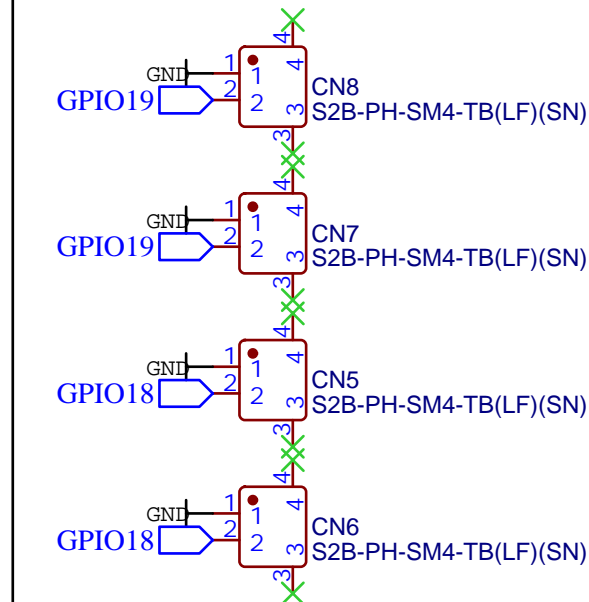
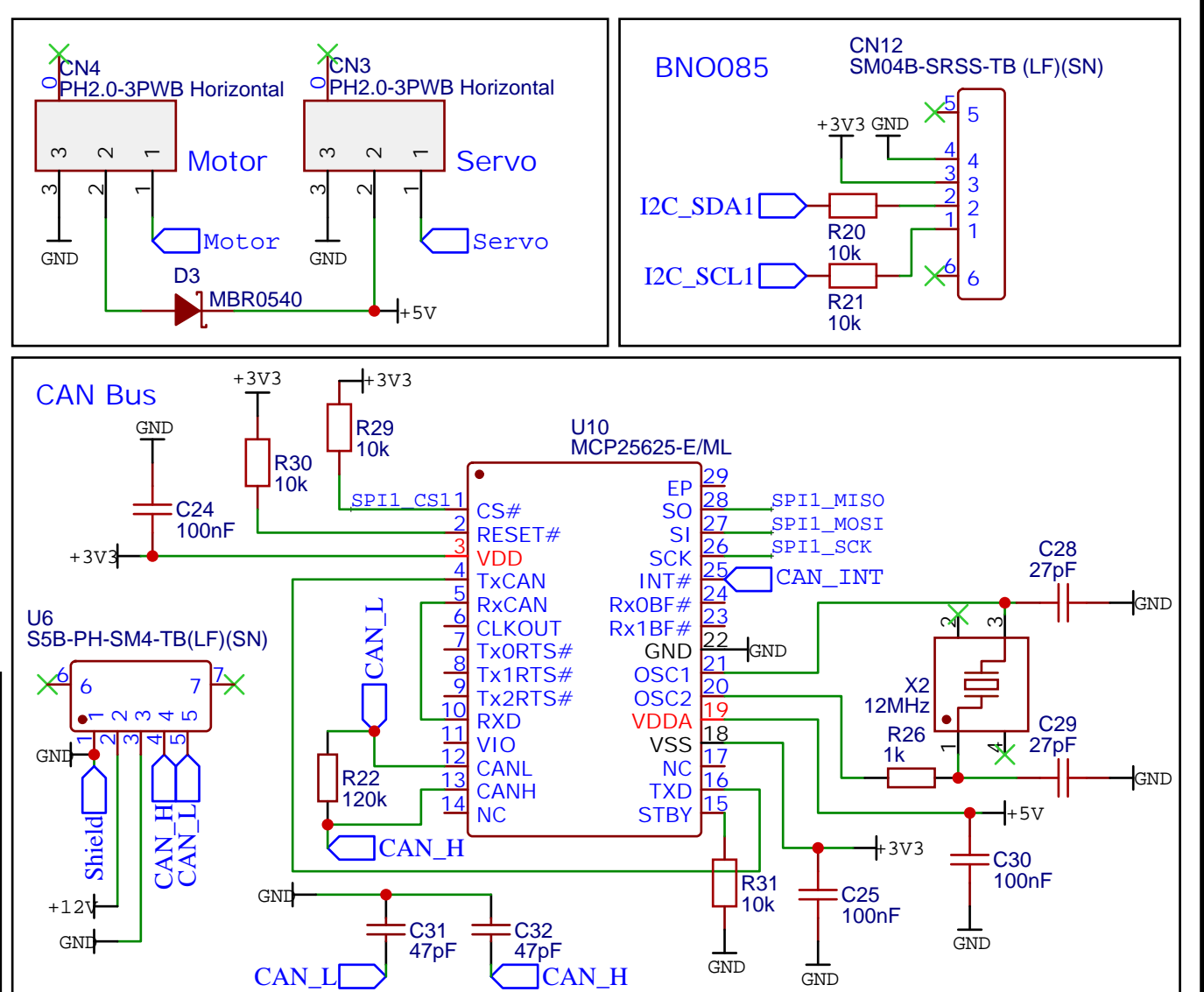
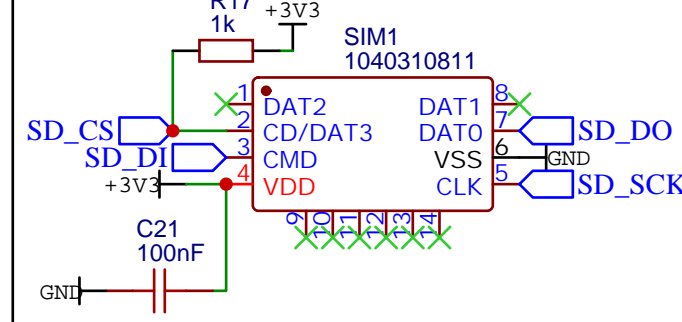


## System I/O

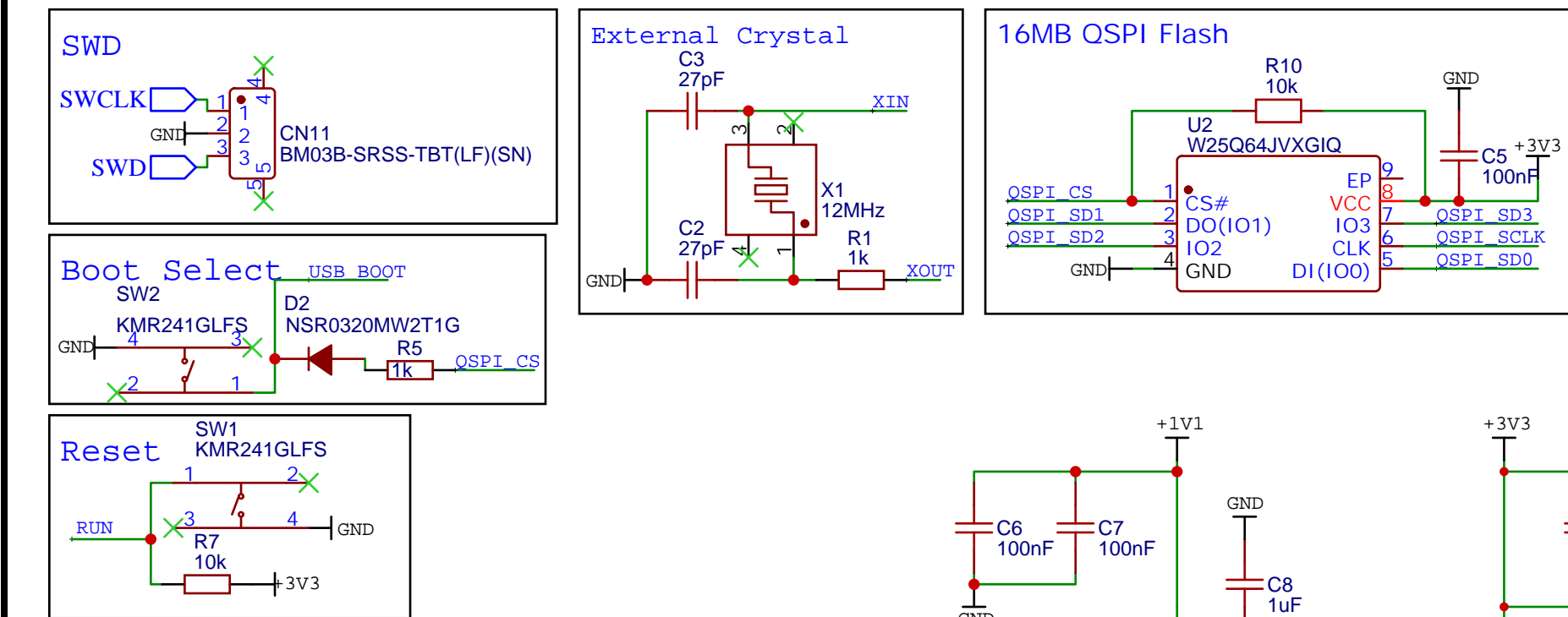
### LEAK SENSORS



### SD Card

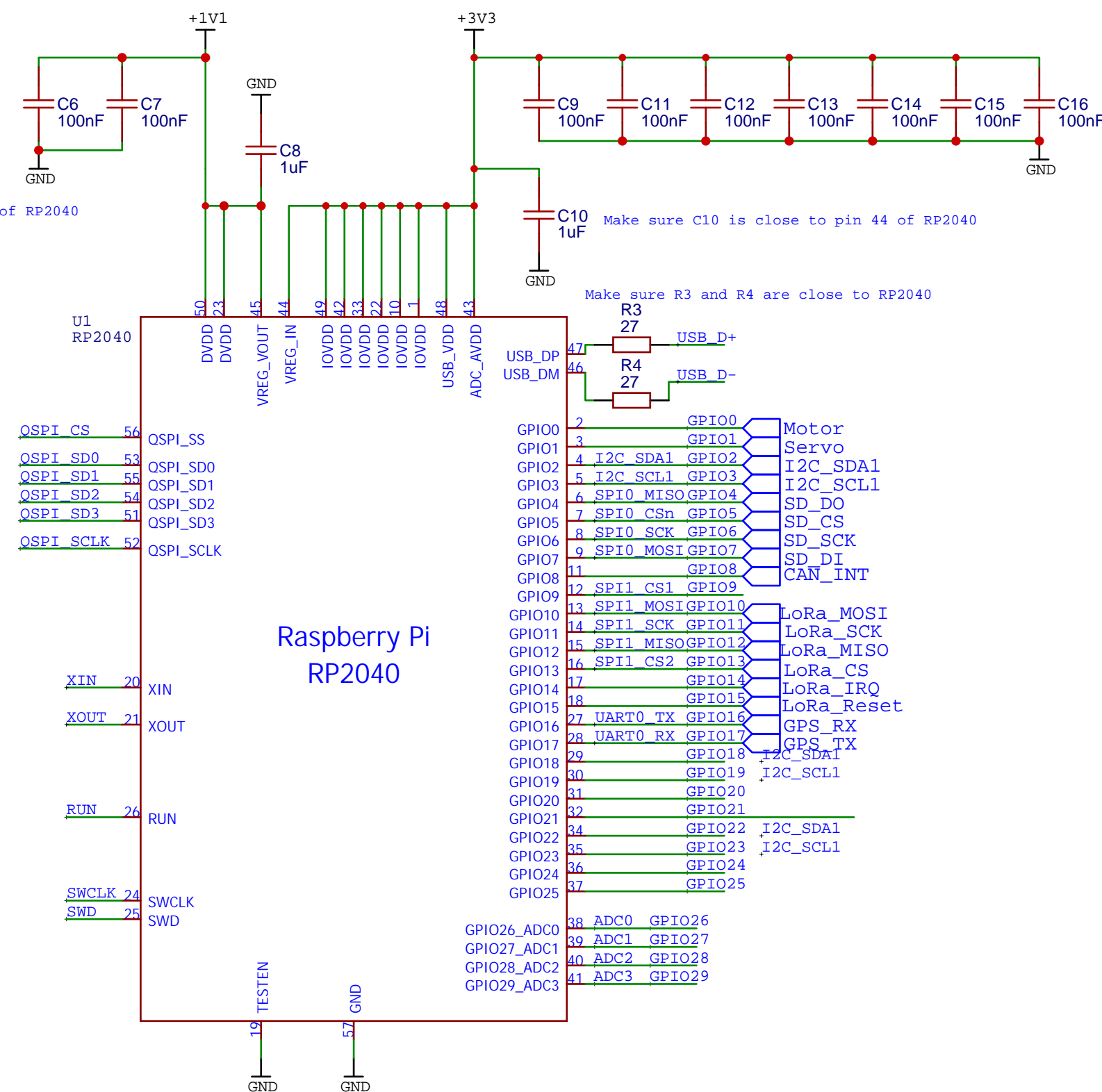


## RP2040

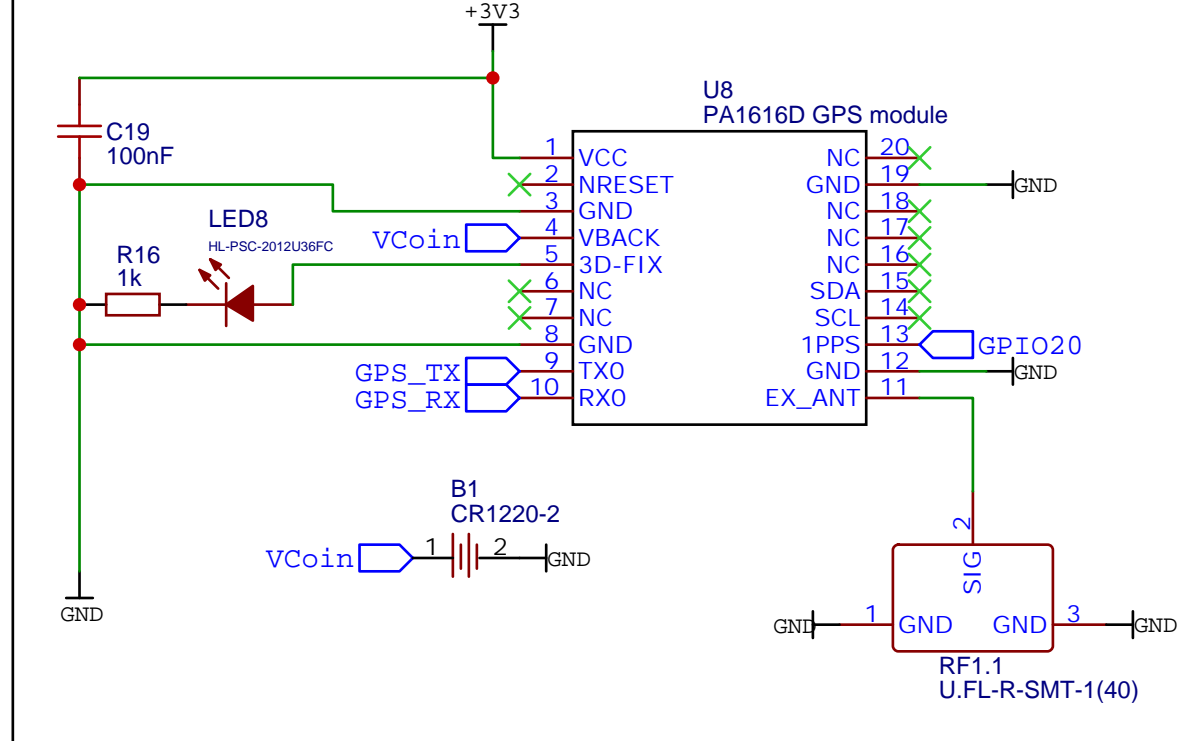


Make sure C8 is close to pin 45 of RP2040

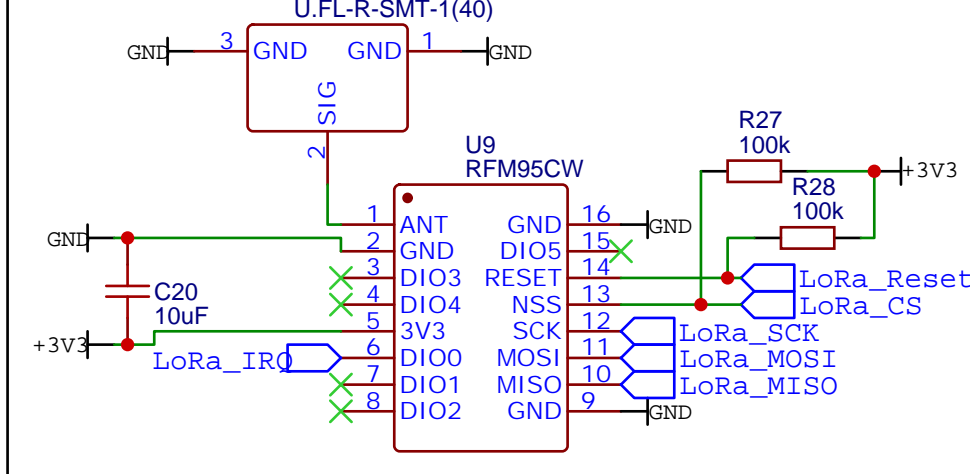
Make sure C10 is close to pin 44 of RP2040



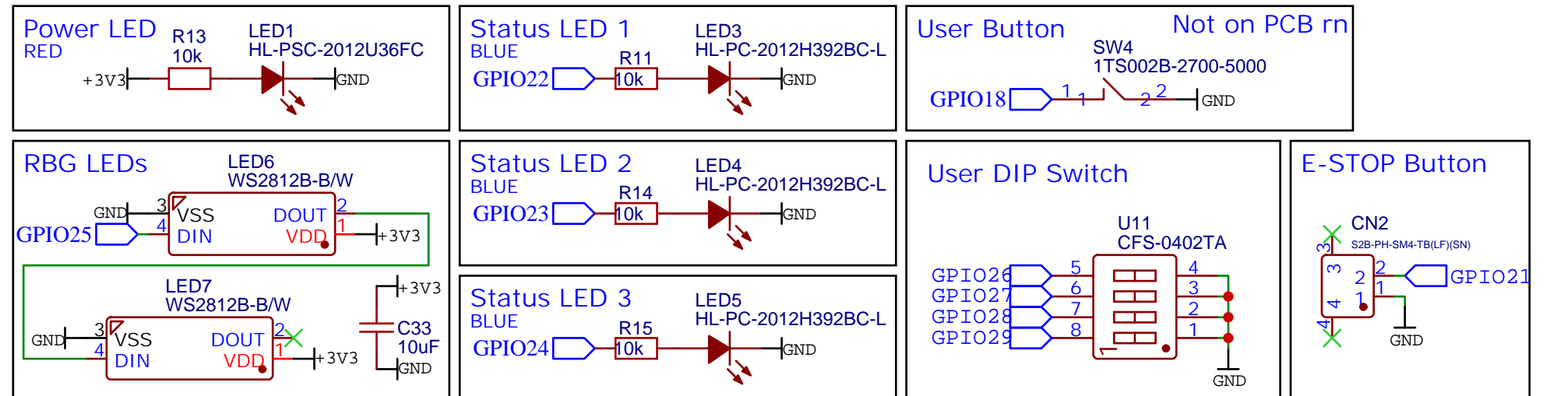
## GPS



## LoRa



## User I/O



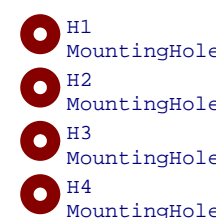
TODO: ADD 5v reverse polaty protection

TODO: ADD 5v over voltage protection?

TODO: ADD 5v smoothing caps?

TODO: ADD backup power sensing

TODO: ADD resetable fuse



R1

R2

R3

R4

MountingHole

EasyEDA

TITLE:

OSAB Mainboard [RP2040]

REV: 1.0.0

Company: OSAB Project

Sheet: 1/1

Date: 2024-08-22

Drawn By: Michael MacDonald