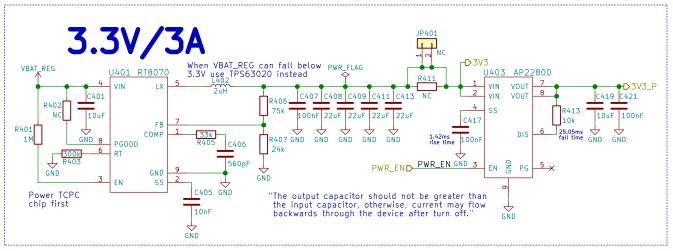
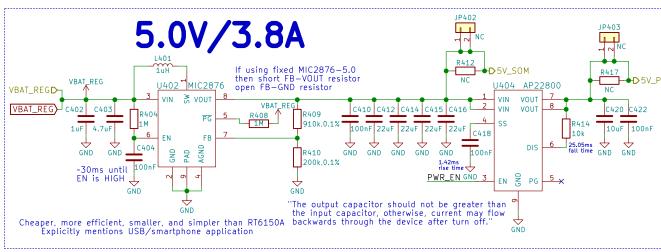
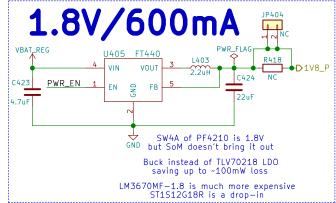


GNU GPLv3
Copyright 2018
Purism SPC
Sheet: /Battery/
File: battery.sch

Title: Battery
Size: A4 Date: 2018-05-18 Rev: v0.1.0
KiCad E.D.A. kicad 4.0.7 Id: 3/22







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

GNU GPLv3 Copyright 2018

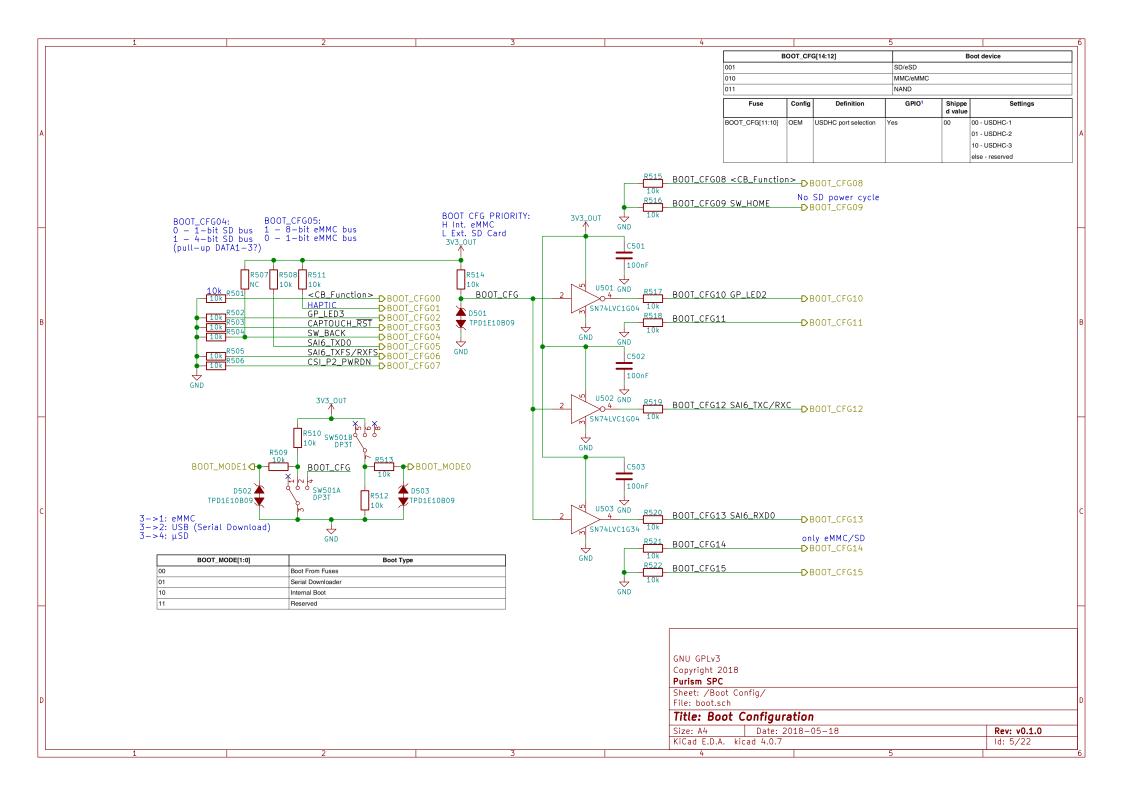
Purism SPC

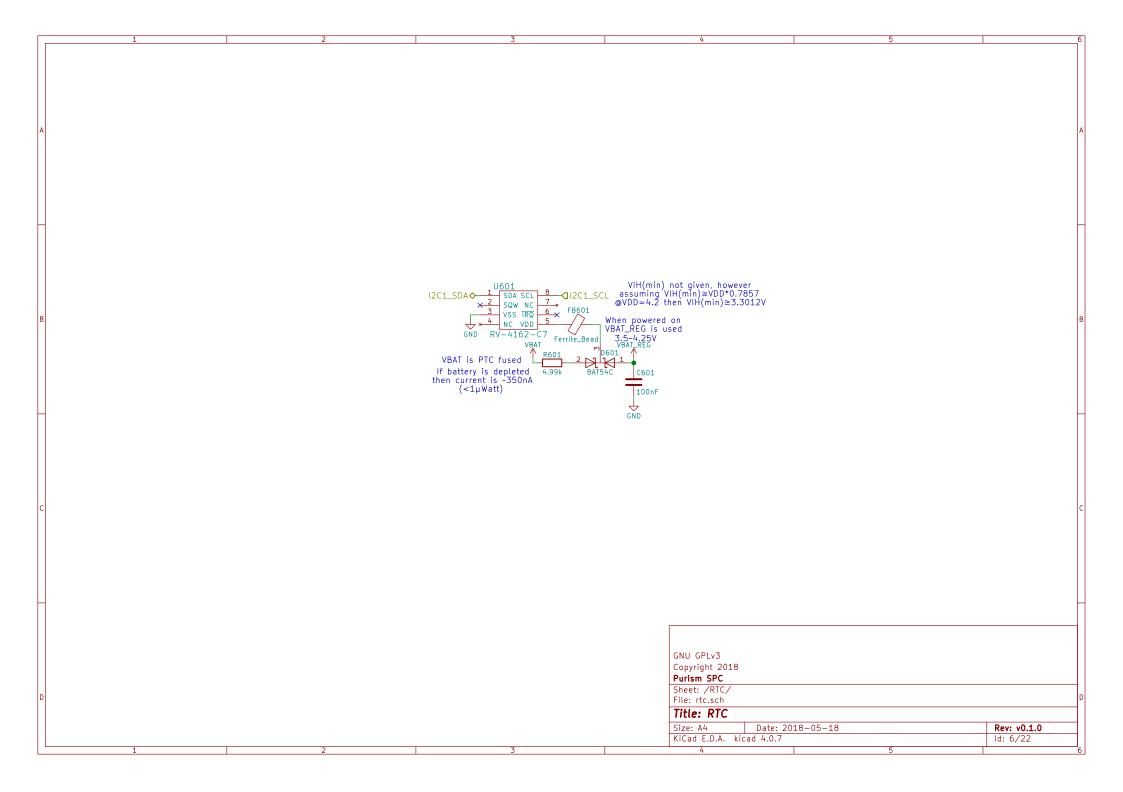
Sheet: /Power/ File: power.sch

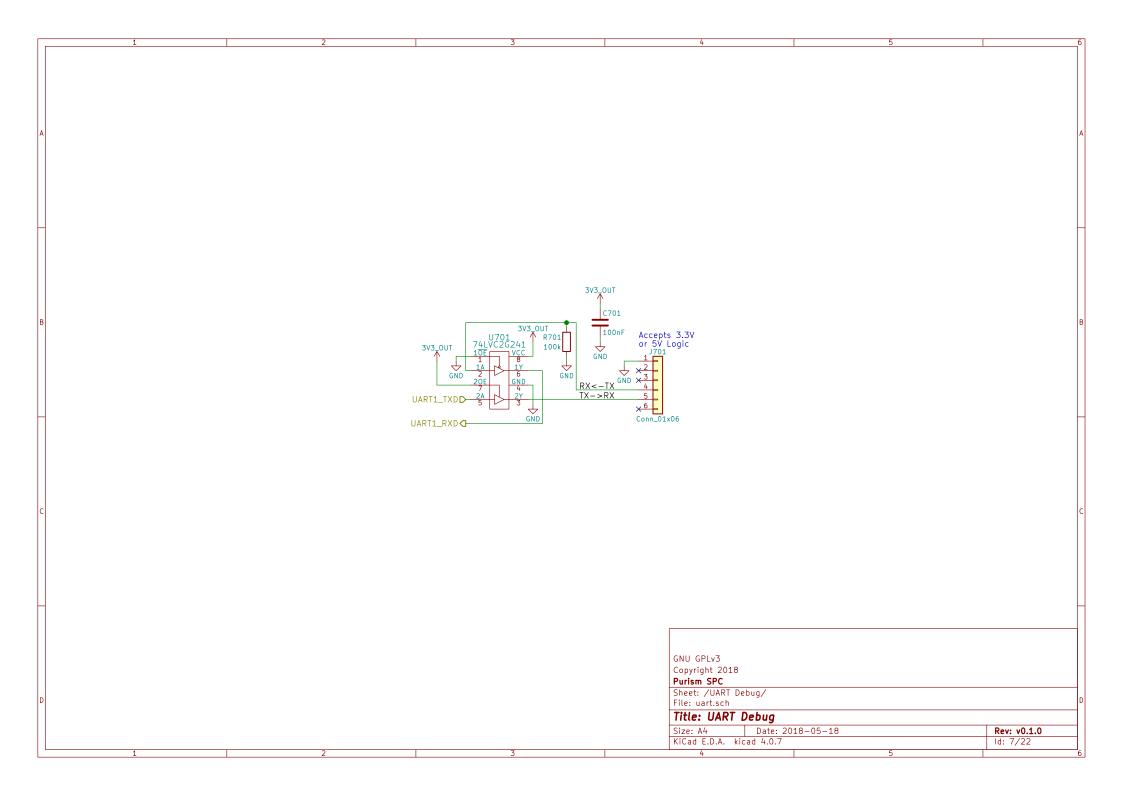
Title: Power

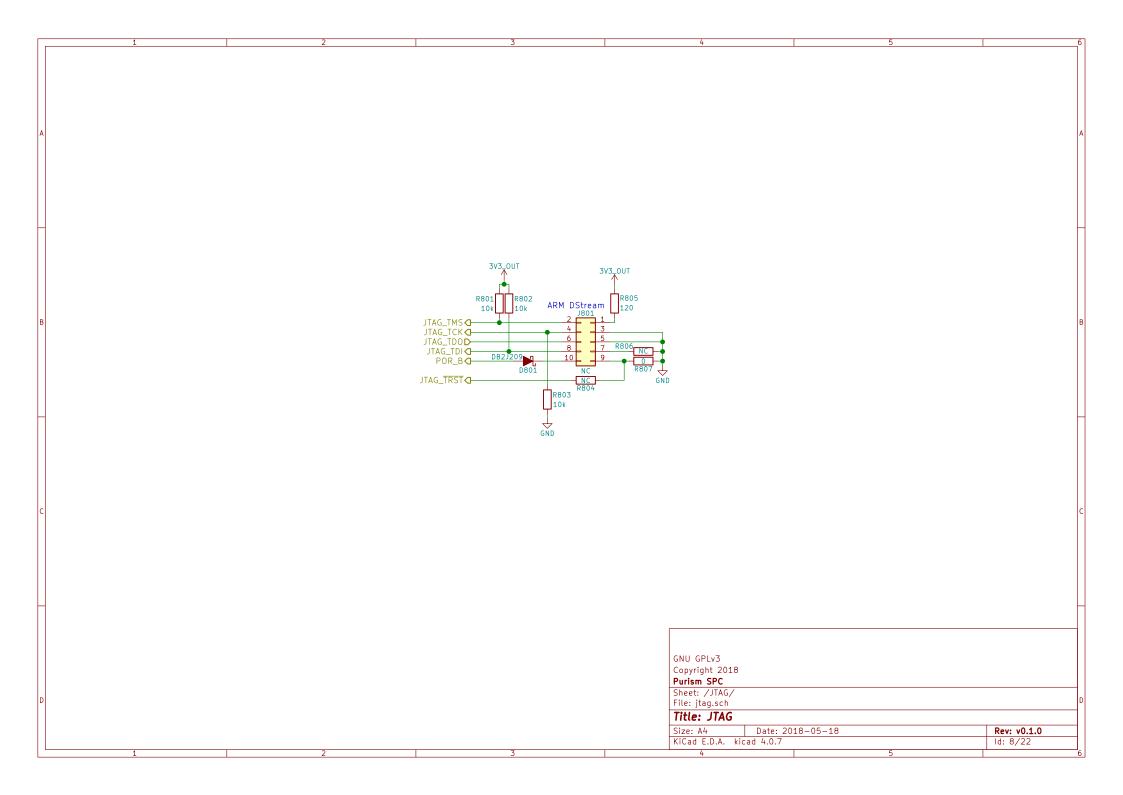
 Size: A4
 Date: 2018-05-18
 Rev: v0.1.0

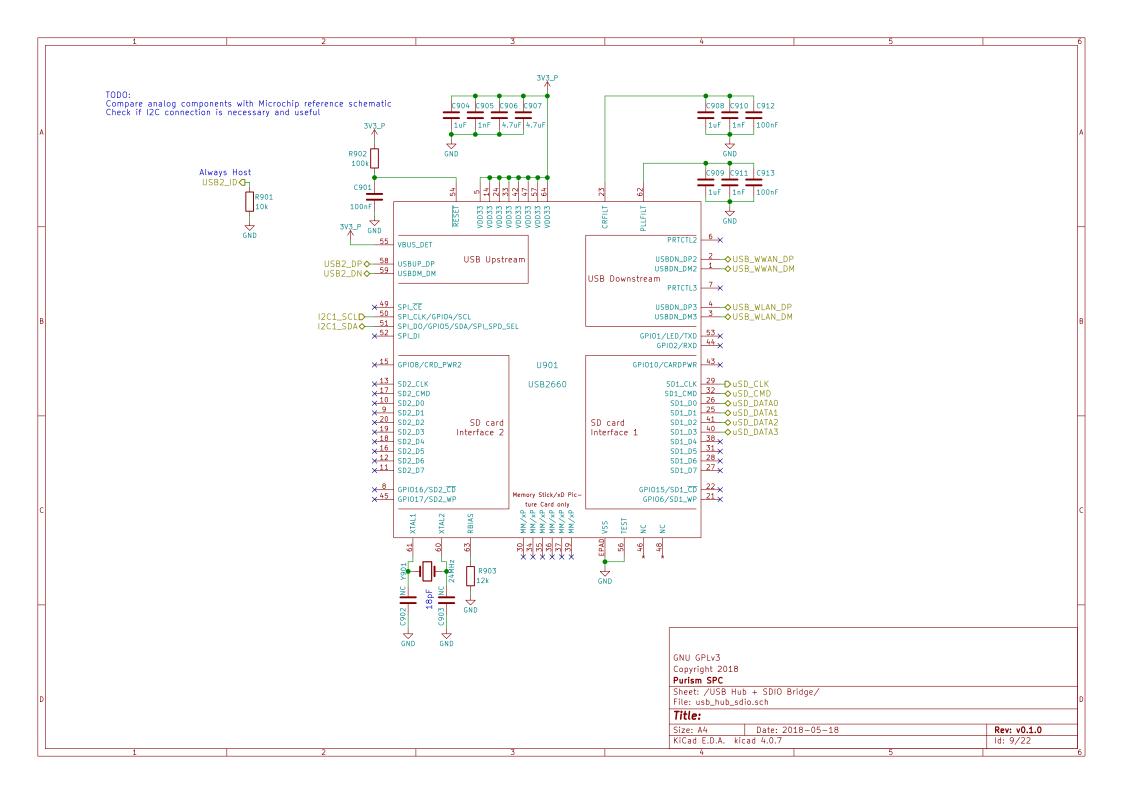
 KiCad E.D.A. kicad 4.0.7
 Id: 4/22

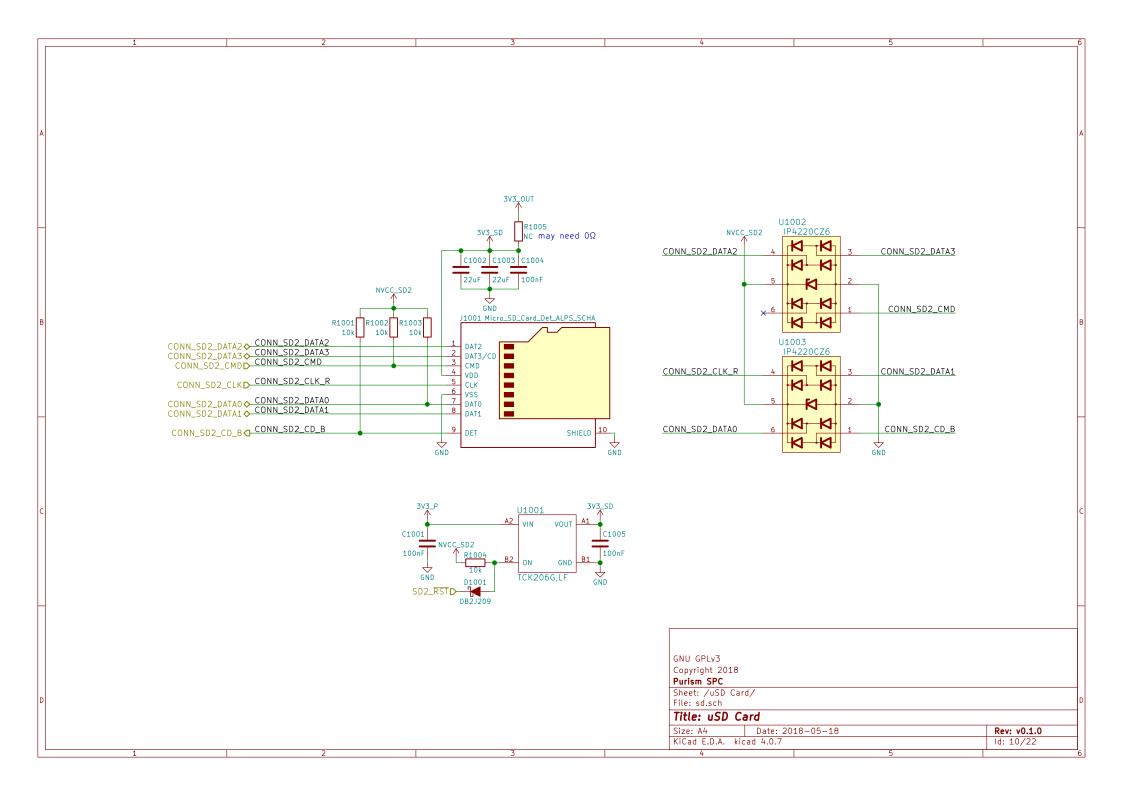


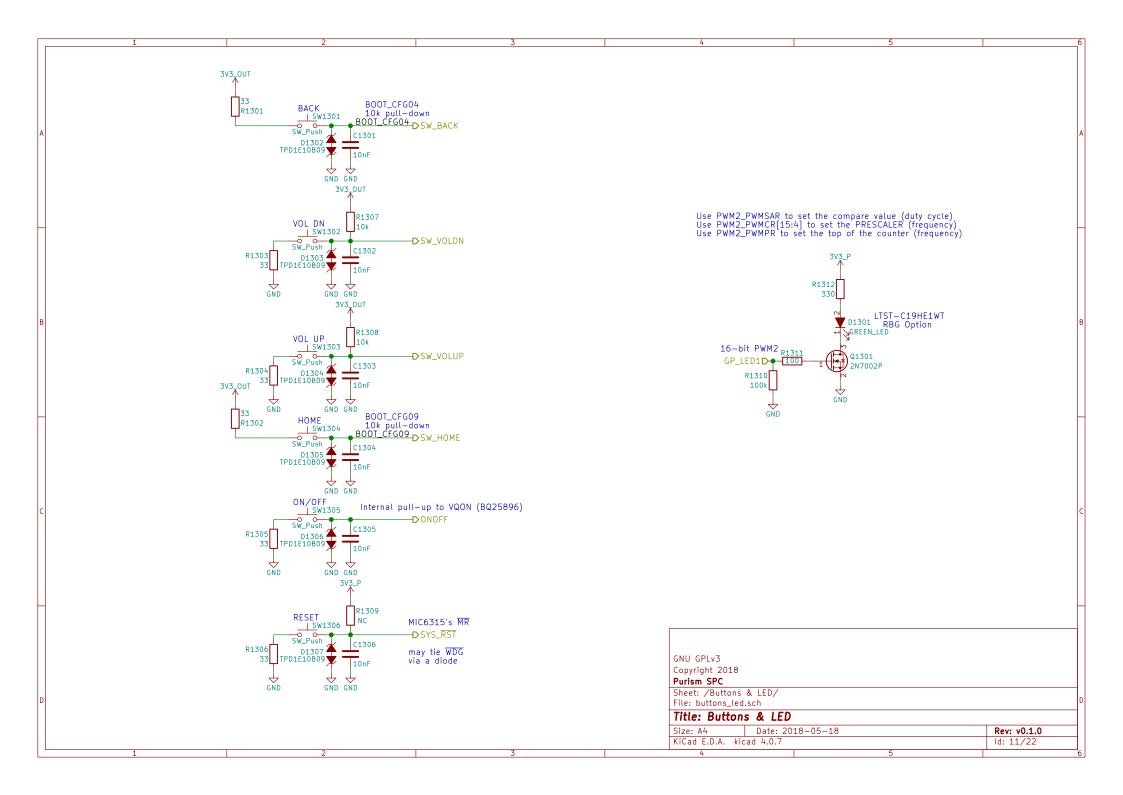


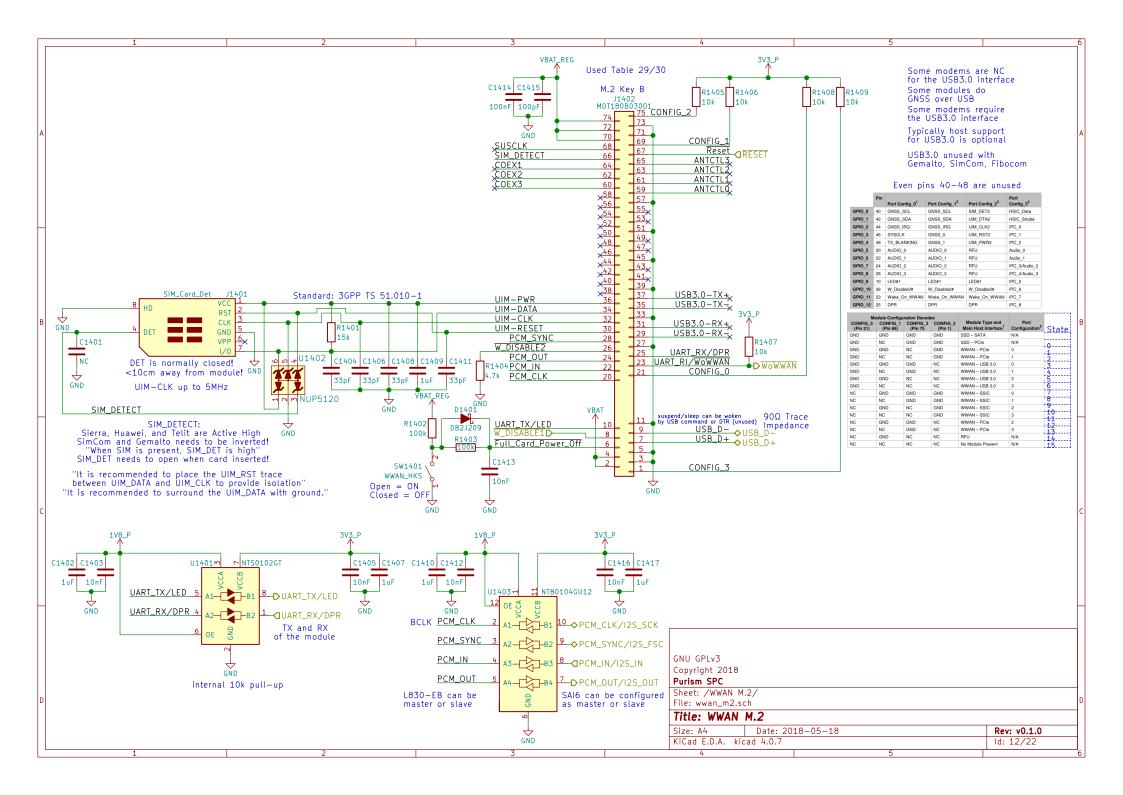


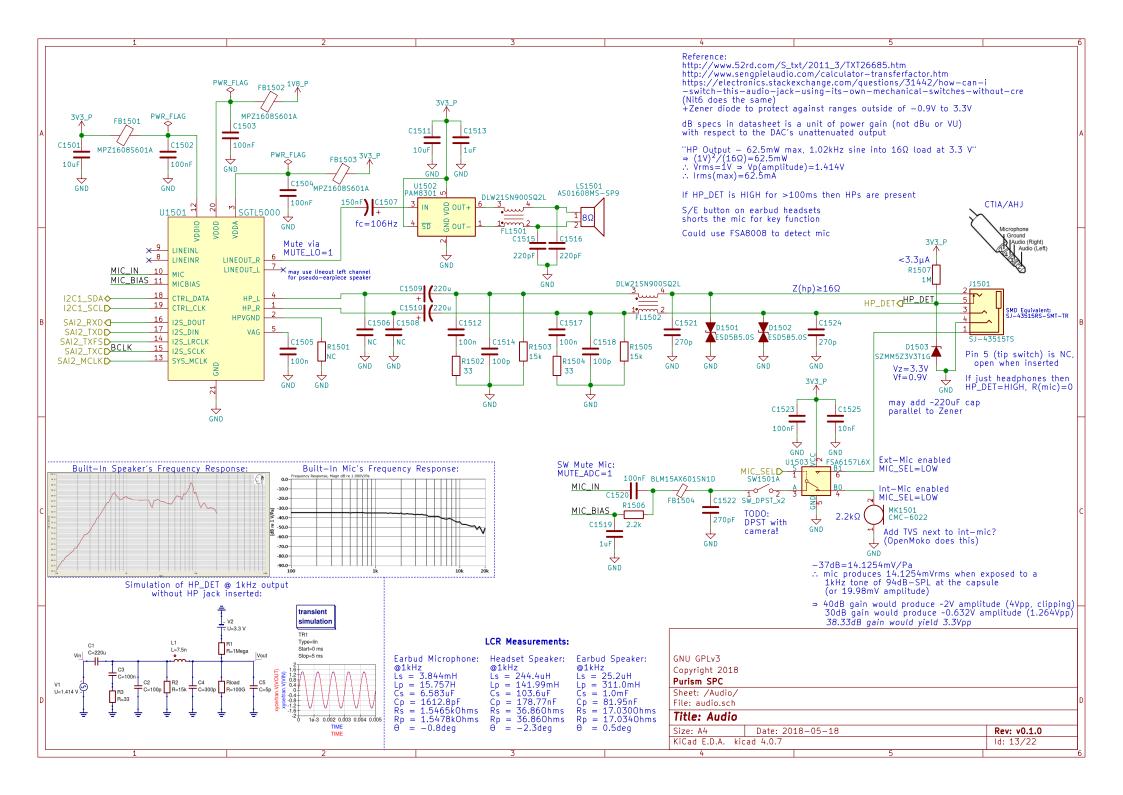


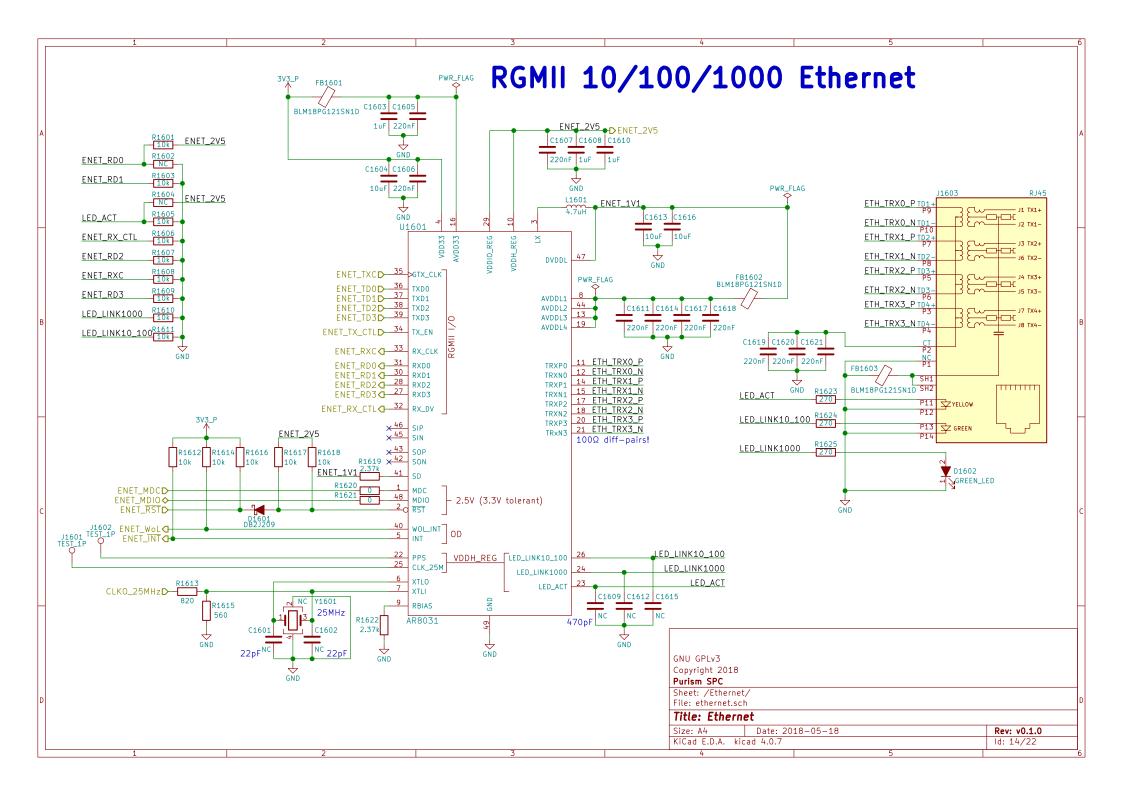


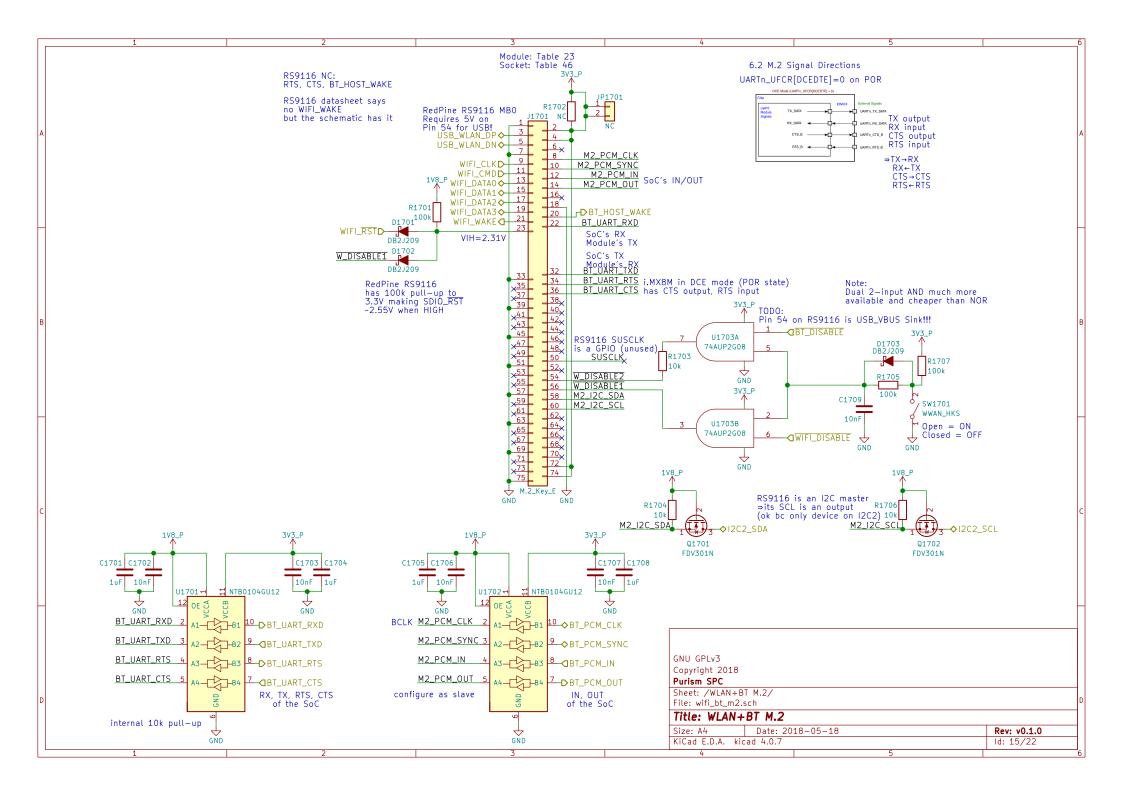


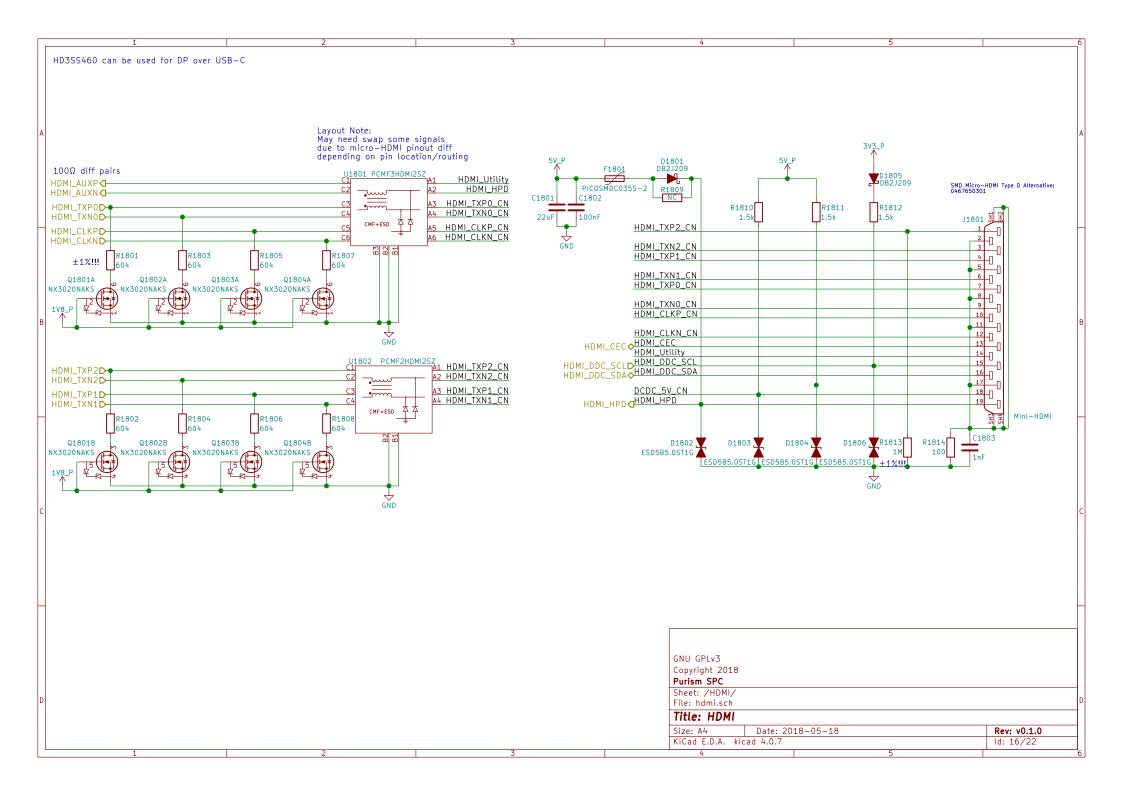




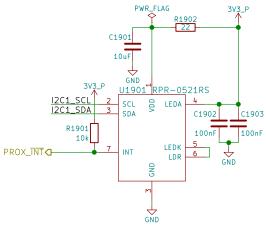




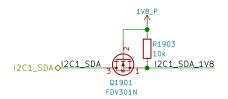




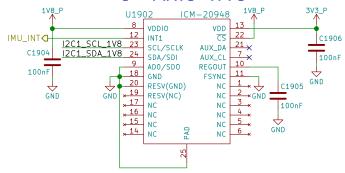
## Proximity & Ambient Light



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



## 9-Axis IMU



Reference:

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

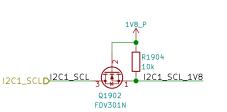




Figure 12. Orientation of Axes of Sensitivity and Polarity of Rotation



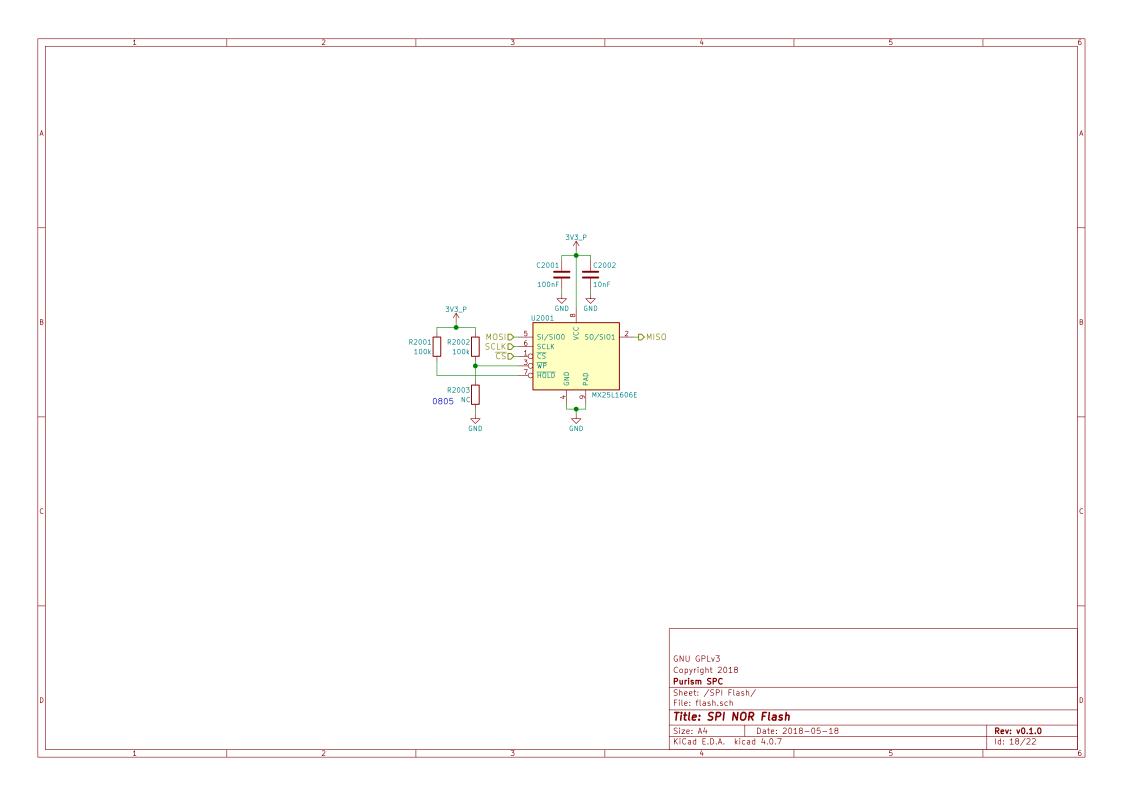
Figure 13. Orientation of Axes of Sensitivity for Magnetometer

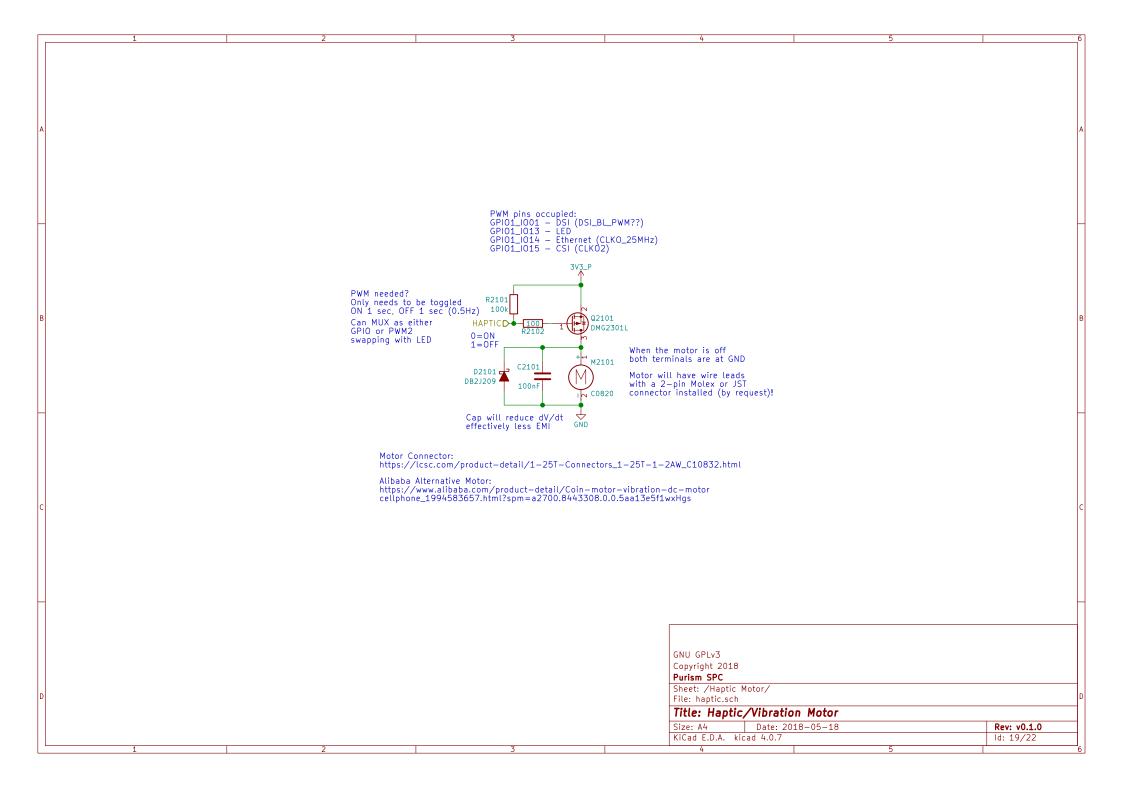
GNU GPLv3
Copyright 2018
Purism SPC
Sheet: /Sensors/
File: sensors.sch

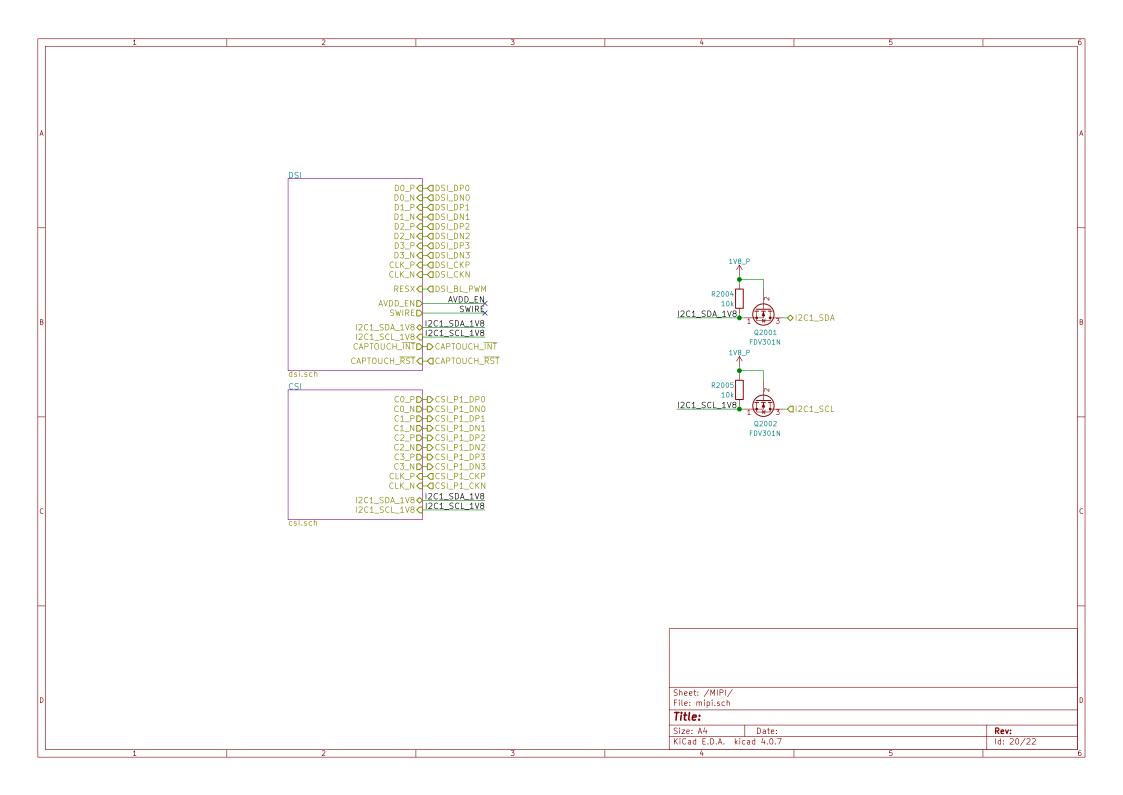
Title: Sensors

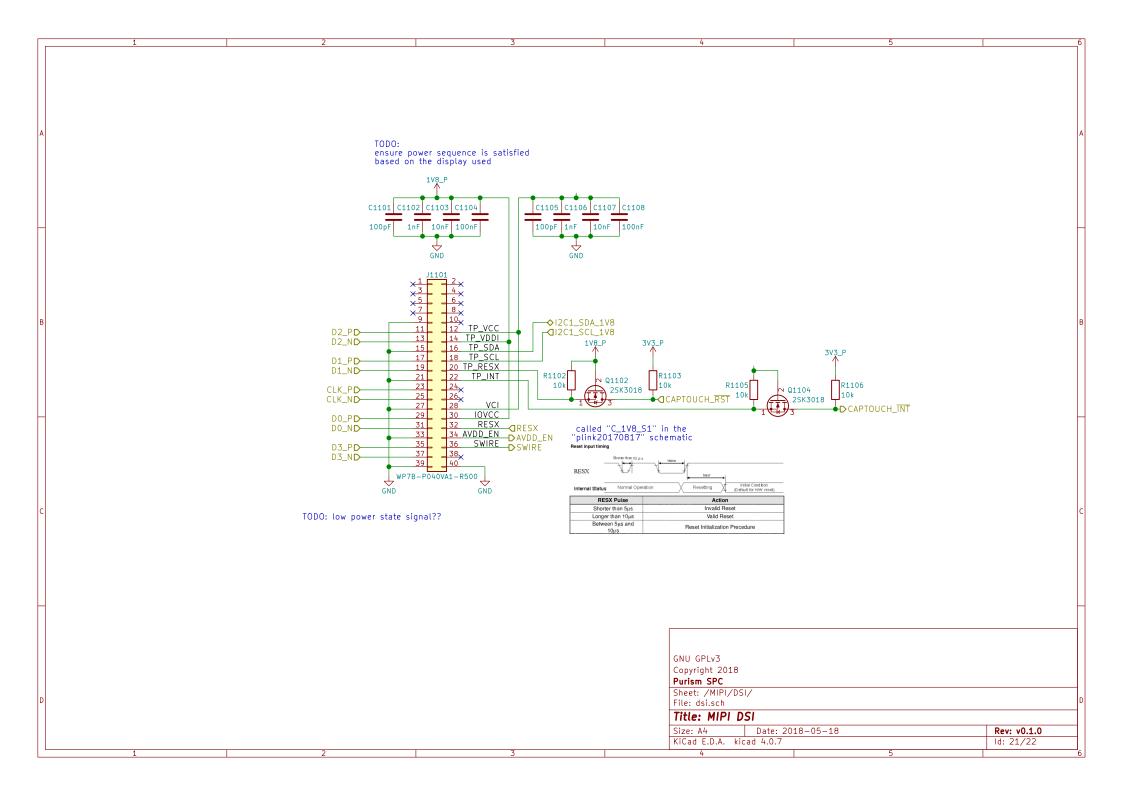
 Size: A4
 Date: 2018-05-18
 Rev: v0.1.0

 KiCad E.D.A. kicad 4.0.7
 Id: 17/22









	1		2	,	3		4	5	6
А									A
В					*DC0_P *DC0_N *DC1_P *DC1_N				В
					*DC1_N *DC2_P *DC2_N				
					*DC2_P *DC2_N *DC3_P *DC3_N *DC3_N *DC3_N				
					*dCLK_N -\$12C1_SDA_1V8 -d12C1_SCL_1V8				
D						Shee	t: /MIPI/CSI/ csi.sch		
						File: <b>Titl</b> e Size:	<b>:</b> :		Pev
	1	2	2		3	KiCa	d E.D.A. kicad 4.0.7	5	Rev:   Id: 22/22