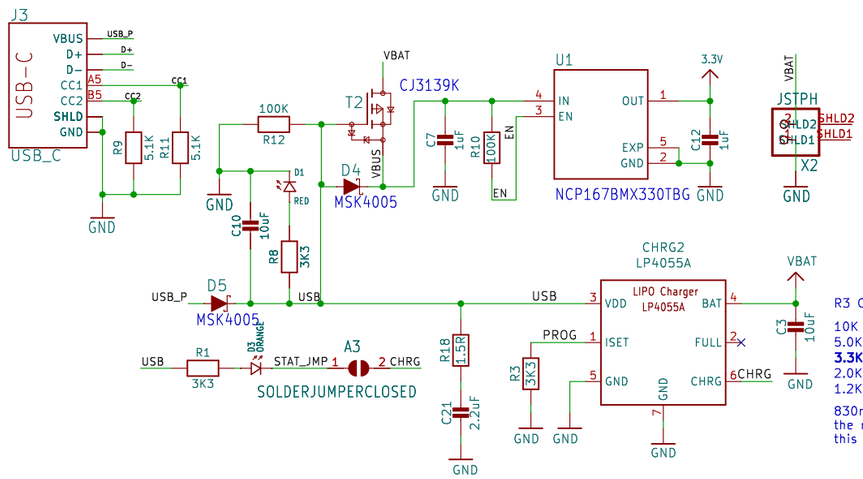
USB, POWER PATHS, CHARGING AND FILTERING

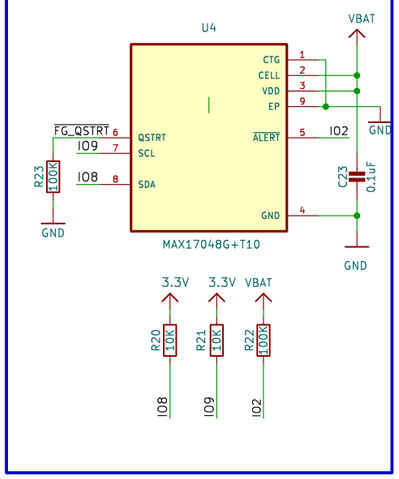


R3 Charge Rate

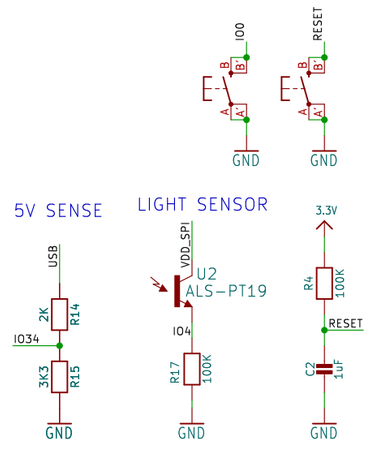
10K = 110mA
5.0K = 200mA
3.3K = 300mA
2.0K = 500mA
1.2K = 830mA

830mA charge rate is the recommended fastest this PMIC can charge

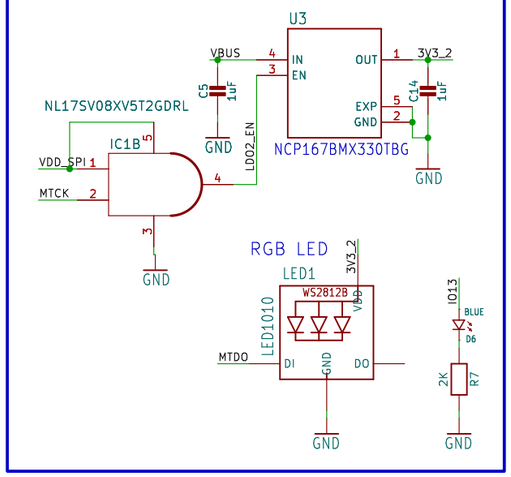
BATTERY FUEL GAUGE



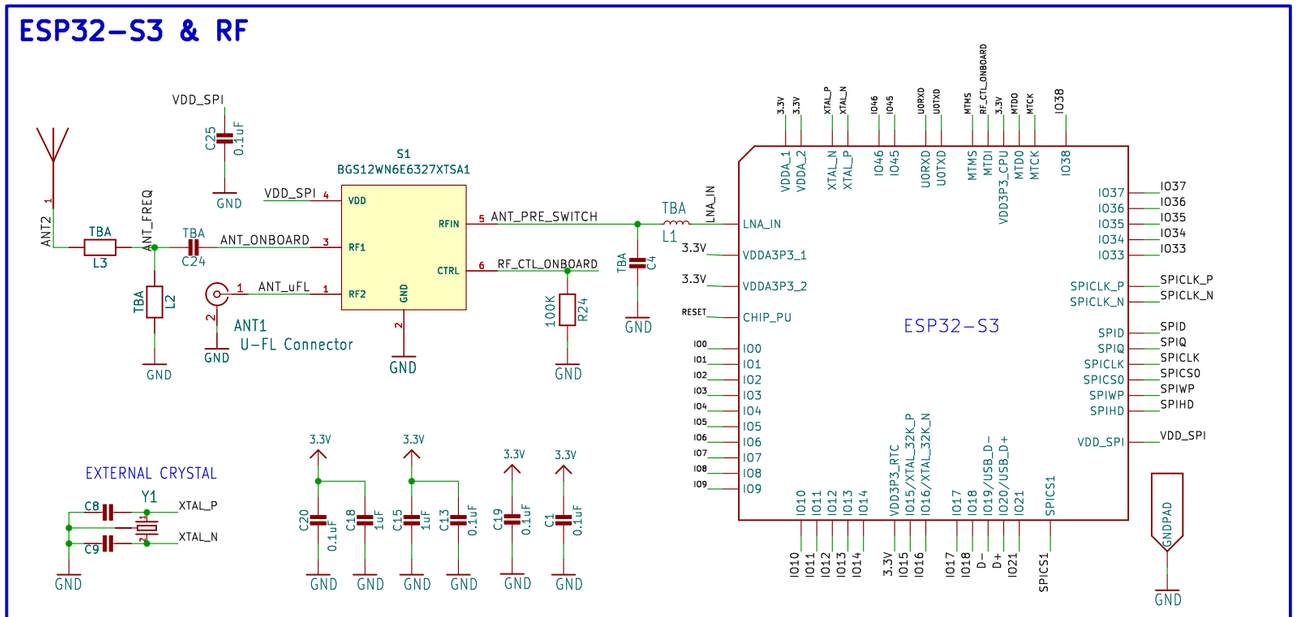
BUTTONS & SENSORS



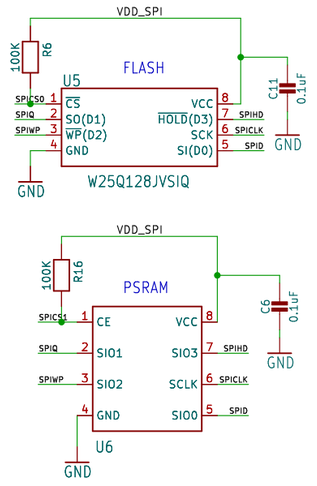
LDO2, AUTO-SHUTDOWN & LEDS



ESP32-S3 & RF

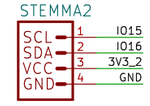


EXTERNAL FLASH & PSRAM

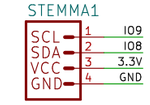


STEMMA/QT

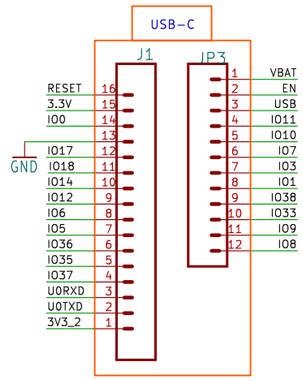
VERTICAL STEMMA CONNECTED TO LDO2



VERTICAL STEMMA CONNECTED TO LDO1



HEADERS



Unexpected Maker

FeatherS3D
The Pro ESP32-S3 Development Board in the Feather Format

Sheet: /
File: FeatherS3D_P1.kicad_sch

Title: FeatherS3

Size: A3	Date: 2022-01-26	**Rev: P4**
KiCad E.D.A. 9.0.1		Id: 1/1