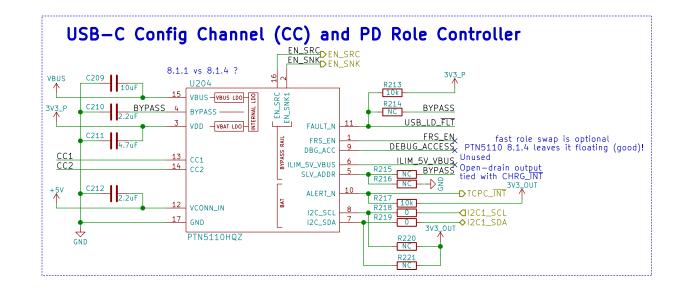
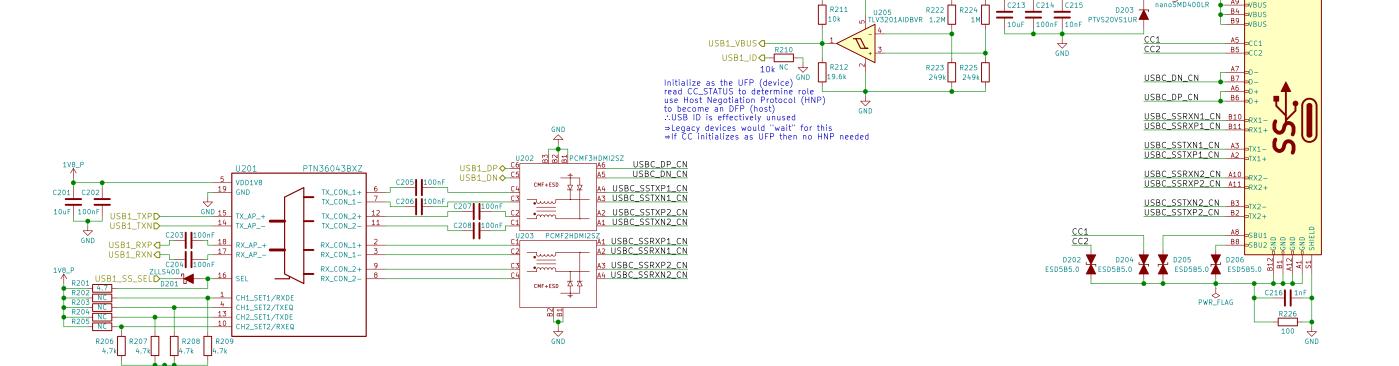


"Under dead battery operation, PTN5110 applies voltage clamps to both CC pins so that the system may receive power as a Sink. To support platforms with buck—boost configuration, PTN5110 asserts EN\_SNK1 pin based on validity of VBUS voltage (facilitates 5 V VBUS sinking)."



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

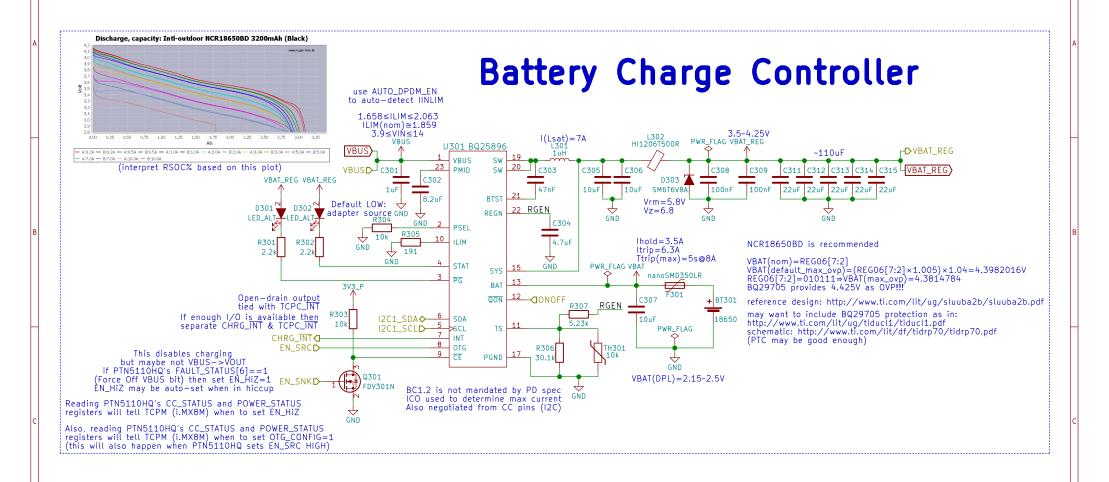


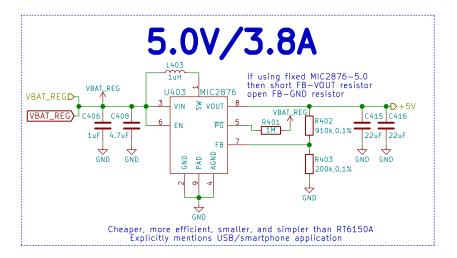
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Copyright 2018					
Purism SPC					
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Size: A3	Date: 2018-05-02	Rev: v0.1.0			
KiCad E.D.A. kicad 4.0.7		ld: 2/19			

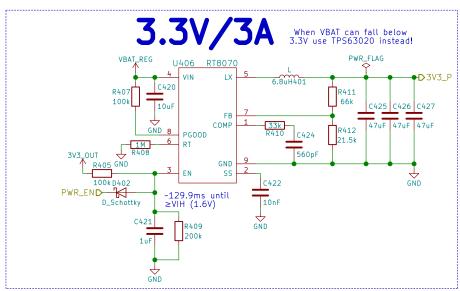
**VBUS** ◆ **D VBUS** 

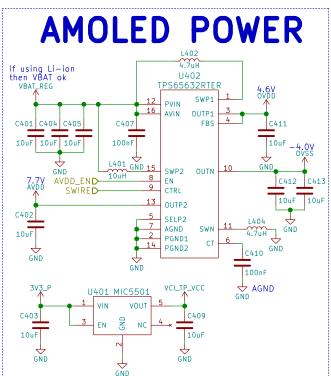
Ihold=4A Itrip=8A PWR\_FLAG F201\_ →

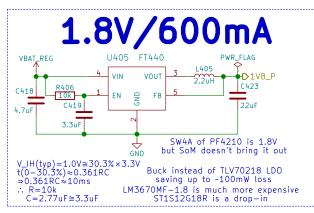
J201 USB\_C\_Receptacle

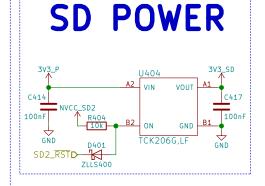










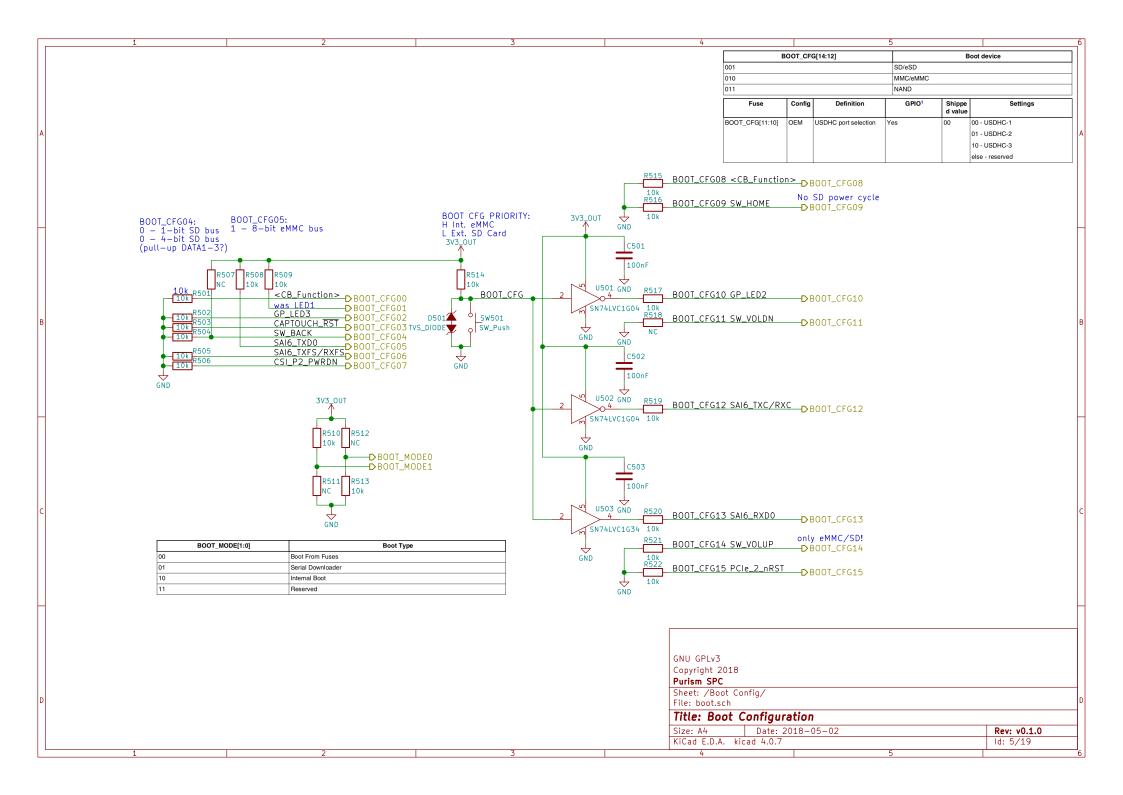


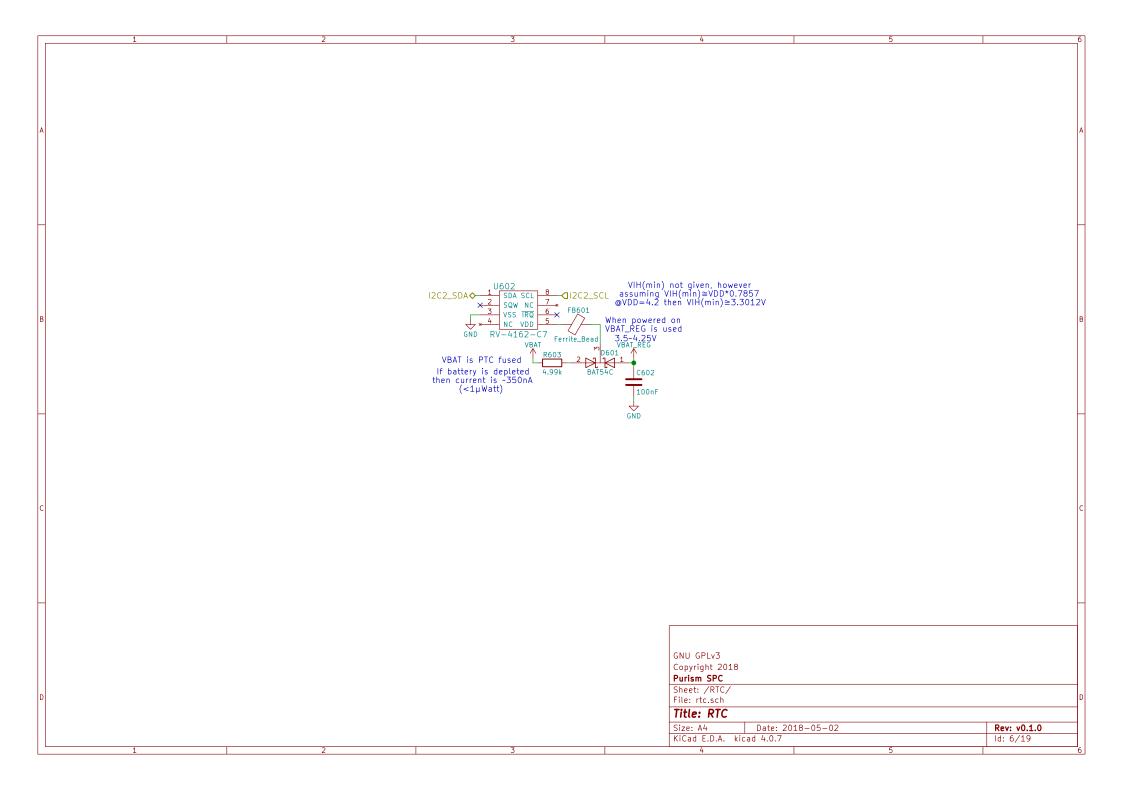
TODO: add parallel 100nF bulk caps! & spread all over the power plane

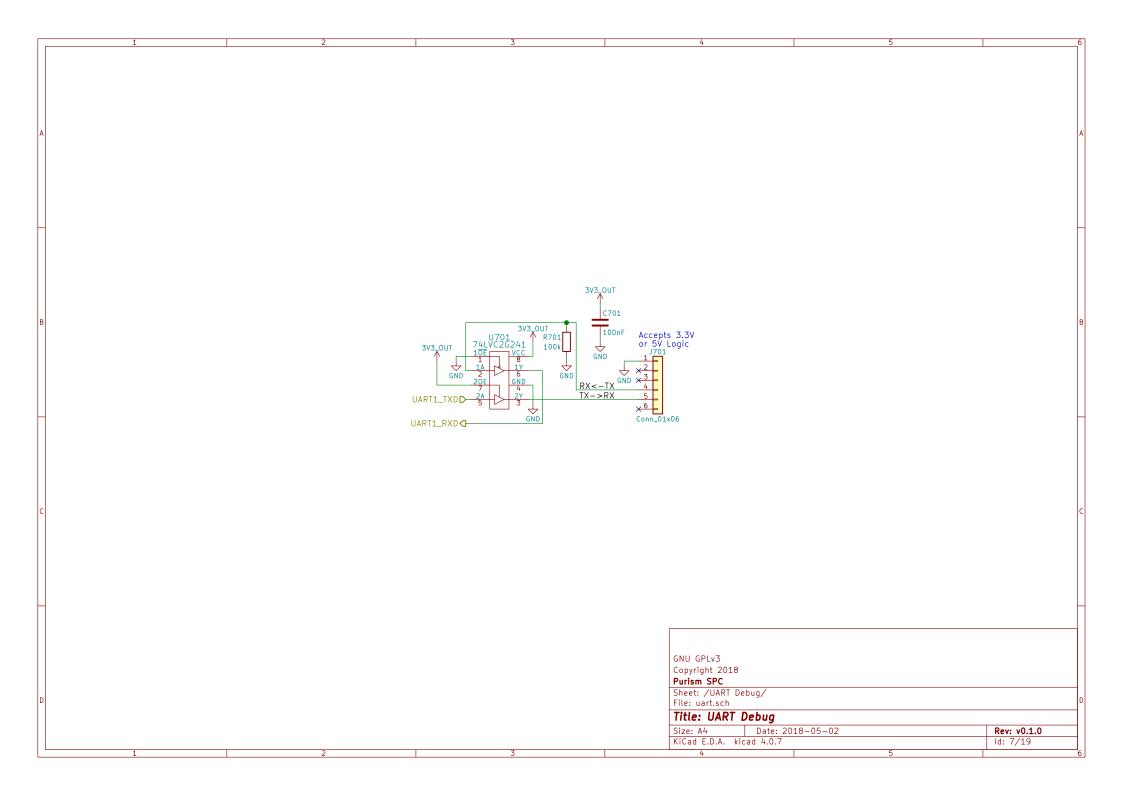
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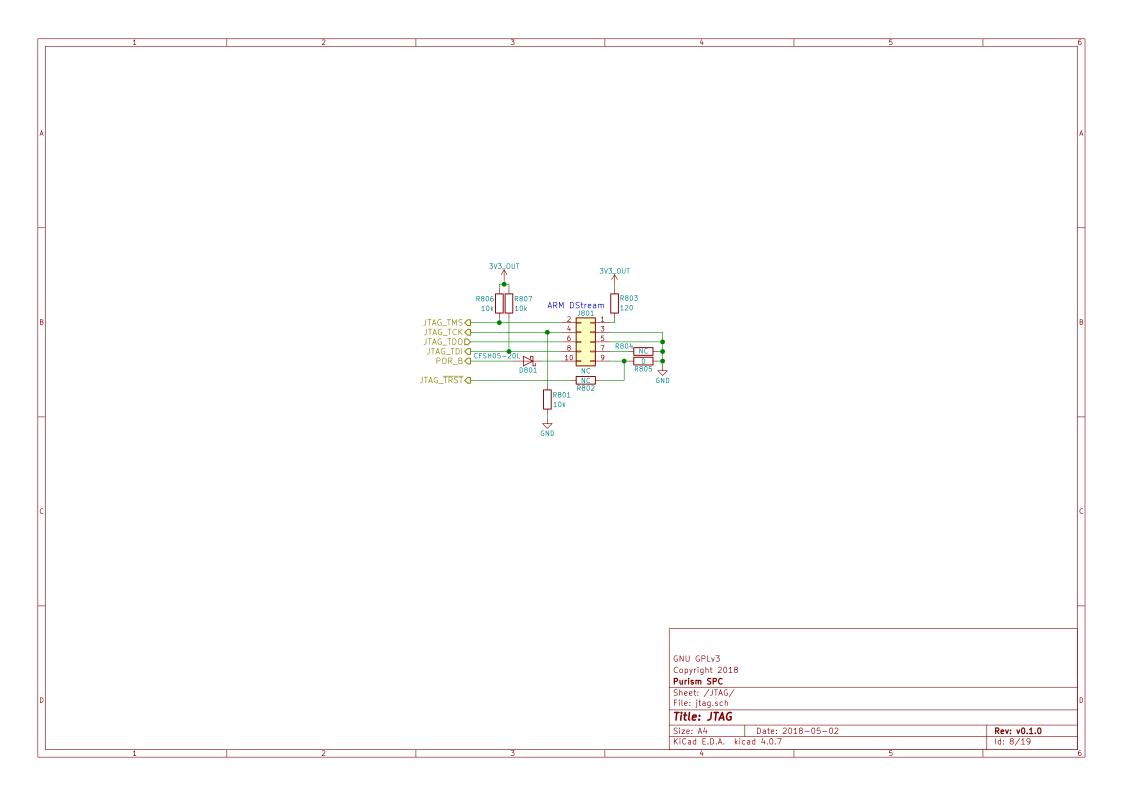
GNU GPLv3 Copyright 2018					
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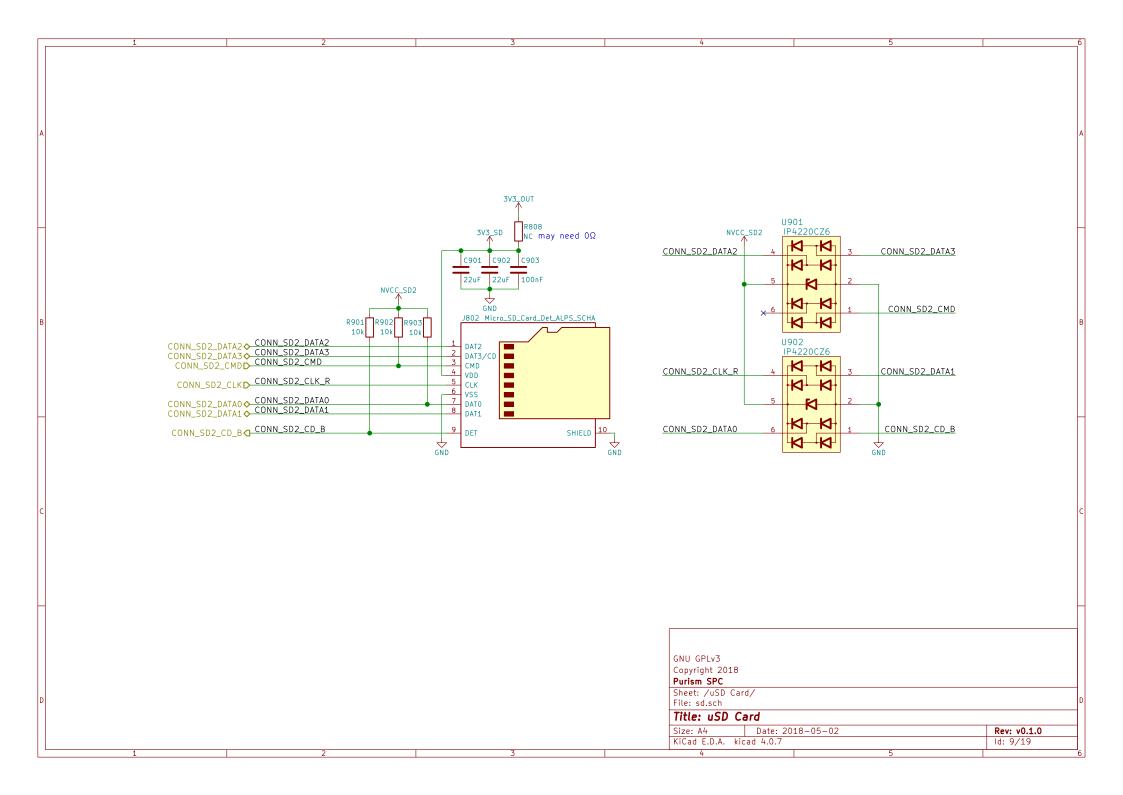
ld: 4/19

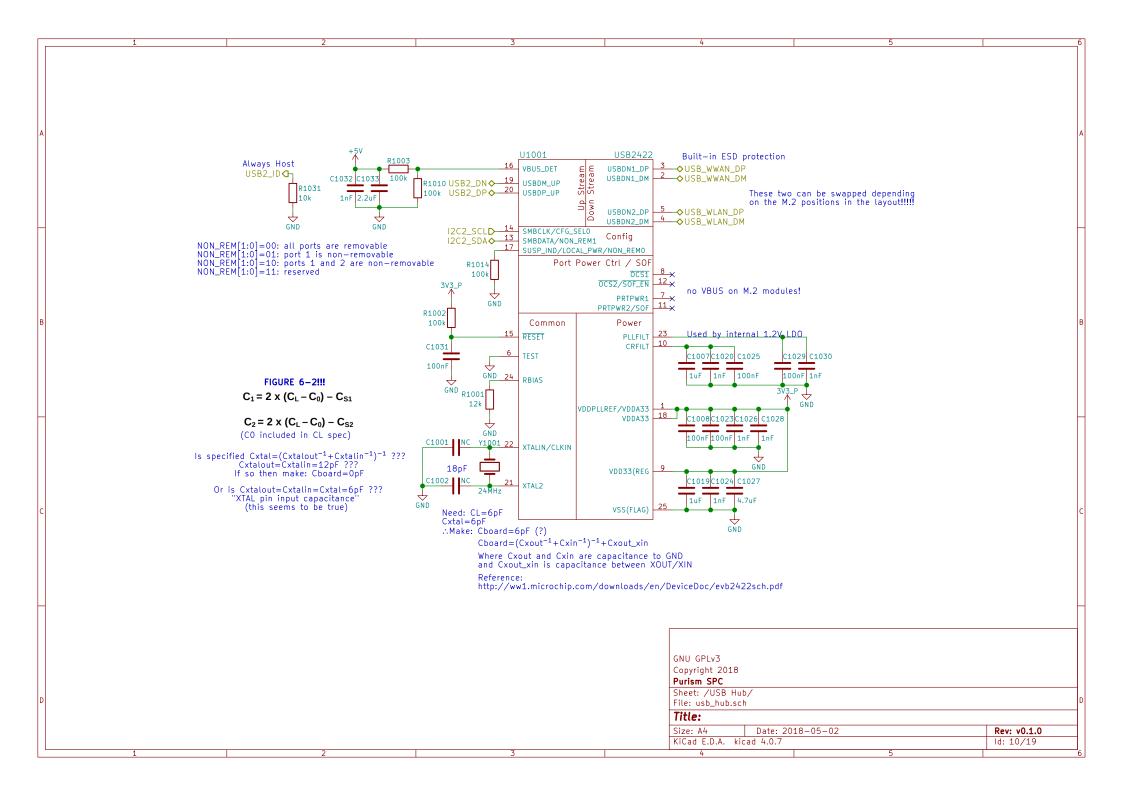


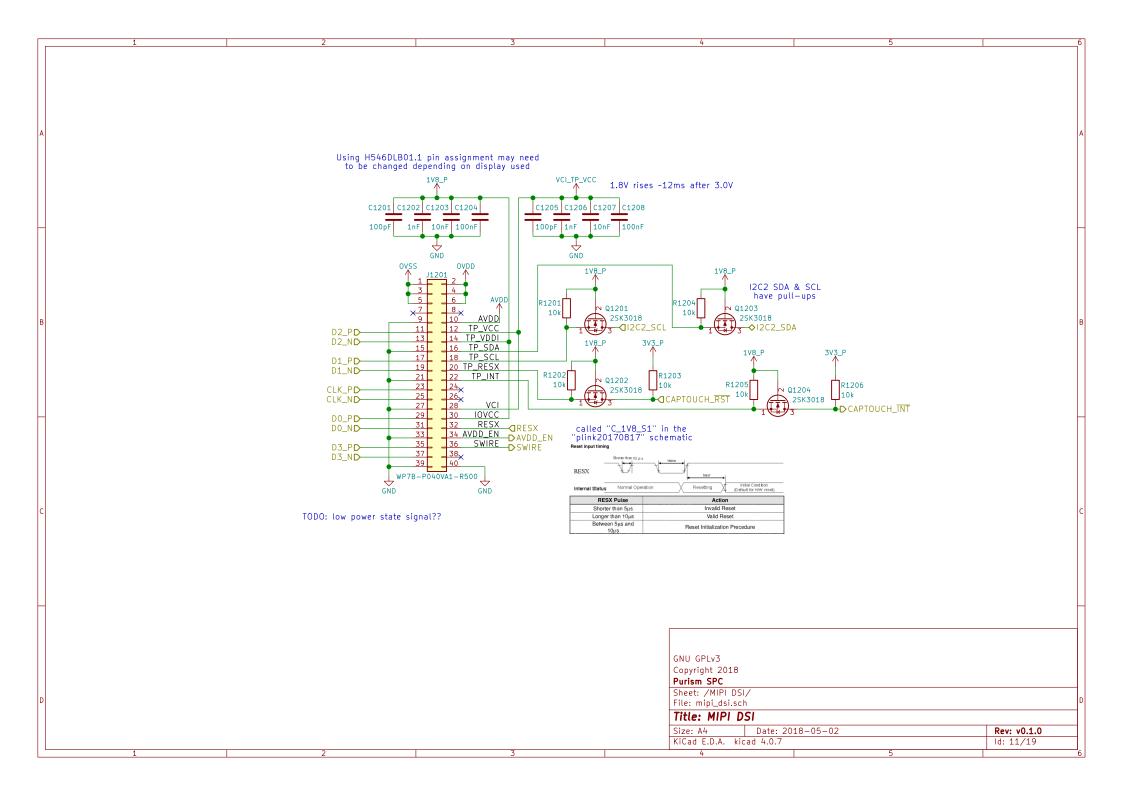


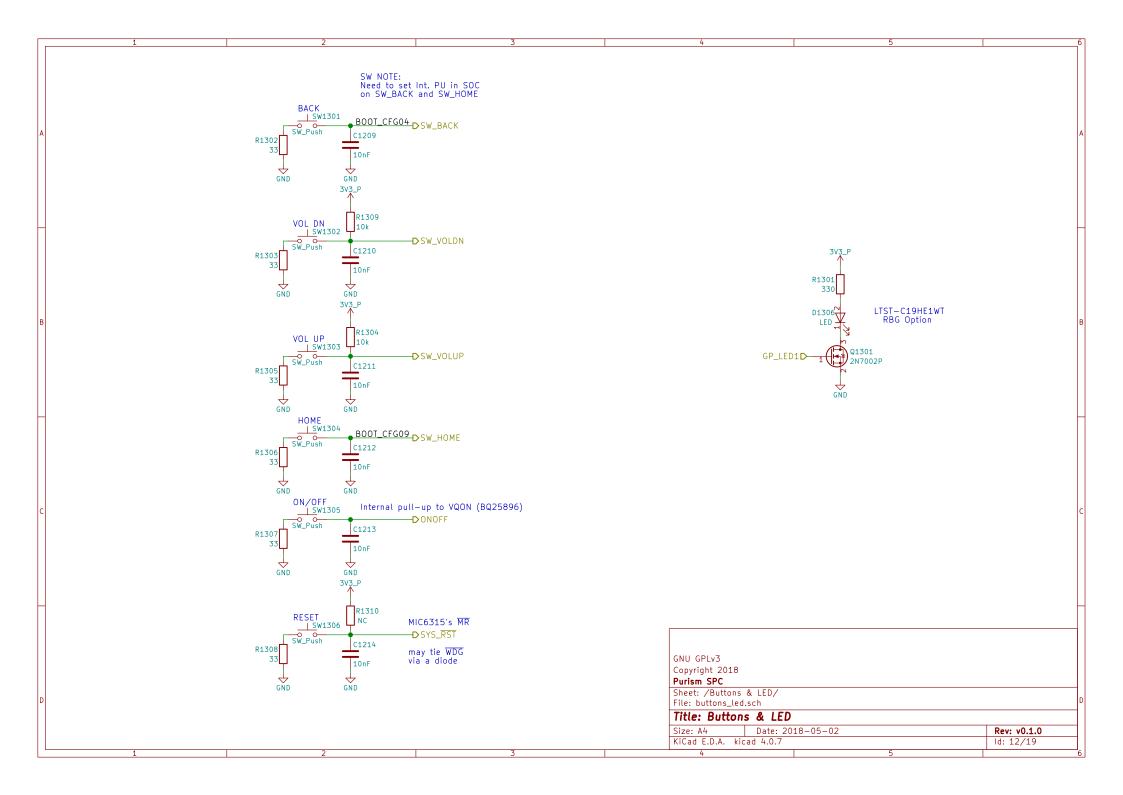


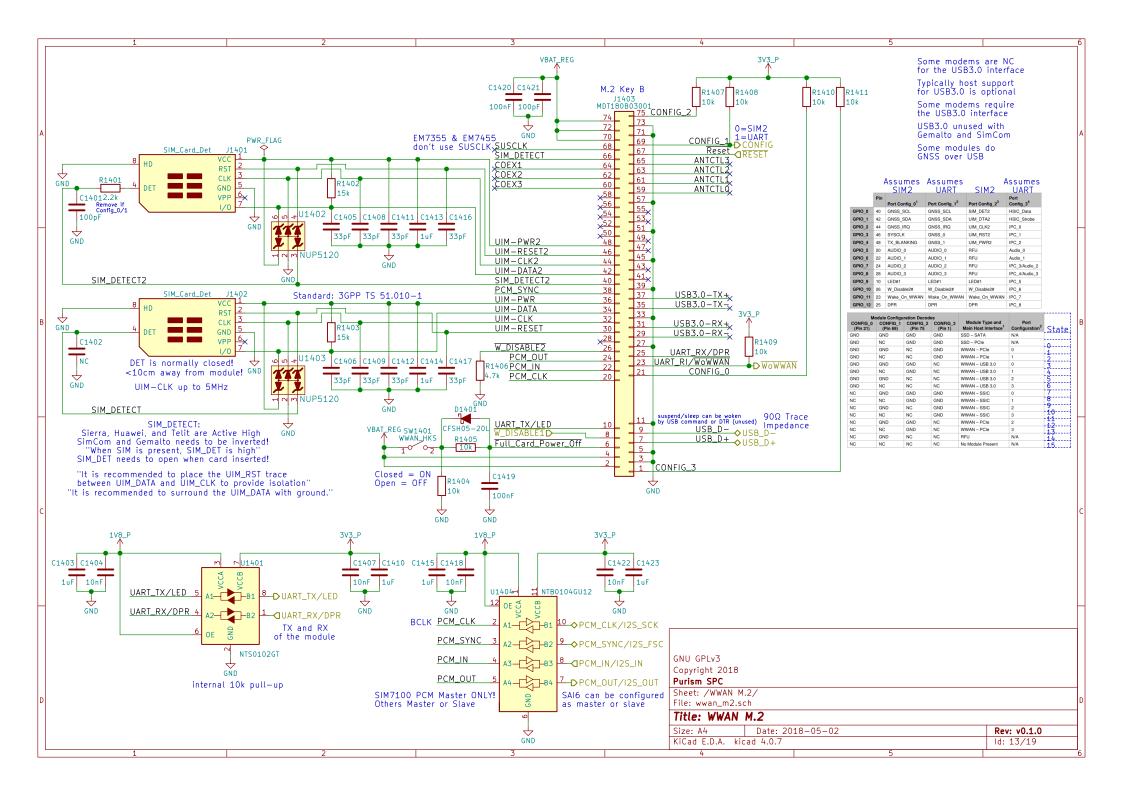


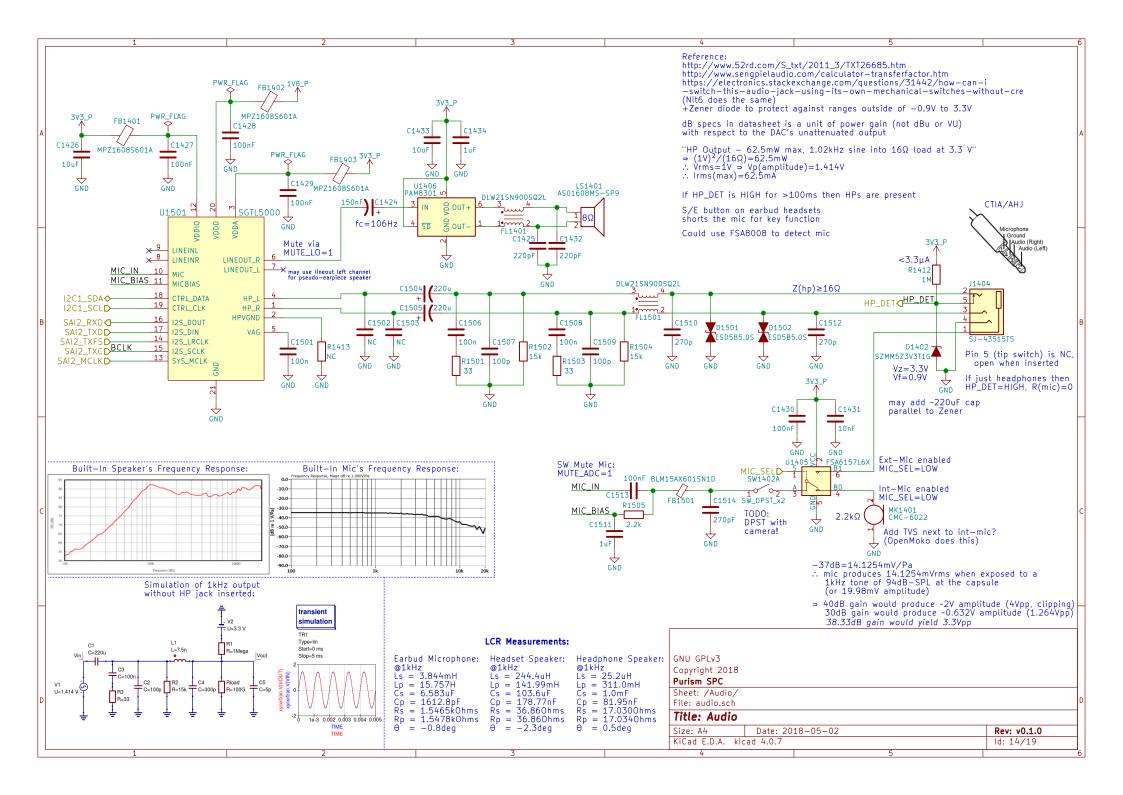


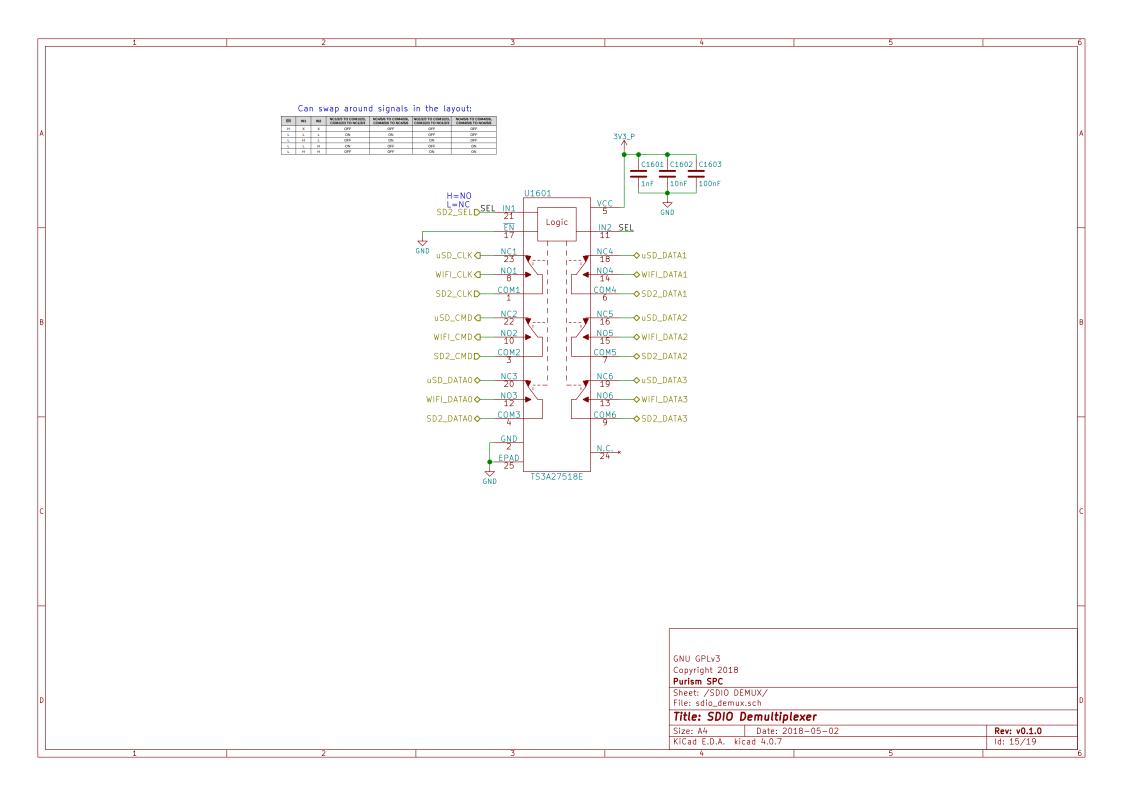


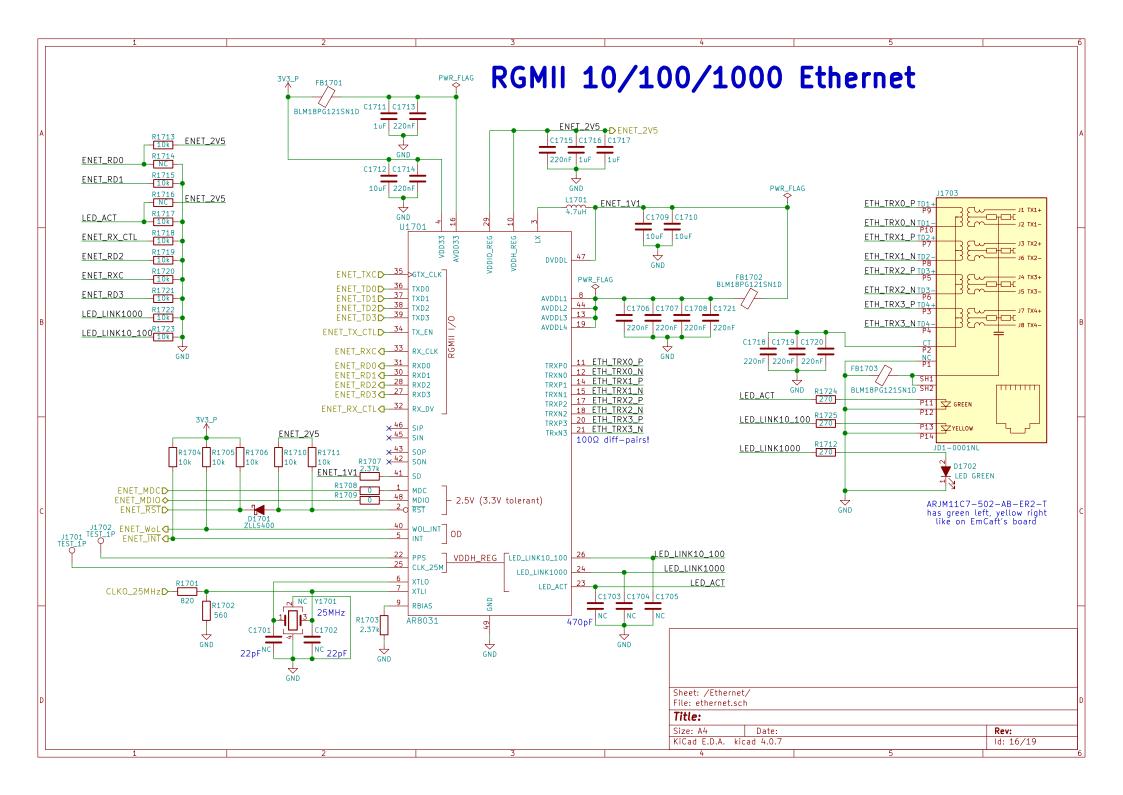


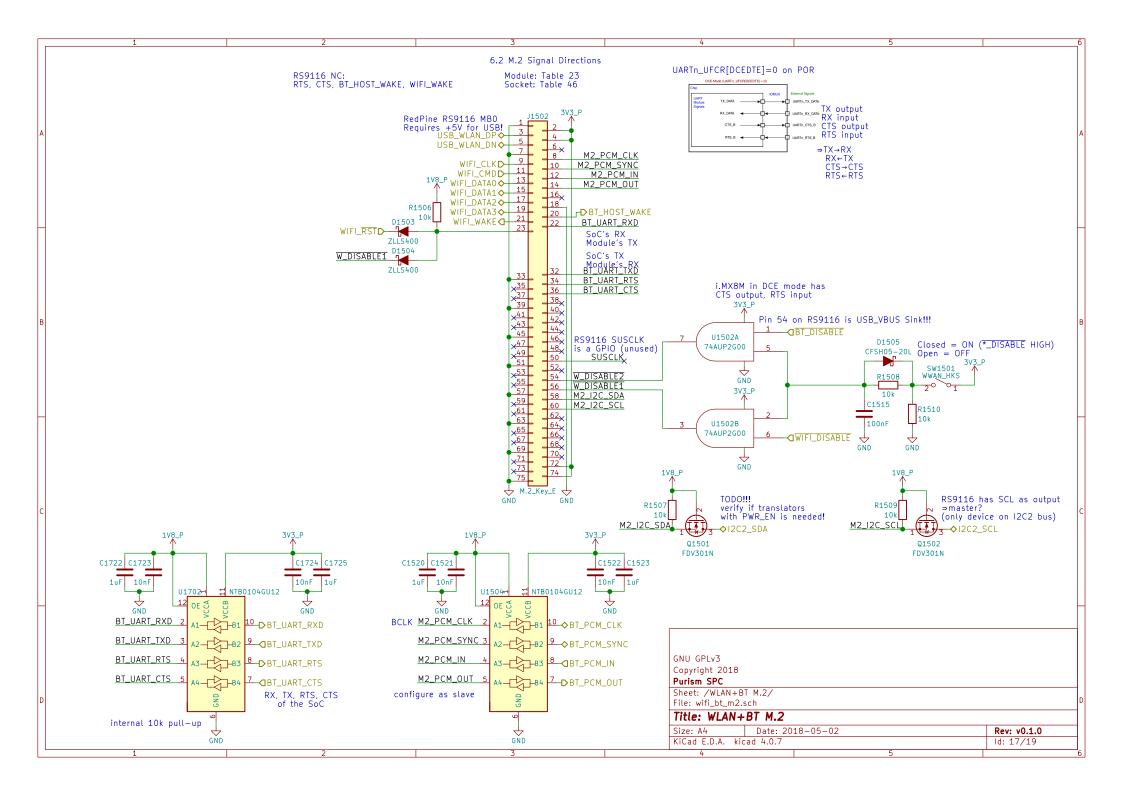


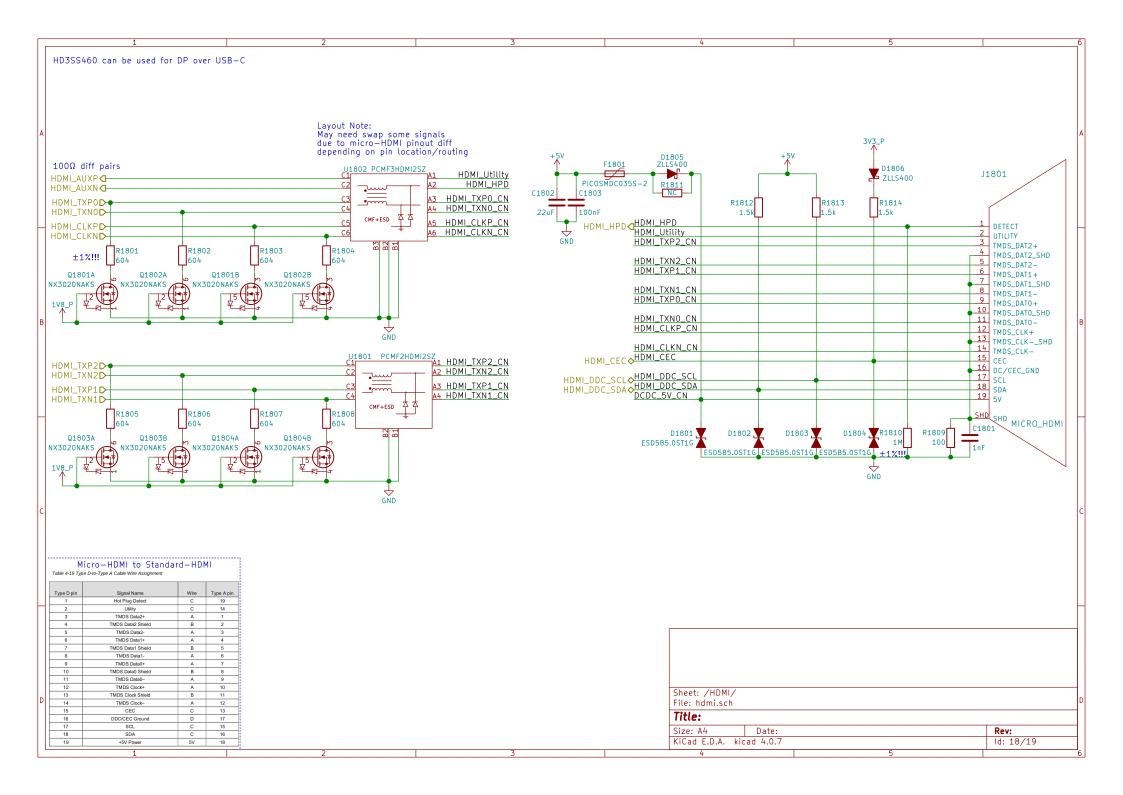




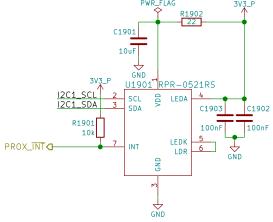




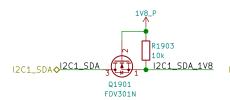








http://www.rohm.com/web/global/sensor-shield-support/ps-als-sensor



## 9-Axis IMU



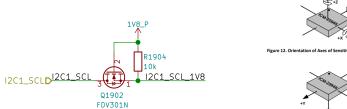
Reference: https://store.invensense.com/datasheets/invensense/AN-IVS-0001EVB-00%20v1%202.pdf

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"

12C's VIH=1.8V







Sheet: /Sensors/ File: sensors.sch						
Title:						
Size: A4	Date:		Rev:			
KiCad E.D.A. kicad 4.0.7			ld: 19/19			