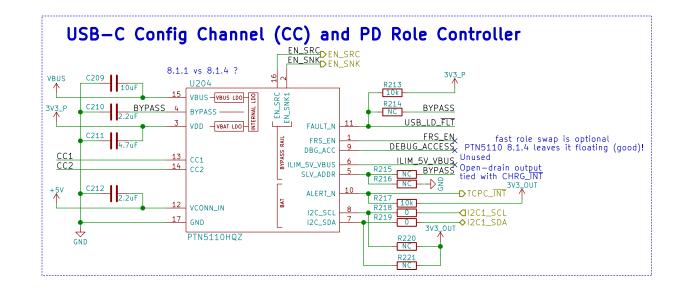
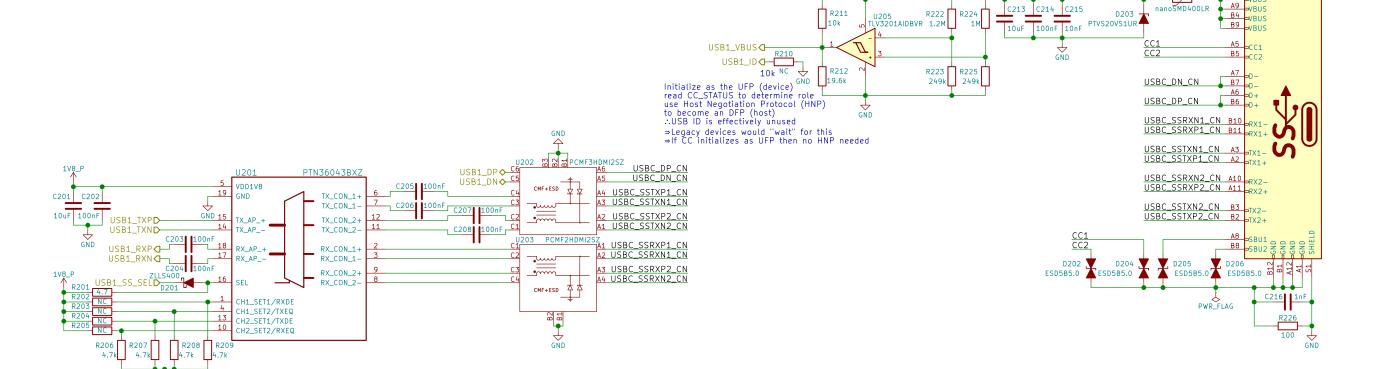


"Under dead battery operation, PTN5110 applies voltage clamps to both CC pins so that the system may receive power as a Sink. To support platforms with buck—boost configuration, PTN5110 asserts EN_SNK1 pin based on validity of VBUS voltage (facilitates 5 V VBUS sinking)."



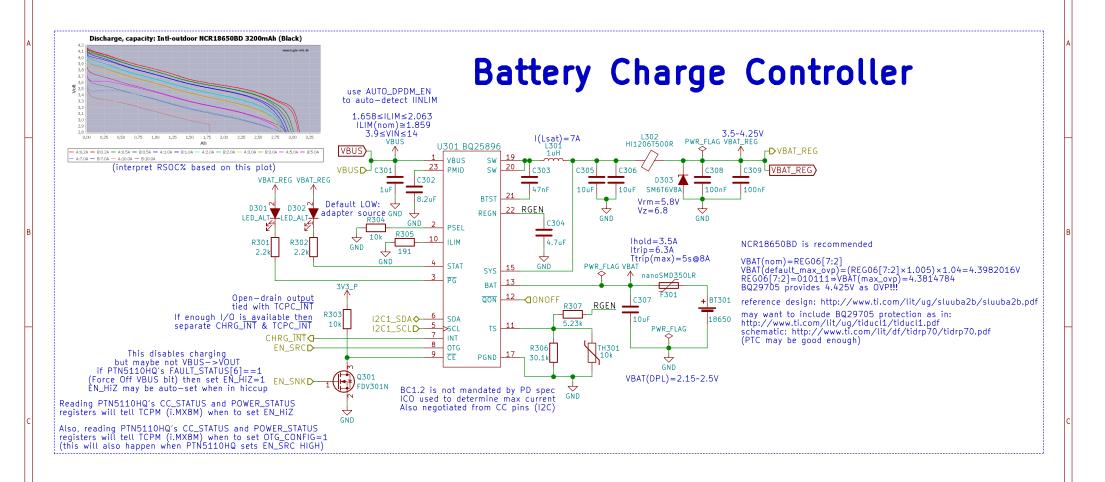
 $USB1_VBUS=+5V$ when VBUS>4.31V

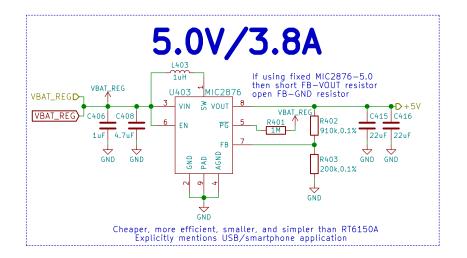


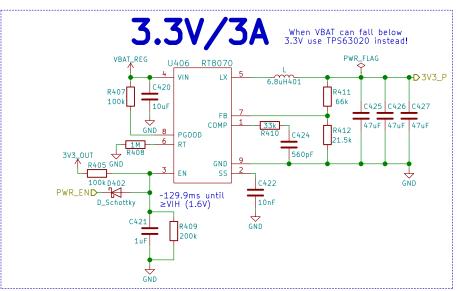
VBUS ◆ D VBUS

Ihold=4A Itrip=8A PWR_FLAG F201 →

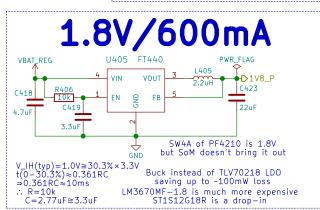
J201 USB_C_Receptacle

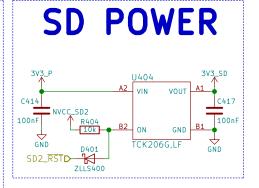






AMOLED POWER If using Li—ion then VBAT ok U402 TPS65632RTER VBAT_REG 12 SWP1 PVIN 16 AVIN OUTP1 C401 C404 C405 C407 FBS 100nF 10uF 10uF 10uF -4.0V L401 GND 15 GND SWP2 AVDD_END-C412 FN 9 SWIRED 13 OUTP2 C402 L404 4.7uH SELP2 AGND SWN 10uF PGND1 14 PGND2 C410 GND GND VCI_TP_VCC → AGND U401 MIC5501 VOUT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





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KiCad E.D.A. kicad 4.0.7 ld: 4/16

