


# Ref Schematic For TB-96AIoT Som

## Linaro SoM REF Schematic V1.0

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

 贝启科技 beigicloud.com 厦门贝启科技有限公司			
项目:	SYSTEM ON MODULE BOARD		
文件:	System on Module Carrier Ref		
图纸:	00.Cover Page		
修改日期:	Wednesday, May 29, 2019	版本:	V0.9
设计者:	zhang.chen	页码:	0 of 16

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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:

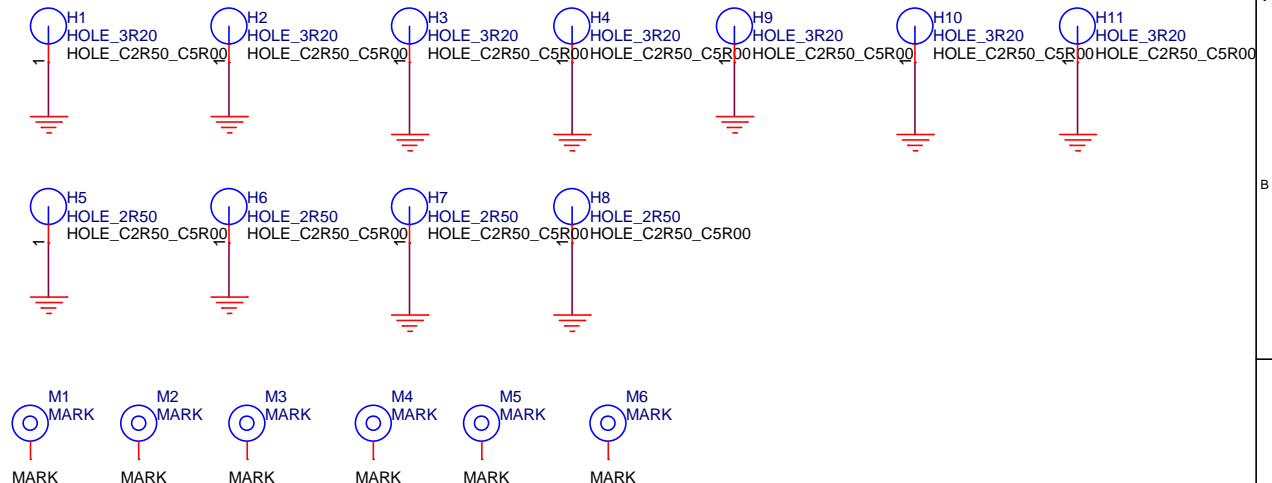
Please use our recommended components to avoid too many changes.For more informations about the second source,please refer to our AVL.


Note

Option

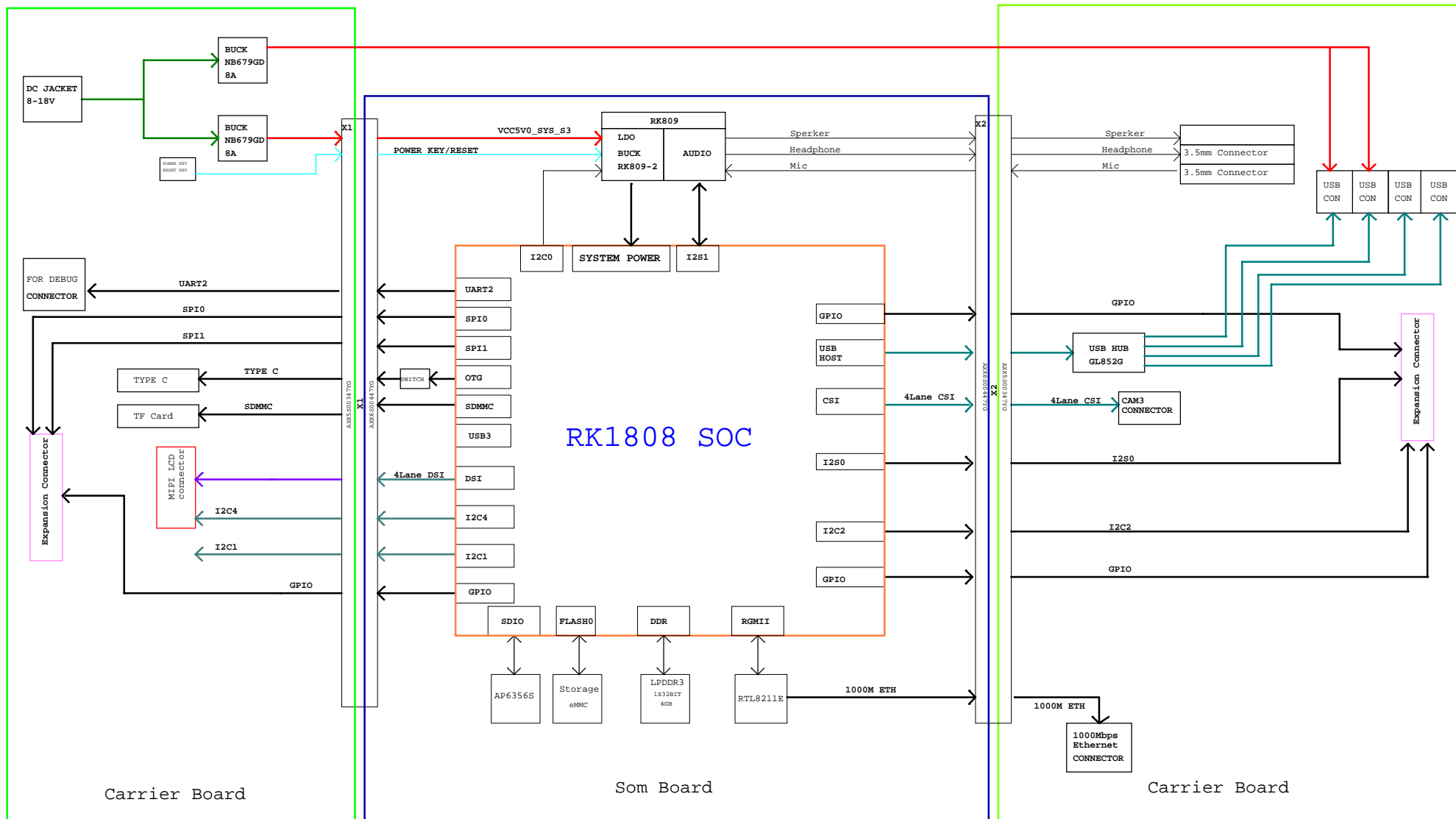
Description

Remind

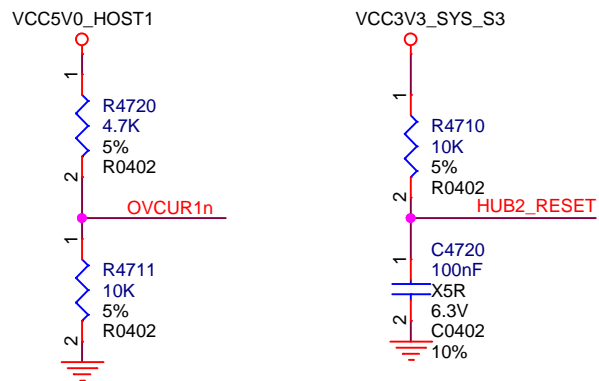
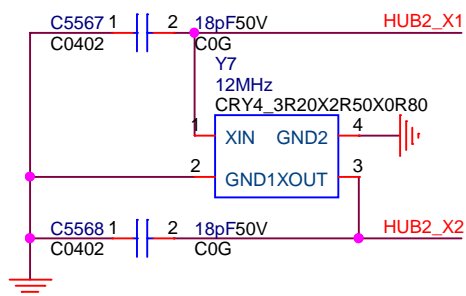
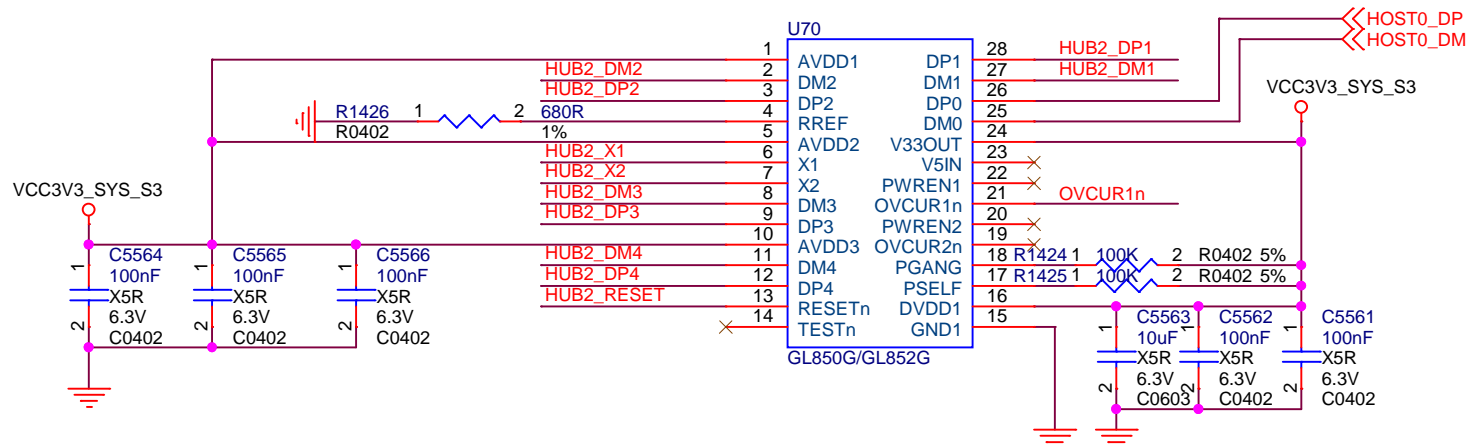



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Version	Date	Author	Change List	Approved
0.1	2019.5.20		First edition for RK3399Pro	CZA

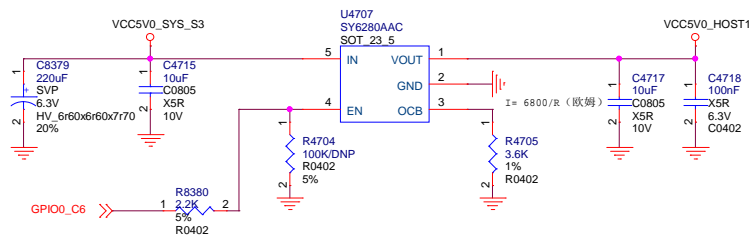
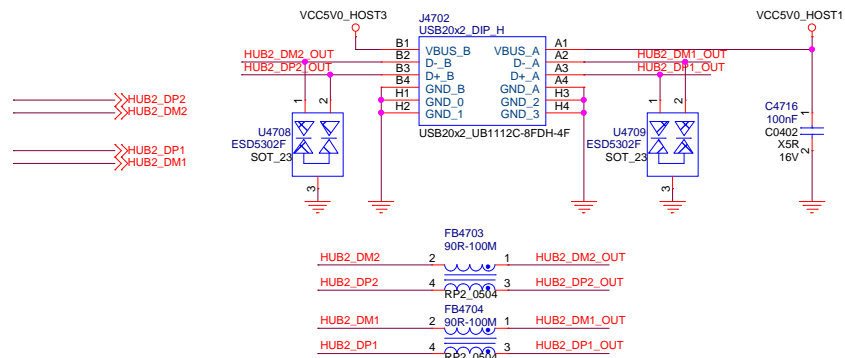




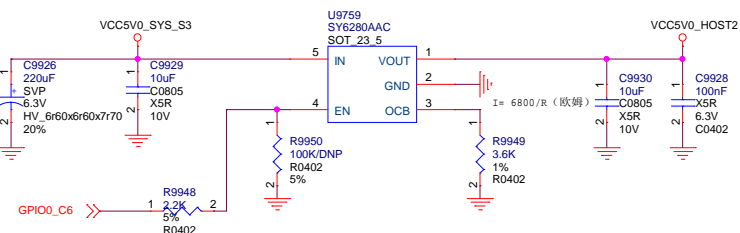
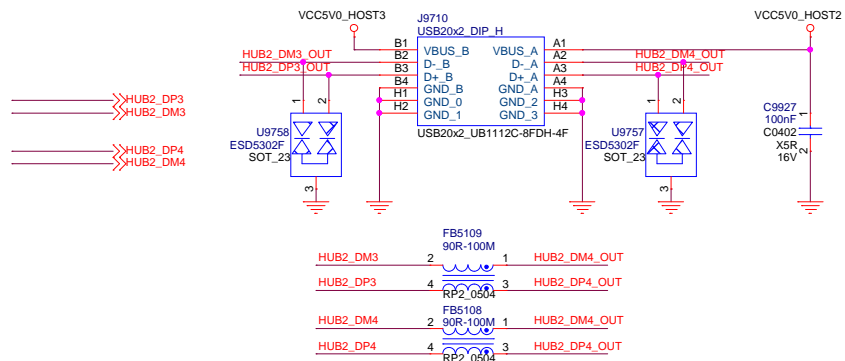



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## USB2.0 Port1&Port2

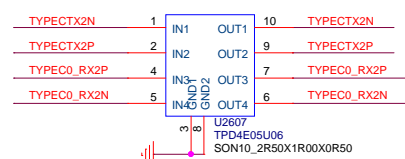
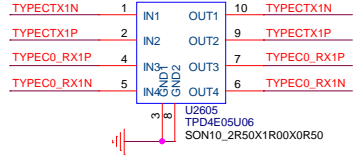
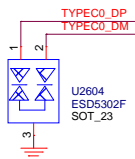
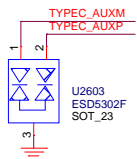
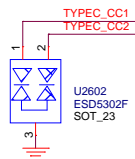
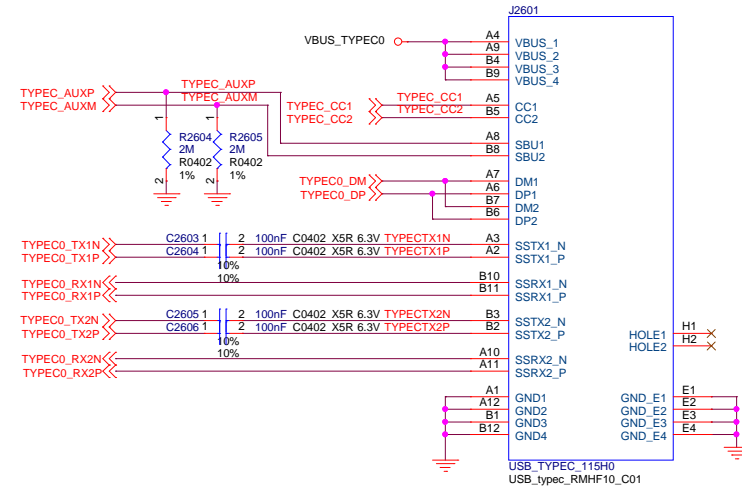
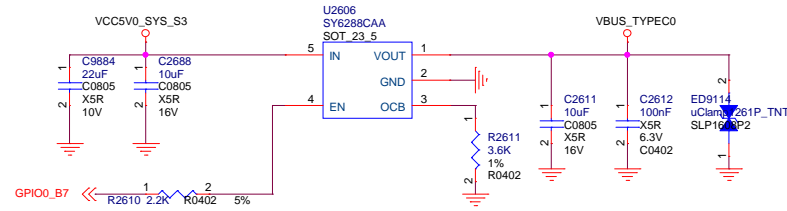


## USB2.0 Port1&Port2

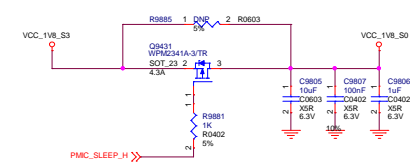
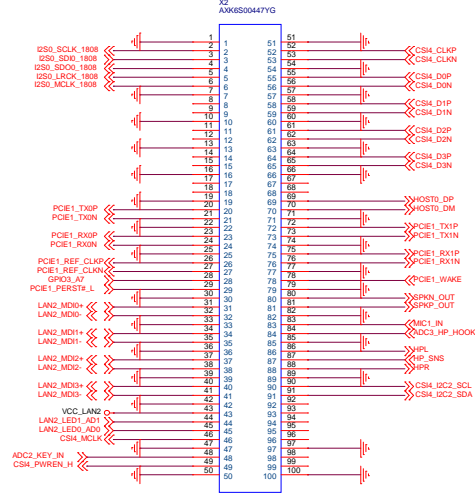
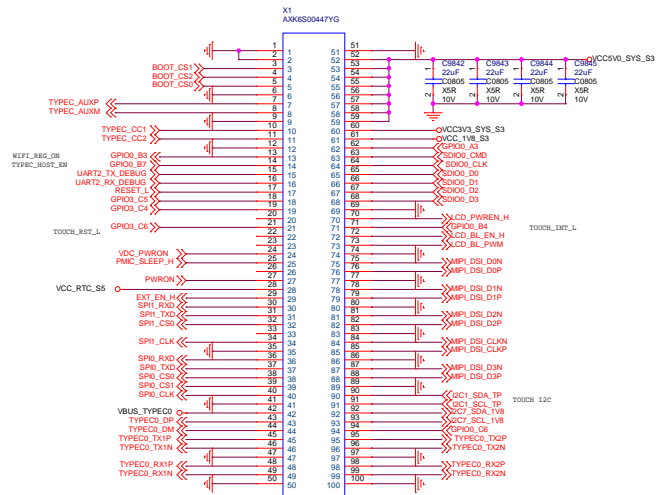


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文件:	System on Module Carrier Ref		
图纸:	06. USB2.0 Connector		
修改日期:	Wednesday, June 19, 2019	版本:	V0.1
设计者:	<designer>	页码:	6 of 16

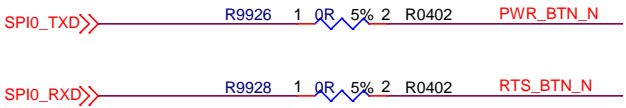
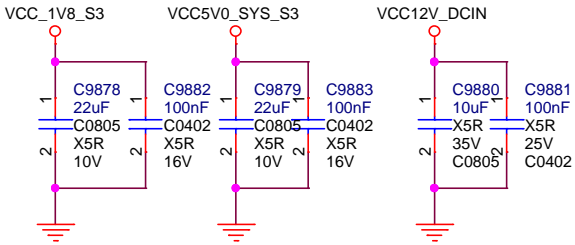
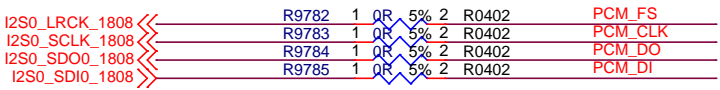
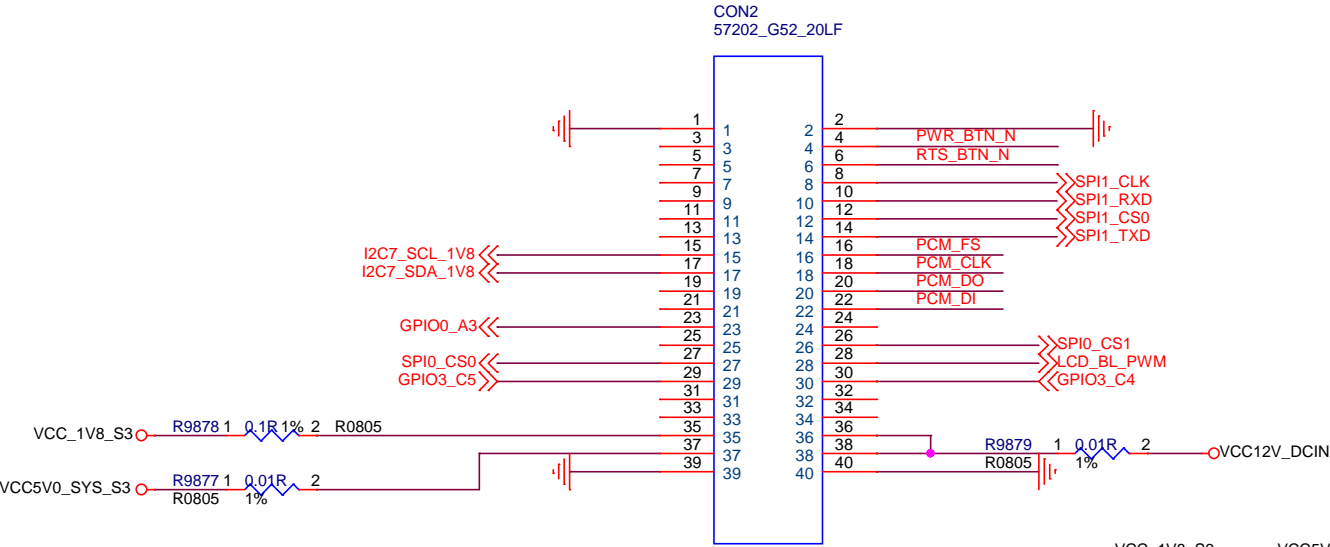
# TYPEC PORT








MIPI\_TX0

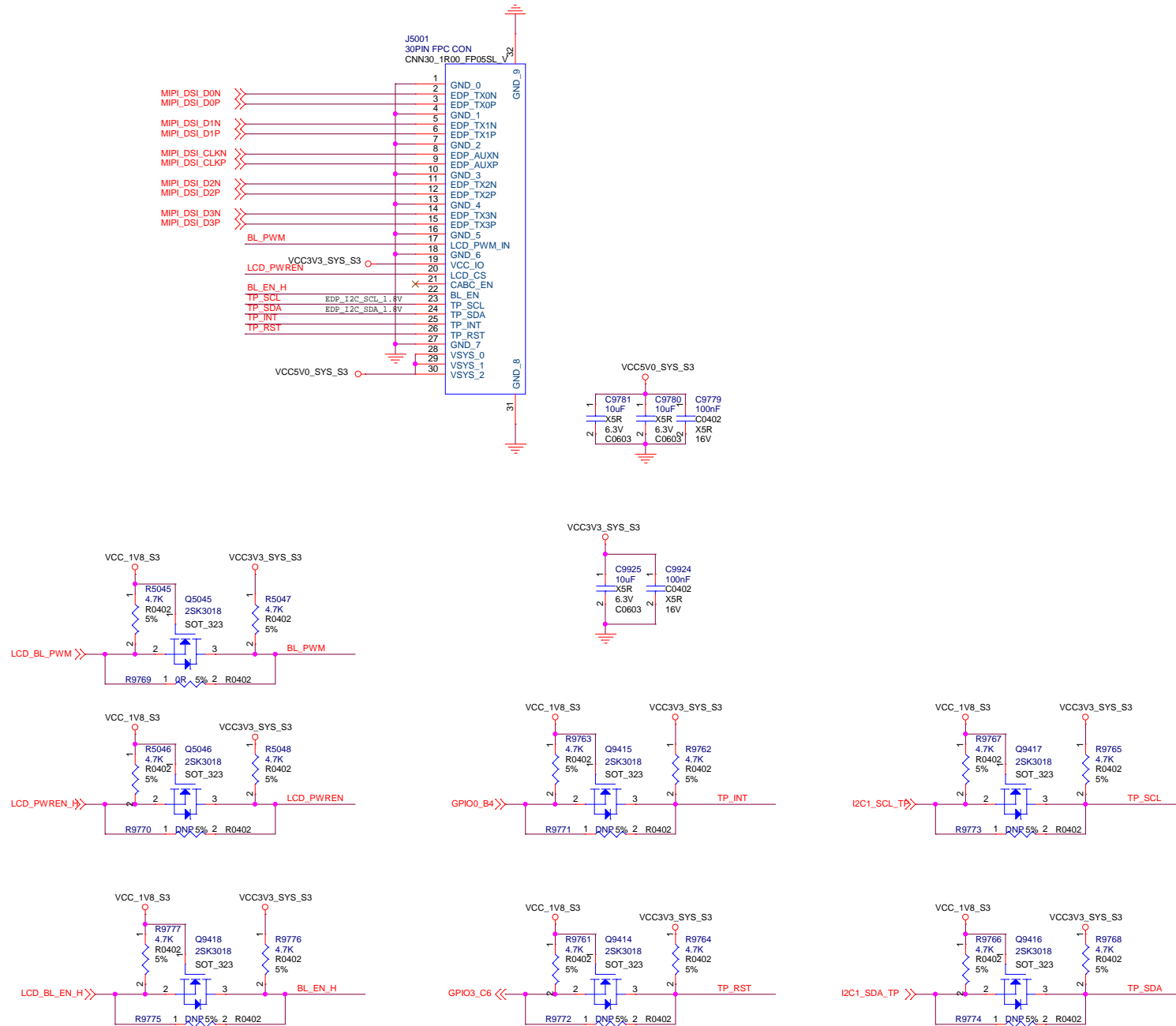



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## eDP PORT

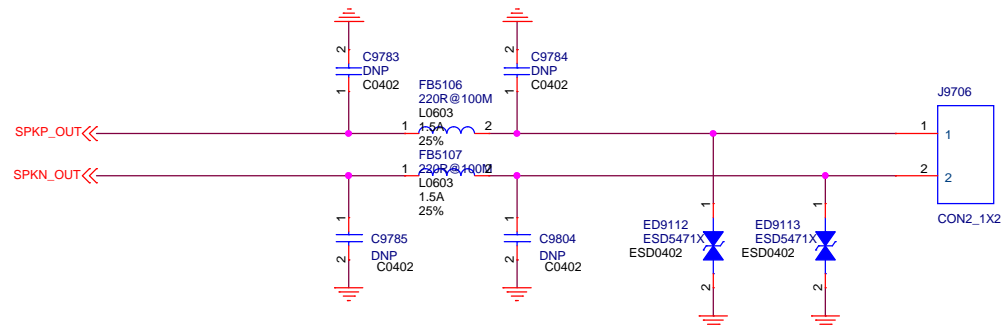
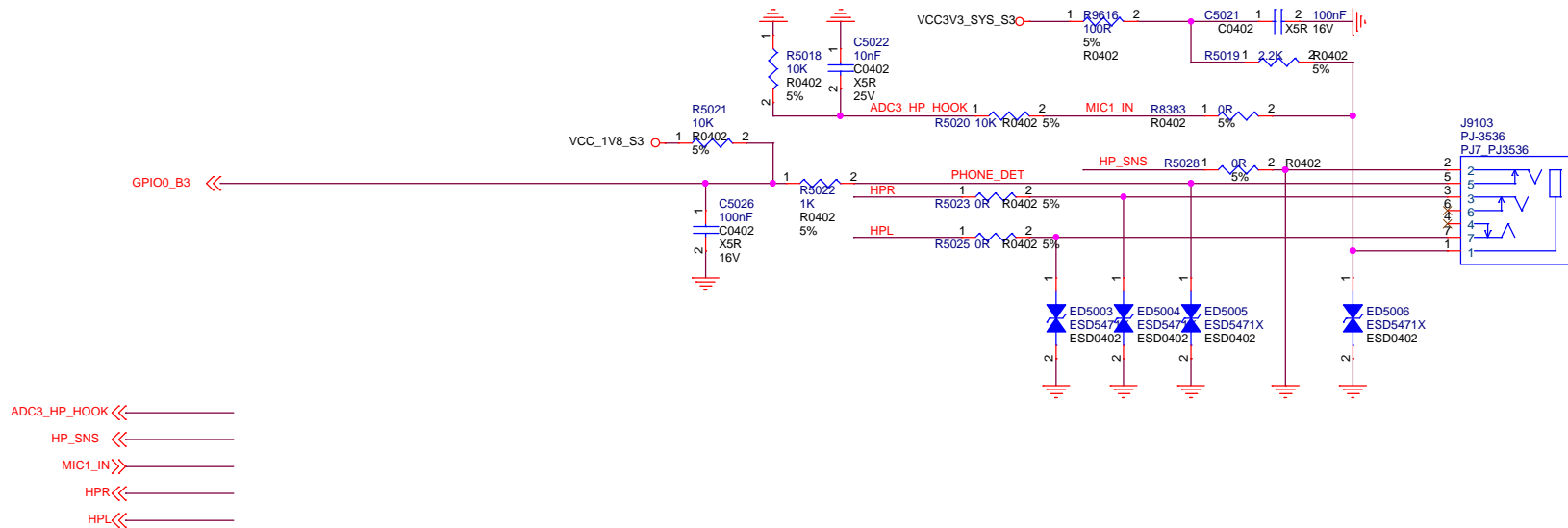
## ROCKCHIP CON




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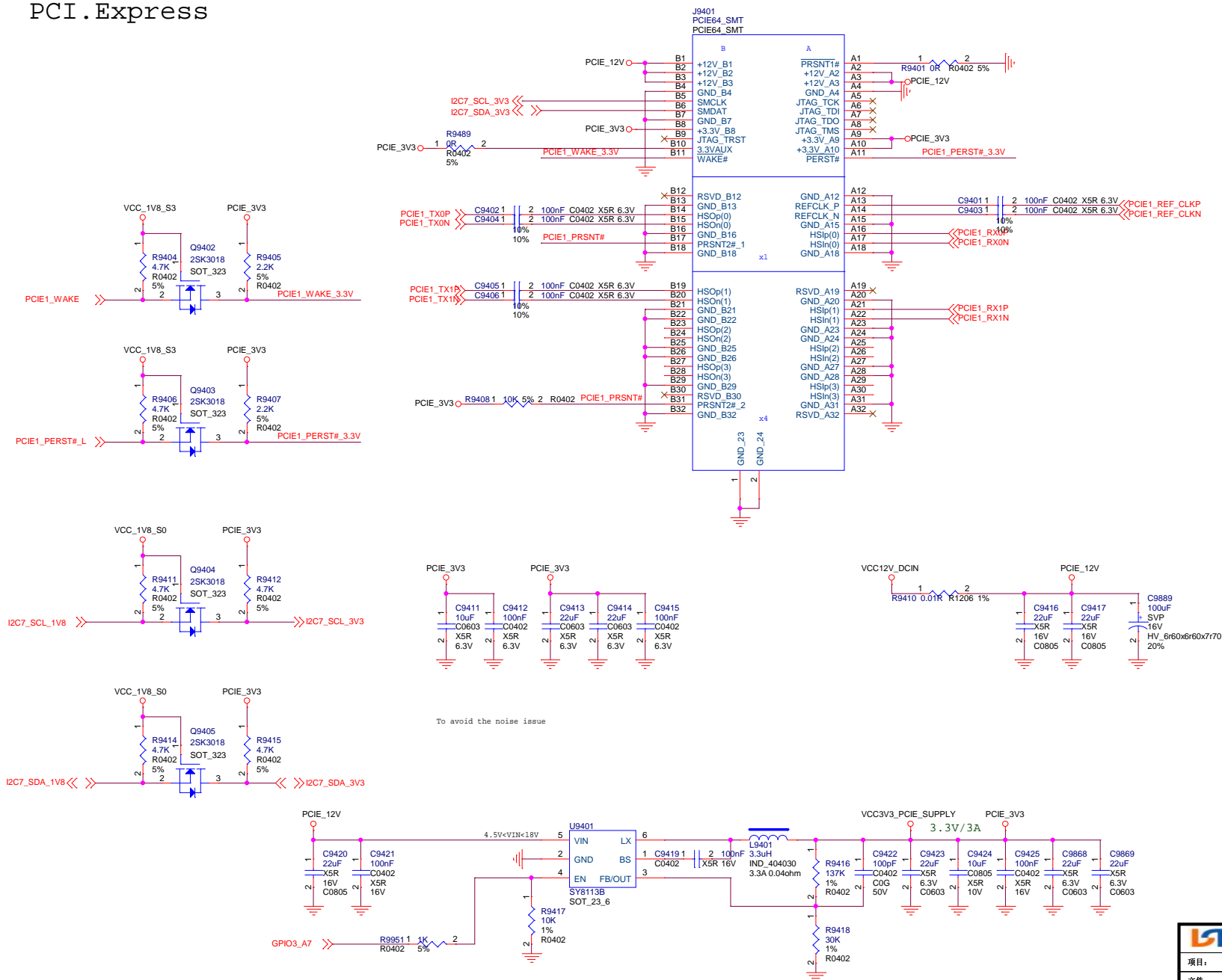
UART RS232 Port1

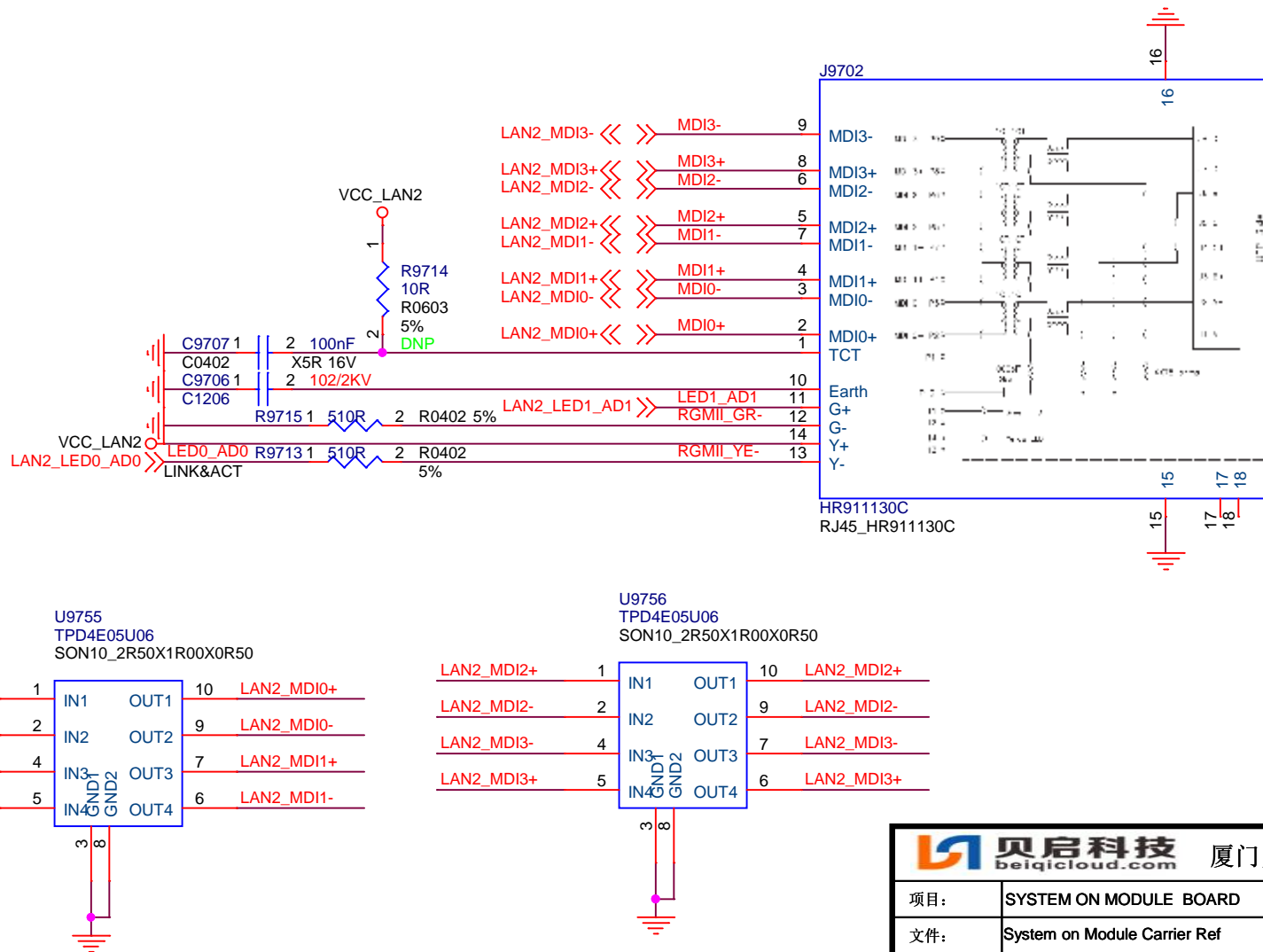
Headset&MIC




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项目:	SYSTEM ON MODULE BOARD		
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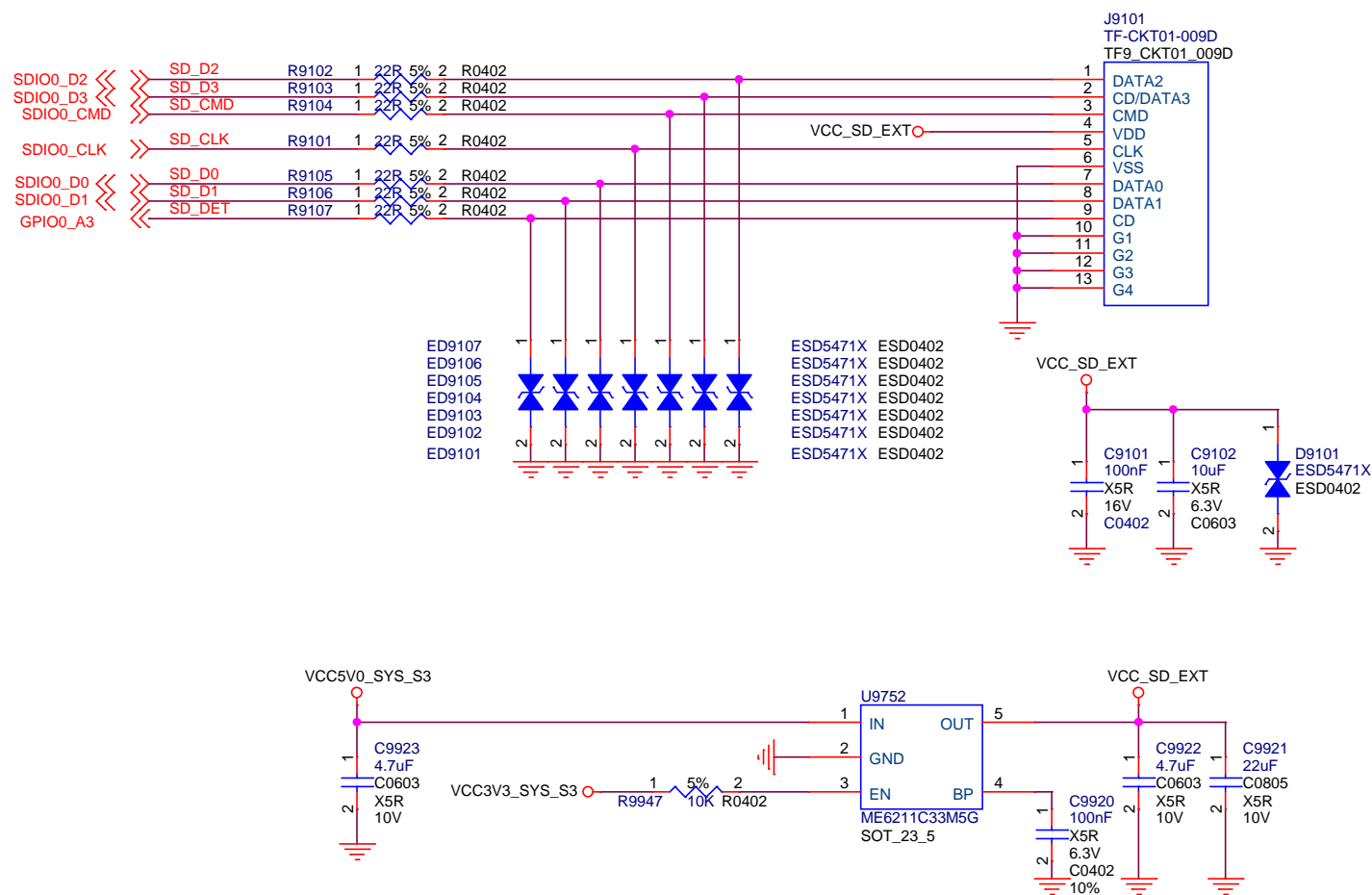
## PCI.Express






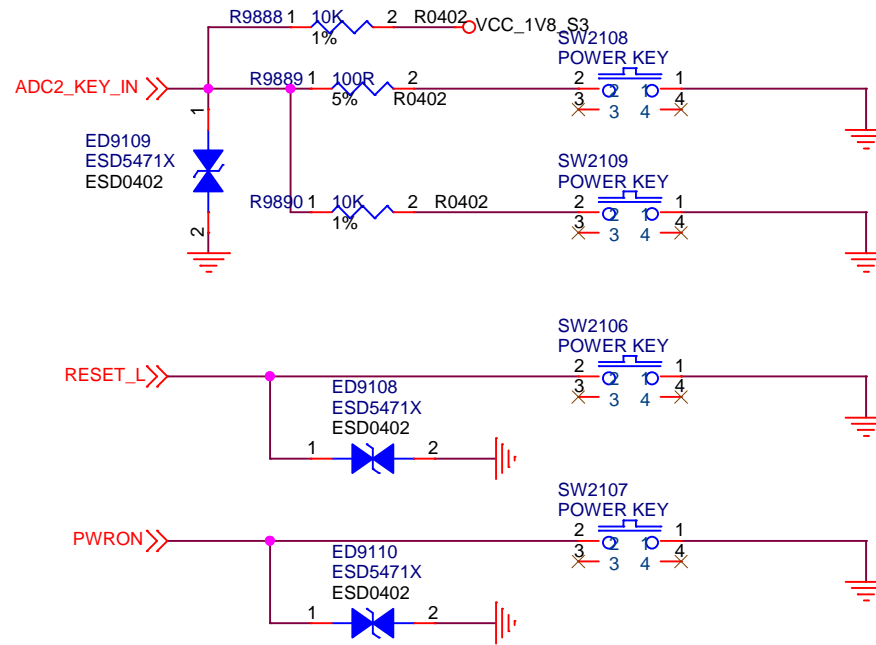
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项目:	SYSTEM ON MODULE BOARD		
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# TF Card



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