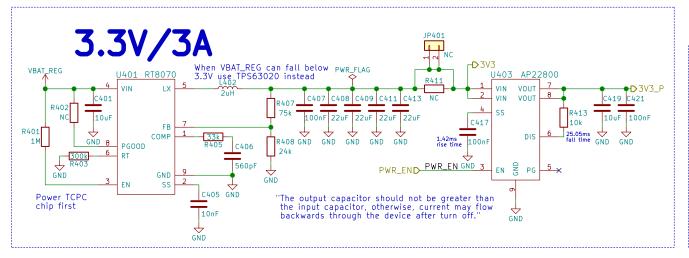
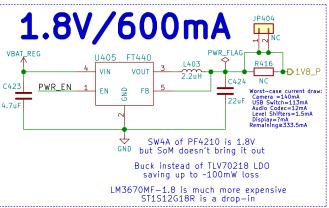
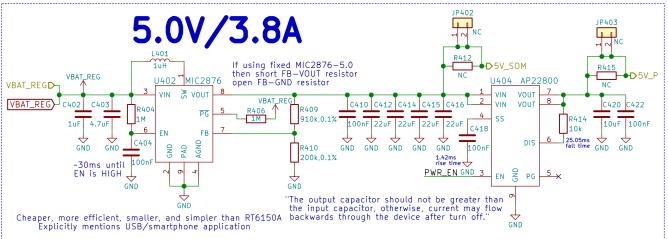


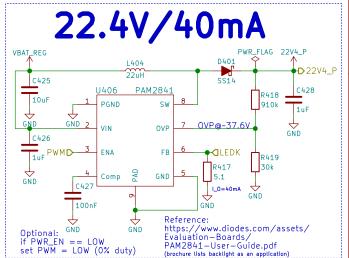
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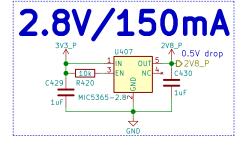


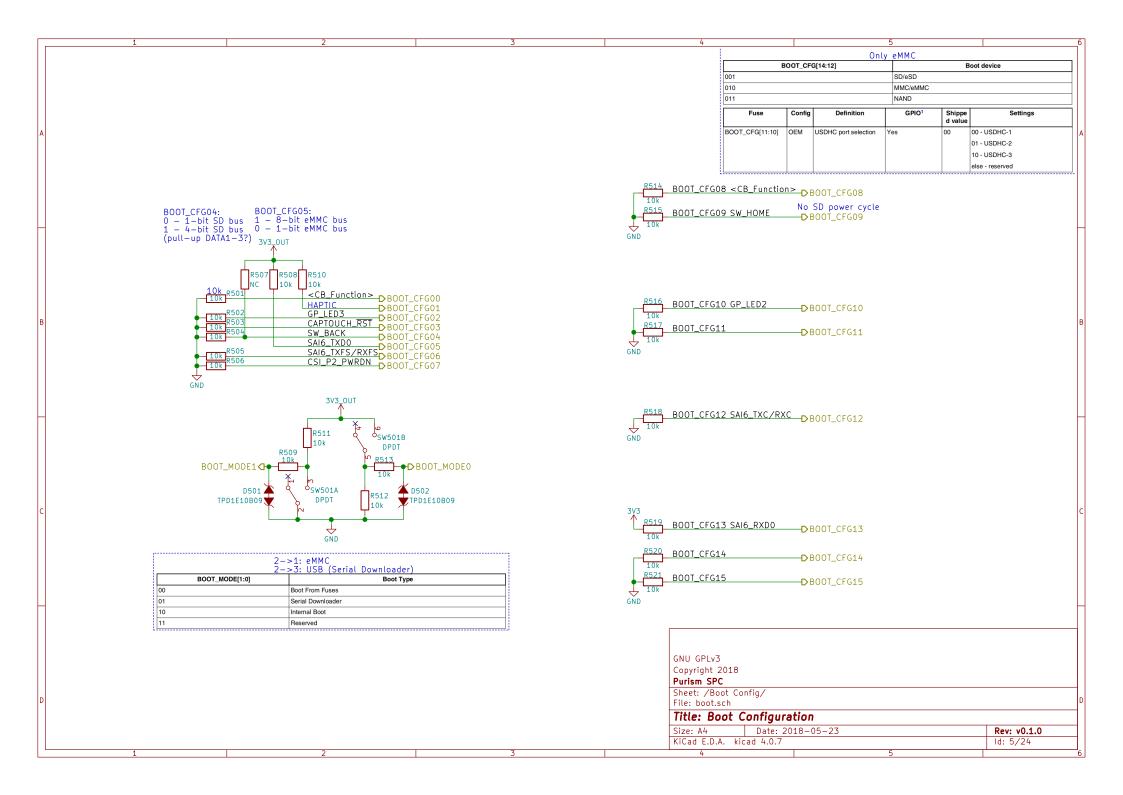


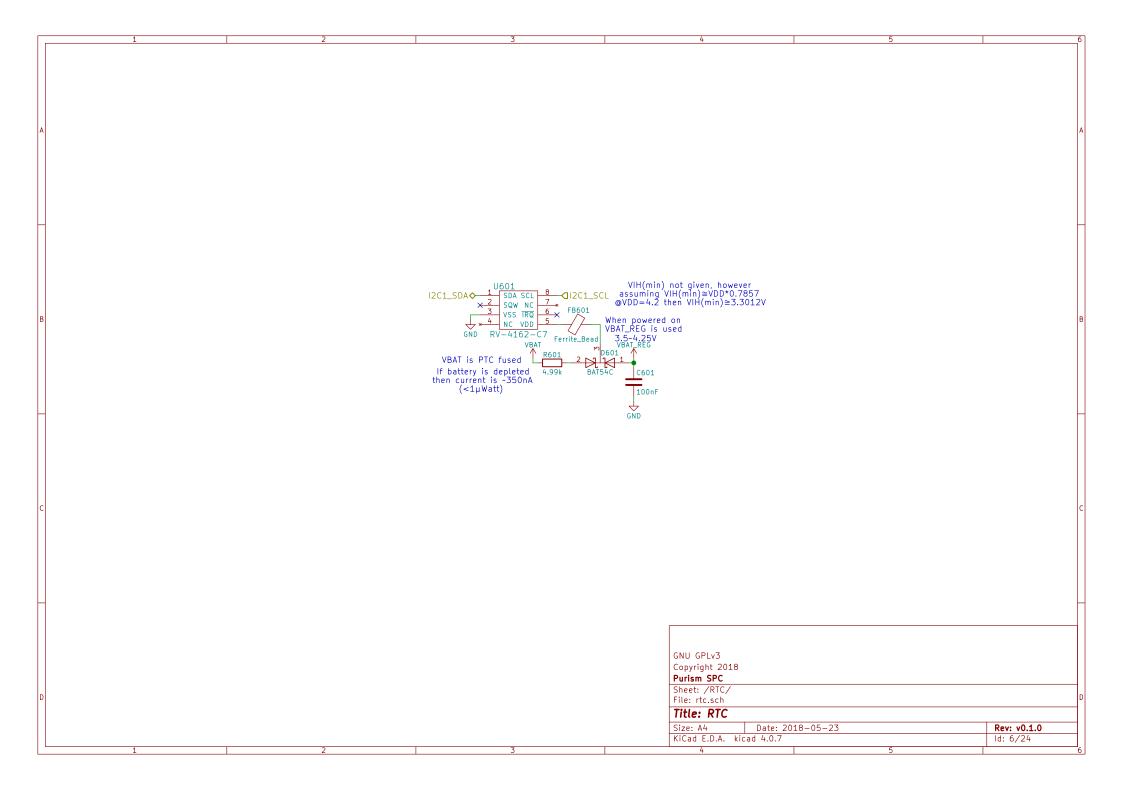


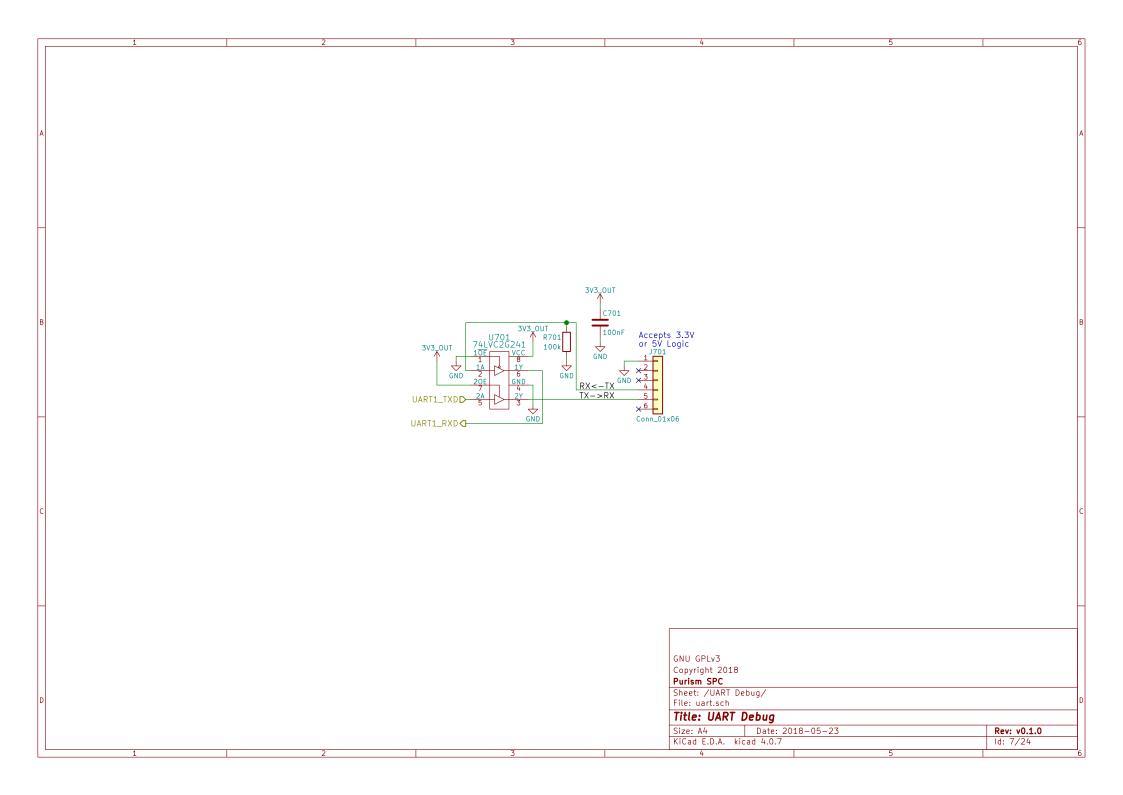


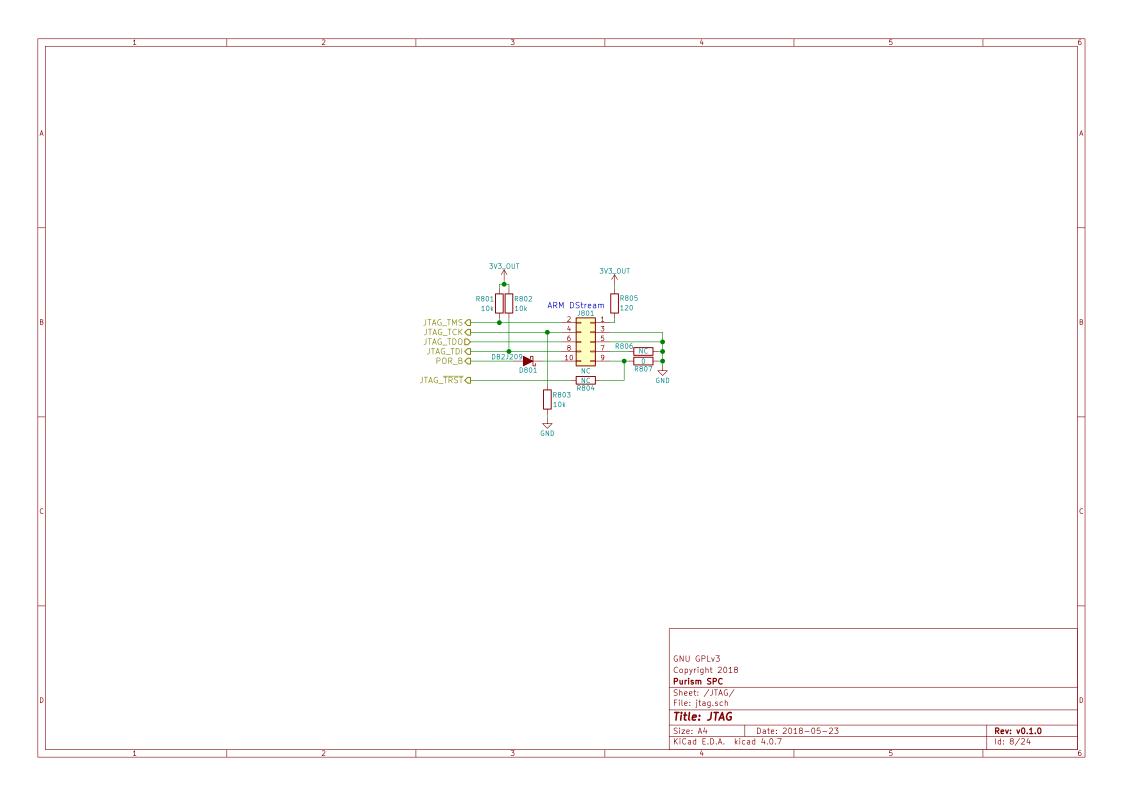
TODO: add parallel 100nF bulk caps! & spread all over the power plane

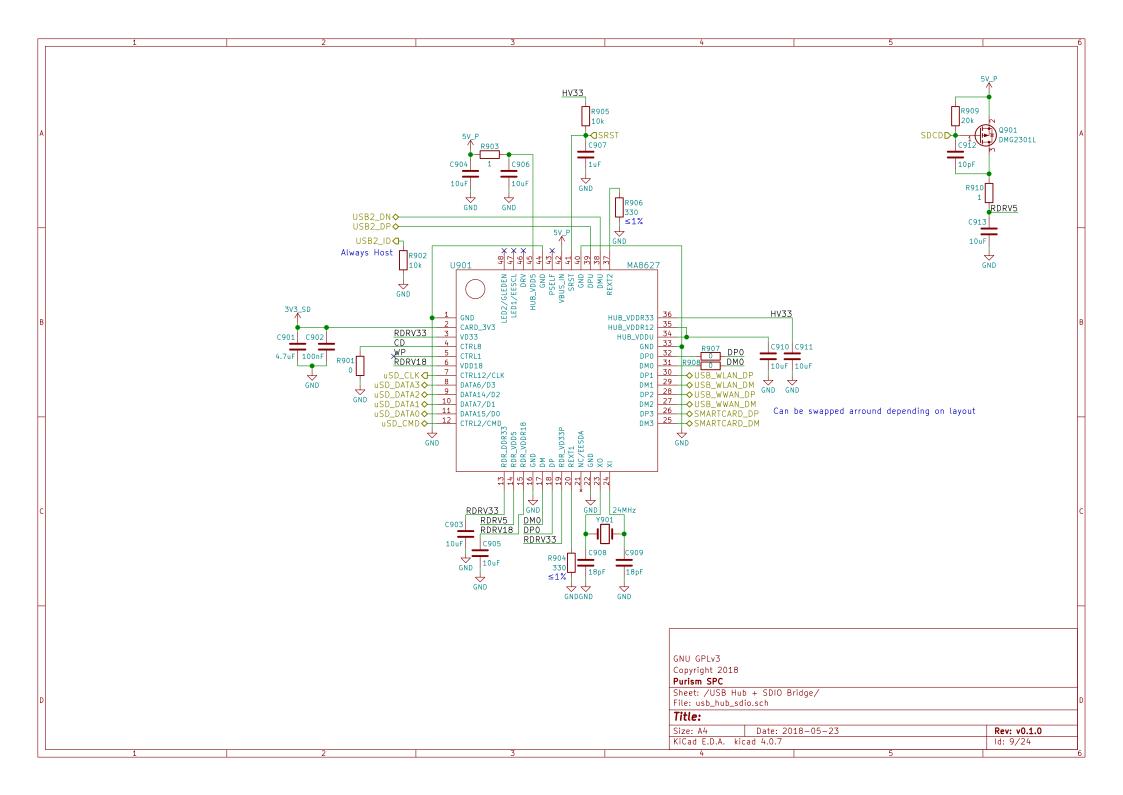


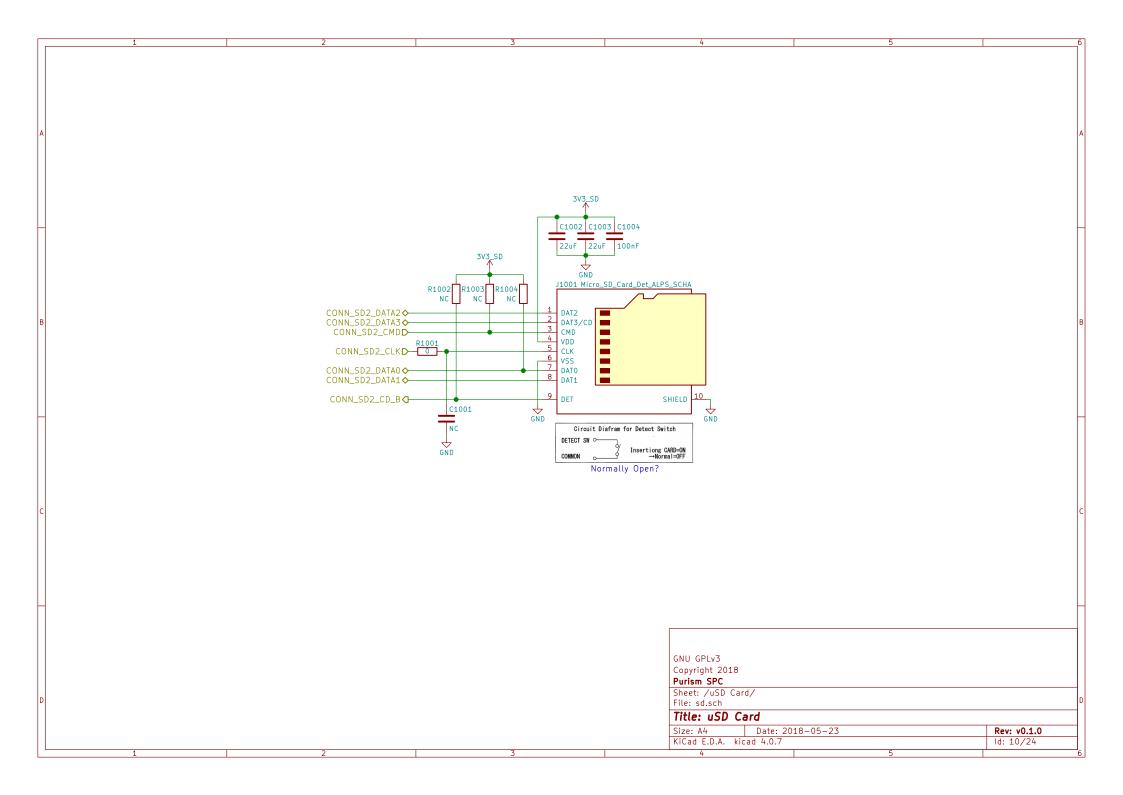


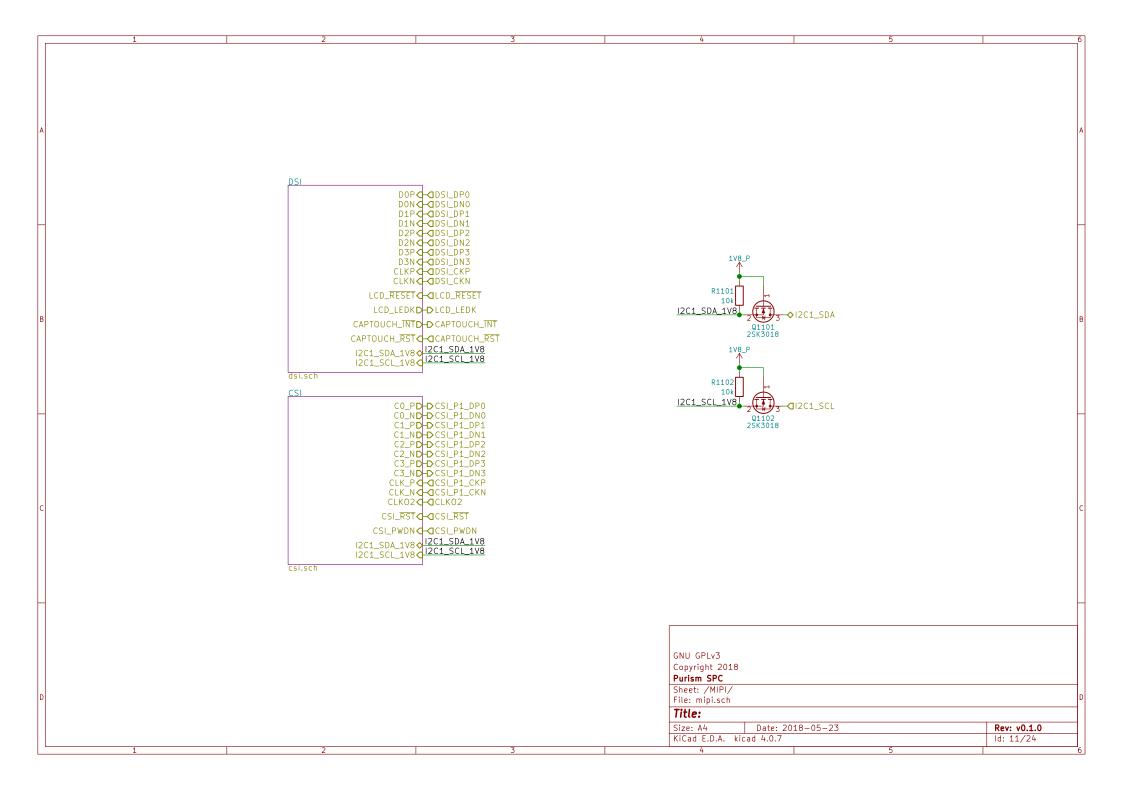


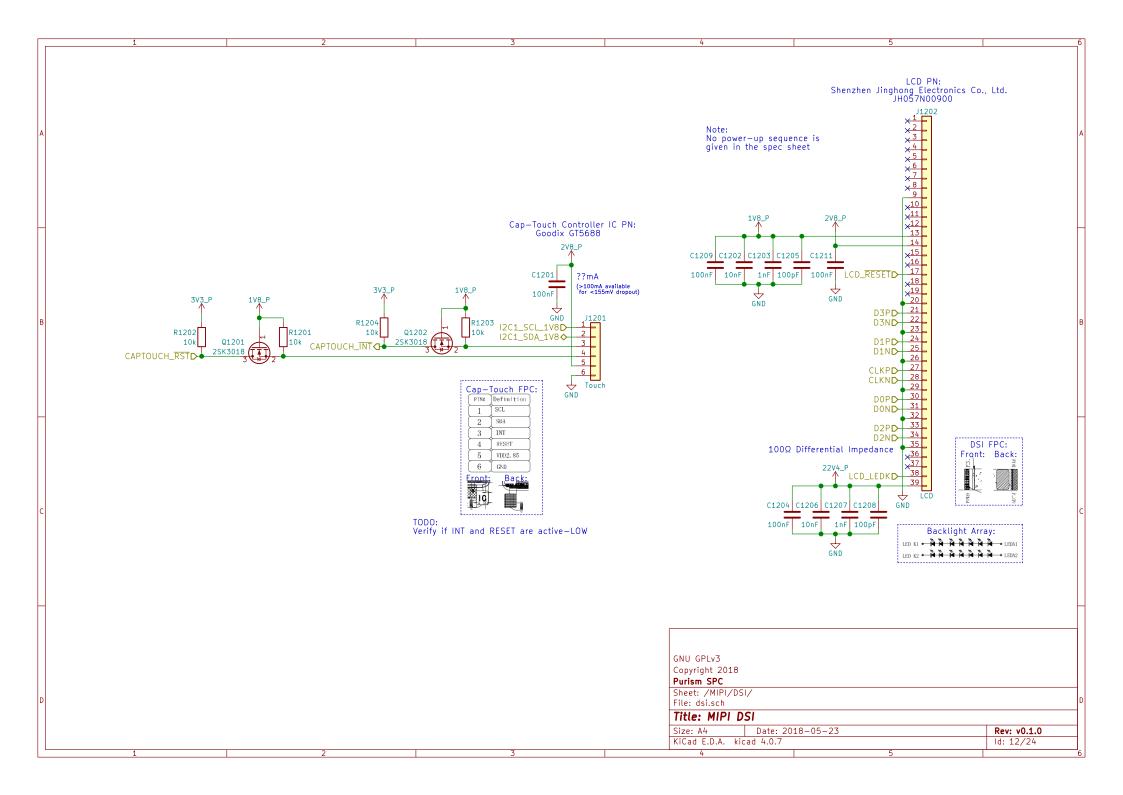


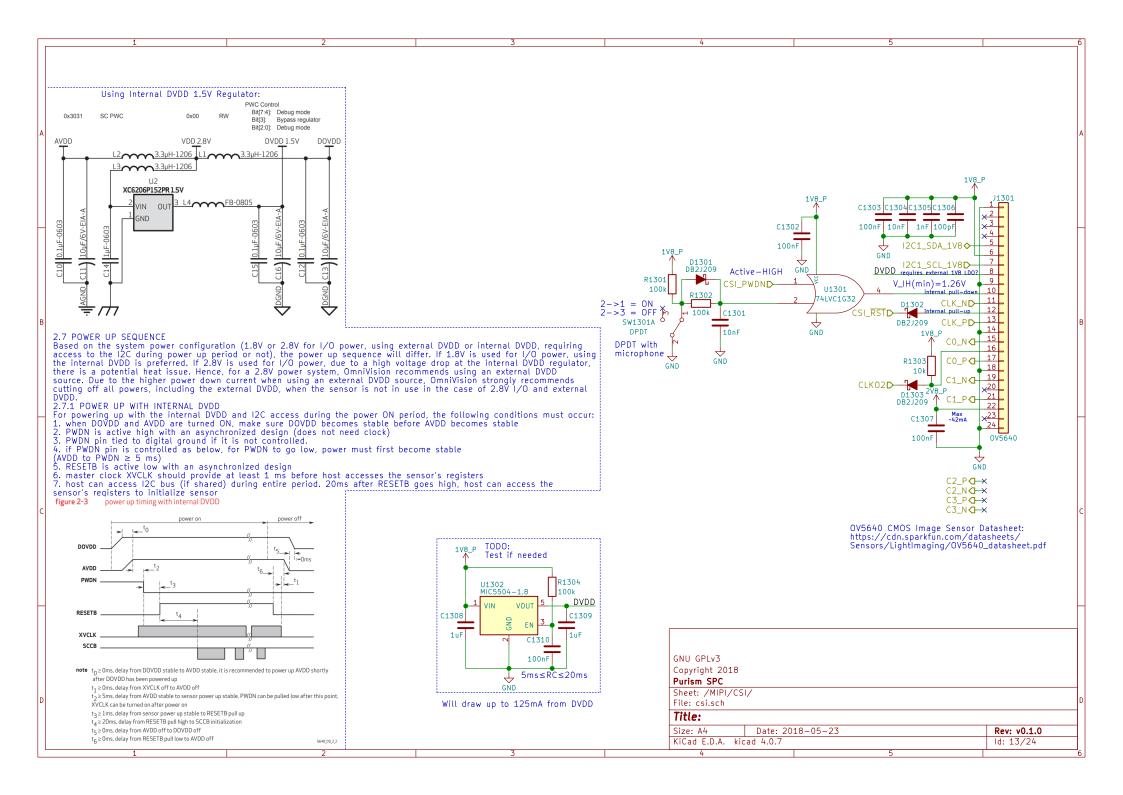


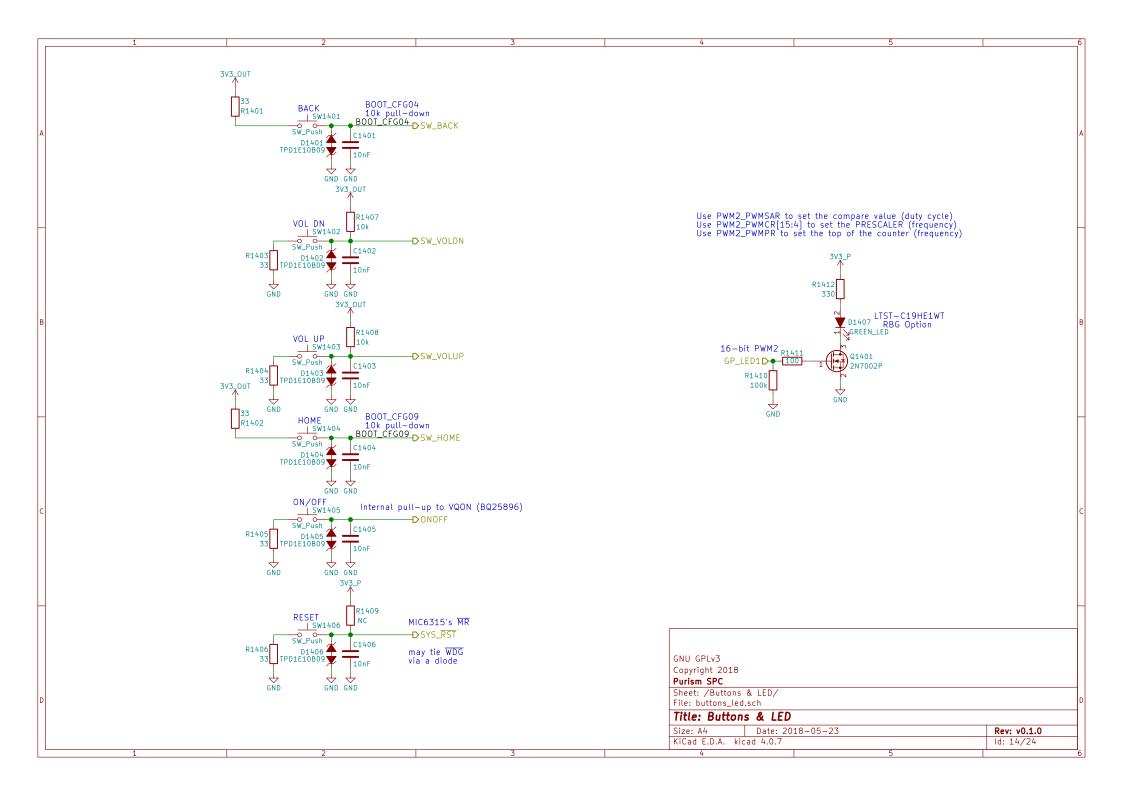


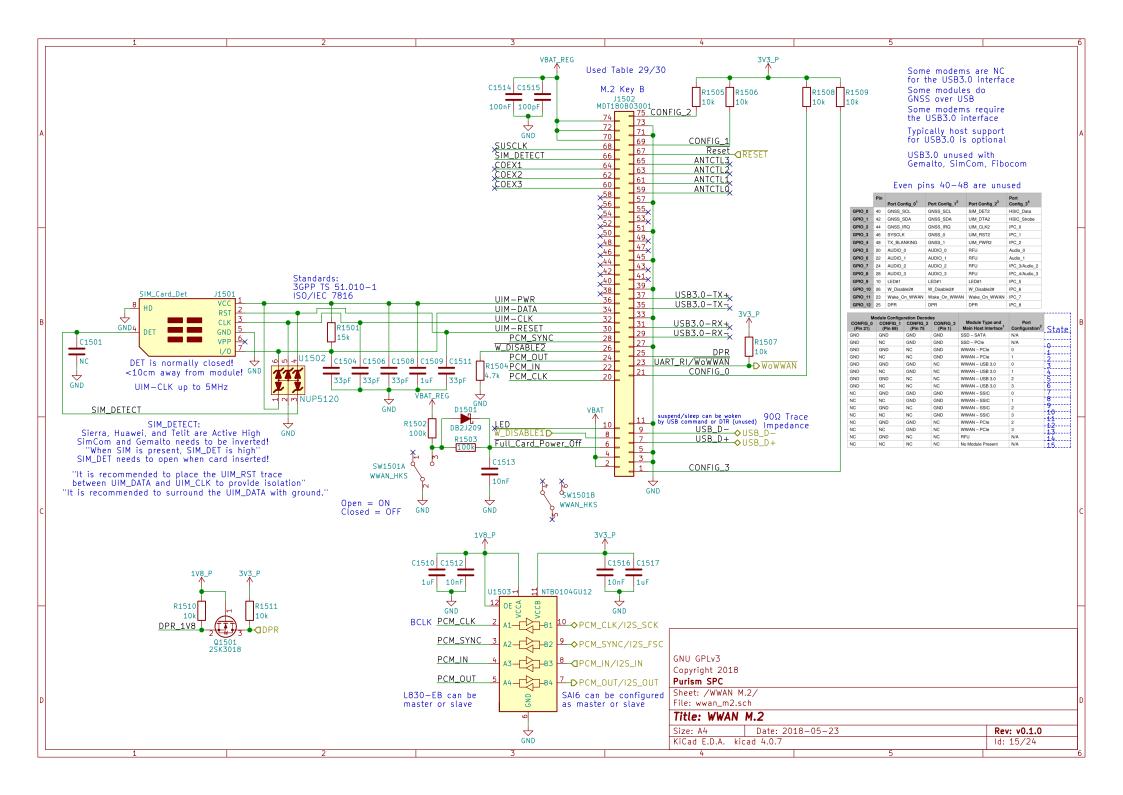


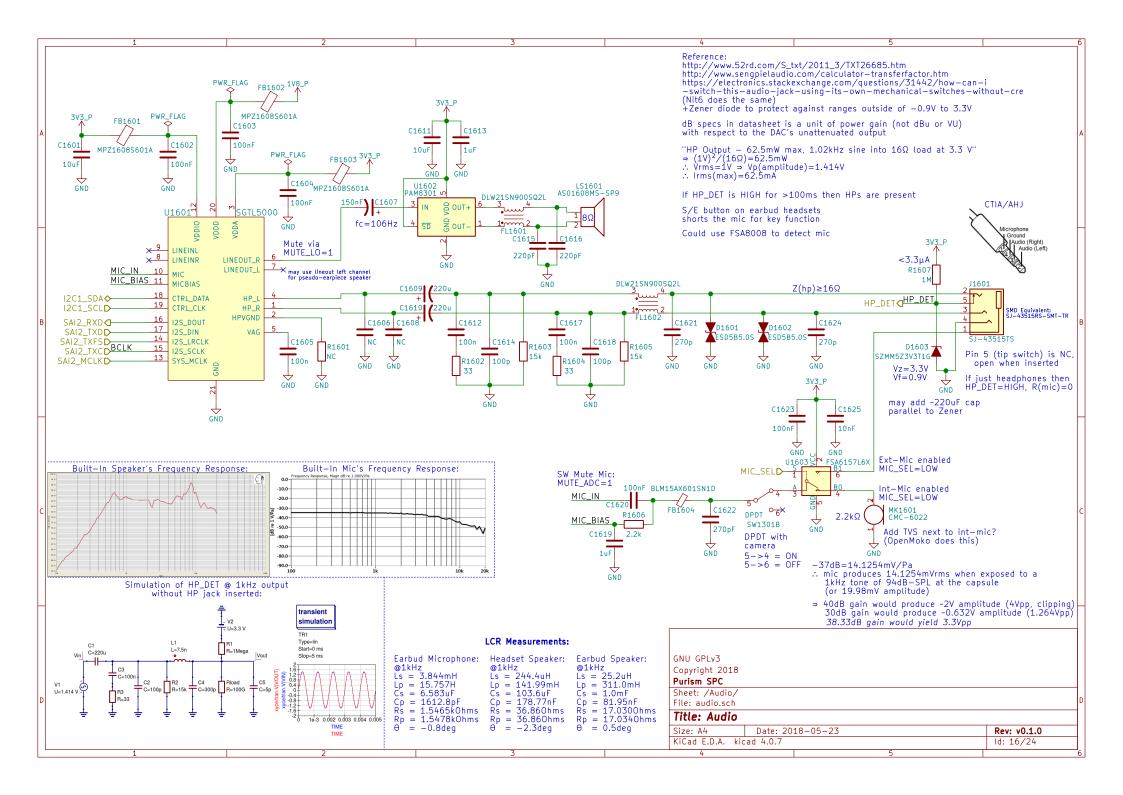


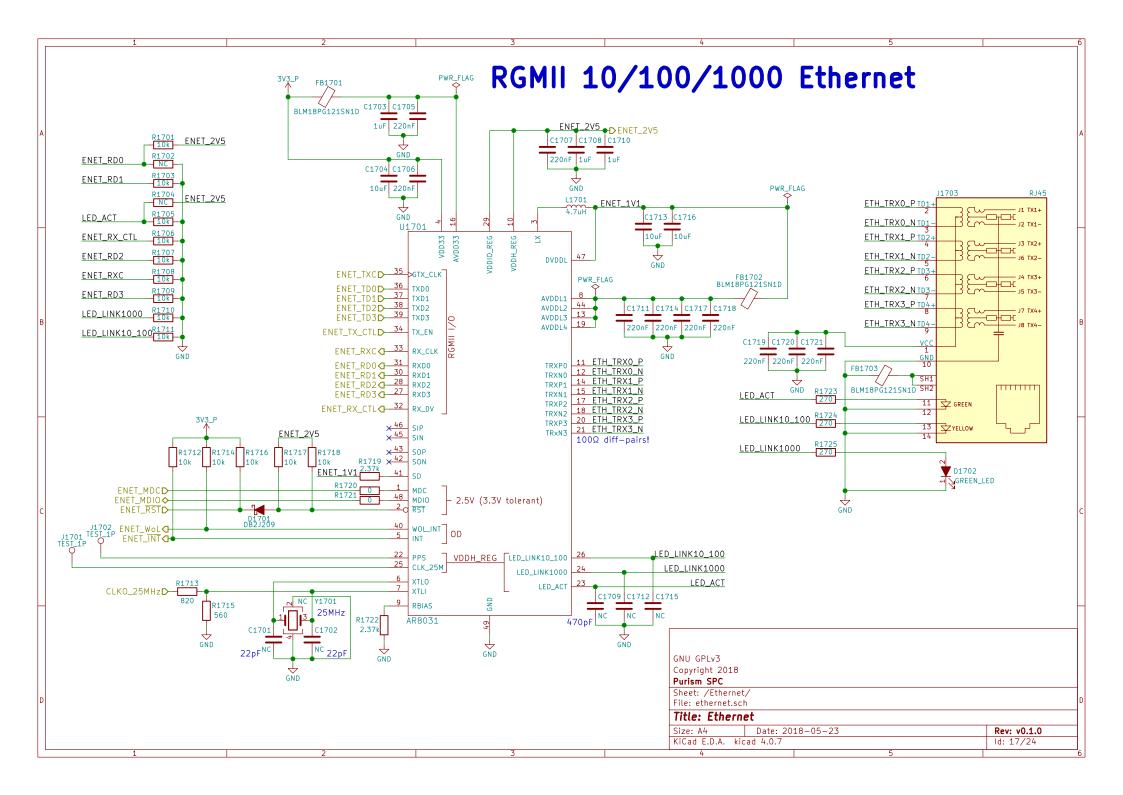


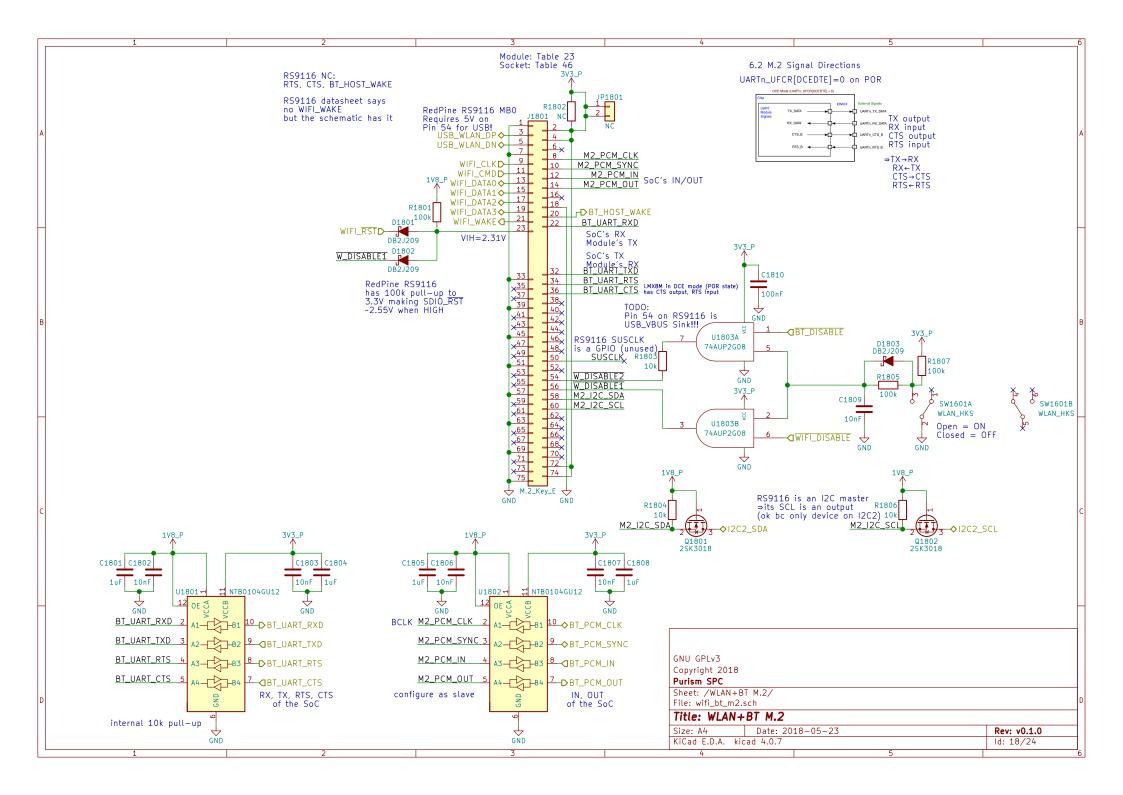


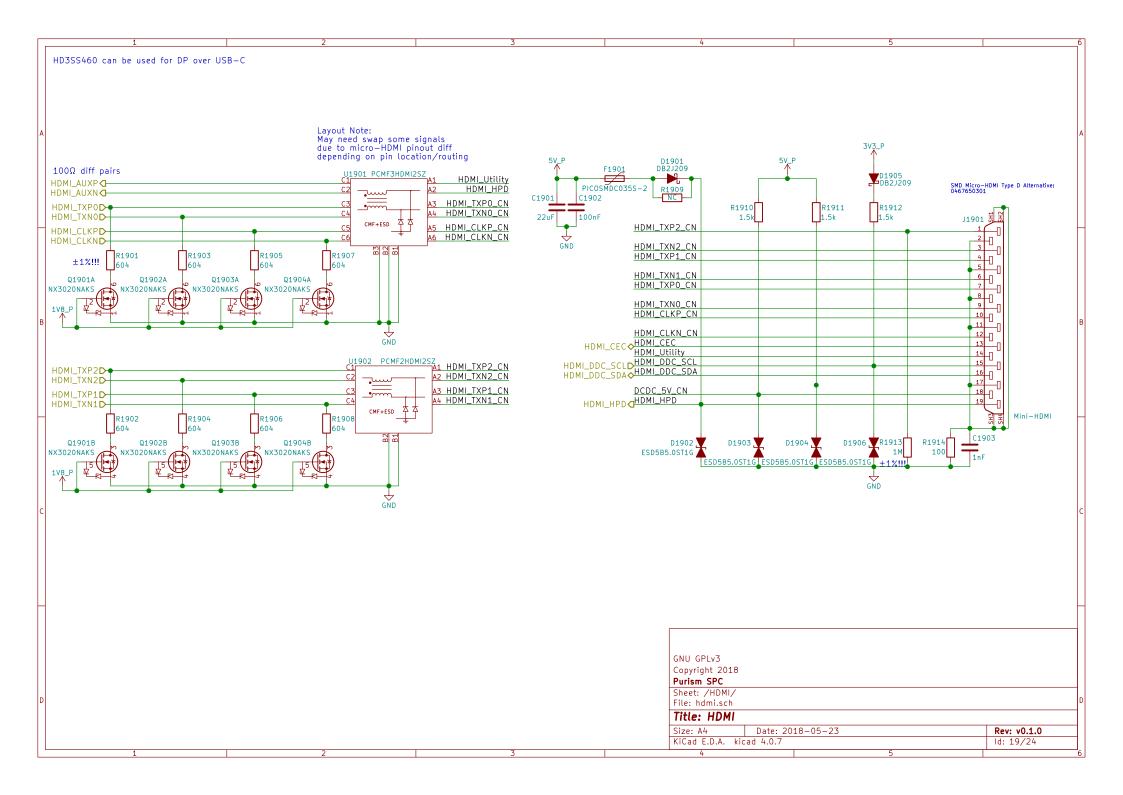




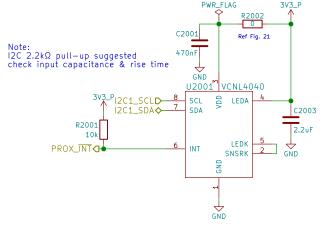




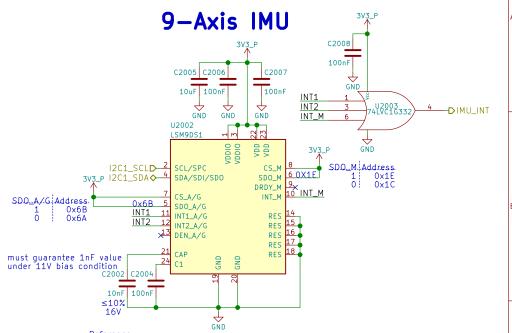




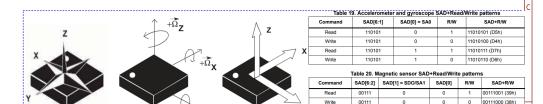
Proximity & Ambient Light



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



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



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