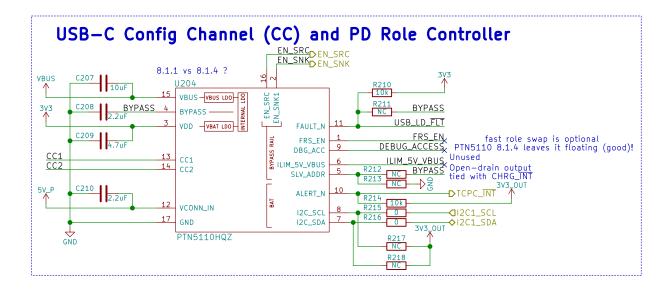
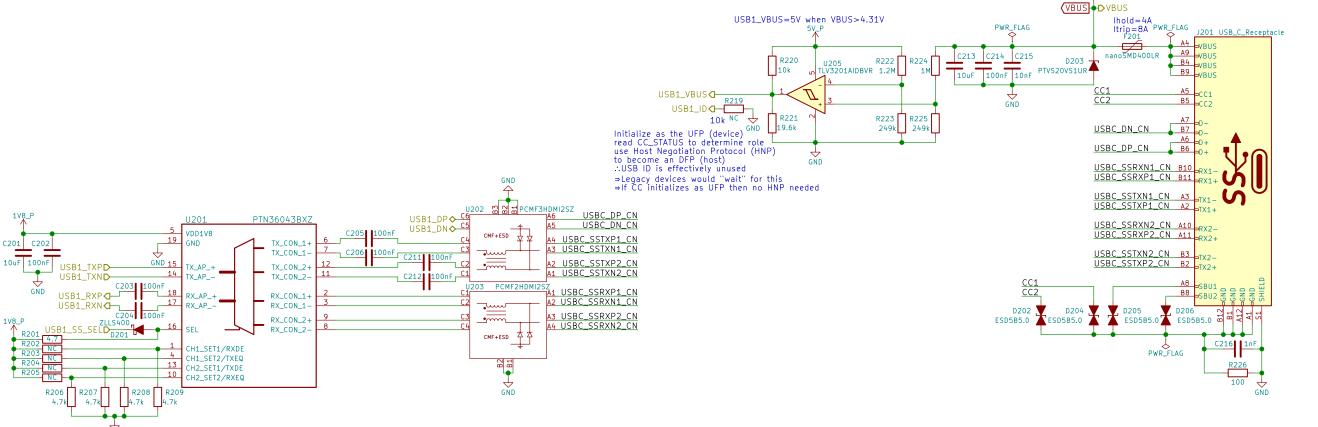
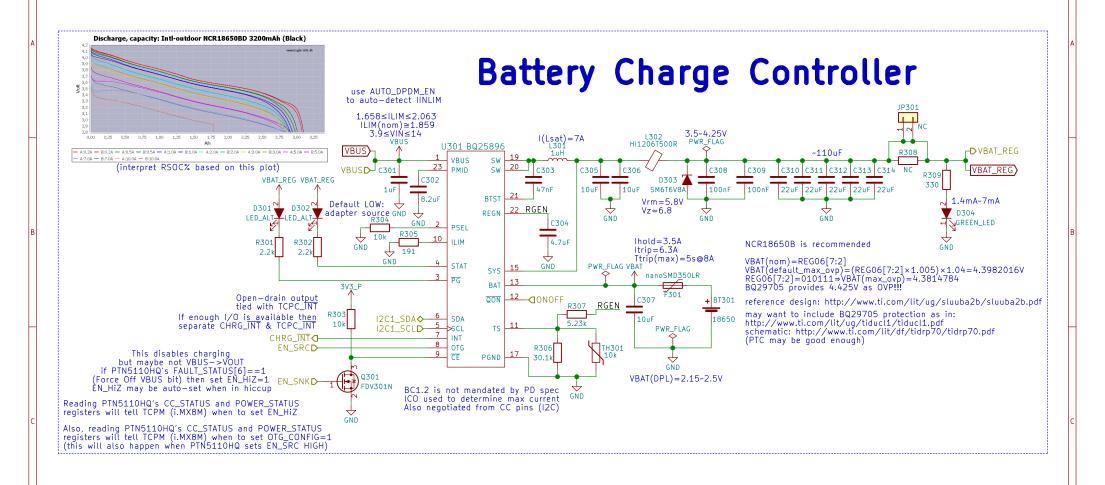


"Under dead battery operation, PTN5110 applies voltage clamps to both CC pins so that the system may receive power as a Sink. To support platforms with buck—boost configuration, PTN5110 asserts EN\_SNK1 pin based on validity of VBUS voltage (facilitates 5 V VBUS sinking)."



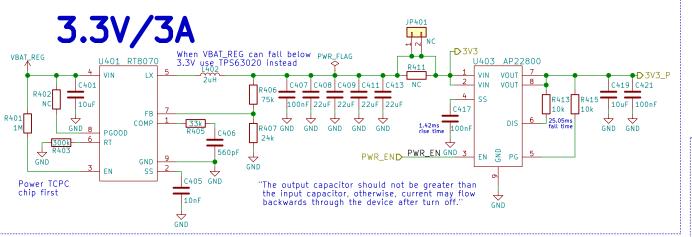


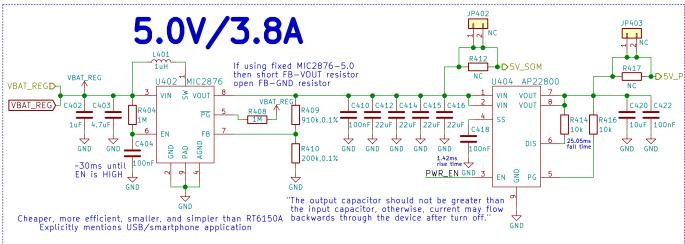
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Copyright 2018		
Purism SPC		
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KiCad E.D.A. kid	cad 4.0.7	ld: 2/20
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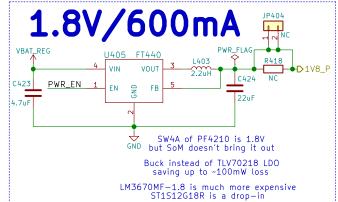


GNU GPLv3
Copyright 2018
Purism SPC
Sheet: /Battery/
File: battery.sch

Title: Battery
Size: A4 Date: 2018-05-18 Rev: v0.1.0
KiCad E.D.A. kicad 4.0.7 Id: 3/20







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

> GNU GPLv3 Copyright 2018

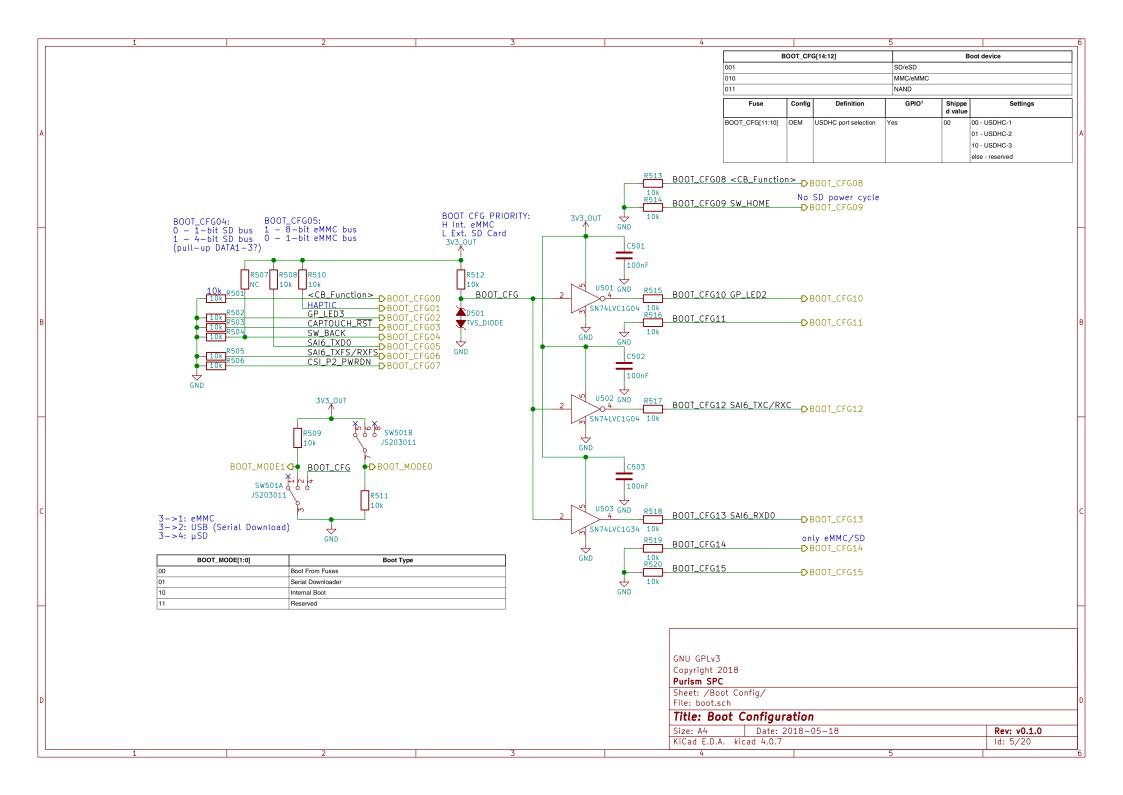
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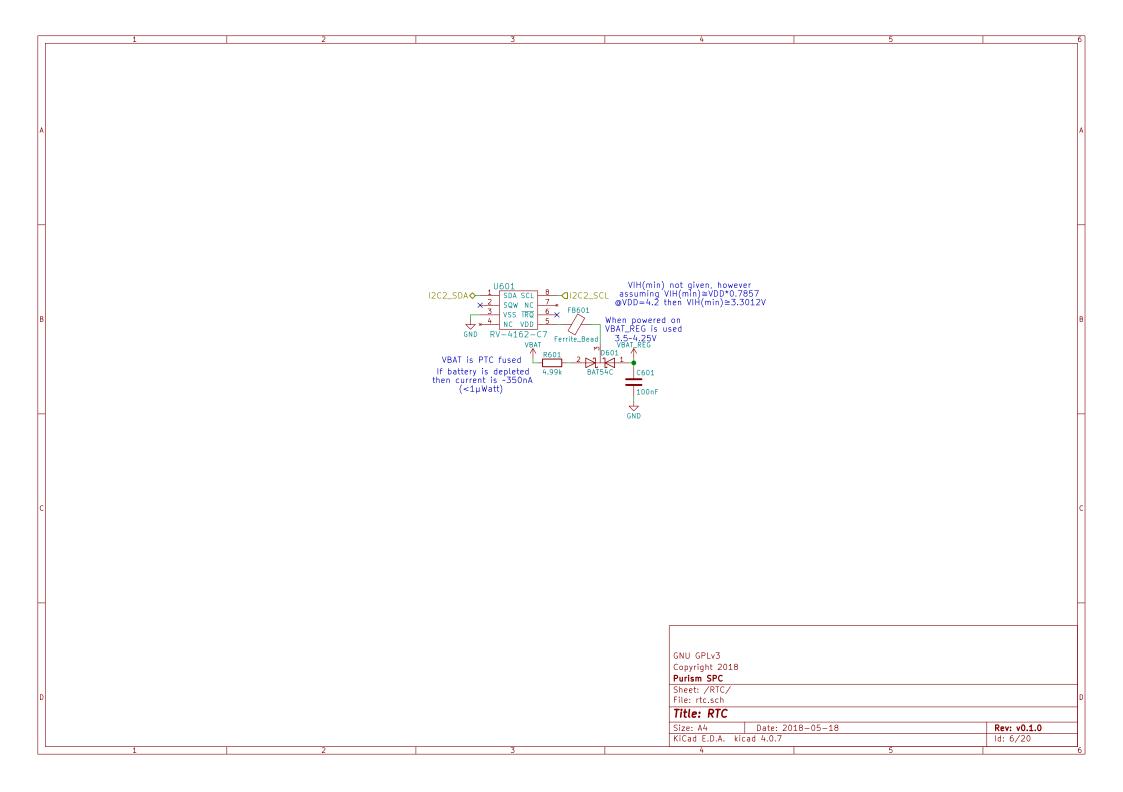
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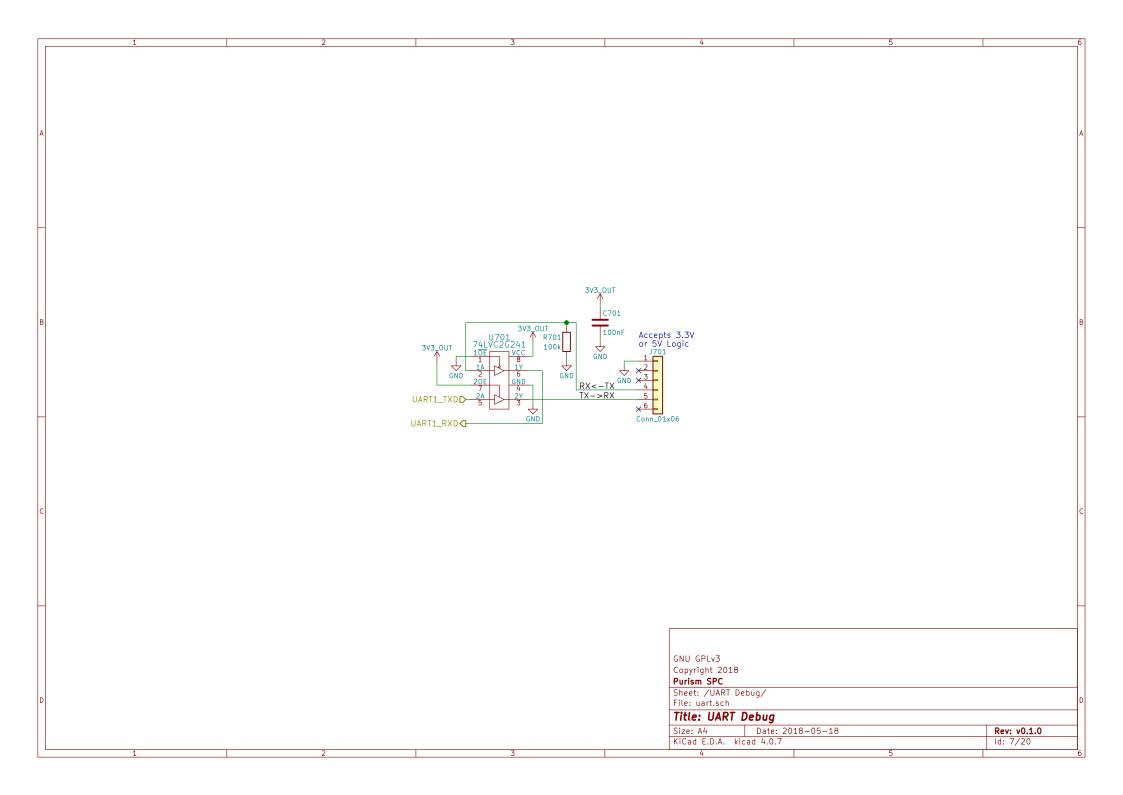
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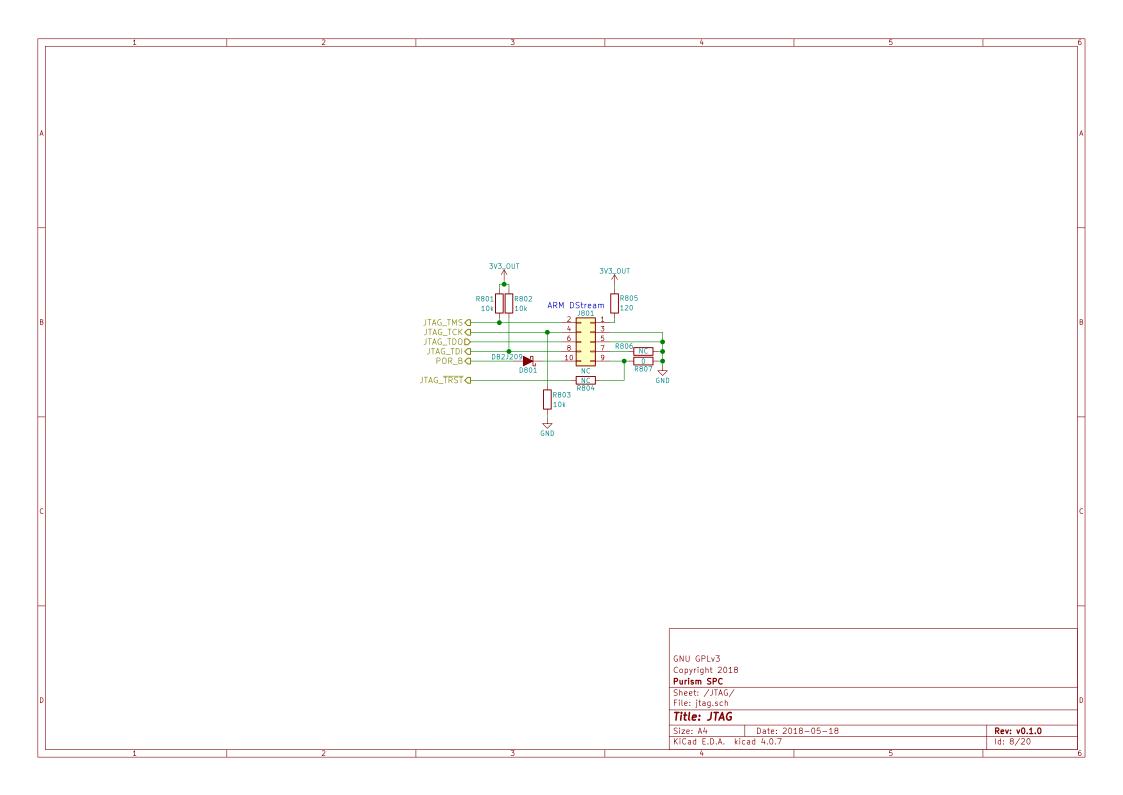
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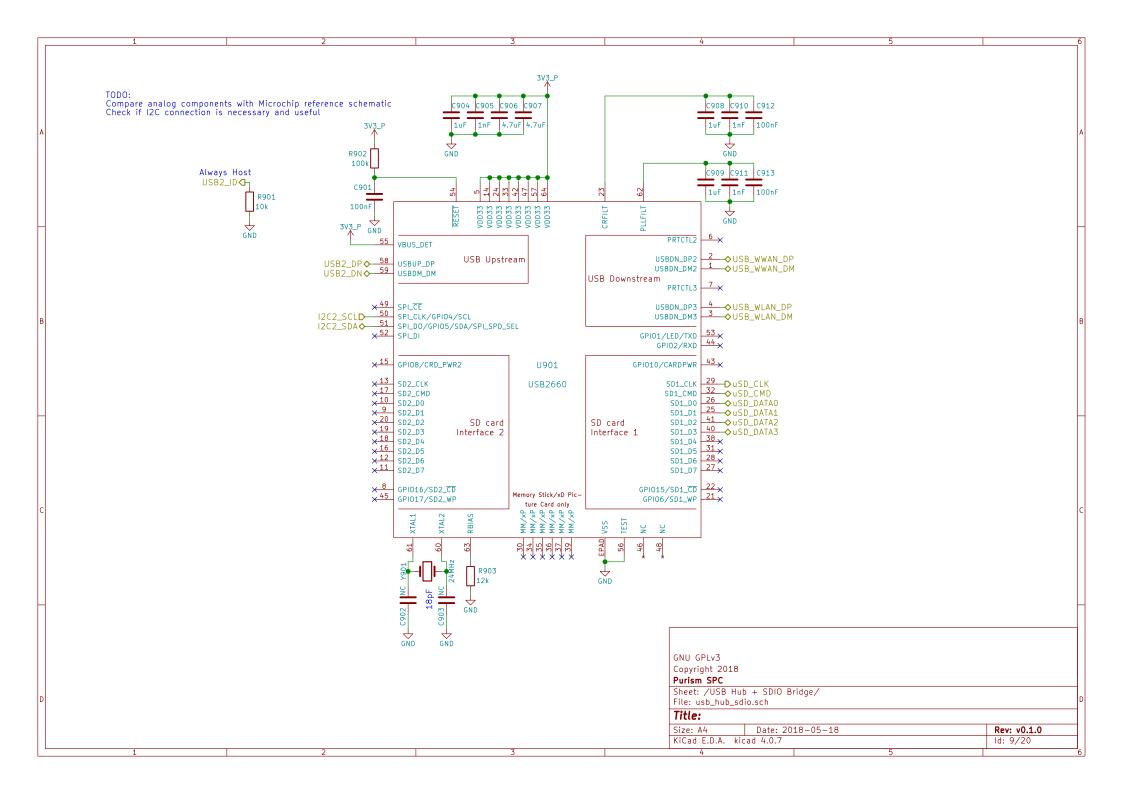
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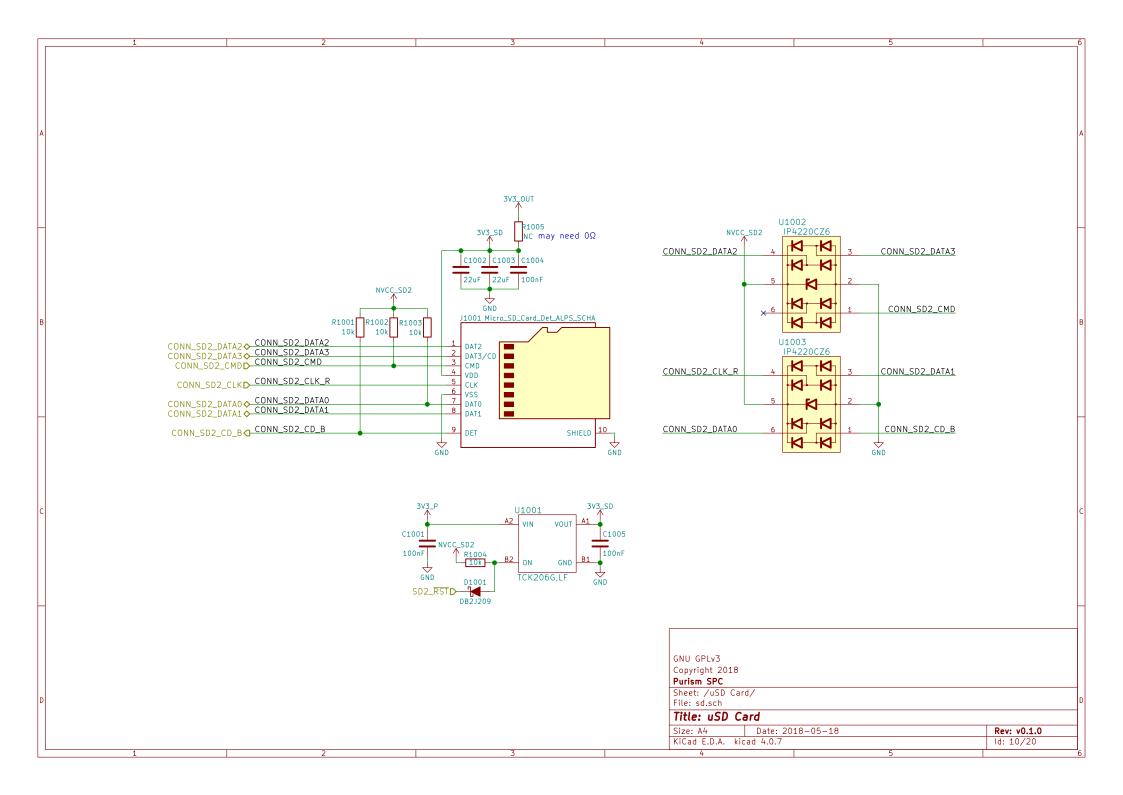


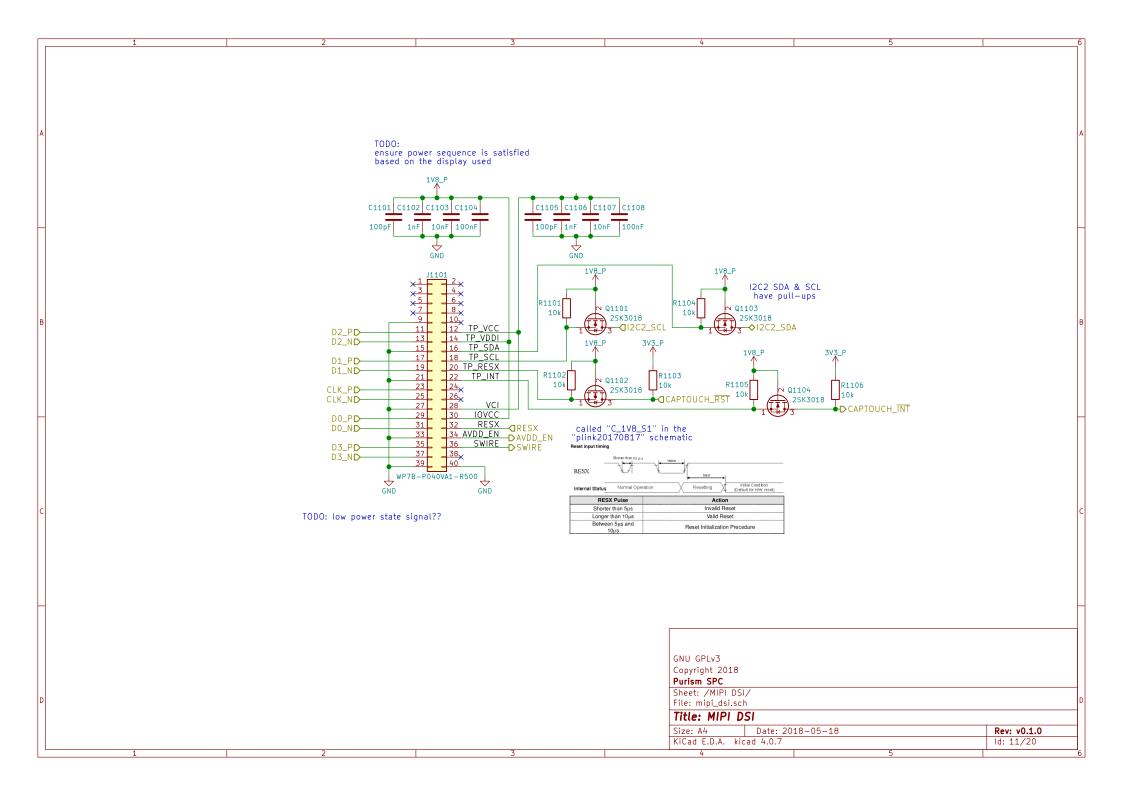


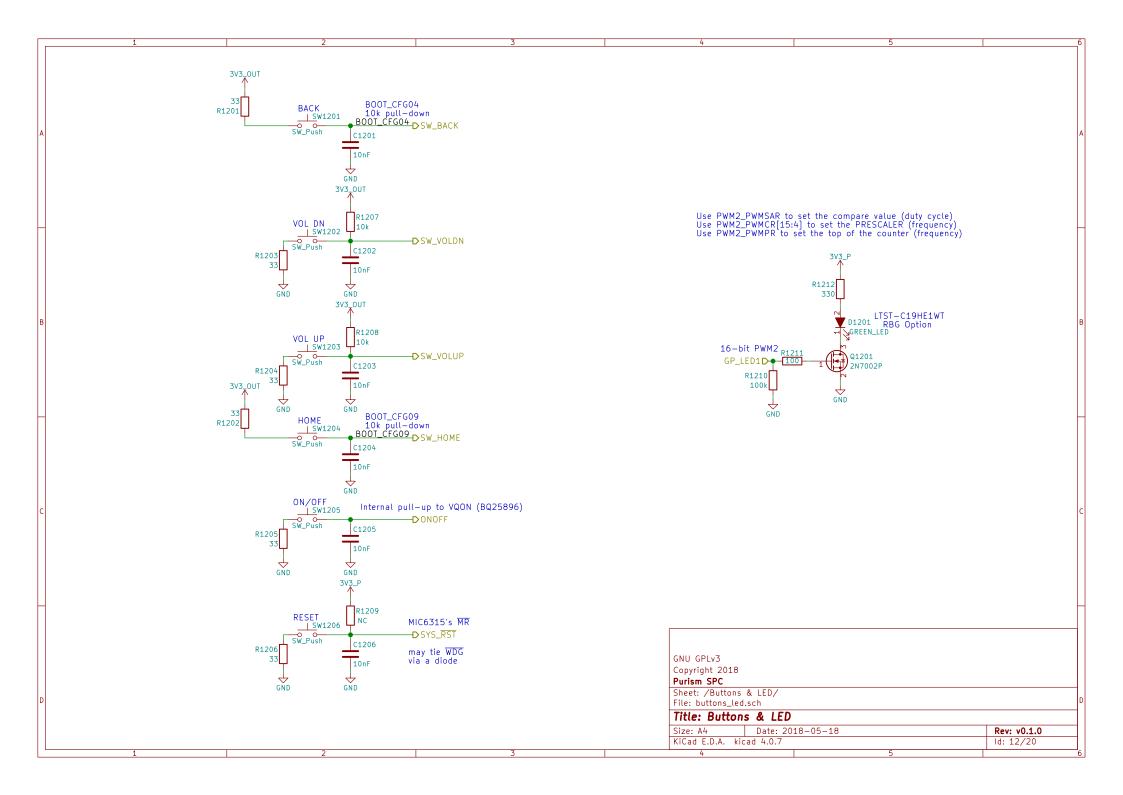


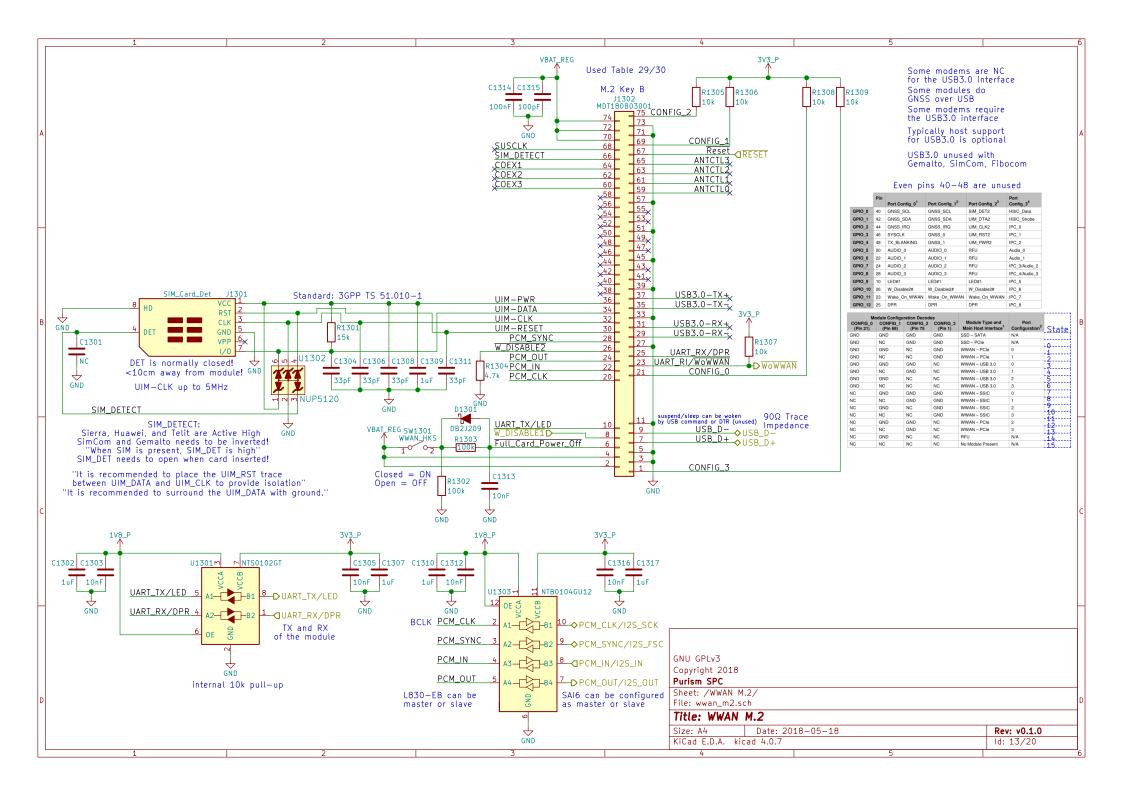


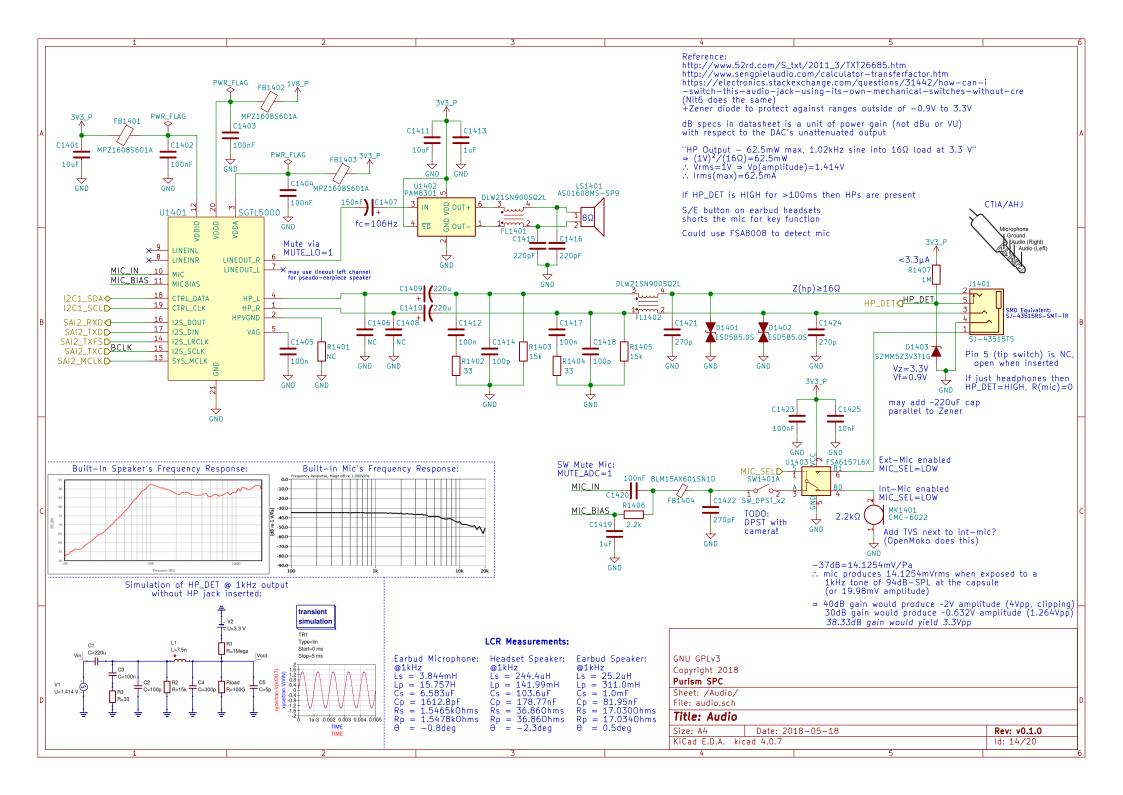


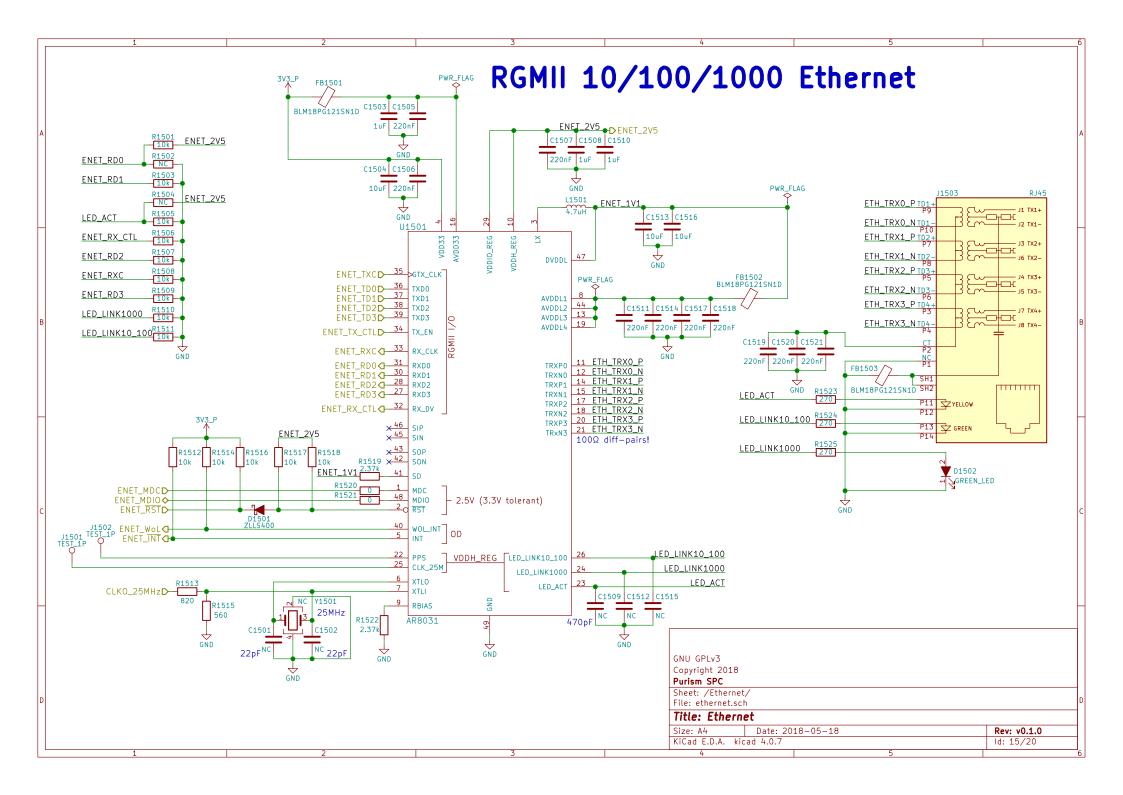


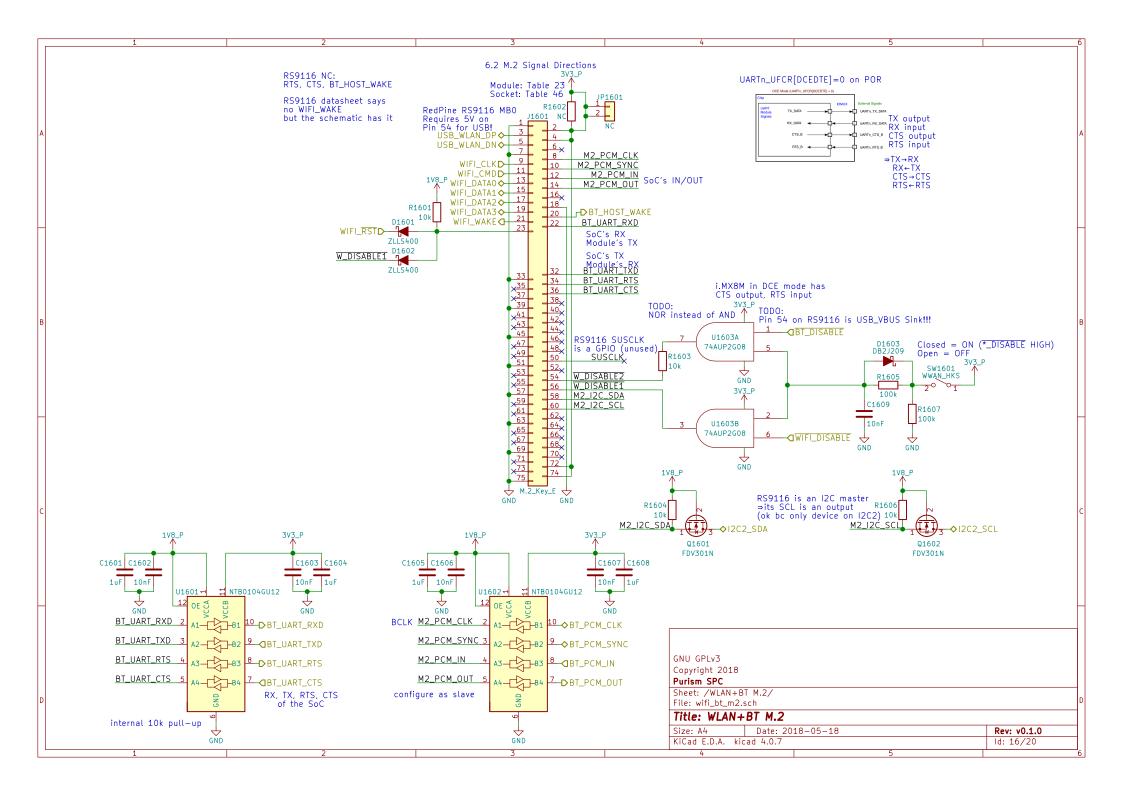


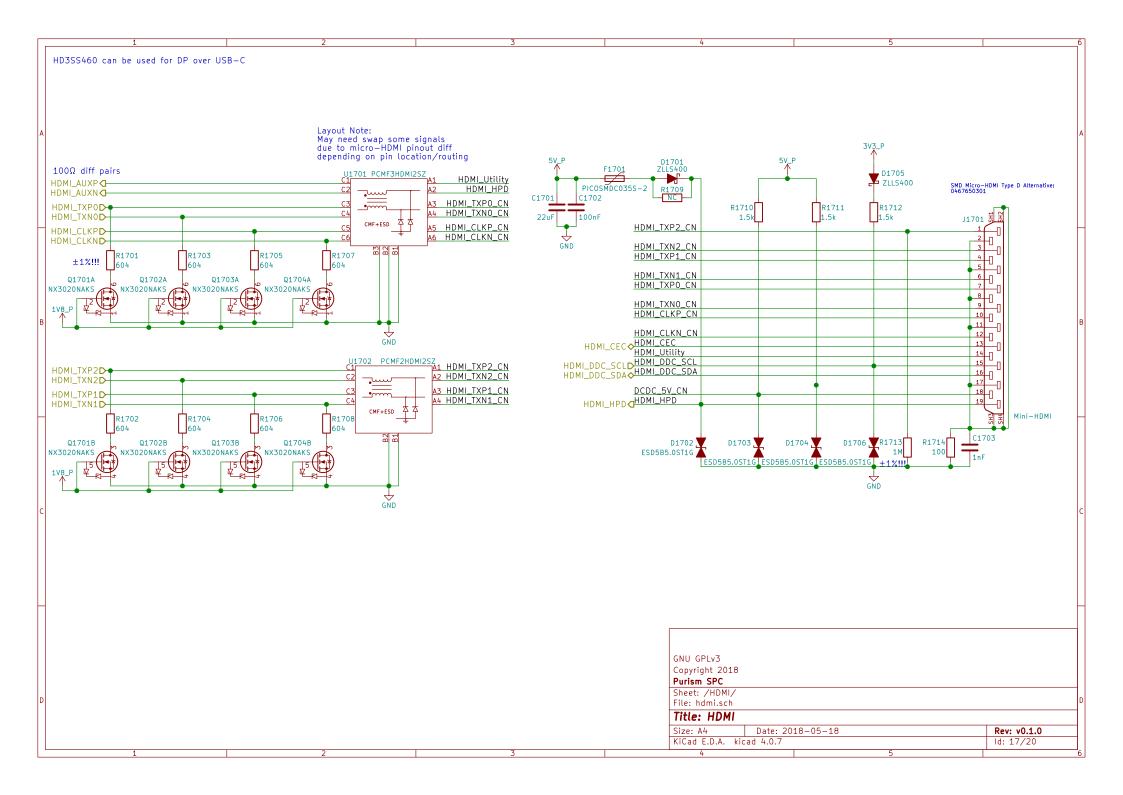




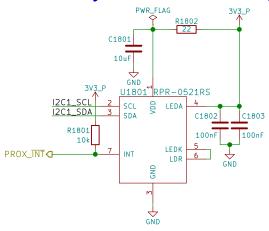




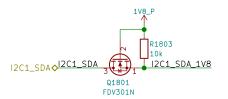




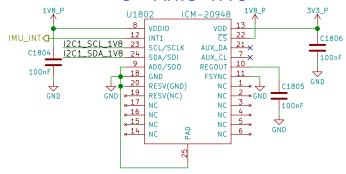
## Proximity & Ambient Light



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



## 9-Axis IMU



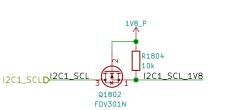
https://store.invensense.com/datasheets/invensense/AN-IVS-0001EVB-00%20v1%202.pdf

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







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

Title: Sensors Size: A4 Date: 2018-05-18 Rev: v0.1.0 KiCad E.D.A. kicad 4.0.7 ld: 18/20

