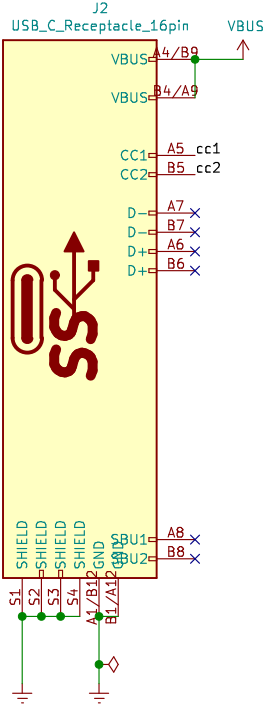
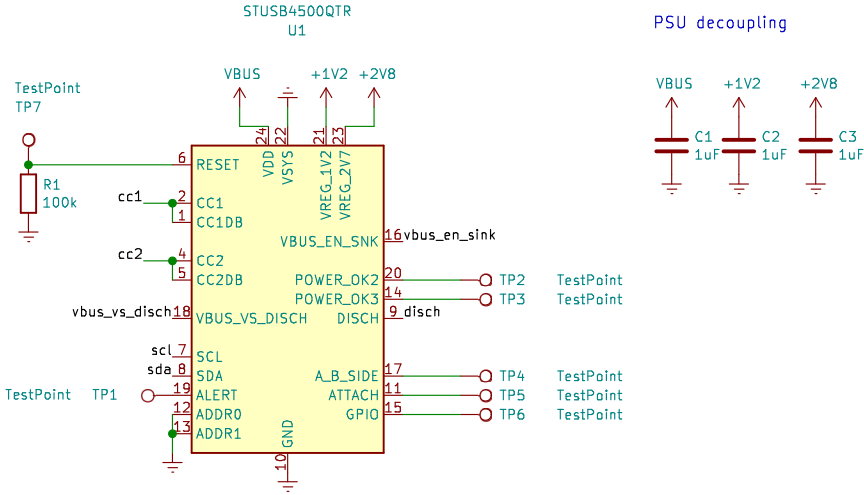


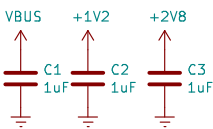
USBC socket (16pin)



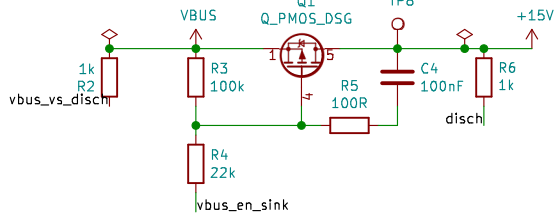
STUSB4500



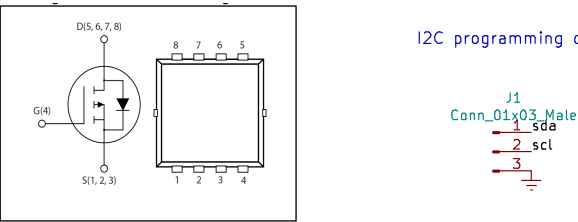
PSU decoupling



VBUS switch



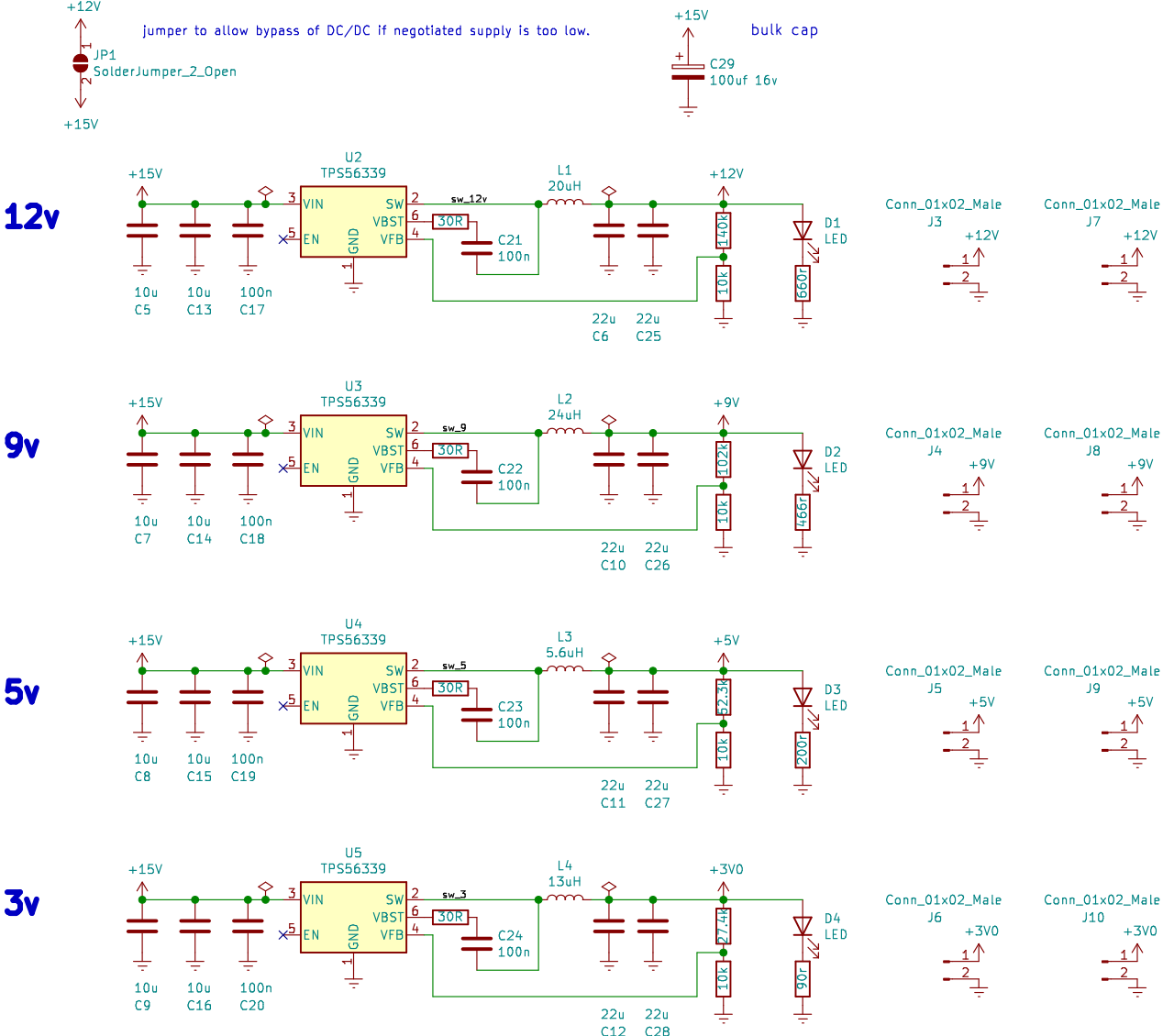
I2C programming connector



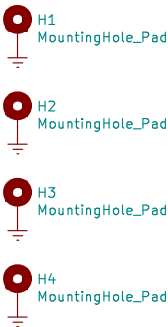
DC/DC supplies

All component values from TI webench online simulator

All power good LEDs are 2v drop and run at 15mA



Mounting holes



Matt Venn

Sheet: /  
File: synth-psu.sch

Title: USBC Synth PSU

Size: A3 Date: 2020-08-31  
KiCad E.D.A. kicad 5.1.6-c6e7f7d87ubuntu18.04.1

Rev: 1  
Id: 1/1