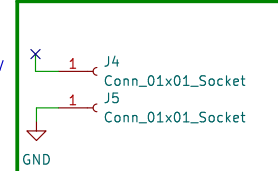


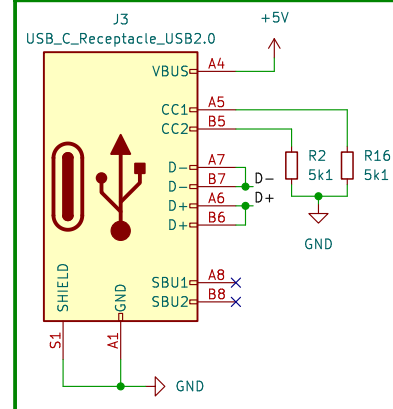
Handschuh

3.7V LiPo Akku -> Lademodul -> Boost Converter -> Vin 5V

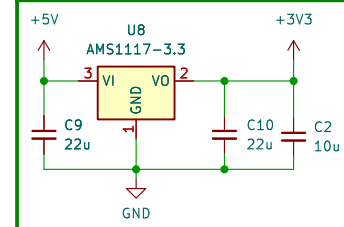
5V Power (LiPo)



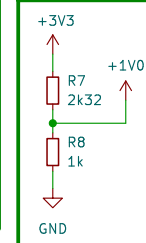
USB-C



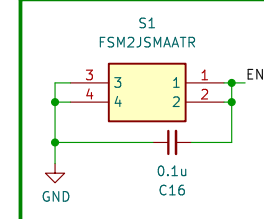
5V - 3.3V LDO Regulator



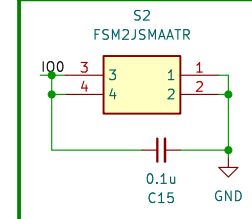
1V Vref für INA129



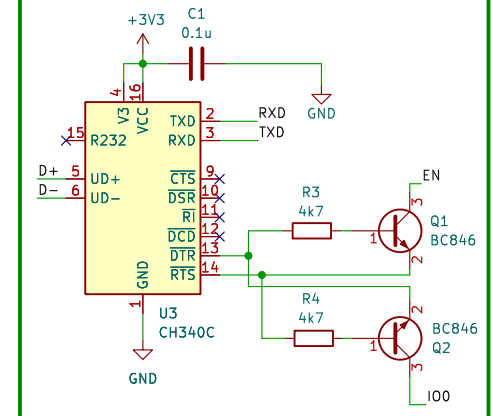
Reset Button



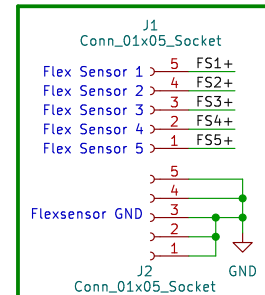
Upload Button



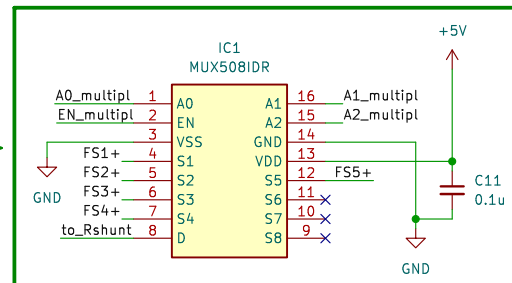
USB to UART Bridge



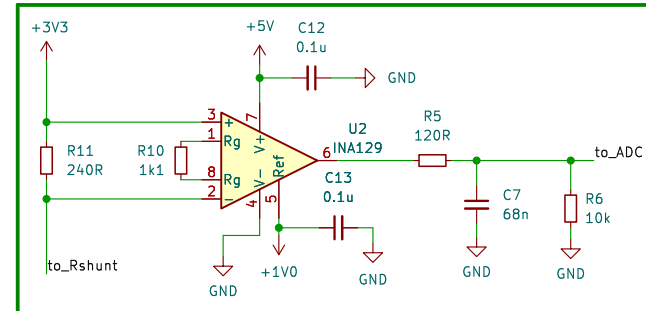
Anschlüsse Flexsensoren



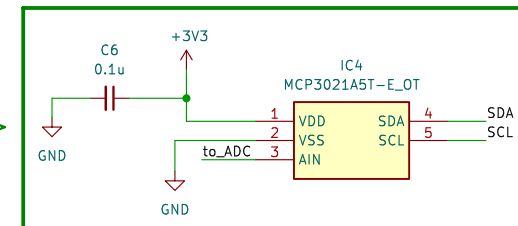
Multiplexer



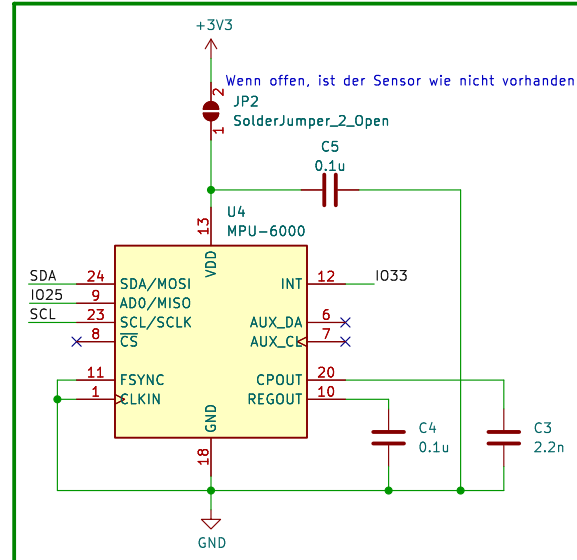
Messschaltung INA129



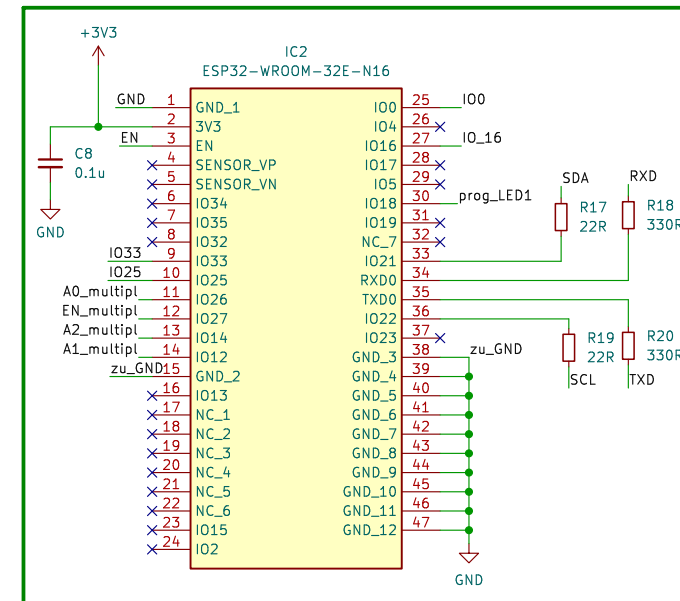
10-Bit ADC



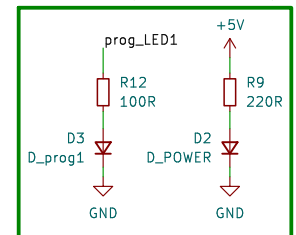
MPU-6000 Gyro Sensor



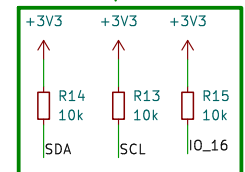
ESP32-WROOM-32E-N16



Power LEDs (Transmitter LED)



I2C Pull-Ups



zweite Version

Sheet: /
File: Handschuh.kicad_sch

Title: Schaltplan_Handschuh

Size: A3 Date: 2023-10-18
KiCad E.D.A. kicad 7.0.7

Rev: v2
Id: 1/1