type C + USB3.0 + USB2.0
DISPLAY: HDMI+DSI+EDP
STORAGE: eMMC + TF card
INTERFACE: MINIPCI+ETH+2.4G/5G WIFI

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项目:	SYSTEM ON MODULE BOARD		
文件:	System on Module Carrier		
图纸:	00.Cover Page		
修改日期:	Thursday, March 21, 2019	版本:	V0.9
设计者:	zhang.chen	页码:	0 of 27

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Note

NOTE 1:

Component parameter description

1. DNP stands for component not mounted temporarily
2. If Value or option is DNP, which means the area is reserved without being mounted
3. If Flash is compatible, please notice when eMMC is used, the option is that @eMMC is mounted, @Nand is not mounted when Nand is used, the option is that @Nand is mounted, @eMMC is not mounted

NOTE 2:

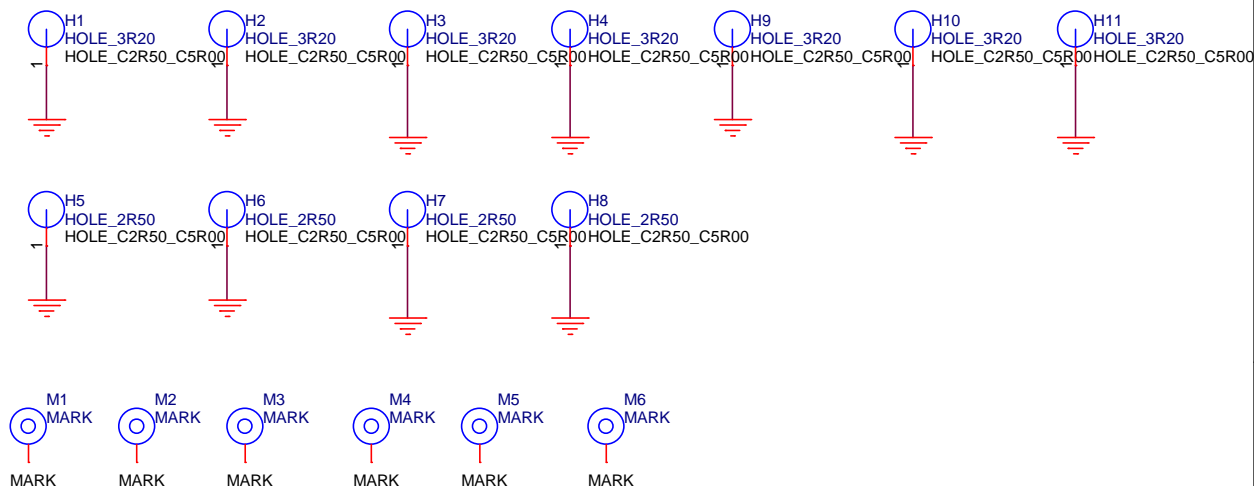
Please use our recommended components to avoid too many changes.For more informations about the second source,please refer to our AVL.


Note

Option

Description

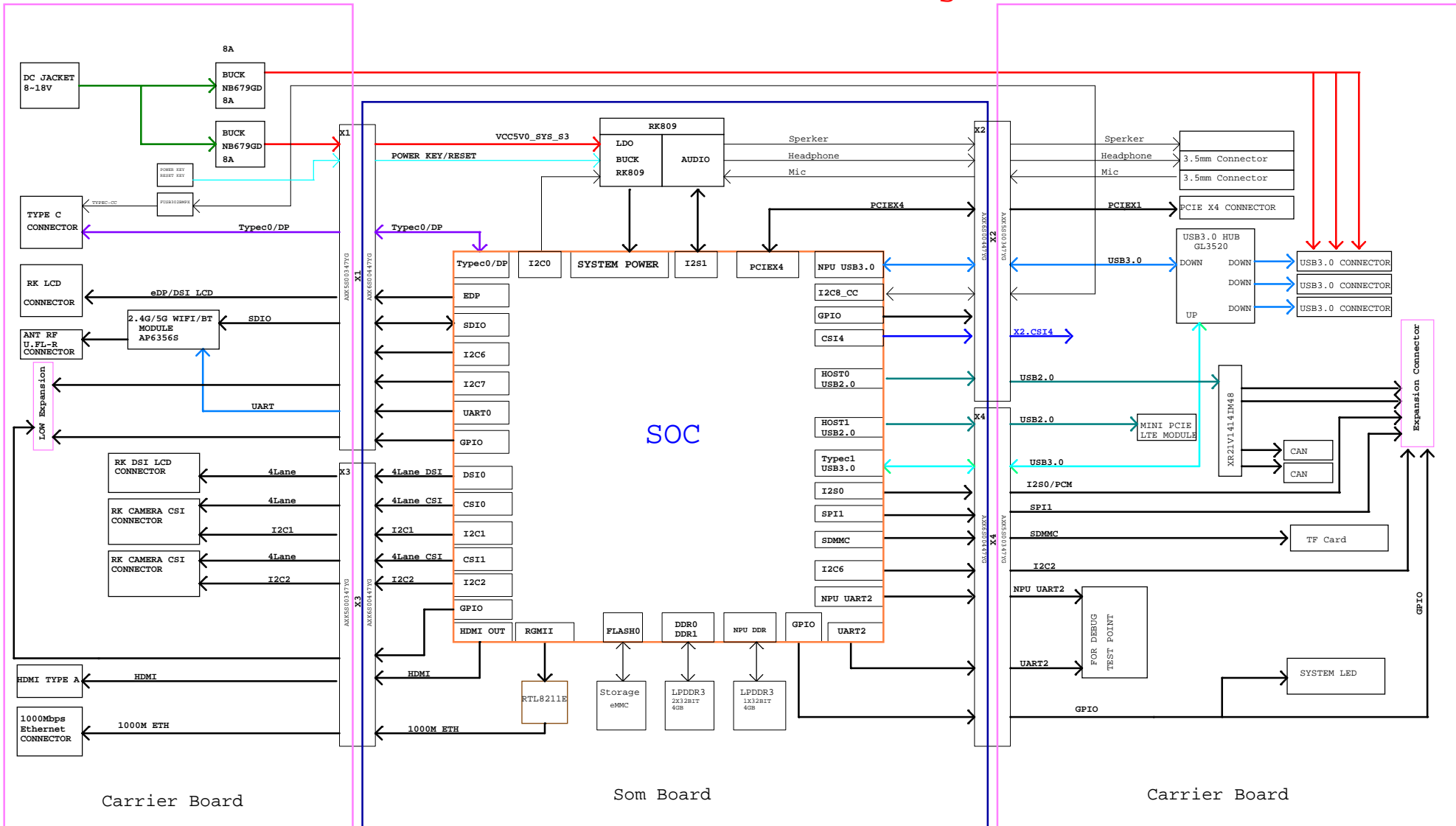
Remind



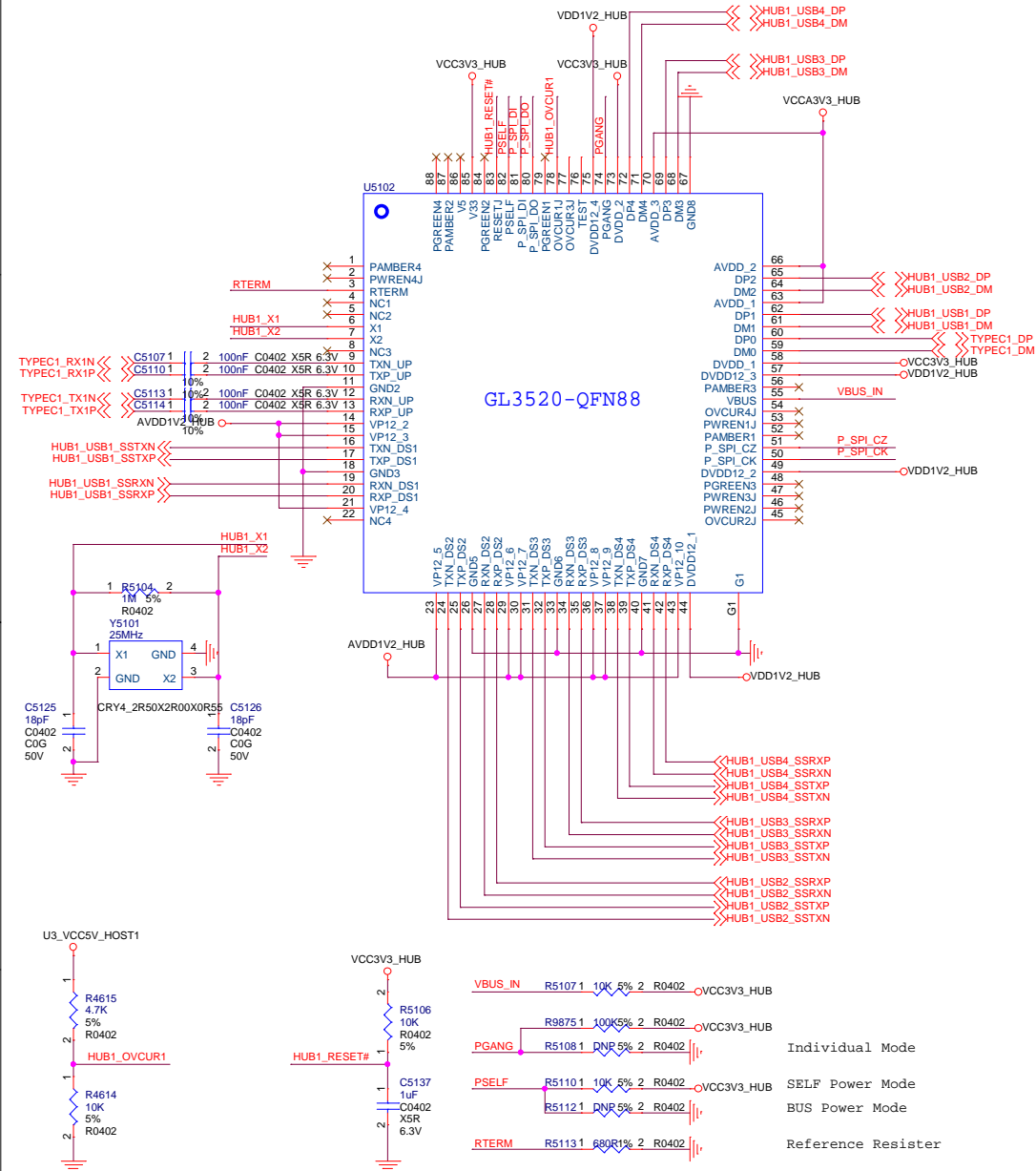
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Version	Date	Author	Change List	Approved
0.1	2019.2.2		First edition for RK3399Pro	CZA

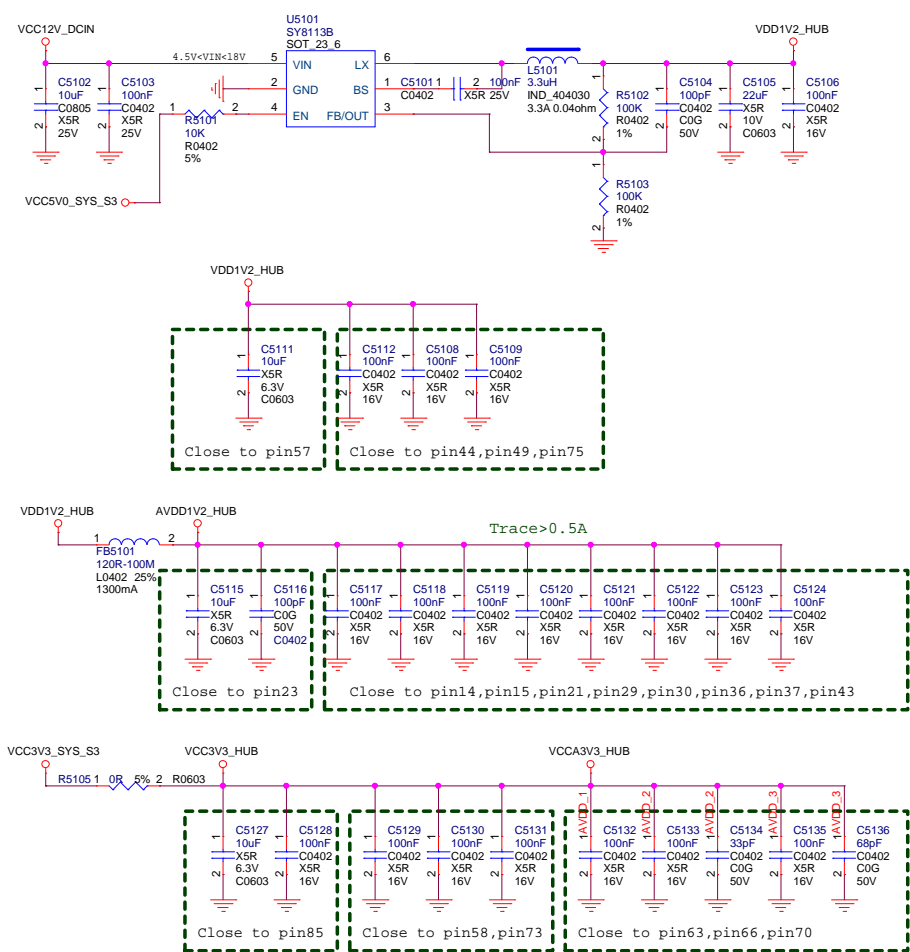
Linaro AUTO RK3399PRO BLOCK Diagram




USB3.0 HUB

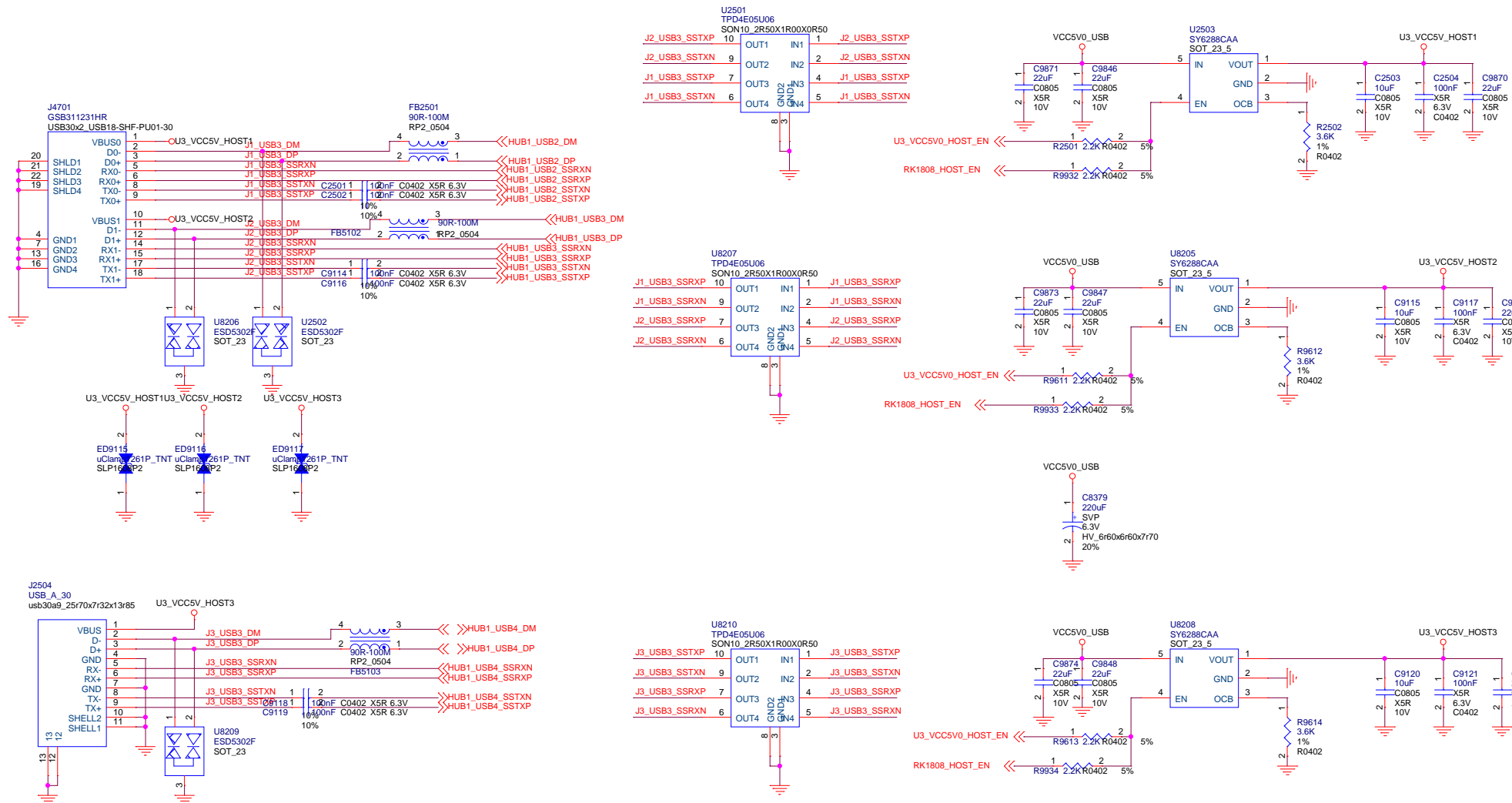


HUB Power

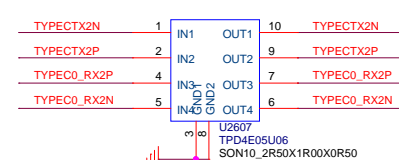
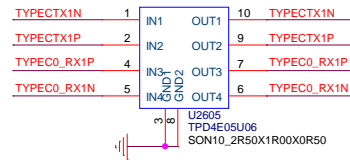
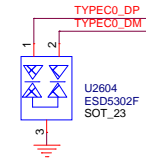
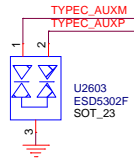
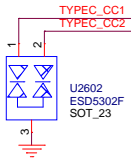
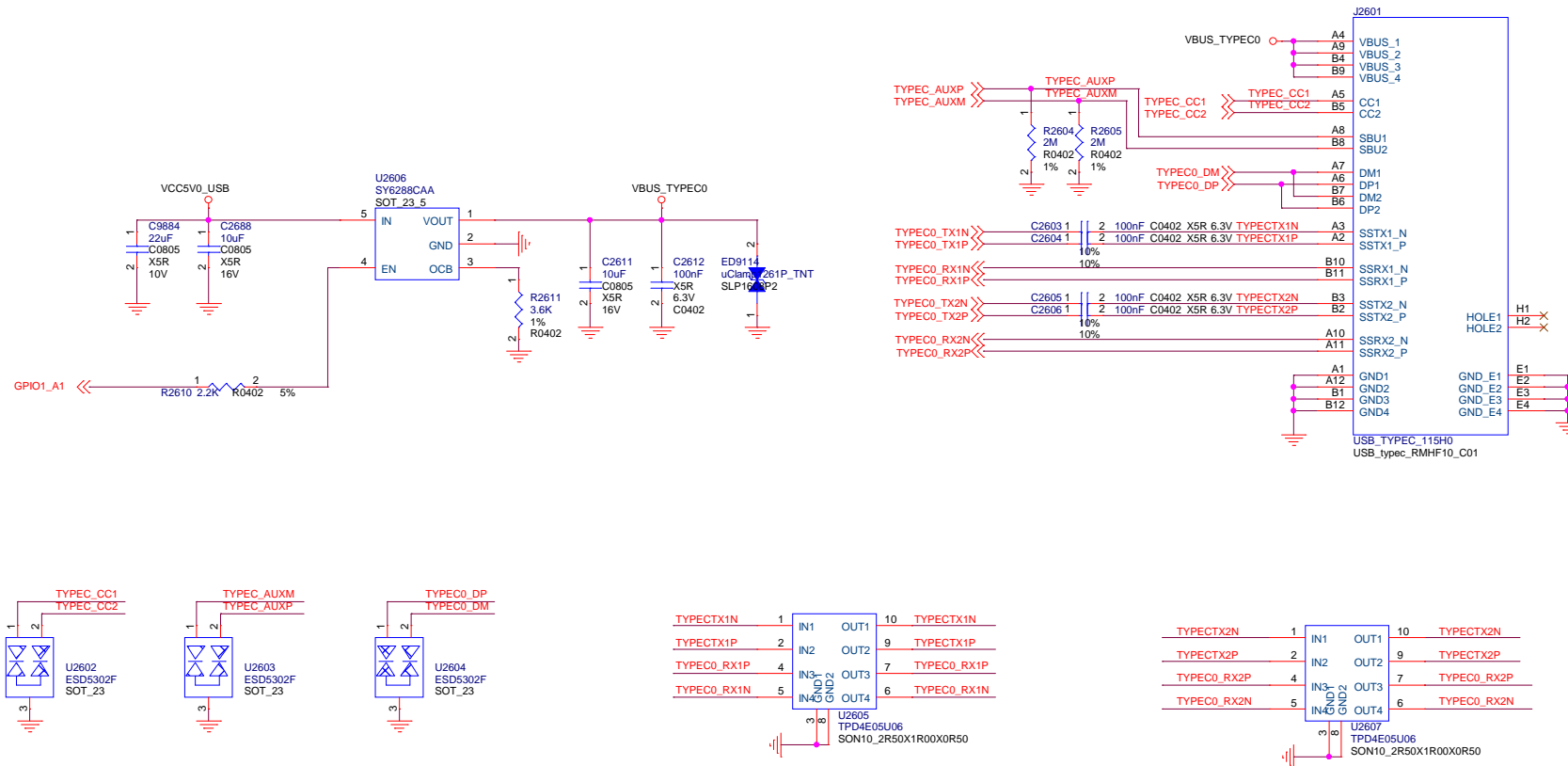


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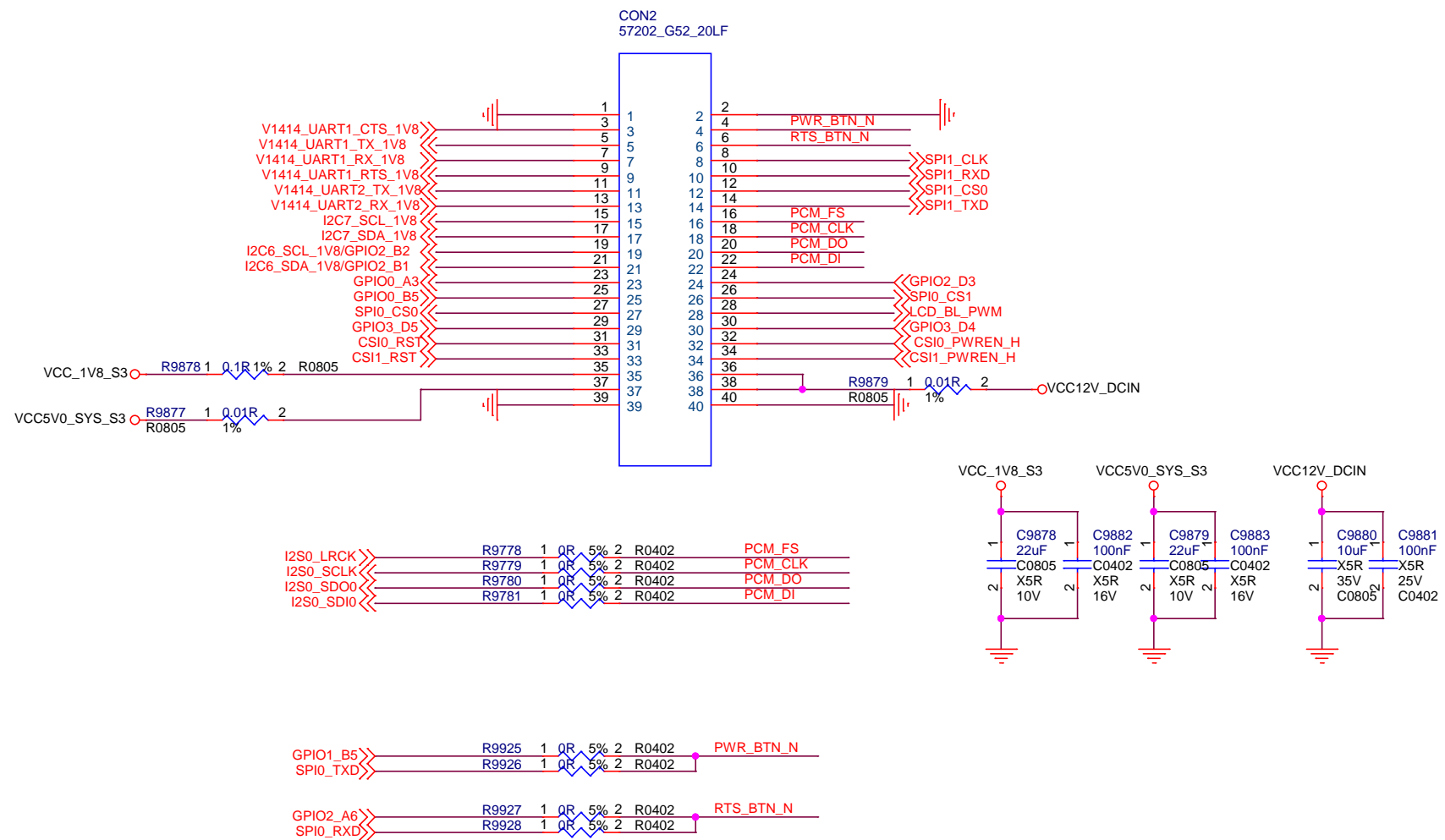
USB3.0 HOST




TYPE-C PORT

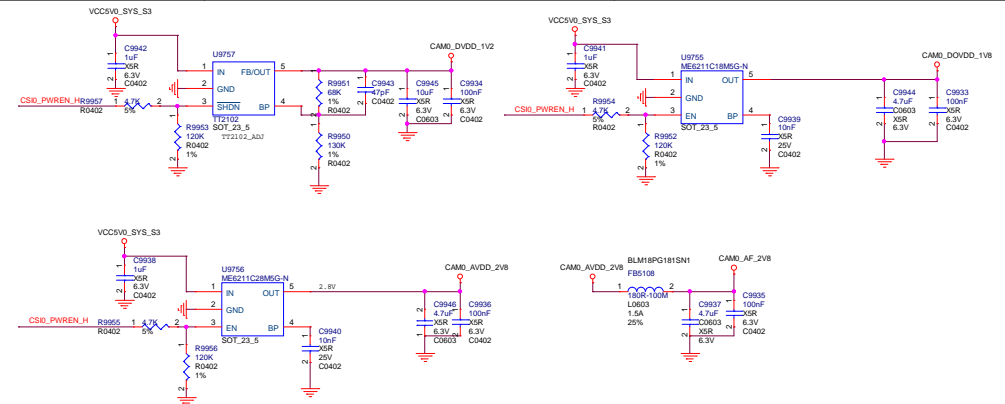
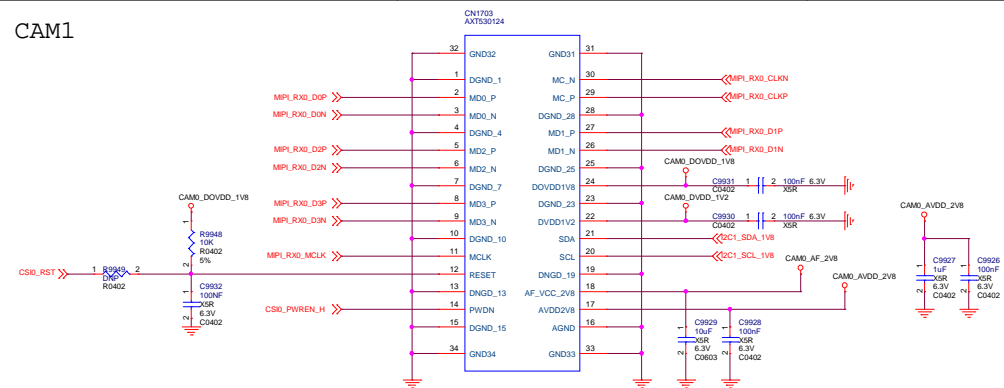


MIPI_TX0

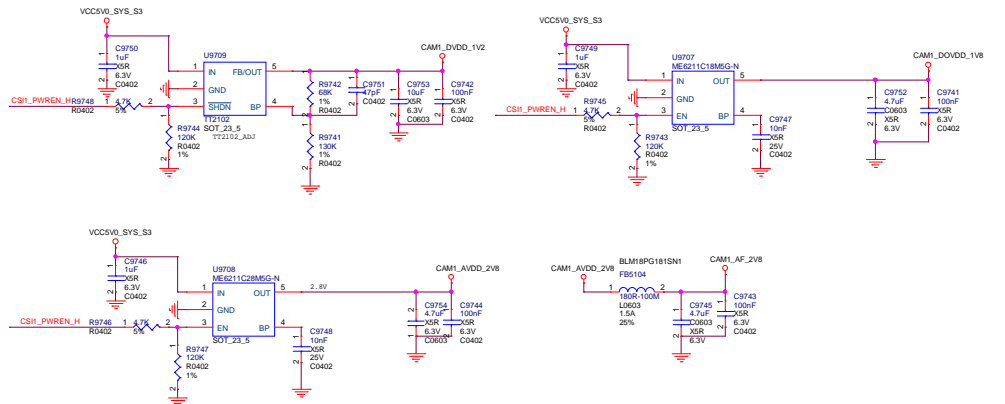
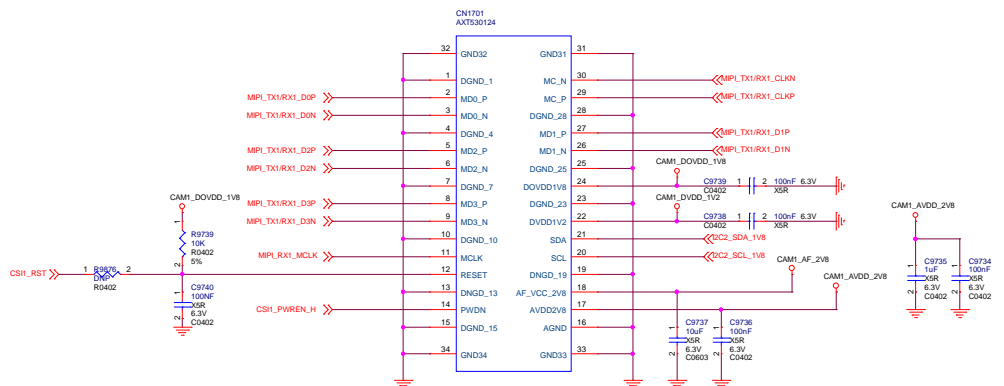


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CAM1



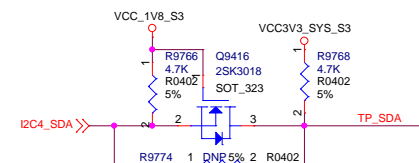
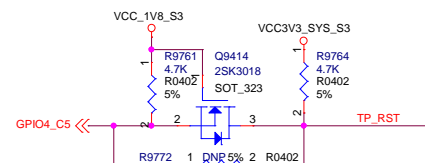
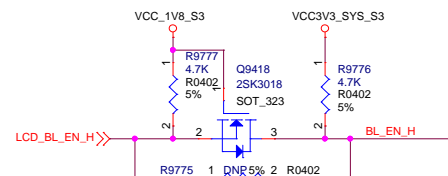
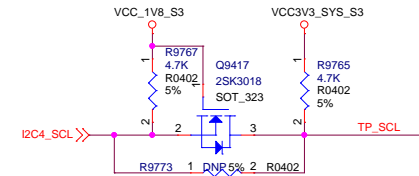
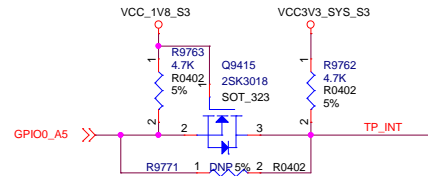
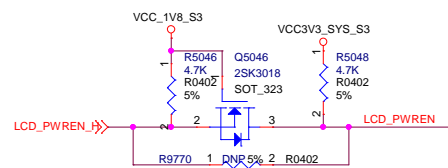
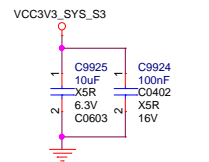
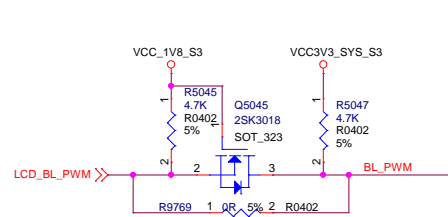
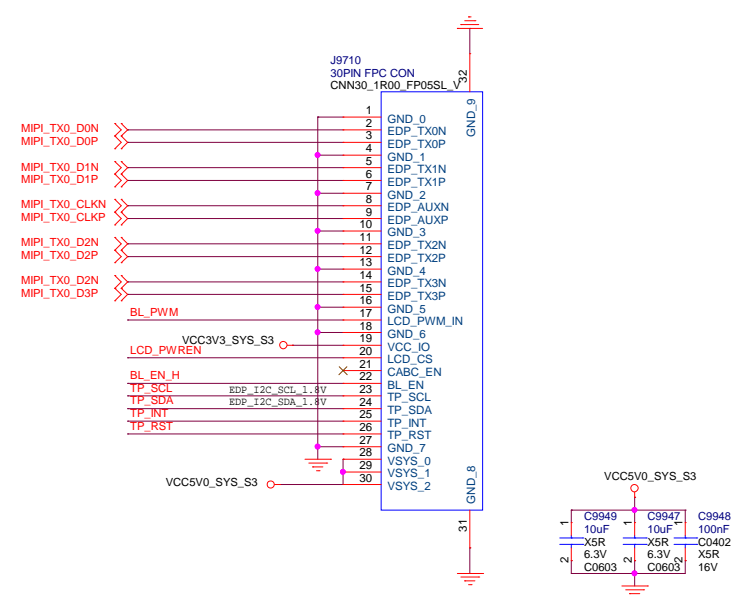
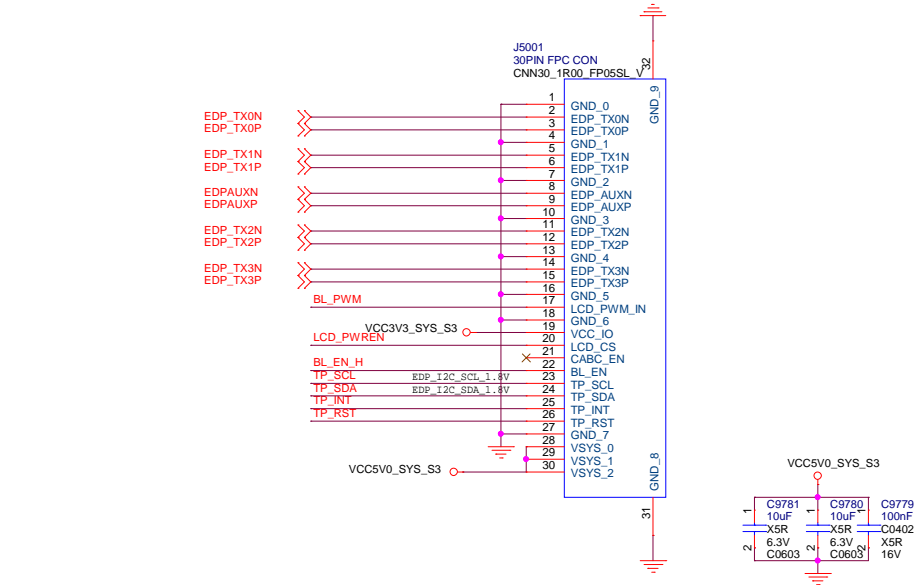
CAM2




eDP PORT

EDP CON

MIPI CON

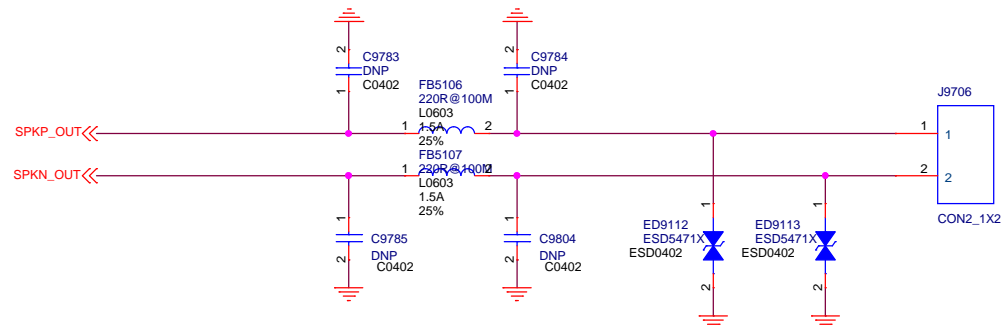
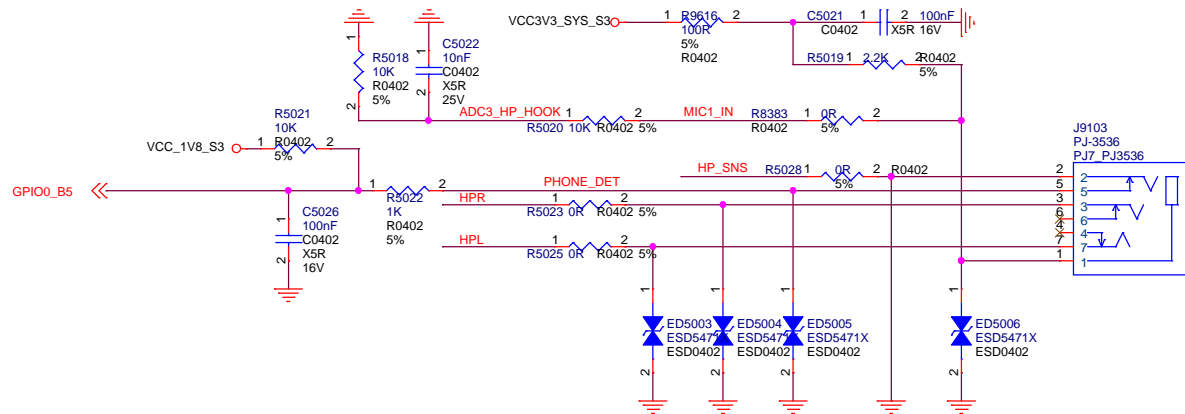



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图纸:	15.LCD_DSI_eDP Panel		
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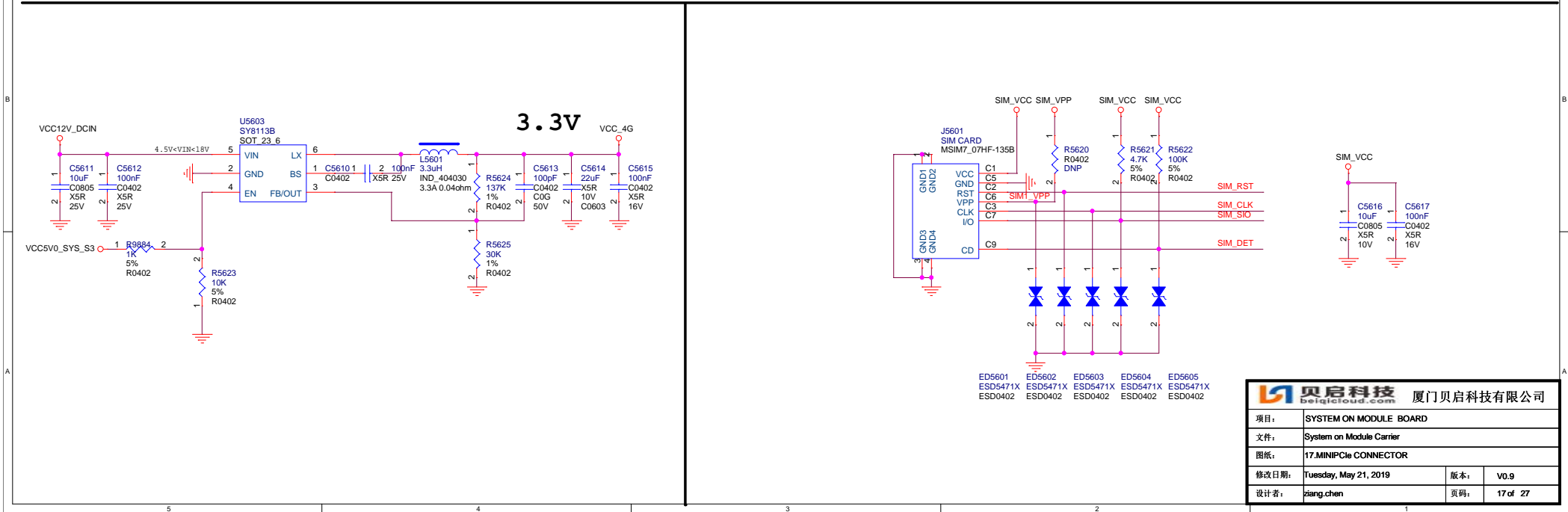
UART RS232 Port1

Headset&MIC

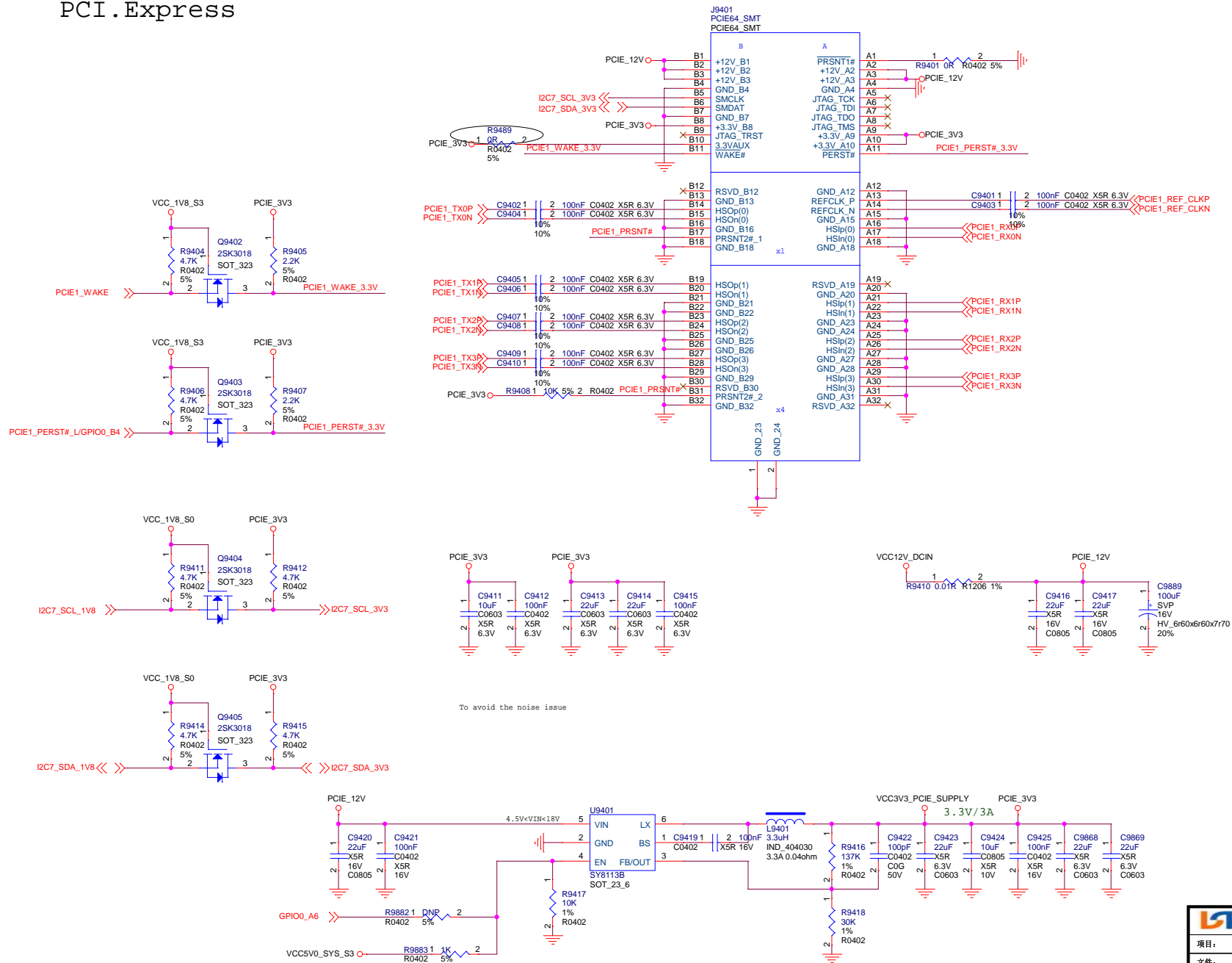
ADC3_HP_HOOK <<
HP_SNS <<
MIC1_IN>>
HPR<<
HPL<<




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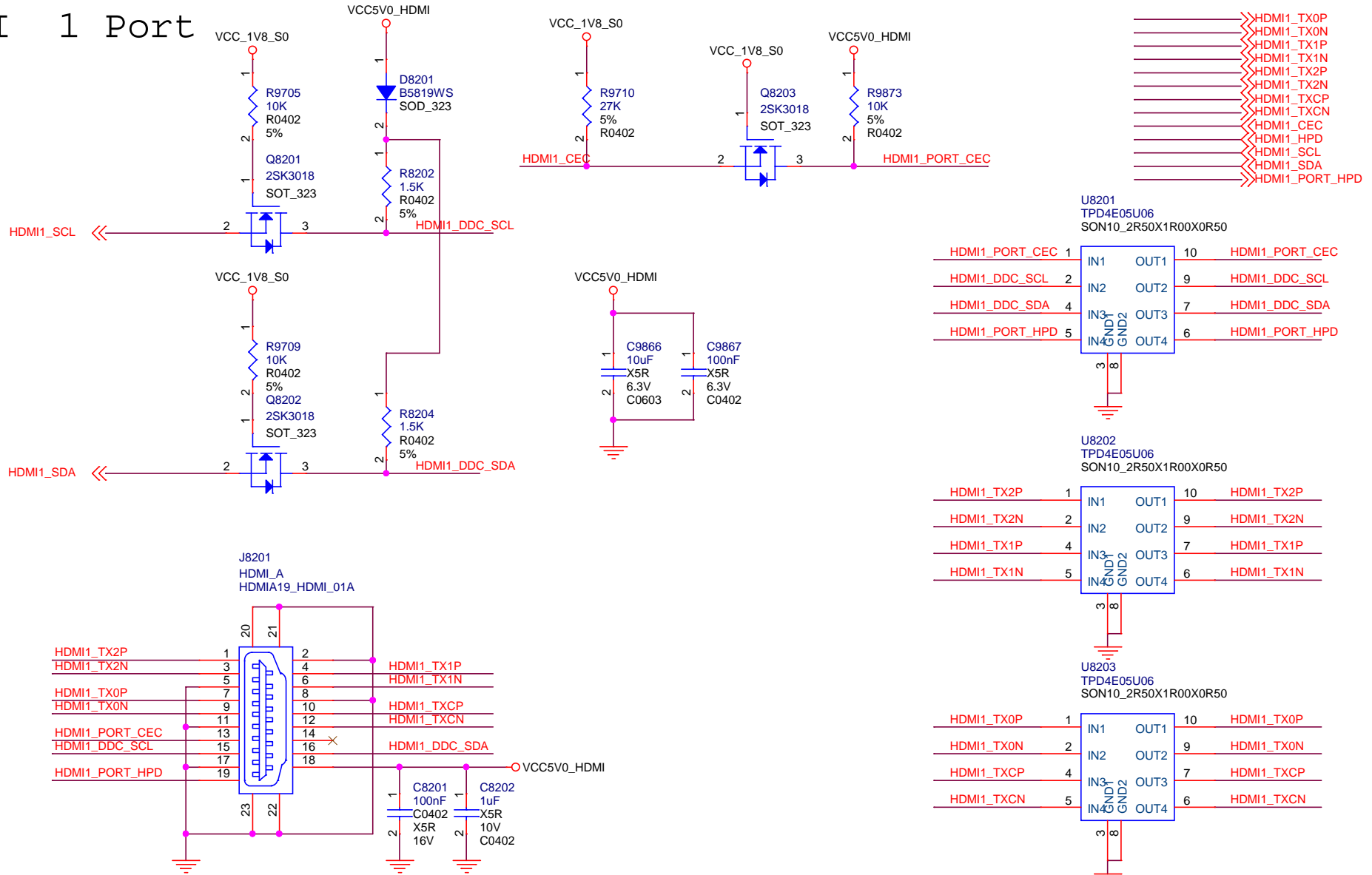



PCI.Express

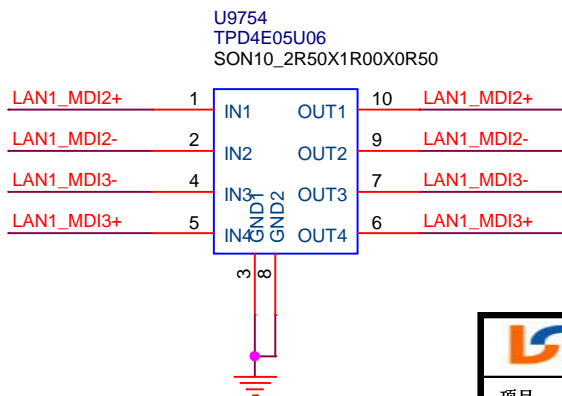
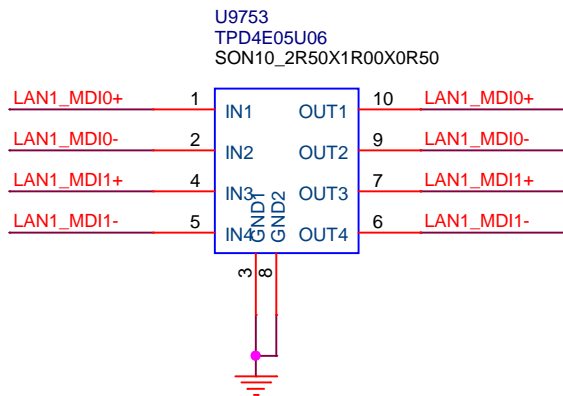
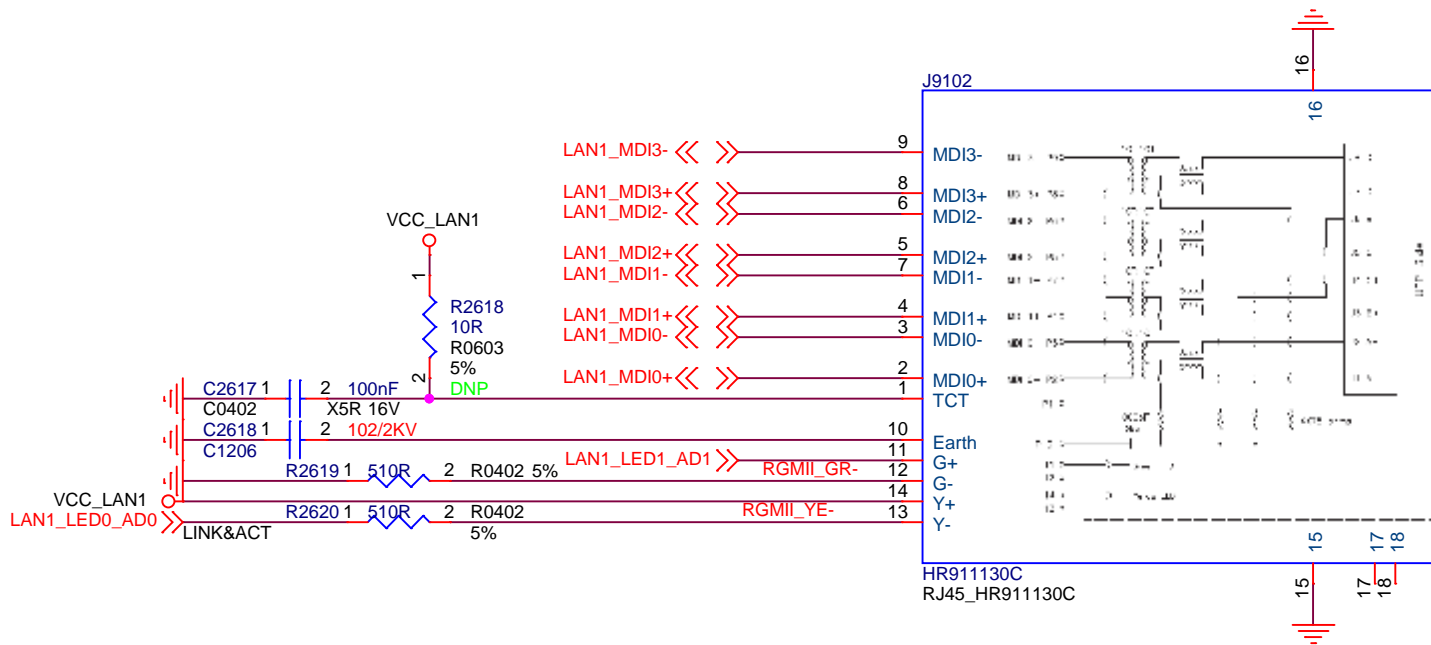



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HDMI 1 Port



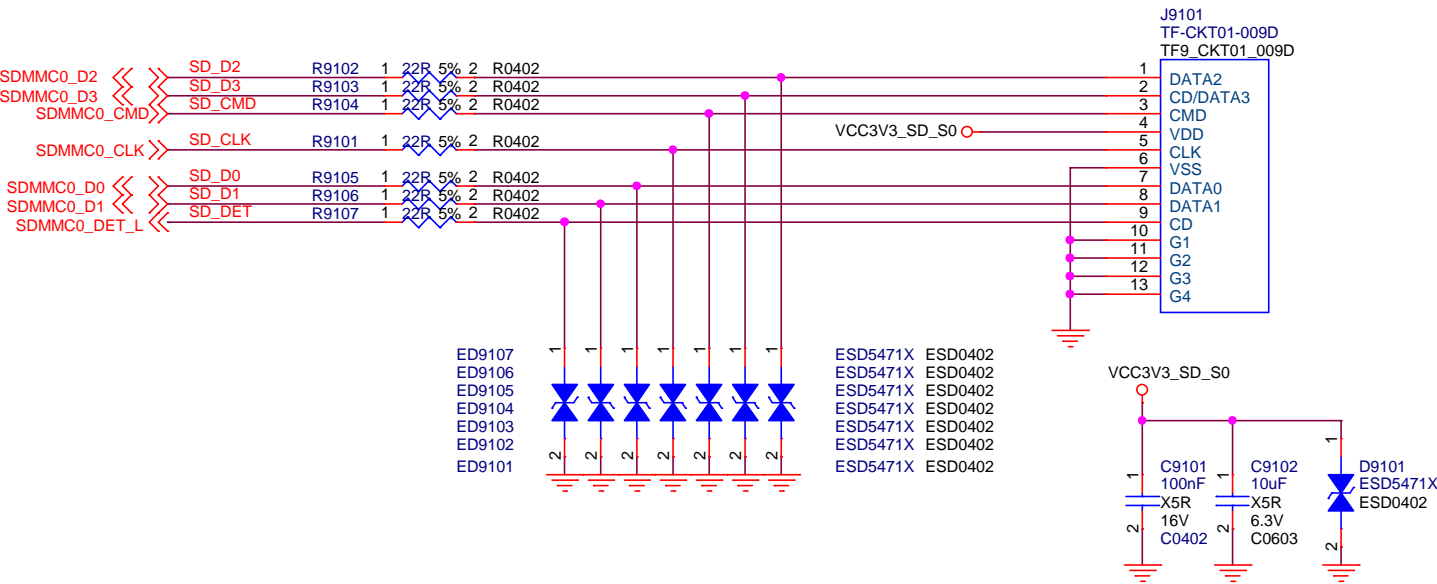
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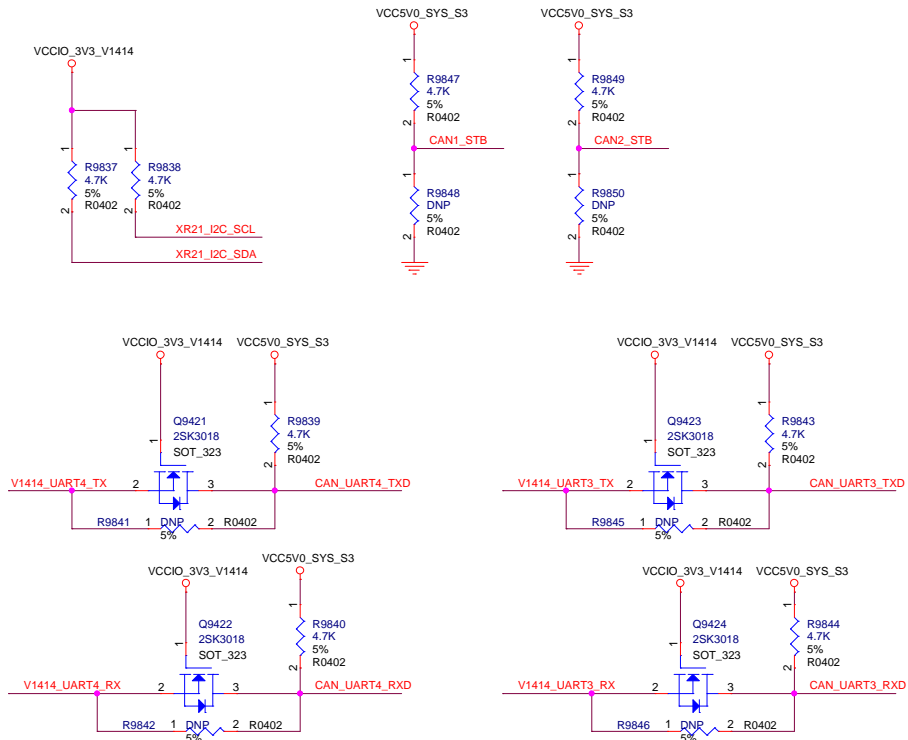
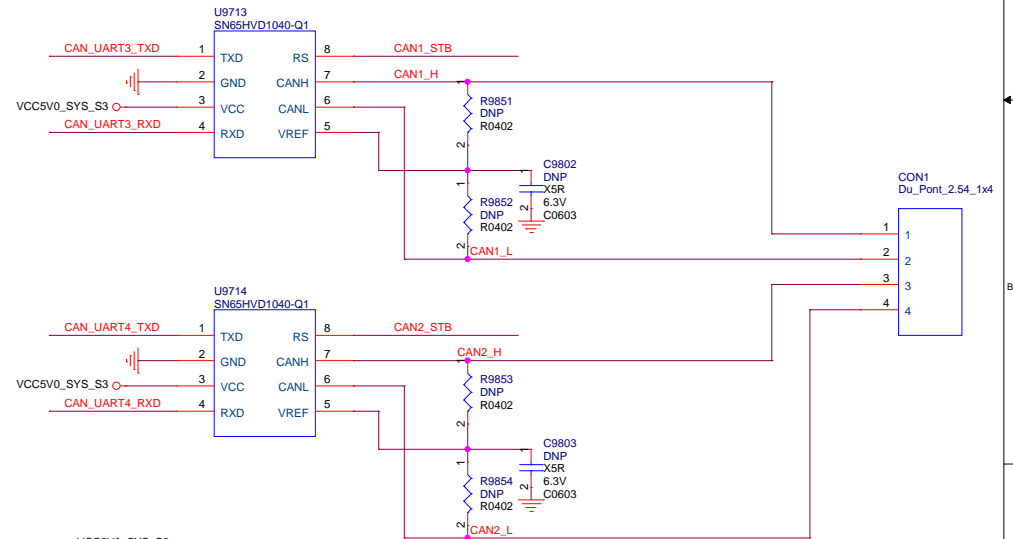
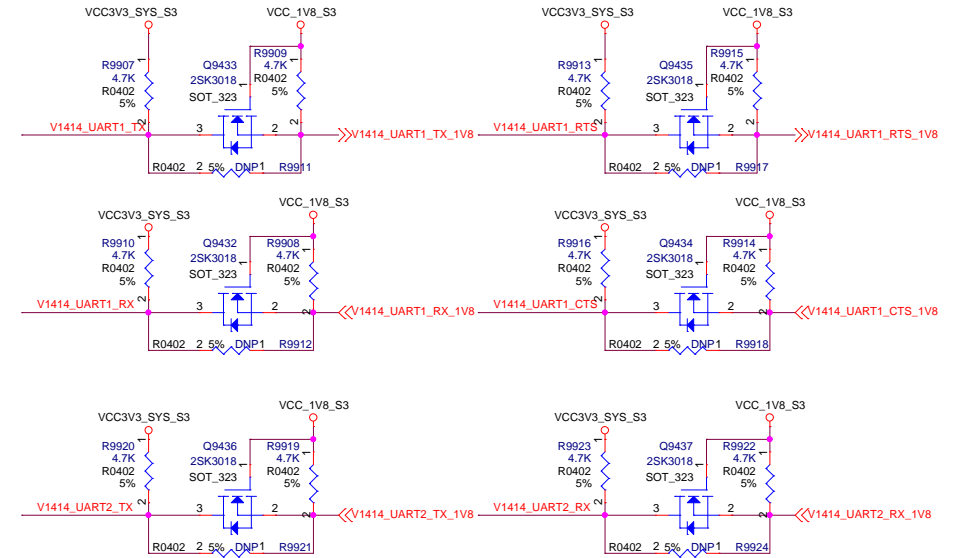
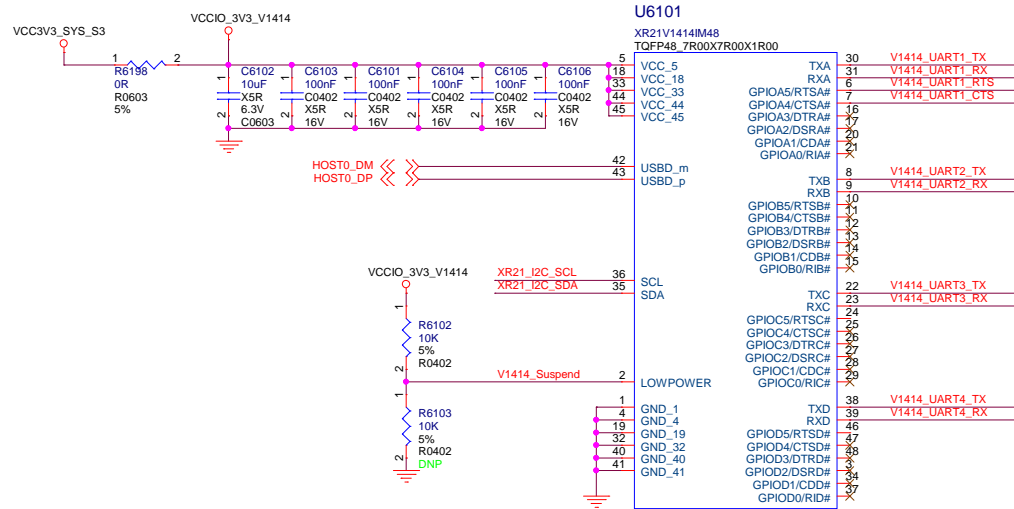
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TF Card

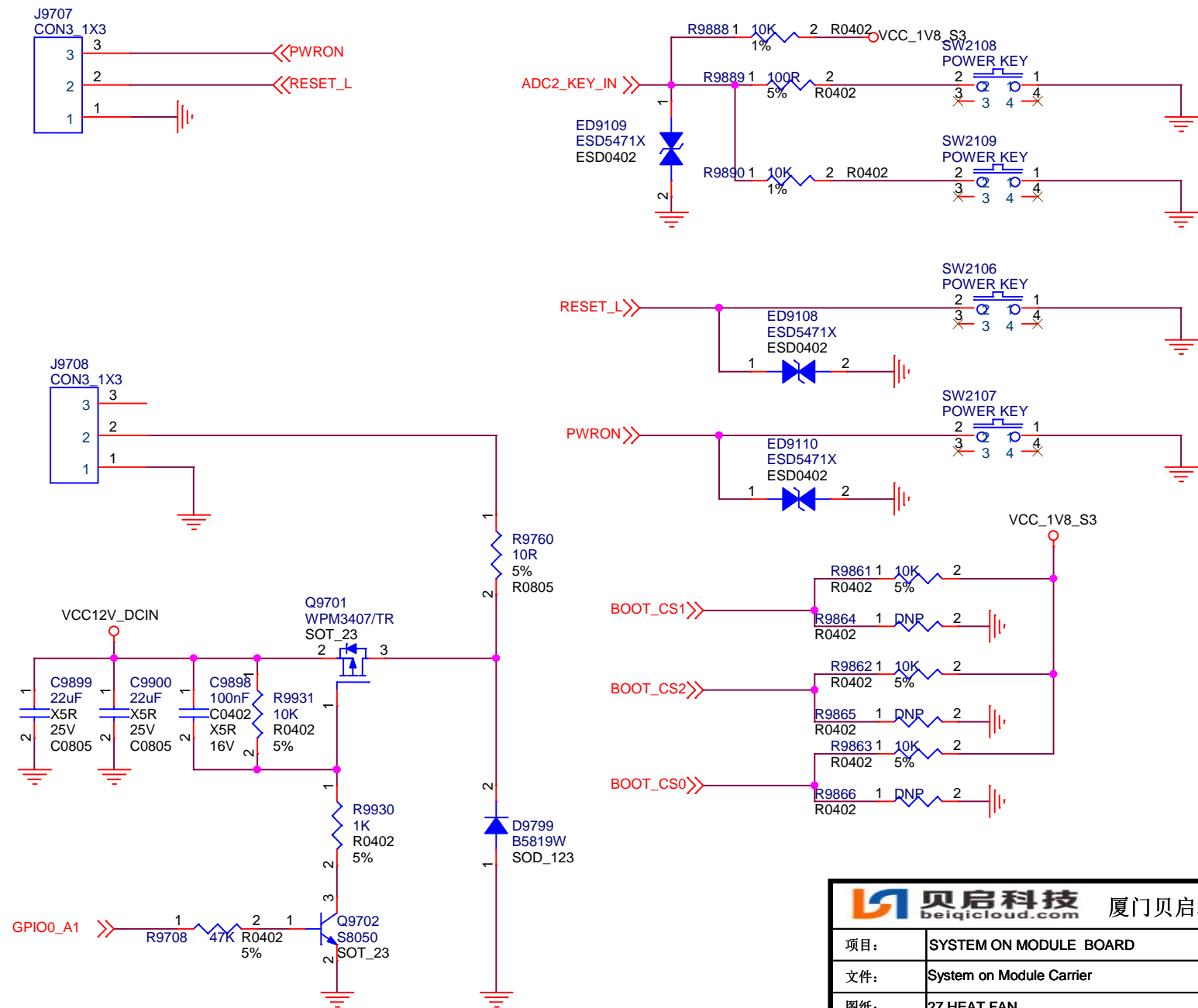



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USB TO UART HUB



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