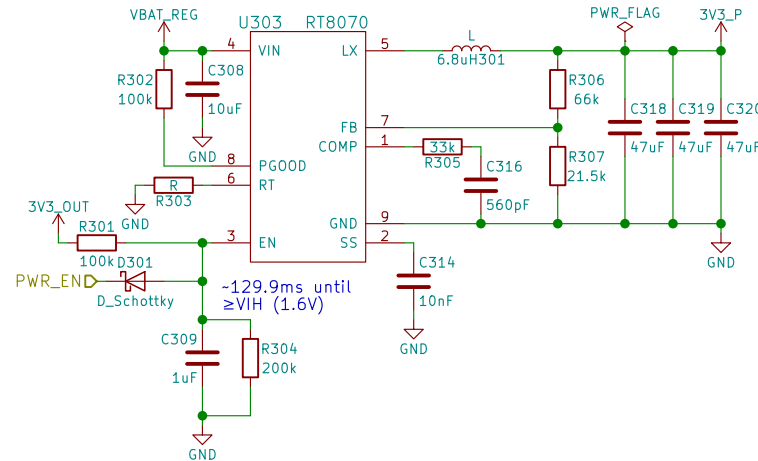




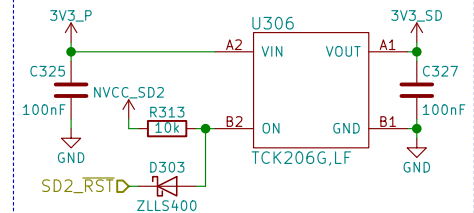
Id: 2/14

3.3V/3A

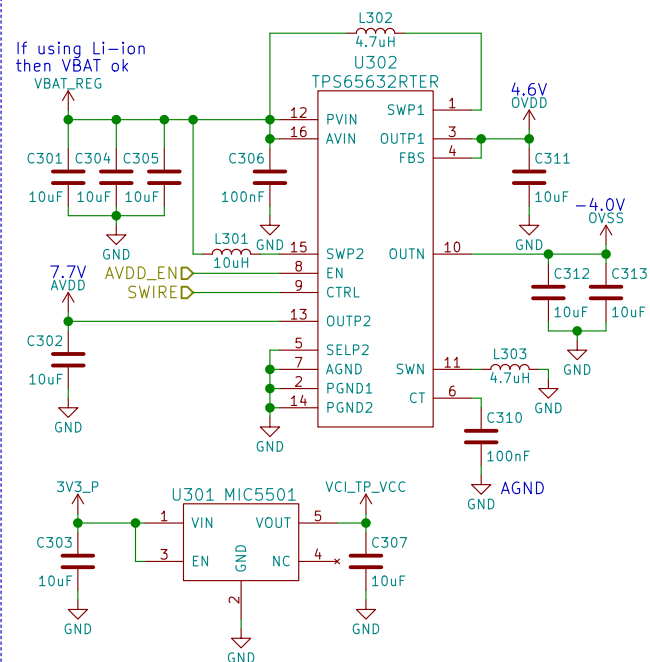
When VBAT can fall below 3.3V use TPS63020 instead!



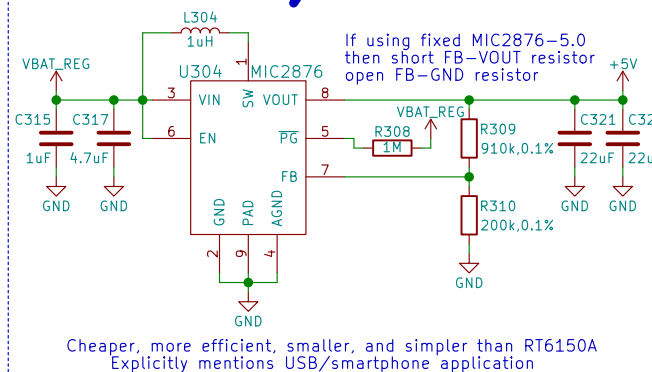
SD POWER



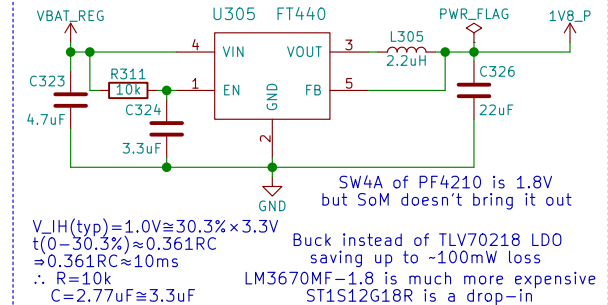
AMOLED POWER



5.0V/3.8A



1.8V/600mA



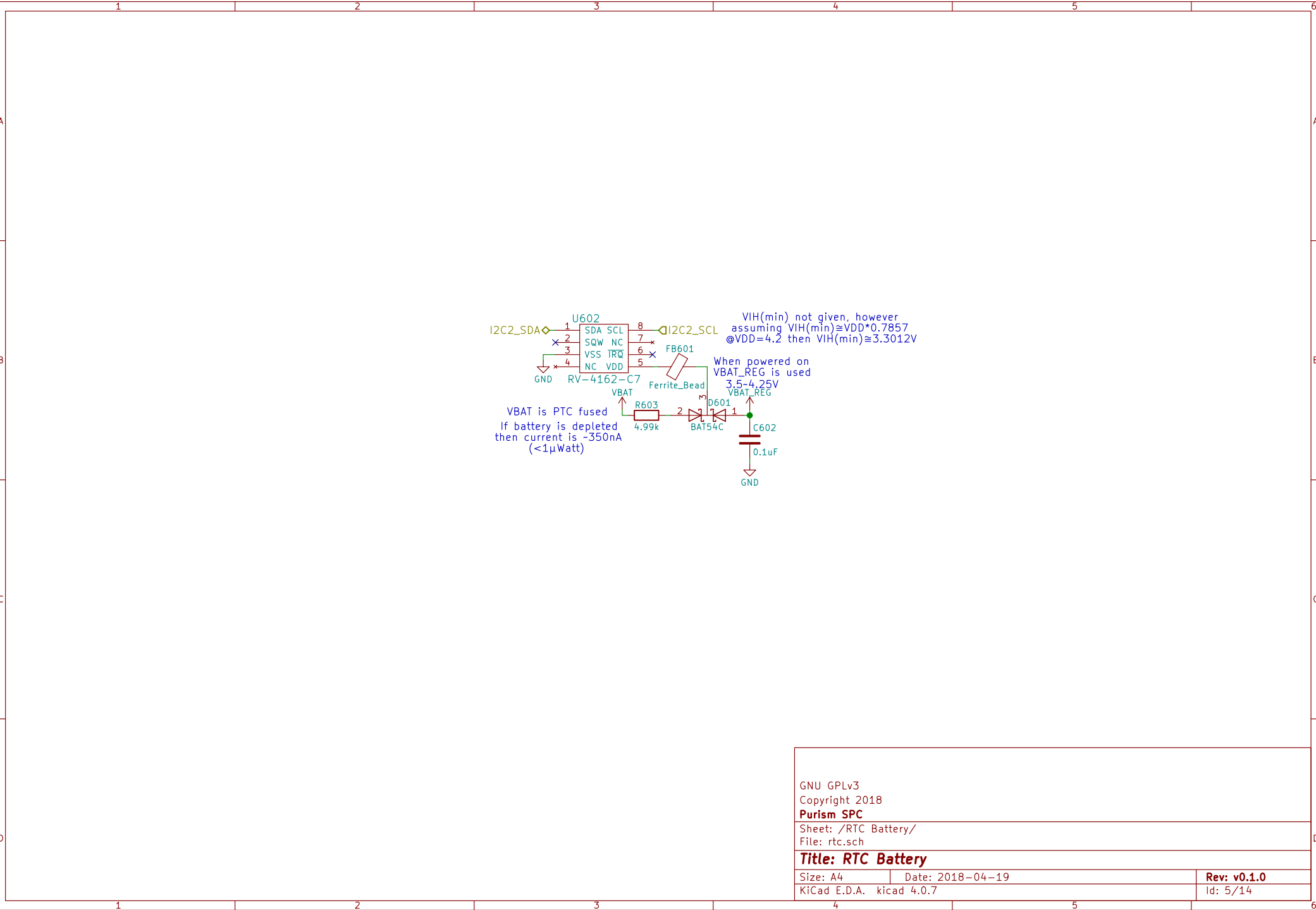
GNU GPLv3
Copyright 2018
Purism SPC

Sheet: /Power/
File: power.sch

Title: Power

Size: A4 Date: 2018-04-19
KiCad E.D.A. kicad 4.0.7

Rev: v0.1.0
Id: 3/14



GNU GPLv3
Copyright 2018

Purism SPC

Sheet: /RTC Battery/
File: rtc.sch

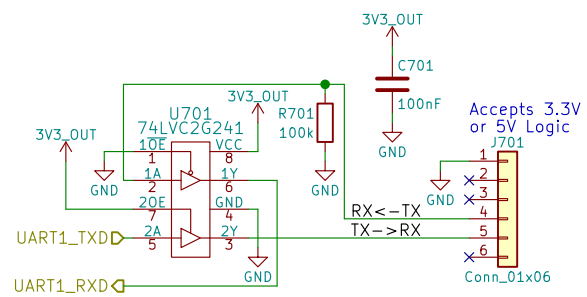
Title: RTC Battery

Size: A4 Date: 2018-04-19

KiCad E.D.A. kicad 4.0.7

Rev: v0.1.0

Id: 5/14



GNU GPLv3
Copyright 2018

Purism SPC

Sheet: /UART Debug/
File: uart.sch

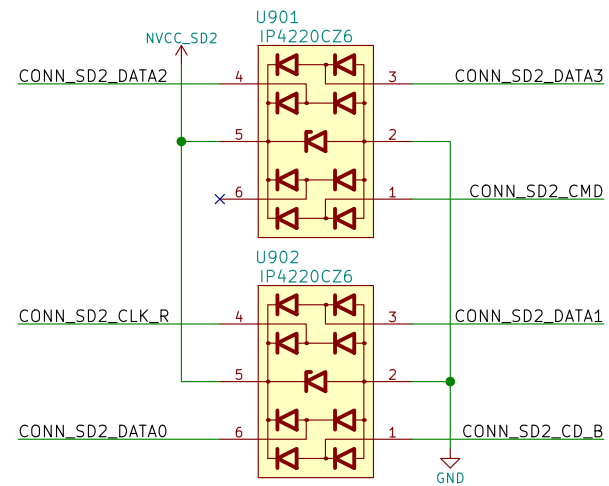
Title: UART Debug

Size: A4 Date: 2018-04-19

KiCad E.D.A. kicad 4.0.7

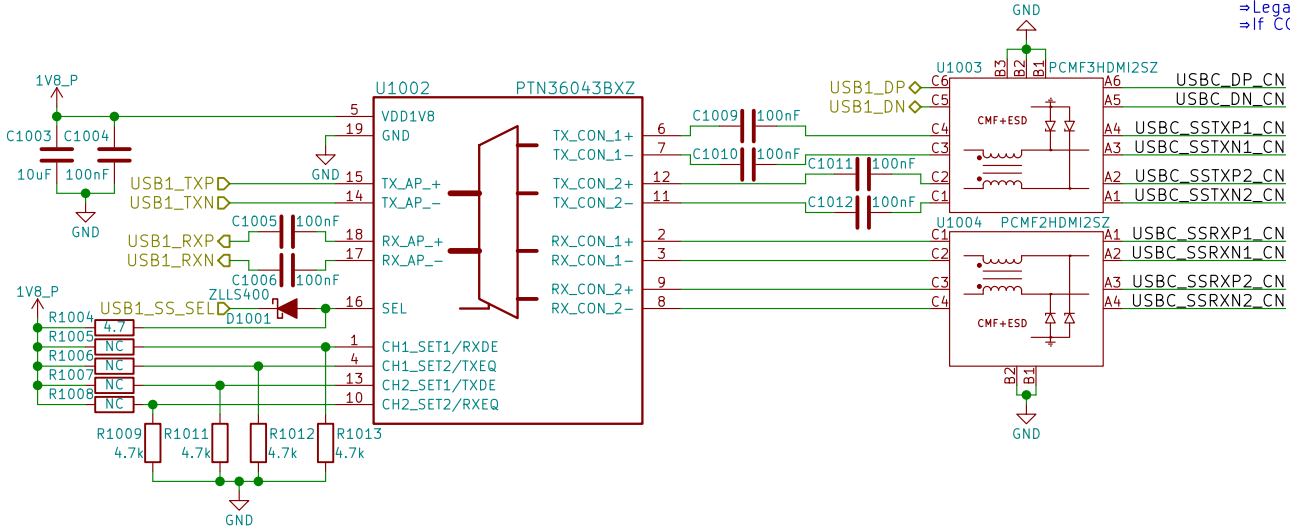
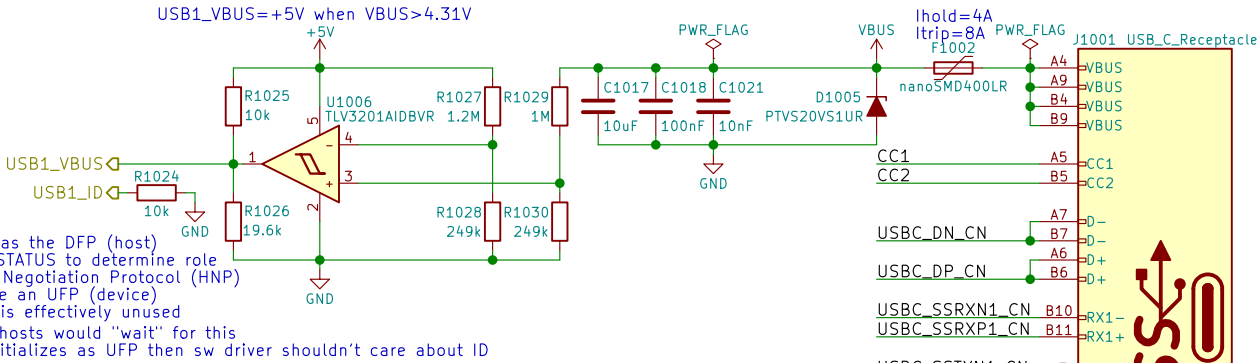
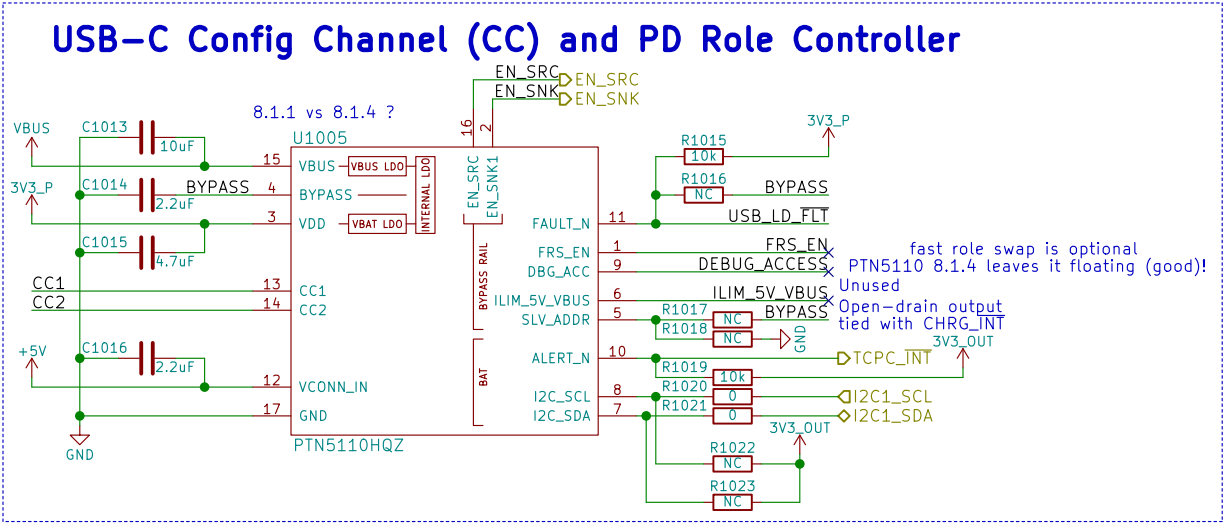
Rev: v0.1.0

Id: 6/14



Id: 8/14

"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)."

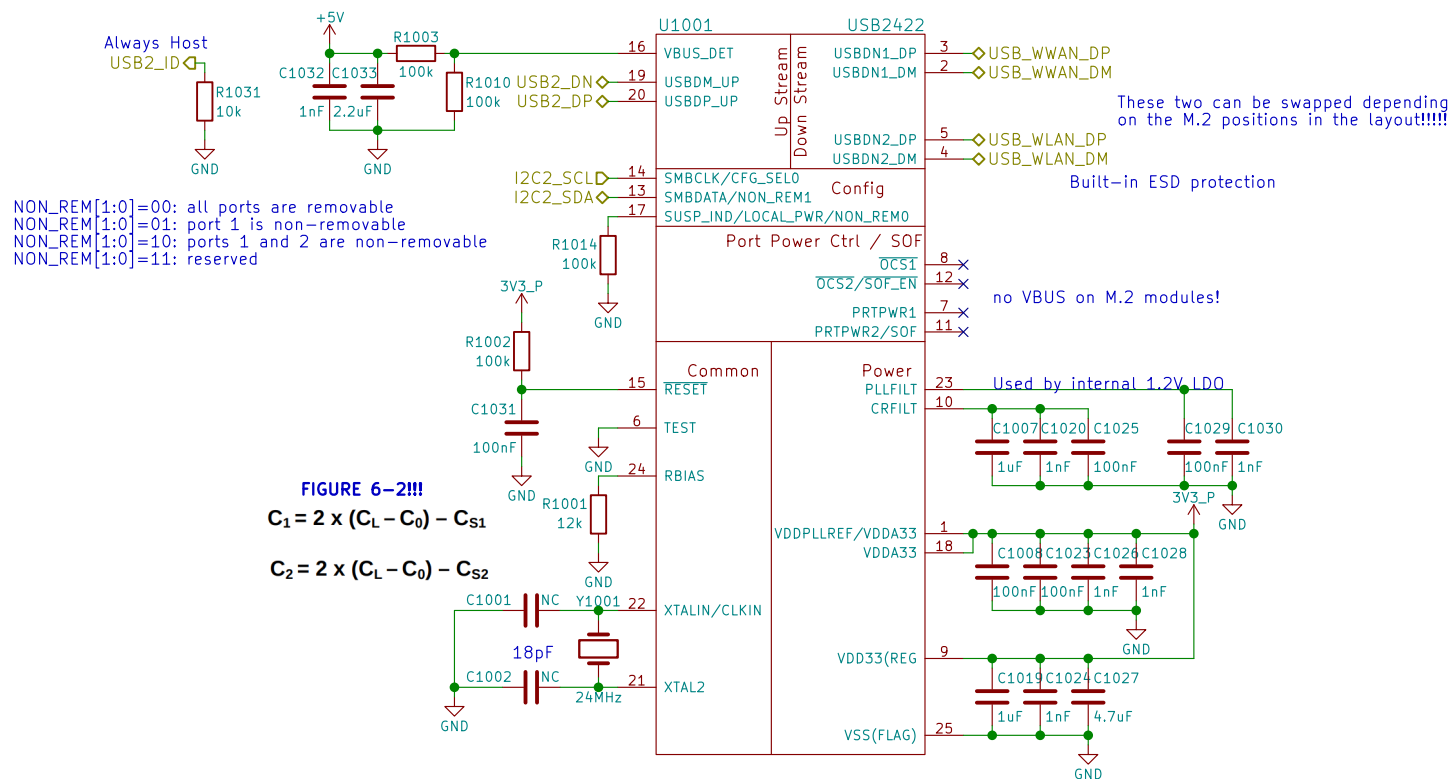


GNU GPLv3
Copyright 2018
Purism SPC
Sheet: /USB-C/
File: usb-c.sch

Title: USB Type C

Size: A3
Date: 2018-04-19
KiCad E.D.A. kicad 4.0.7

Rev: v0.1.0
Id: 9/14



GNU GPLv3

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Purism SPC

Sheet: /USB Hub/

File: usb_hub.sch

Title:

Size: A4

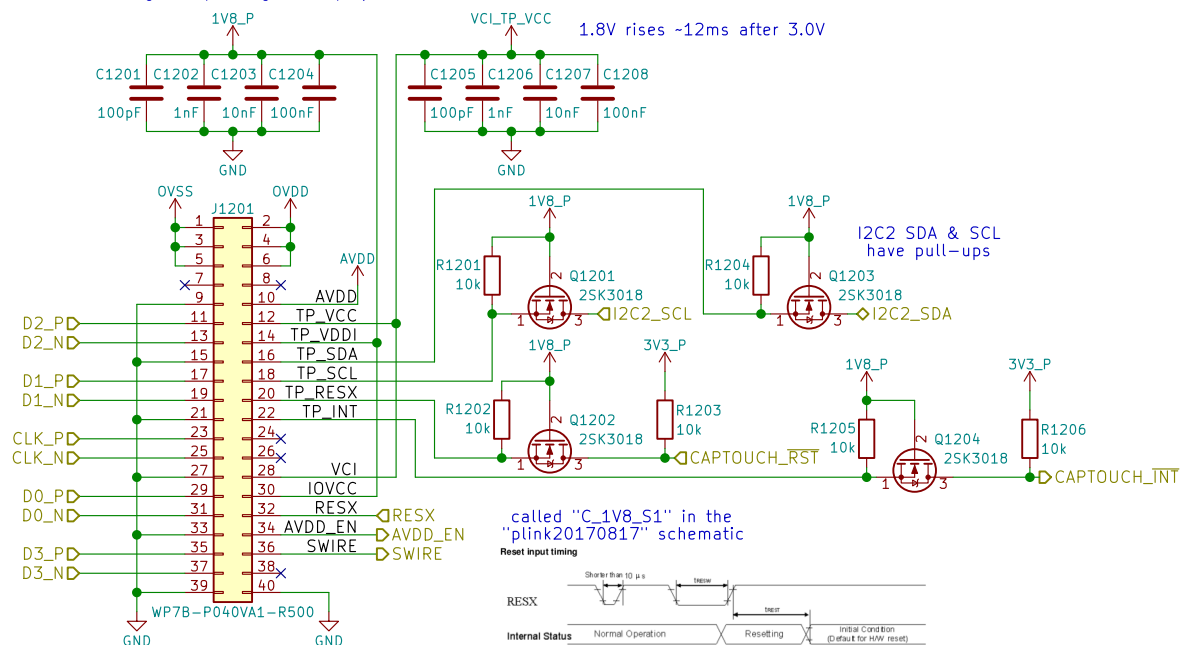
Date: 2018-04-19

Rev: v0.1.0

KiCad E.D.A. kicad 4.0.7

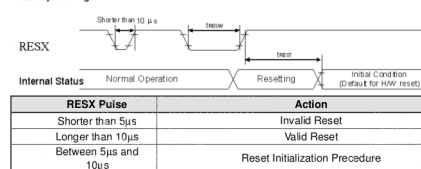
Id: 10/14

Using H546DLB01.1 pin assignment may need to be changed depending on display used



called "C_1V8_S1" in the "plink20170817" schematic

Reset input timing



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Purism SPC

Sheet: /MIPI DSI/
File: mipi_dsi.sch

Title: MIPI DSI

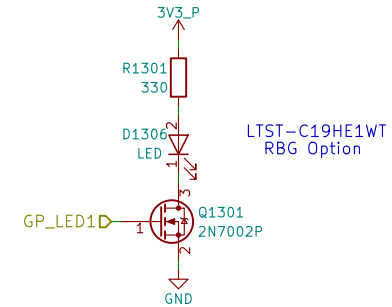
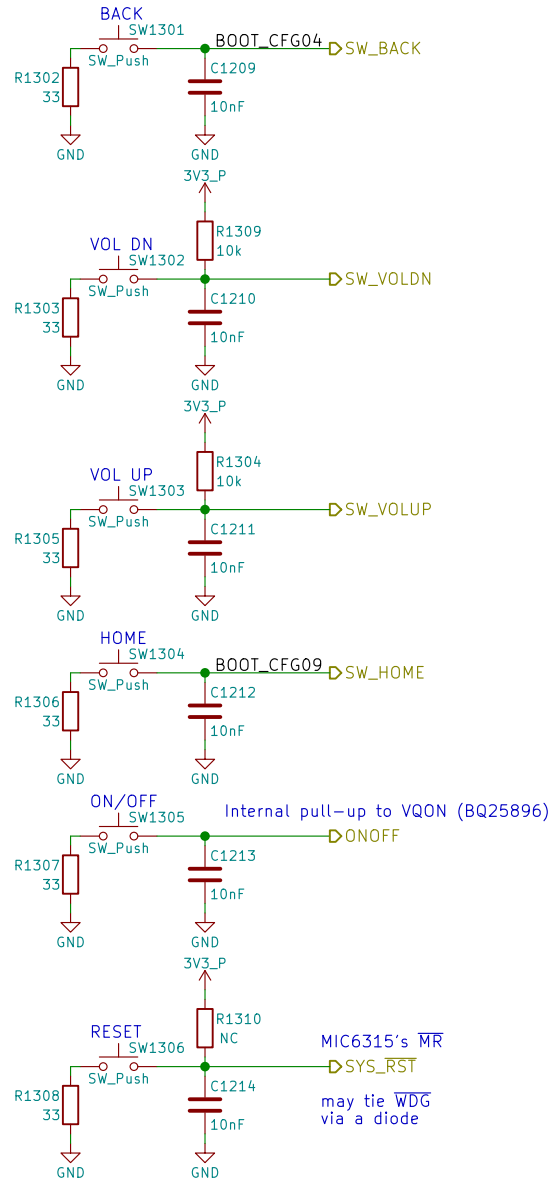
Size: A4 Date: 2018-04-19

KiCad E.D.A. kicad 4.0.7

Rev: v0.1.0

Id: 11/14

SW NOTE:
Need to set Int. PU in SOC
on SW_BACK and SW_HOME



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Purism SPC

Sheet: /Buttons & LED/
File: buttons_led.sch

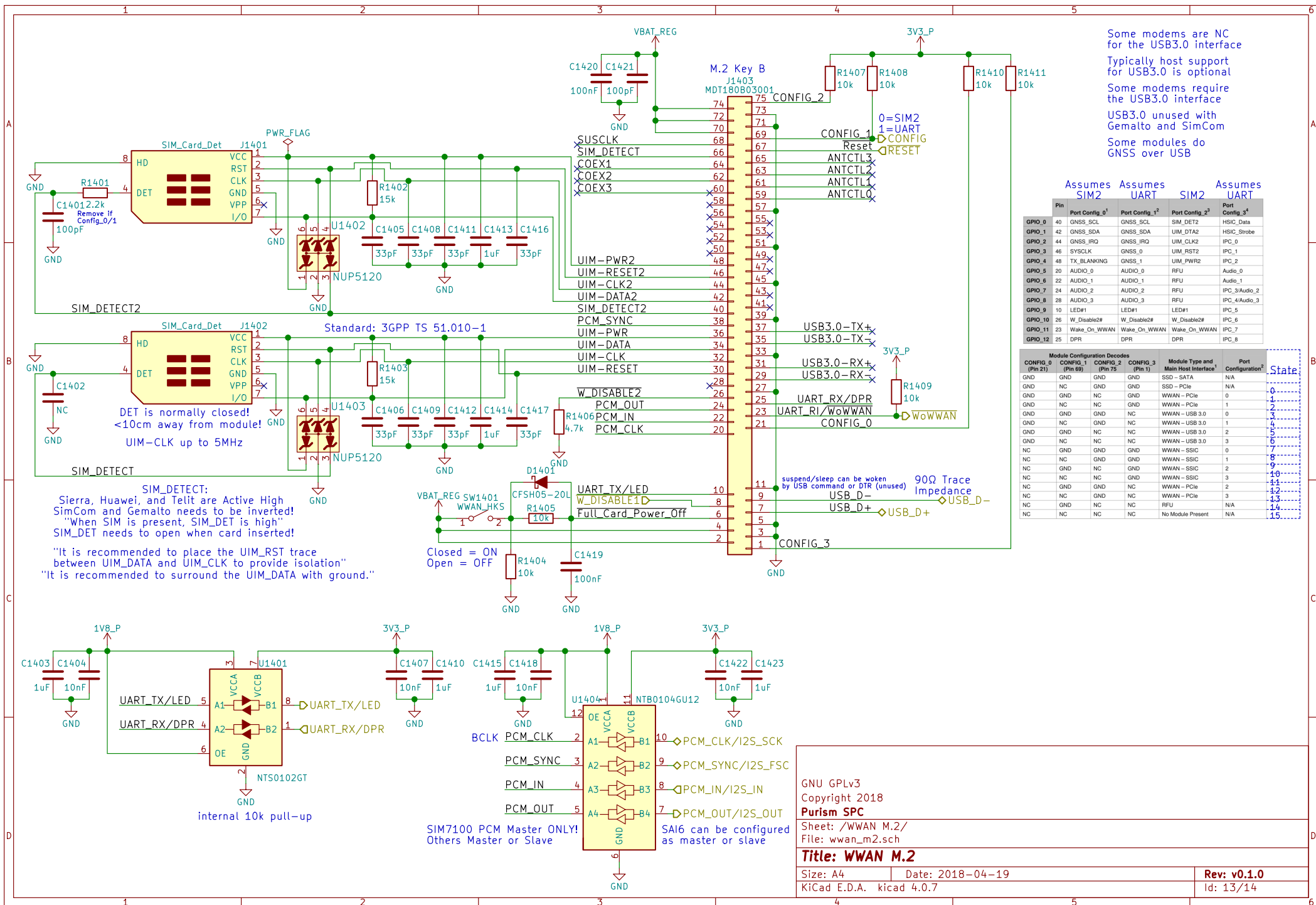
Title: Buttons & LED

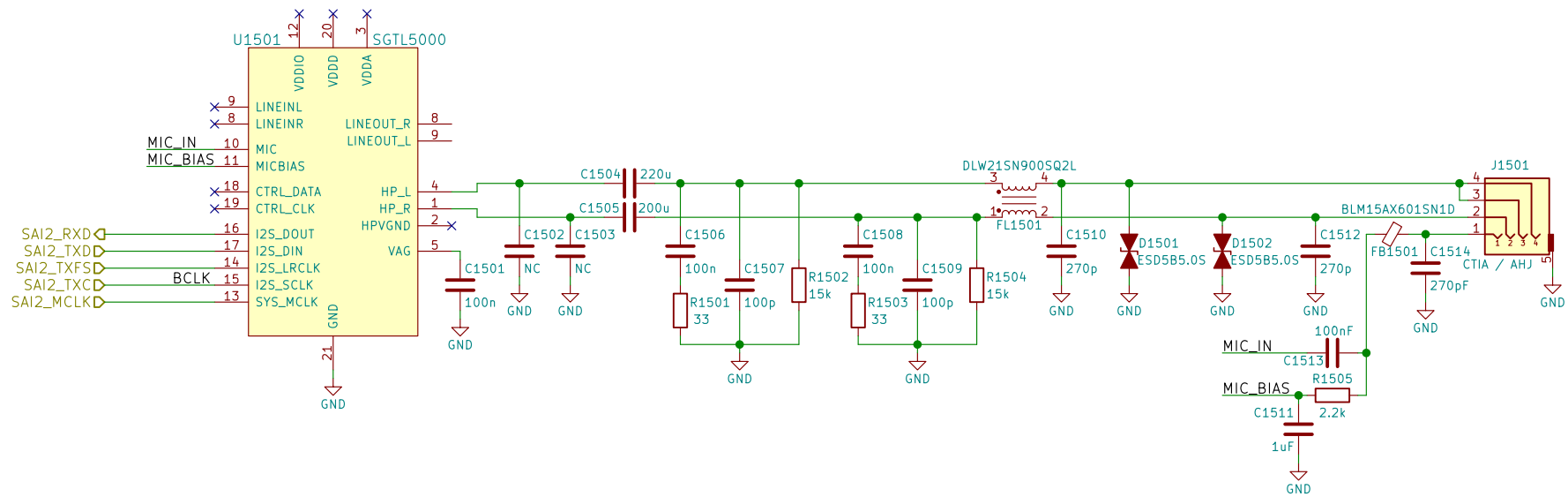
Size: A4 Date: 2018-04-19

KiCad E.D.A. kicad 4.0.7

Rev: v0.1.0

Id: 12/14





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Purism SPC

Sheet: /Audio/
File: audio.sch

Title: Audio

Size: A4 Date: 2018-04-19

KiCad E.D.A. kicad 4.0.7

Rev: v0.1.0

Id: 14/14