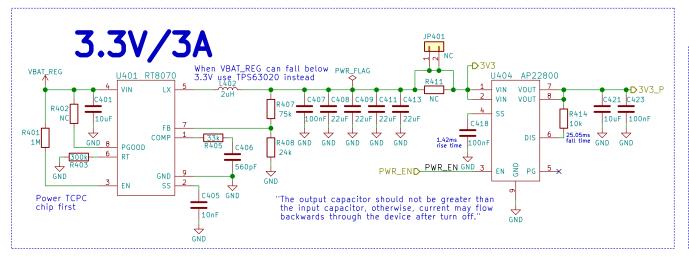
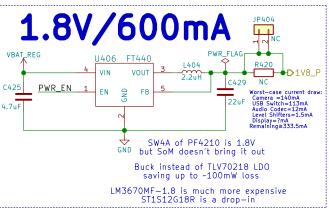
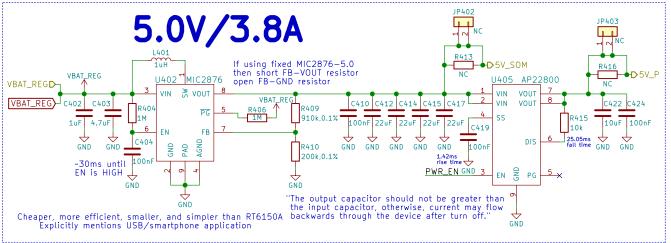


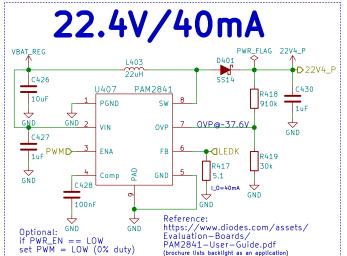
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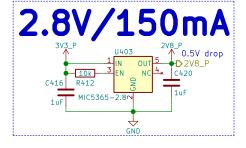


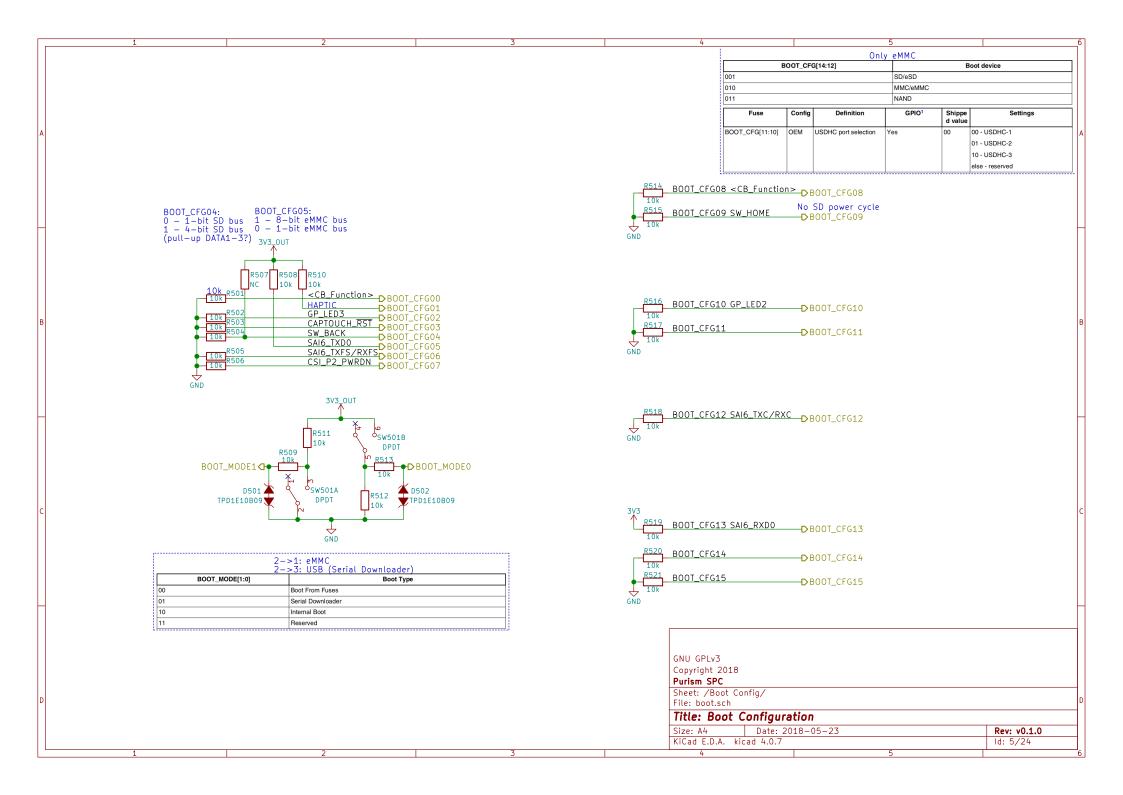


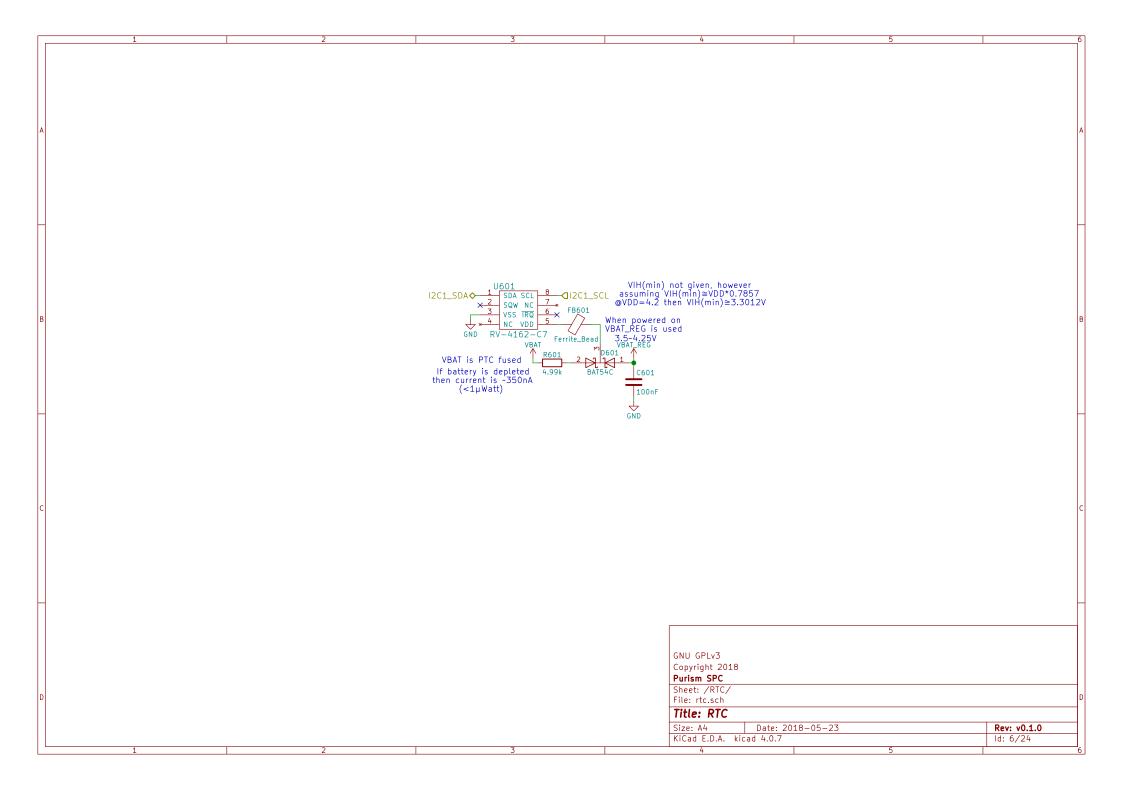


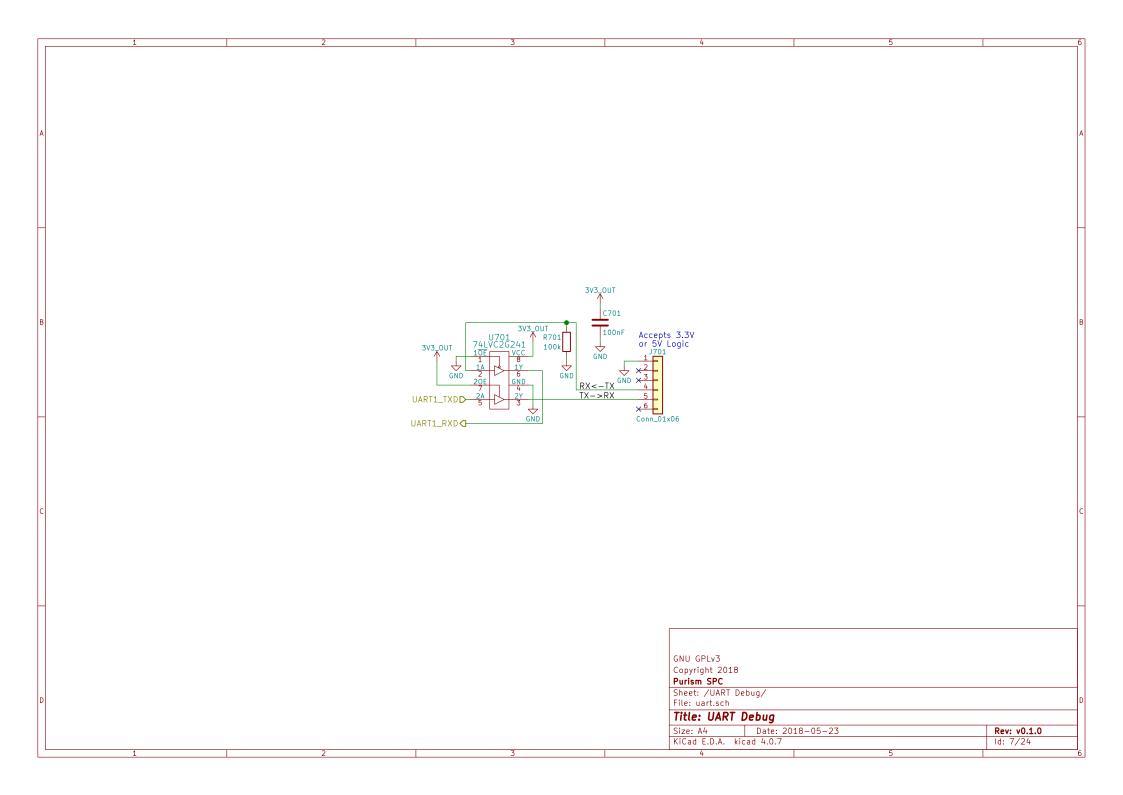


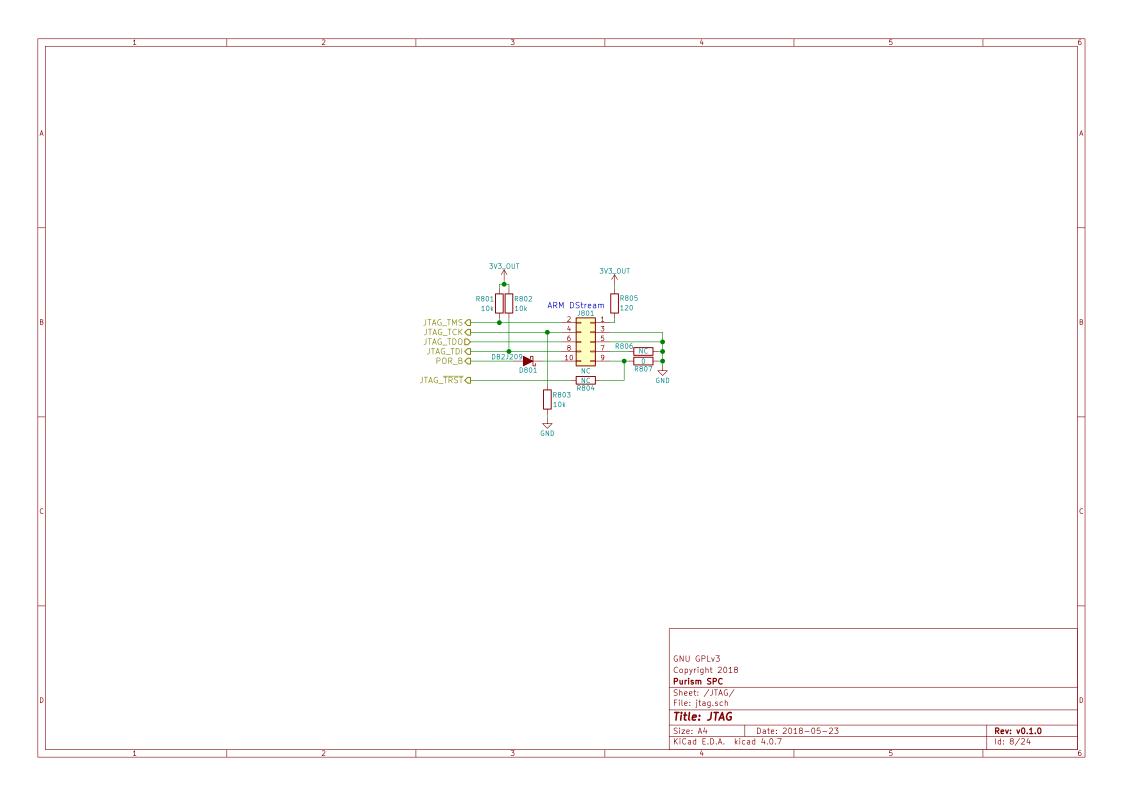
TODO: add parallel 100nF bulk caps! & spread all over the power plane

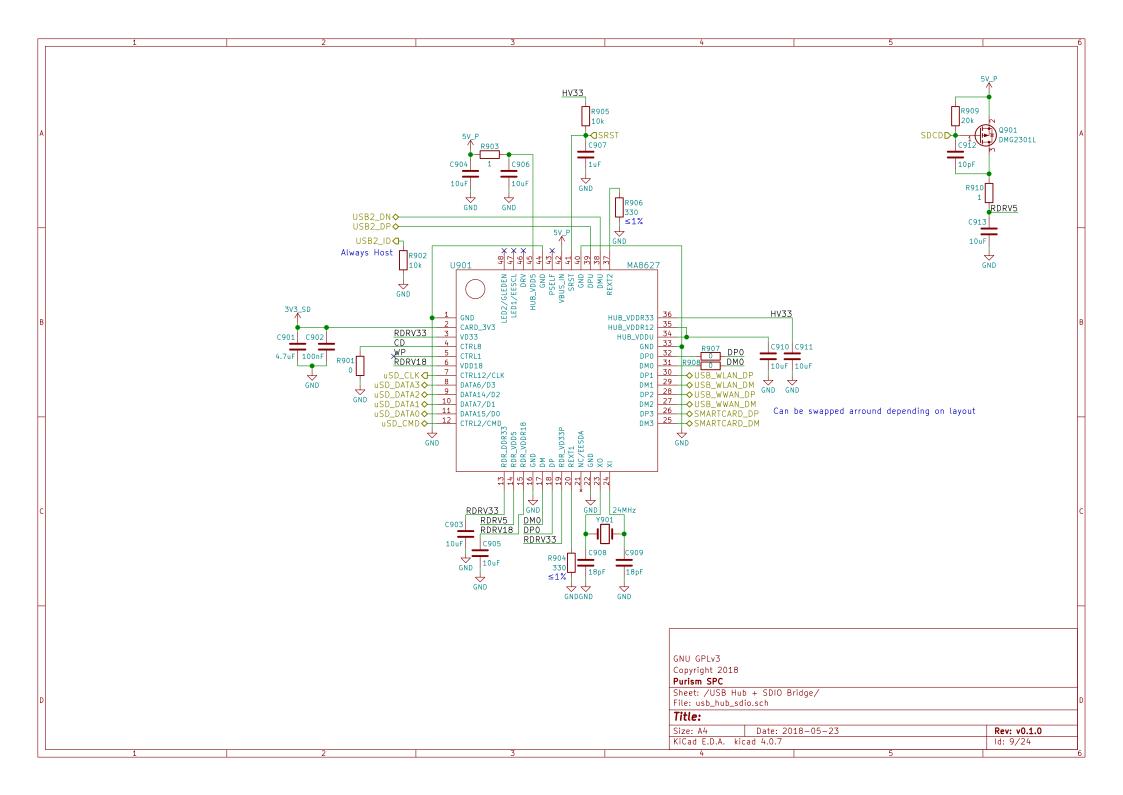


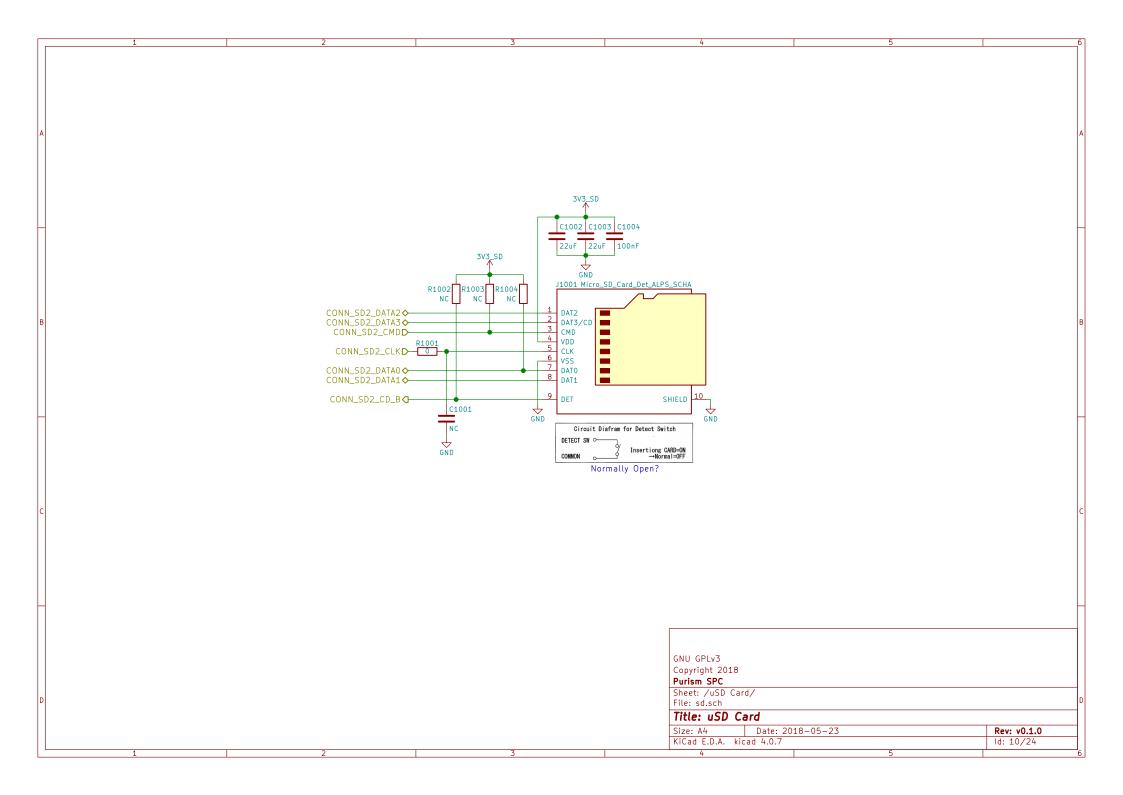


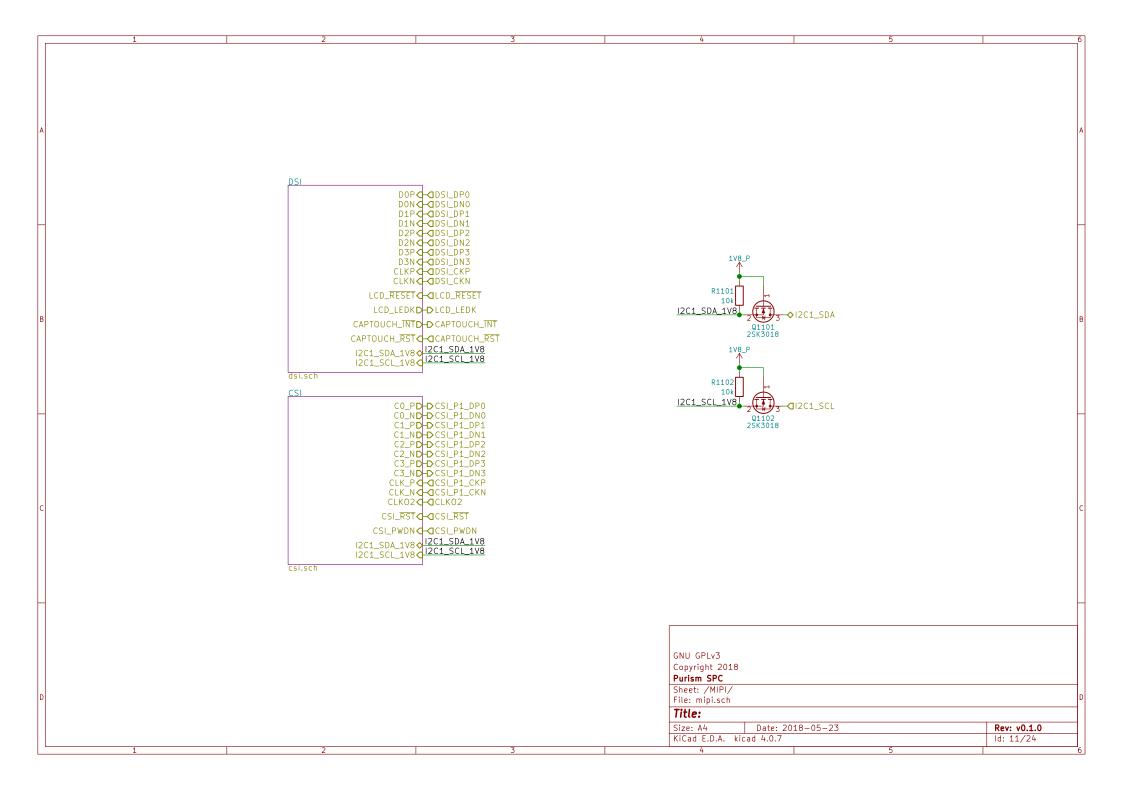


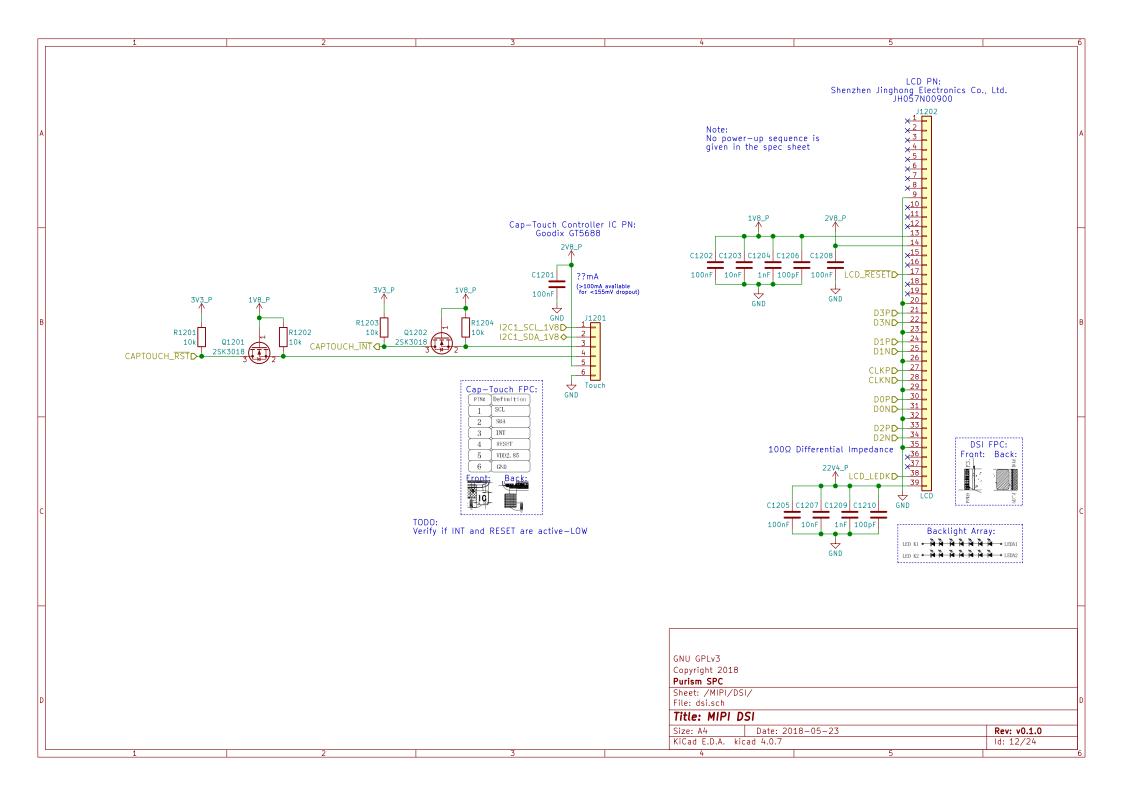


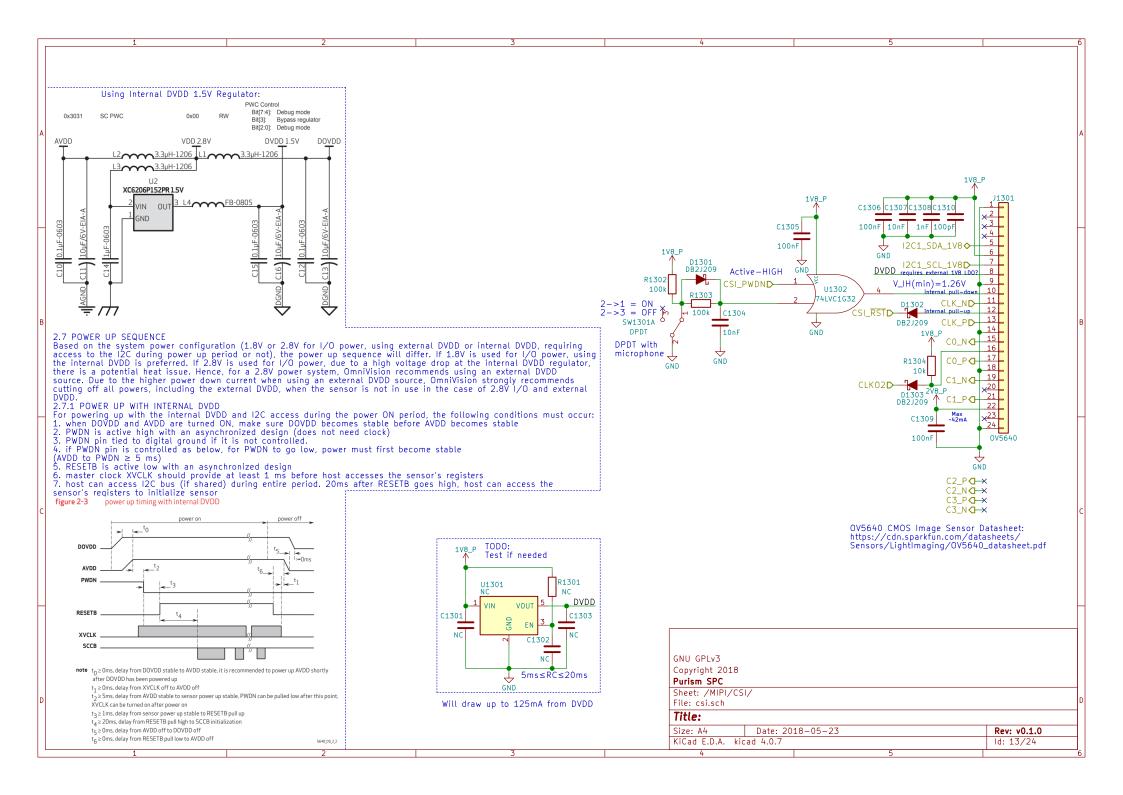


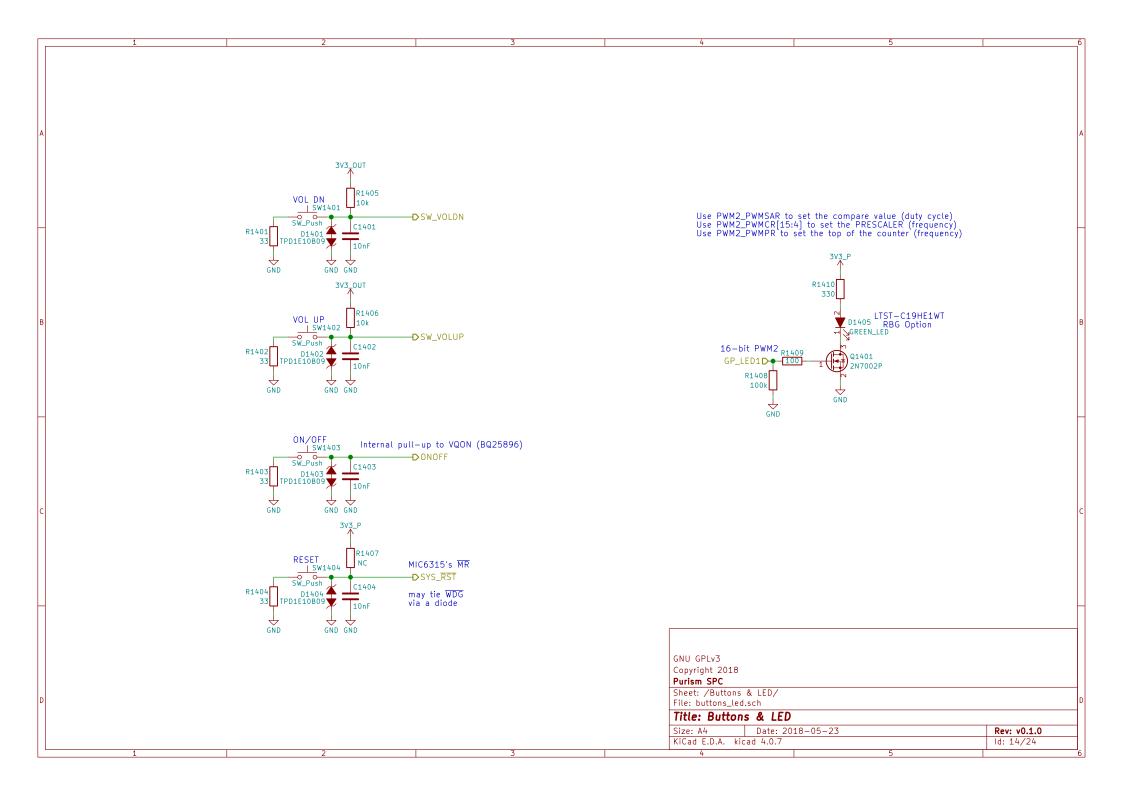


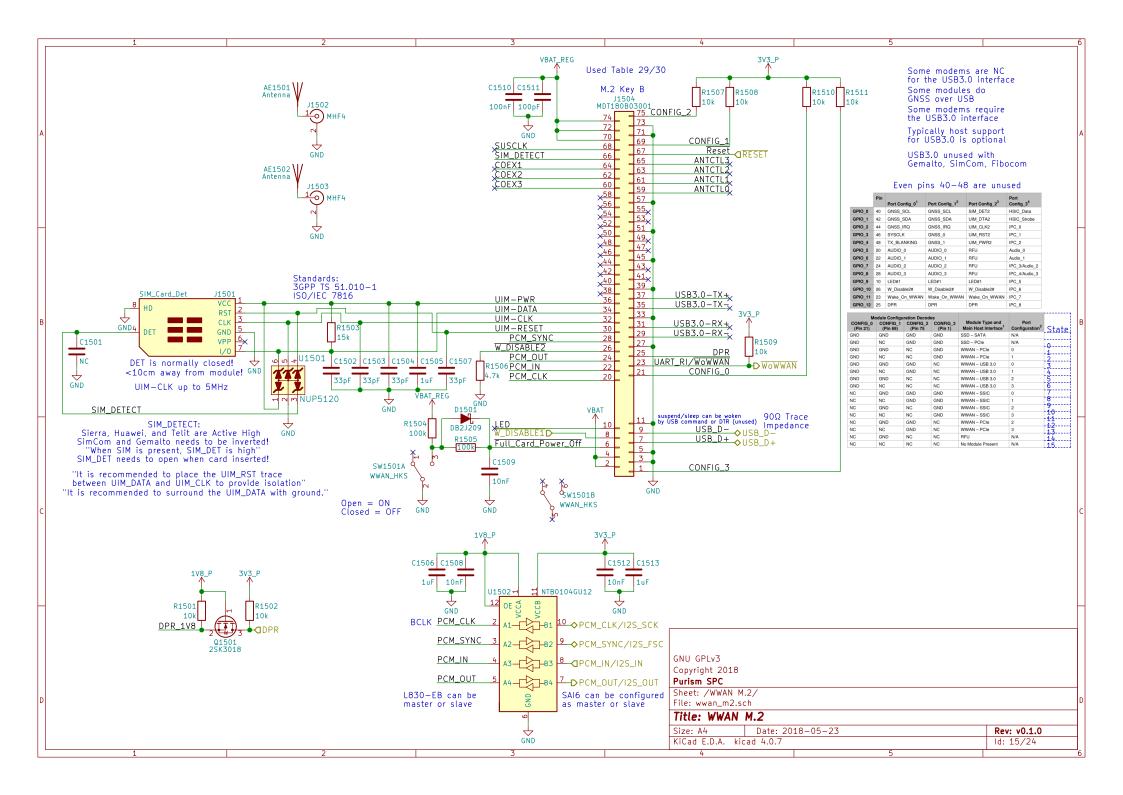


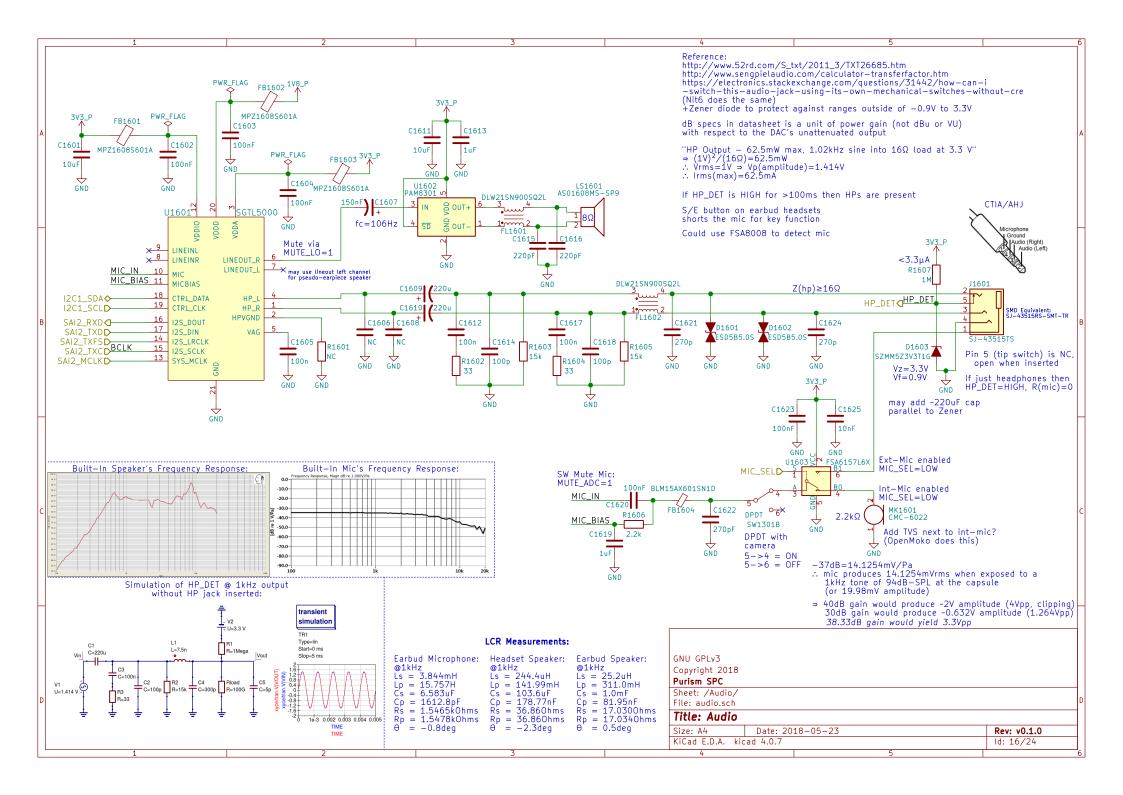


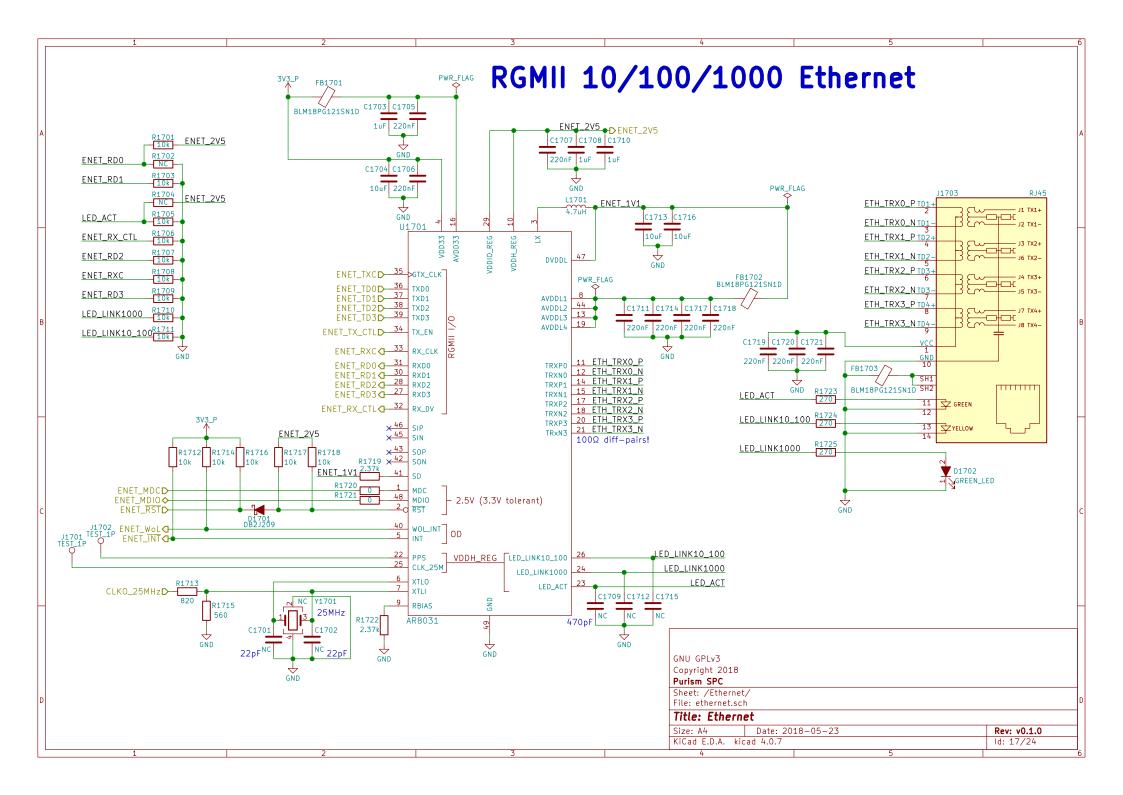


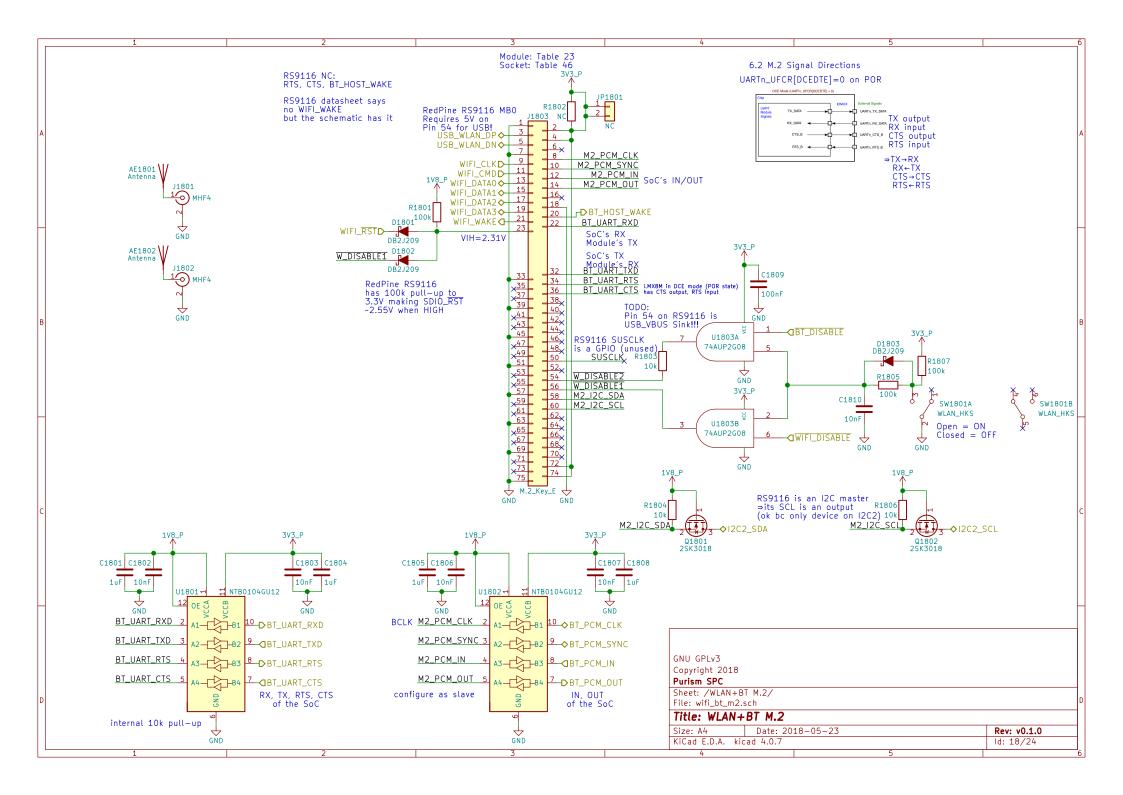


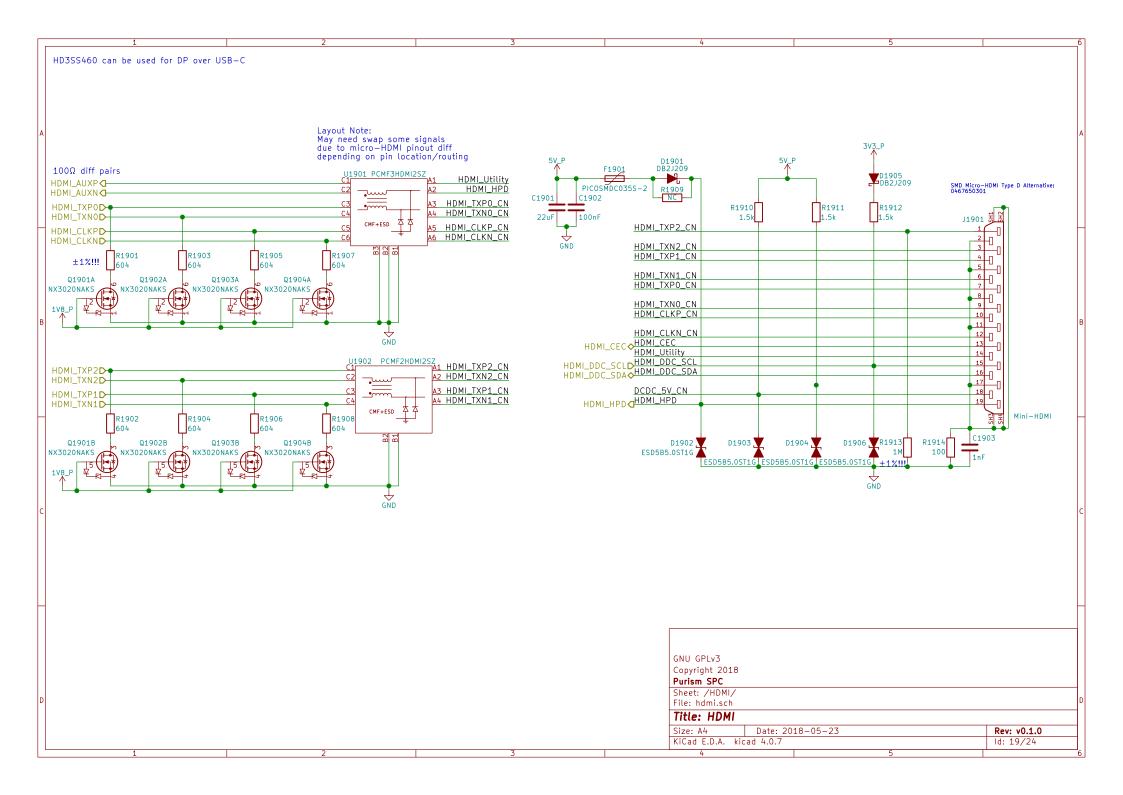




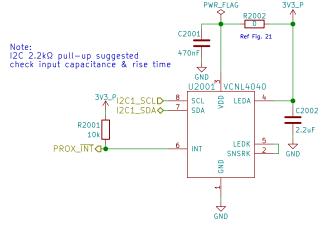




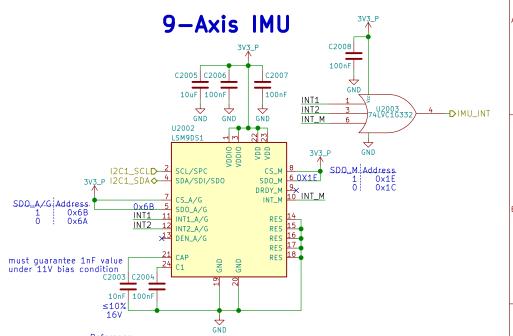




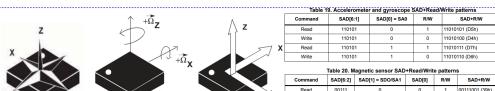
## Proximity & Ambient Light



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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$\sim 3 + \Omega_{\rm V}$		Read	00111	1	0	1	00111101 (3Dh)	
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Title: Sensors

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 Date: 2018-05-23
 Rev: v0.1.0

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