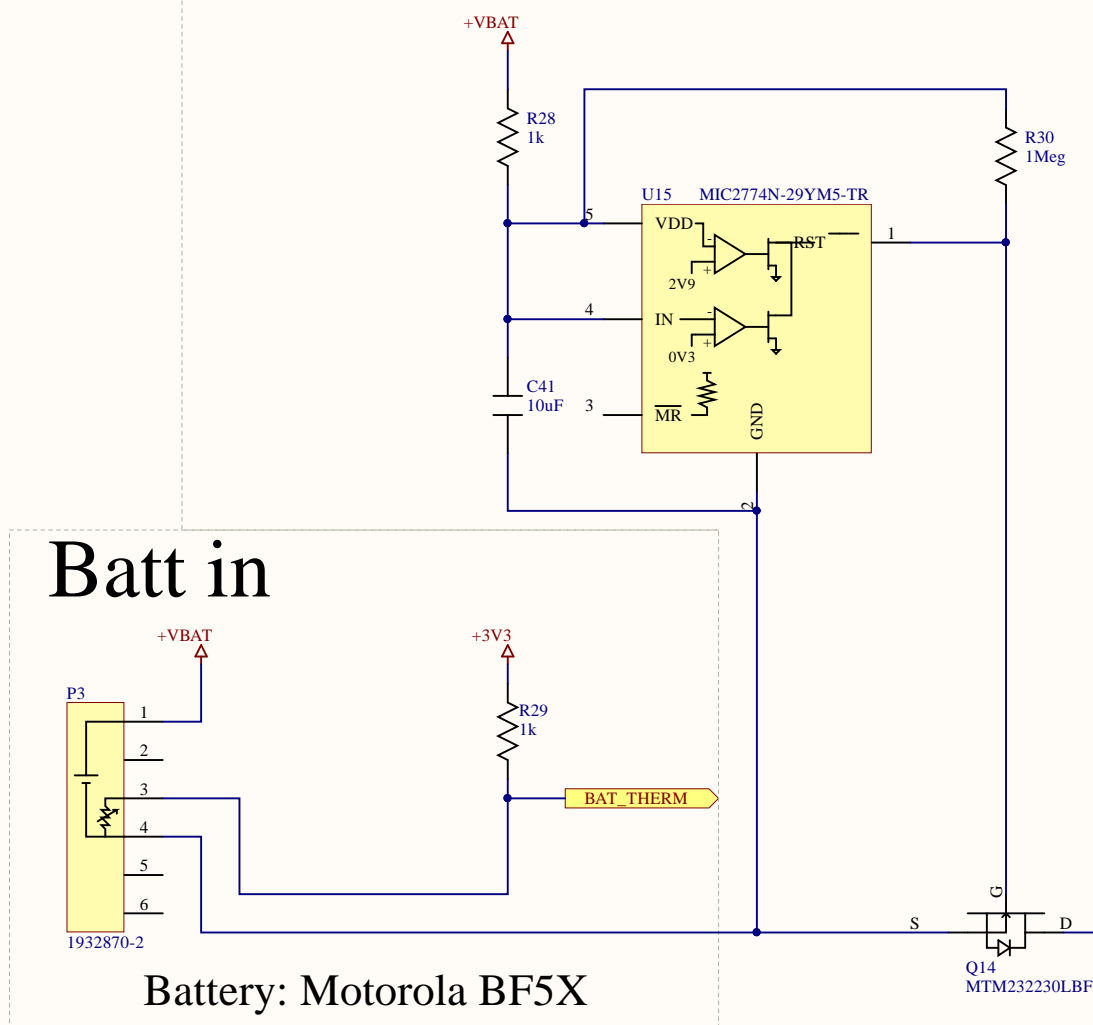


For 16SoundsUSB info, news and updates:
<https://github.com/introlab/OpenIMU-MiniLogger>

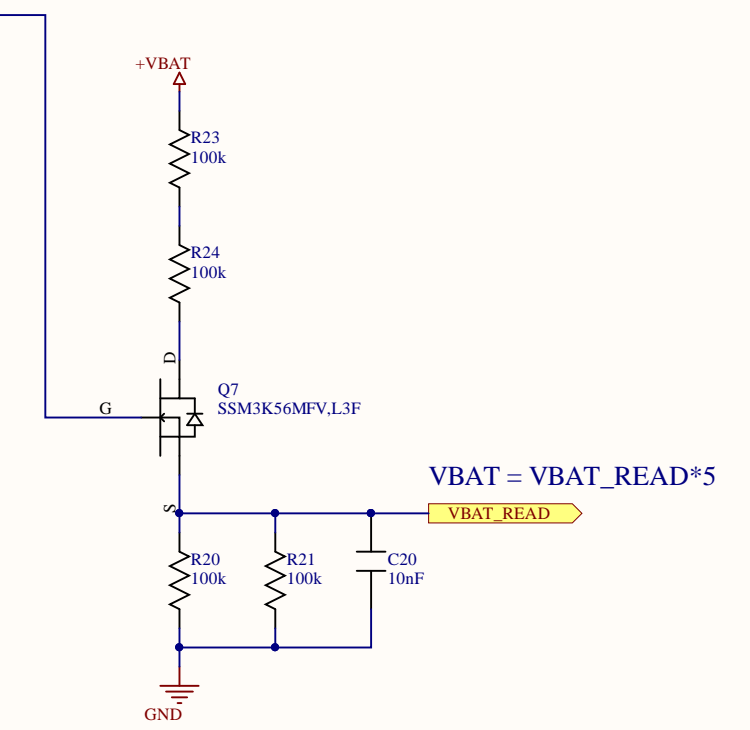
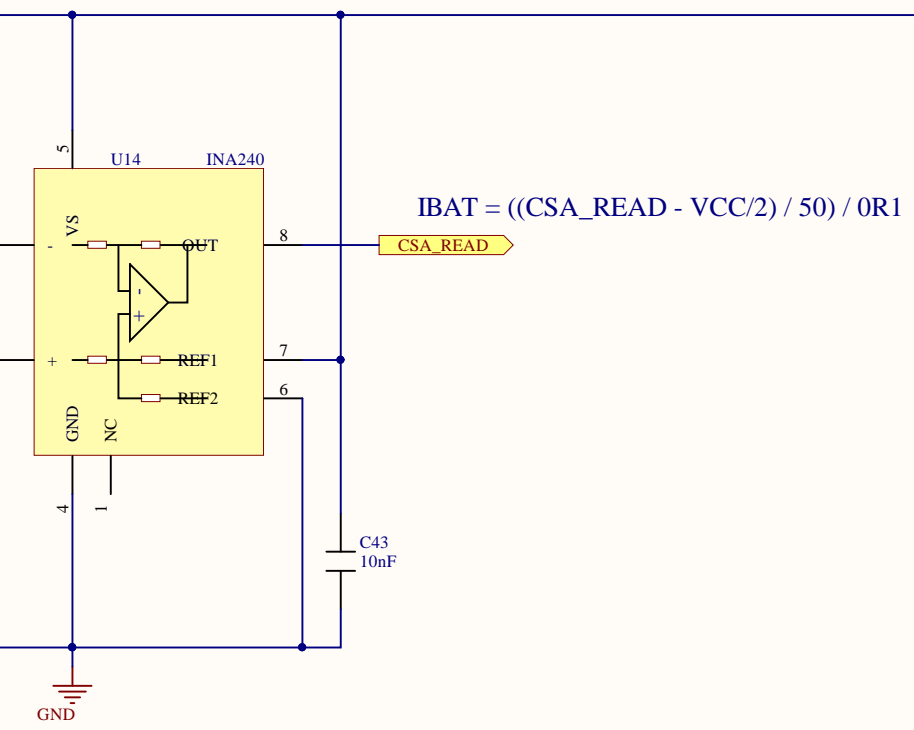
2,9V UVLO



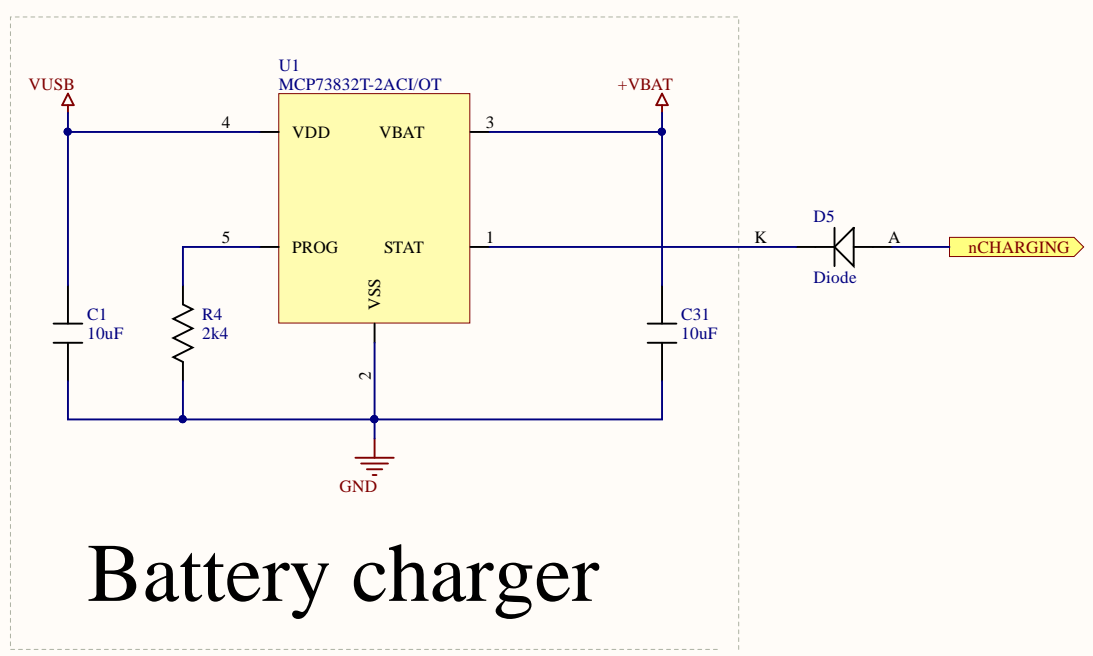
Battery V&I measurement

0V: off; 3V3: on

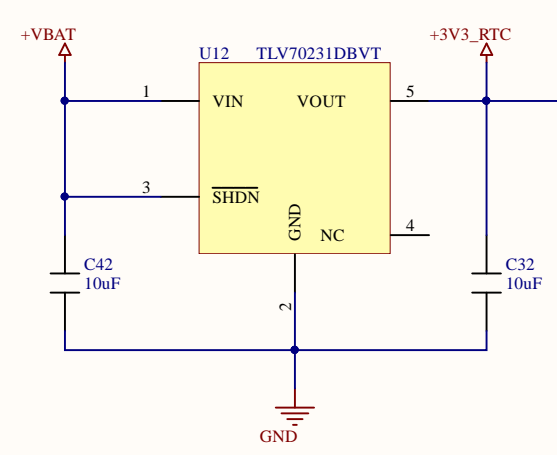
BATT_READ_EN



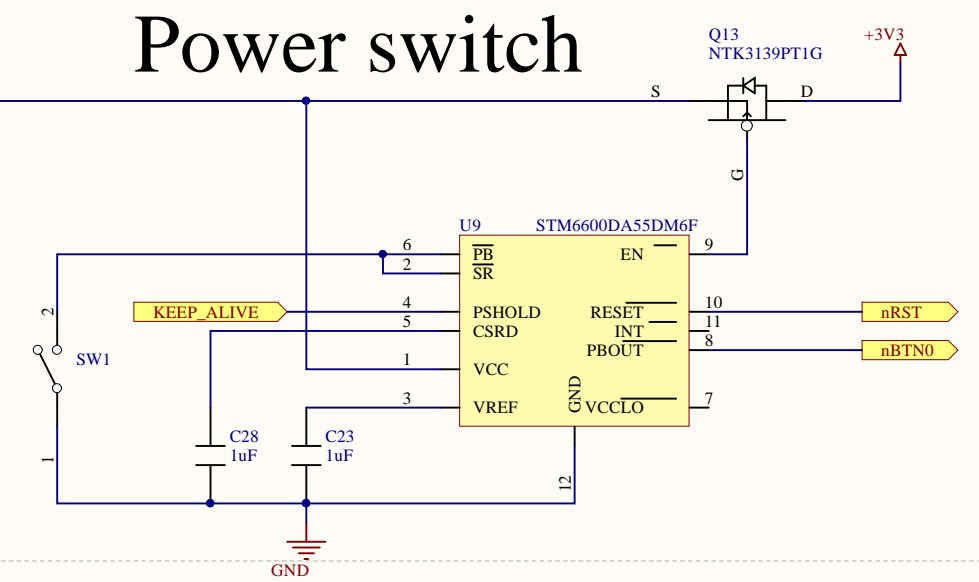
Battery charger



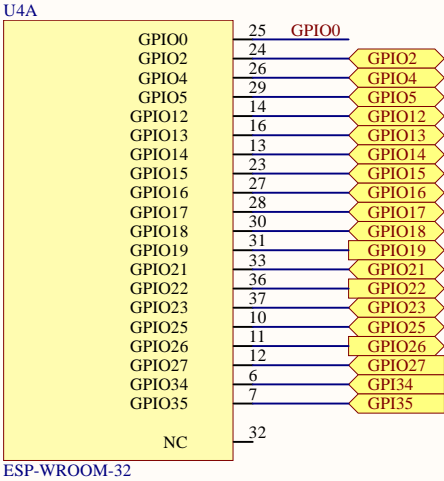
3,3V LDO



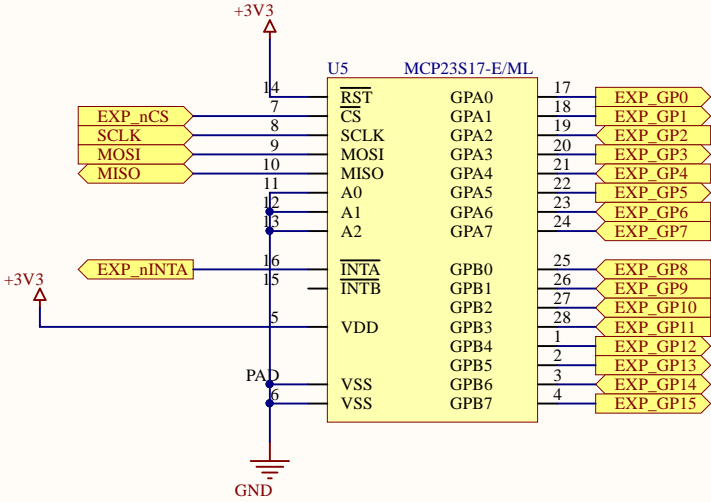
Power switch



ESP32: GPIO

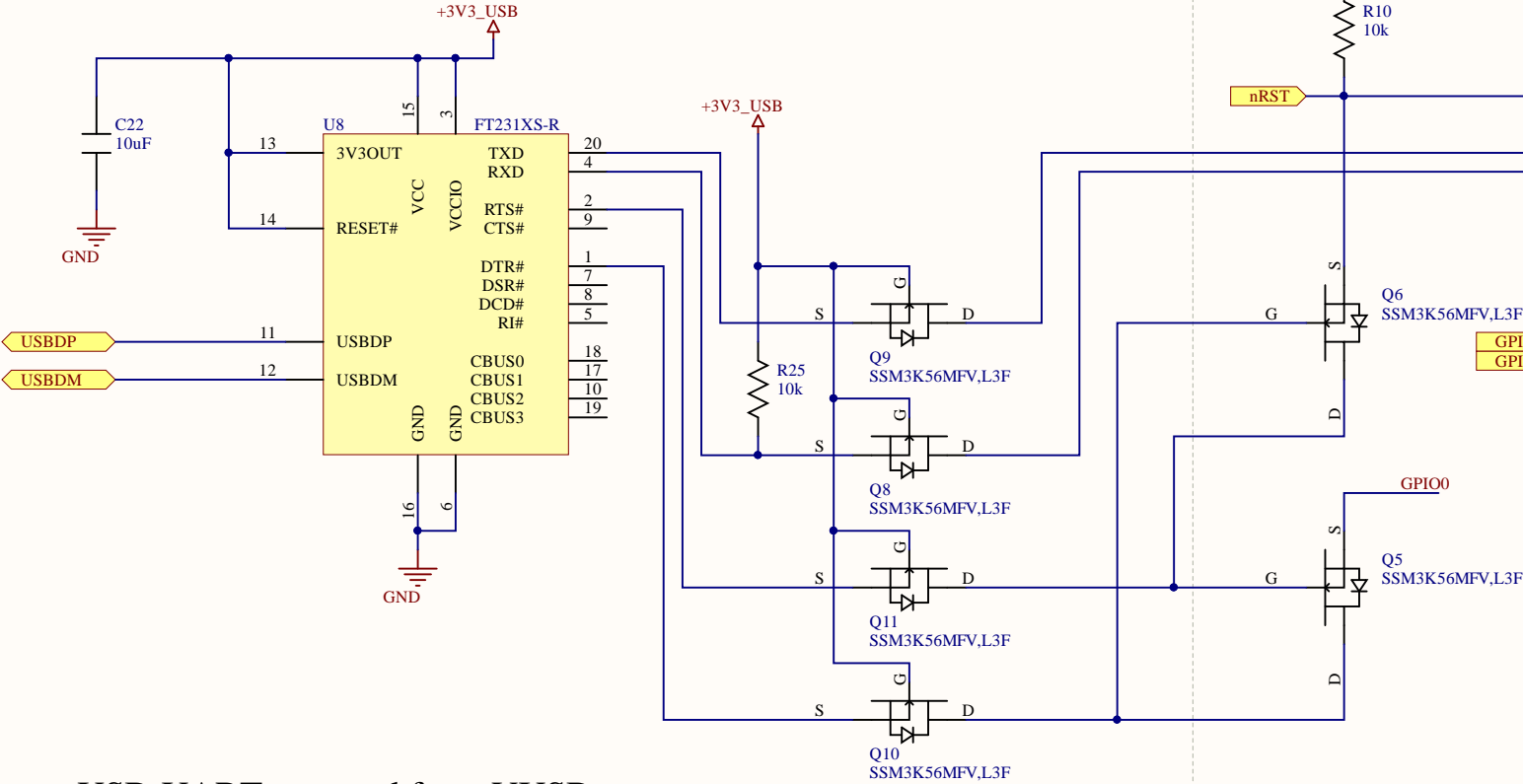


IO expanders

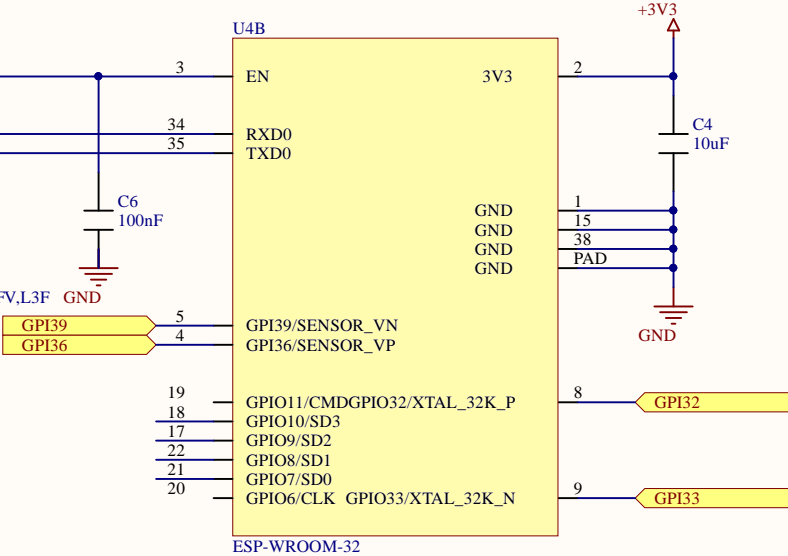


Use Open-drain config for interrupt

FTDI

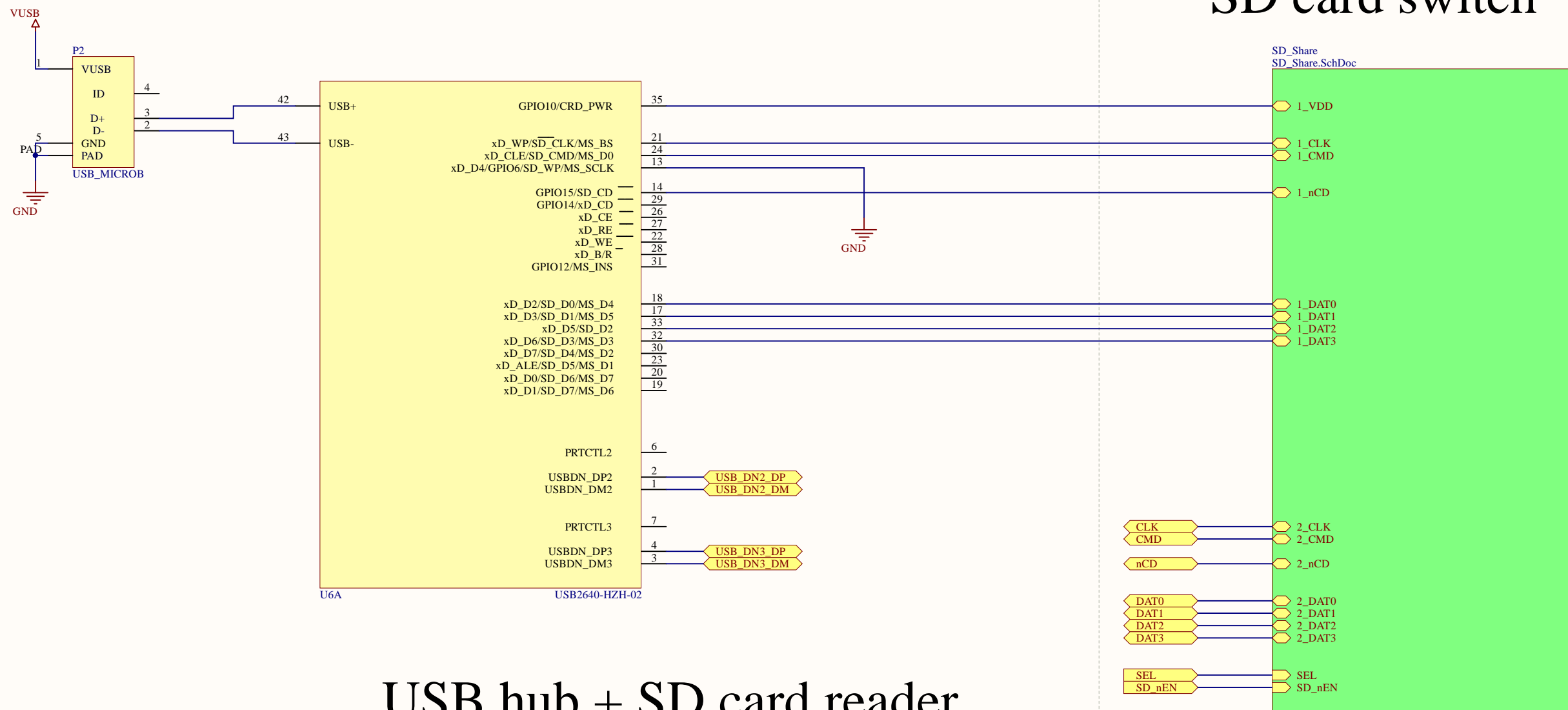


ESP32: reserved pins

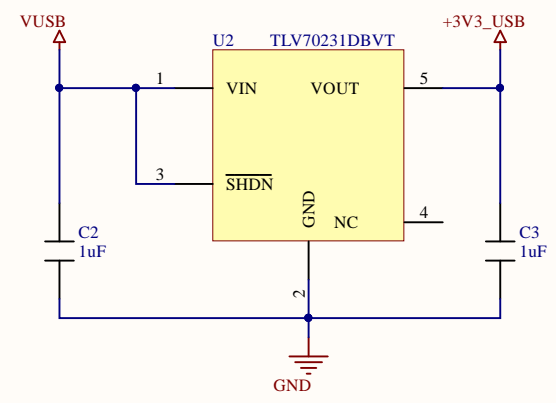


USB-UART powered from VUSB
And disconnect RTS, DTR, RXD and TXD when VUSB not present

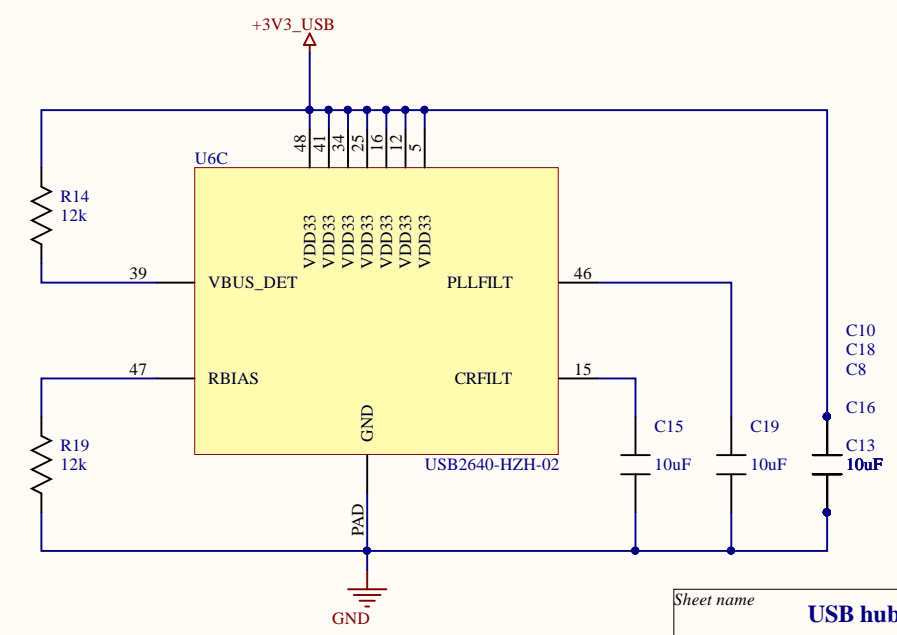
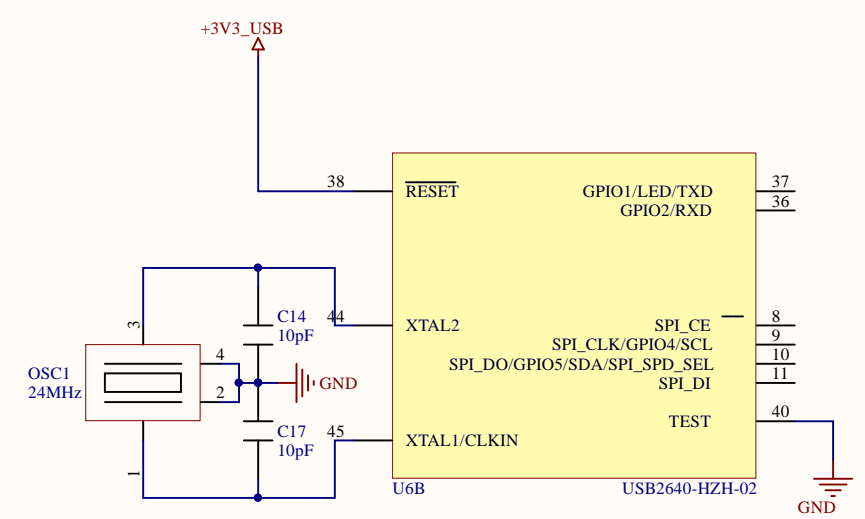




USB hub + SD card reader

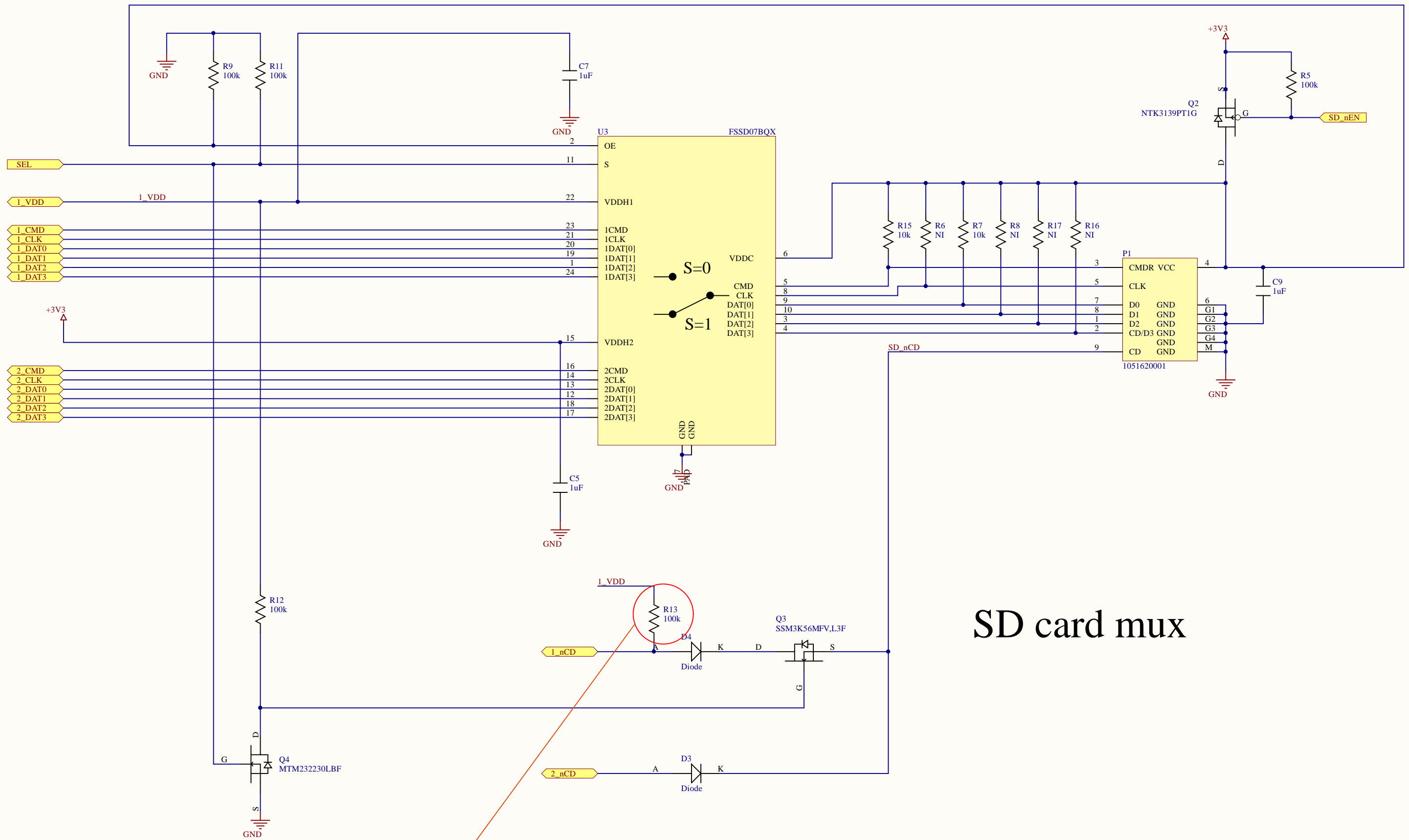


3,3V_USB LDO



Sheet name	USB hub
Project name	OpenIMU
Contact	V-P.Rheaume@USherbrooke.ca
Rev	1.0
Date	2018-06-04
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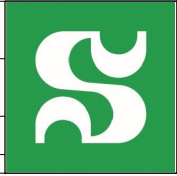
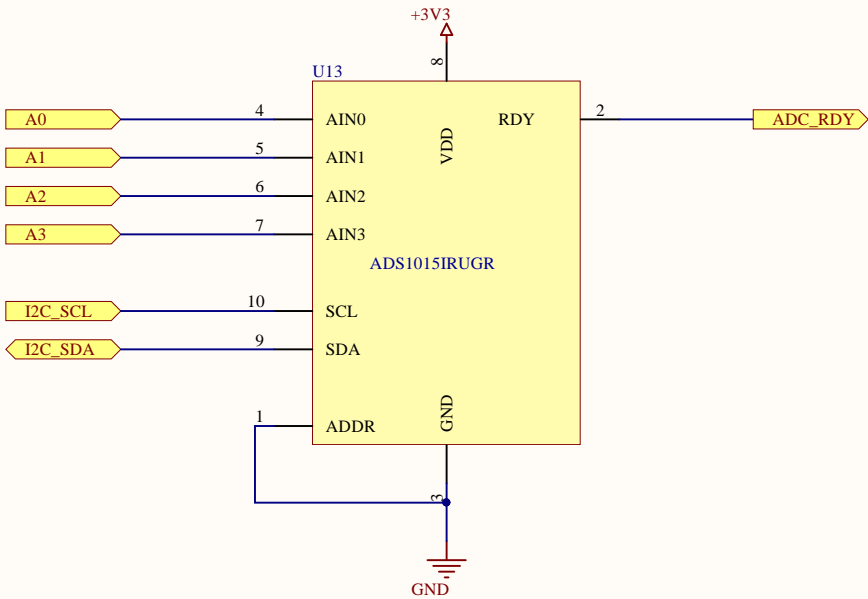
SD card mux

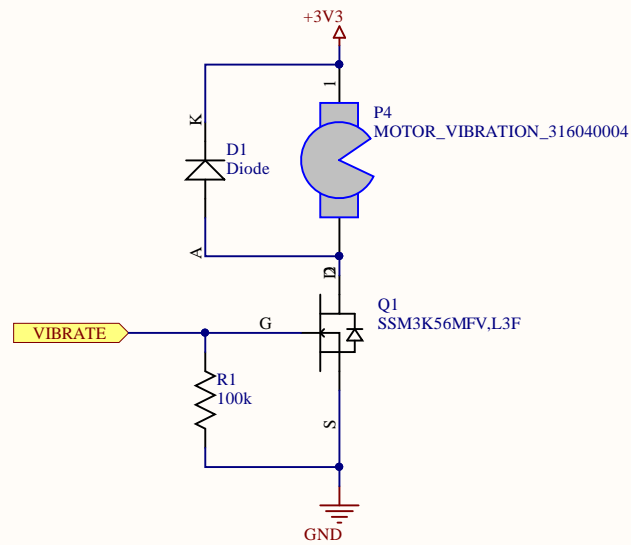
2018-05-28: R13 should pull-up to +3V3_USB instead of 1_VDD

Sheet name	SD Card Sharing
Project name	OpenIMU
Contact	V.P.Rheume@USherbrooke.ca
Rev	1.0
Date	2018-06-04
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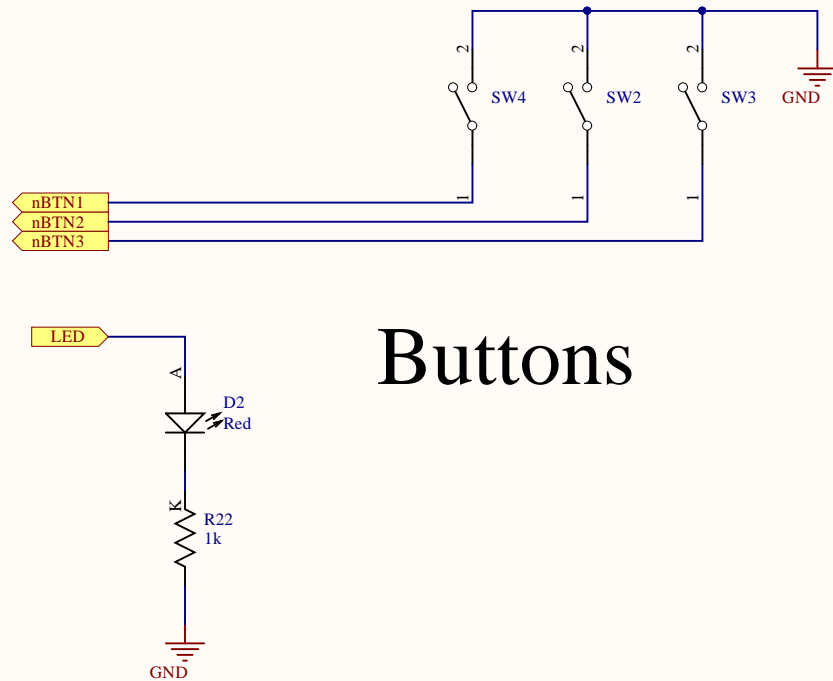


ADC

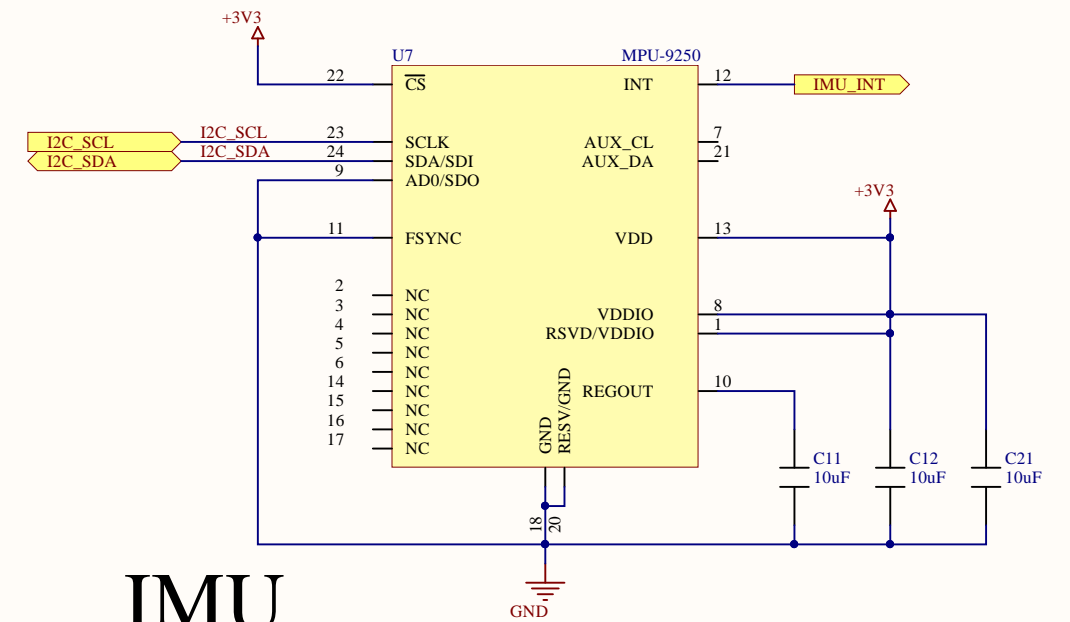




Vibration motor

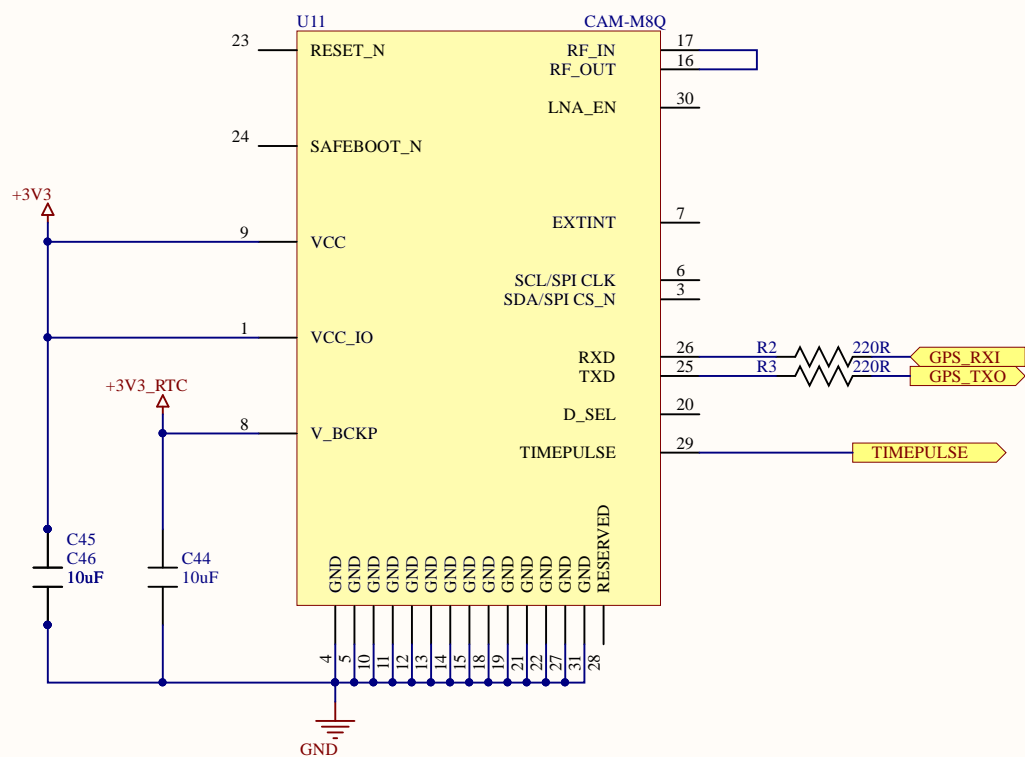


Buttons

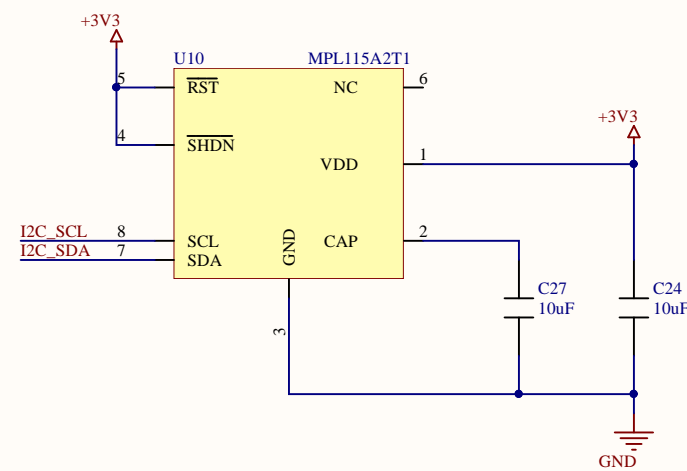


IMU

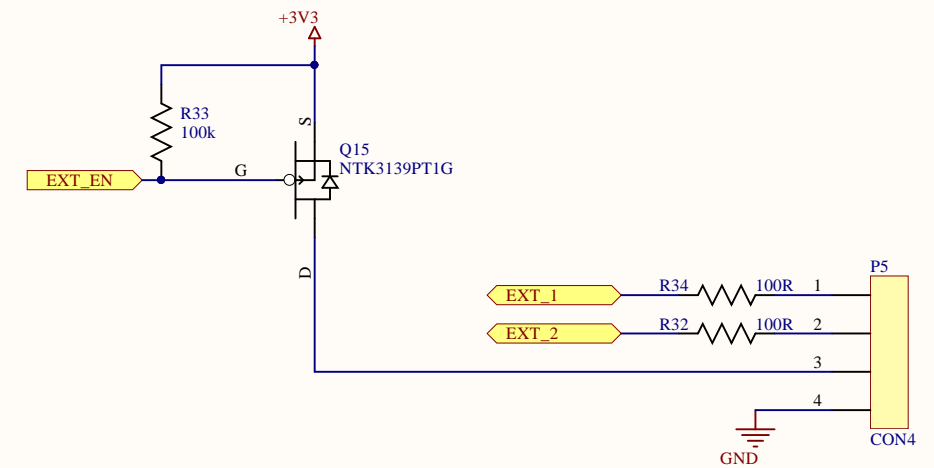
GPS



Pressure sensor



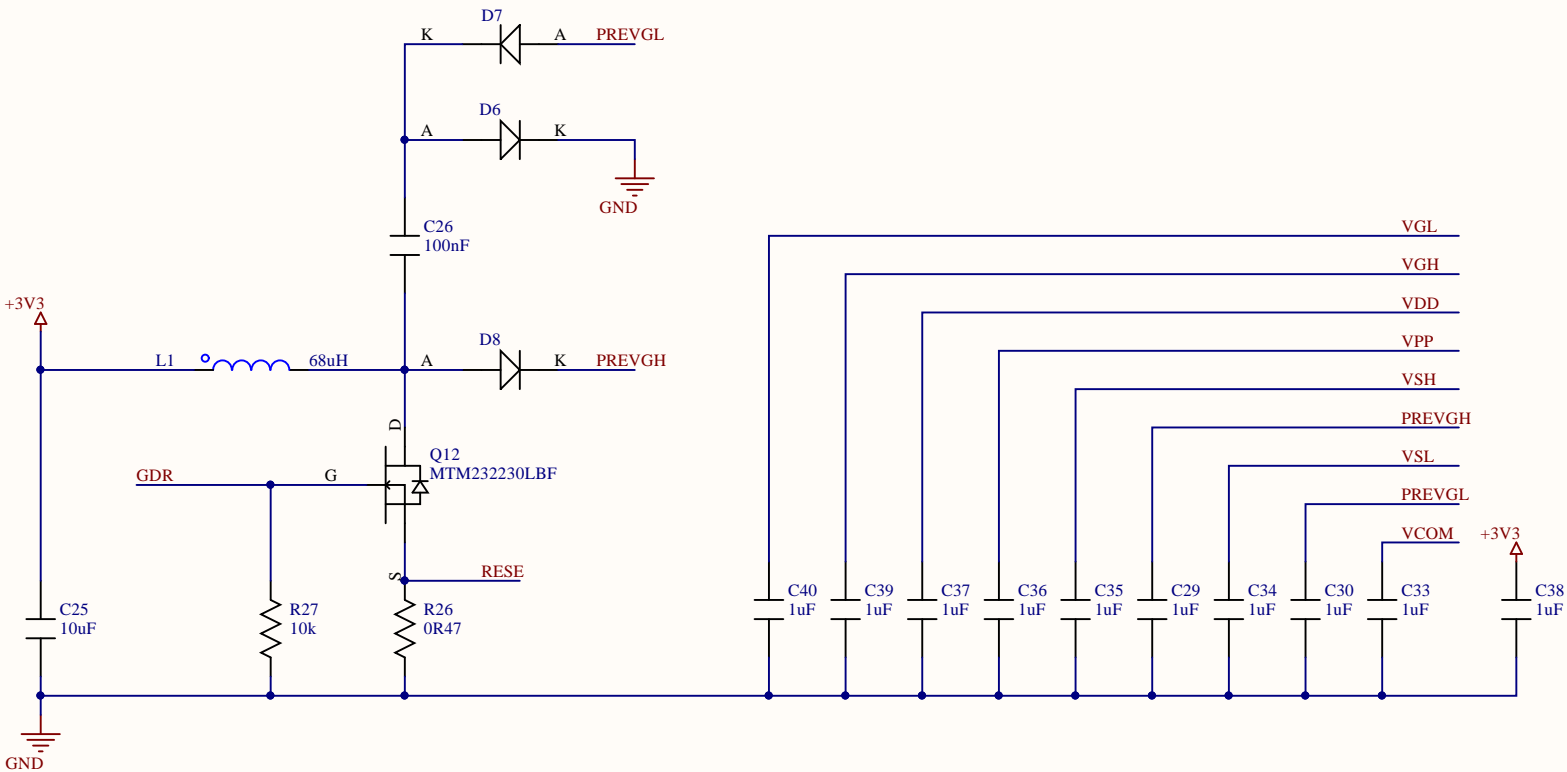
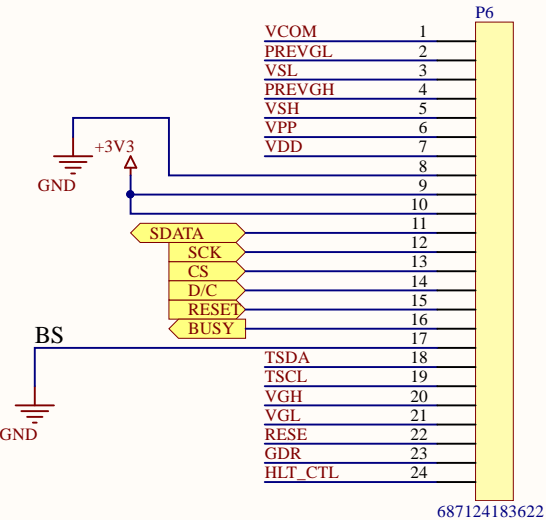
Expansion (I2C...)



Grove Connector



BS signal LOW = 4-wire SPI



Ecran: https://www.waveshare.com/wiki/File:2.7inch_e-Paper_HAT_Schematic.pdf
Note: l'assignation des pins sur le connecteur ici est le contraire de ce qui est sur la datasheet de l'ecran
Parce que le connecteur est monté sur le bottom! donc pin 1 display = pin 24 connecteur...

Sheet name	Default Sheet Name
Project name	OpenIMU
Contact	V-P.Rheaume@USherbrooke.ca
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