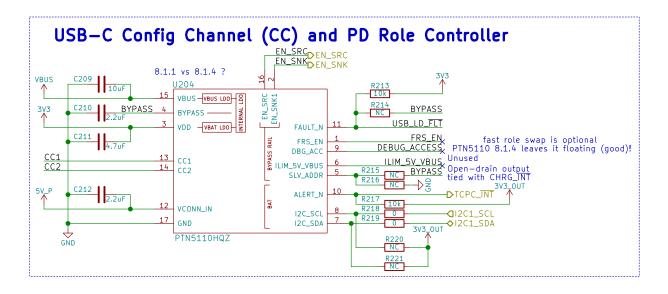
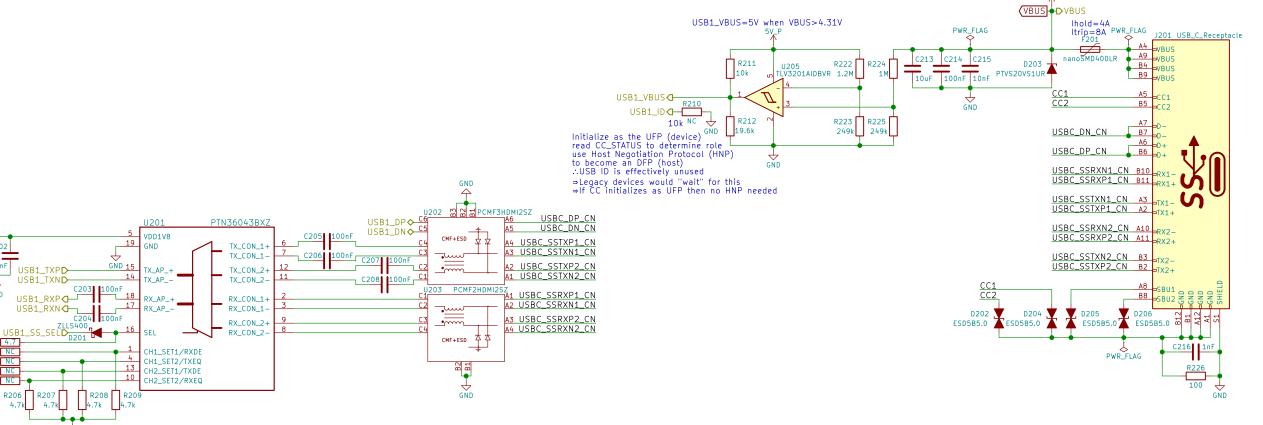
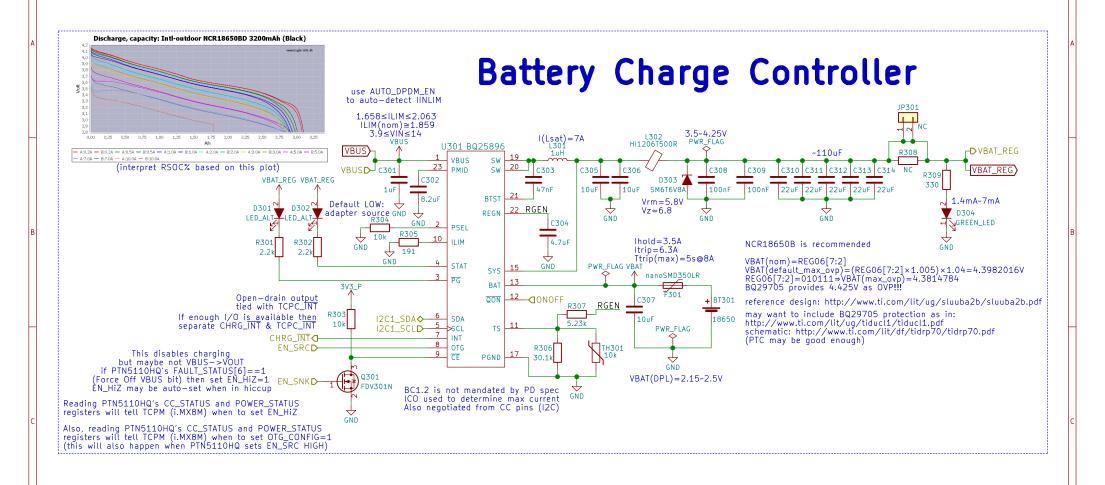


"Under dead battery operation, PTN5110 applies voltage clamps to both CC pins so that the system may receive power as a Sink. To support platforms with buck—boost configuration, PTN5110 asserts EN\_SNK1 pin based on validity of VBUS voltage (facilitates 5 V VBUS sinking)."



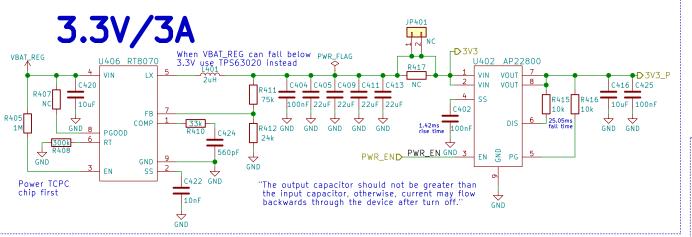


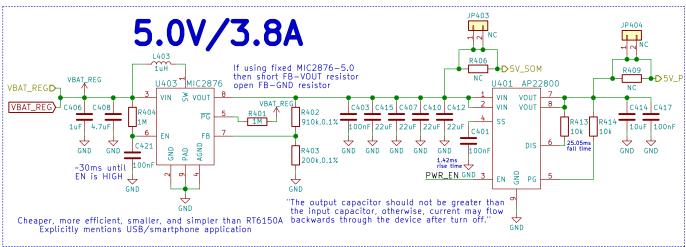
|             |                  | GNU GPLv3        |
|-------------|------------------|------------------|
|             |                  | Copyright 2018   |
|             |                  | Purism SPC       |
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|             |                  | File: usb-c.sch  |
|             | ype C            | Title: USB Ty    |
| Rev: v0.1.0 | Date: 2018-05-18 | Size: A3         |
| ld: 2/21    | cad 4.0.7        | KiCad E.D.A. kic |
|             | Date: 2018-05-18 | Size: A3         |

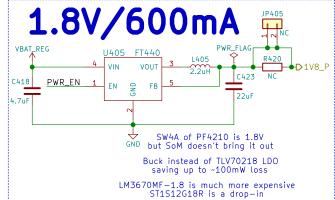


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Purism SPC
Sheet: /Battery/
File: battery.sch

Title: Battery
Size: A4 Date: 2018-05-18 Rev: v0.1.0
KiCad E.D.A. kicad 4.0.7 Id: 3/21







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

GNU GPLv3

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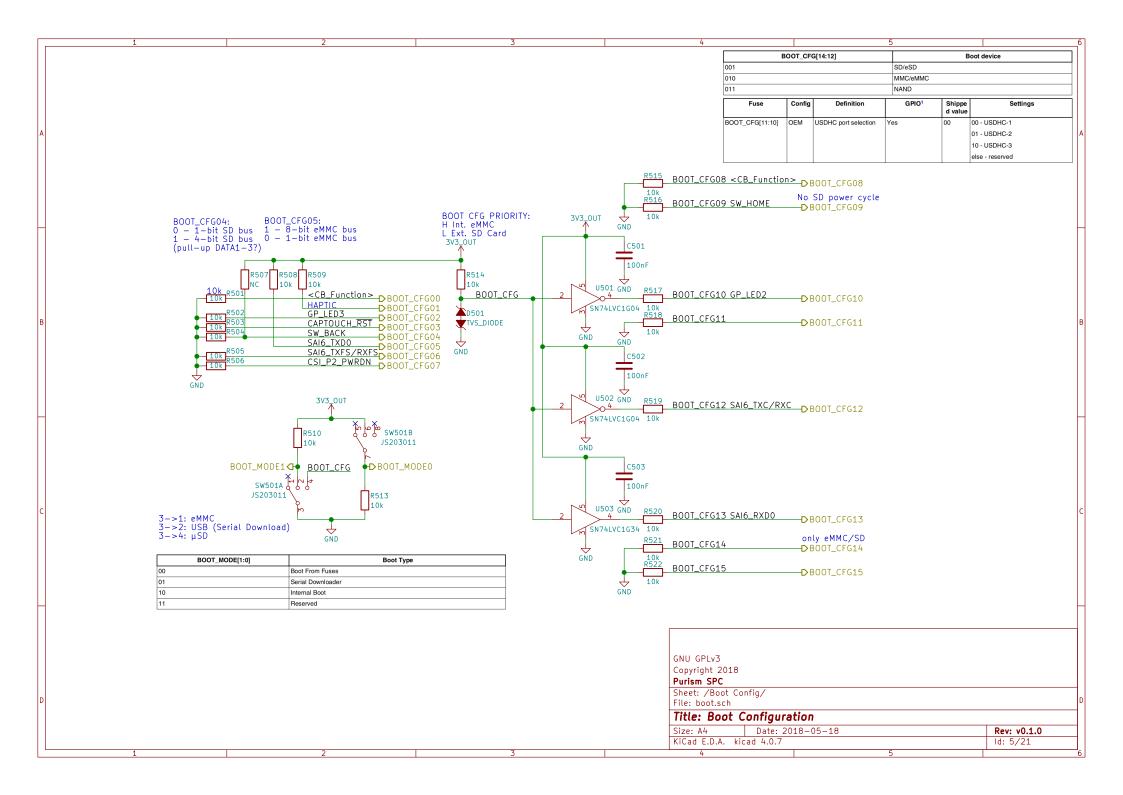
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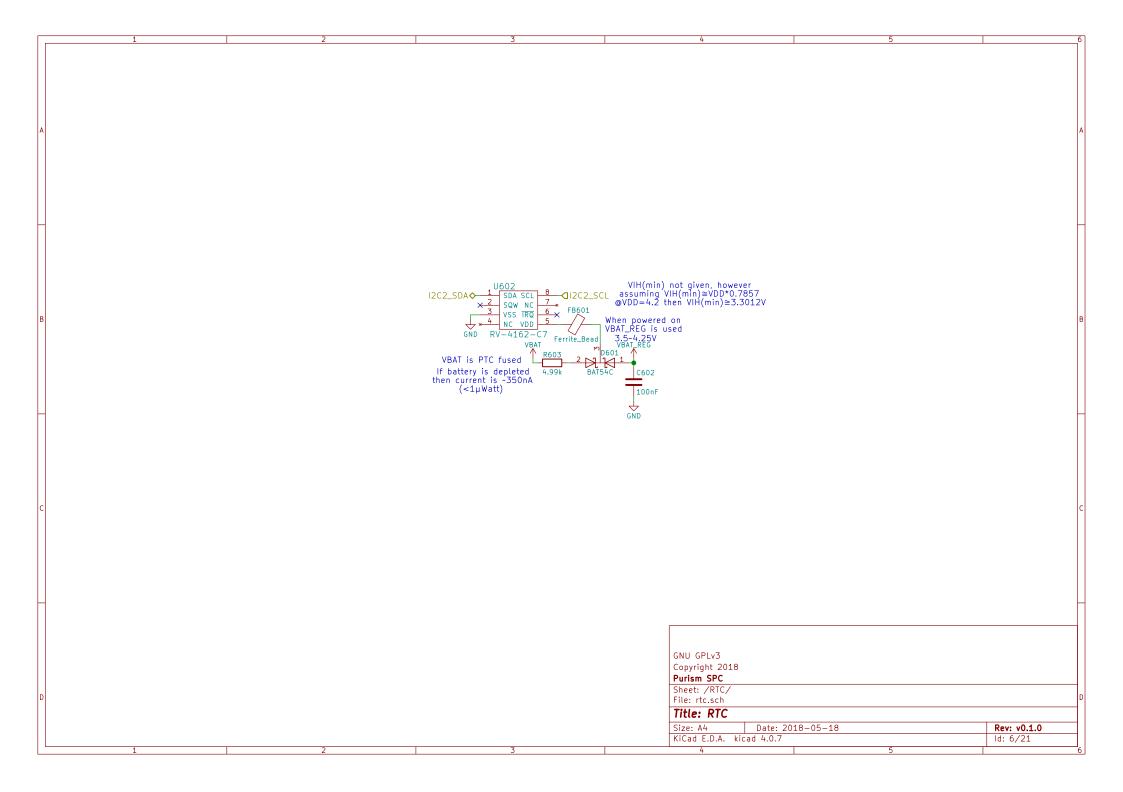
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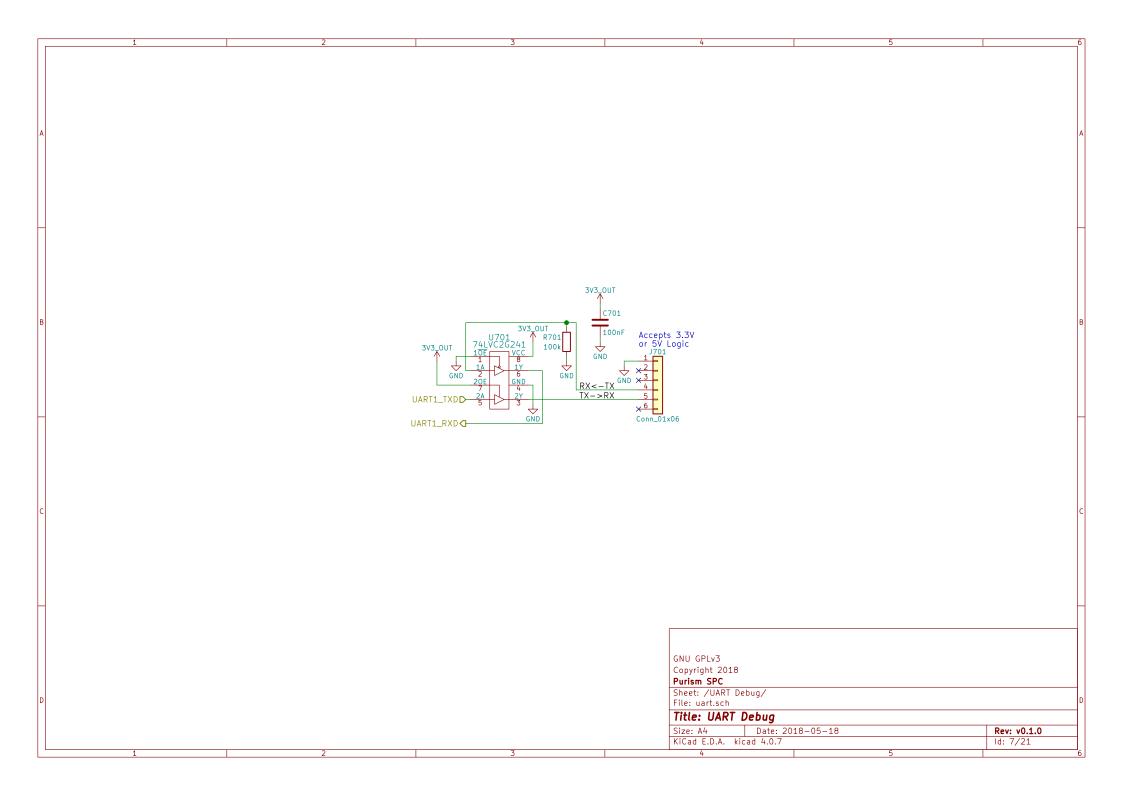
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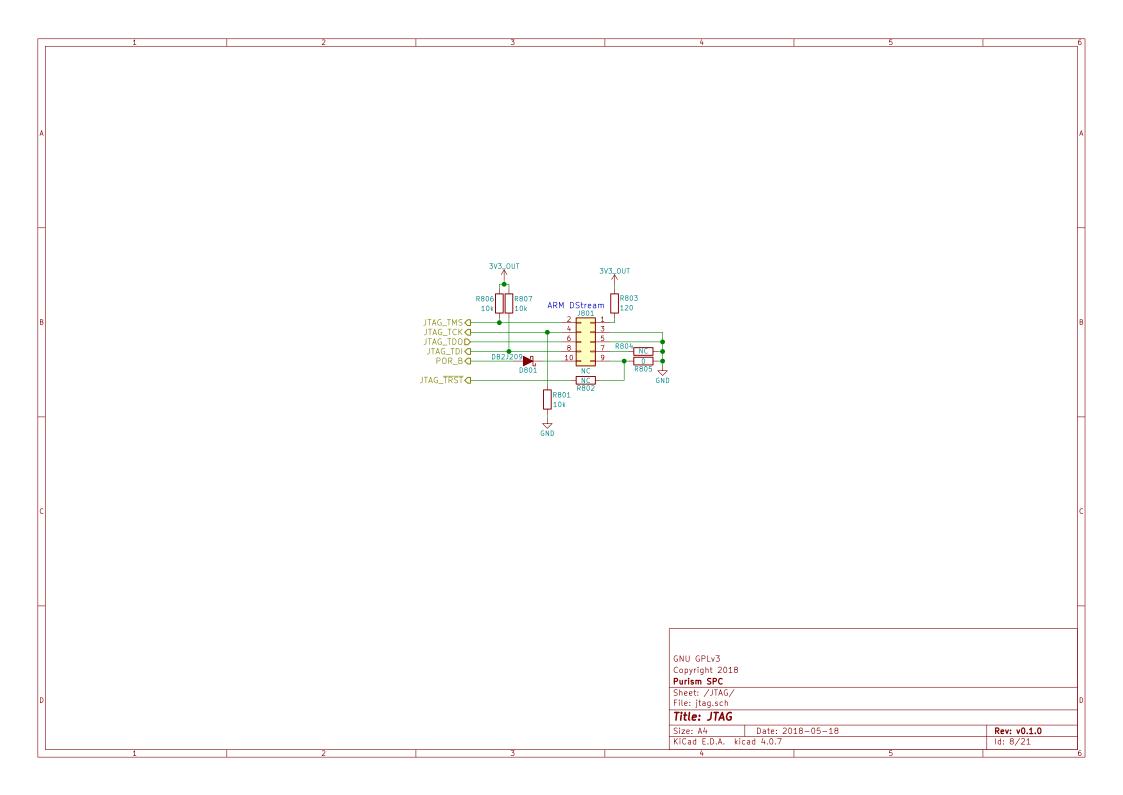
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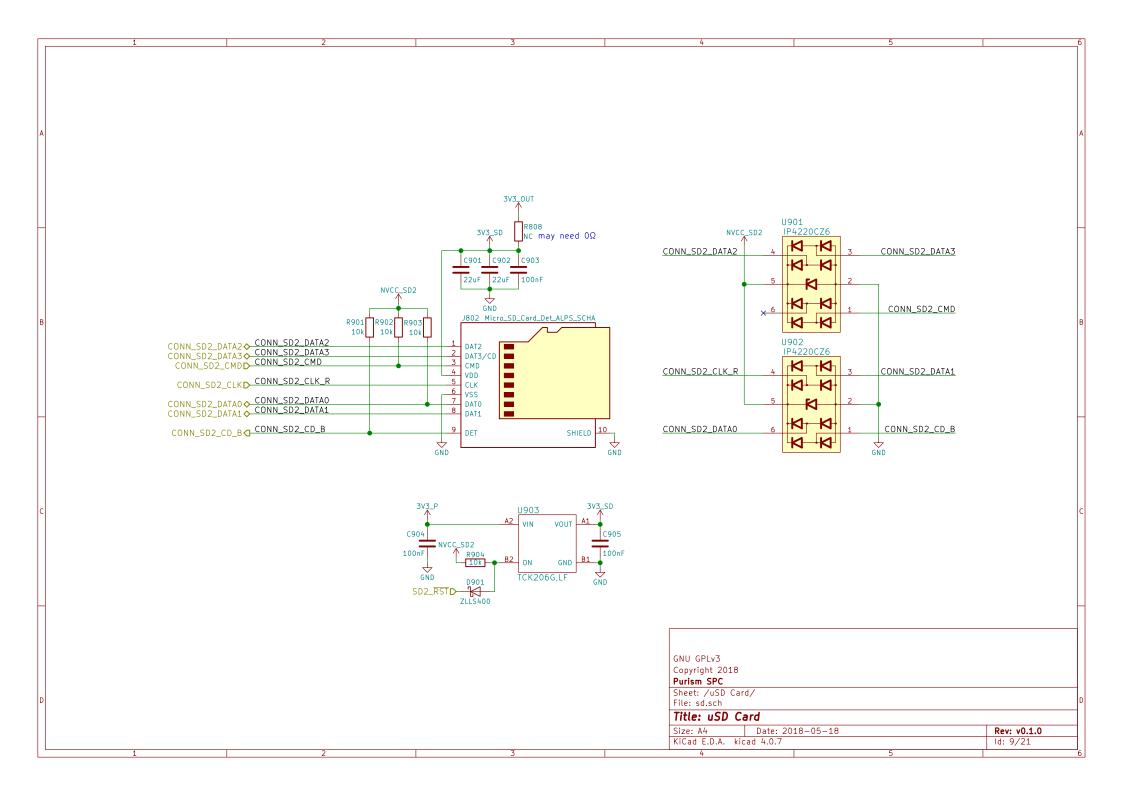
KICAG E.D.A. KIC

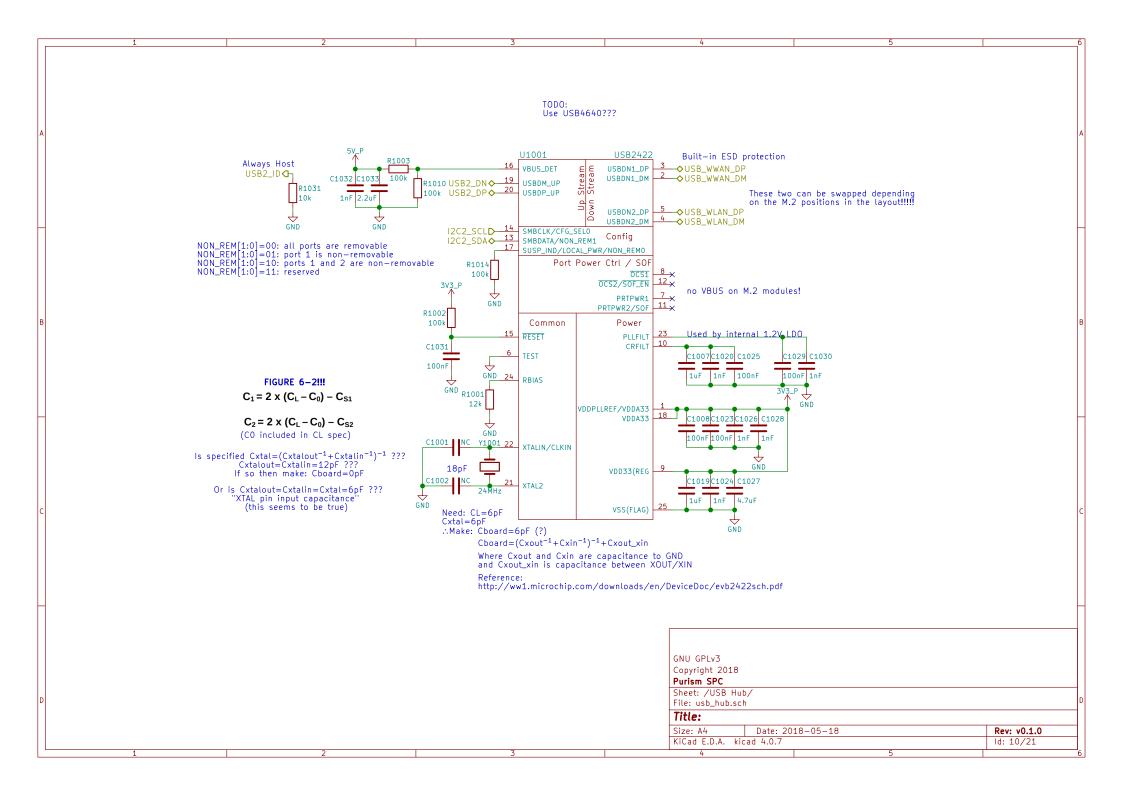


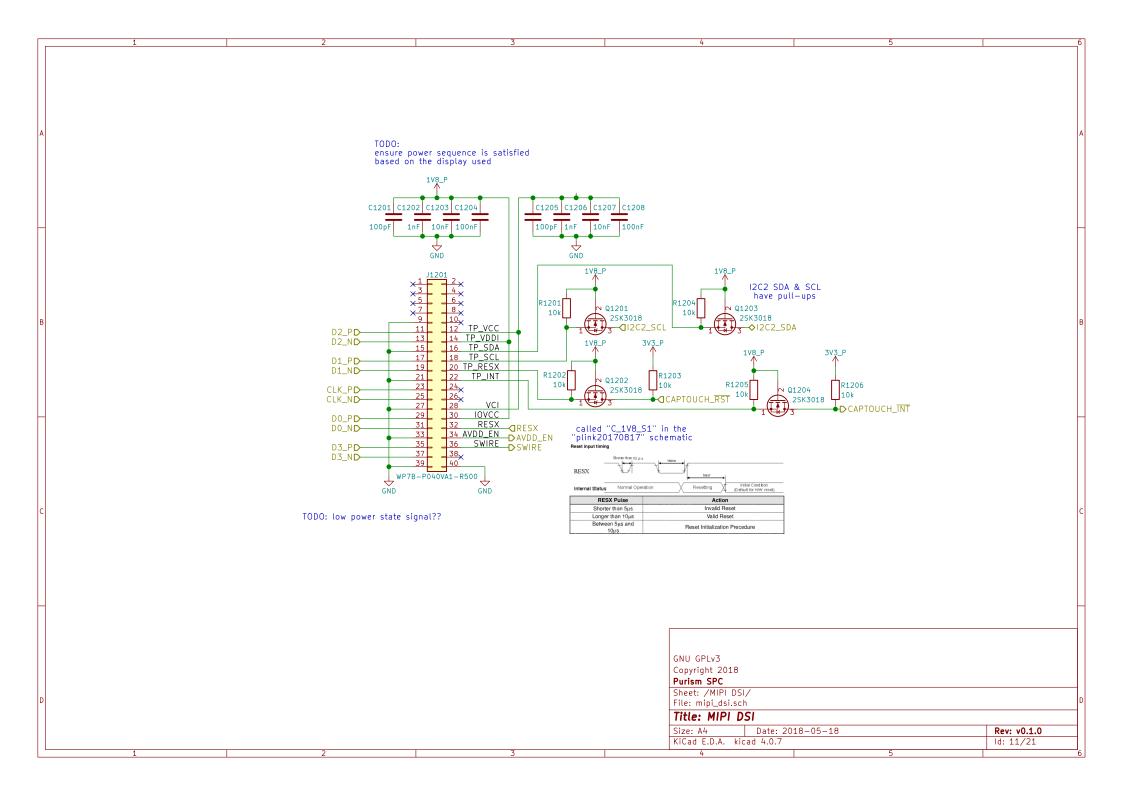


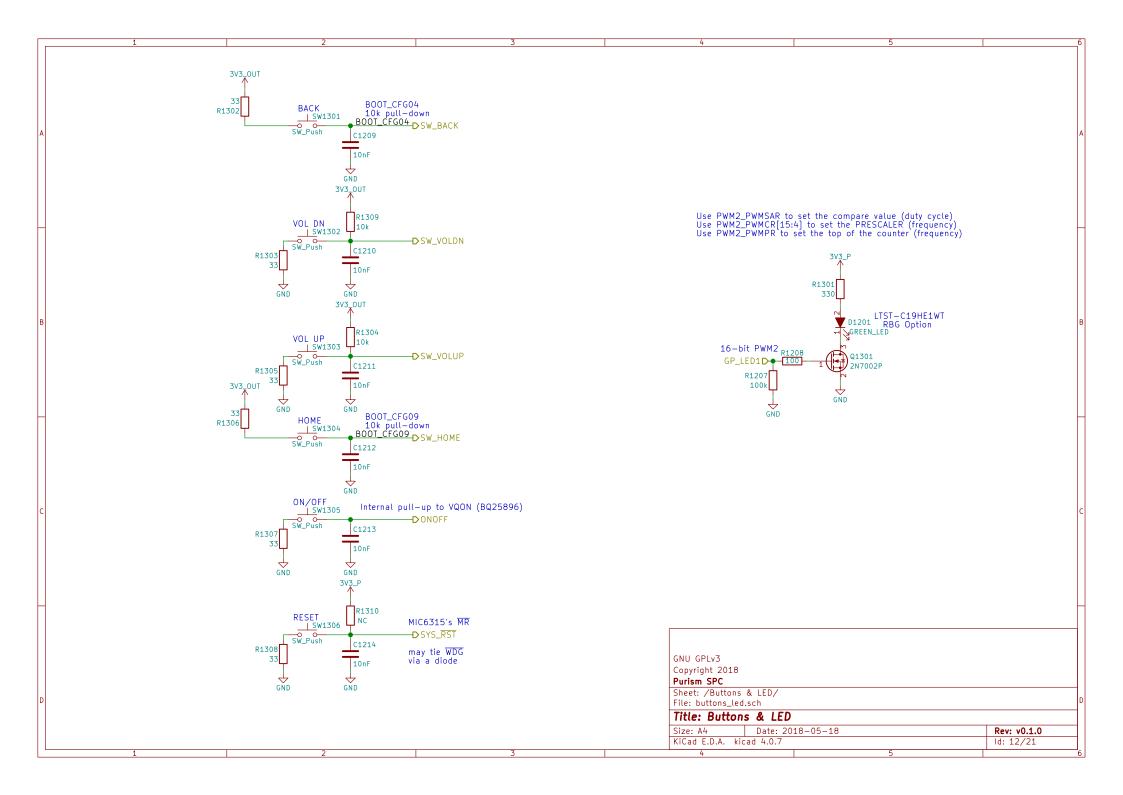


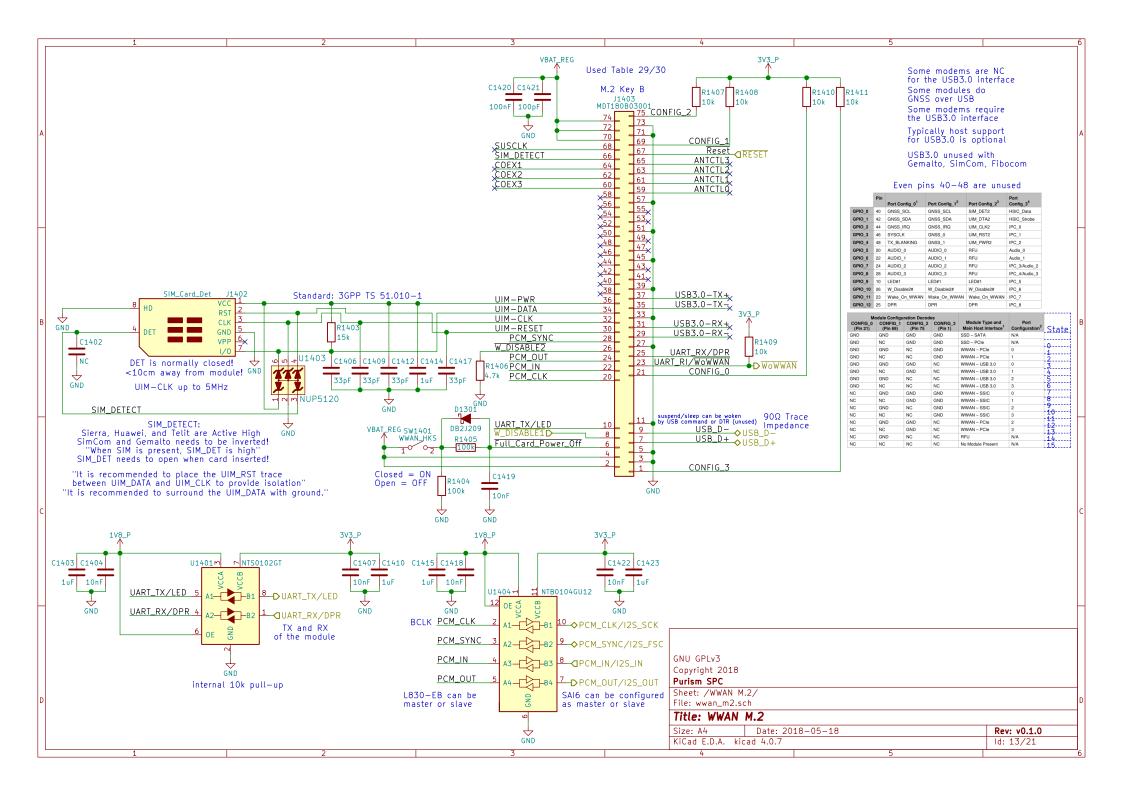


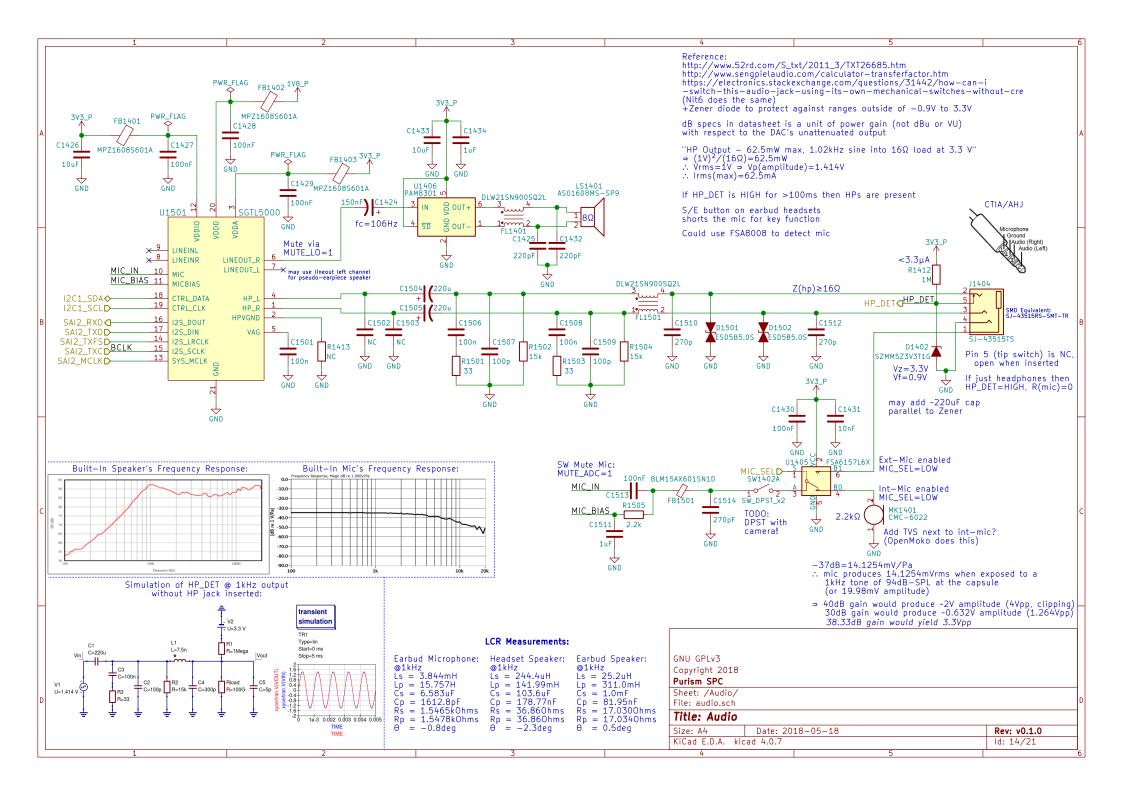


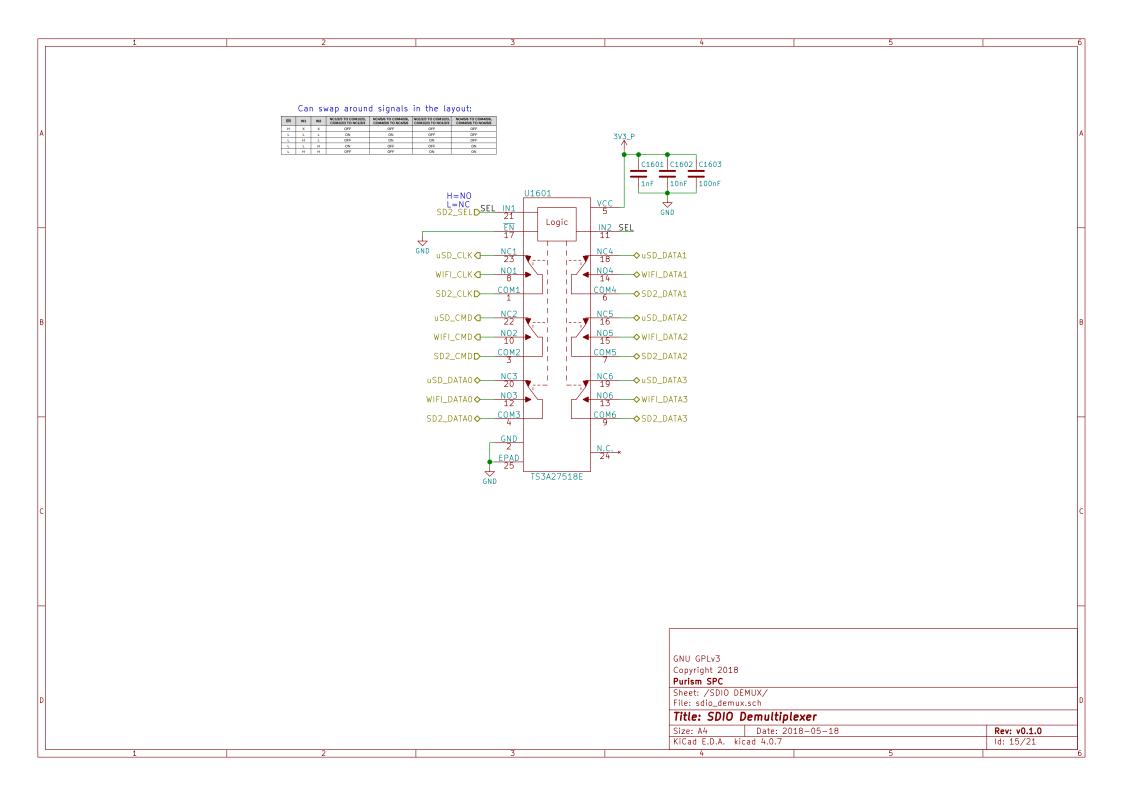


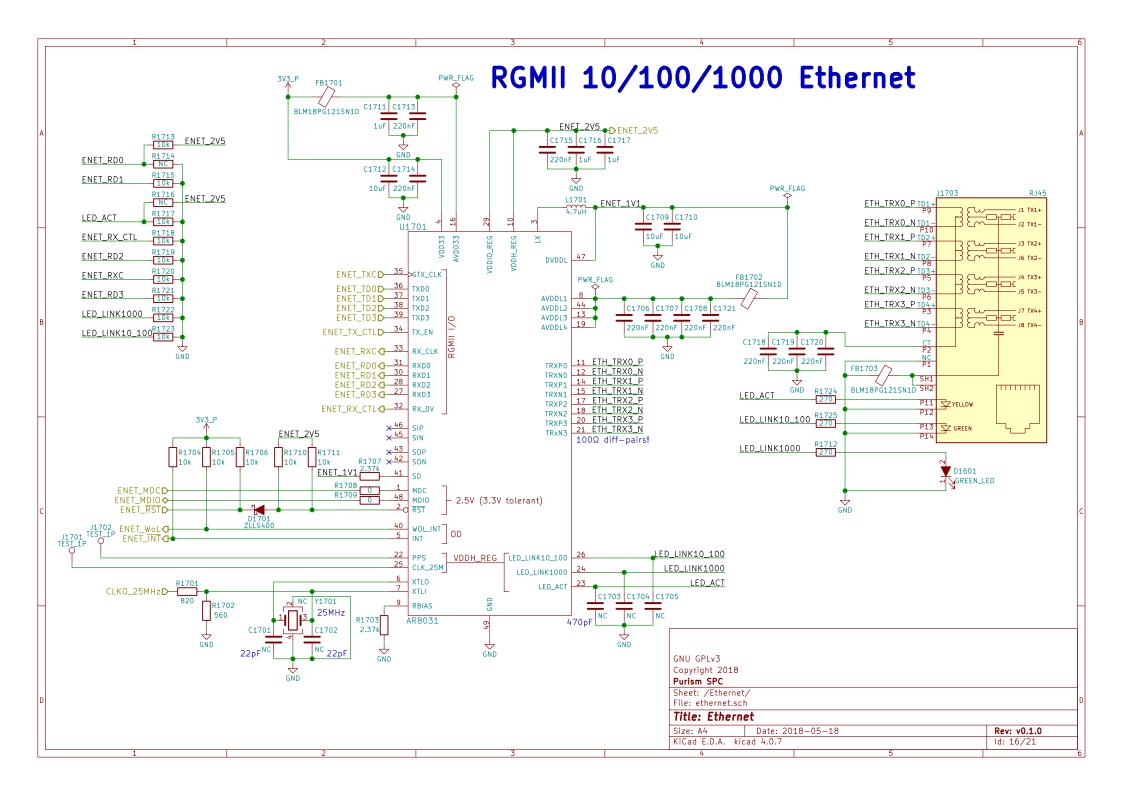


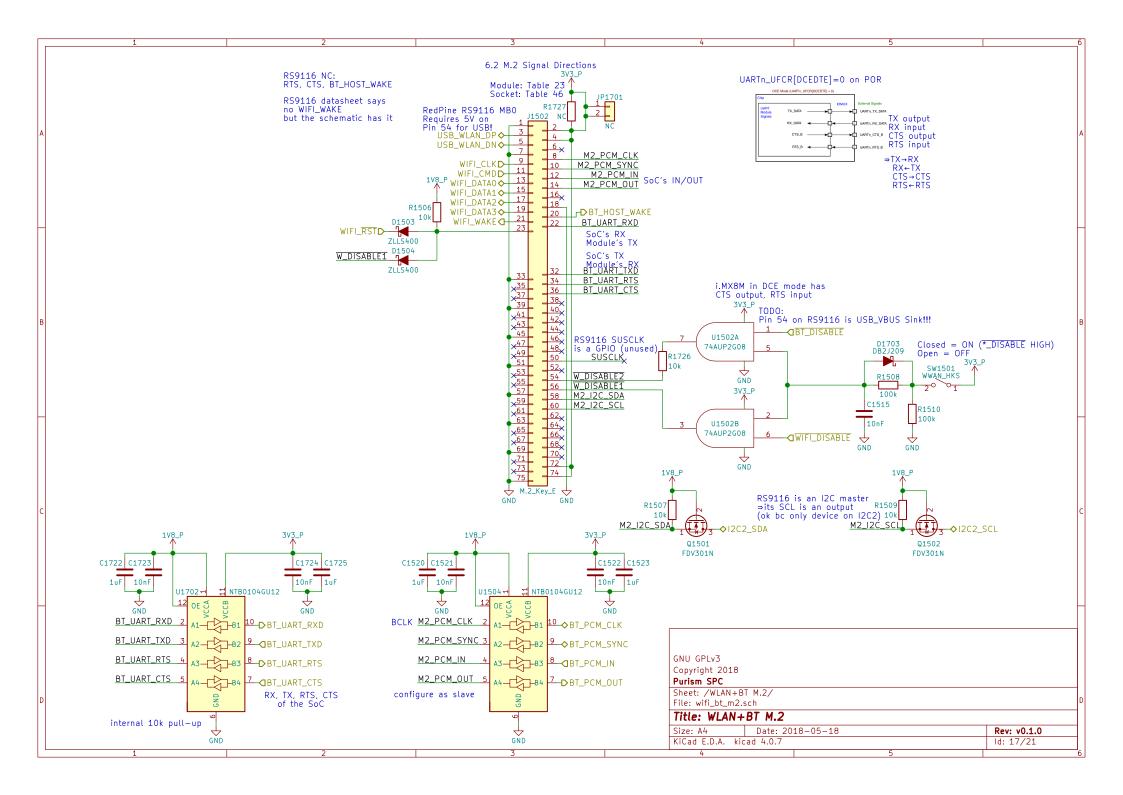


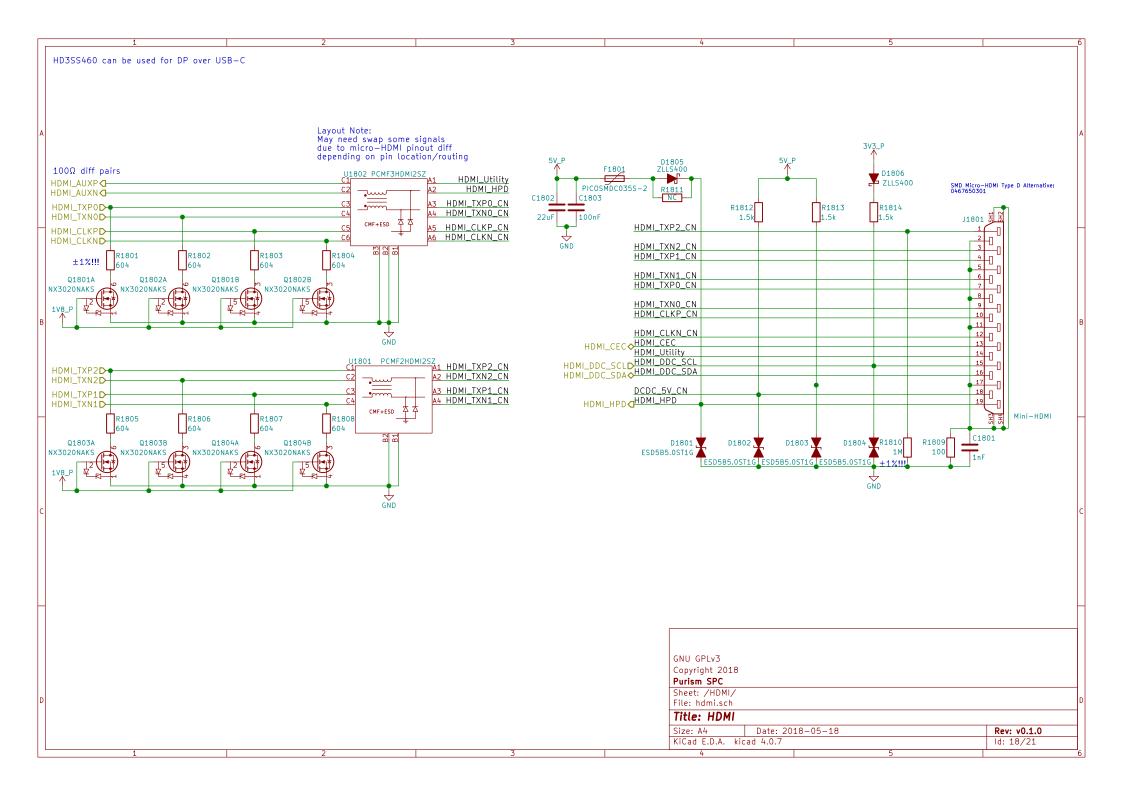




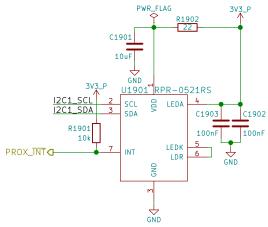




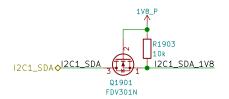




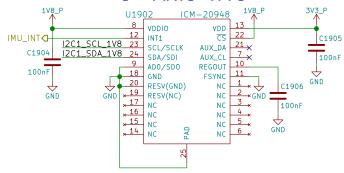
## Proximity & Ambient Light



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"

12C's VIH=1.8V

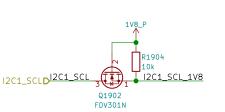




Figure 12. Orientation of Axes of Sensitivity and Polarity of Rotation



Figure 13. Orientation of Axes of Sensitivity for Magnetometer

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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
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