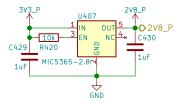


TODO: add parallel 100nF bulk caps! & spread all over the power plane

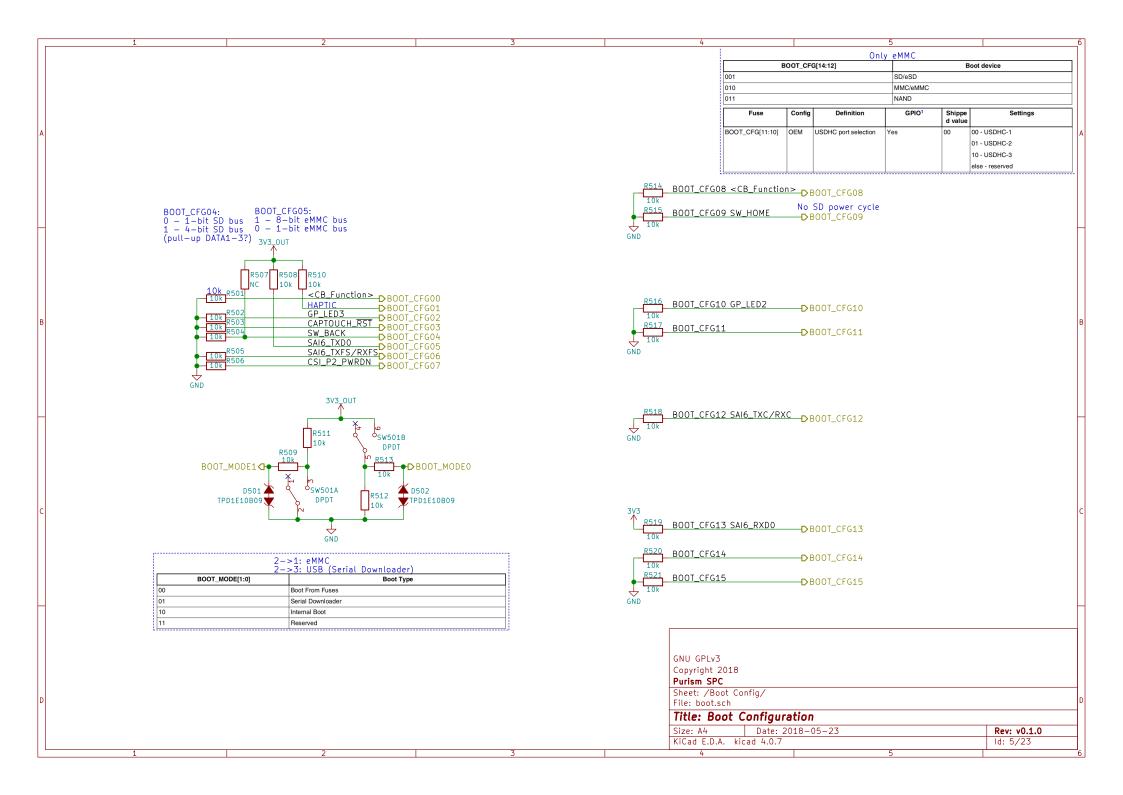


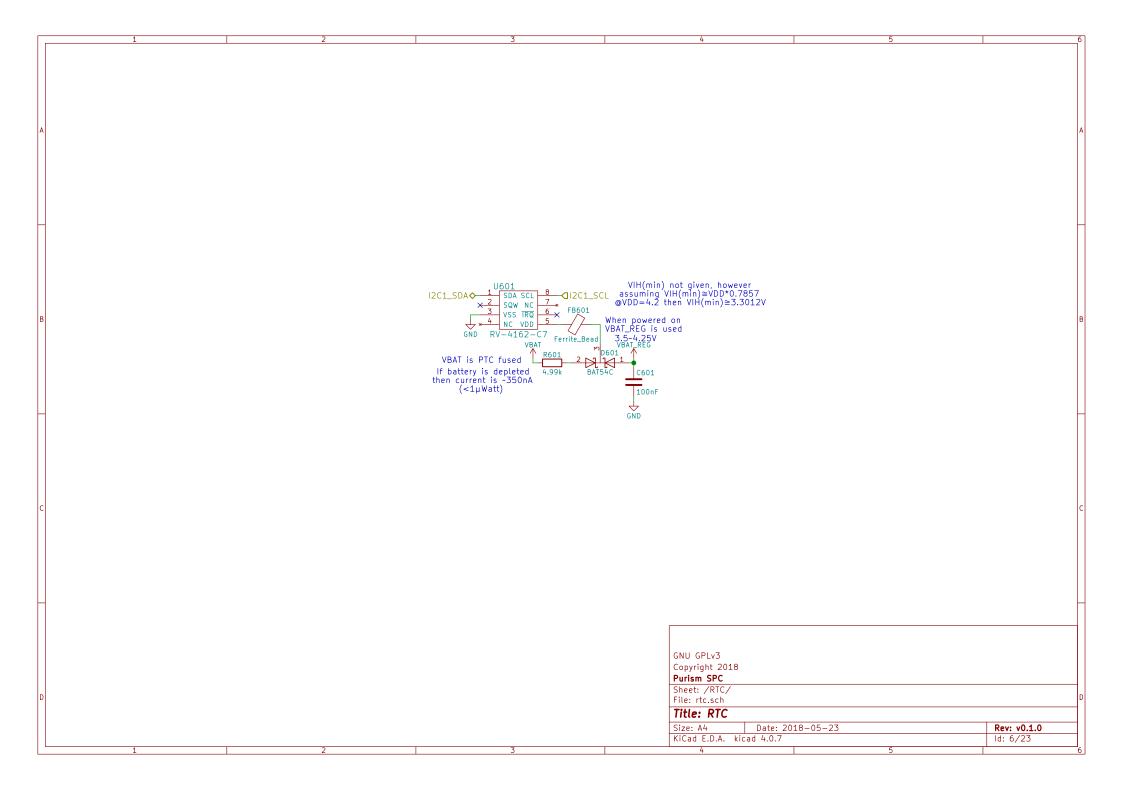
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Copyright 2018
Purism SPC
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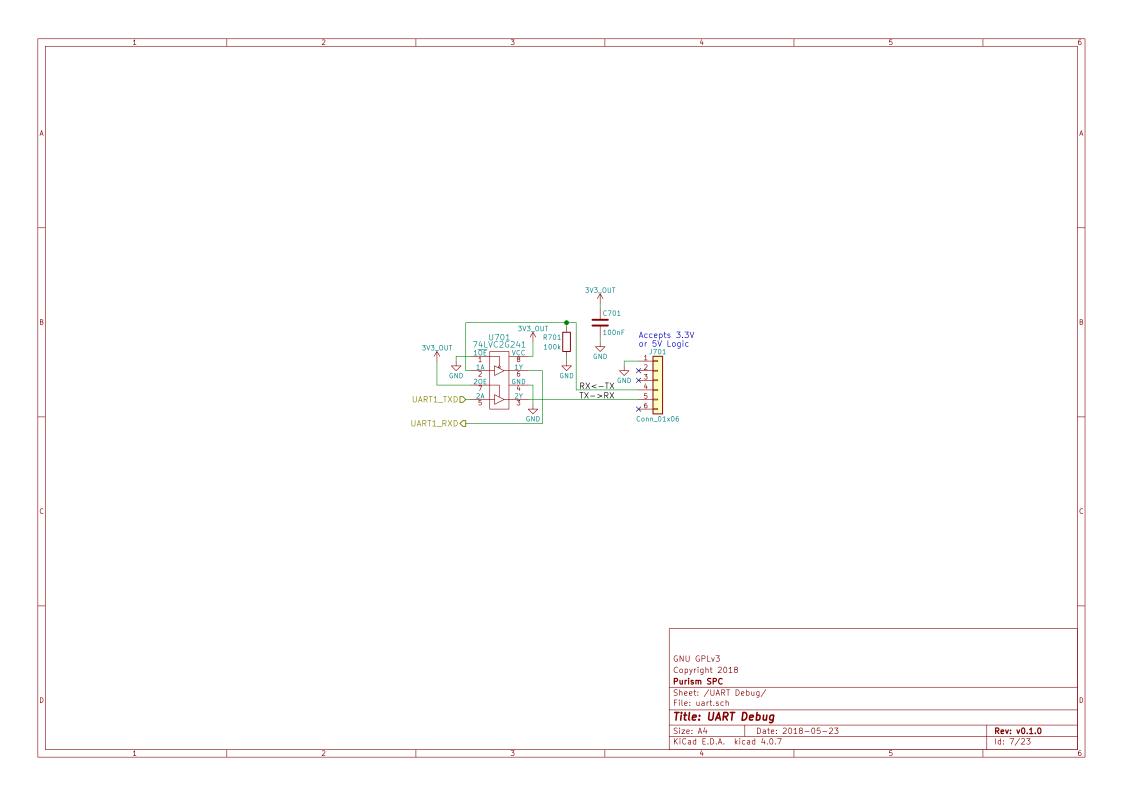
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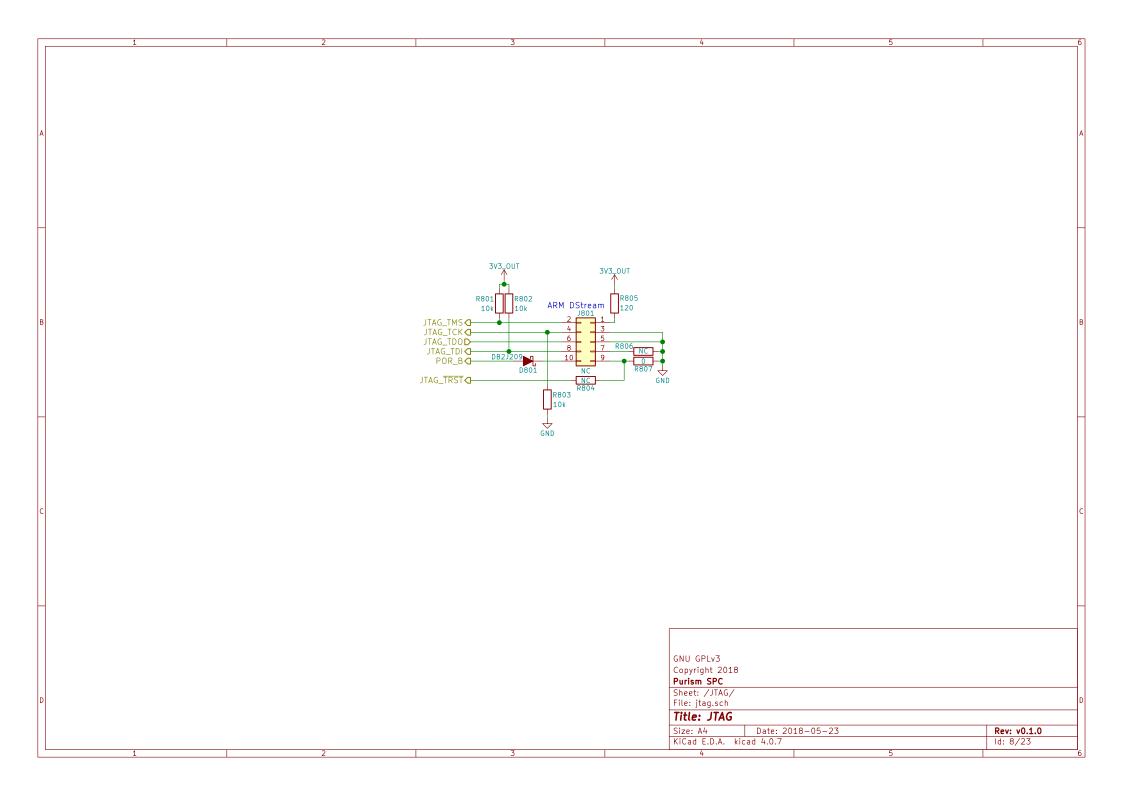
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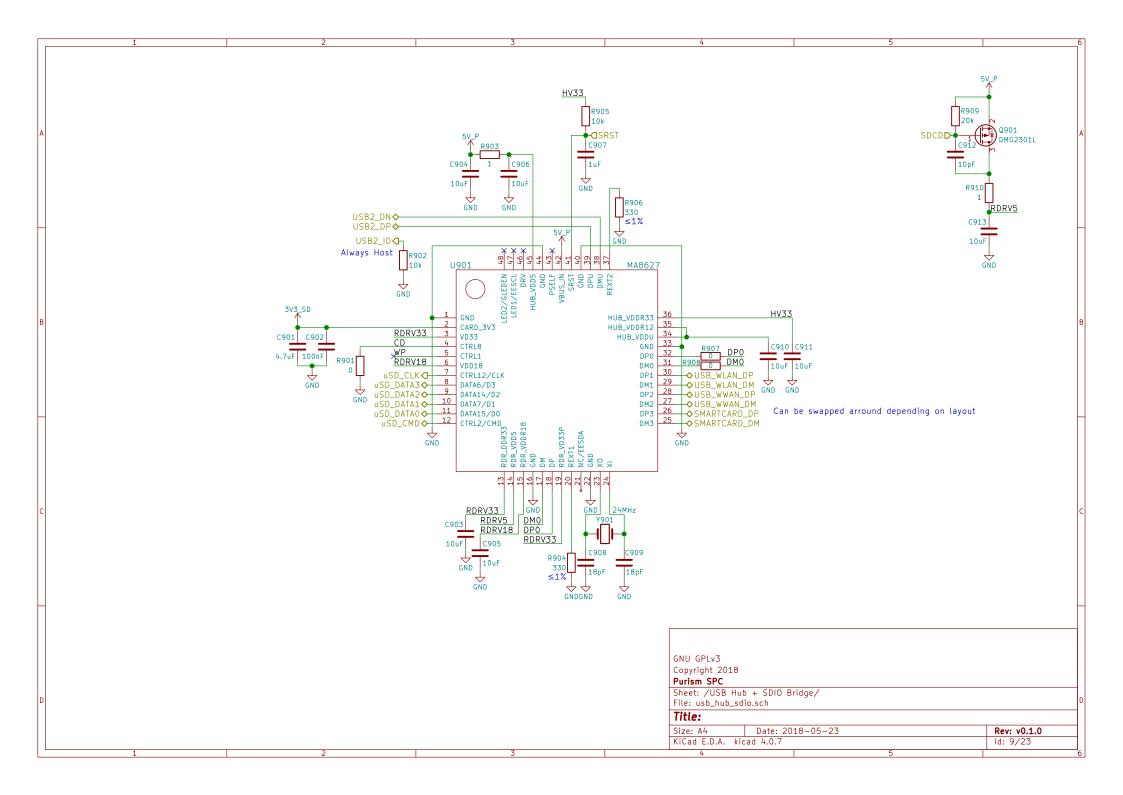
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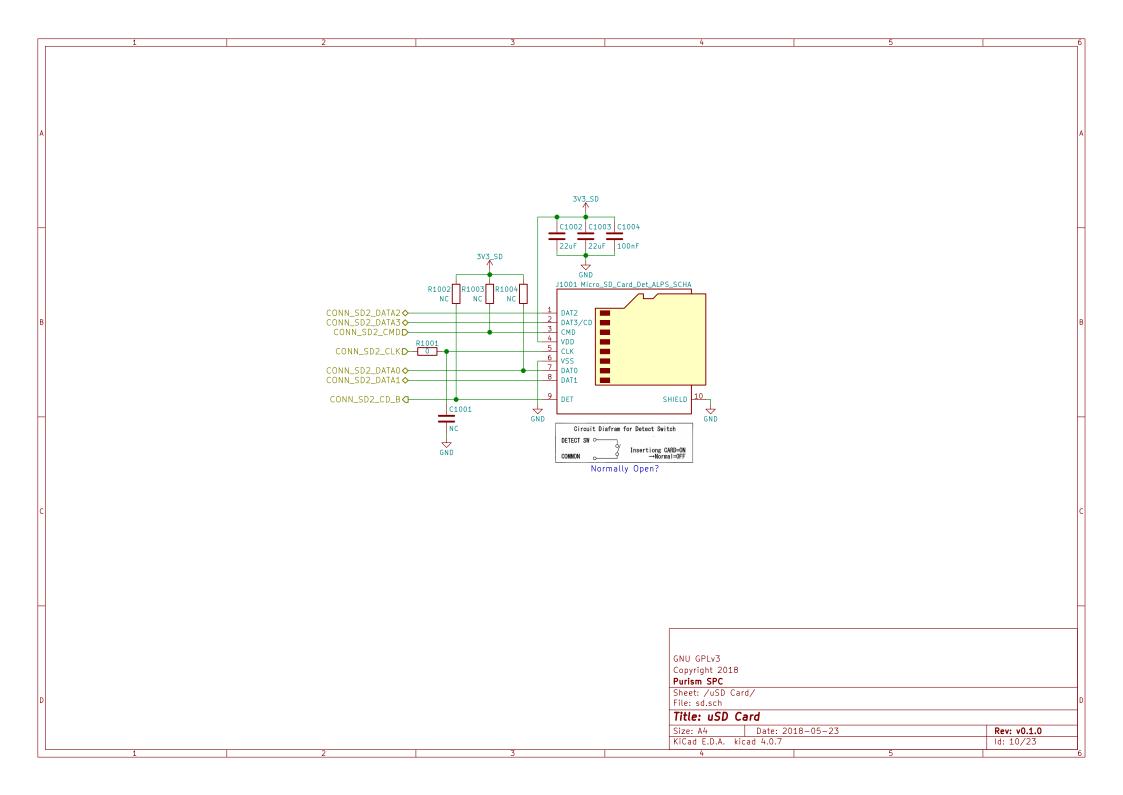


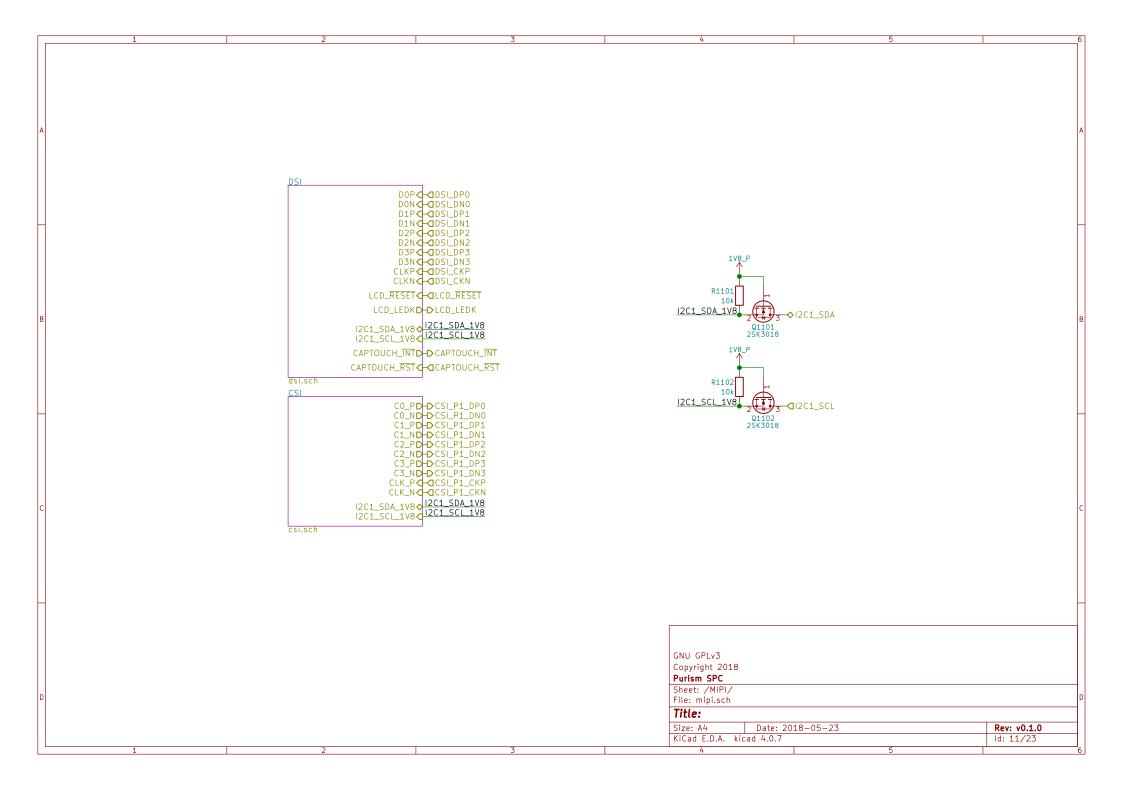


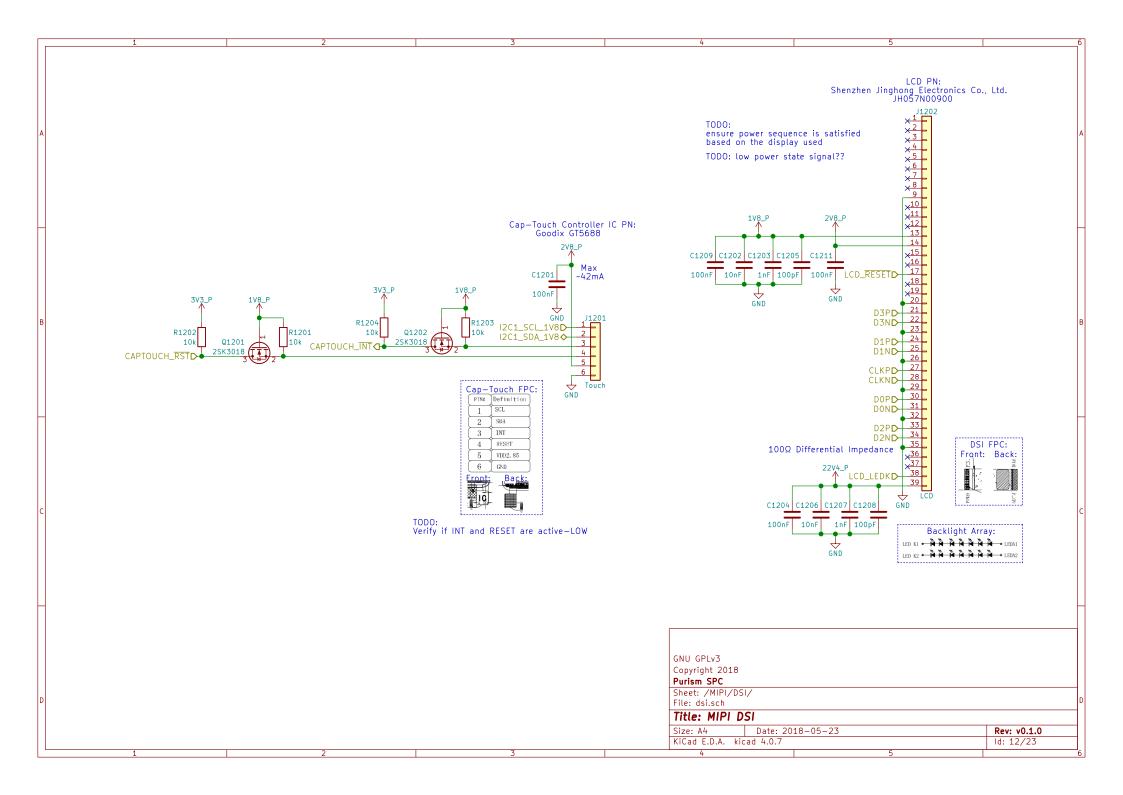


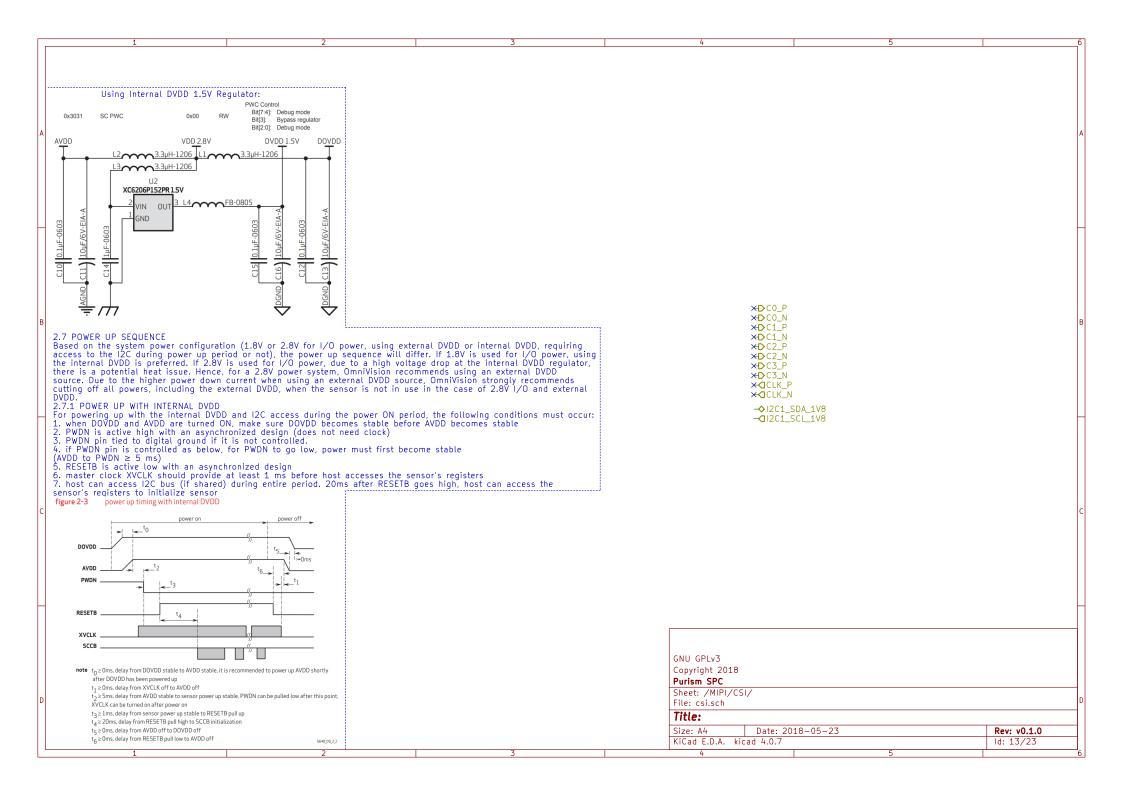


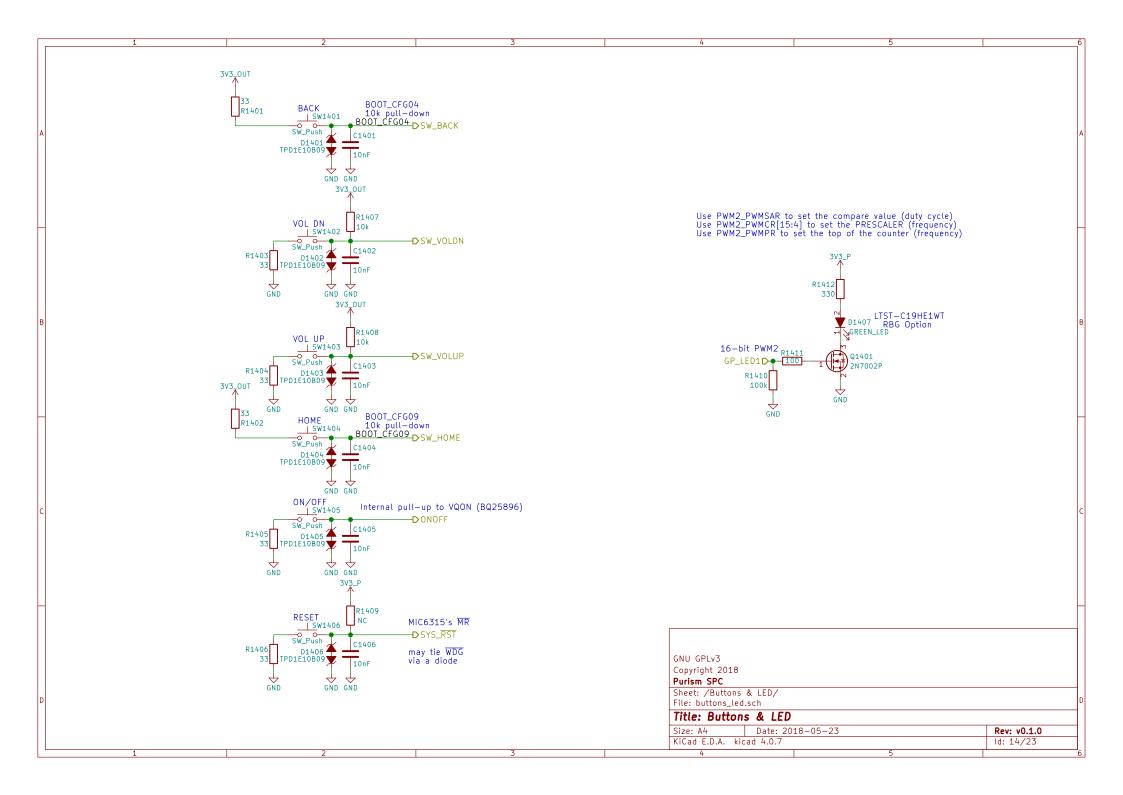


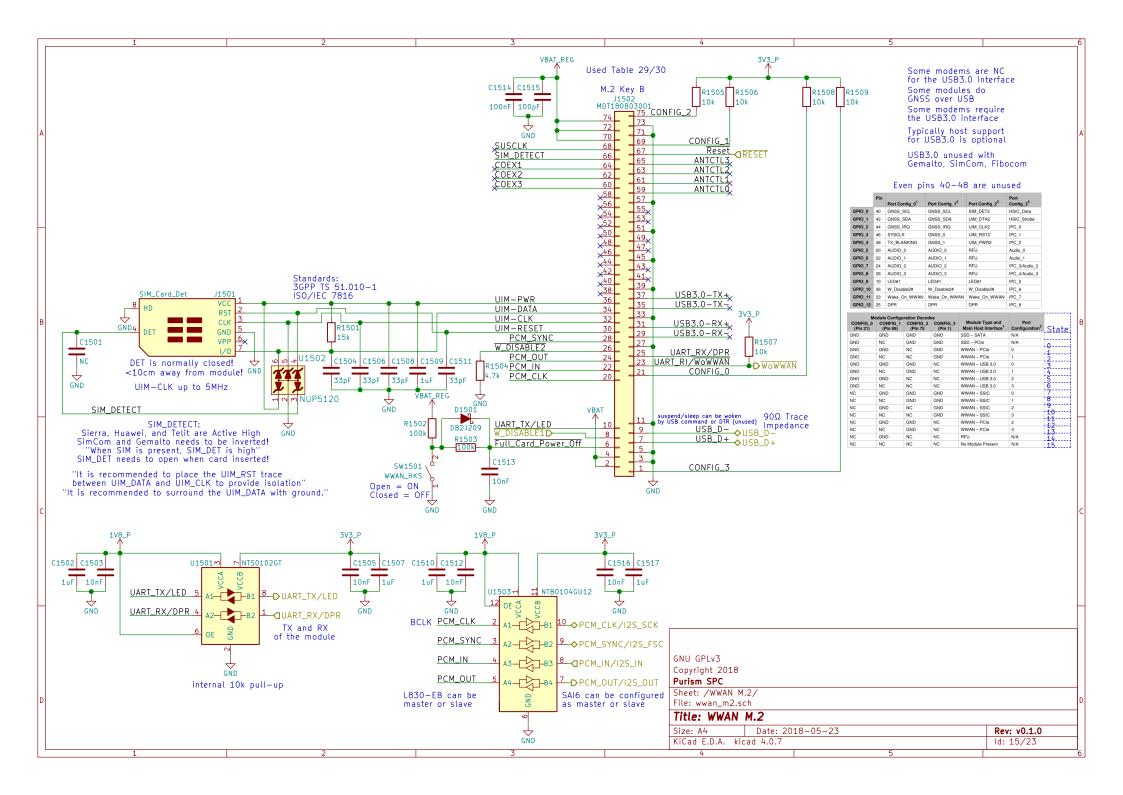


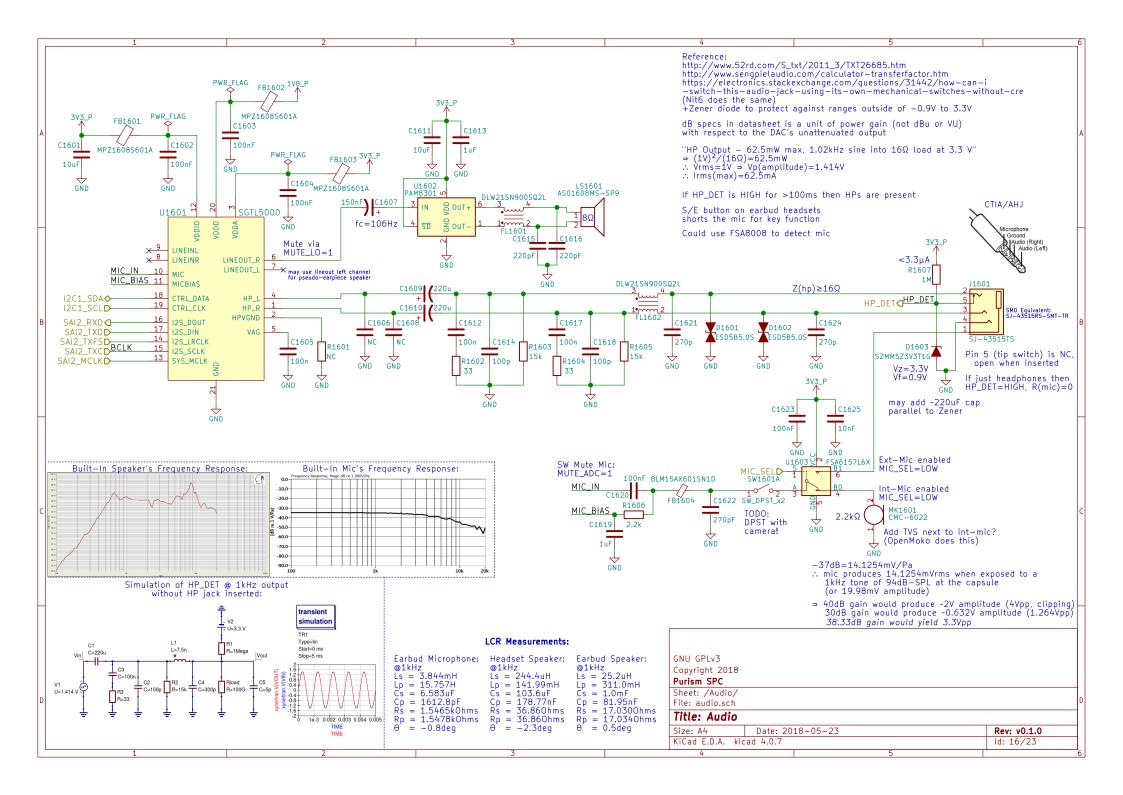


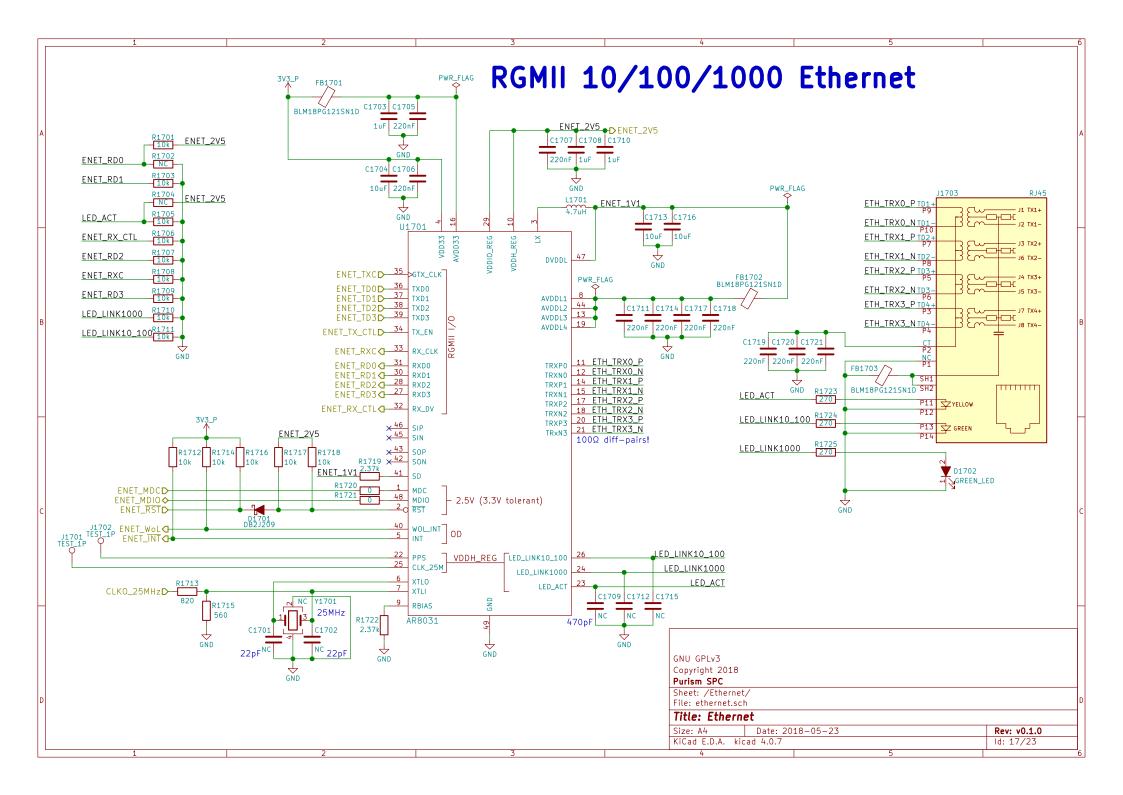


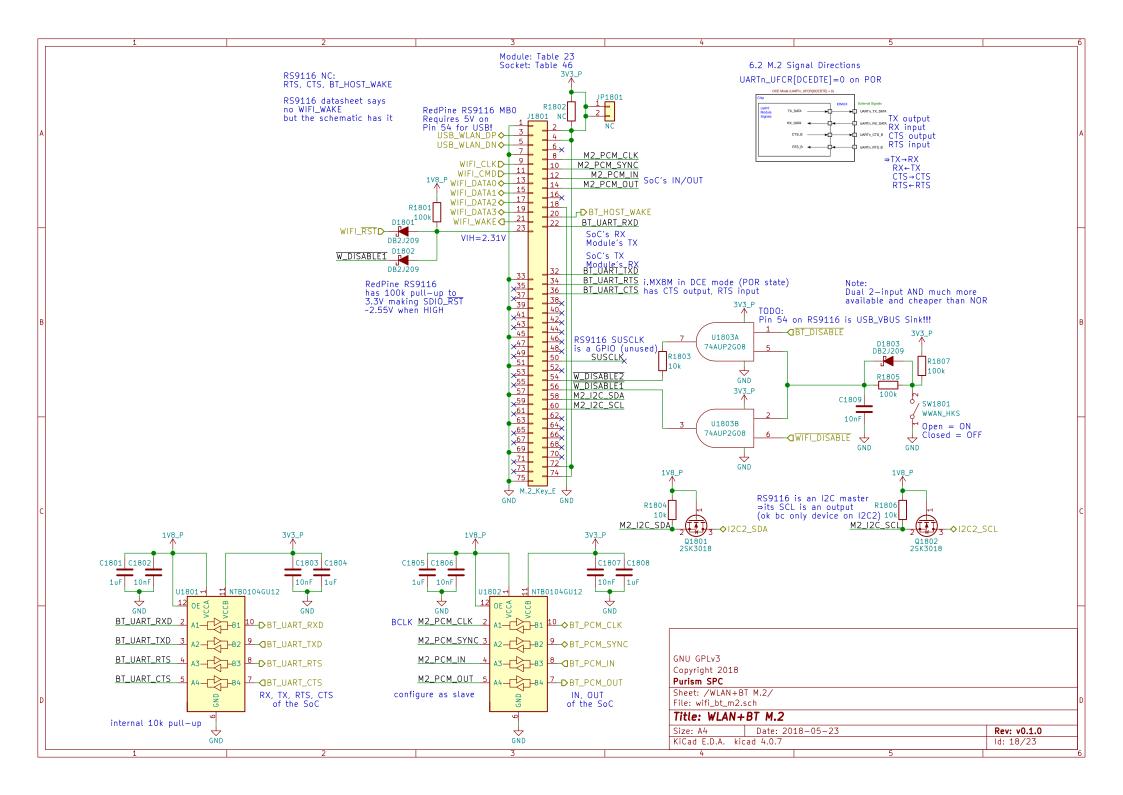


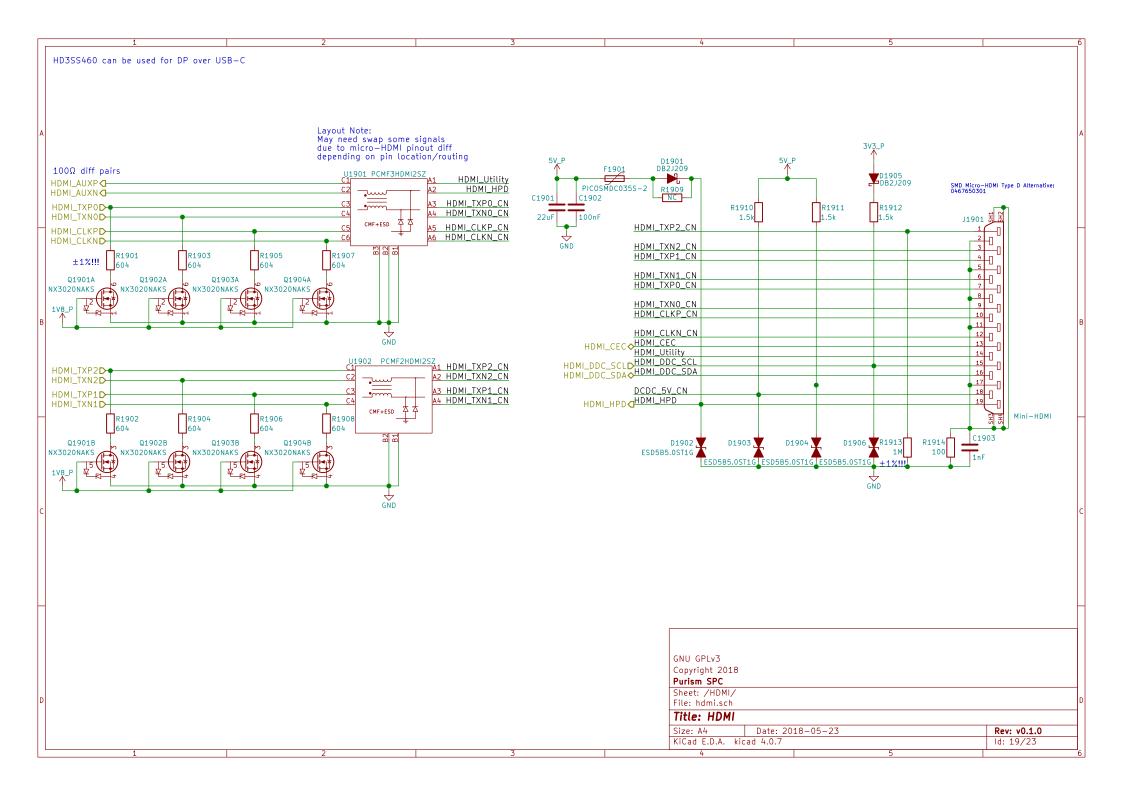




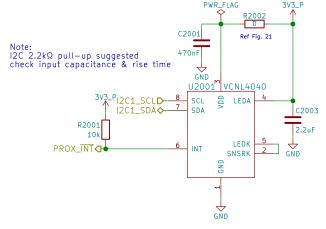






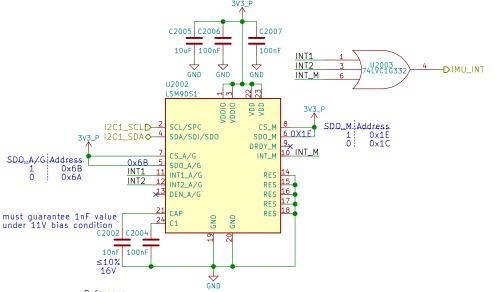


Proximity & Ambient Light

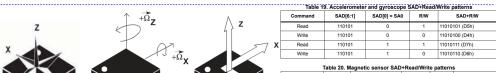


https://www.vishay.com/docs/84307/designingvcnl4040.pdf http://www.vishay.com/docs/84931/vcnl4040sensorboardfiles.pdf

9-Axis IMU



http://www.st.com/en/evaluation-tools/steval-mki159v1.html



Command	SAD[6:2]	SAD[1] = SDO/SA1	SAD[0]	R/W	SAD+R/W
Read	00111	0	0	1	00111001 (39h)
Write	00111	0	0	0	00111000 (38h)
Read	00111	1	0	1	00111101 (3Dh)
Write	00111	1	0	0	00111100 (3Ch)

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Sheet: /Sensors/ File: sensors.sch

Title: Sensors Size: A4 Date: 2018-05-23 Rev: v0.1.0 KiCad E.D.A. kicad 4.0.7

ld: 20/23

