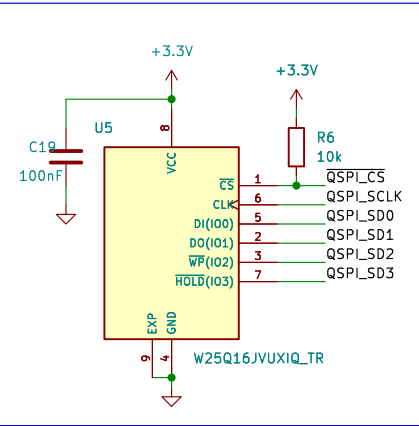
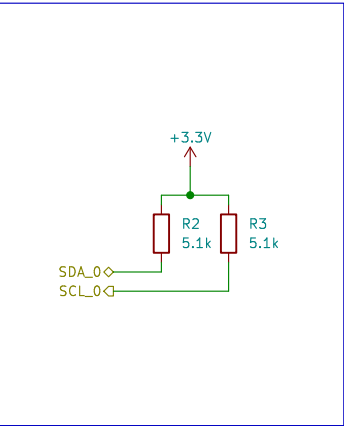


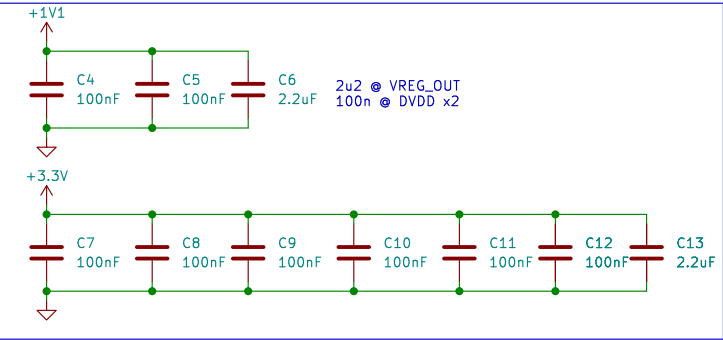
SPI Flash



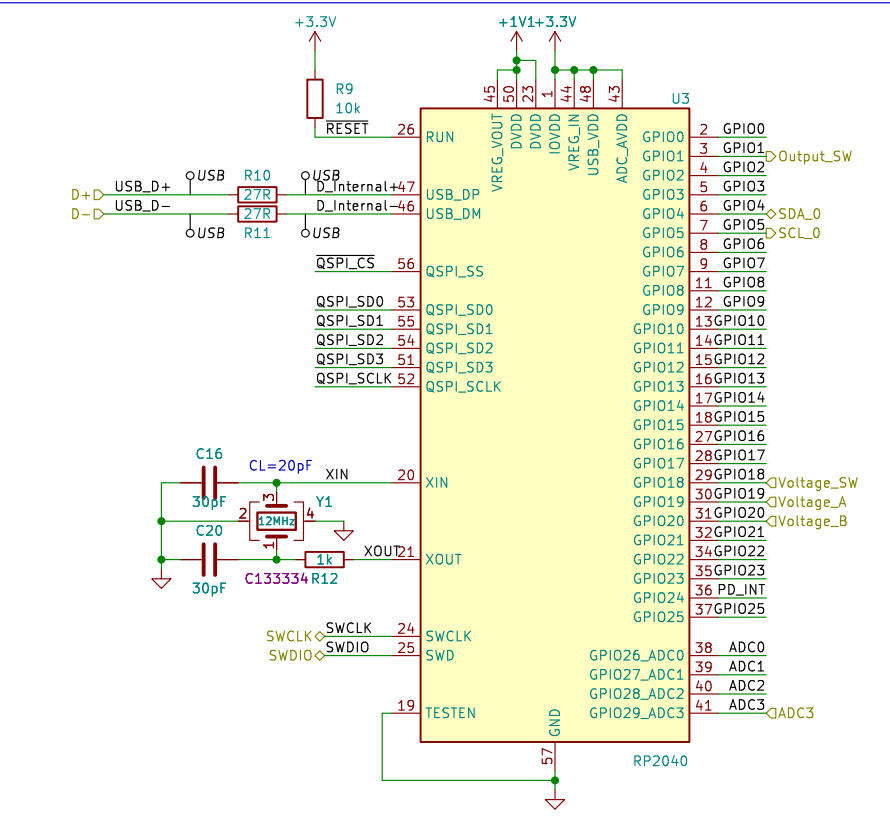
I2C Pull-up



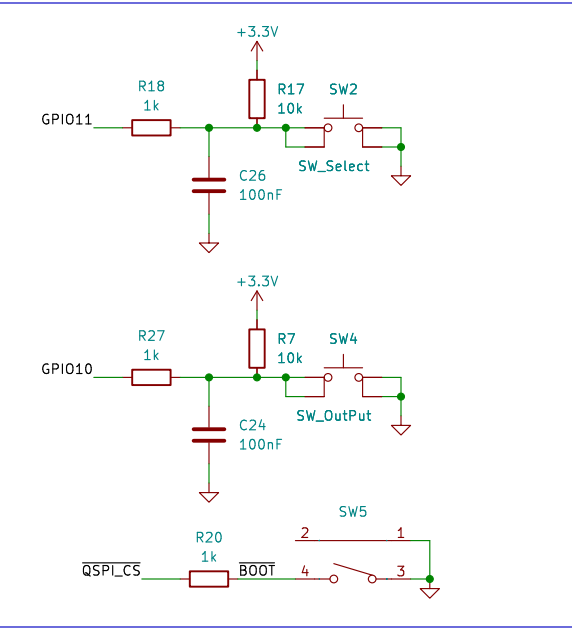
Decoupling Caps uC



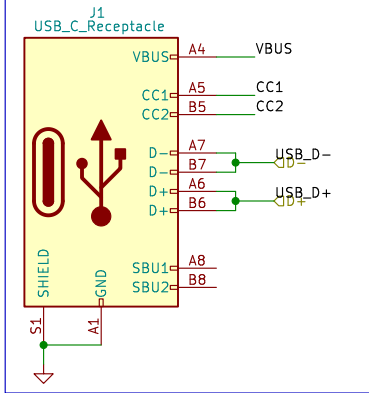
MicroController



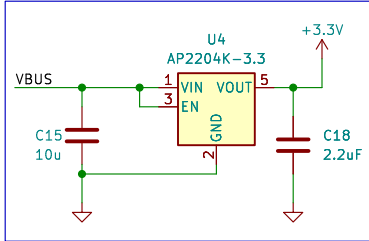
Switches



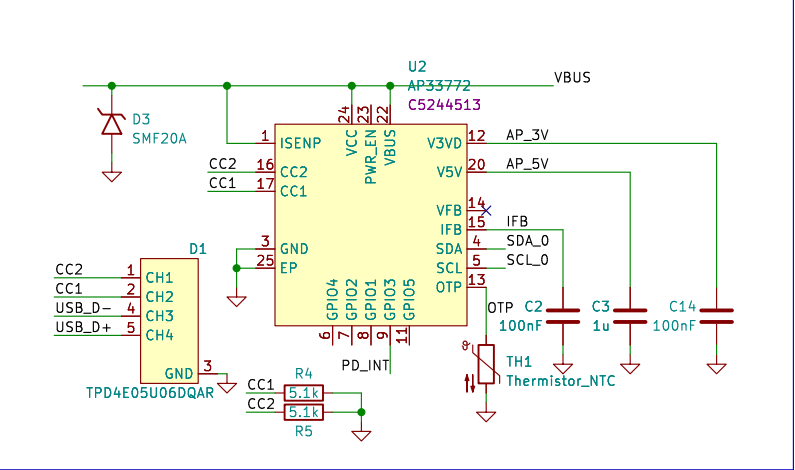
# USB-C Connector



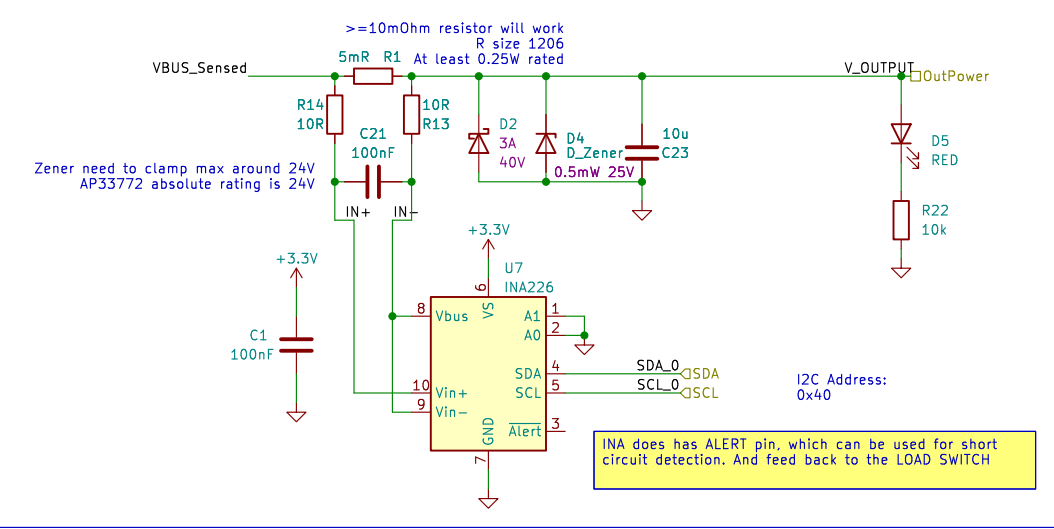
# LDO 3.3V



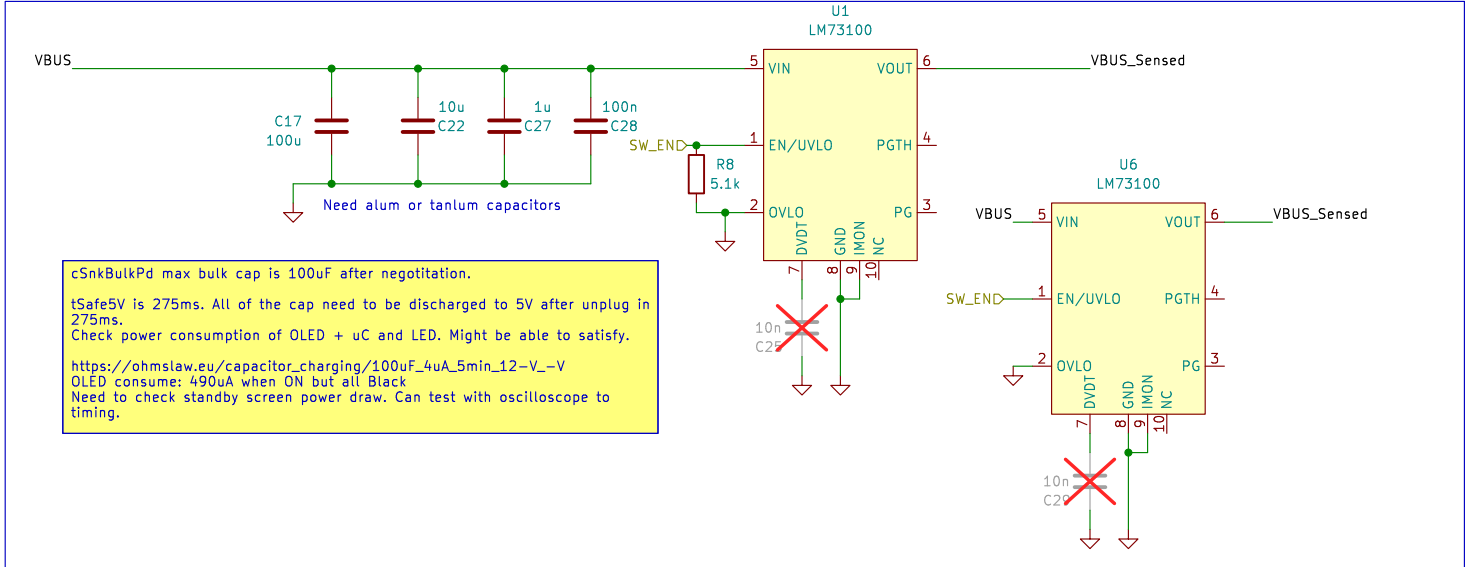
# USB PD Controller



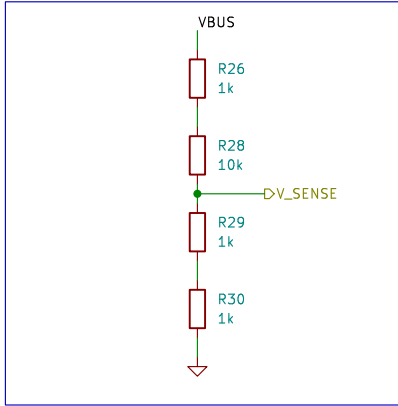
# Current Sensor



# 23V, 5A switch for power, 28mOhm



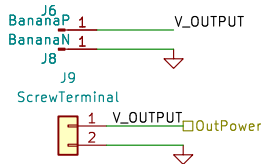
# Input Voltage Sensing



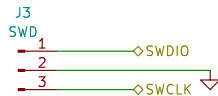
## OLED\_Pins



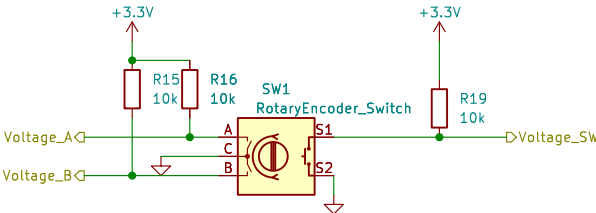
## Output Connectors



## Programming



## Rotary Encoder



## Mounting Holes



Output connector consideration:  
+ Banana Jack -> Standard for power supply  
+ Screw terminal 3.5mm, 5mm pitch both introduce gap in the case and result in dust  
+ Terminal block plug-in  
+ XT60 -> Doable  
+ XT30 -> Doable  
+ DC barrel jack - Tend to rated up to only 2A, fire hazard.

Sheet: /Connection/  
File: Connection.kicad\_sch

### Title:

Size: USLegal  
KiCad E.D.A. 9.0.0

Date:

Rev:

Id: 4/4