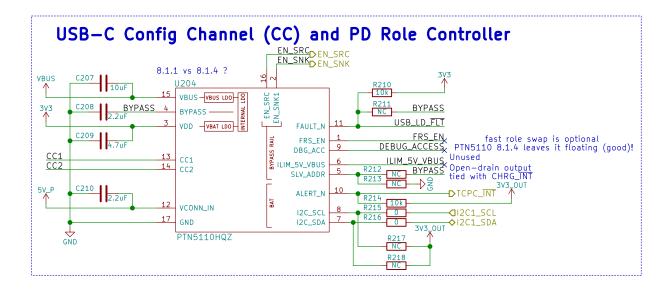
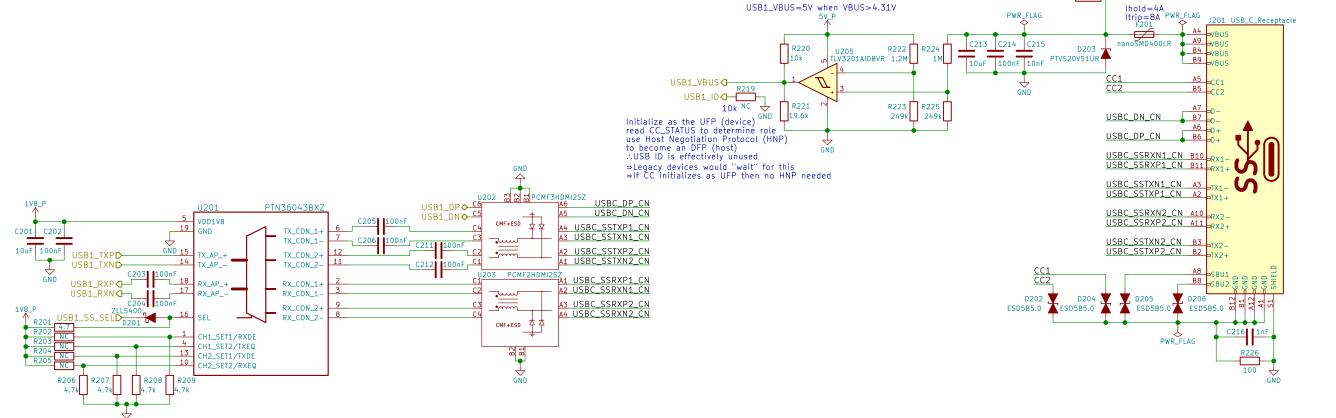


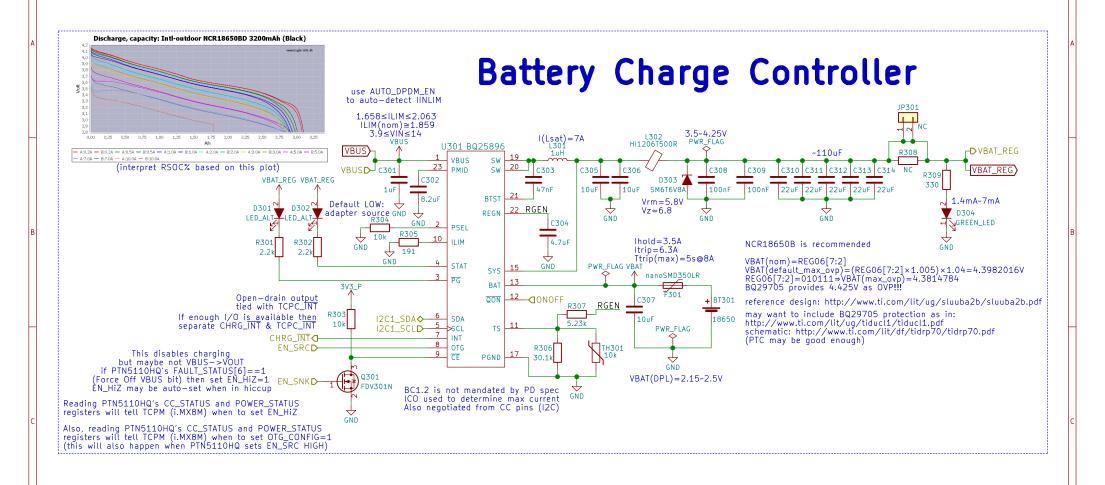
"Under dead battery operation, PTN5110 applies voltage clamps to both CC pins so that the system may receive power as a Sink. To support platforms with buck—boost configuration, PTN5110 asserts EN_SNK1 pin based on validity of VBUS voltage (facilitates 5 V VBUS sinking)."





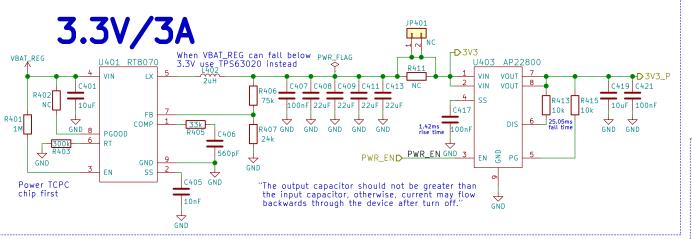
GNU GPLv3								
Copyright 2018								
Purism SPC								
Sheet: /USB-C/								
File: usb-c.sch								
Title: USB Type C								
Size: A3 Date: 2018-05-18	Rev: v0.1.0							
KiCad E.D.A. kicad 4.0.7	ld: 2/21							

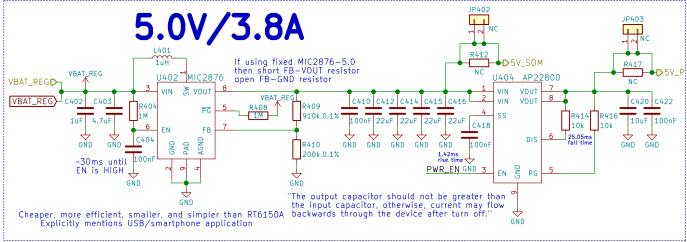
VBUS ◆ **D VBUS**

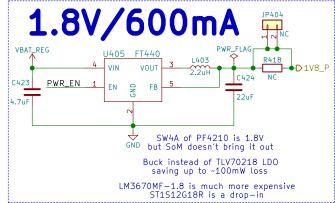


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Purism SPC
Sheet: /Battery/
File: battery.sch

Title: Battery
Size: A4 Date: 2018-05-18 Rev: v0.1.0
KiCad E.D.A. kicad 4.0.7 Id: 3/21







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

GNU GPLv3

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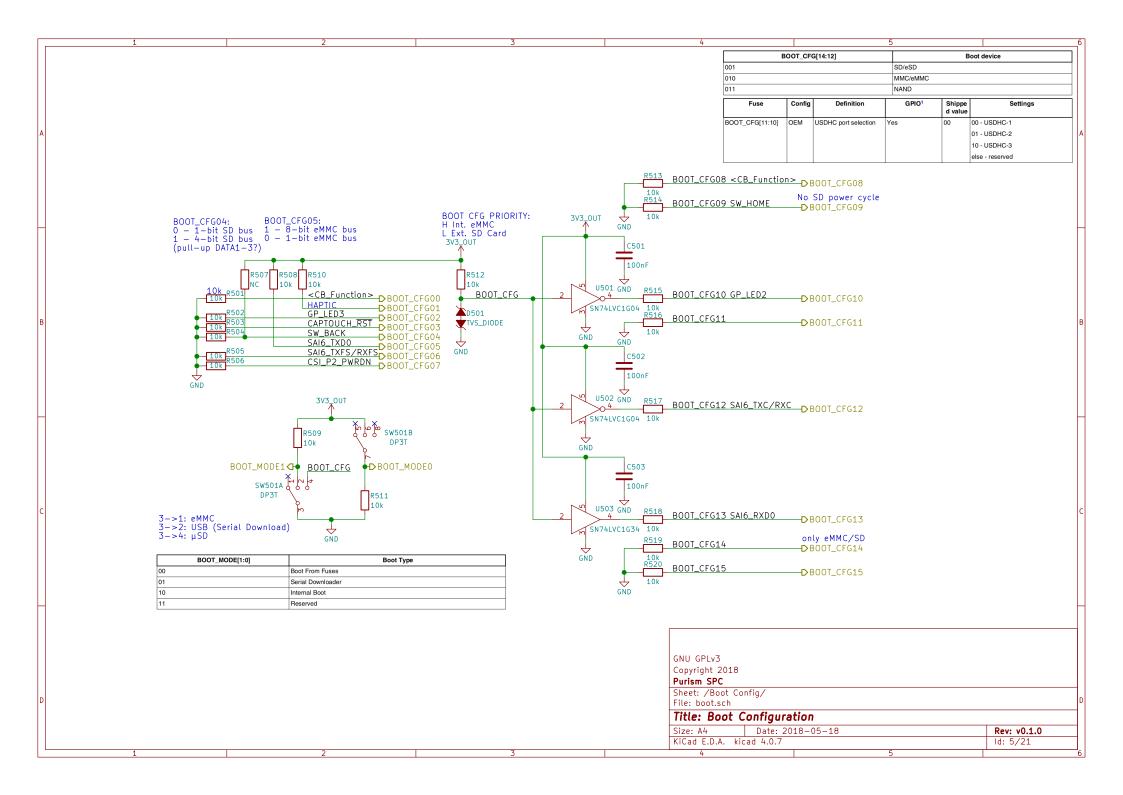
Purism SPC

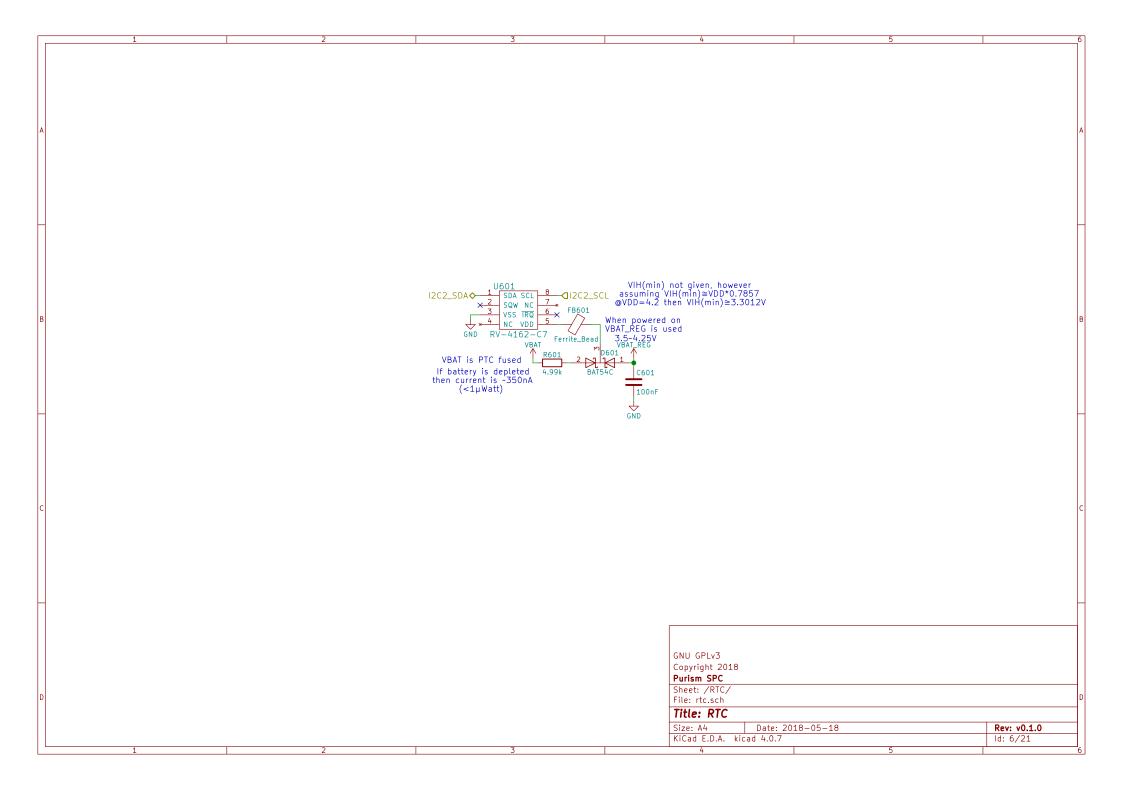
Sheet: /Power/ File: power.sch

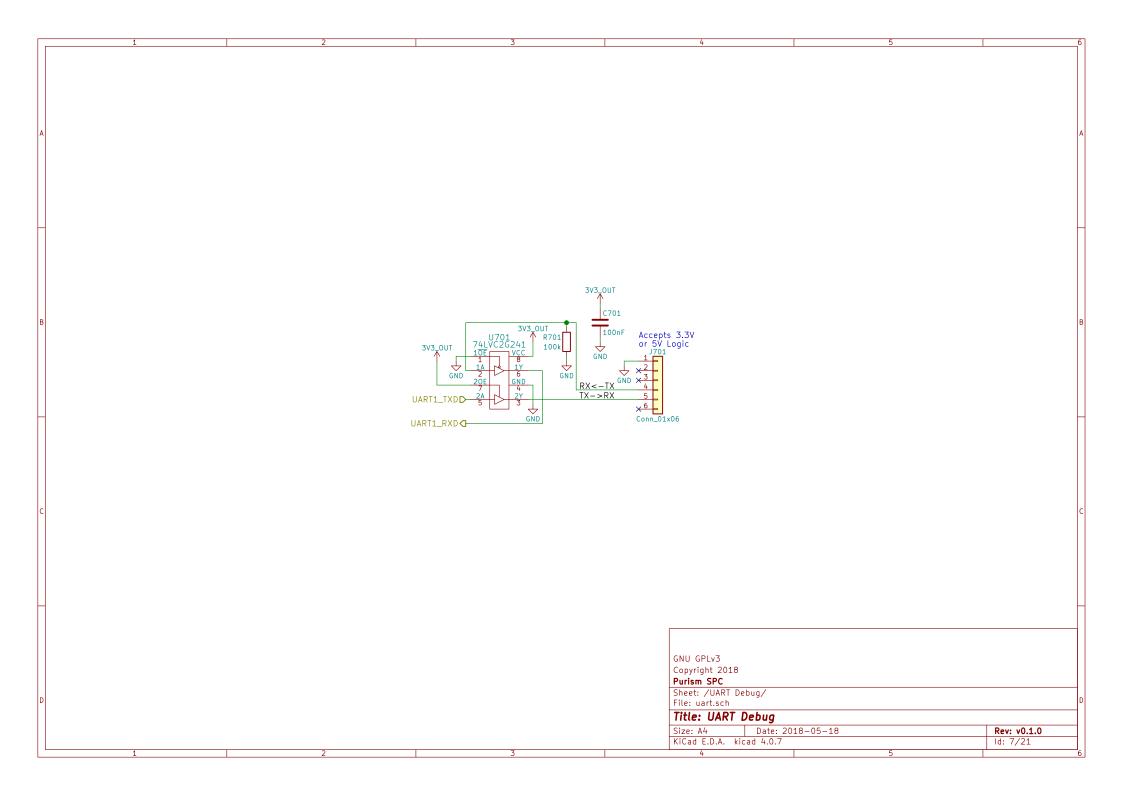
Title: Power

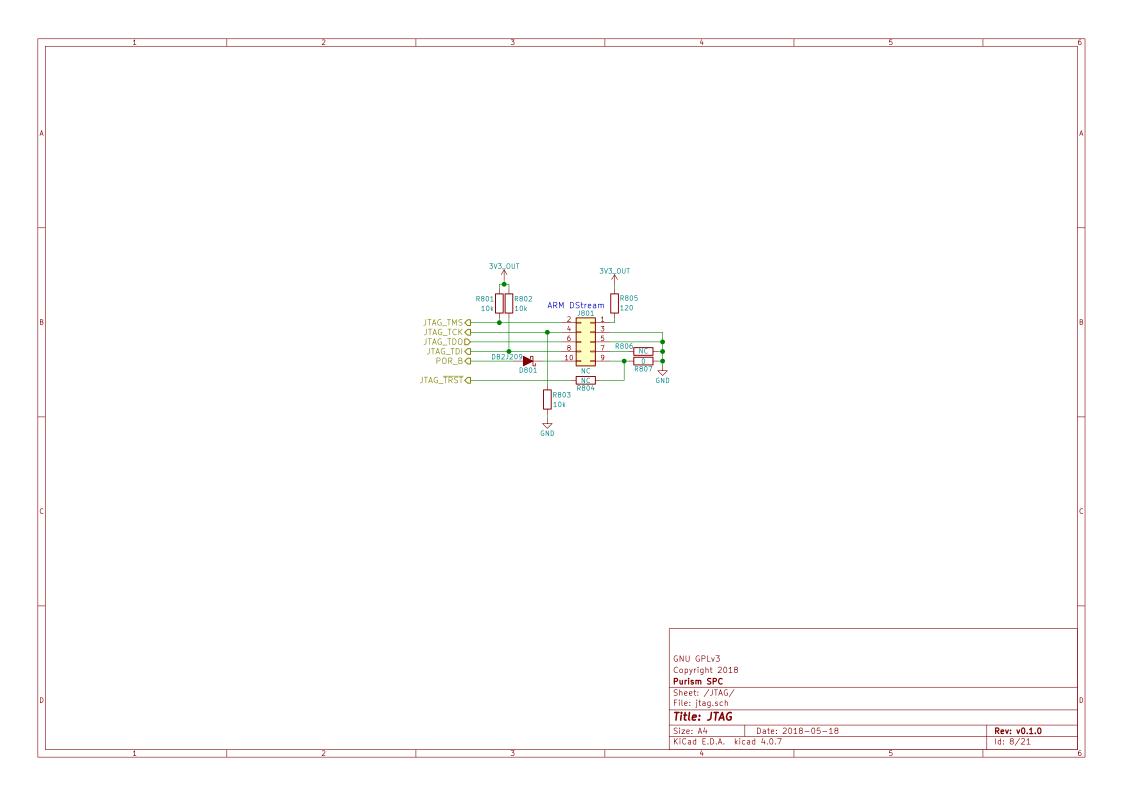
 Size: A4
 Date: 2018-05-18
 Rev: v0.1.0

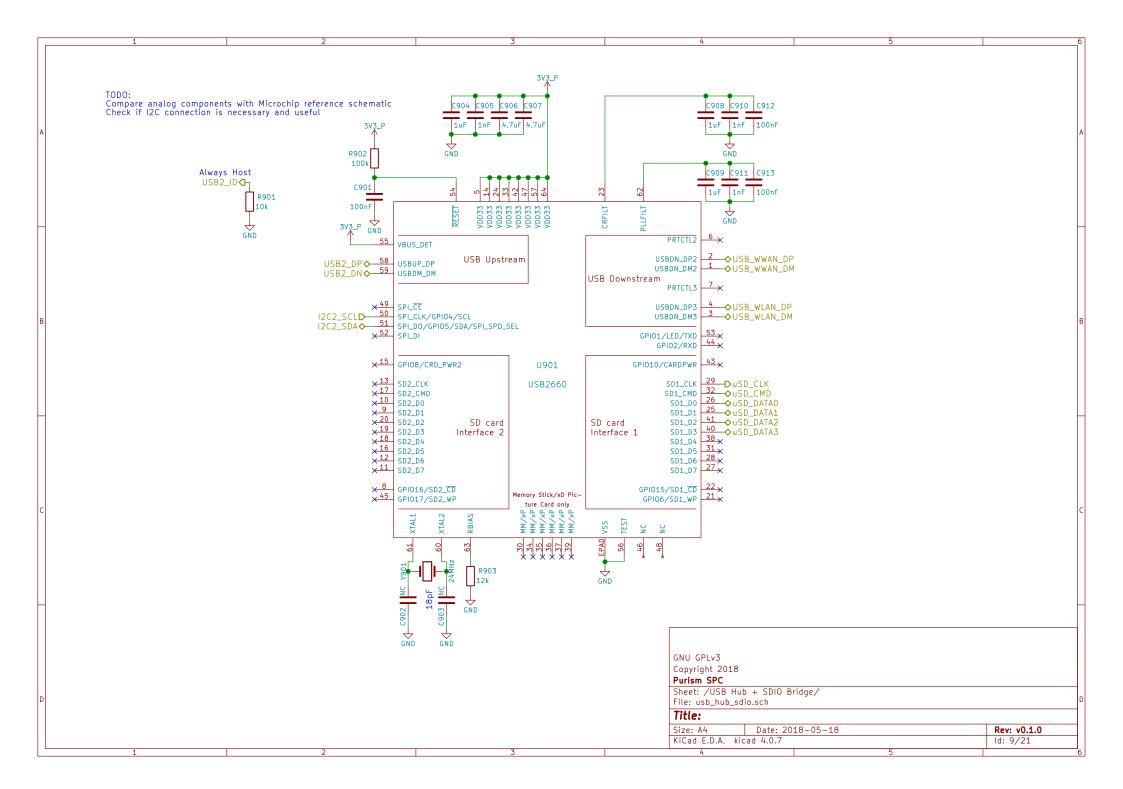
 KiCad E.D.A. kicad 4.0.7
 Id: 4/21

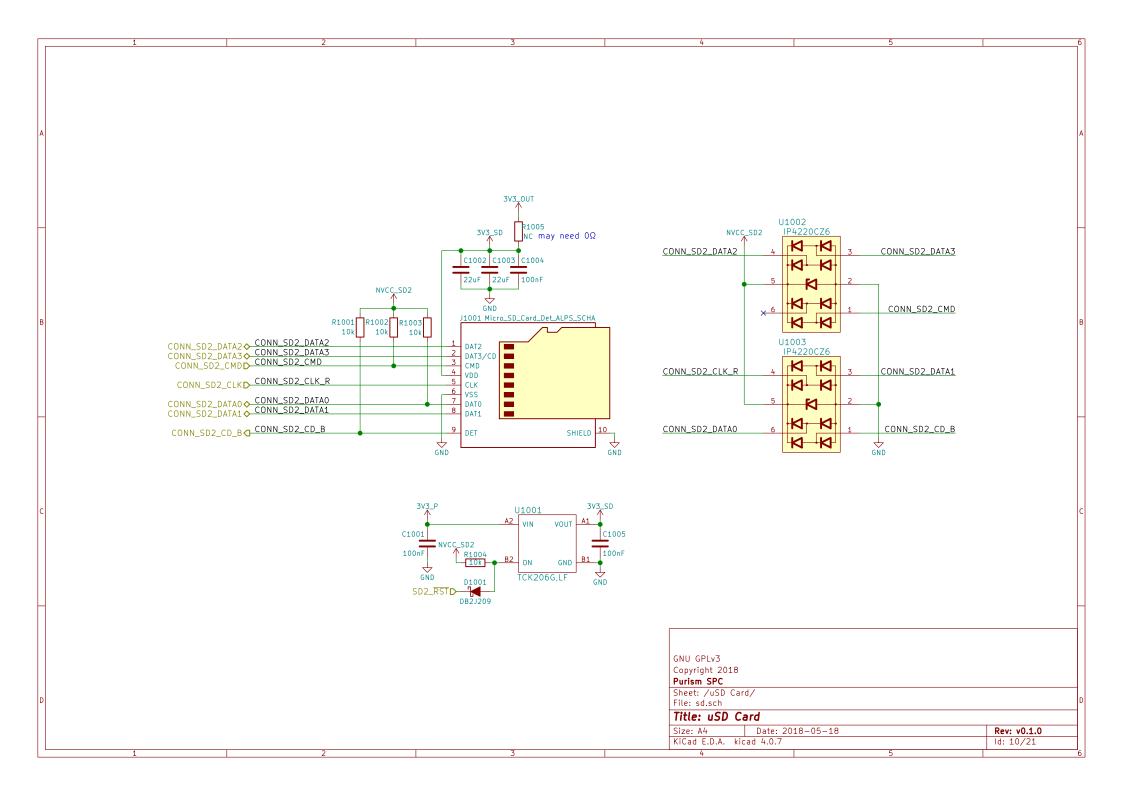


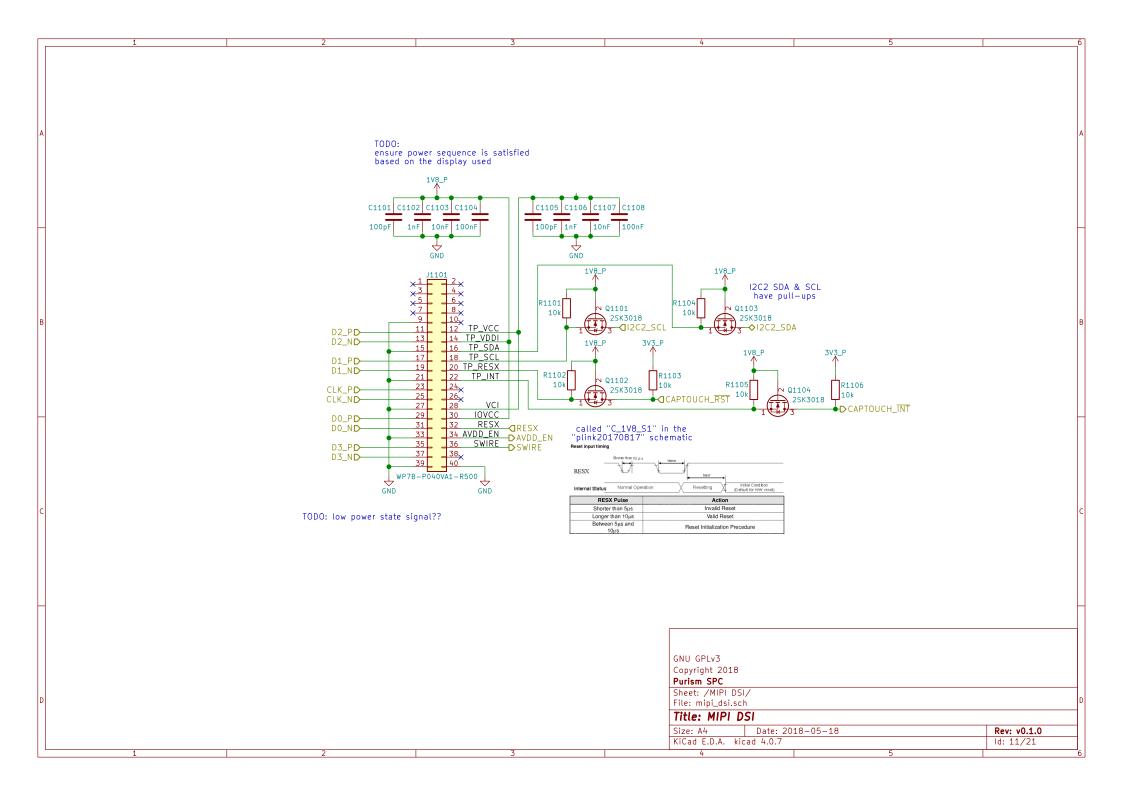




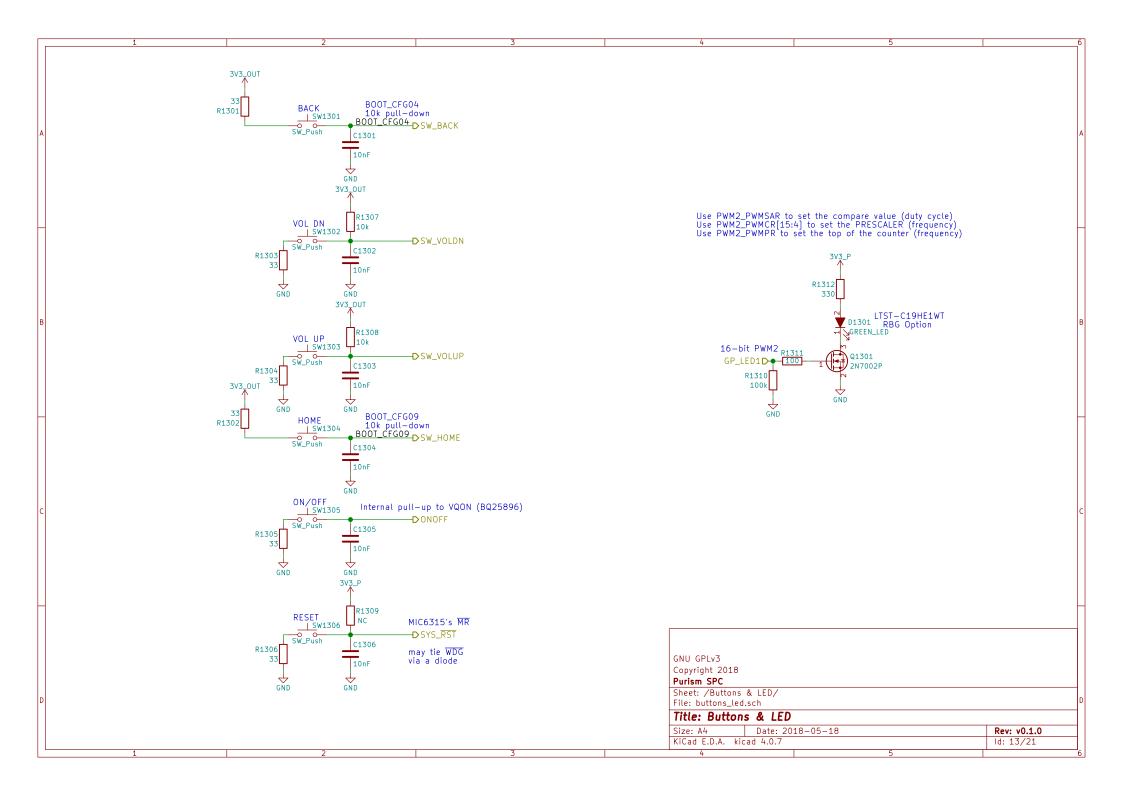


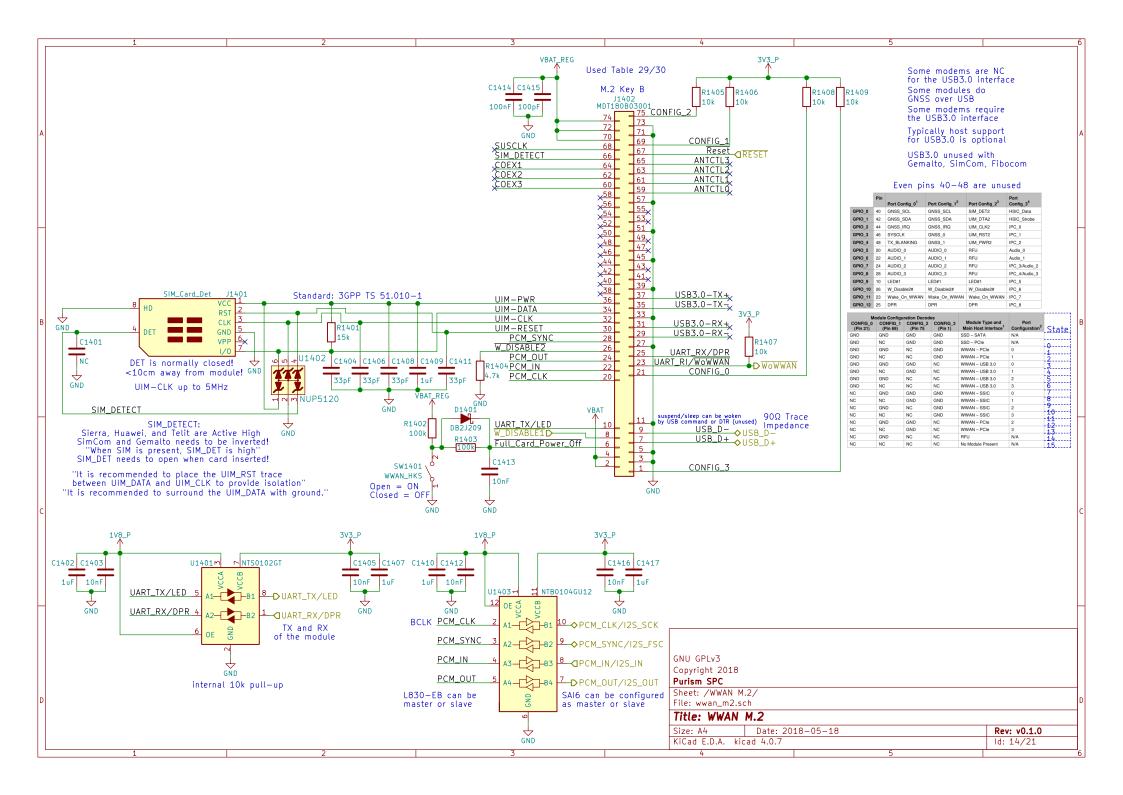


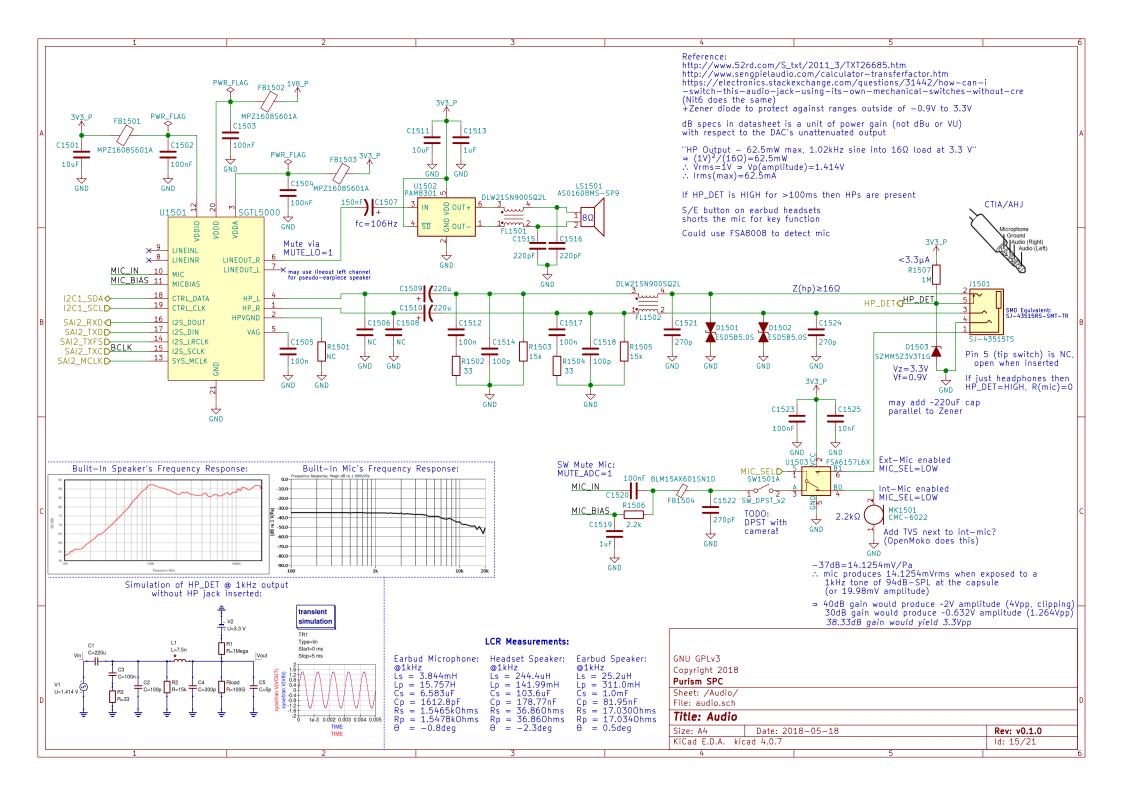


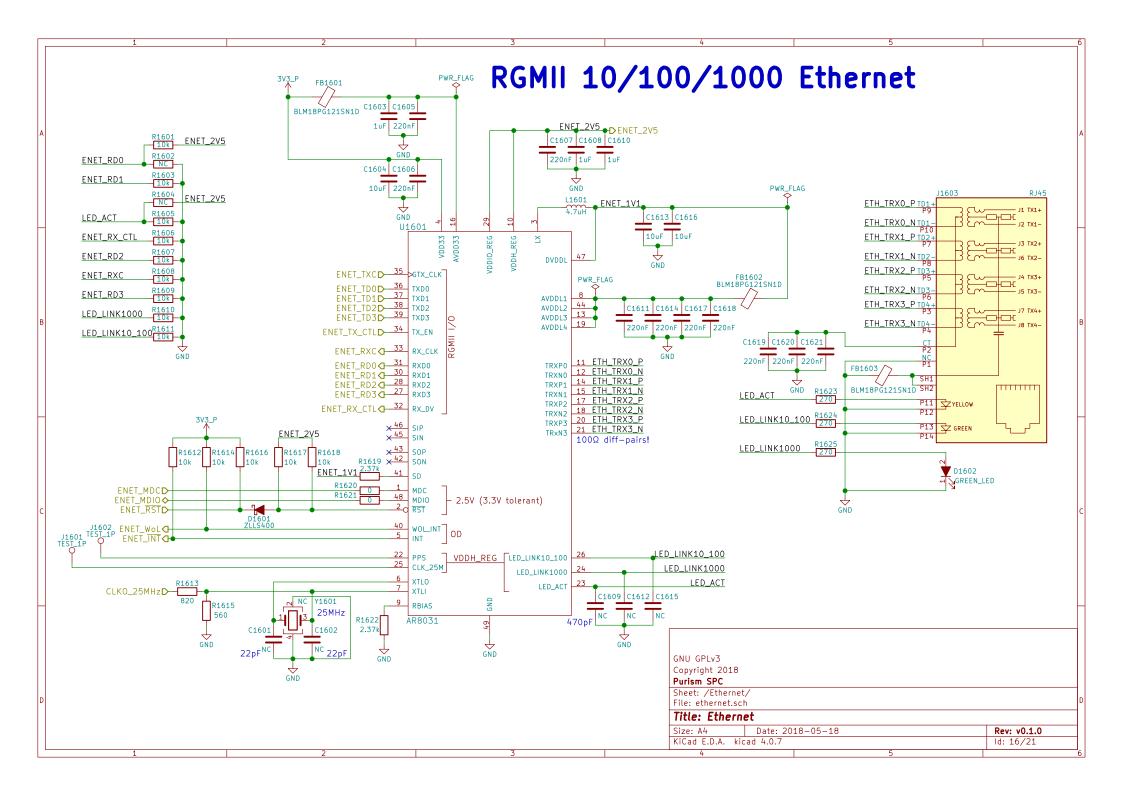


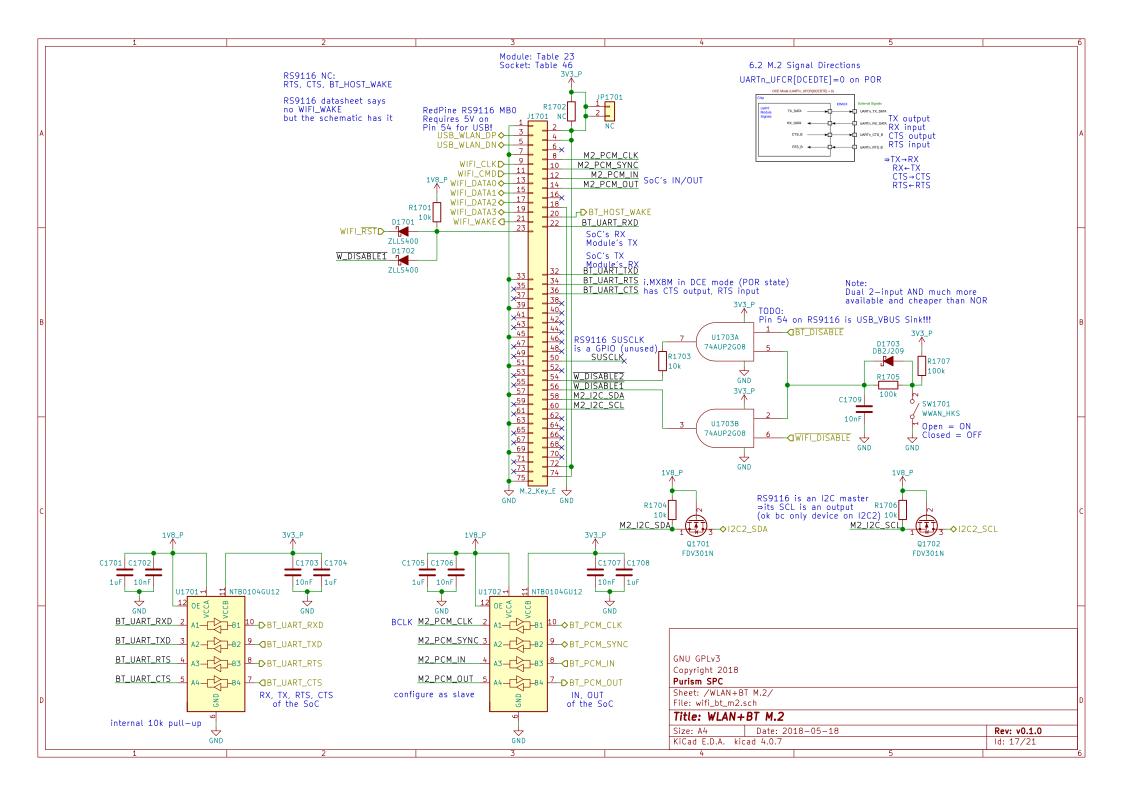
Г	1	2	3		4	5	6
А							A
H							H
			⊁D CSI_P1_DP0				
В			<pre>*D CSI_P1_DP0 *D CSI_P1_DN0 *D CSI_P1_DP1 *D CSI_P1_DN1 *D DSI_P1_DP2</pre>				В
			XDCSI_P1_DN2 XDCSI_P1_DP3				
			*DCSI_P1_DN3 *dCSI_P1_CKP *dCSI_P1_CKN				
			X desi_i 1_eiiii				
С							C
H							
D				She File	eet: /MIPI CSI/ e: mipi_csi.sch	 	D
				Tit Size	: le: e: A4 Date:		Rev:
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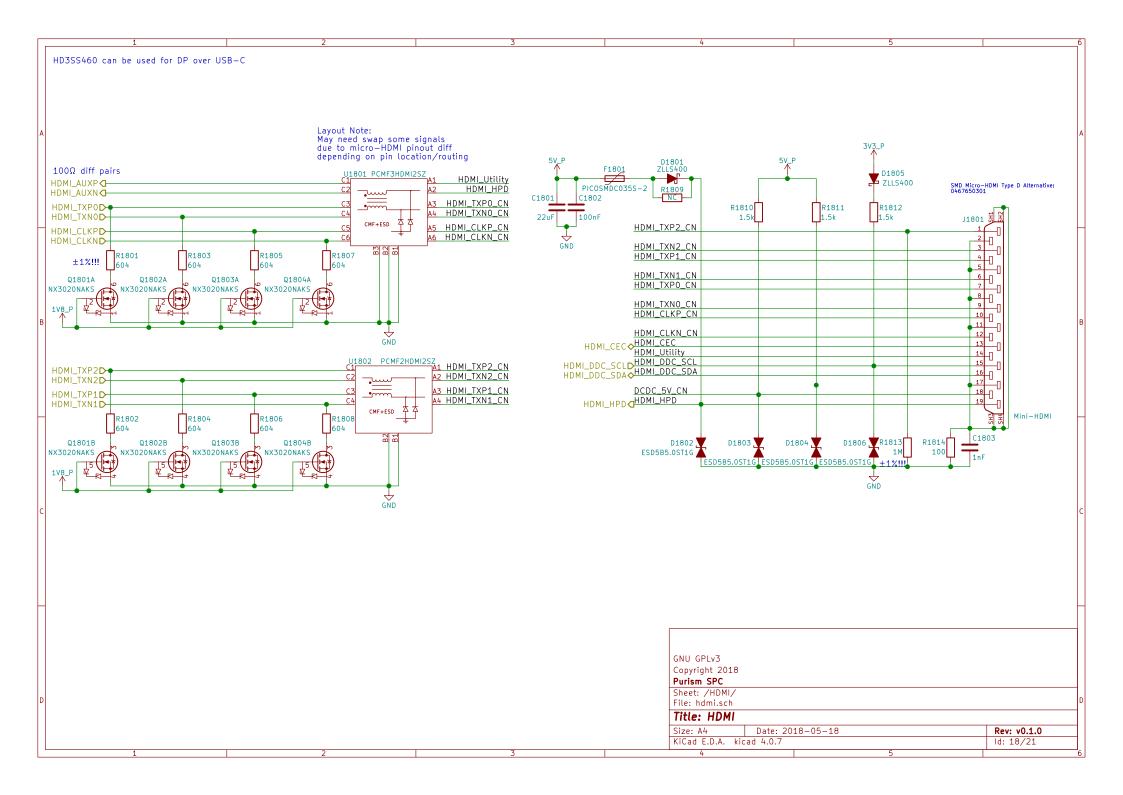




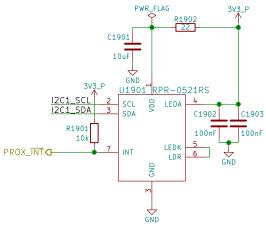




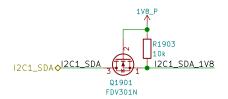




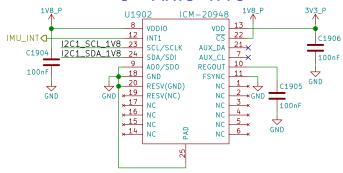
Proximity & Ambient Light



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"

I2C's VIH=1.8V

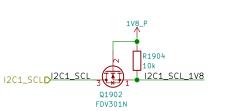




Figure 12. Orientation of Axes of Sensitivity and Polarity of Rotation



Figure 13. Orientation of Axes of Sensitivity for Magnetometr

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Purism SPC
Sheet: /Sensors/
File: sensors.sch

Title: Sensors

 Size: A4
 Date: 2018-05-18
 Rev: v0.1.0

 KiCad E.D.A. kicad 4.0.7
 Id: 19/21

