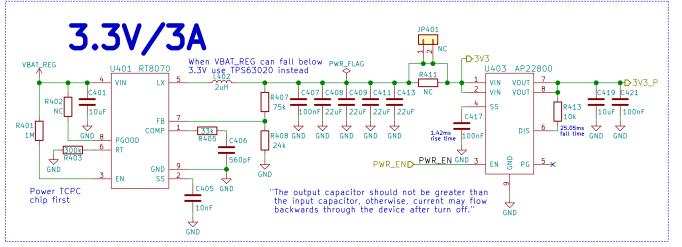
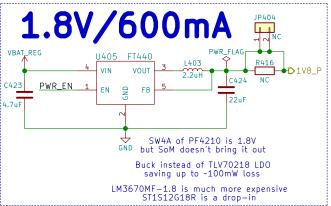
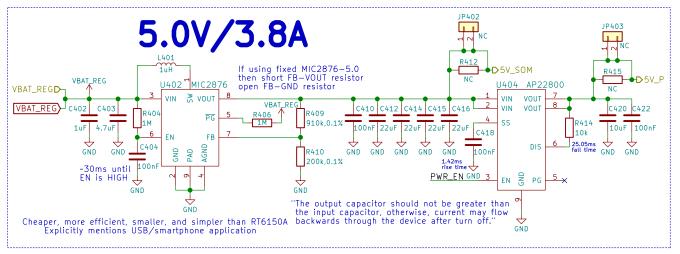


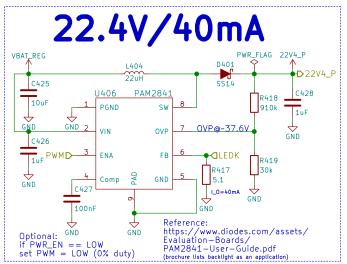
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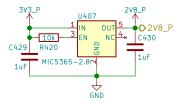








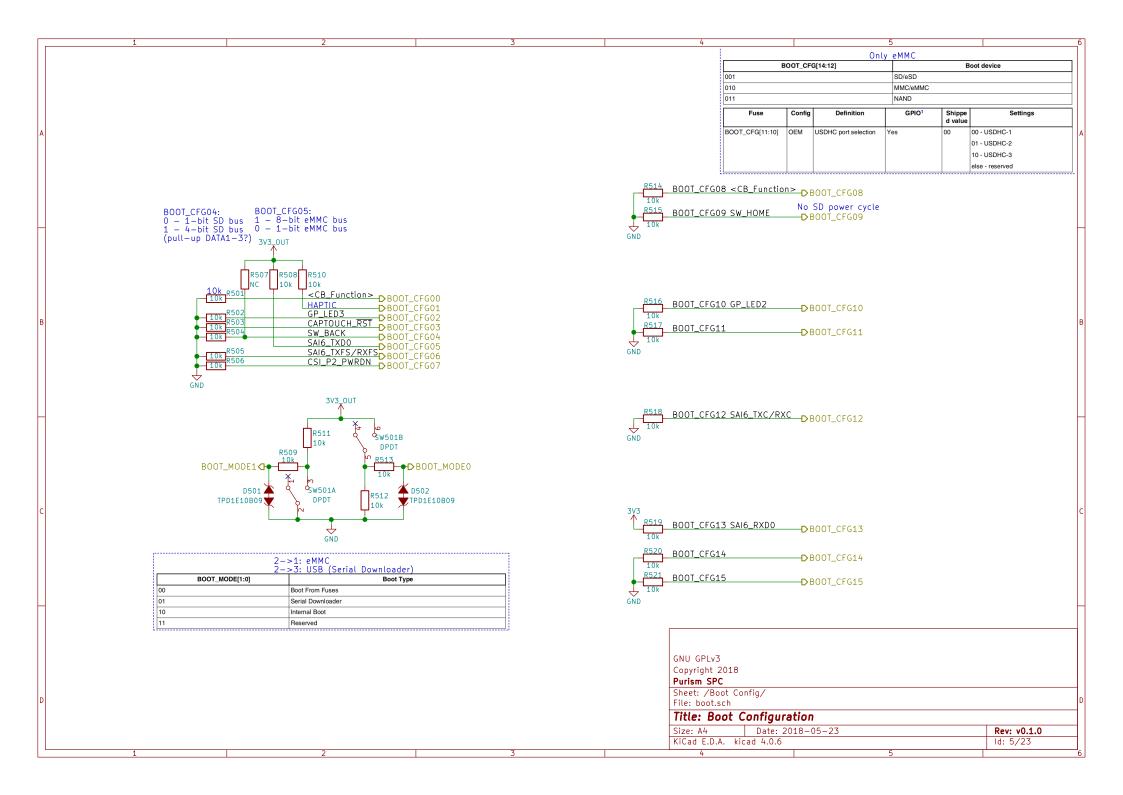
TODO: add parallel 100nF bulk caps! & spread all over the power plane

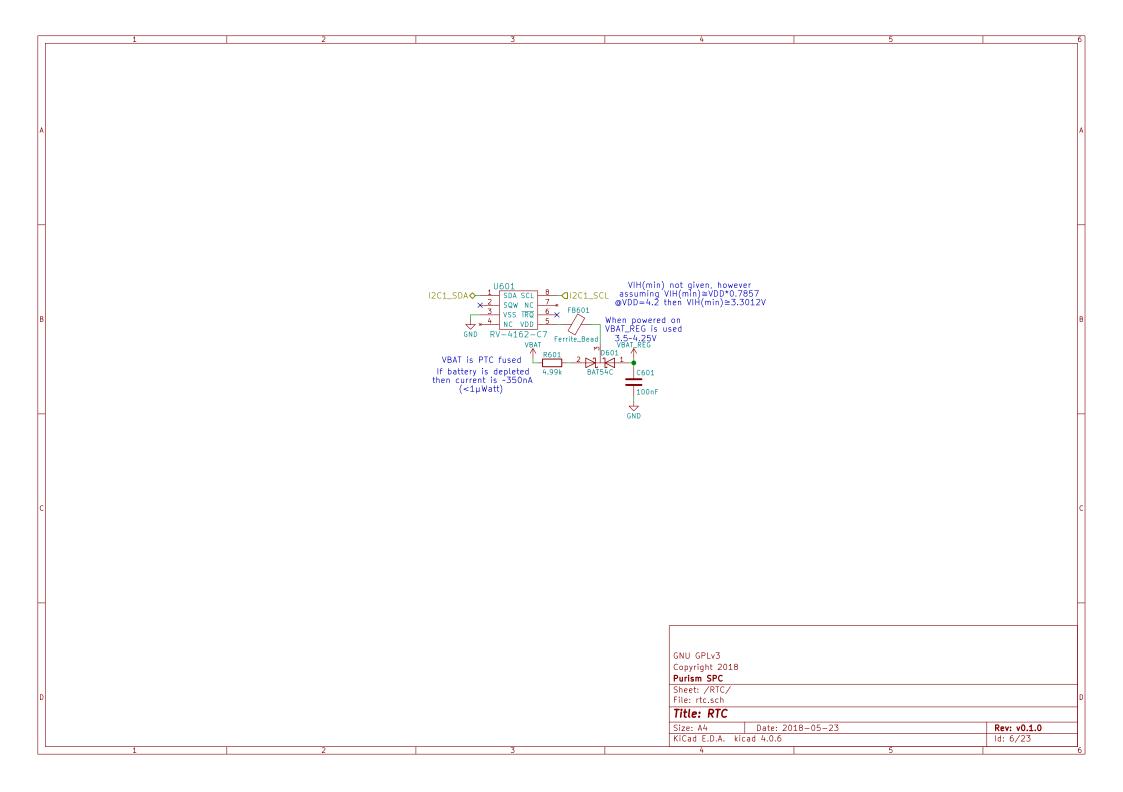


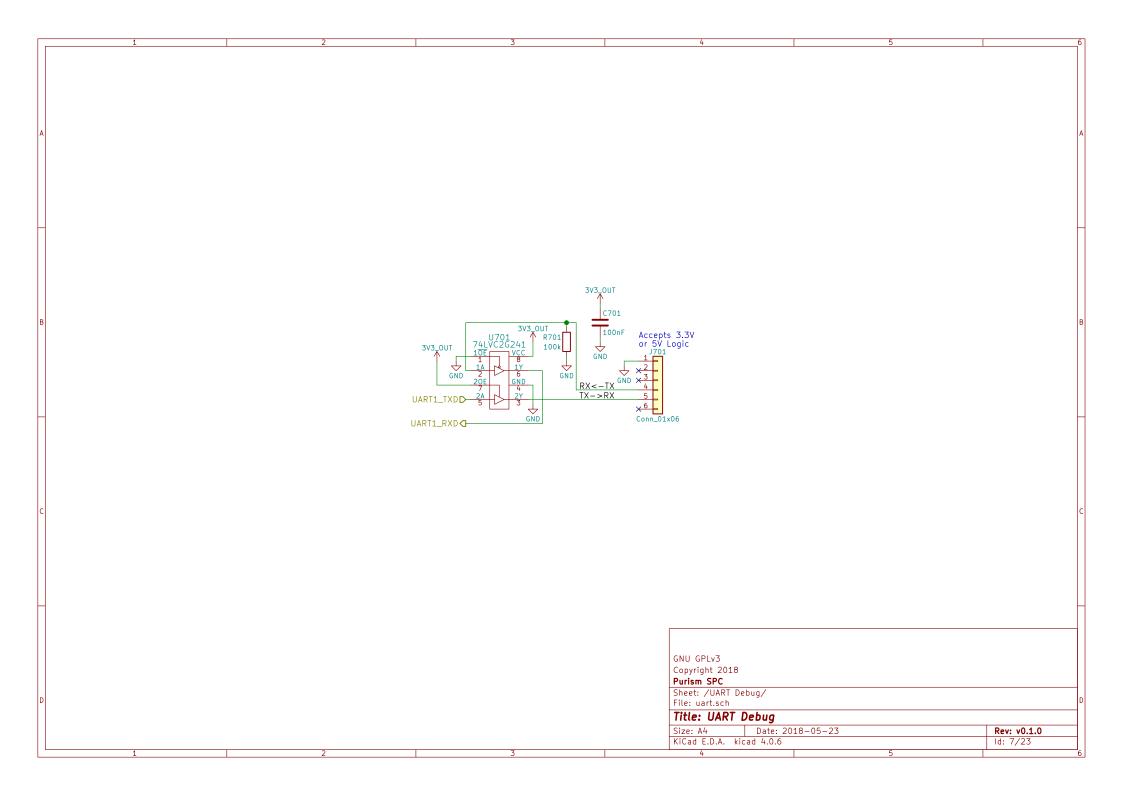
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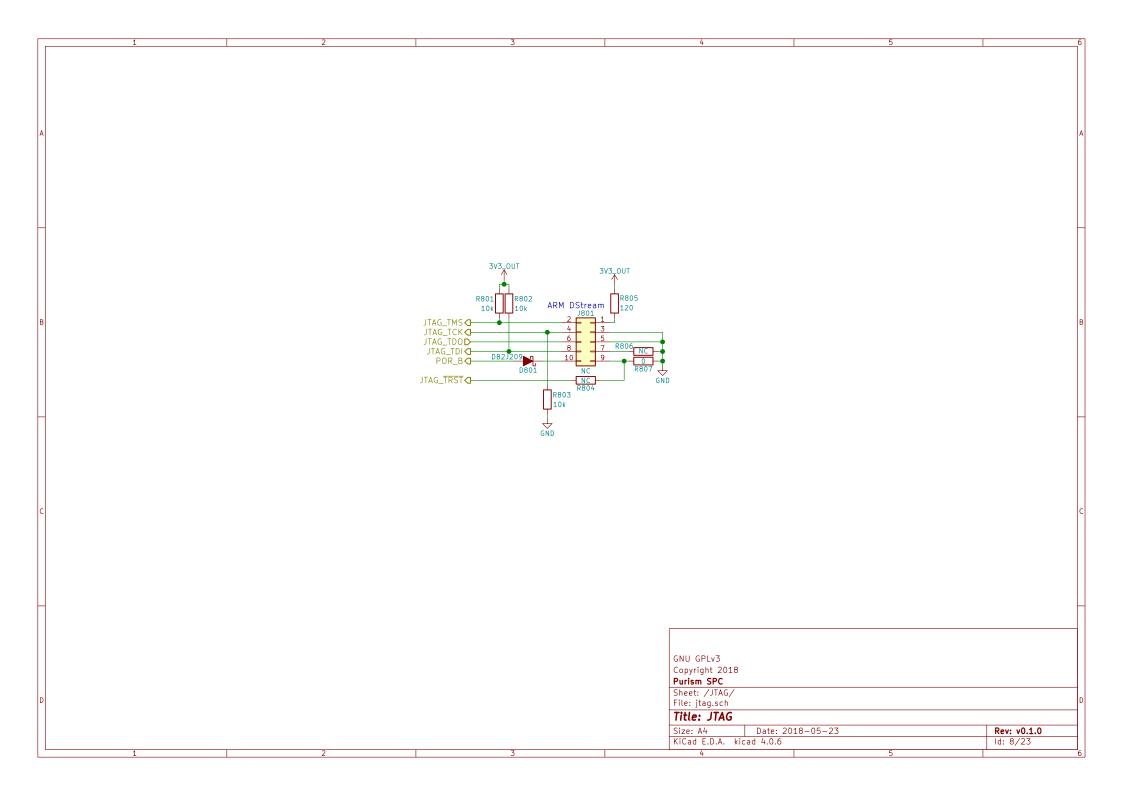
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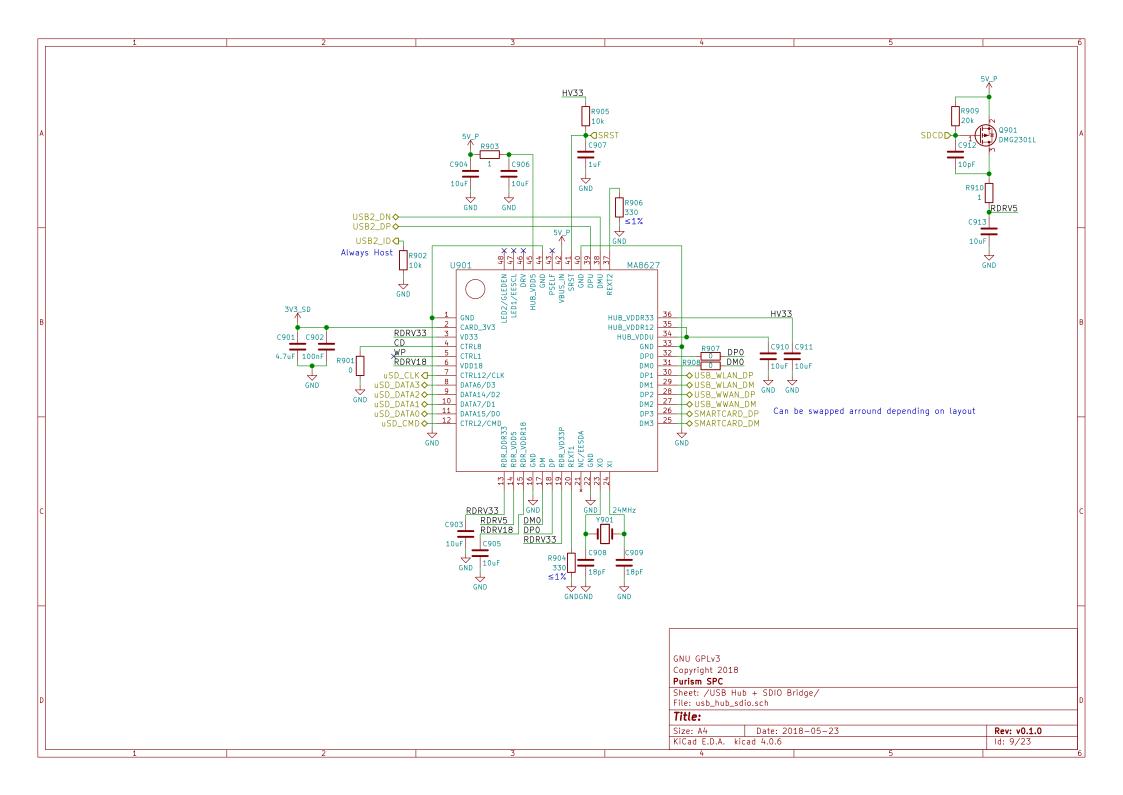
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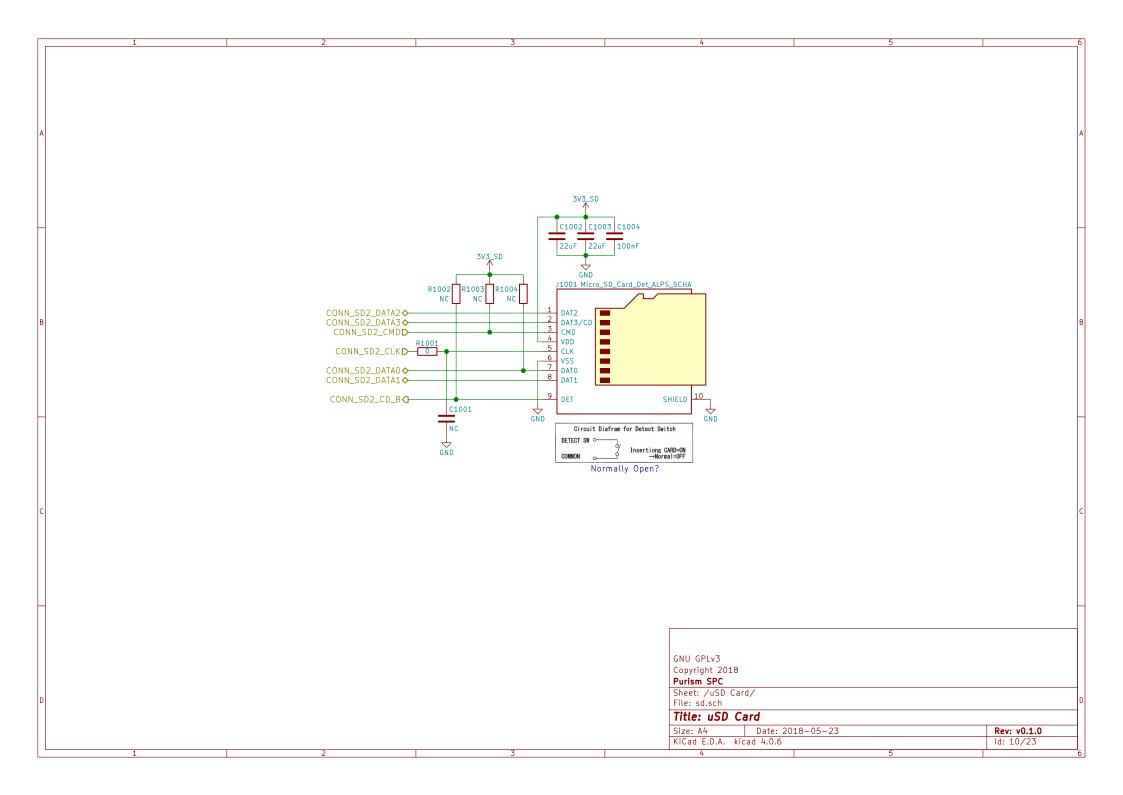


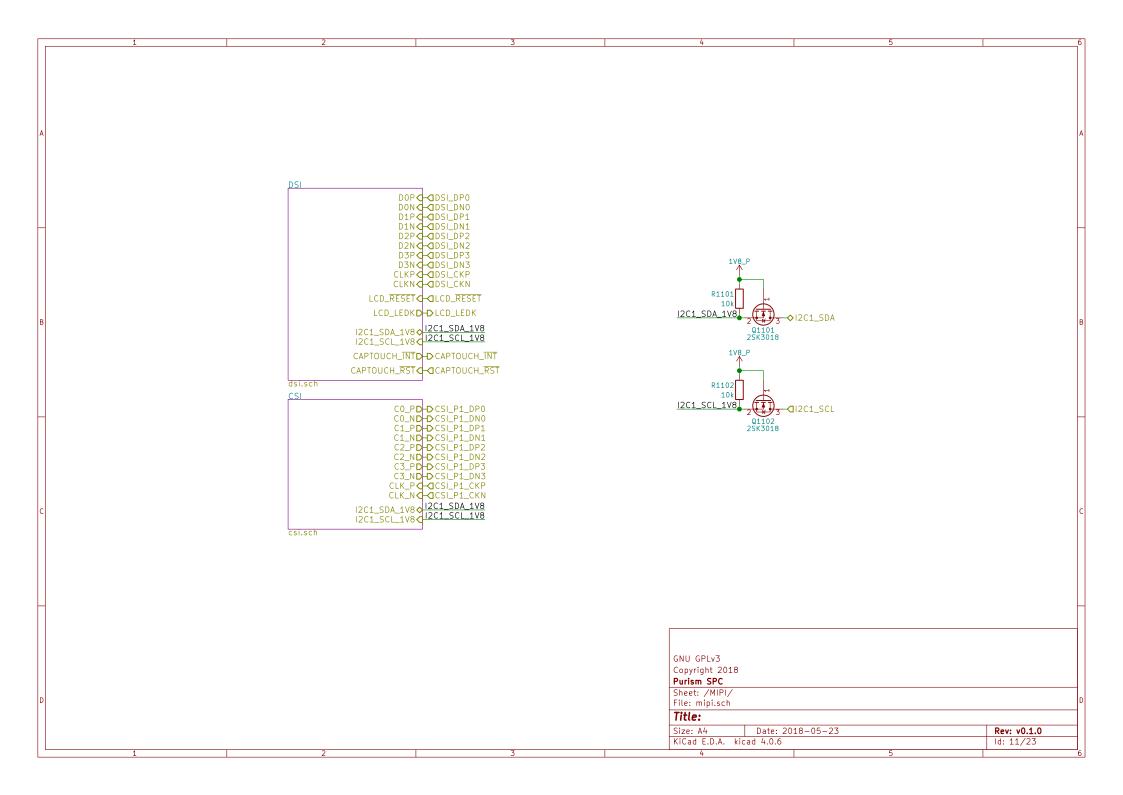


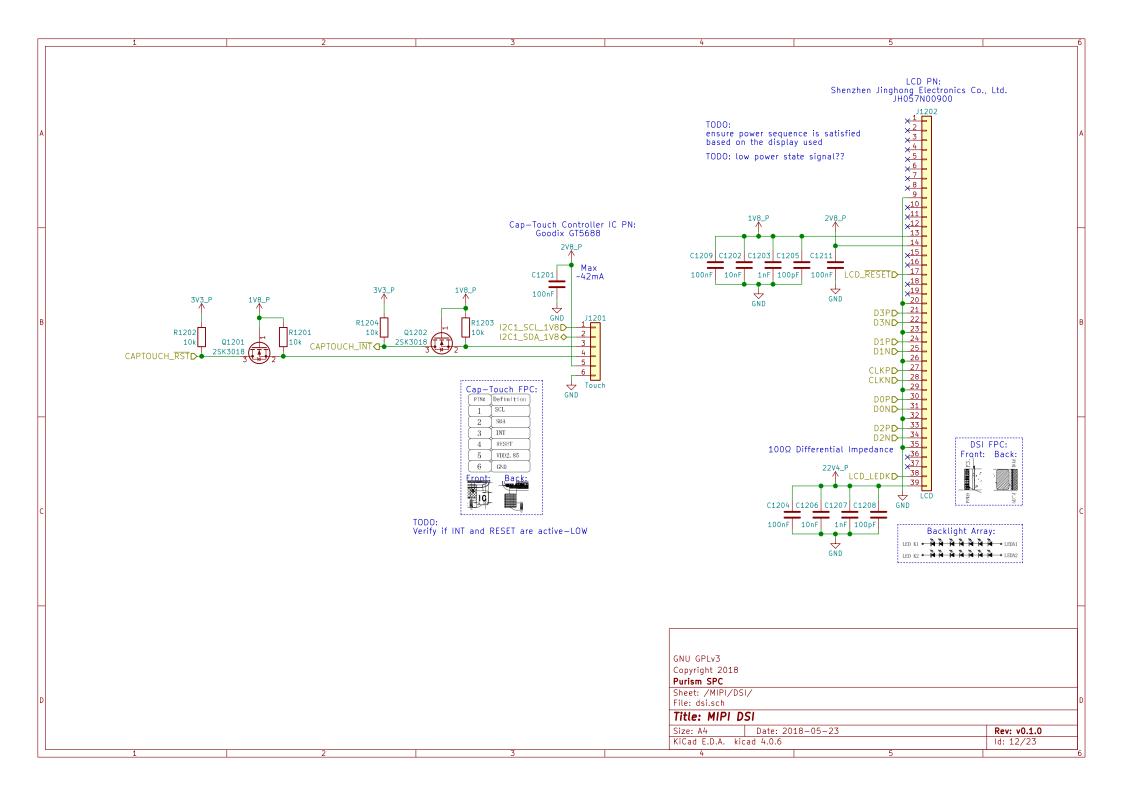


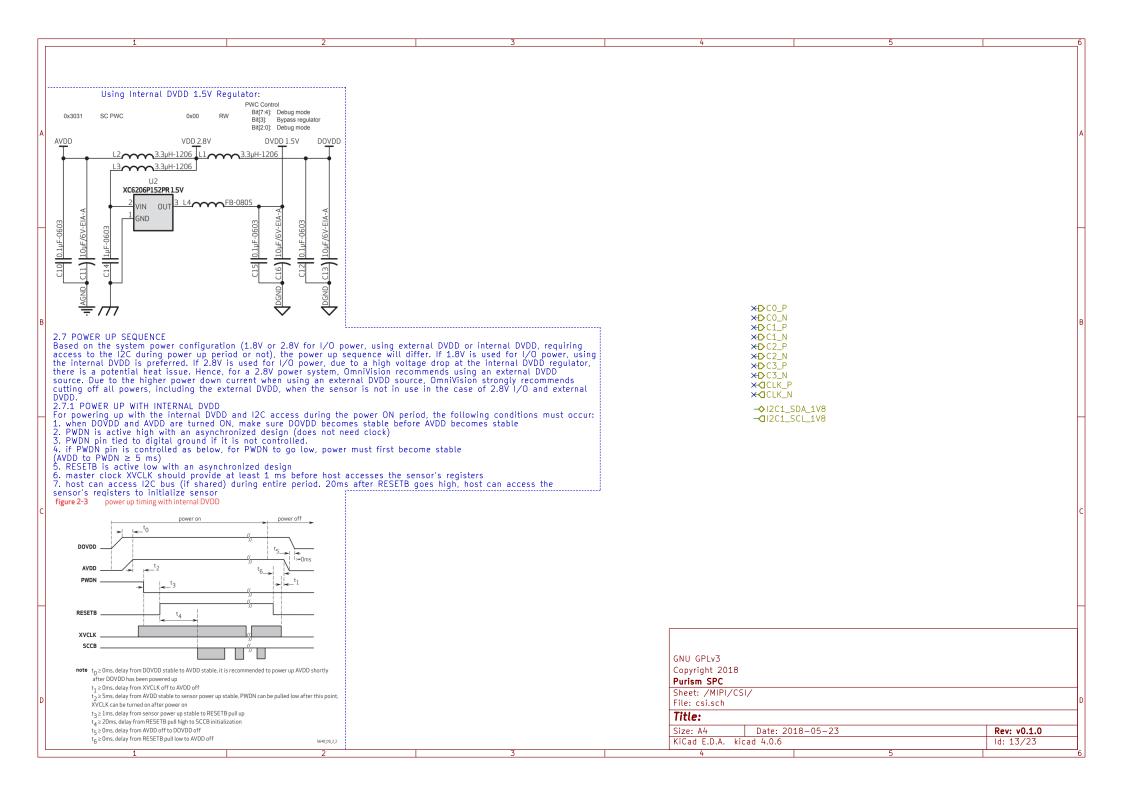


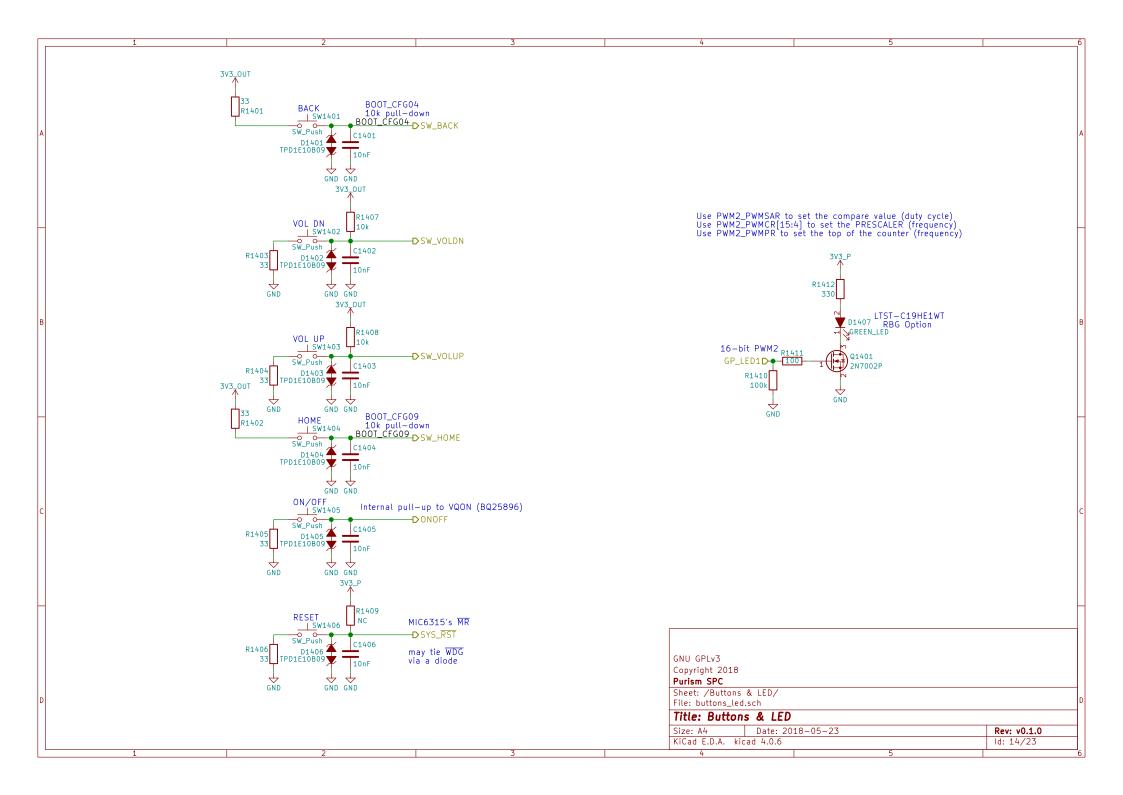


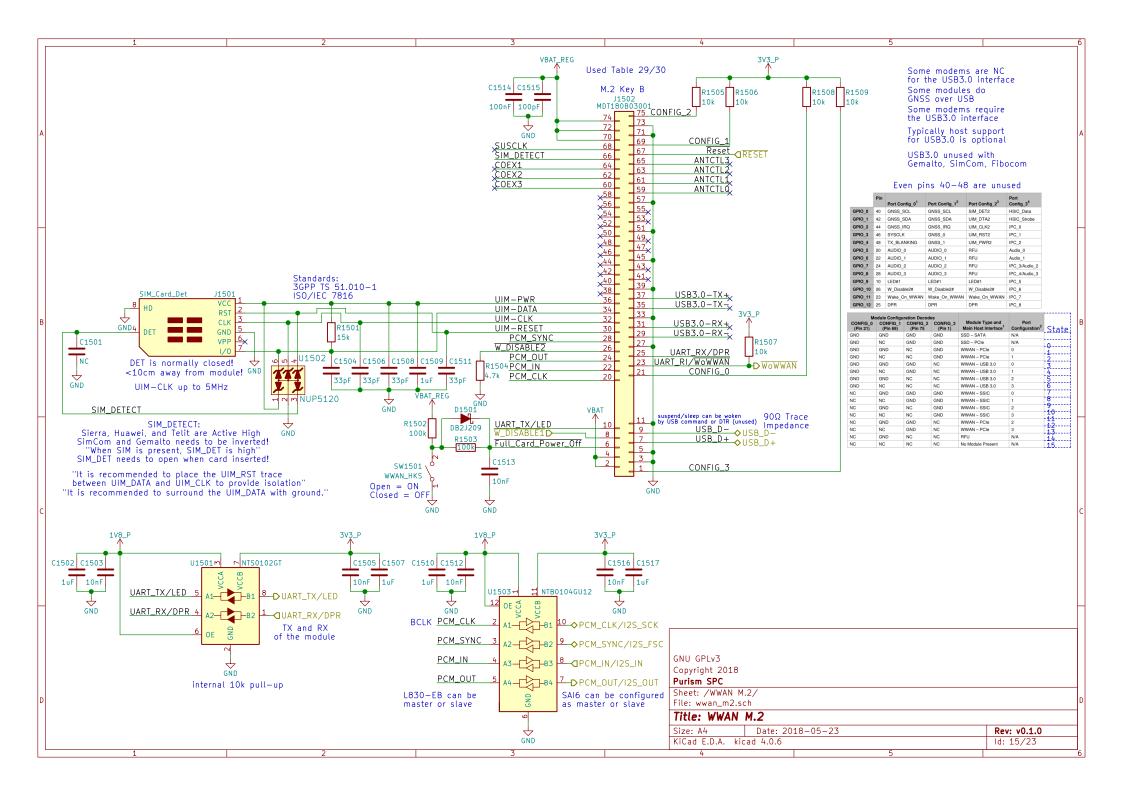


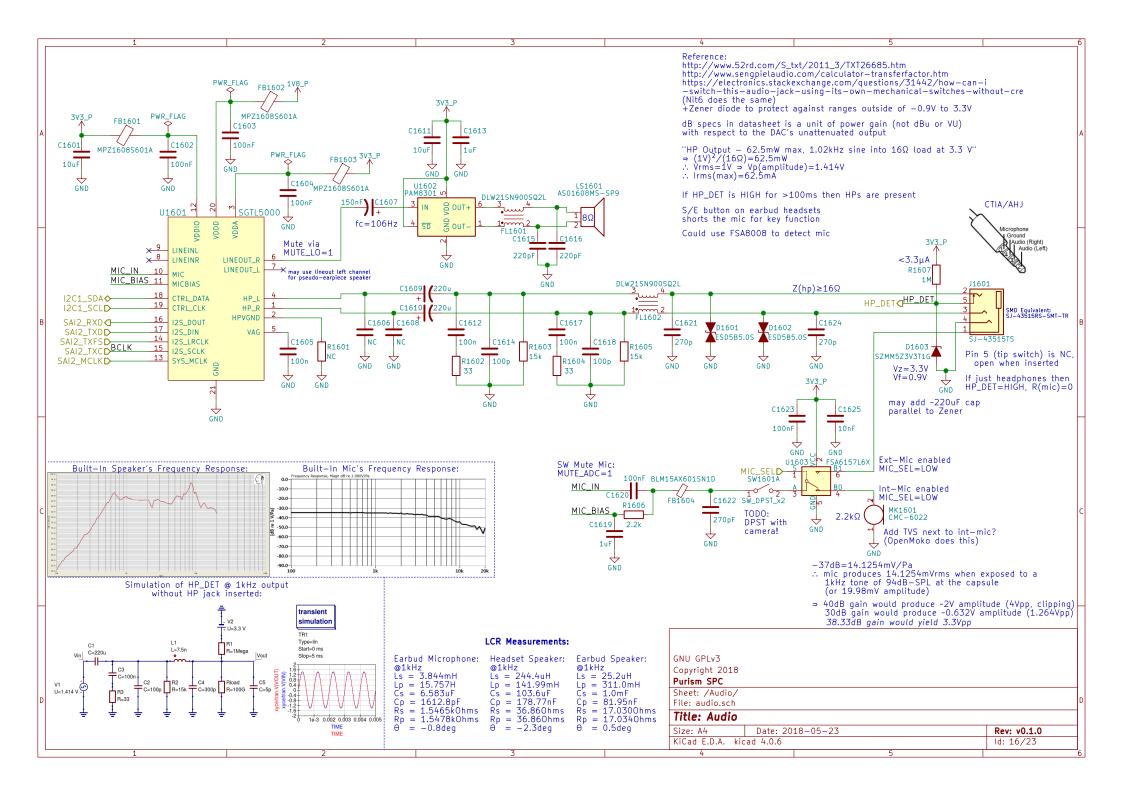


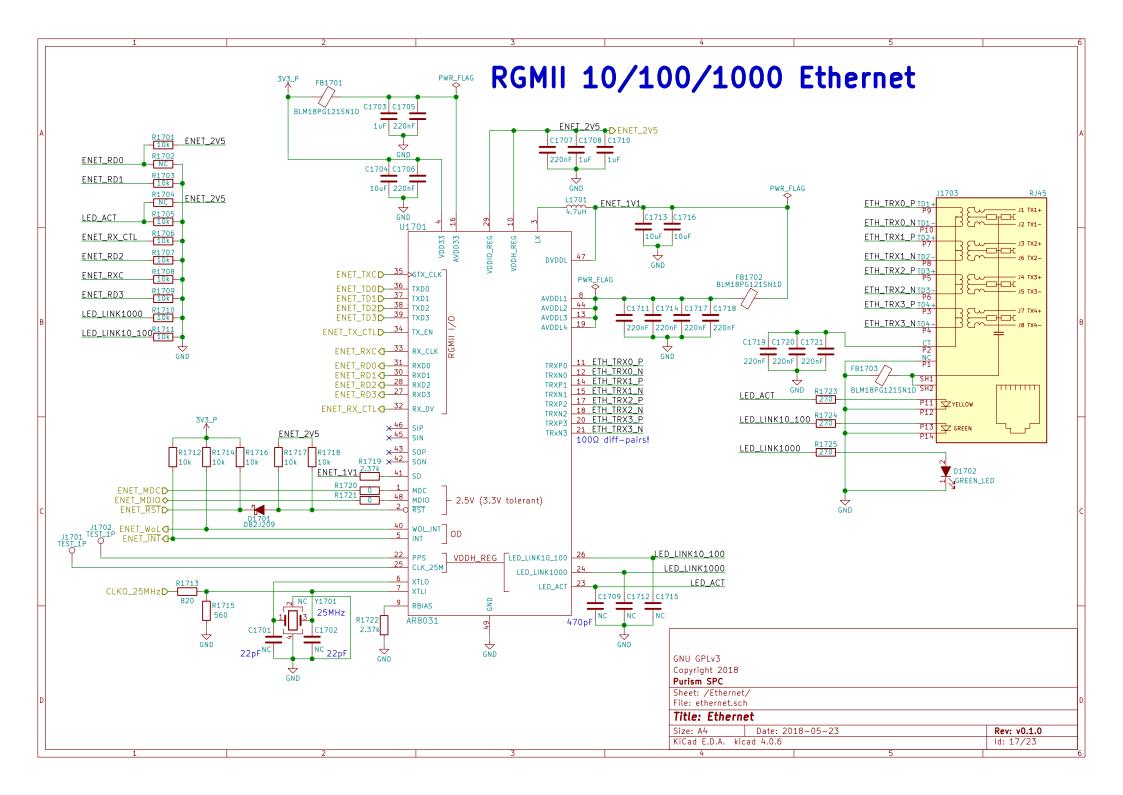


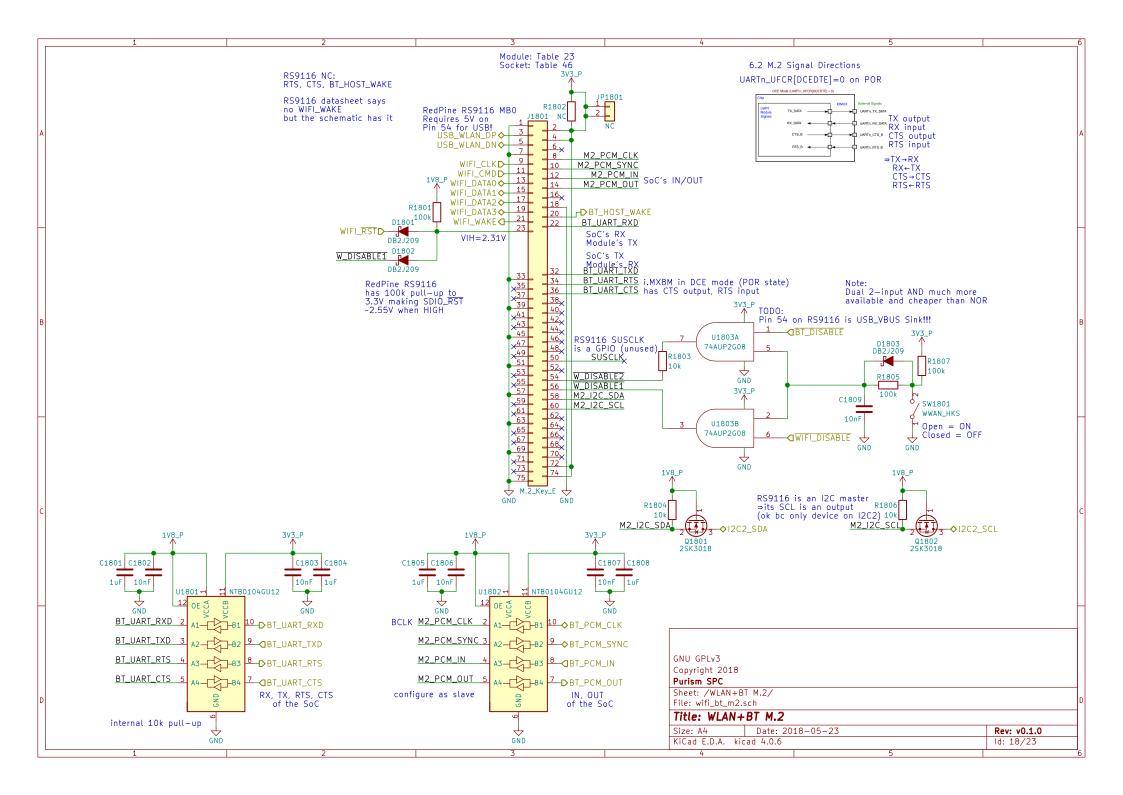


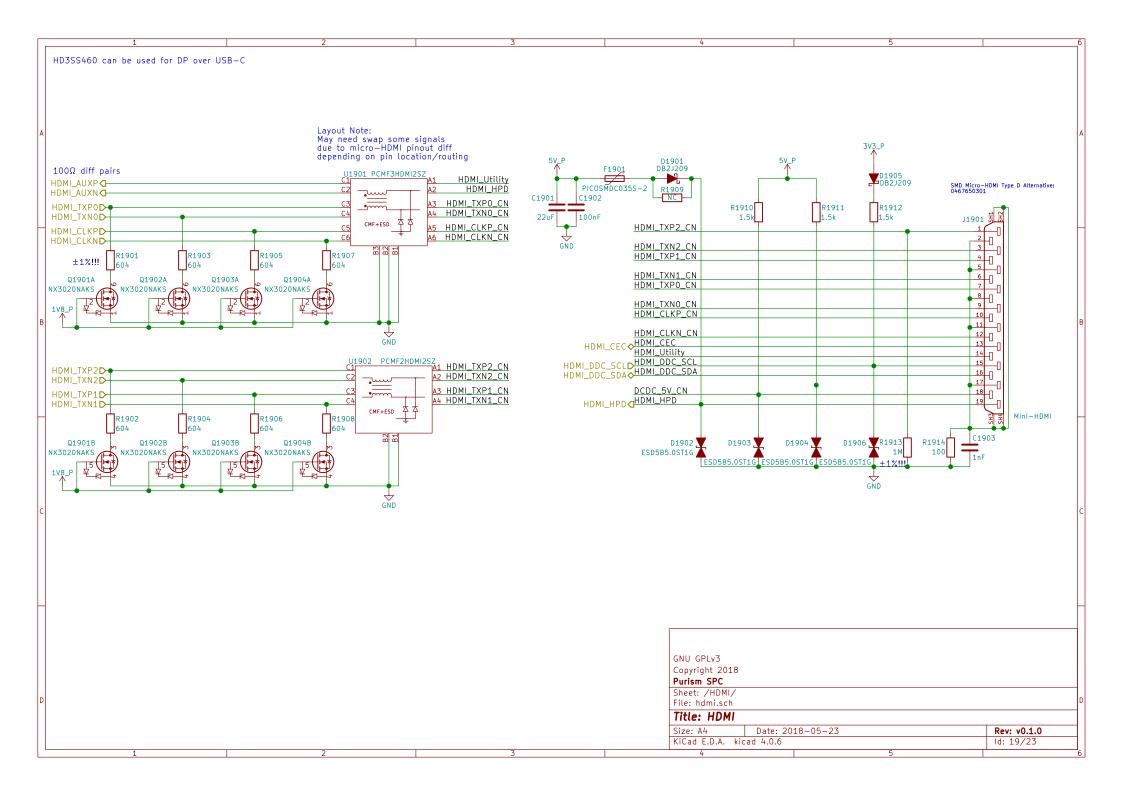




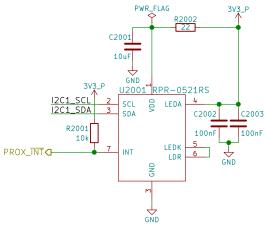




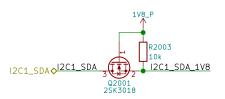




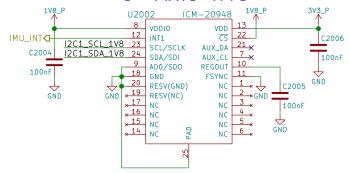
Proximity & Ambient Light



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

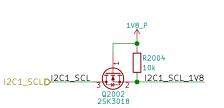




Figure 12. Orientation of Axes of Sensitivity and Polarity of Rotation



Figure 13. Orientation of Axes of Sensitivity for Magnetometer

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Sheet: /Sensors/
File: sensors.sch

 Title: Sensors

 Size: A4
 Date: 2018-05-23

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 Rev: v0.1.0

 KiCad E.D.A. kicad 4.0.6
 Id: 20/23

