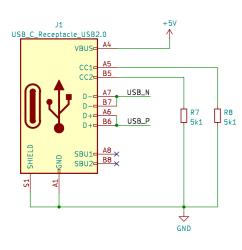
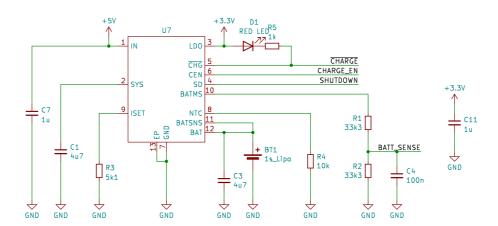
**USB** 

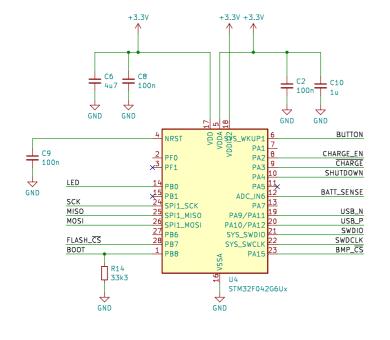
## **BATTERY MANAGEMENT**

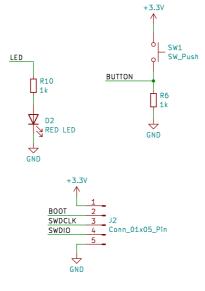
**POWER CONTROL** 



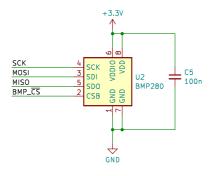


## **MICROCONTROLLER**

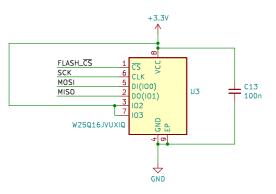




## **BAROMETER**



## **FLASH**



In sleep mode with all peripherals and clocks off the uC will draw approximately 2.5uA. The flash and barometer will draw -1uA each as well so total battery draw will be -4.5uA. Battery life will be approximately 30mAh/4.5uA = 6700hrs or 9 months.

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Sheet: / File: Simple Altimeter.kicad\_sch

Title: SimpleAlt

Size: A3 Date: 2024-06-22 KiCad E.D.A. kicad 7.0.11+1