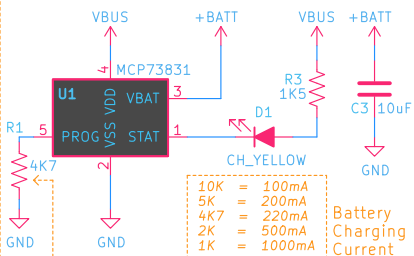
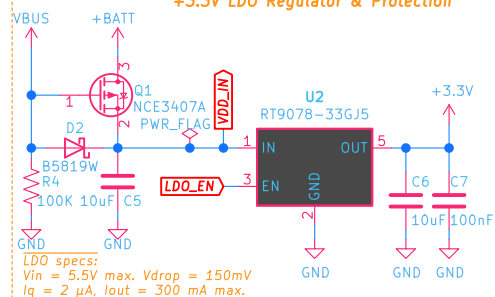


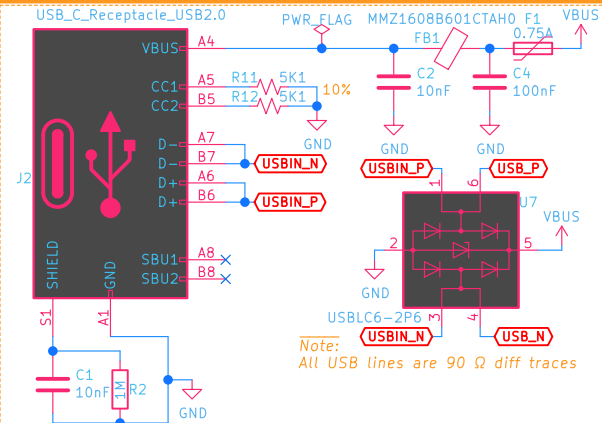
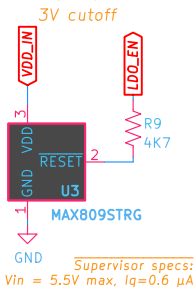
Battery Charging



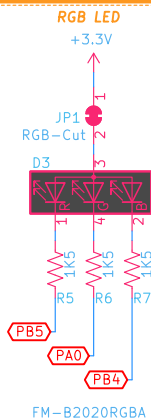
+3.3V LDO Regulator & Protection



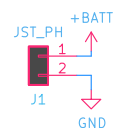
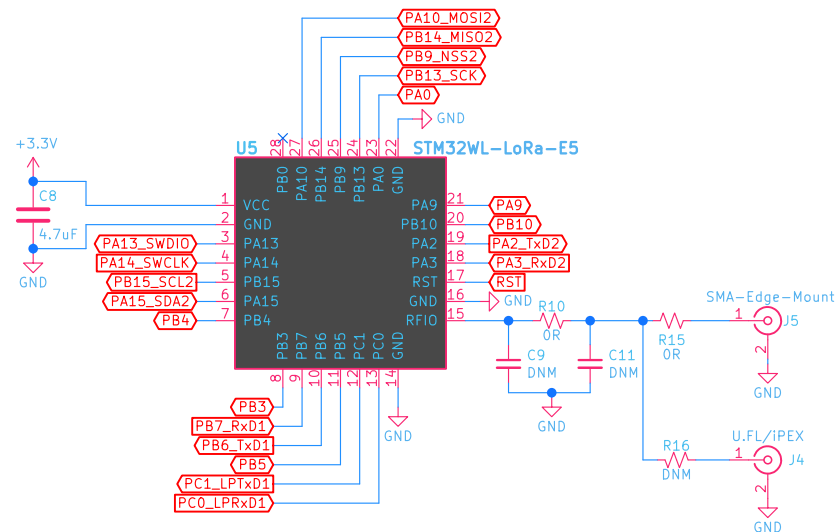
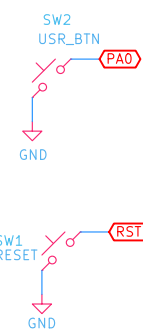
Battery Supervisor



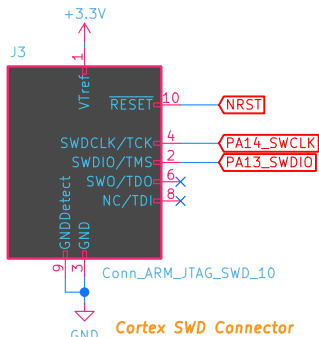
USB-C Input Protection & Filtering



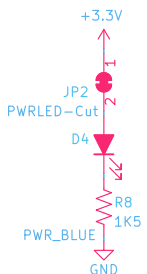
Buttons



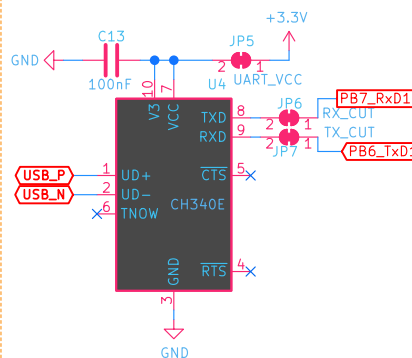
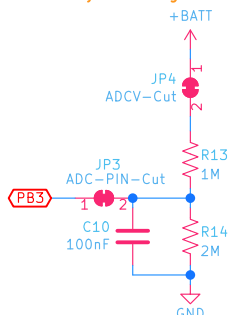
3.7V LiPo/Li-ion
Battery Input
4.5V max.!



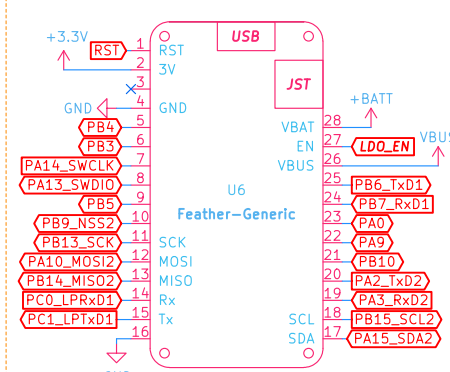
Power ON LED



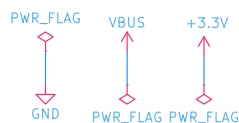
Battery Monitoring



CH340E USB-UART Converter



Feather Compatible Pinout



Drawn by: Orkhan Amiraslan (azerimaker)
<https://makertonika.com/>
Makertonika Labs

Sheet: /
File: Penguinio-STM32WL-LoRa-E5.sch

Title: Penguinio STM32WL LoRa-E5

Size: A4 Date: 2020-11-24
KiCad E.D.A. kicad (5.1.8)-1



Rev: 0.1
Id: 1/1