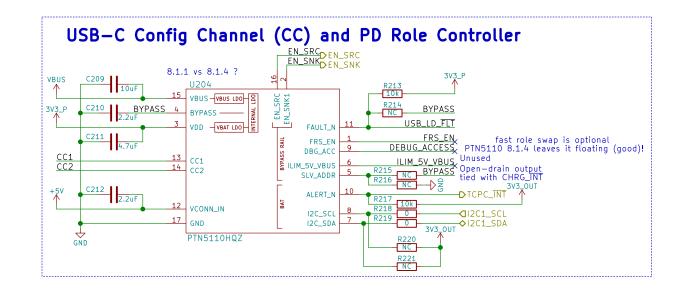
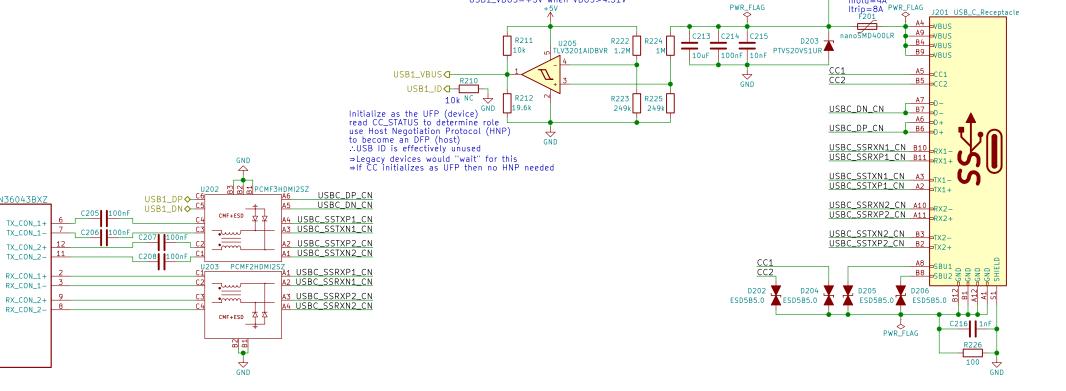


"Under dead battery operation, PTN5110 applies voltage clamps to both CC pins so that the system may receive power as a Sink. To support platforms with buck—boost configuration, PTN5110 asserts EN_SNK1 pin based on validity of VBUS voltage (facilitates 5 V VBUS sinking)."





VDD1V8

CH1_SET2/TXEQ CH2_SET1/TXDE CH2_SET2/RXEQ

USB1_SS_SELD

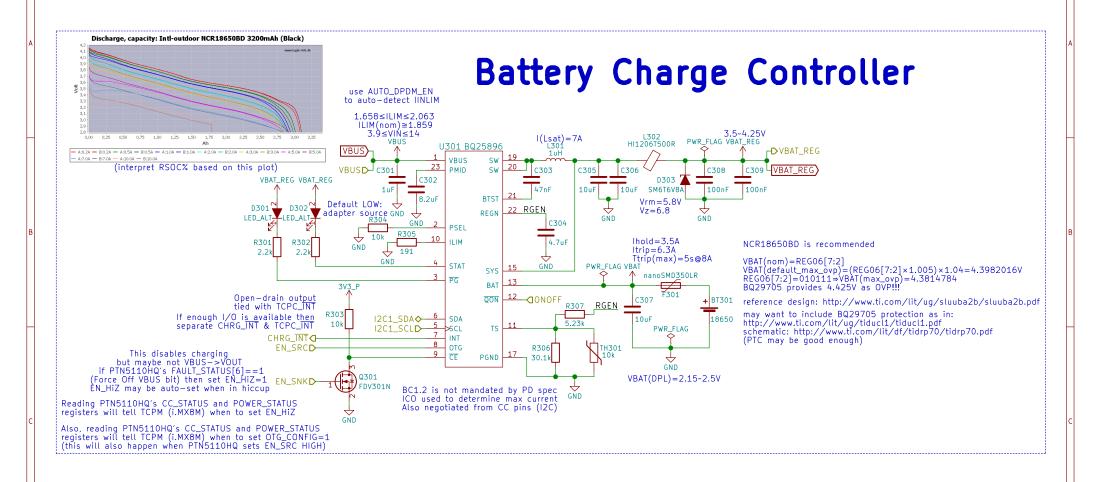
 $USB1_VBUS=+5V$ when VBUS>4.31V

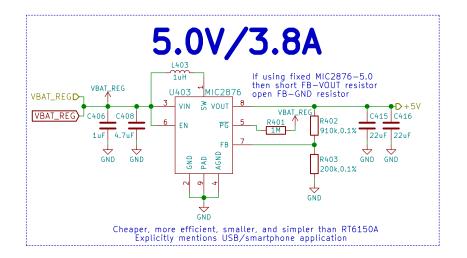
GNU GPLv3
Copyright 2018
Purism SPC
Sheet: /USB-C/
File: usb-c.sch

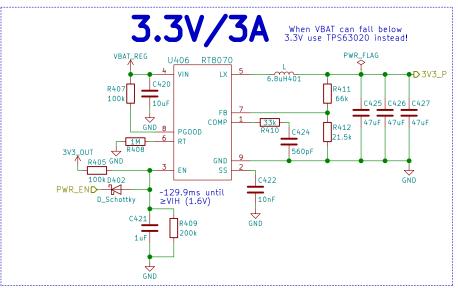
Title: USB Type C
Size: A3 Date: 2018-05-02 Rev: v0.1.0
KiCad E.D.A. kicad 4.0.6 Id: 2/16

VBUS ◆ D VBUS

Ihold=4A







AMOLED POWER If using Li—ion then VBAT ok U402 TPS65632RTER VBAT_REG 12 SWP1 PVIN 16 AVIN OUTP1 C401 C404 C405 C407 FBS 100nF 10uF 10uF 10uF -4.0V L401 GND 15 GND SWP2 AVDD_END-C412 FN 9 SWIRED 13 OUTP2 C402 L404 4.7uH SELP2 AGND SWN 10uF PGND1 14 PGND2 C410 GND GND VCI_TP_VCC → AGND U401 MIC5501 VOUT C403 C409 10uF GND GND

