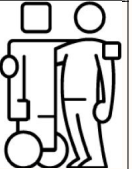


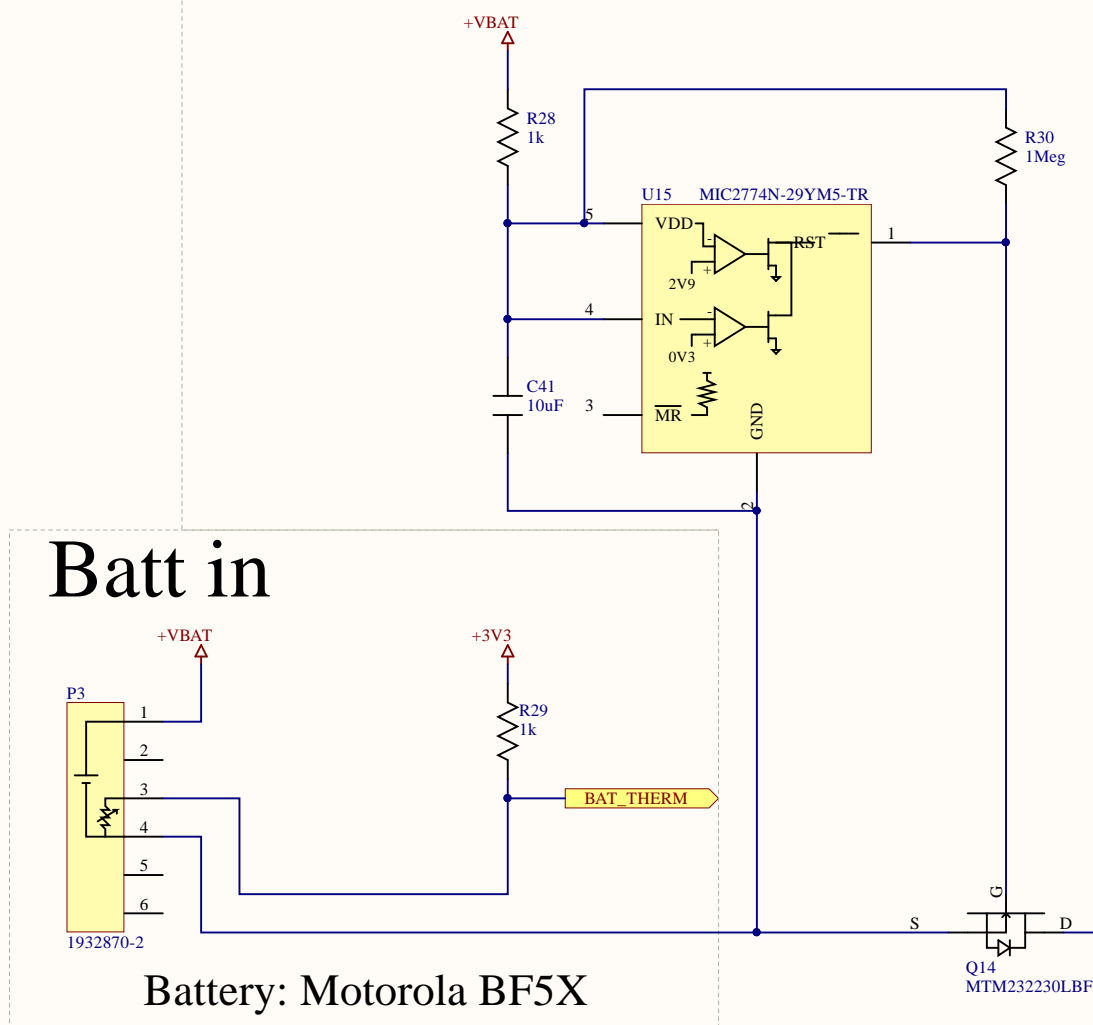
For OpenIMU info, news and updates:
<https://github.com/introlab/OpenIMU-MiniLogger>



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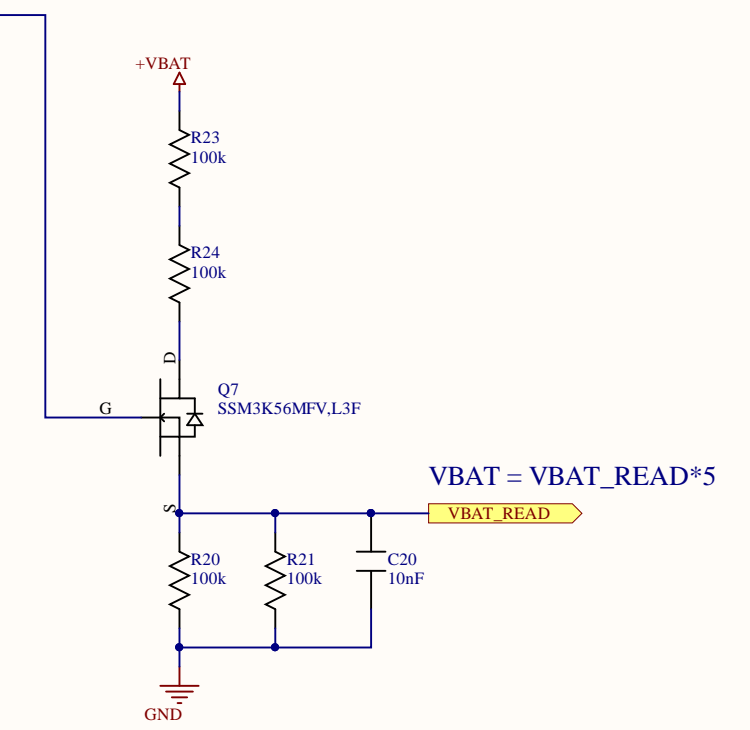
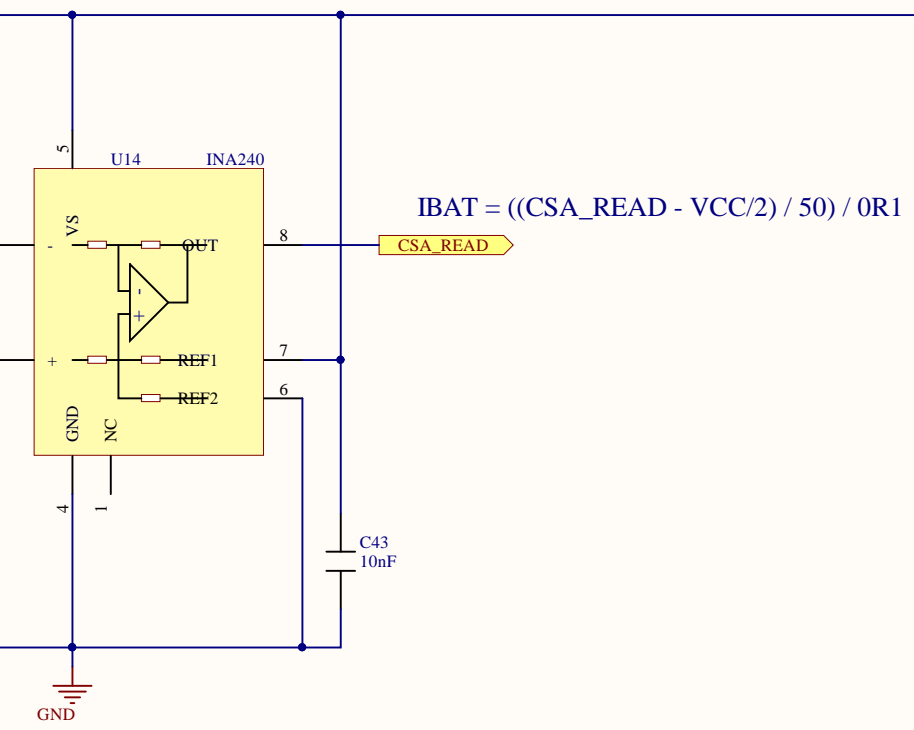
2,9V UVLO



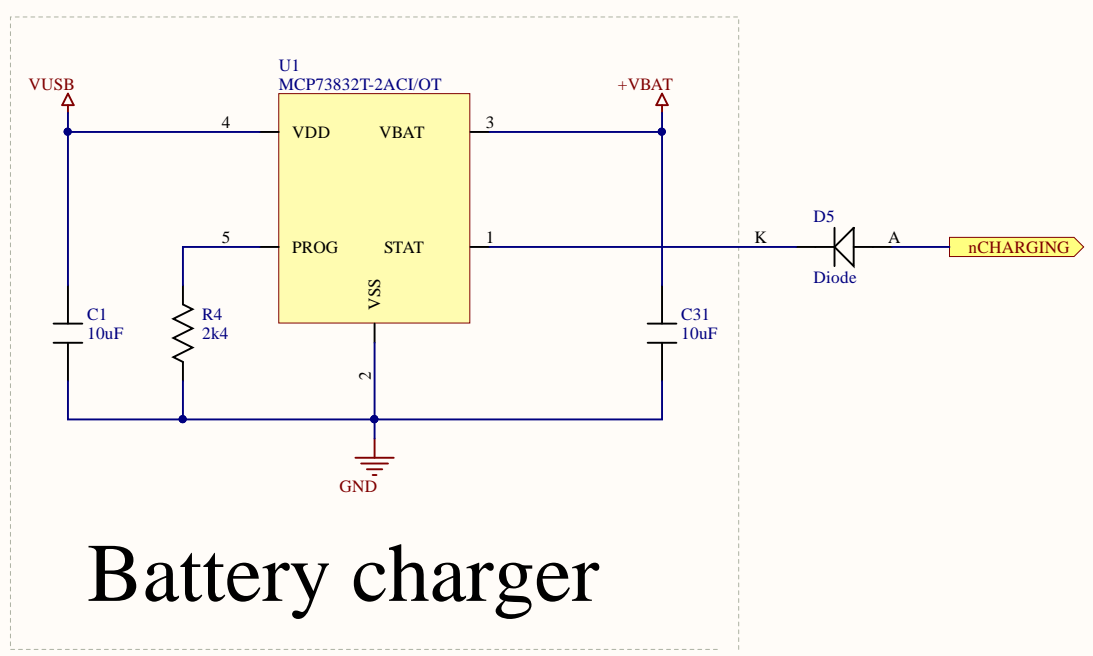
Battery V&I measurement

0V: off; 3V3: on

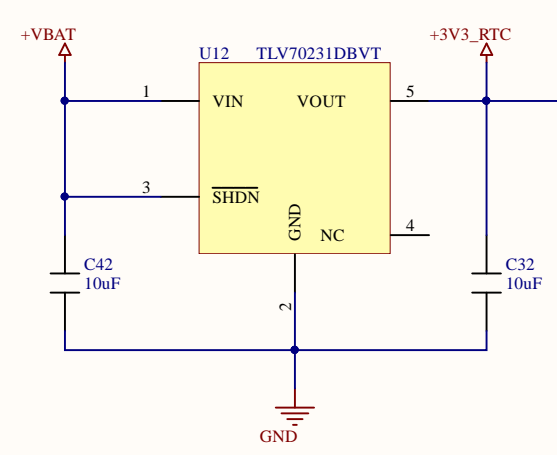
BATT_READ_EN



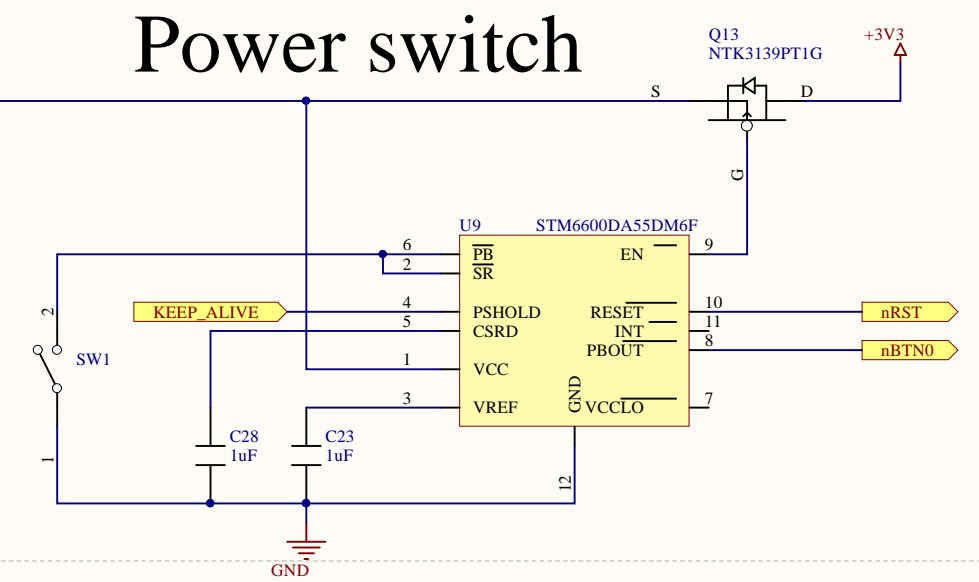
Battery charger



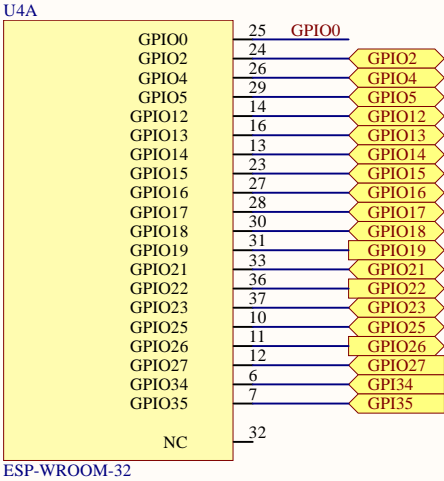
3,3V LDO



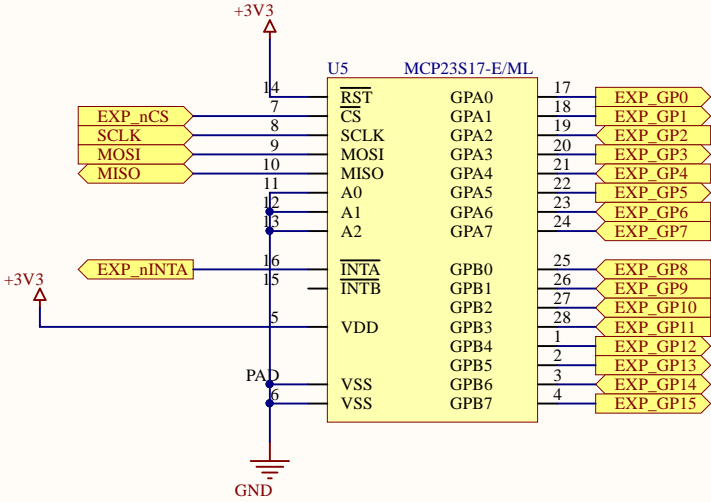
Power switch



ESP32: GPIO

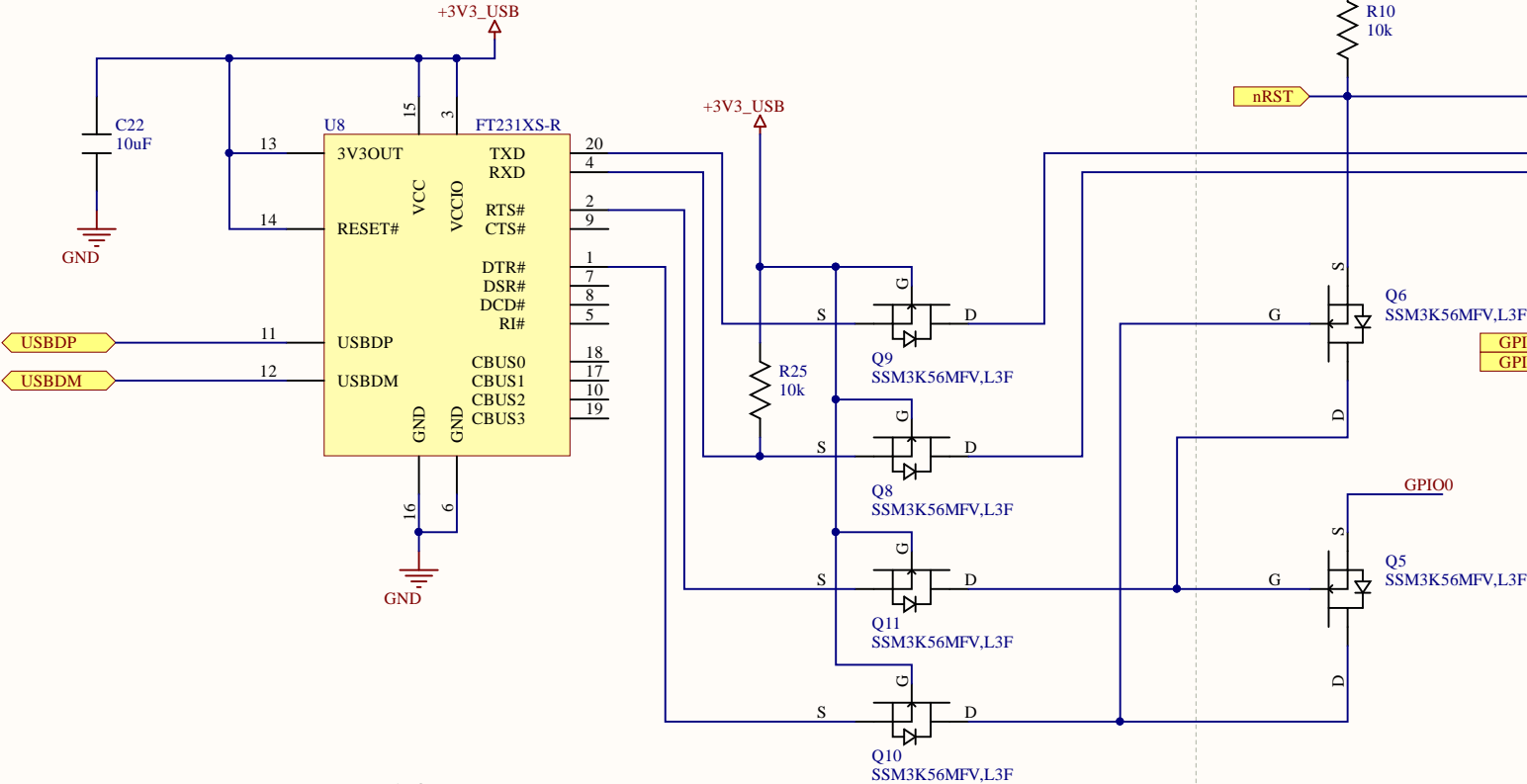


IO expanders



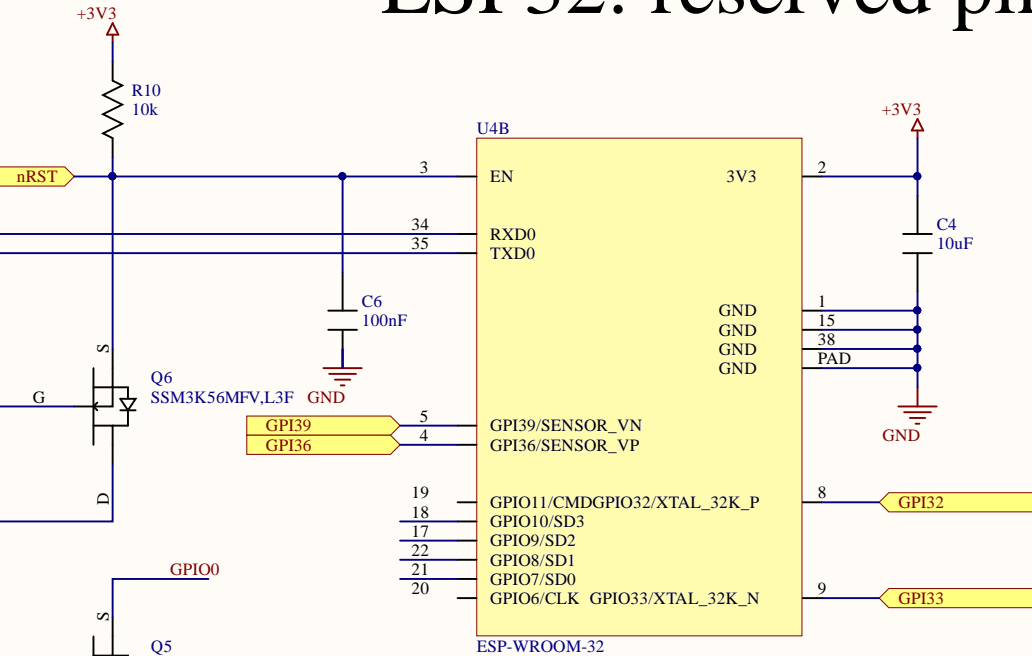
Use Open-drain config for interrupt

FTDI



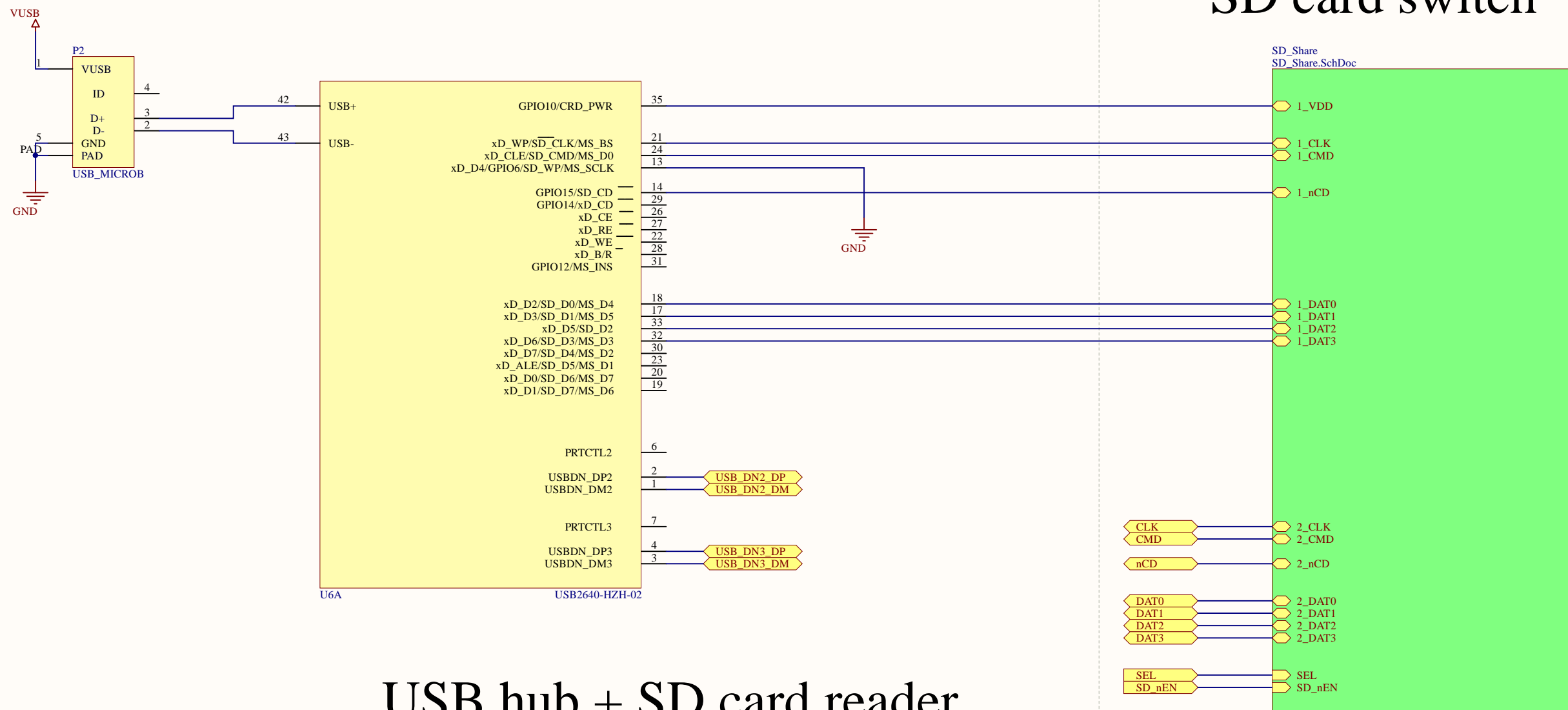
USB-UART powered from VUSB
And disconnect RTS, DTR, RXD and TXD when VUSB not present

ESP32: reserved pins

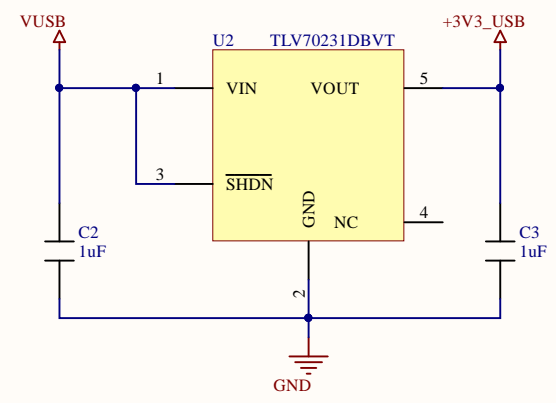


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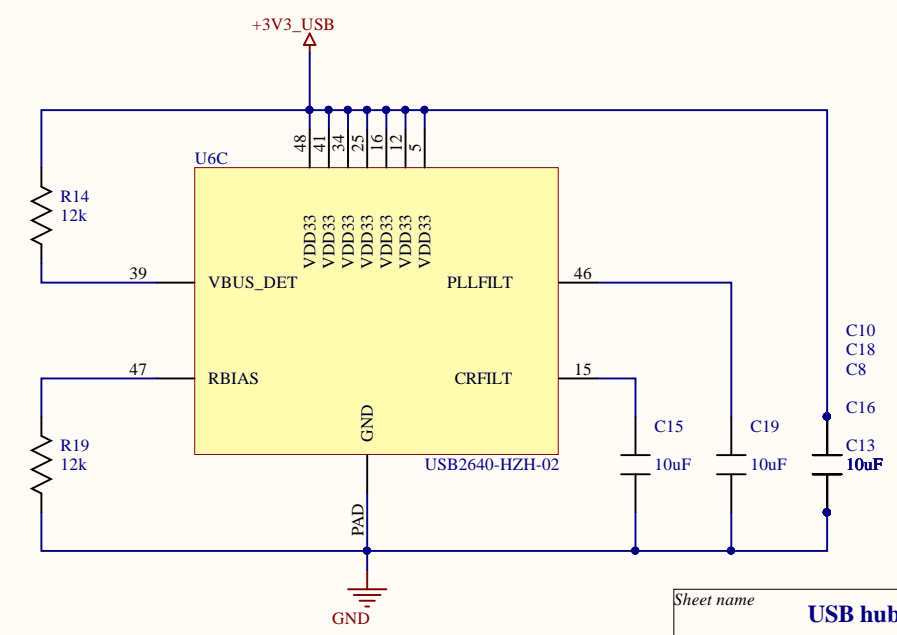
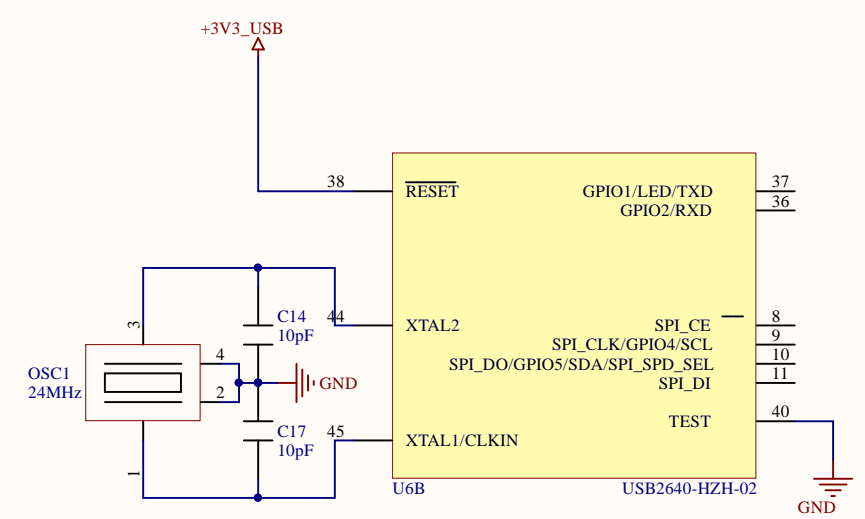




USB hub + SD card reader

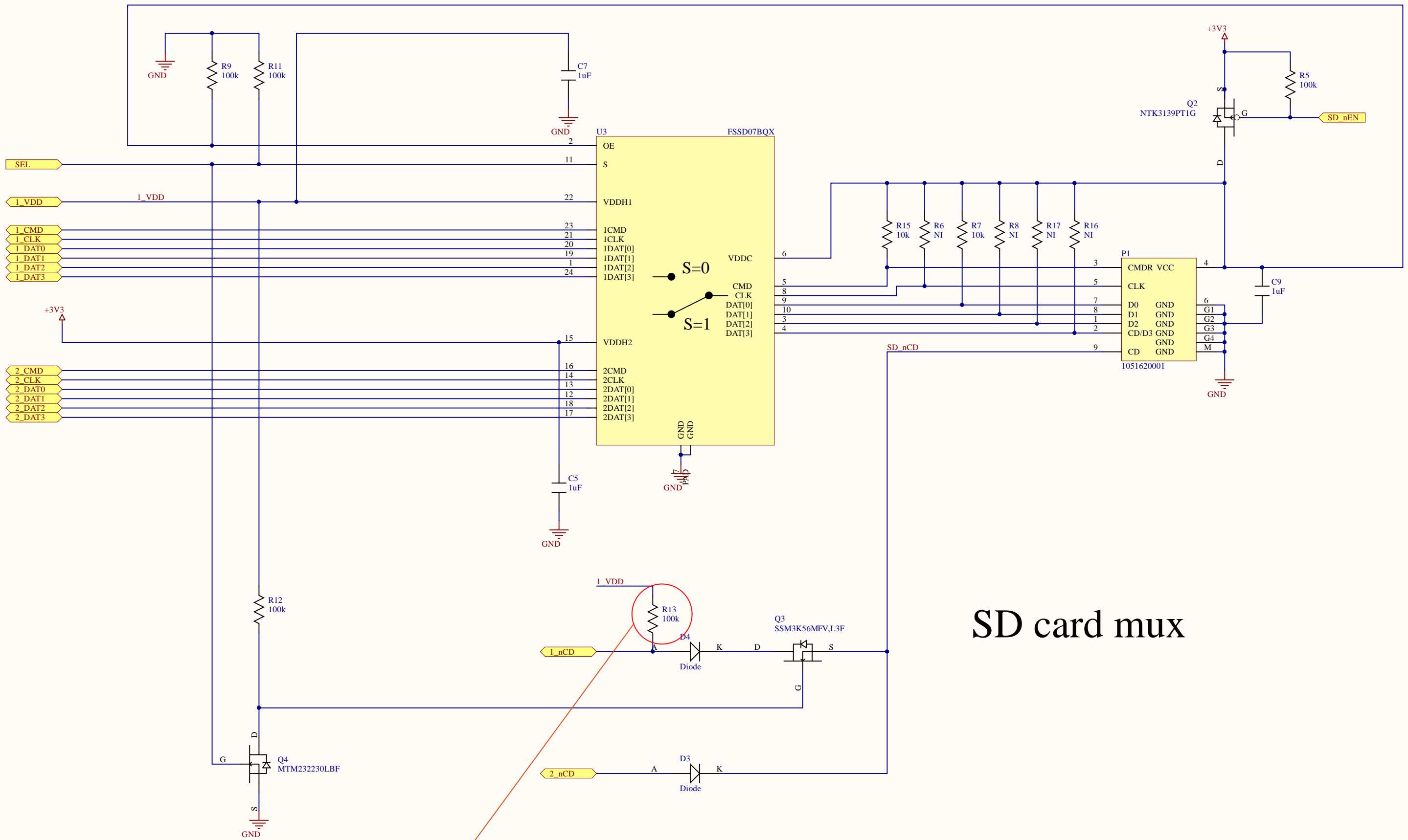


3,3V_USB LDO



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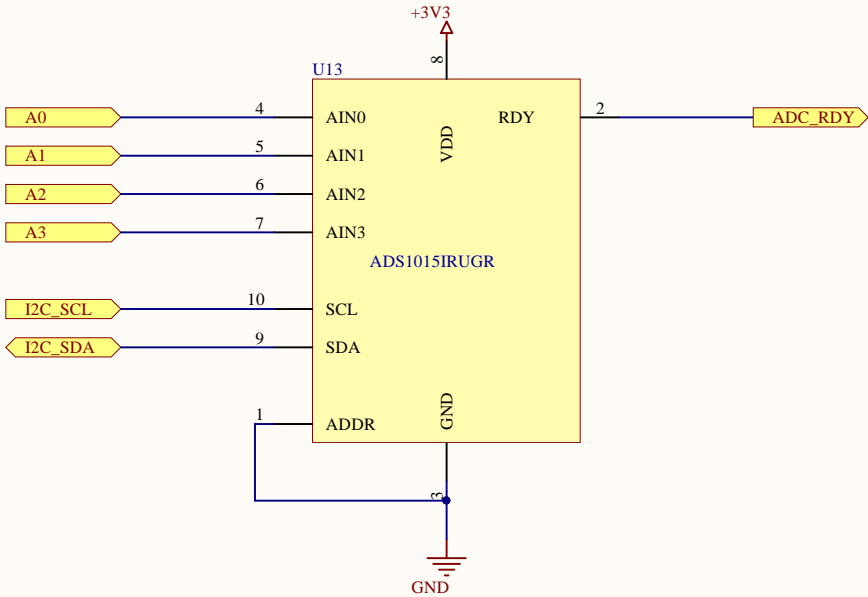
SD card mux

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

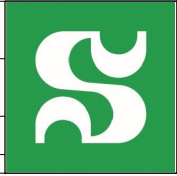
Sheet name	SD Card Sharing
Project name	OpenIMU
Contact	V.P.Rheume@USherbrooke.ca
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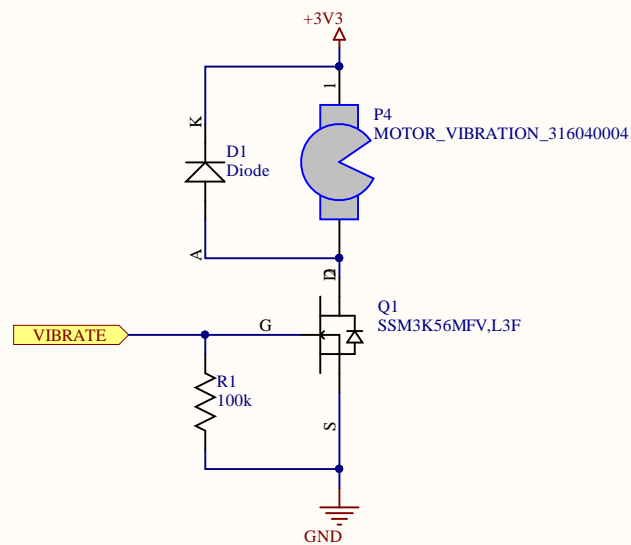


ADC

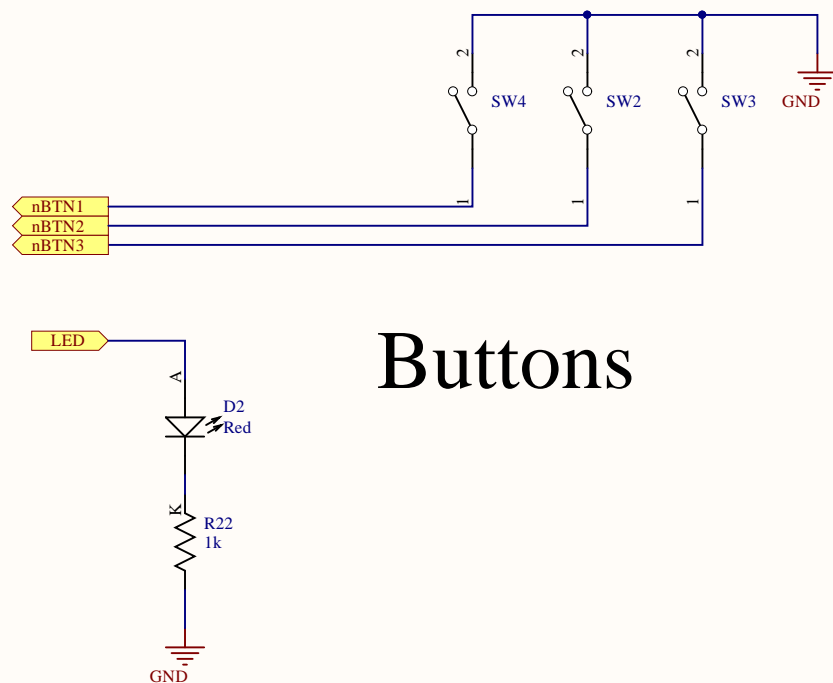


Sheet name	ADC
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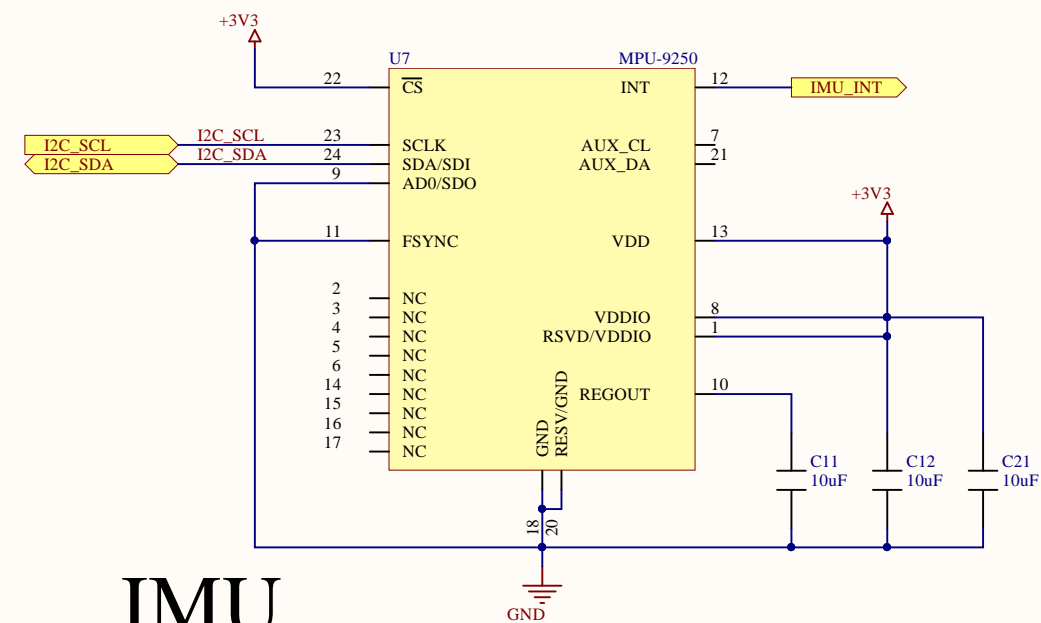




Vibration motor

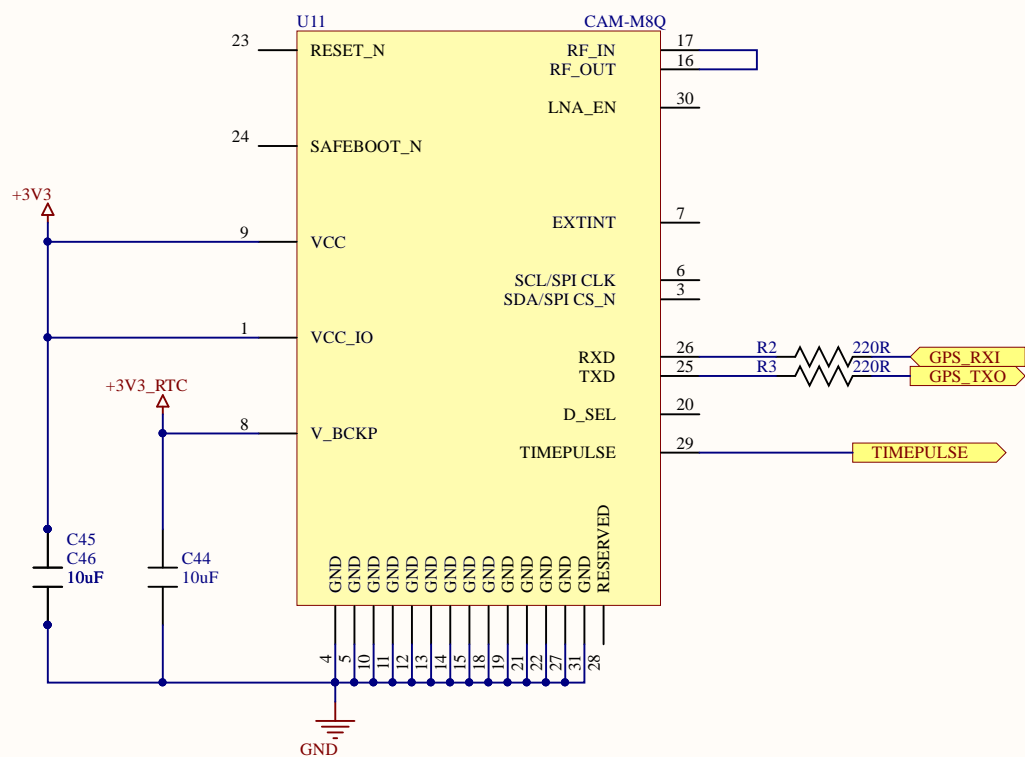


Buttons

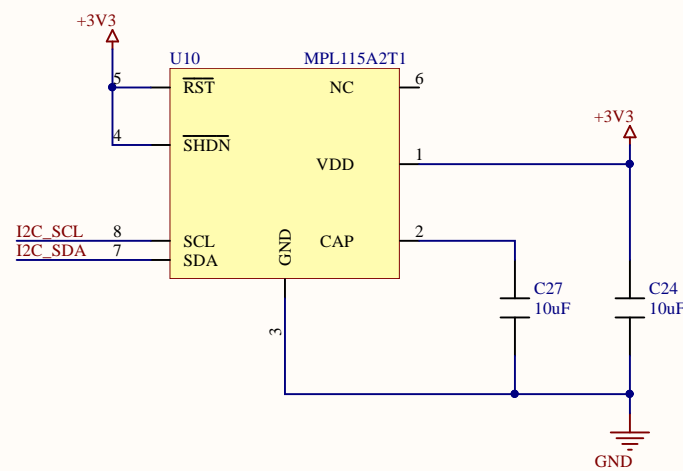


IMU

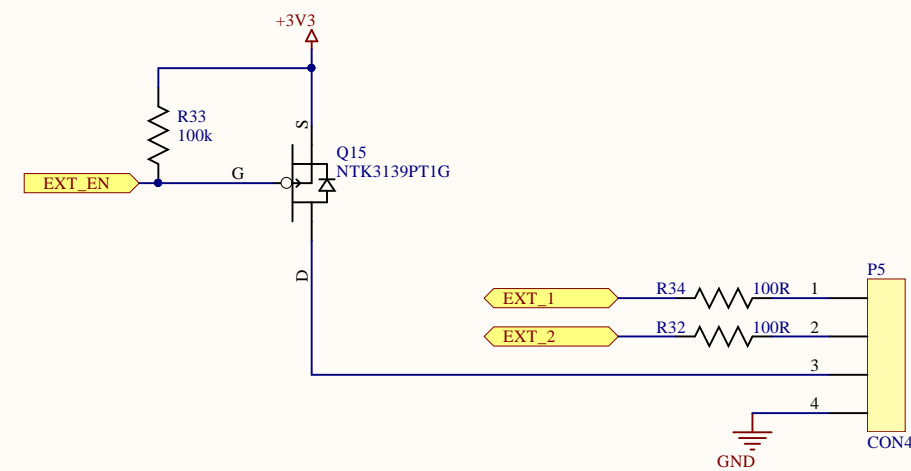
GPS



Pressure sensor

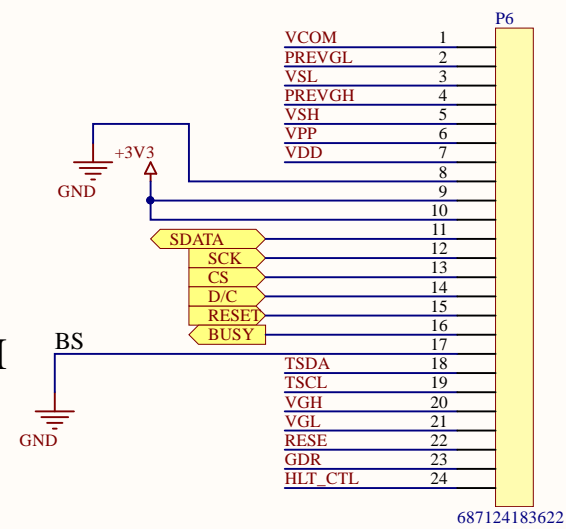


Expansion (I2C...)



Grove Connector





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