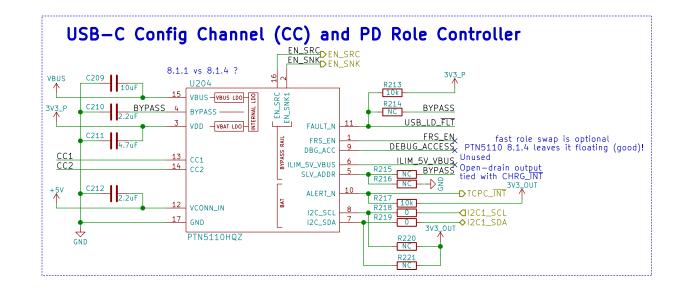
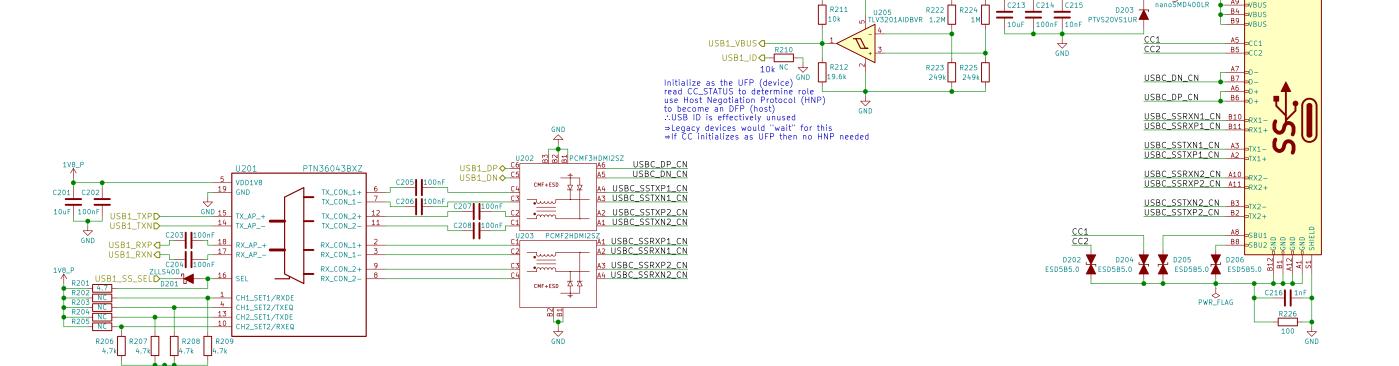


"Under dead battery operation, PTN5110 applies voltage clamps to both CC pins so that the system may receive power as a Sink. To support platforms with buck—boost configuration, PTN5110 asserts EN\_SNK1 pin based on validity of VBUS voltage (facilitates 5 V VBUS sinking)."



 $USB1_VBUS=+5V$  when VBUS>4.31V

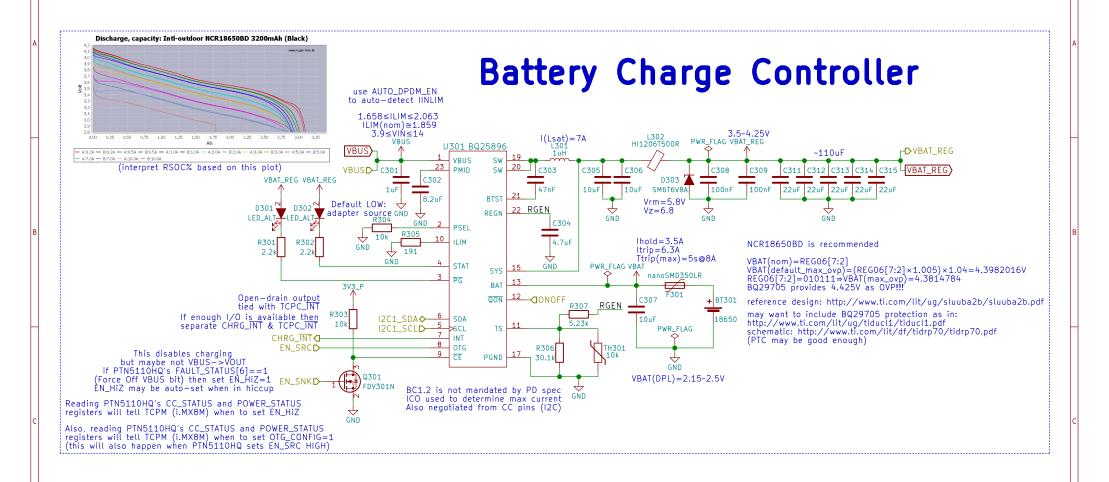


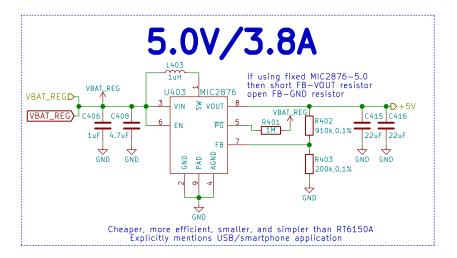
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	Copyright 2018					
	Purism SPC					
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	KiCad E.D.A. kic	ad 4.0.7	ld: 2/19			

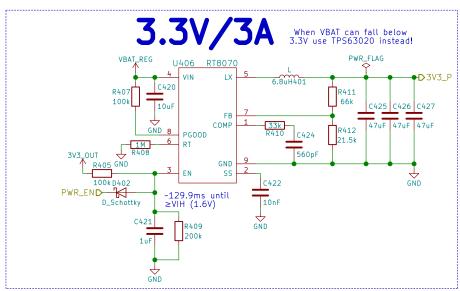
**VBUS** ◆ **D VBUS** 

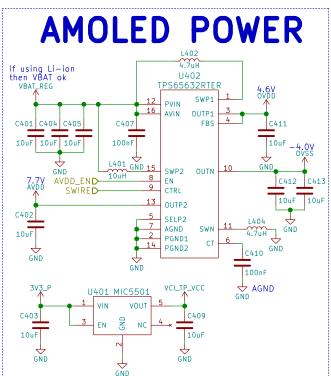
Ihold=4A Itrip=8A PWR\_FLAG F201\_ →

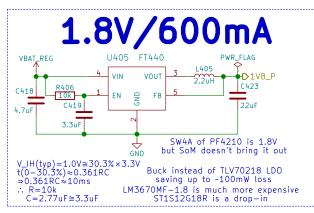
J201 USB\_C\_Receptacle

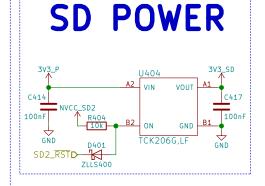










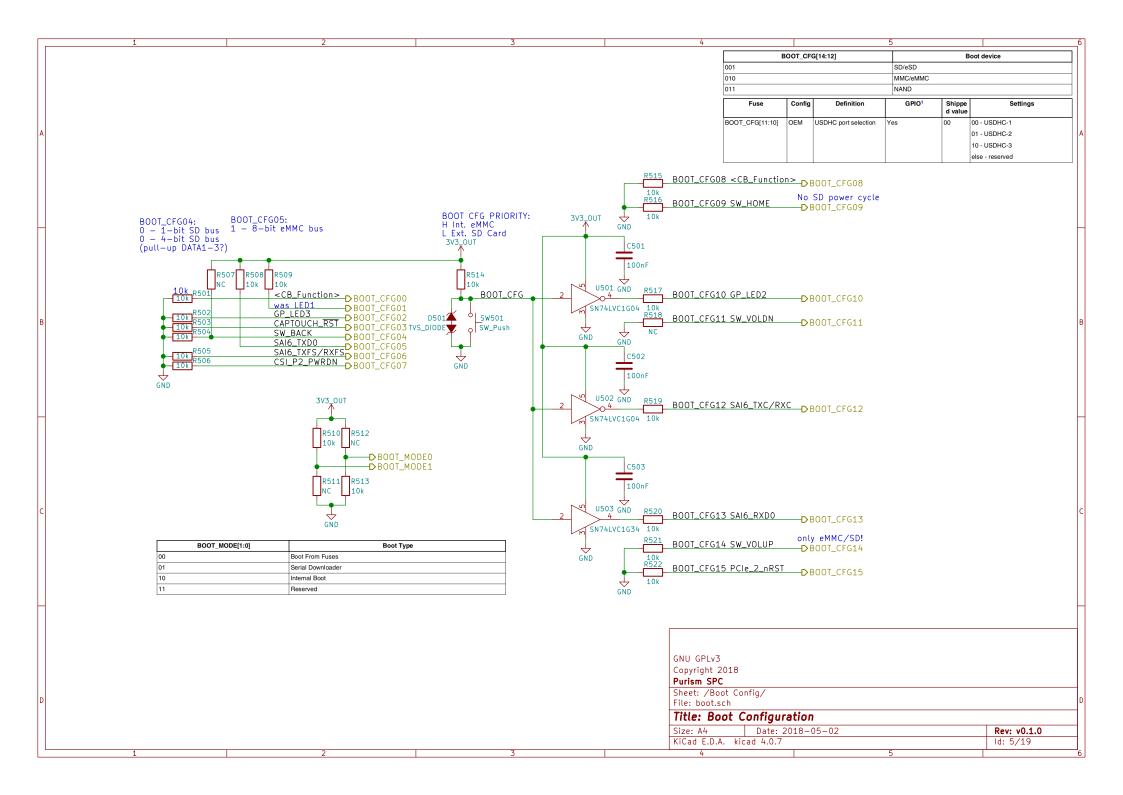


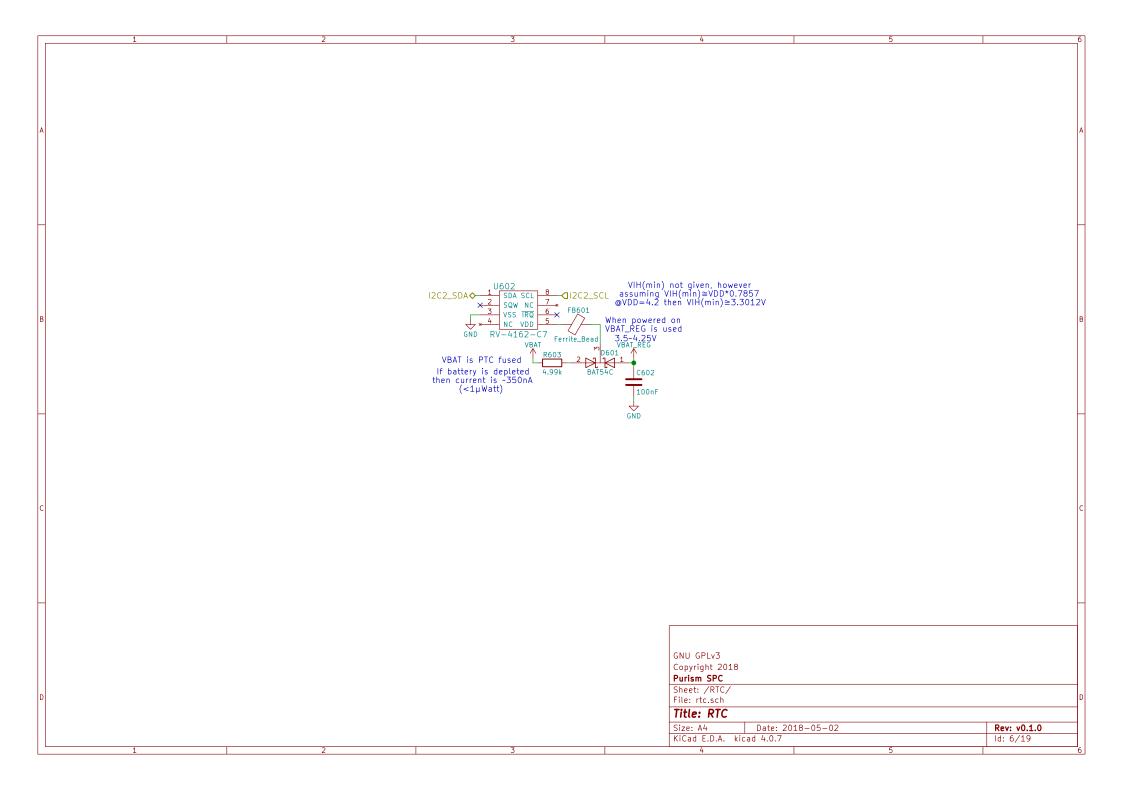
TODO: add parallel 100nF bulk caps! & spread all over the power plane

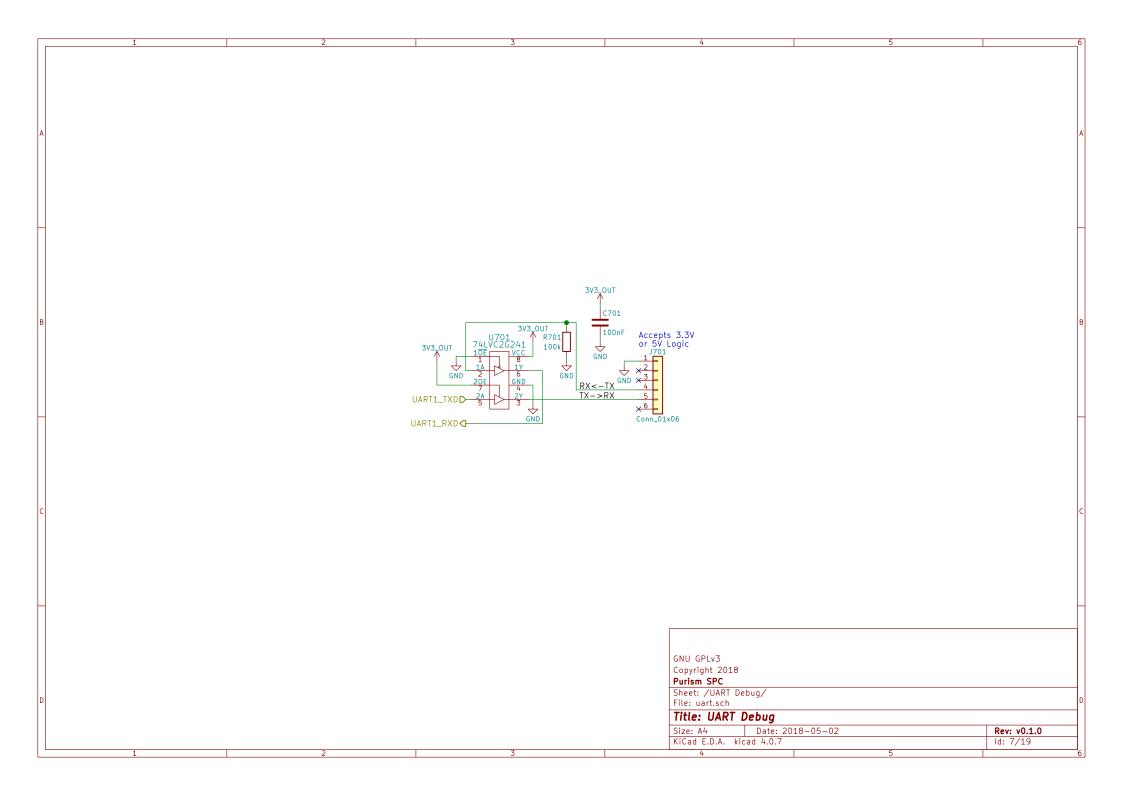
KiCad E.D.A. kicad 4.0.7

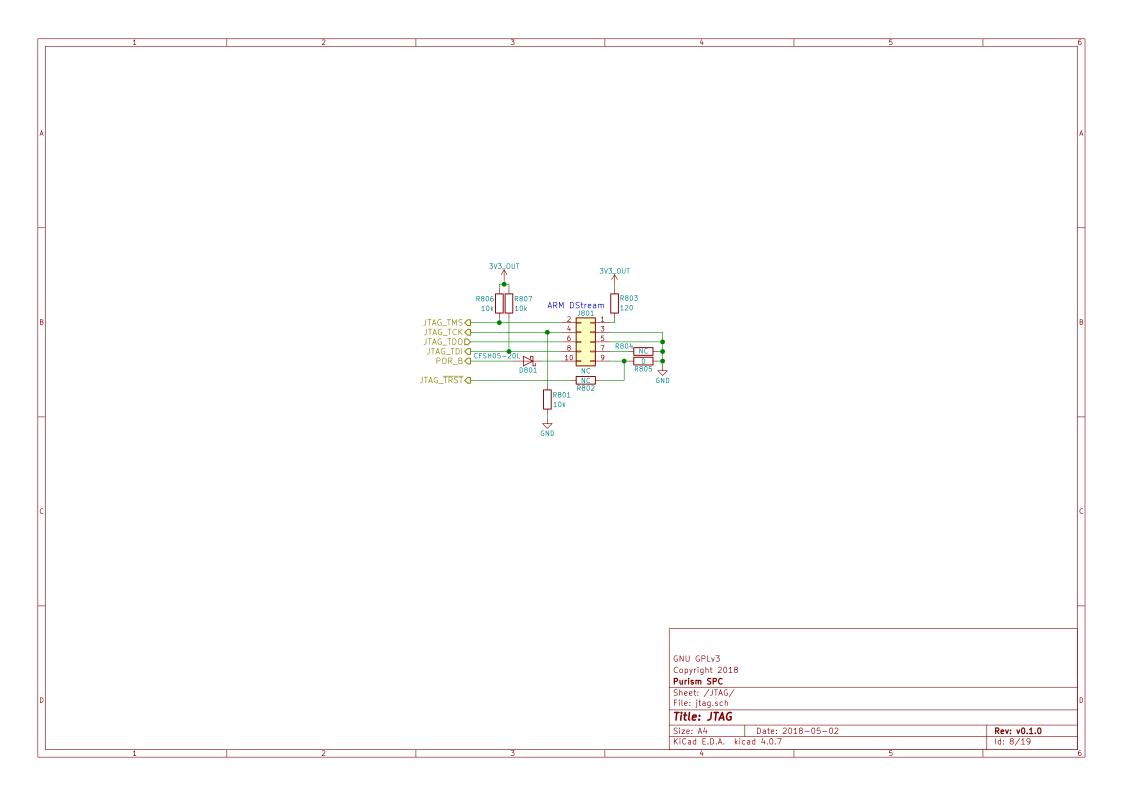
GNU GPLv3 Copyright 2018					
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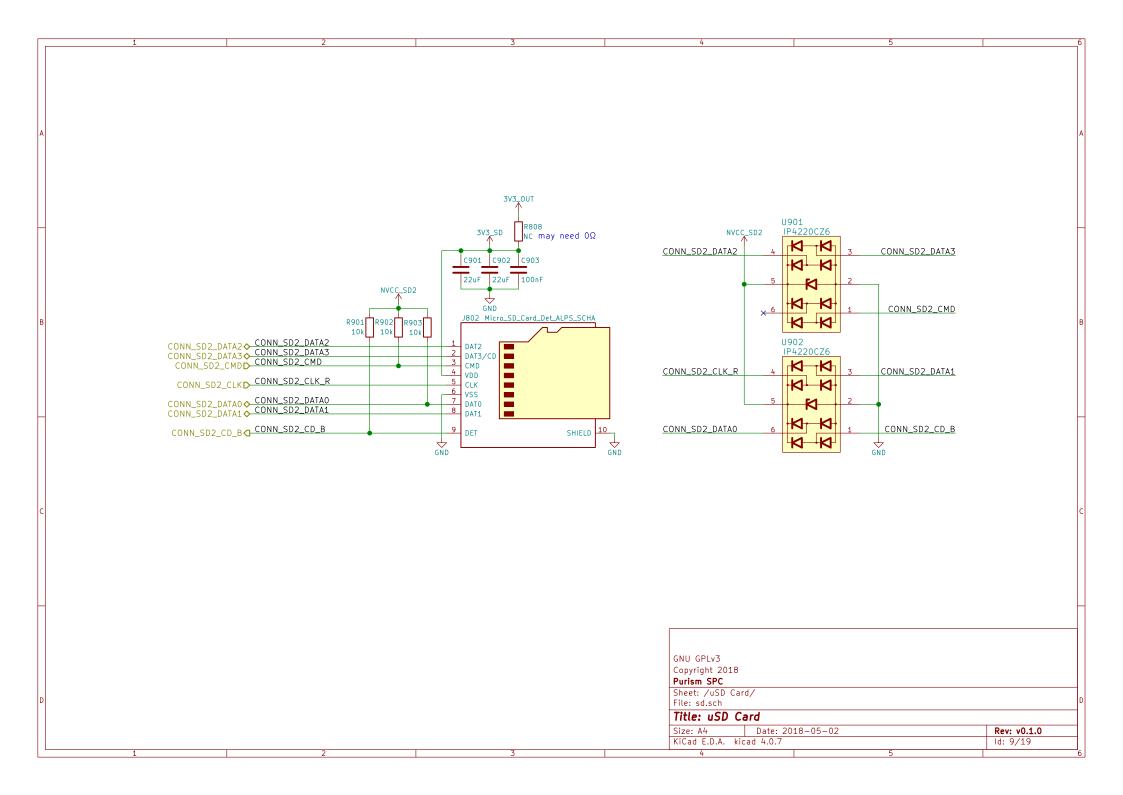
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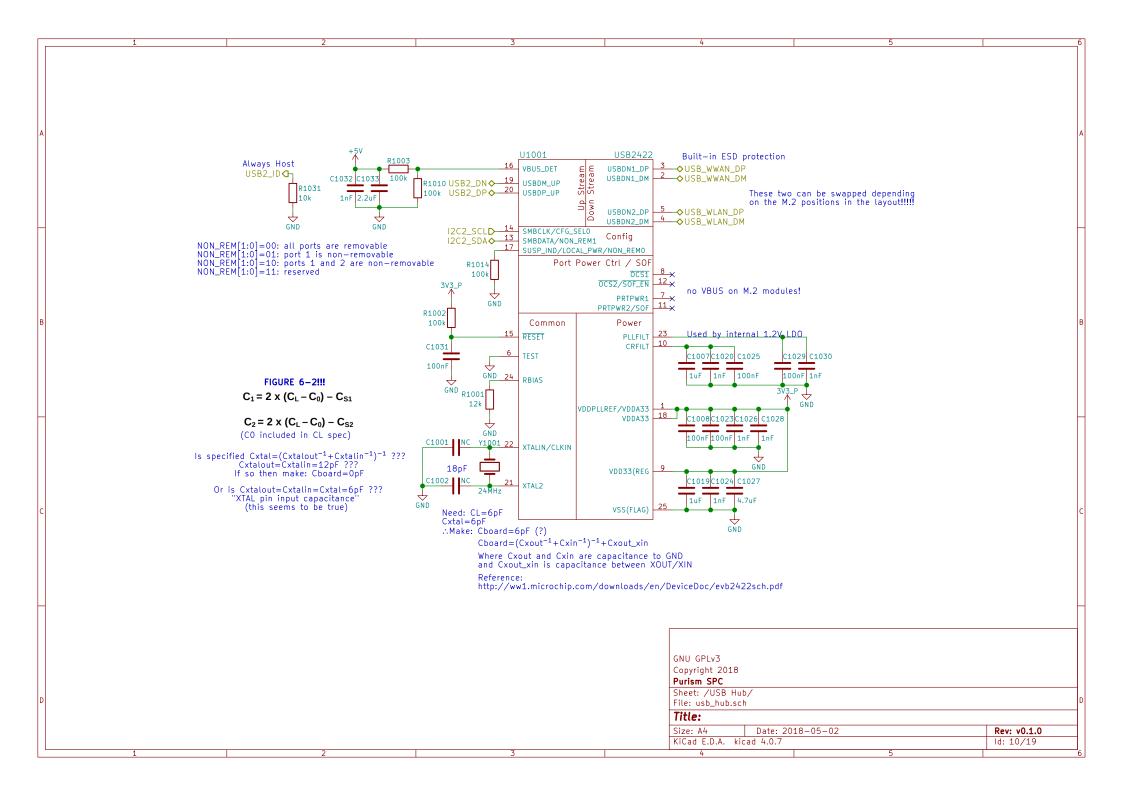


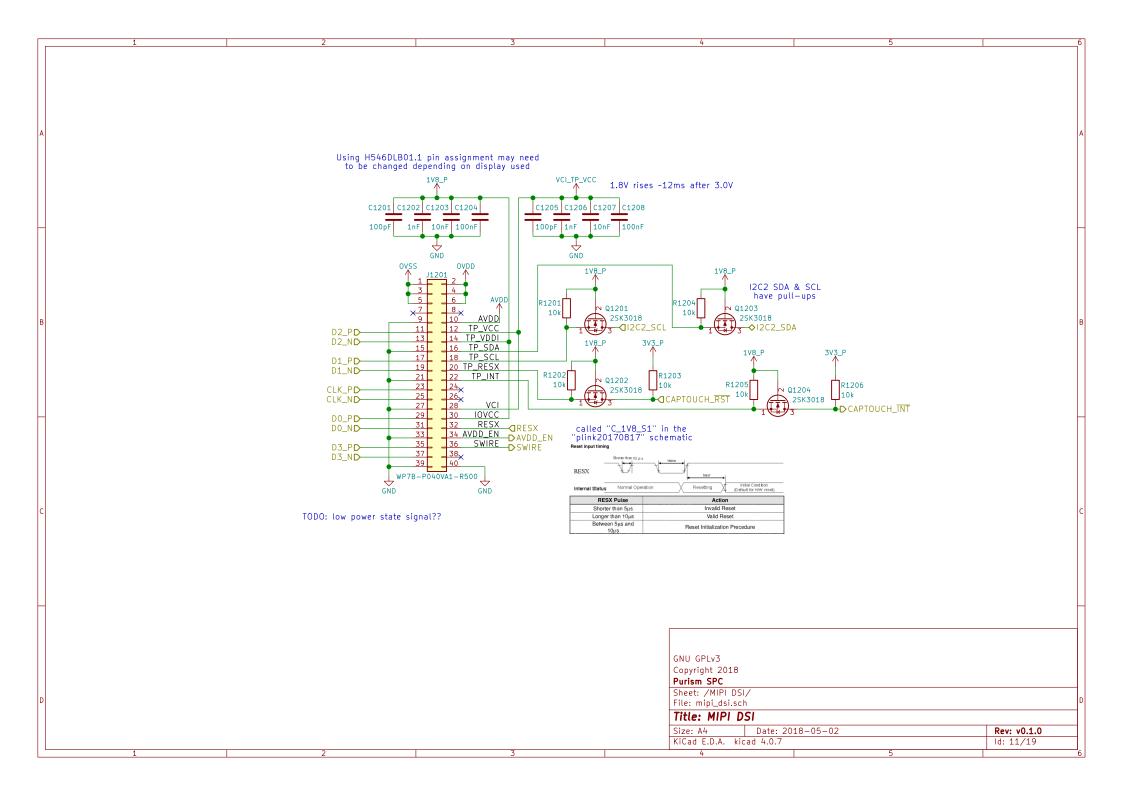


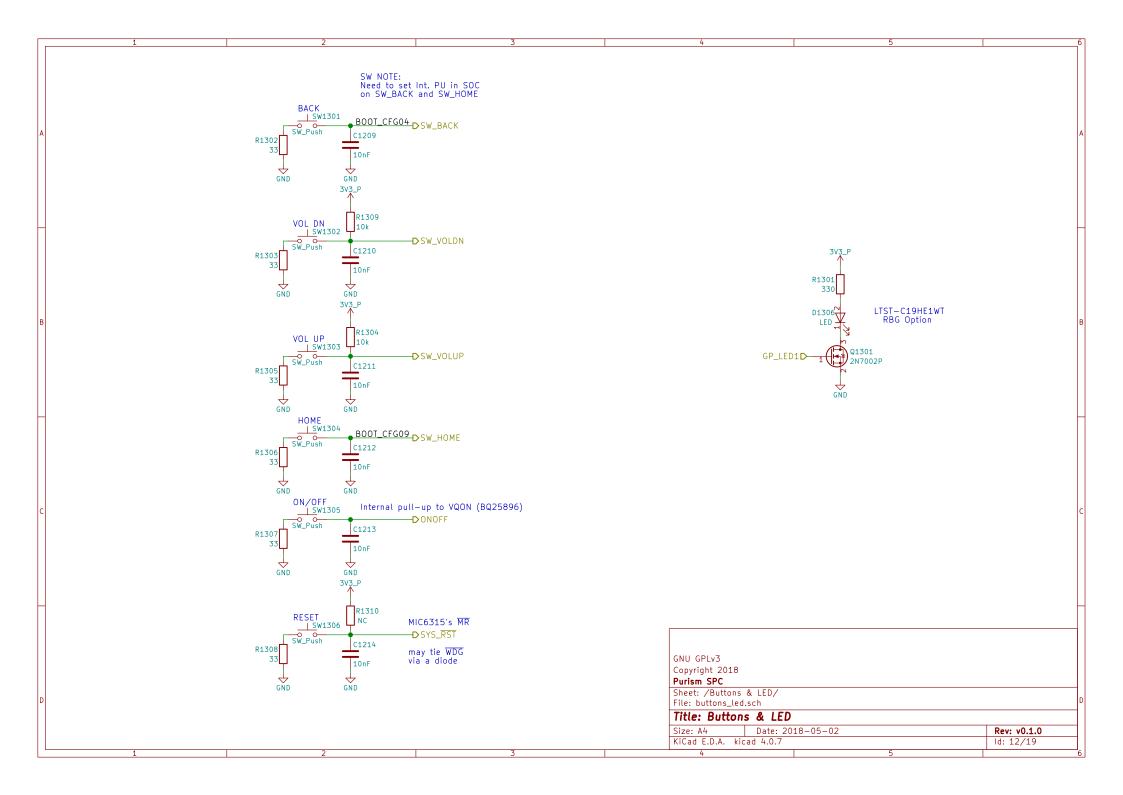


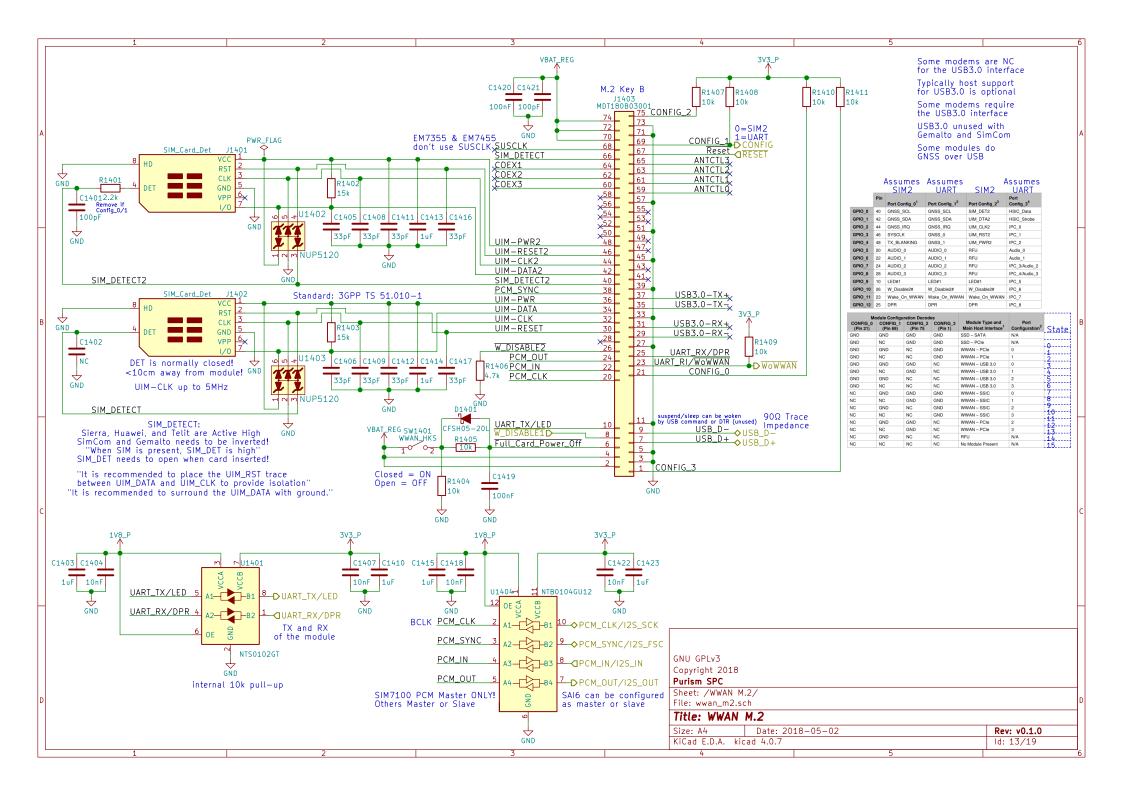


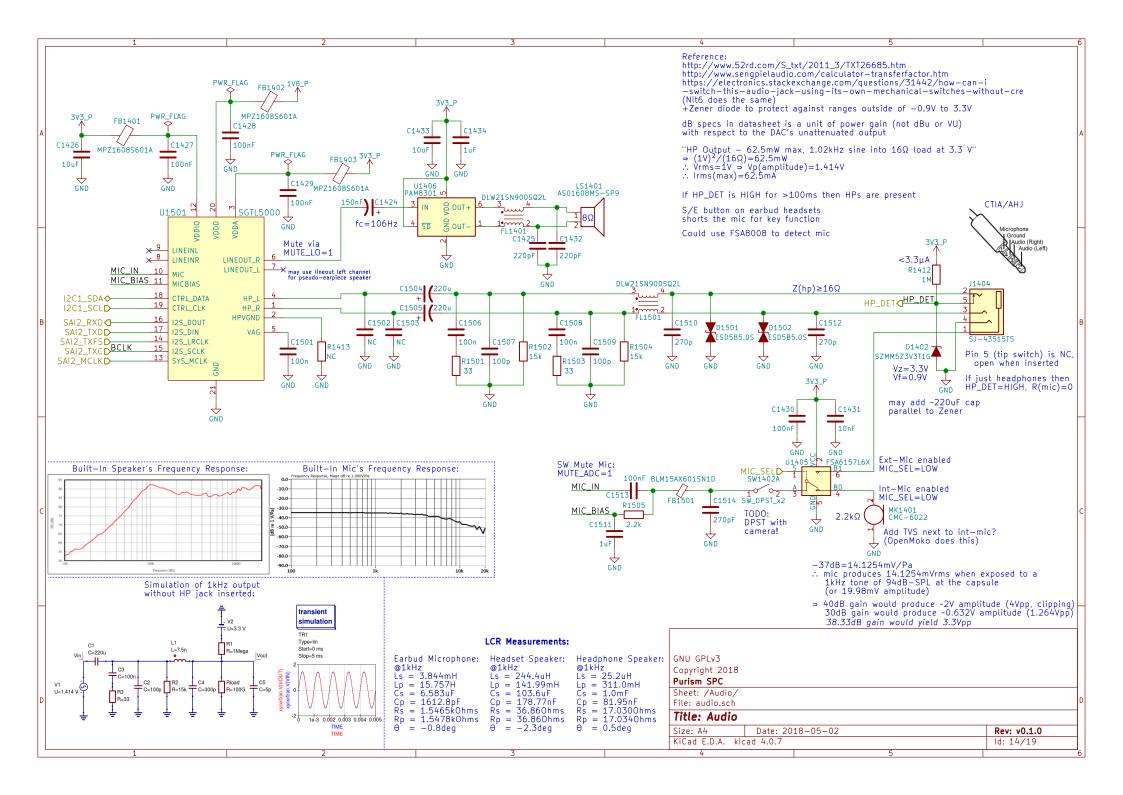


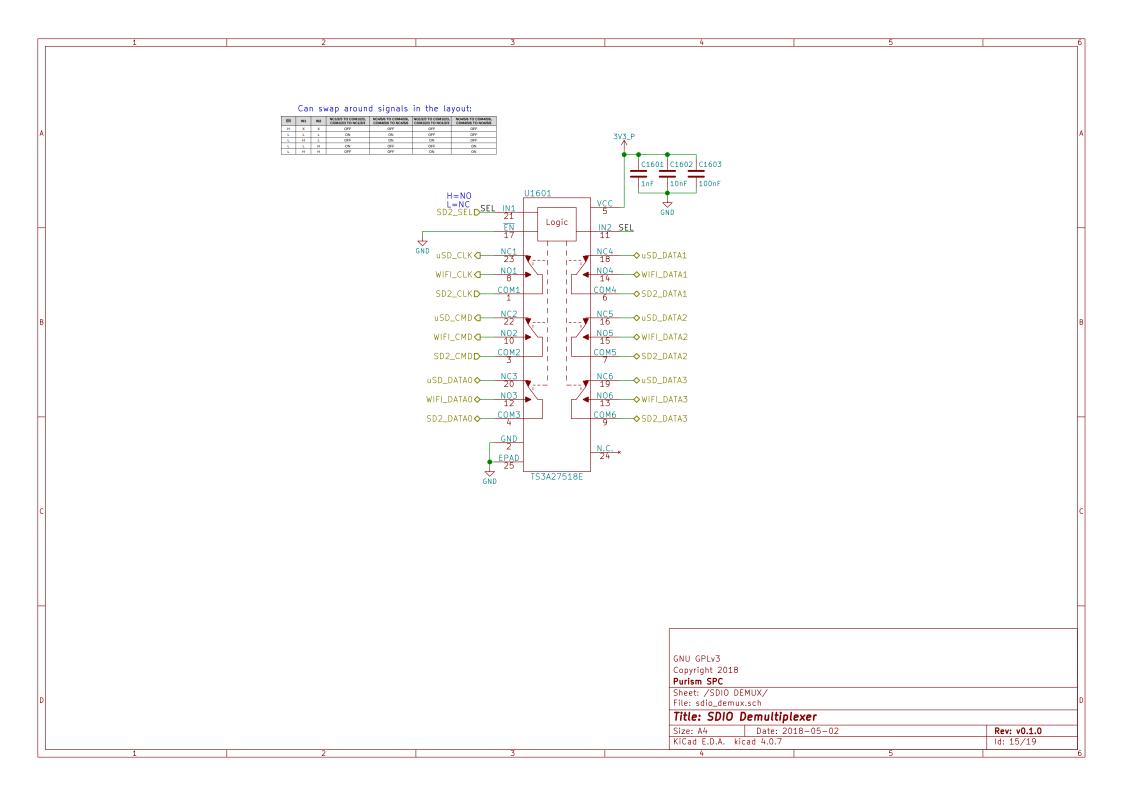


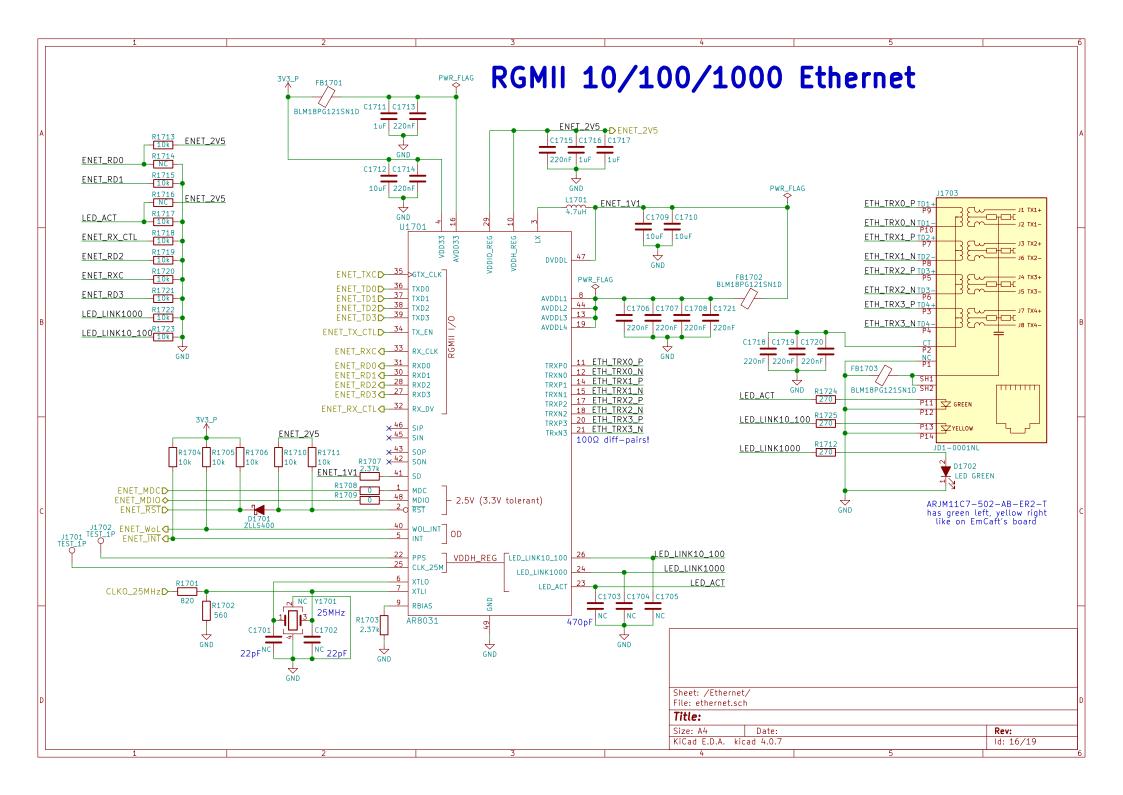


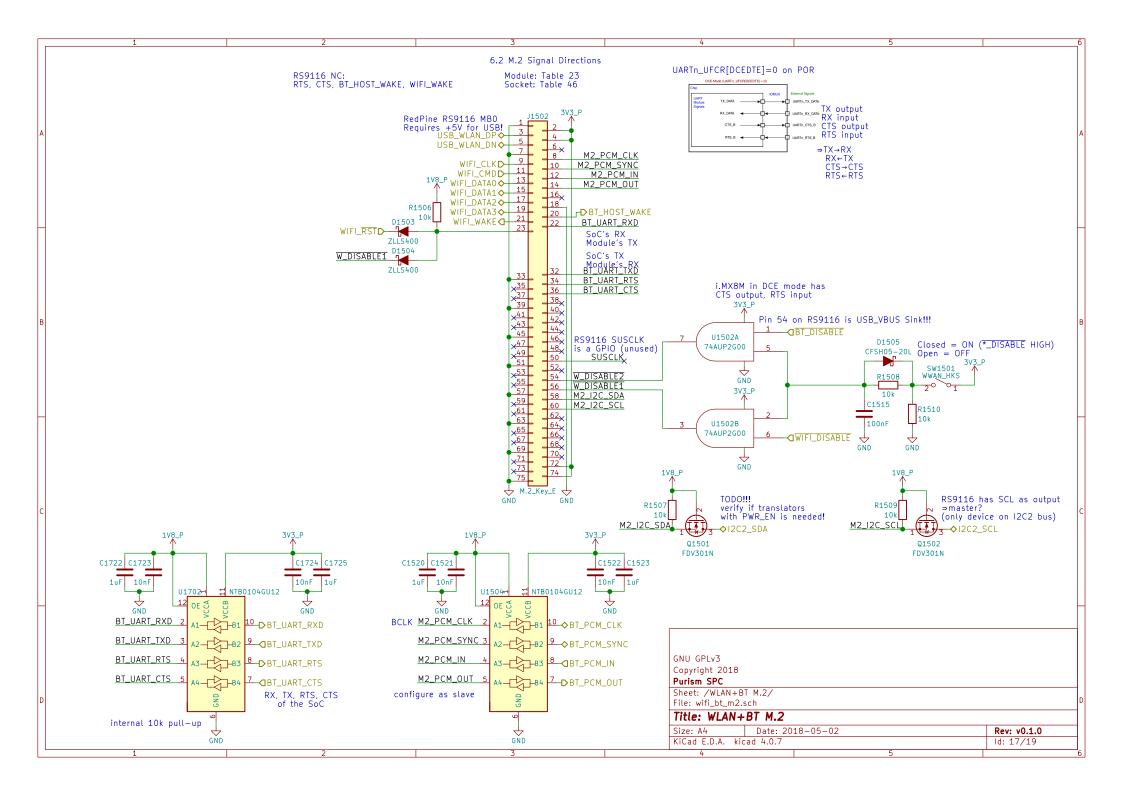


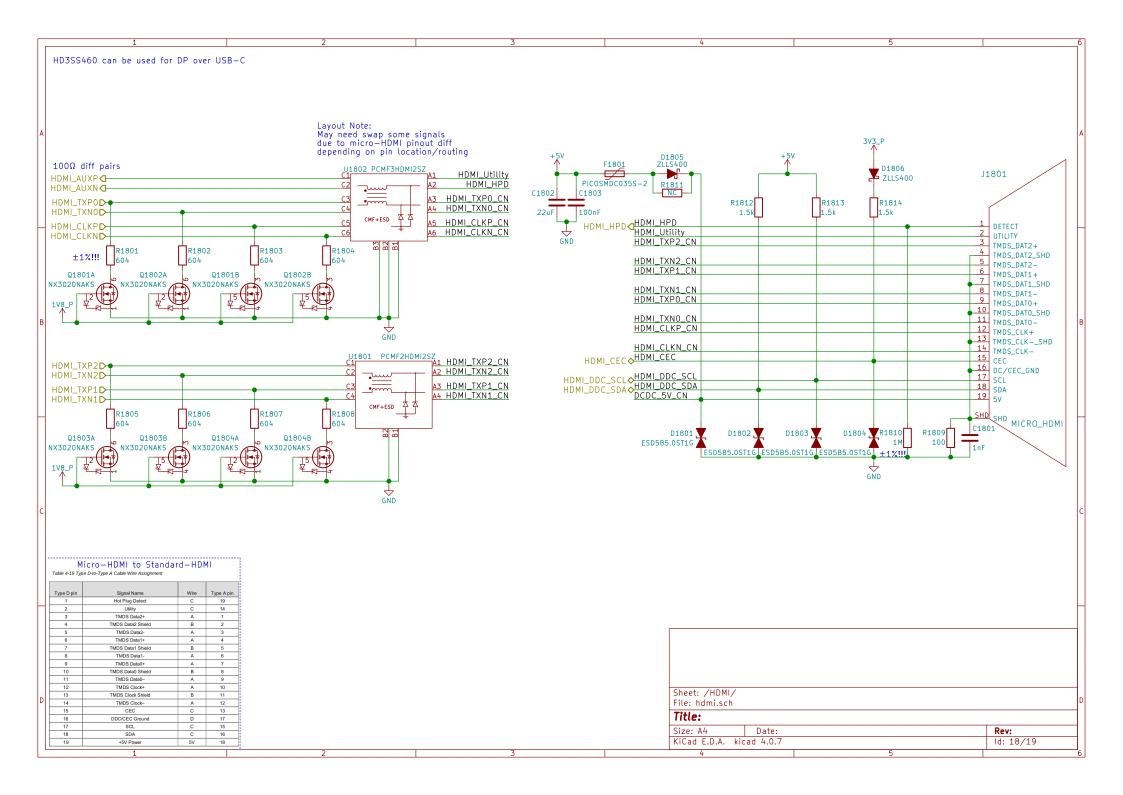




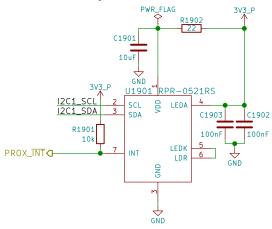




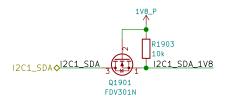




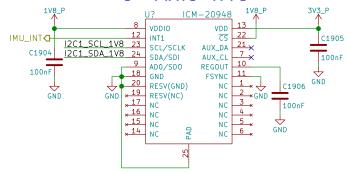




Reference: http://www.rohm.com/web/global/sensor-shield-support/ps-als-sensor



## 9-Axis IMU



Reference

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"

I2C's VIH=1.8V

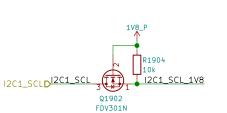




Figure 12. Orientation of Axes of Sensitivity and Polarity of Rotation



Figure 13. Orientation of Axes of Sensitivity for Magnetometr

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Title:						
Size: A4	Date:		Rev:			
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