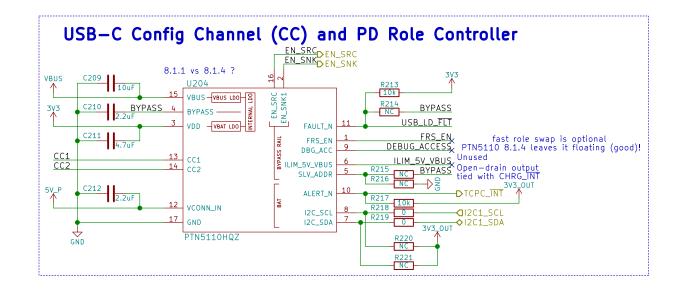
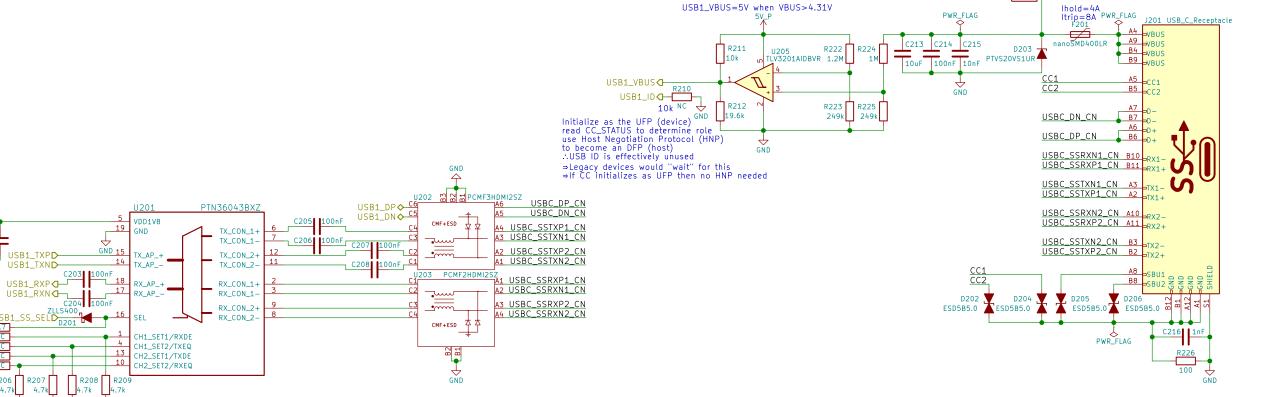


"Under dead battery operation, PTN5110 applies voltage clamps to both CC pins so that the system may receive power as a Sink. To support platforms with buck—boost configuration, PTN5110 asserts EN\_SNK1 pin based on validity of VBUS voltage (facilitates 5 V VBUS sinking)."



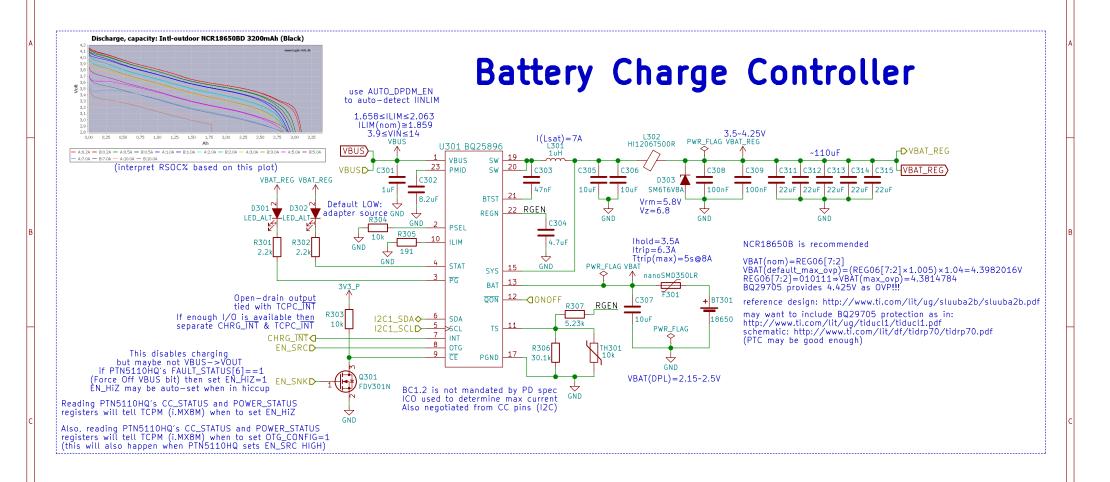


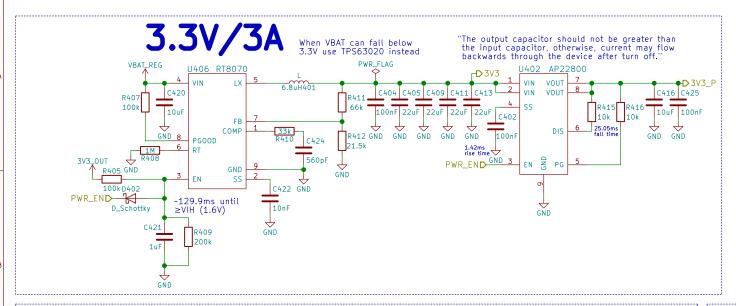
VDD1V8

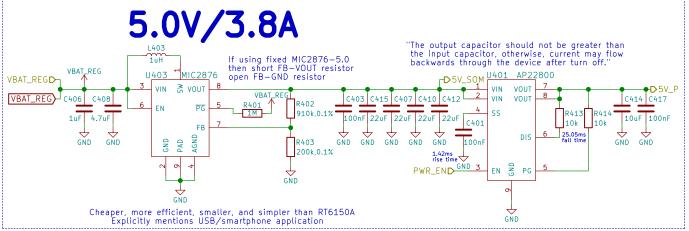
USB1\_SS\_SELD

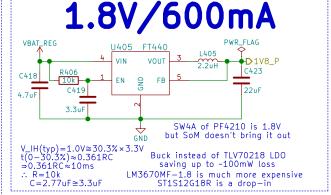
GNU GPLv3				
Copyright 2018				
Purism SPC				
Sheet: /USB-C/				
File: usb-c.sch				
Title: USB Type C				
Size: A3	Date: 2018-05-16		Rev: v0.1.0	
KiCad E.D.A. kic	ad 4.0.7		ld: 2/21	

**VBUS** ◆ **D VBUS** 

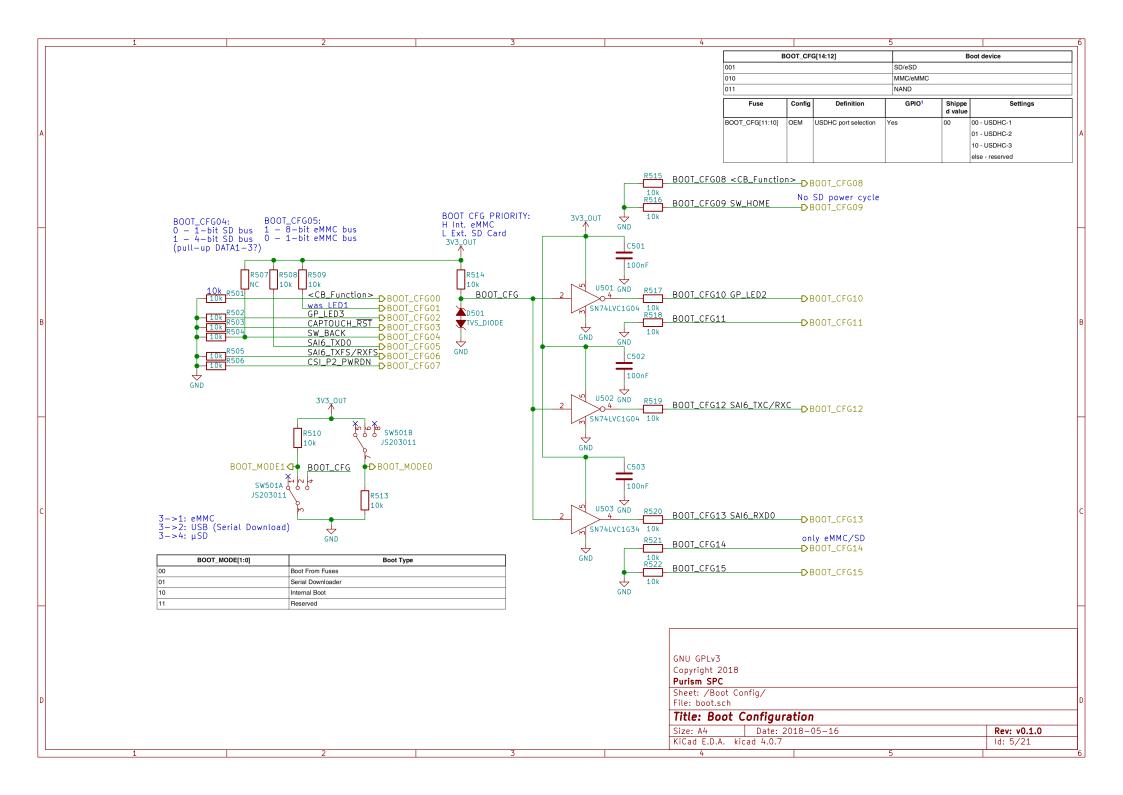


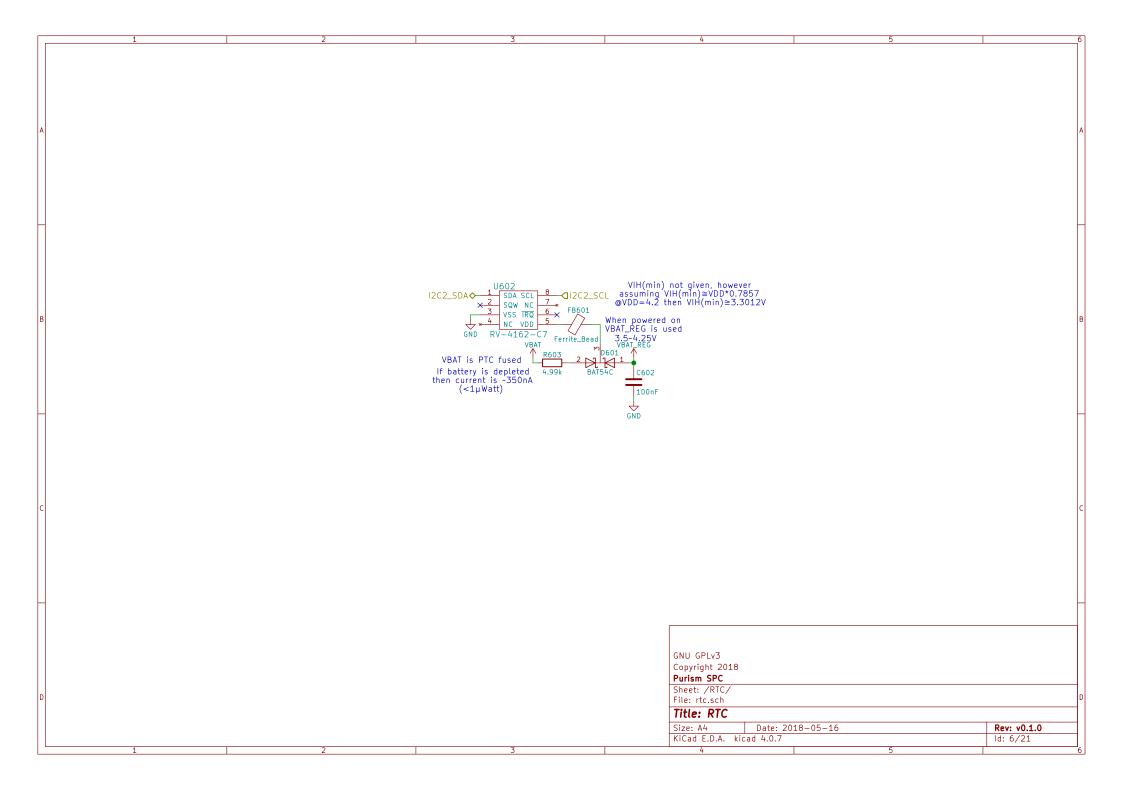


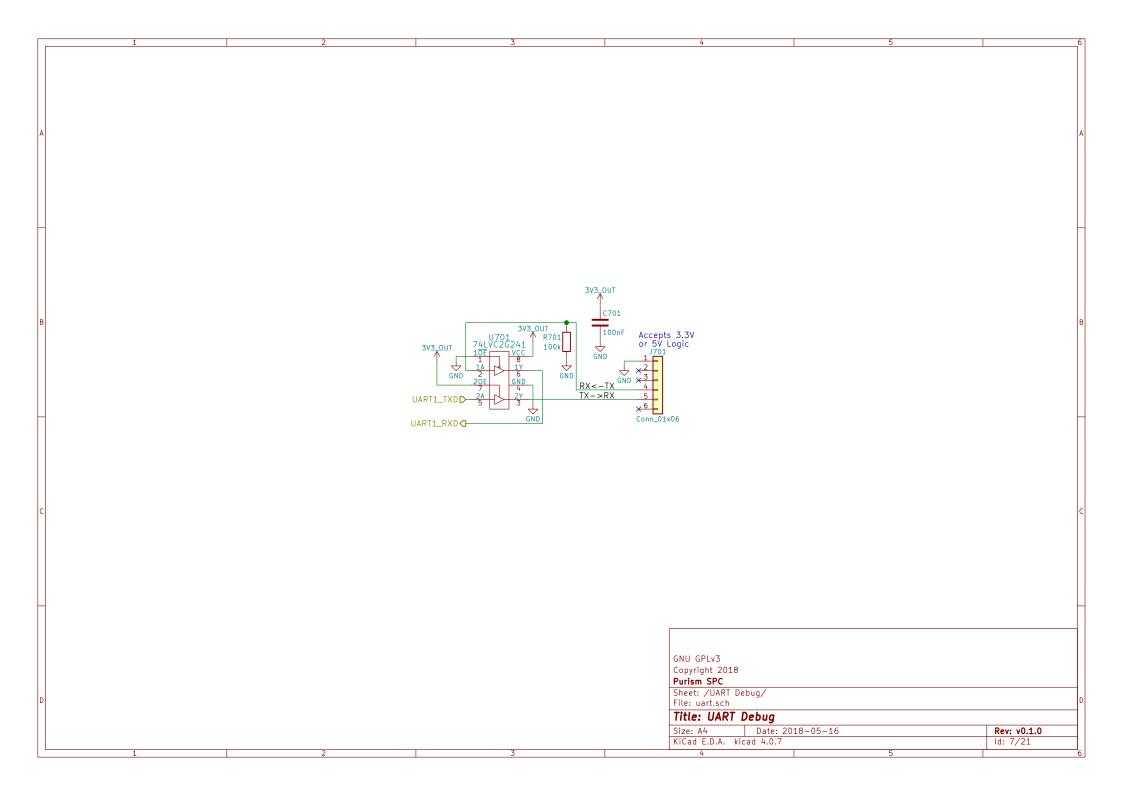


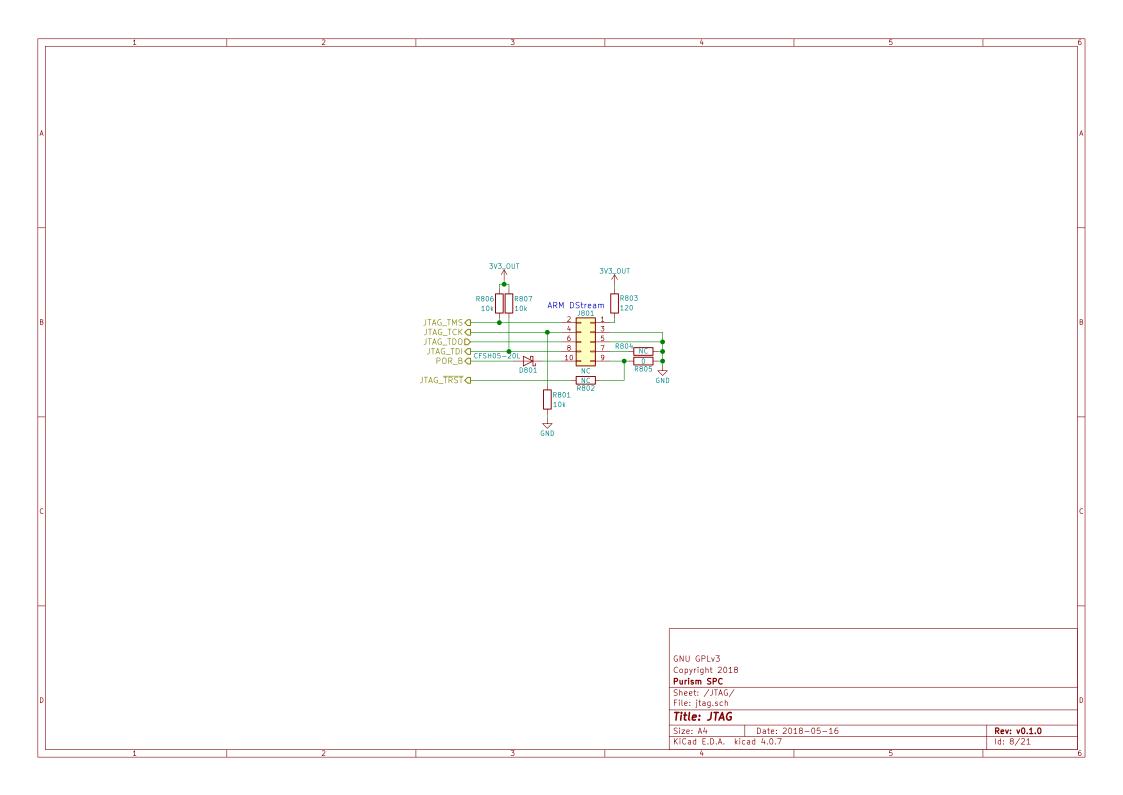


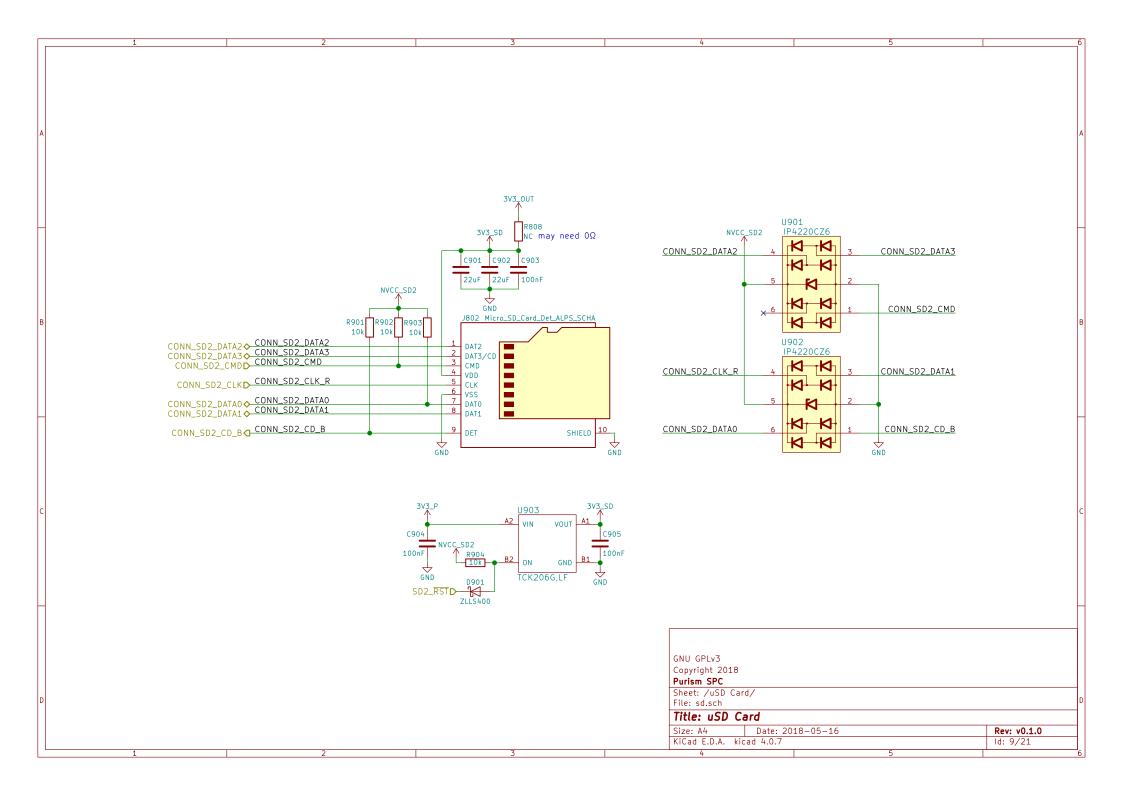
TODO: add parallel 100nF bulk caps! & spread all over the power plane

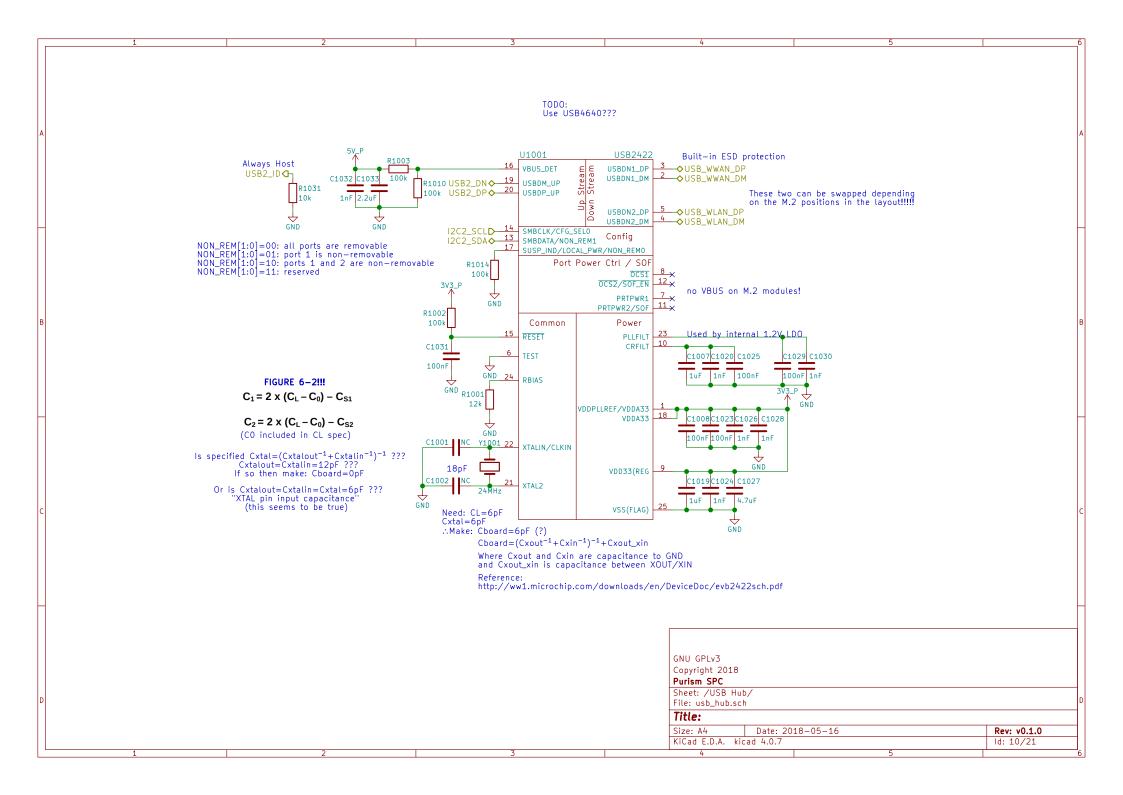


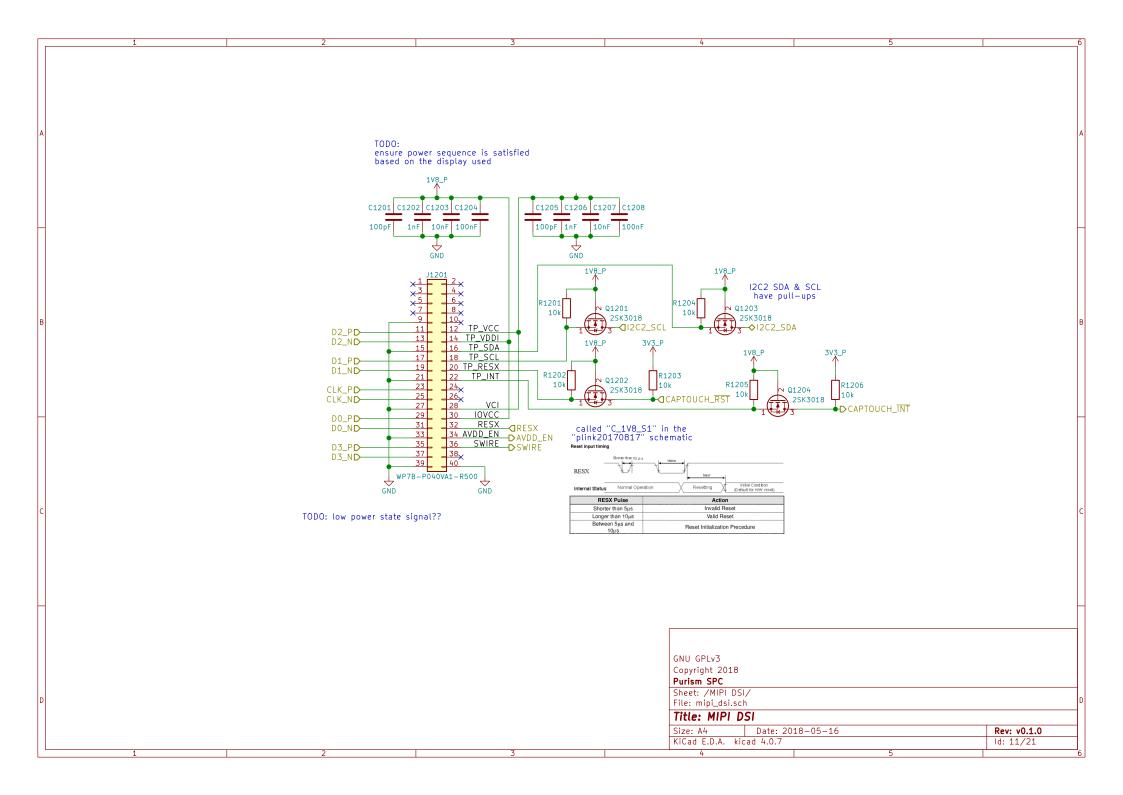


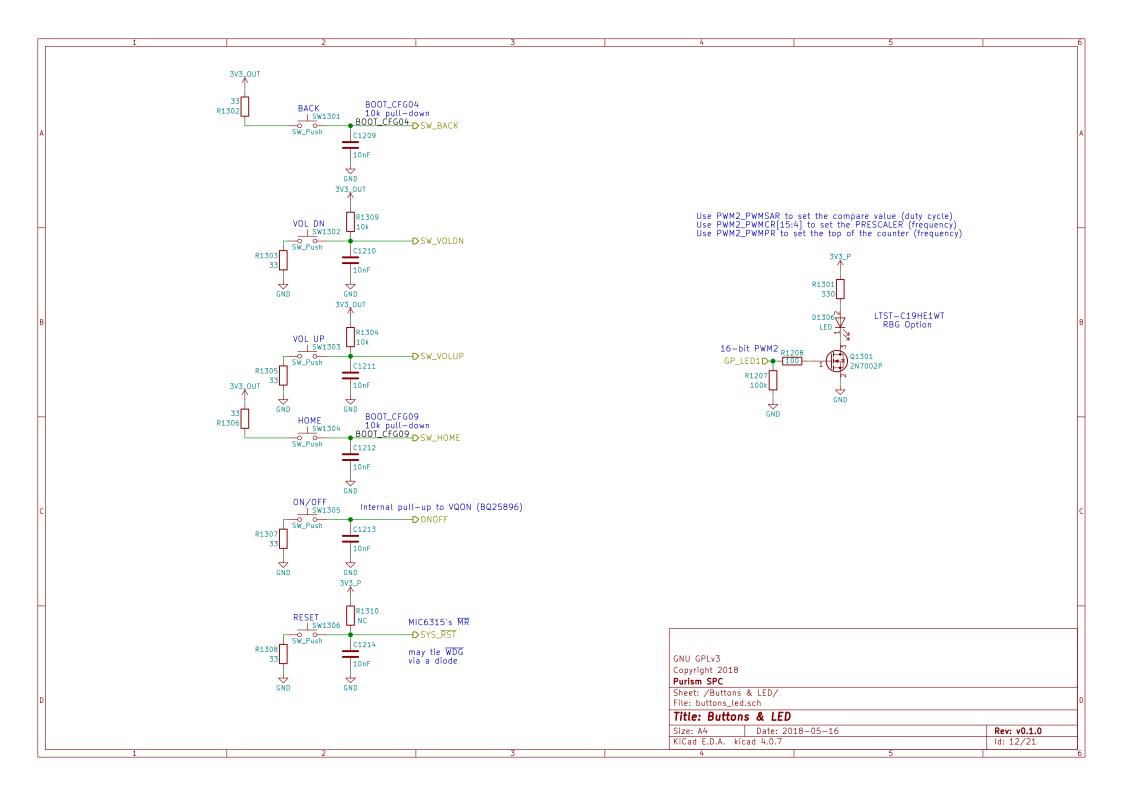


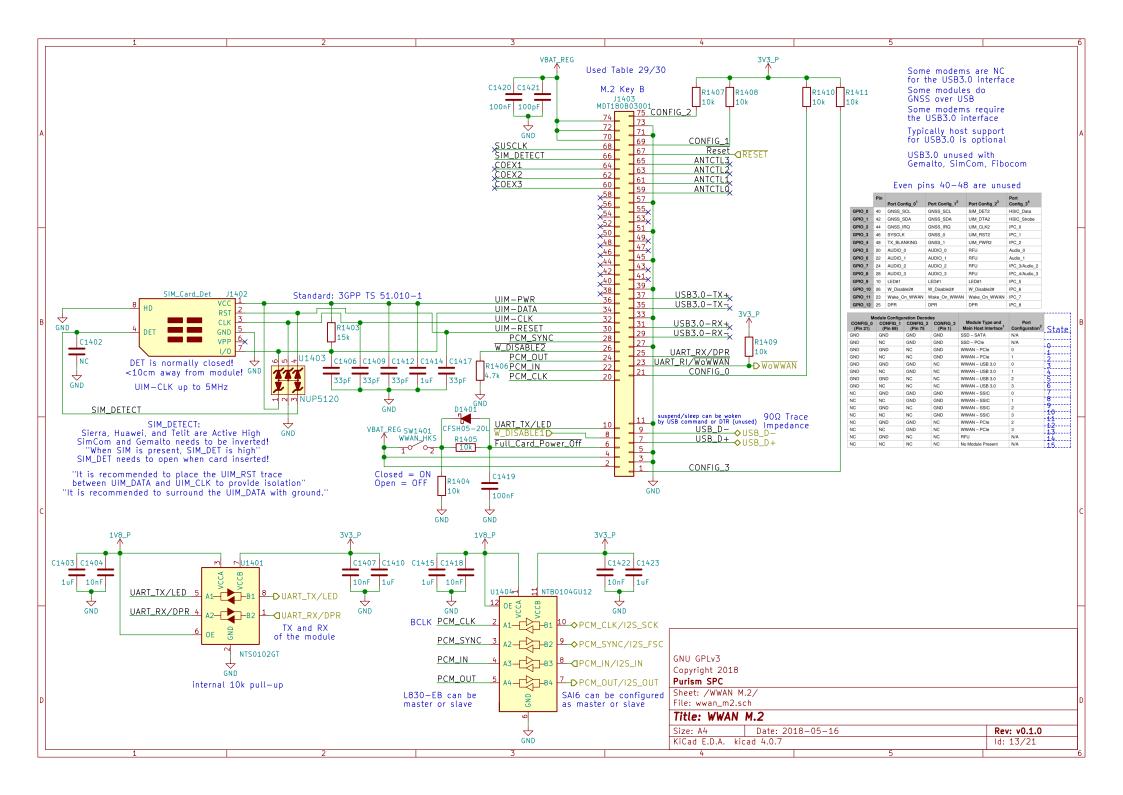


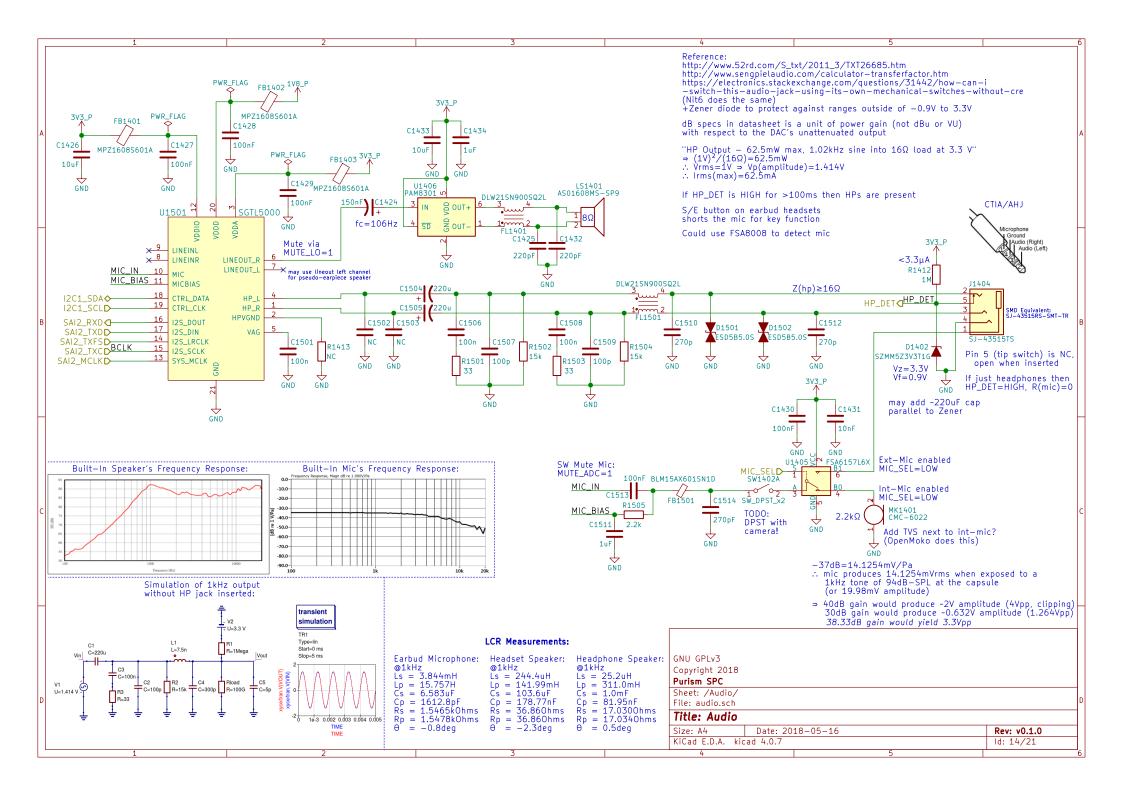


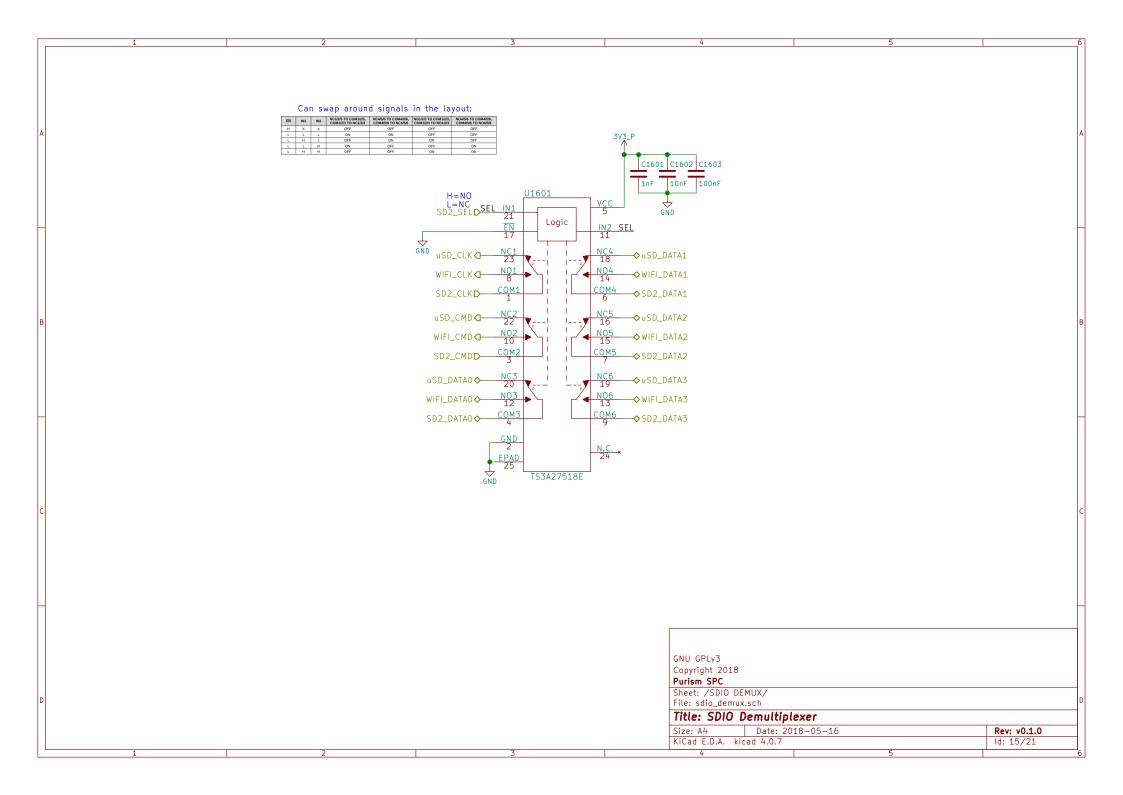


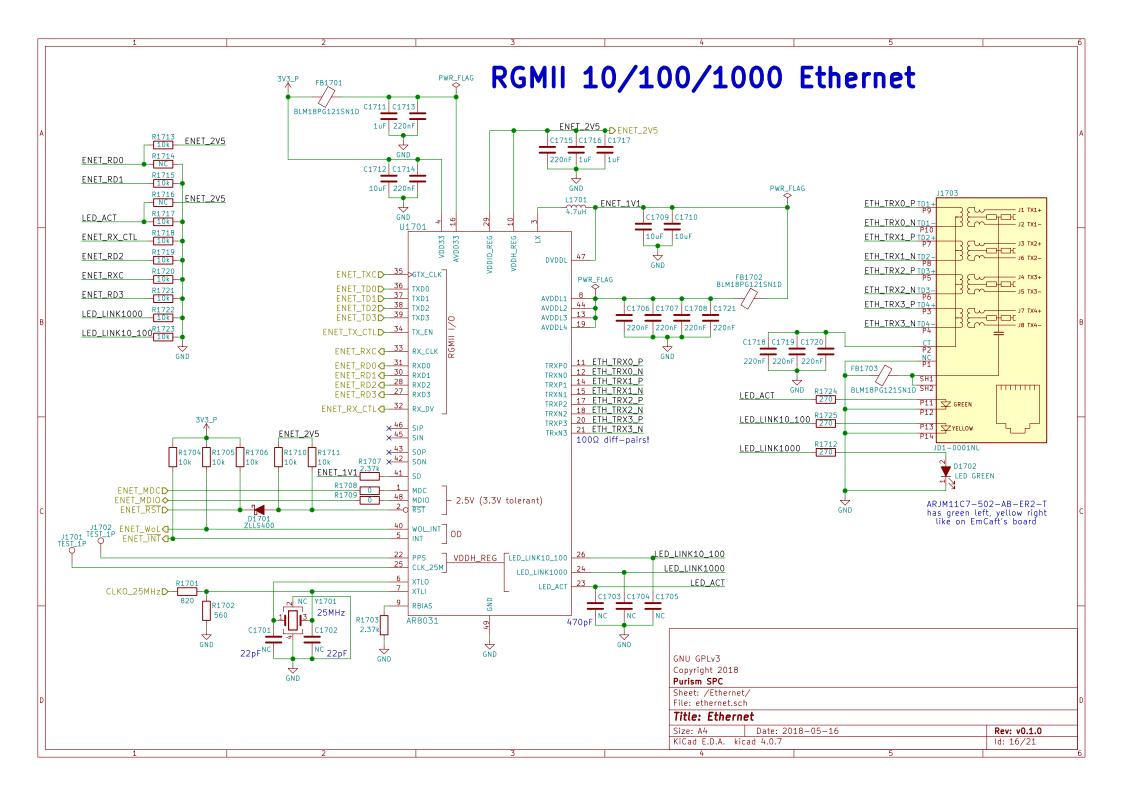


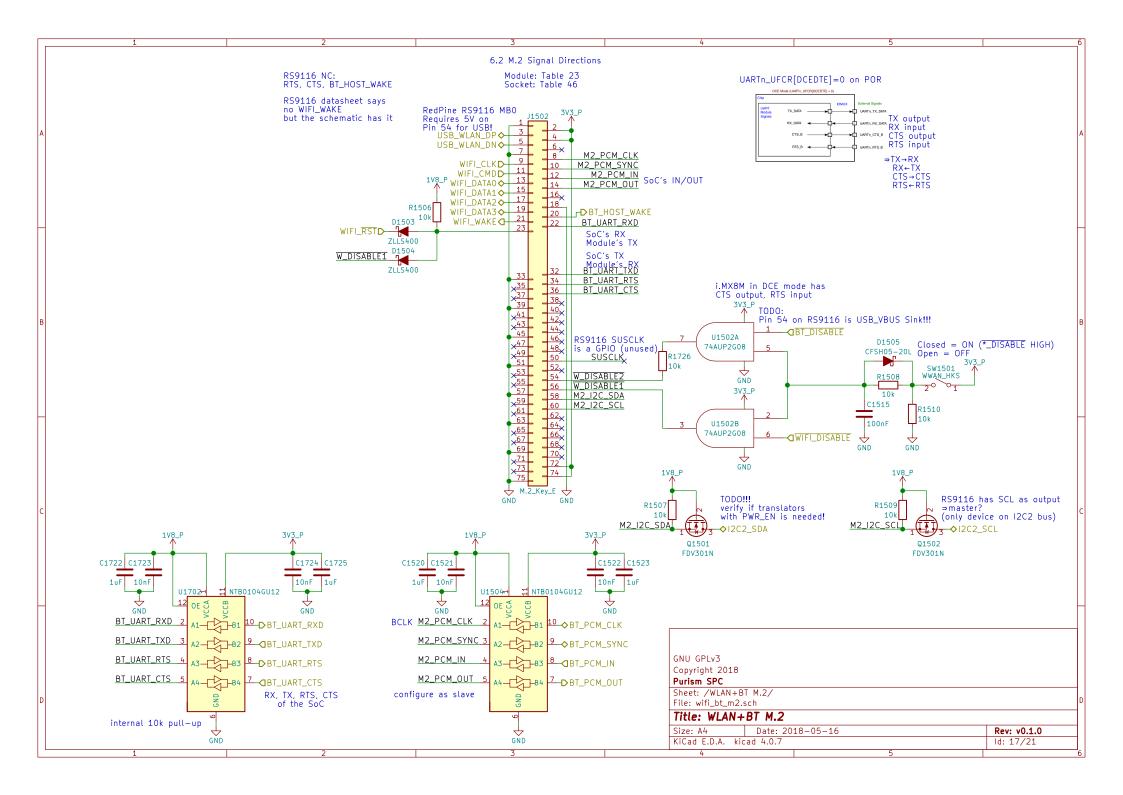


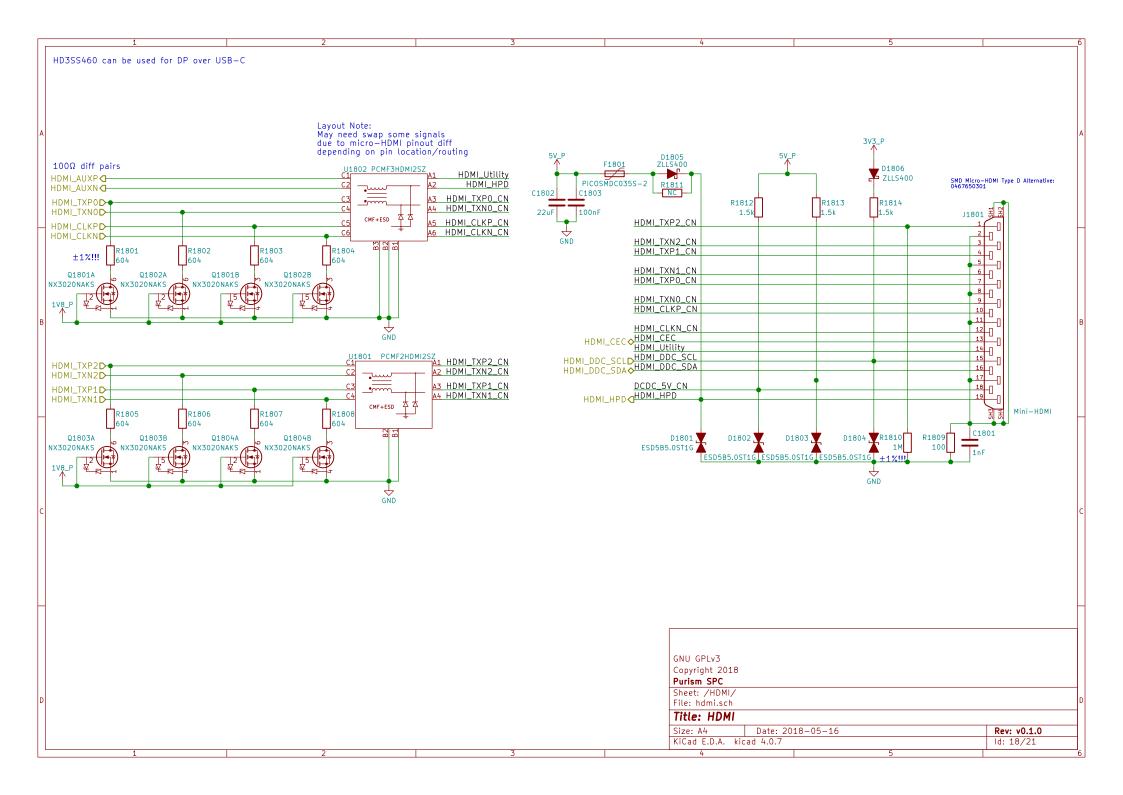




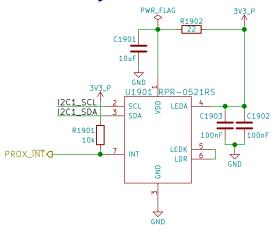




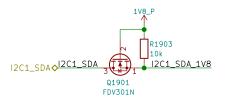




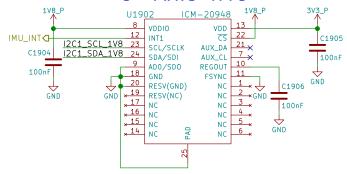
## Proximity & Ambient Light



Reference: http://www.rohm.com/web/global/sensor-shield-support/ps-als-sensor



## 9-Axis IMU



Peference:

https://store.invensense.com/datasheets/invensense/AN-IVS-0001EVB-00%20v1%202.pdf

ADO sets the slave address's LSB (110100X)

INT1\_ACTL sets if IMU\_INT
is active—high or active—low

"FSYNC - Connect to GND if unused"

12C's VIH=1.8V

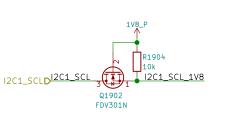




Figure 12. Orientation of Axes of Sensitivity and Polarity of Rotation



Figure 13. Orientation of Axes of Sensitivity for Magnetometer

GNU GPLv3
Copyright 2018
Purism SPC
Sheet: /Sensors/
File: sensors.sch

Title: Sensors

	litte: Sensors			
Ī	Size: A4	Date: 2018-05-16	Rev: v0.1.0	
ĺ	KiCad E.D.A. kid	ad 4.0.7	ld: 19/21	

