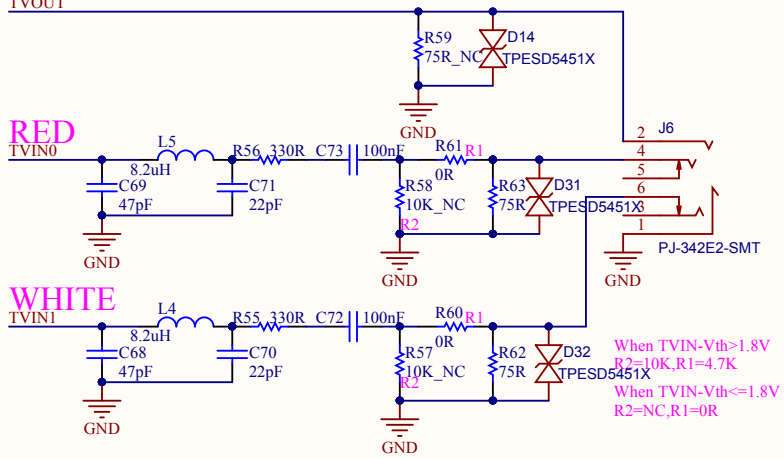


Analog Video

YELLOW
TVOUT

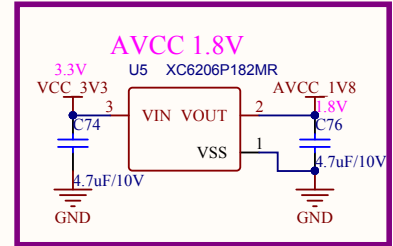
RED
TVIN0

WHITE
TVIN1

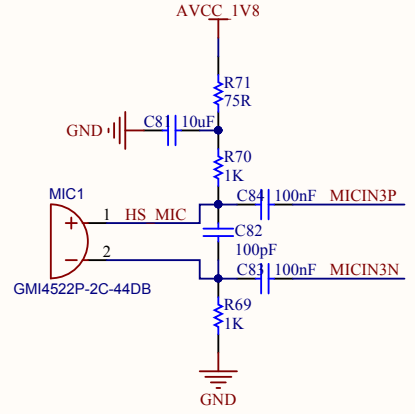


When TVIN-Vth>1.8V
R2=10K,R1=4.7K
When TVIN-Vth<=1.8V
R2=NC,R1=0R

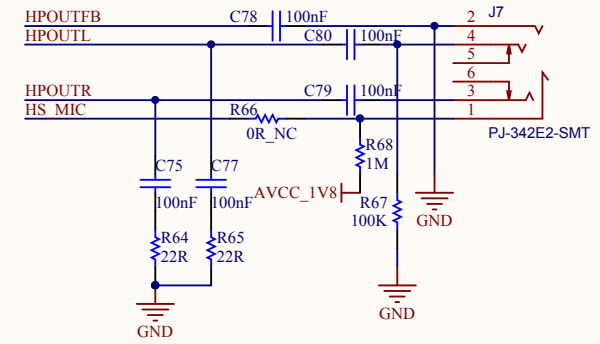
AUDIO



驻极体电容咪头



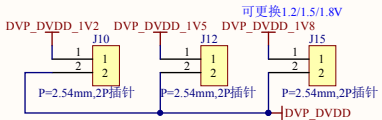
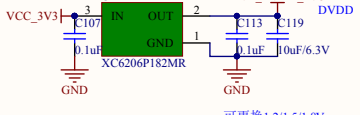
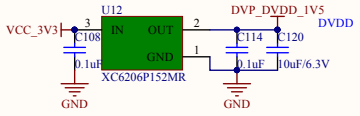
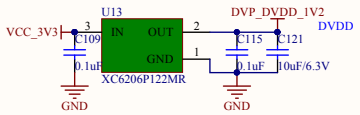
3.5mm插座 (可通过电阻选择是否有MIC)



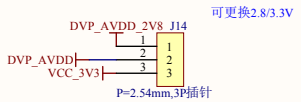
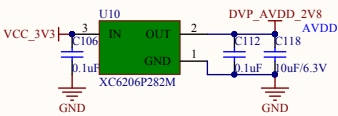
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针对不同的摄像头，跳线到不同的电压

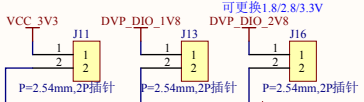
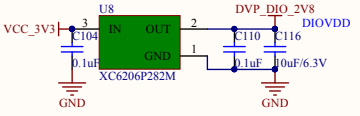
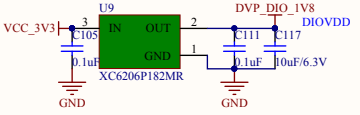
DVP DVDD电源



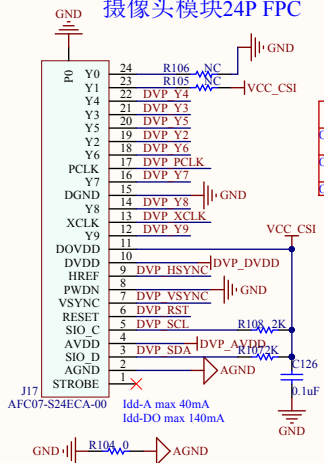
DVP AVDD电源



DVP DIO电源



摄像头模块24P FPC



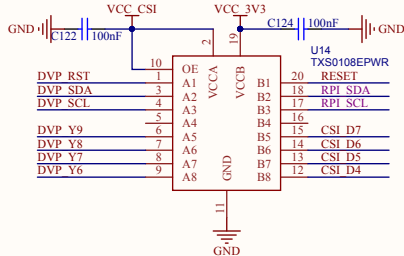
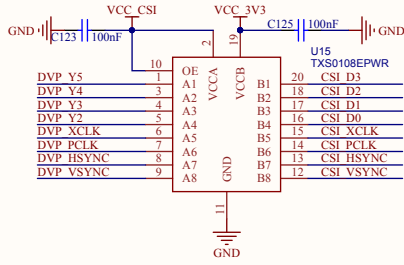
	AVDD	DVDD	DIOVDD
OV2640	2.8V	1.2V	1.8/2.8/3.3V
OV5640	2.8V	1.5V	1.8/2.8V
OV7725	3.3V	1.8V	2.8/3.3V

不同CSI接口电平转换

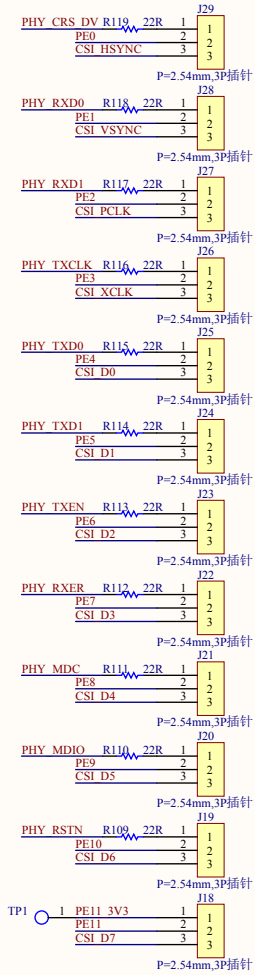
Push-Pull:60M bps
OPEN Drain:2M bps
VCCA<=VCCB

CAMERA侧

SOC侧

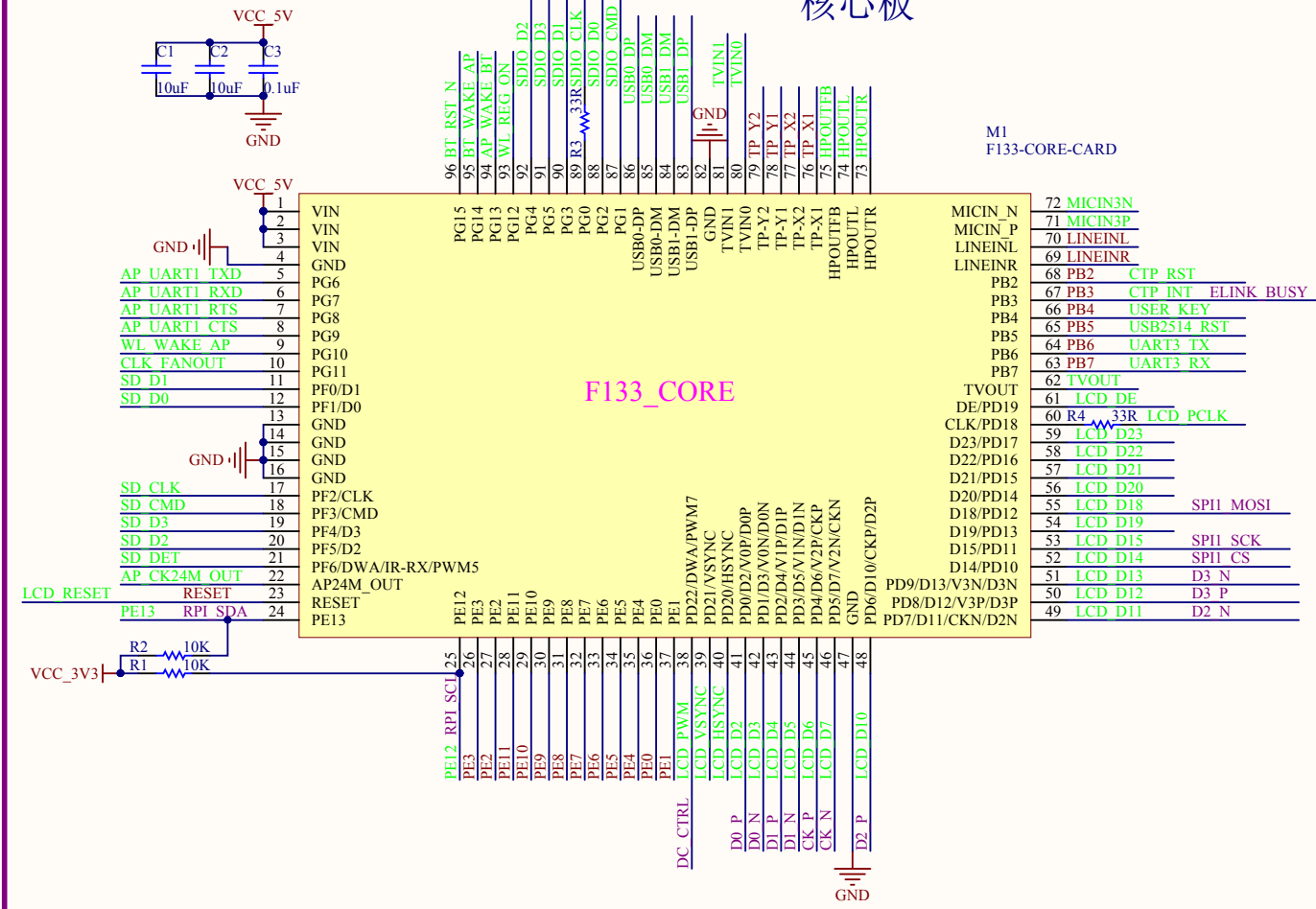


CAMERA接口或者RMII网络接口二选一

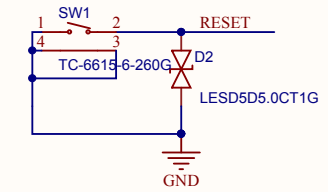


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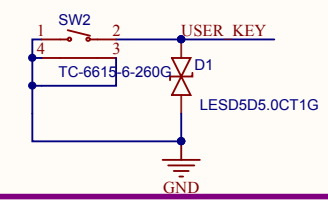
核心板



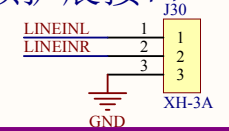
RESET



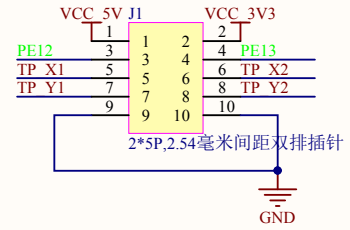
USER KEY



音频扩展接口

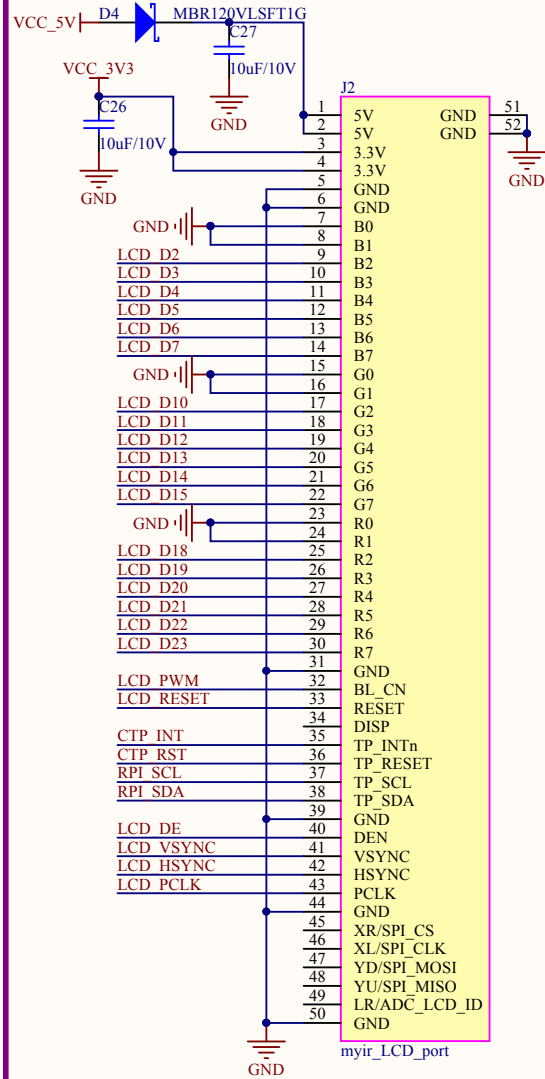


扩展接口

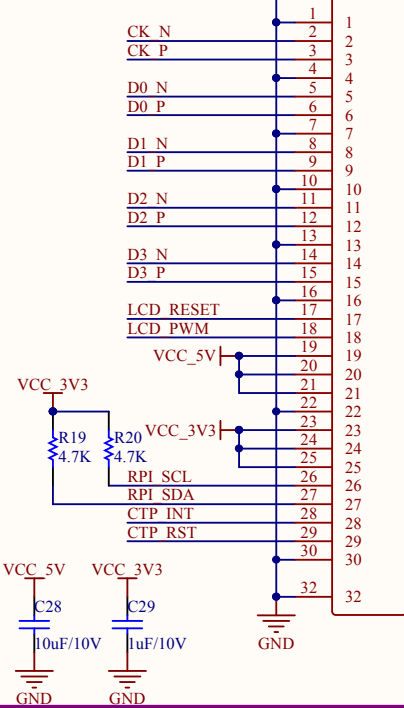


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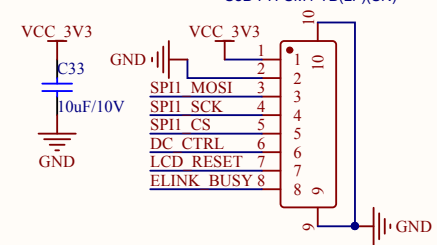
RGB LCD INTERFACE



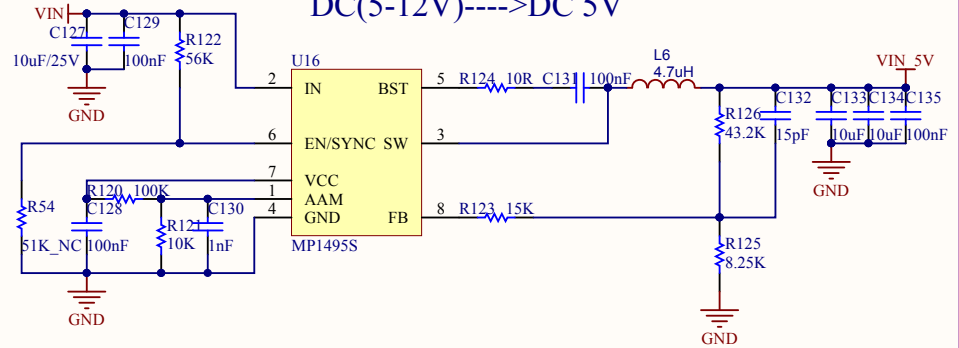
DSI J3



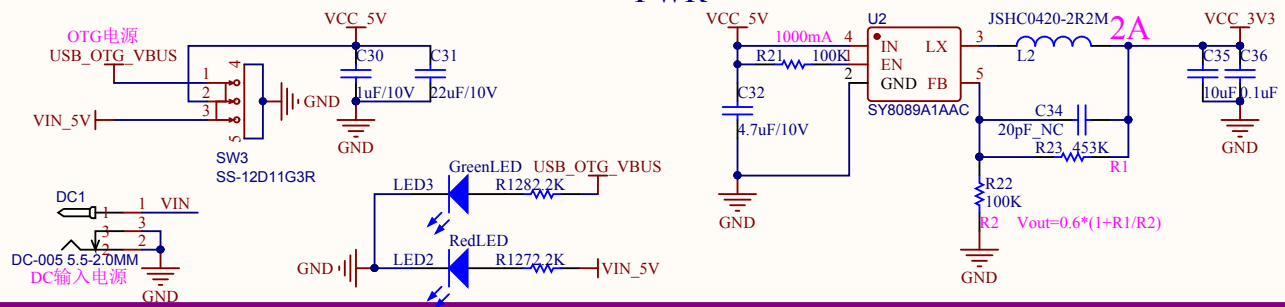
ELINK墨水屏



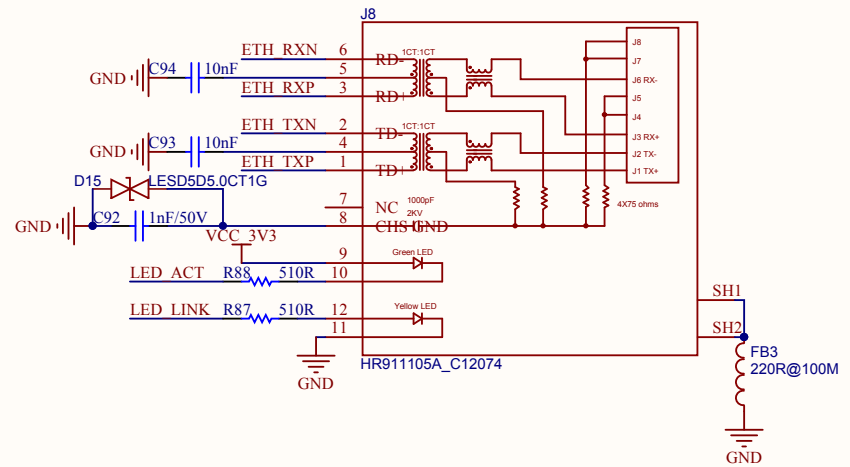
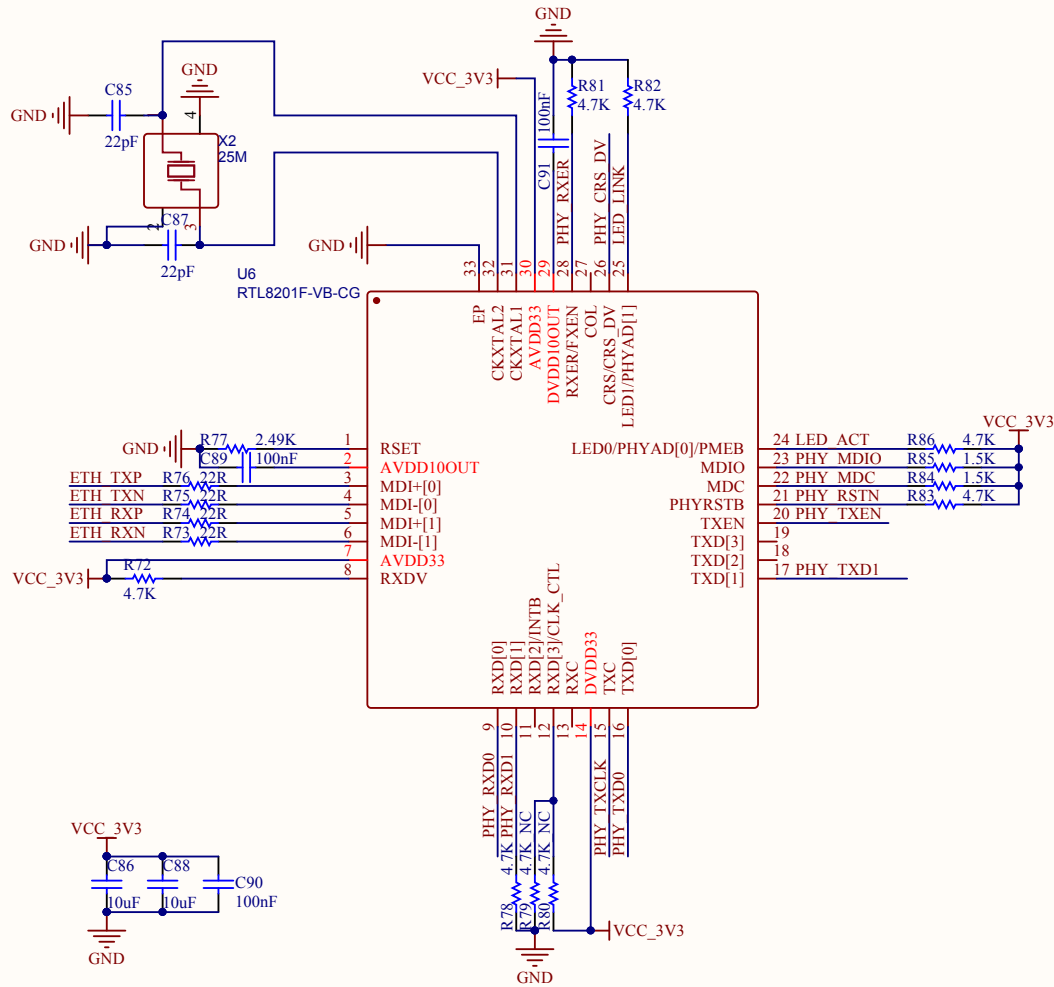
DC(5-12V)---->DC 5V



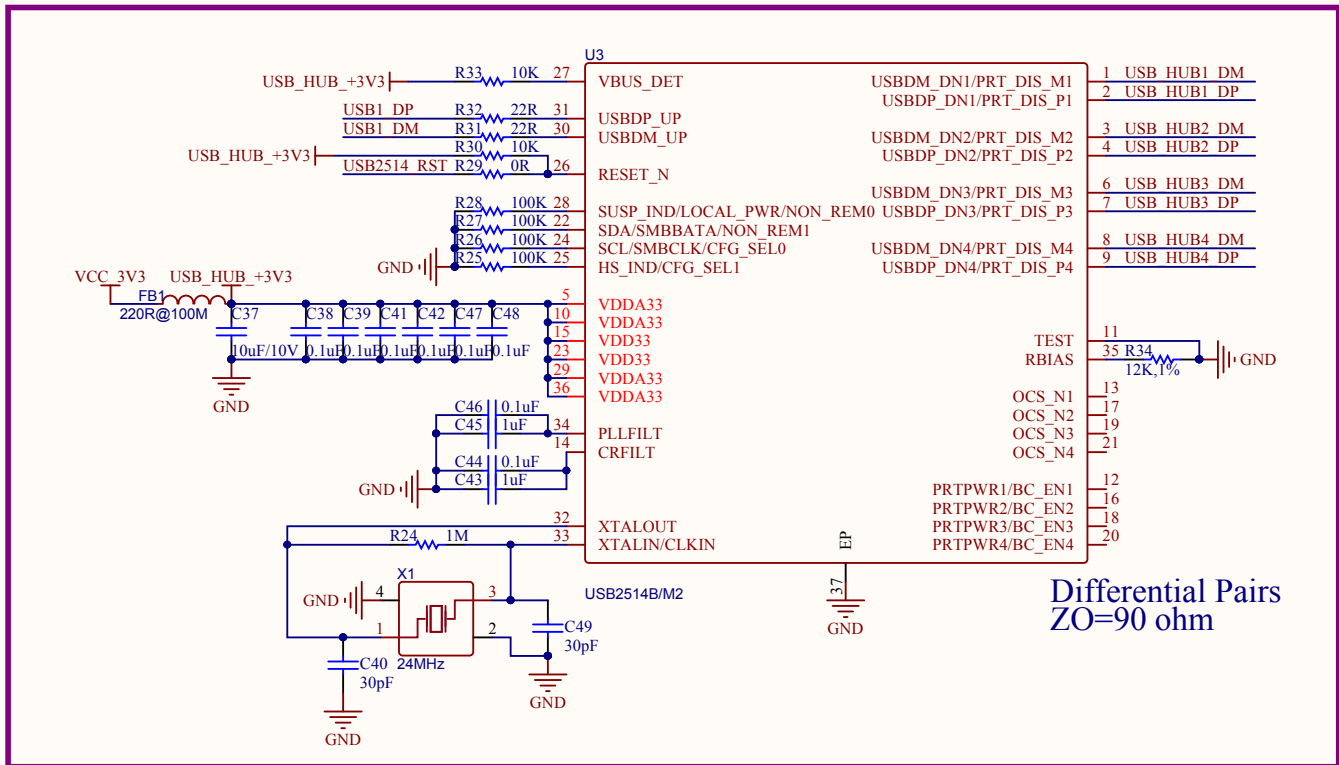
PWR



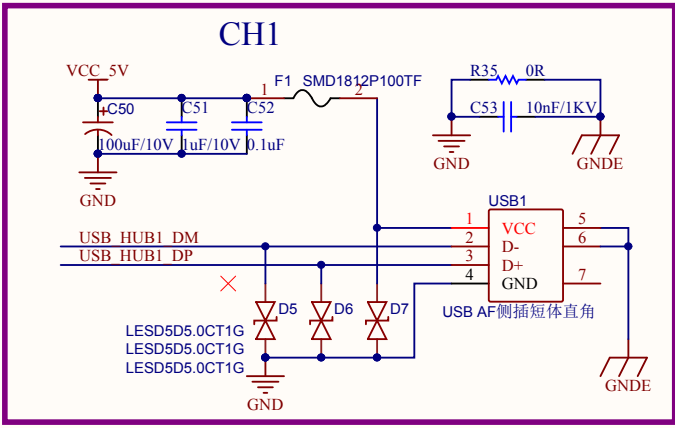
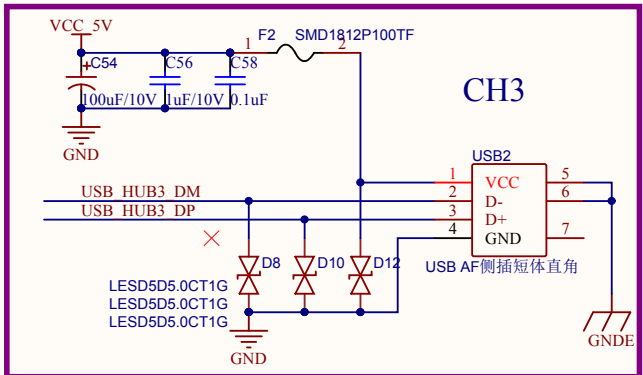
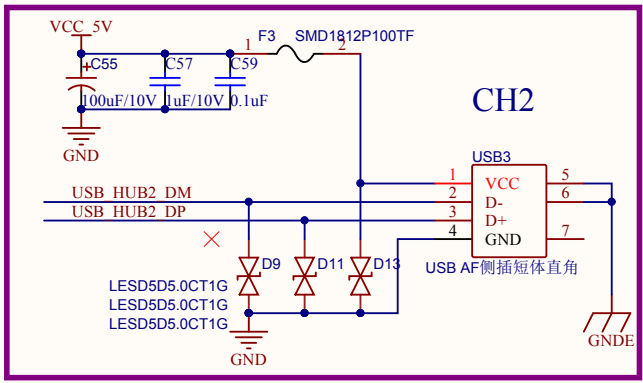
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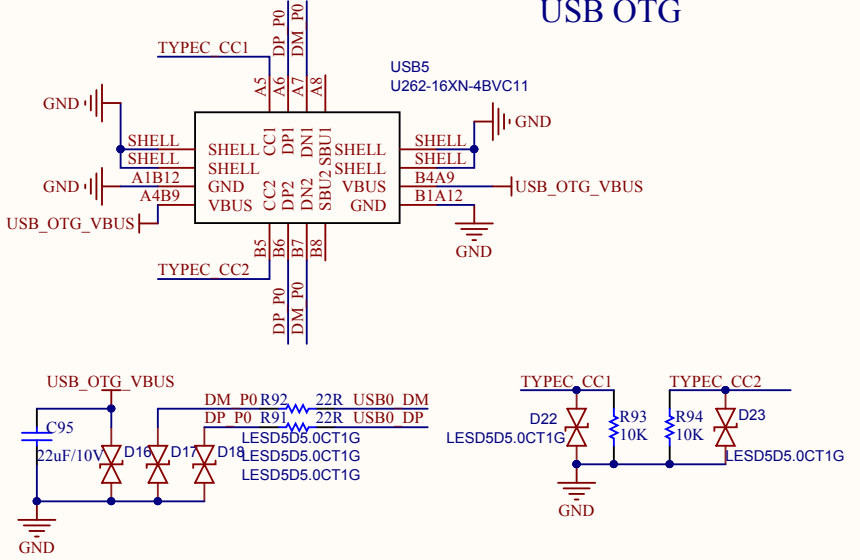


Differential Pairs
ZO=90 ohm

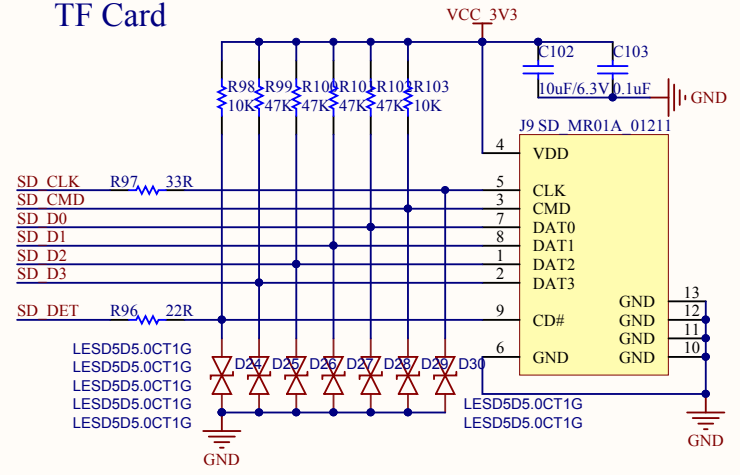


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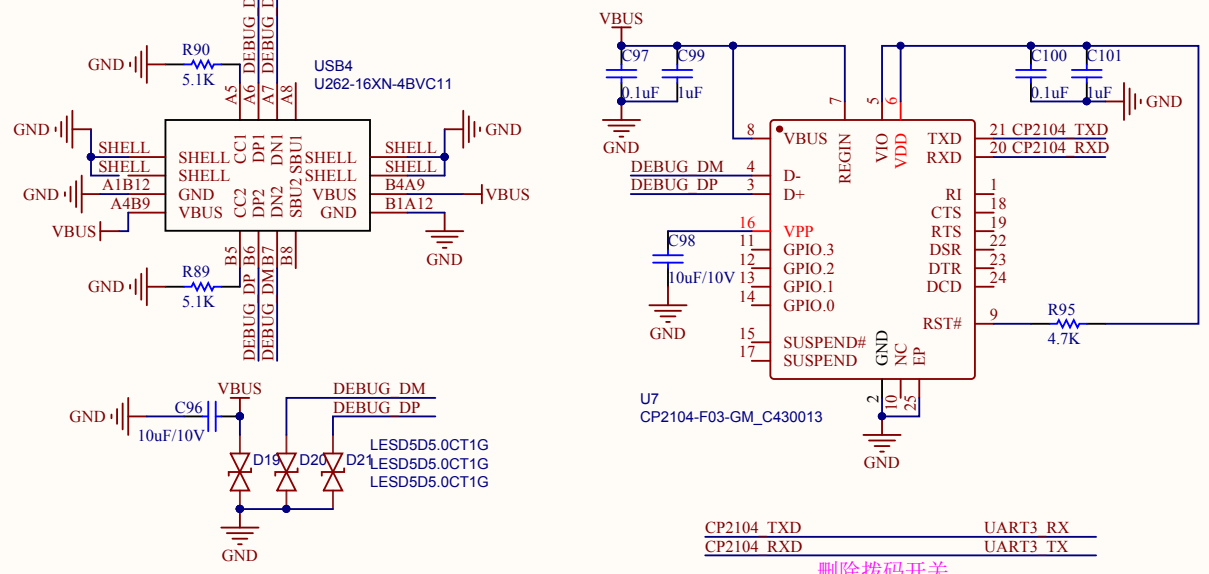
USB OTG



TF Card



CP2104 & DEBUG



CP2104 TXD UART3 RX
 CP2104 RXD UART3 TX

删除拨码开关

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