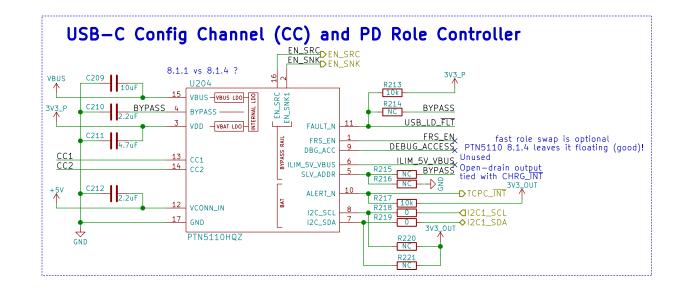
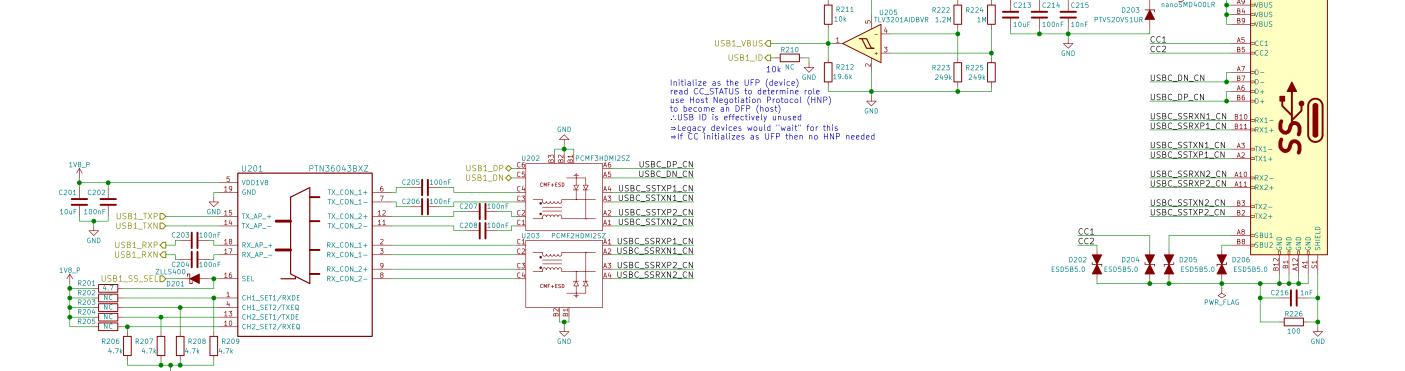


"Under dead battery operation, PTN5110 applies voltage clamps to both CC pins so that the system may receive power as a Sink. To support platforms with buck—boost configuration, PTN5110 asserts EN_SNK1 pin based on validity of VBUS voltage (facilitates 5 V VBUS sinking)."



 $USB1_VBUS=+5V$ when VBUS>4.31V

R222

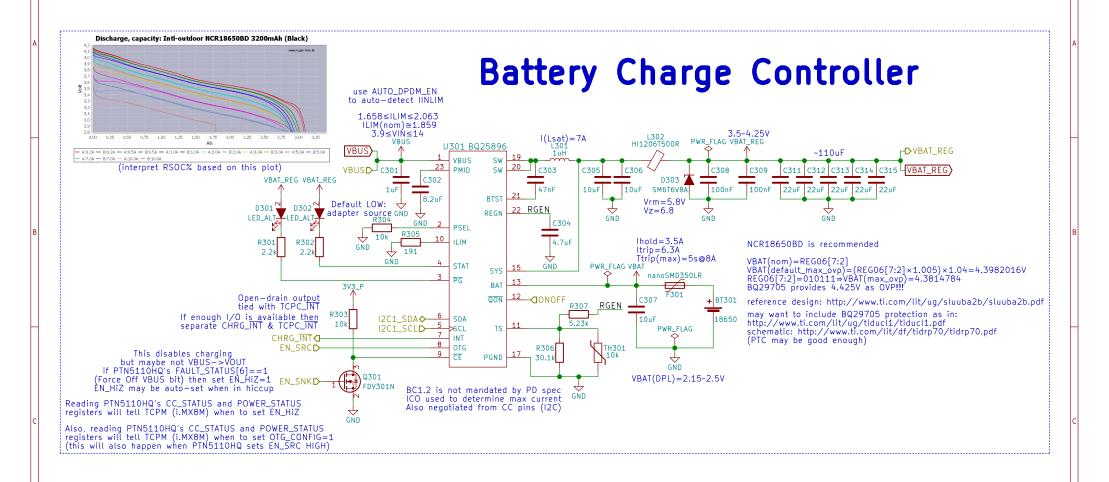


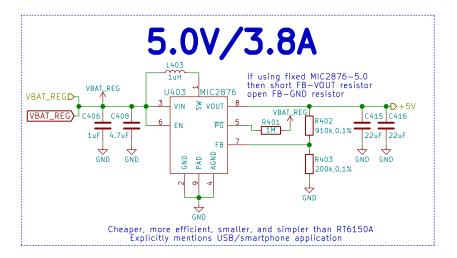
GNU GPLv3 Copyright 2018
Purism SPC Sheet: /USB-C/ File: usb-c.sch Title: USB Type C

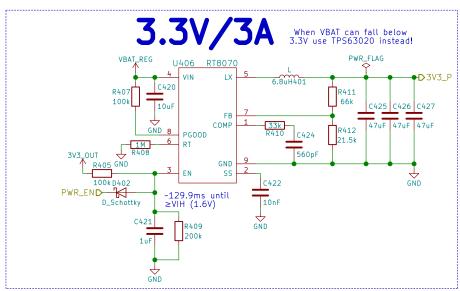
VBUS ◆ D VBUS

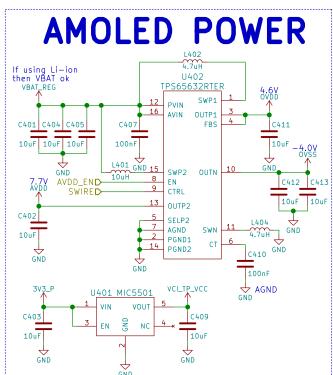
Ihold=4A Itrip=8A PWR_FLAG

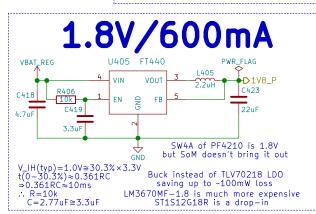
J201 USB_C_Receptacle

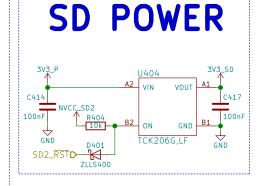












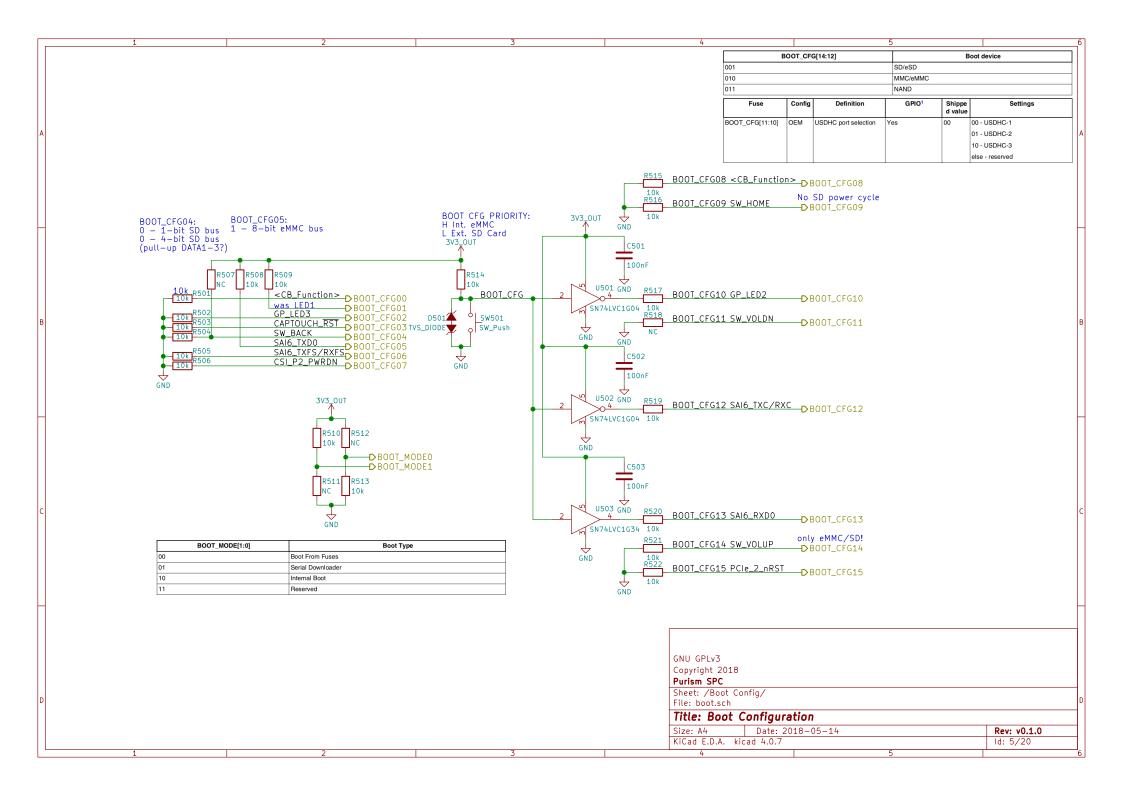
TODO: add parallel 100nF bulk caps! & spread all over the power plane

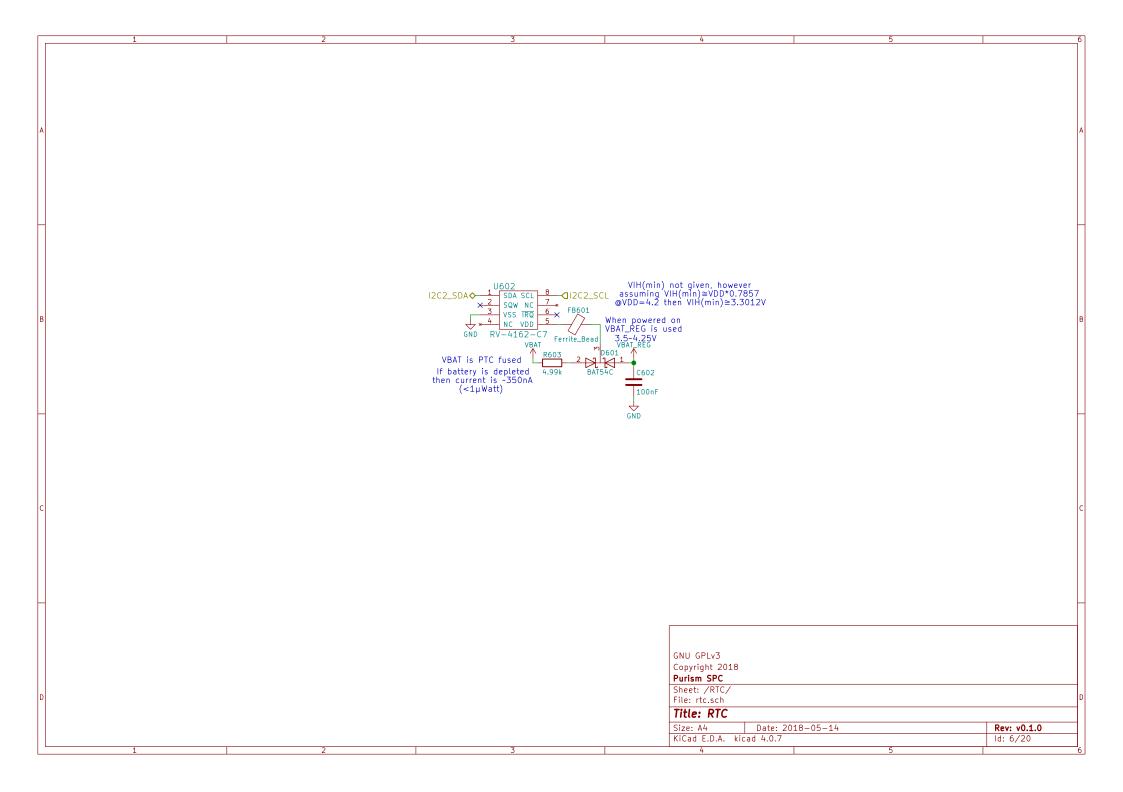
GNU GPLv3
Copyright 2018
Purism SPC
Sheet: /Power/
File: power.sch

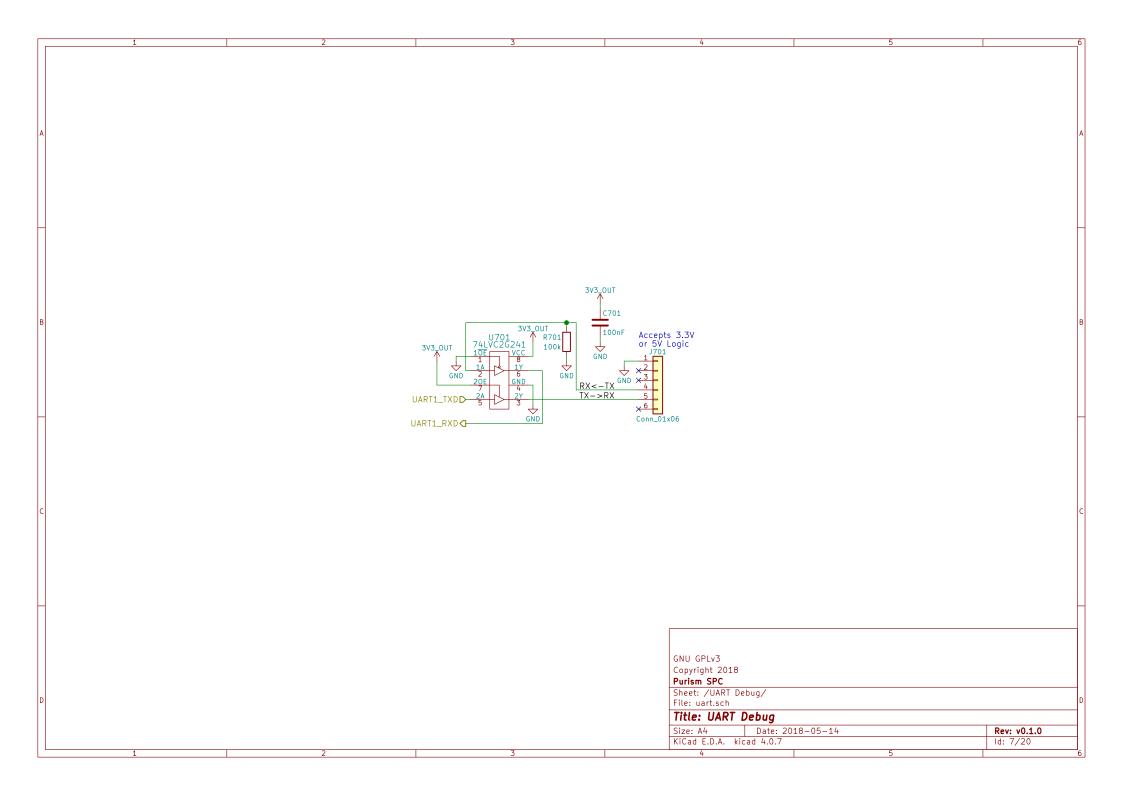
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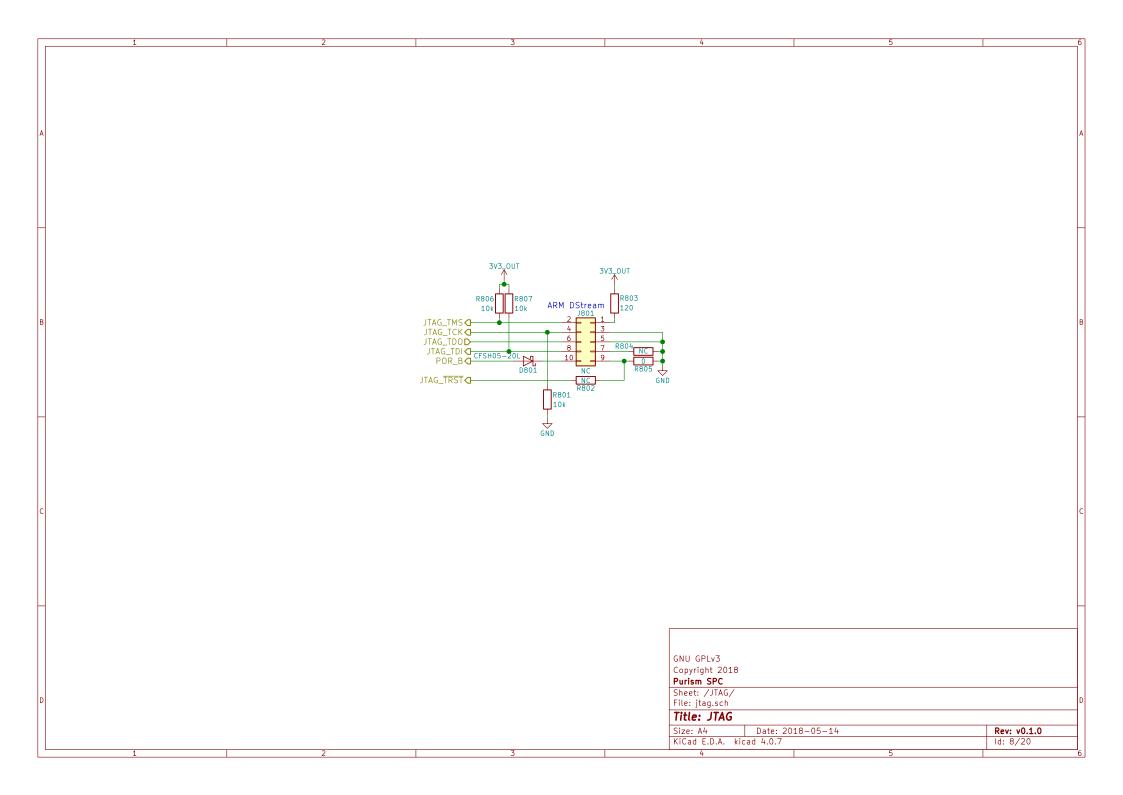
KiCad E.D.A. kicad 4.0.7

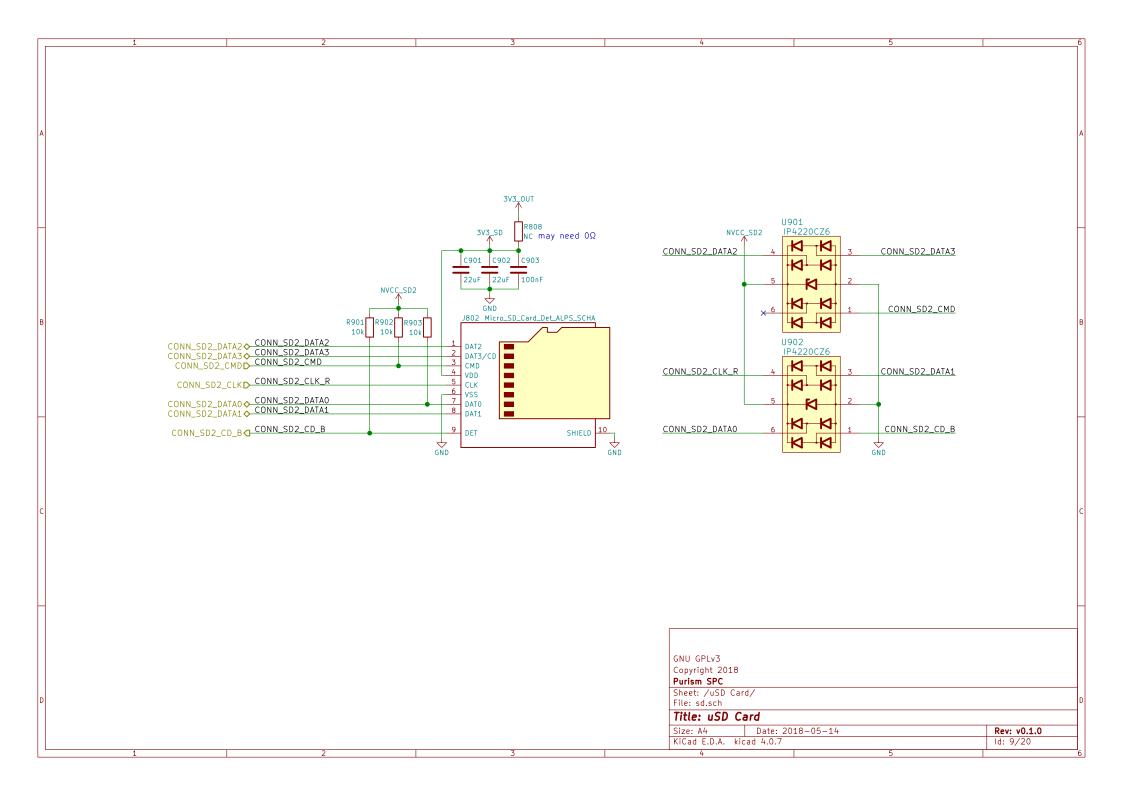
ld: 4/20

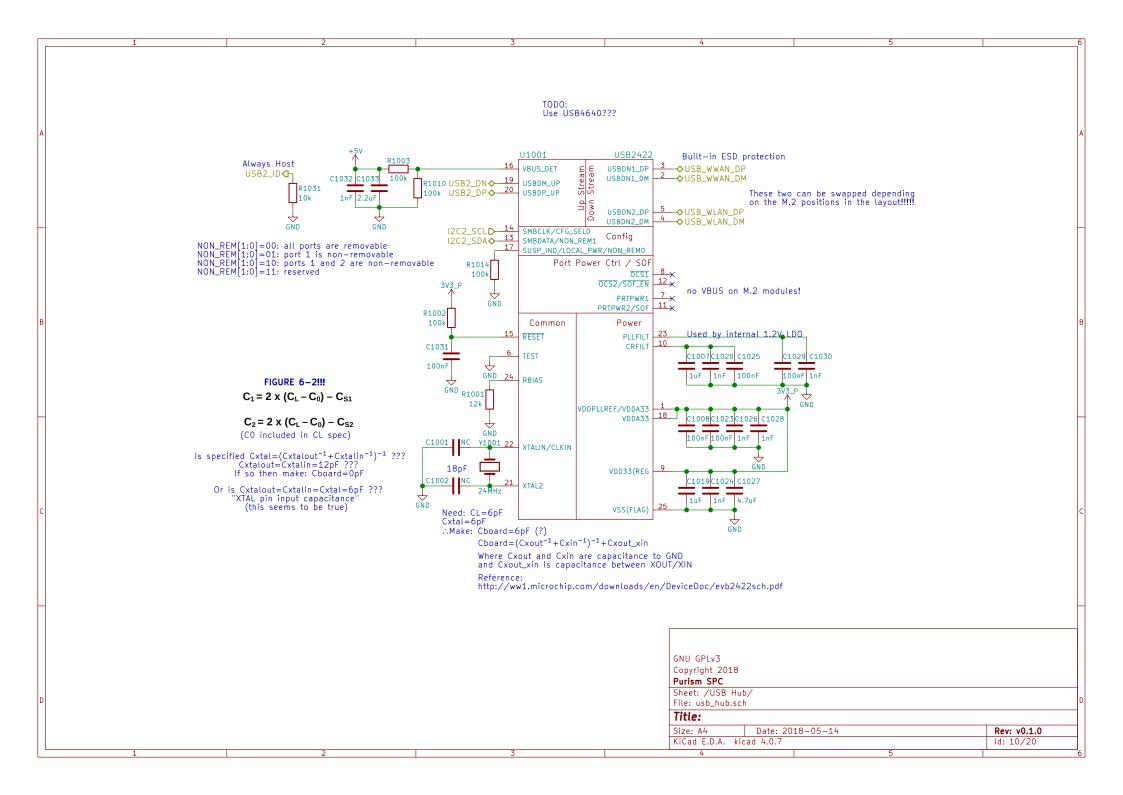


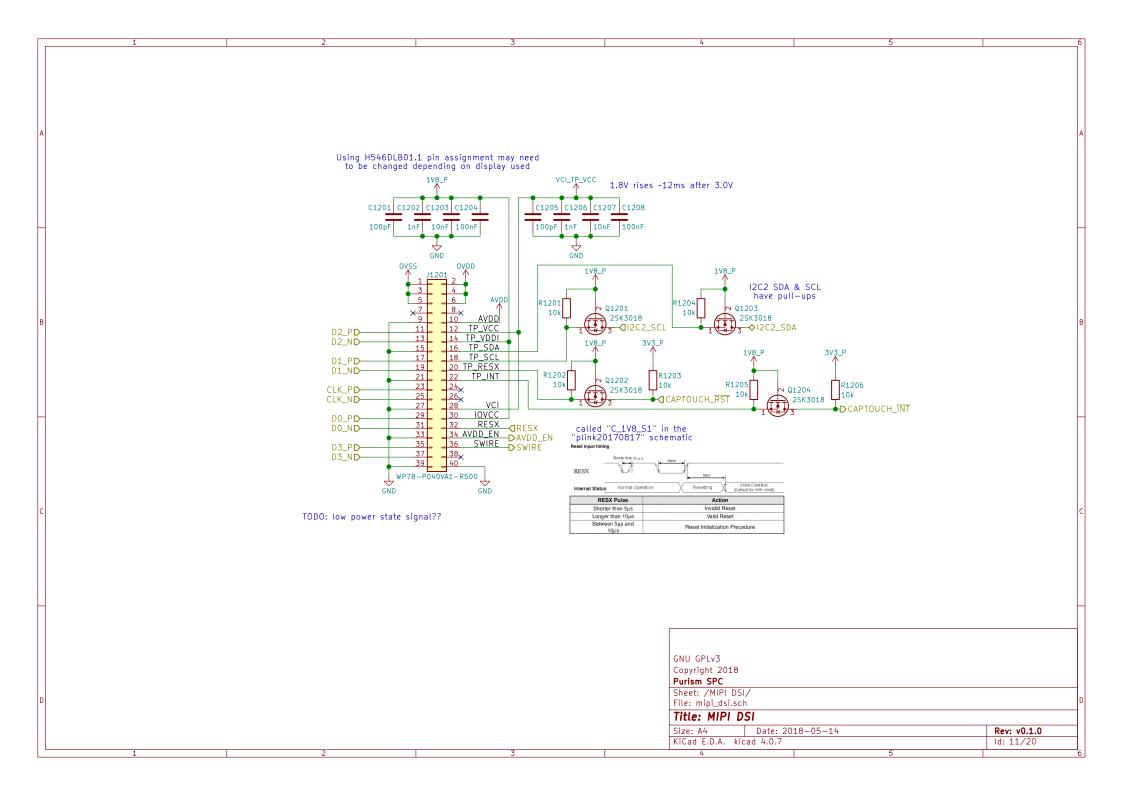


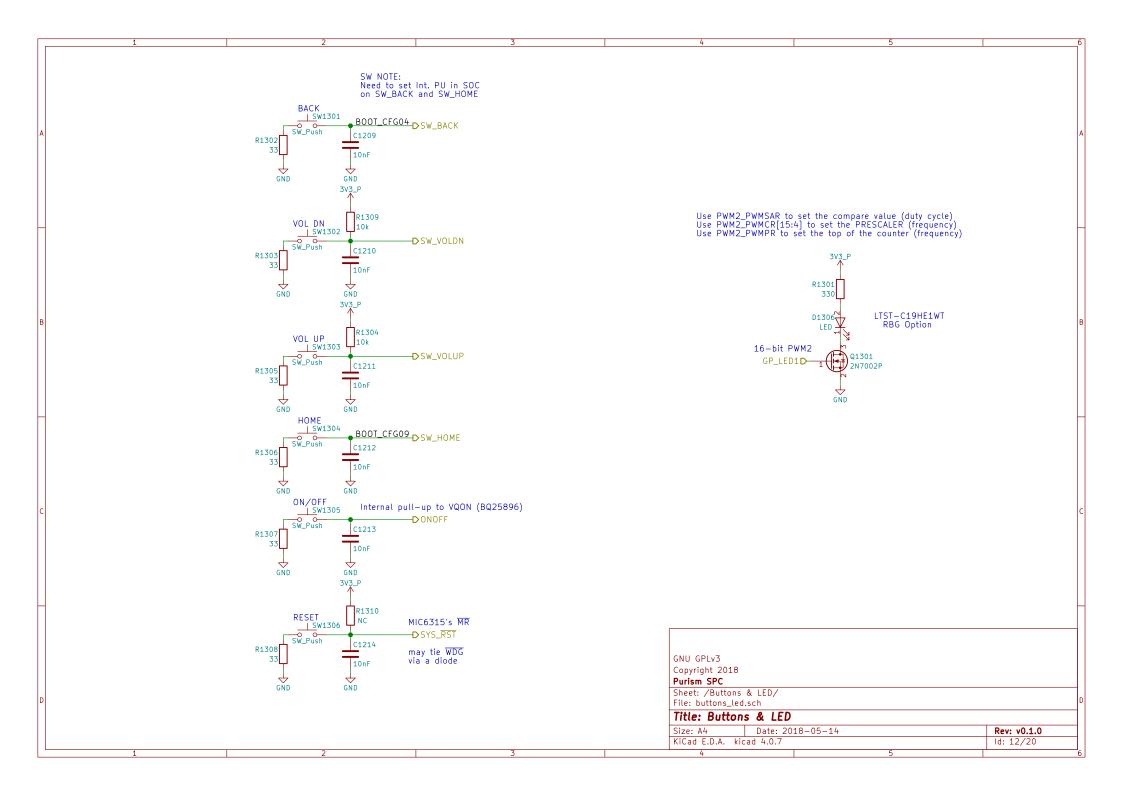


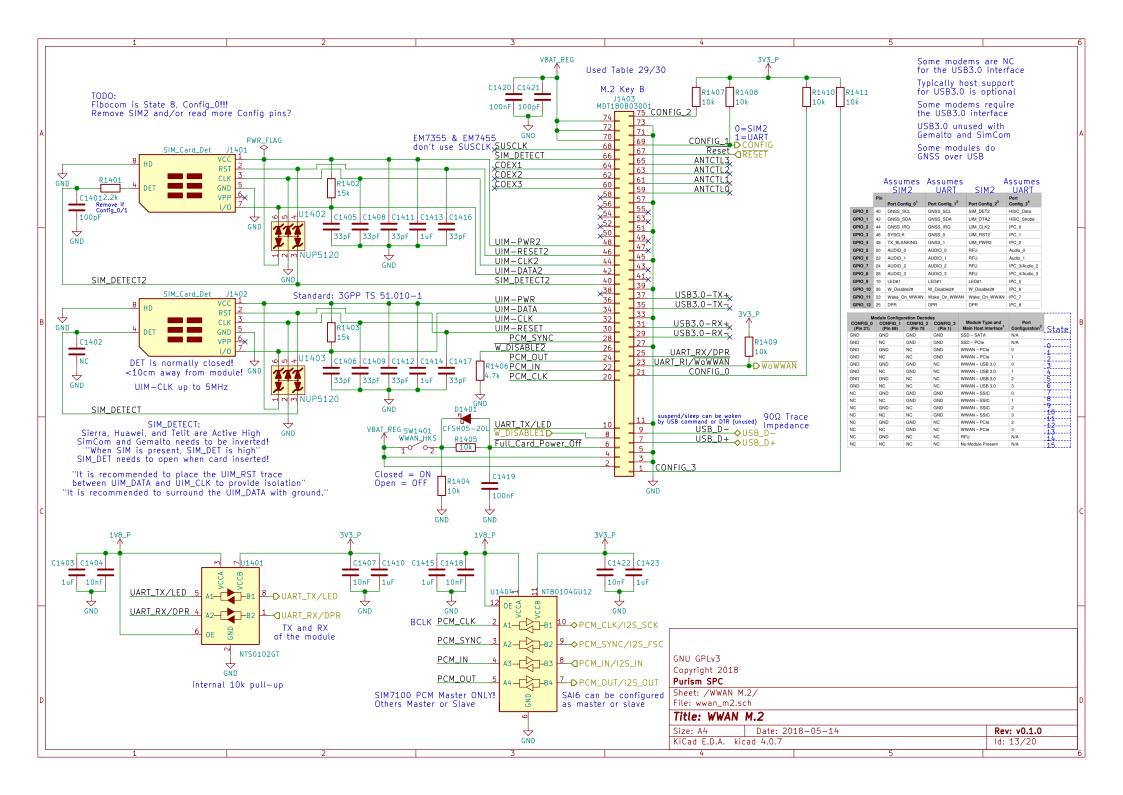


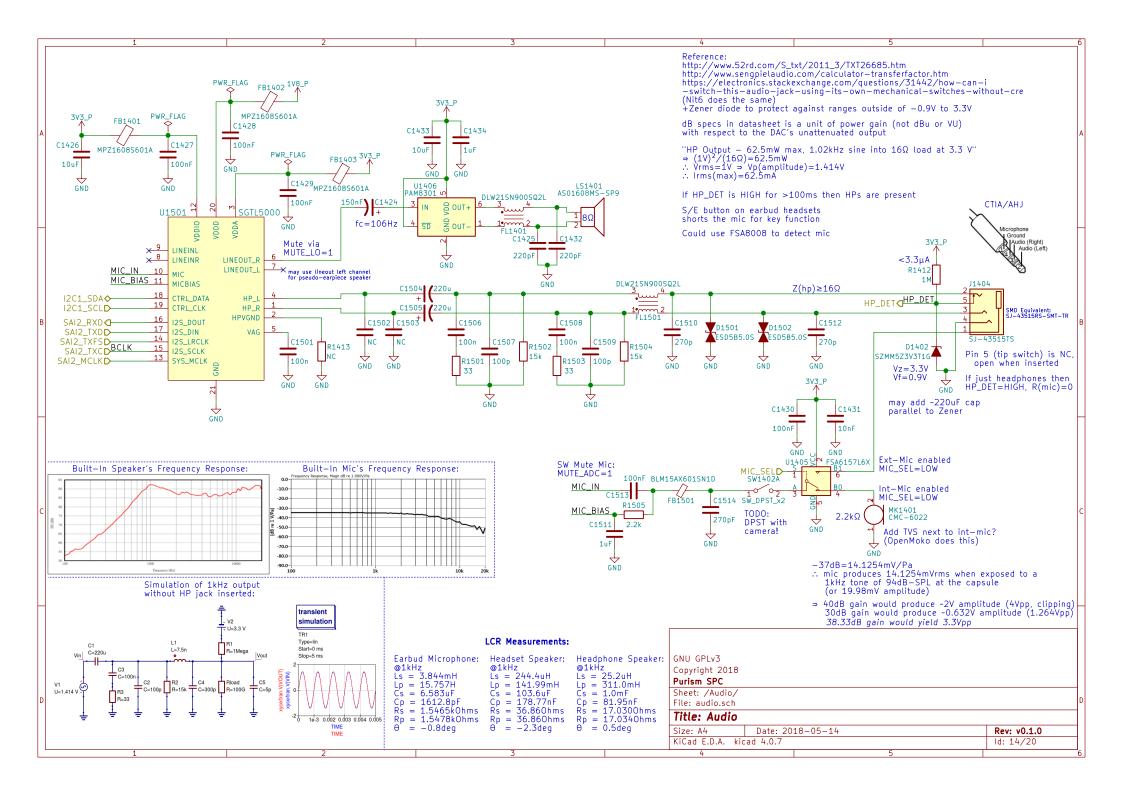


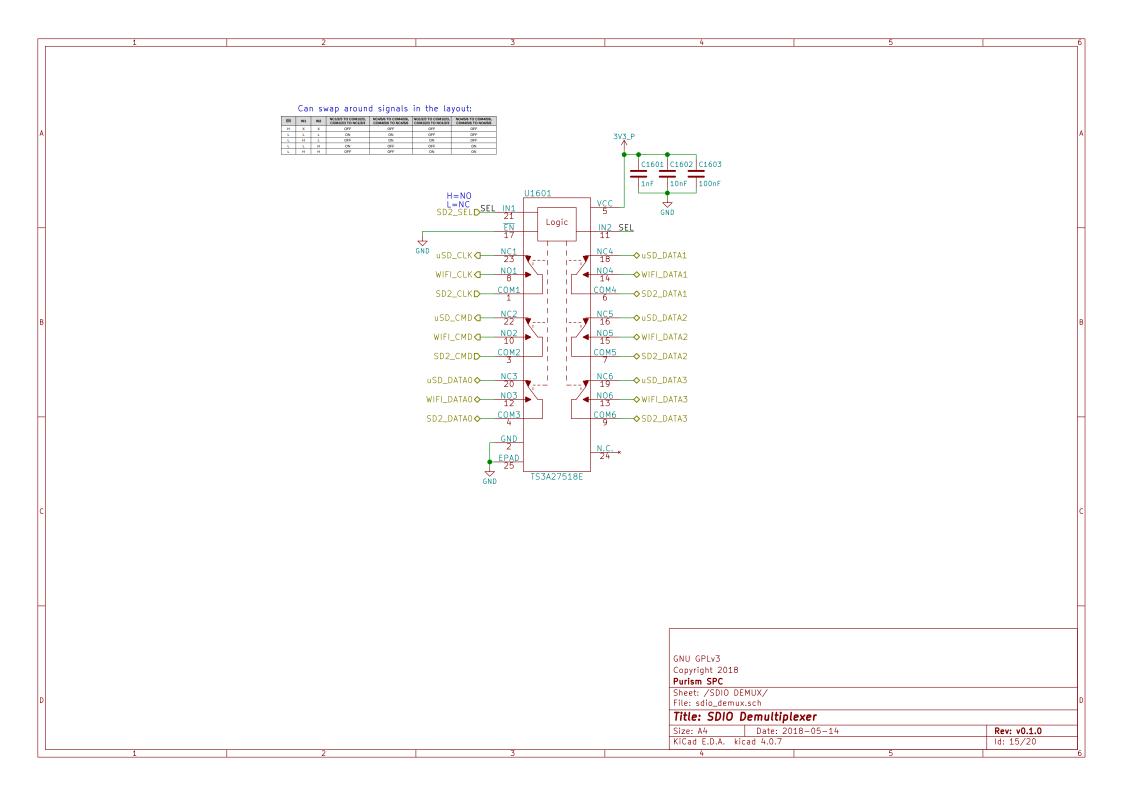


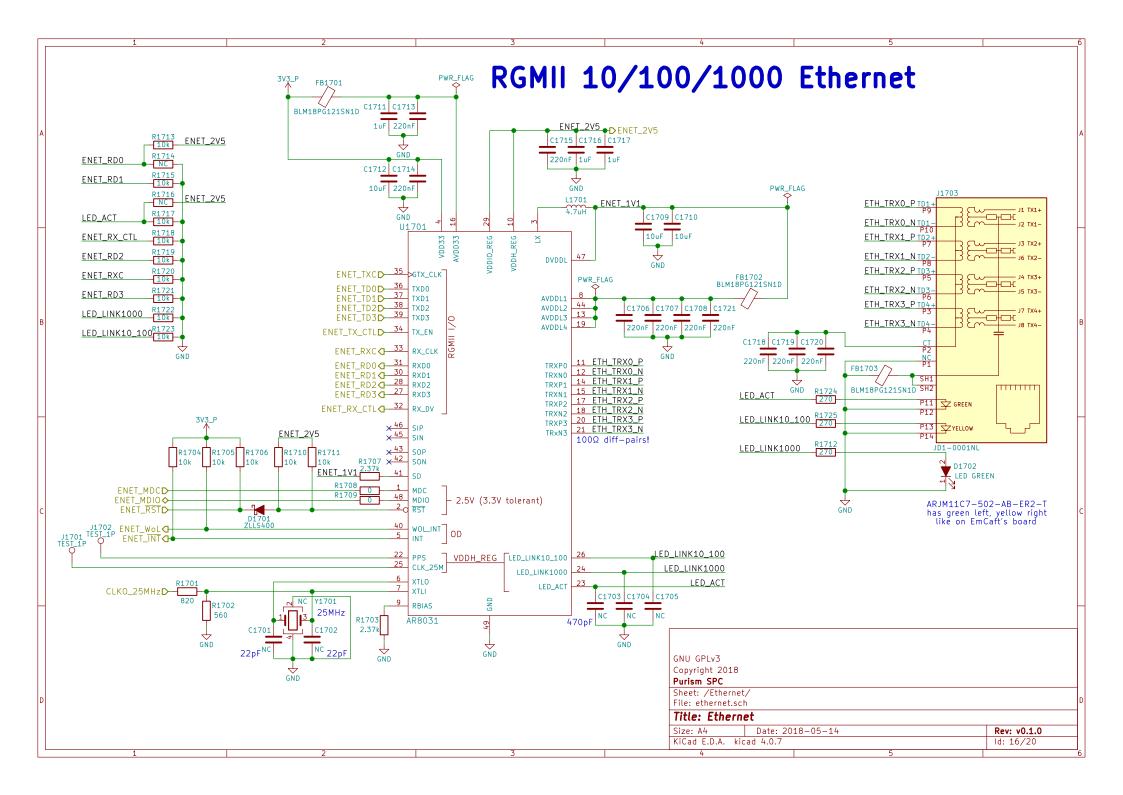


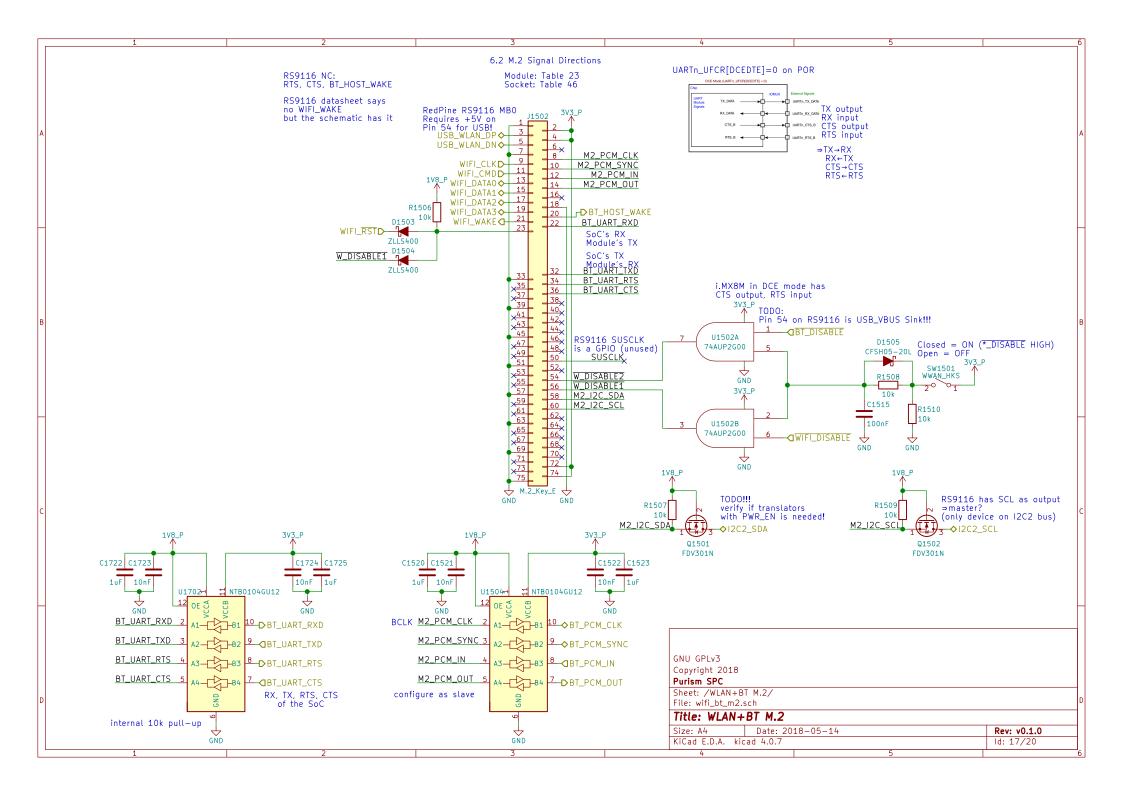


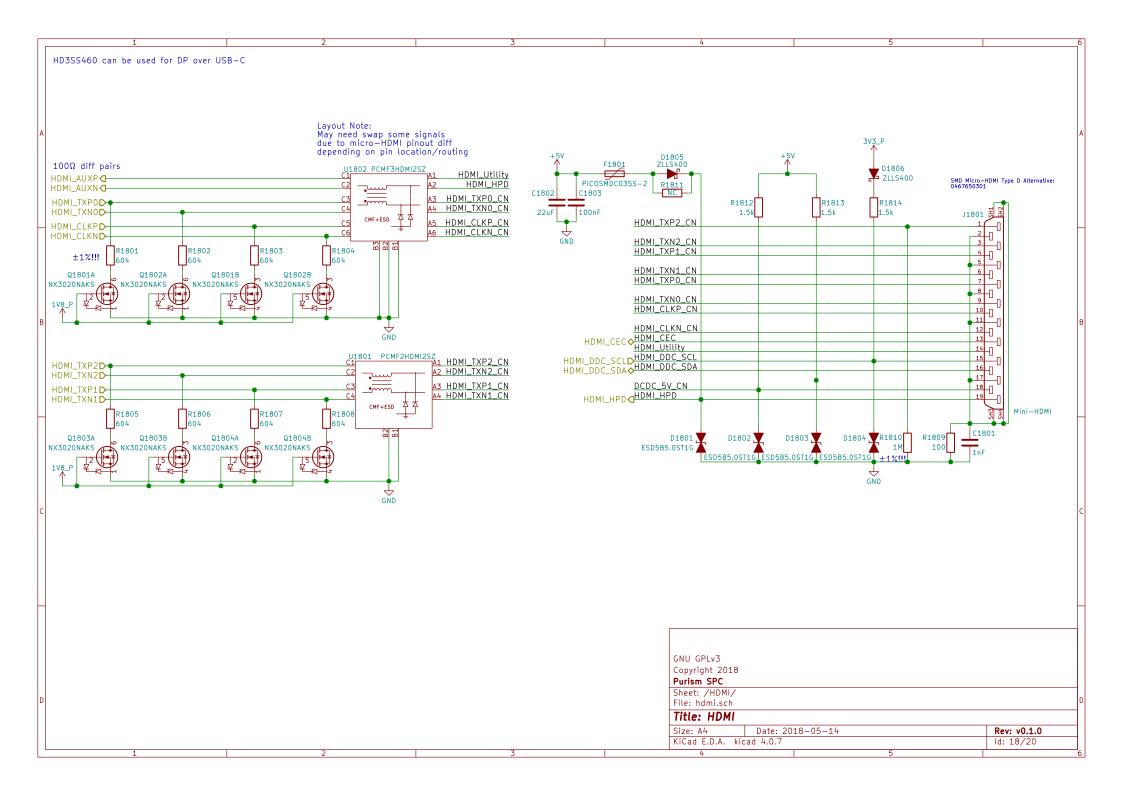




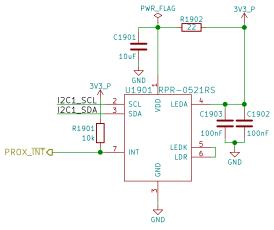




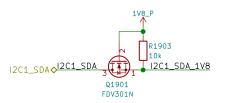




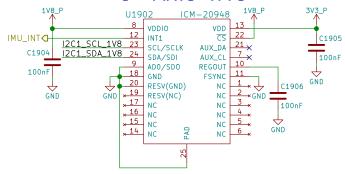
Proximity & Ambient Light



http://www.rohm.com/web/global/sensor-shield-support/ps-als-sensor



9-Axis IMU



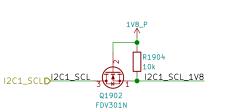
https://store.invensense.com/datasheets/invensense/AN-IVS-0001EVB-00%20v1%202.pdf

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







GNU GPLv3 Copyright 2018 Purism SPC Sheet: /Sensors/ File: sensors.sch Title: Sensors

Size: A4 Date: 2018-05-14 Rev: v0.1.0 KiCad E.D.A. kicad 4.0.7 ld: 19/20

