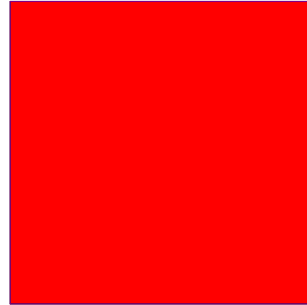
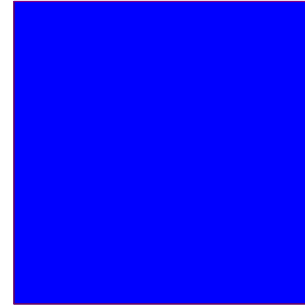


Power



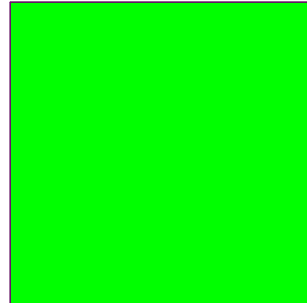
File: power.kicad_sch

Microcontroller & USB



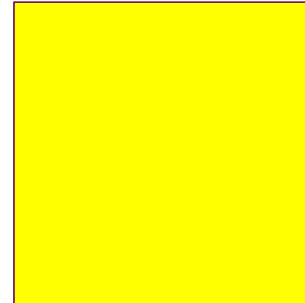
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Sensors



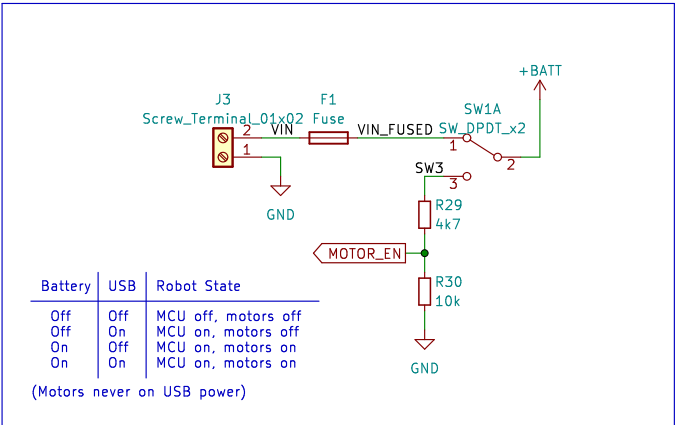
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Other

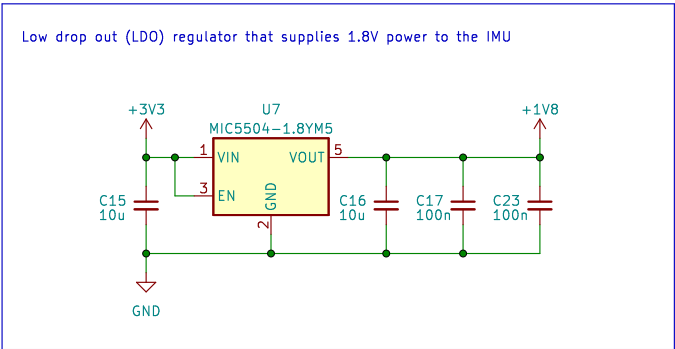


File: other.kicad_sch

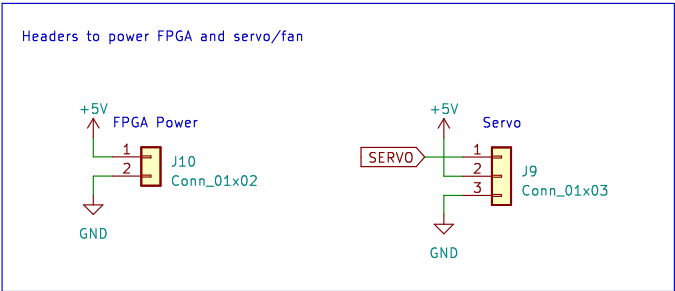
Battery Input and Switch



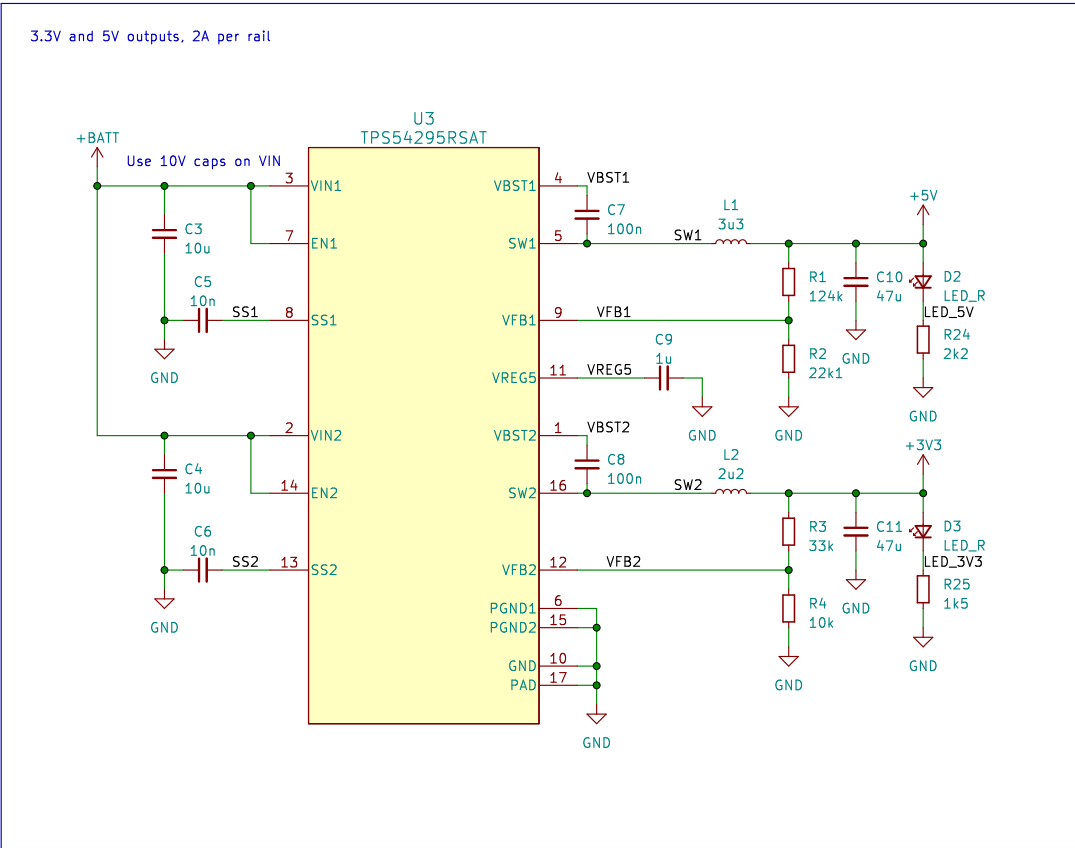
1.8V Regulator



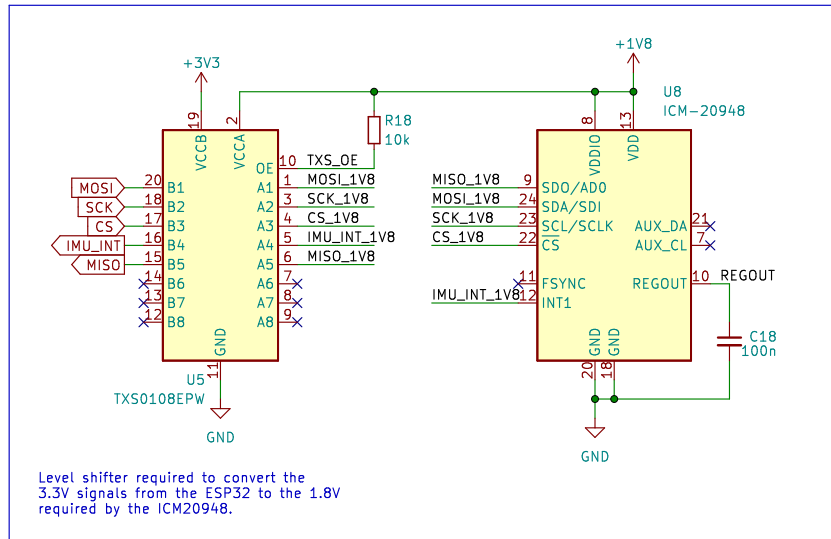
5V Headers



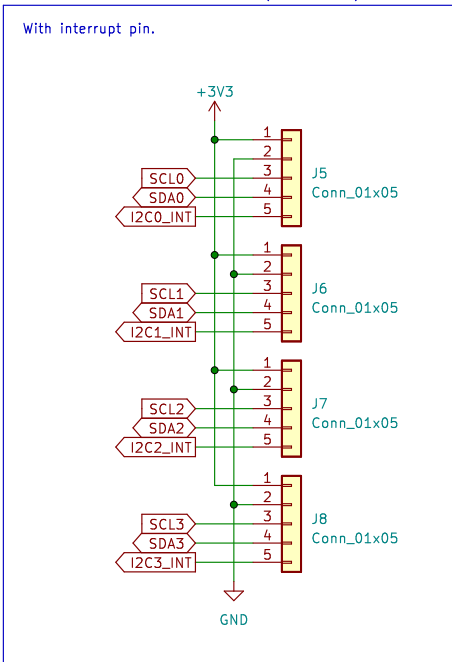
Buck Converter



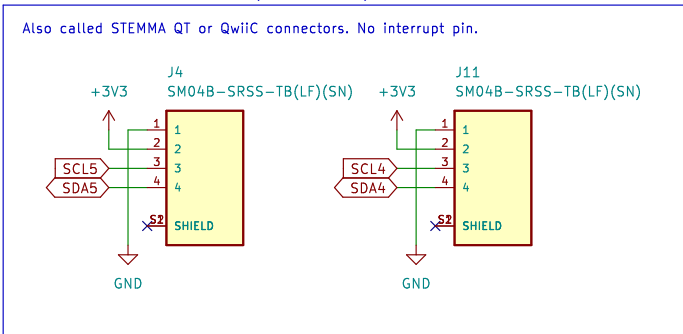
IMU & Level Shifter



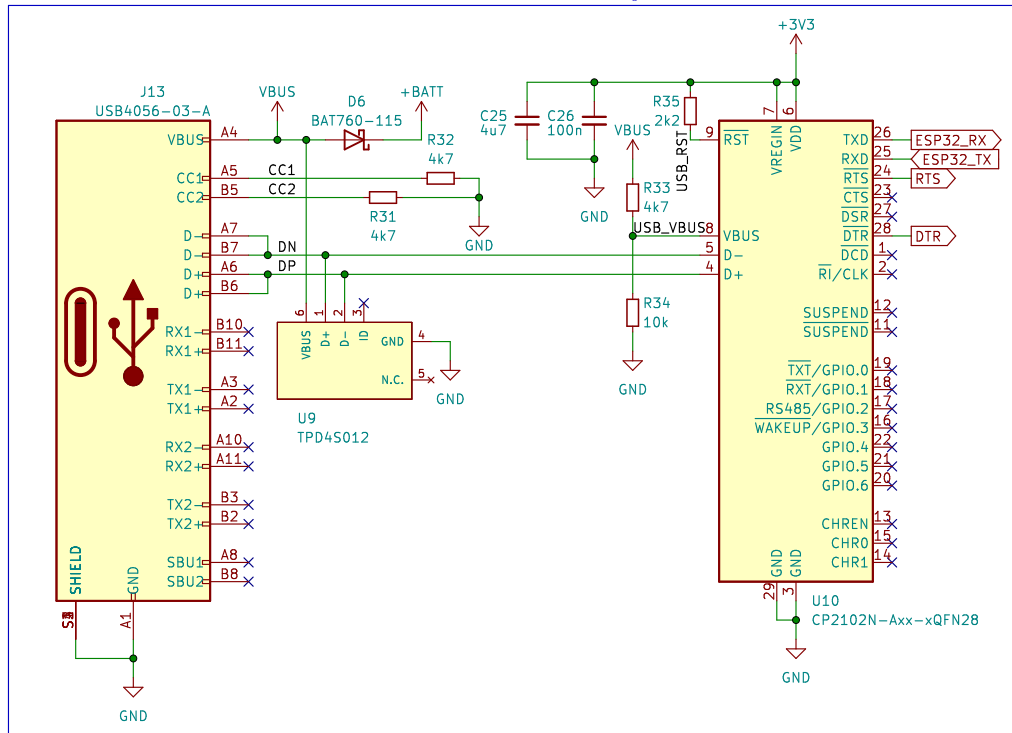
I2C Connectors (Molex)



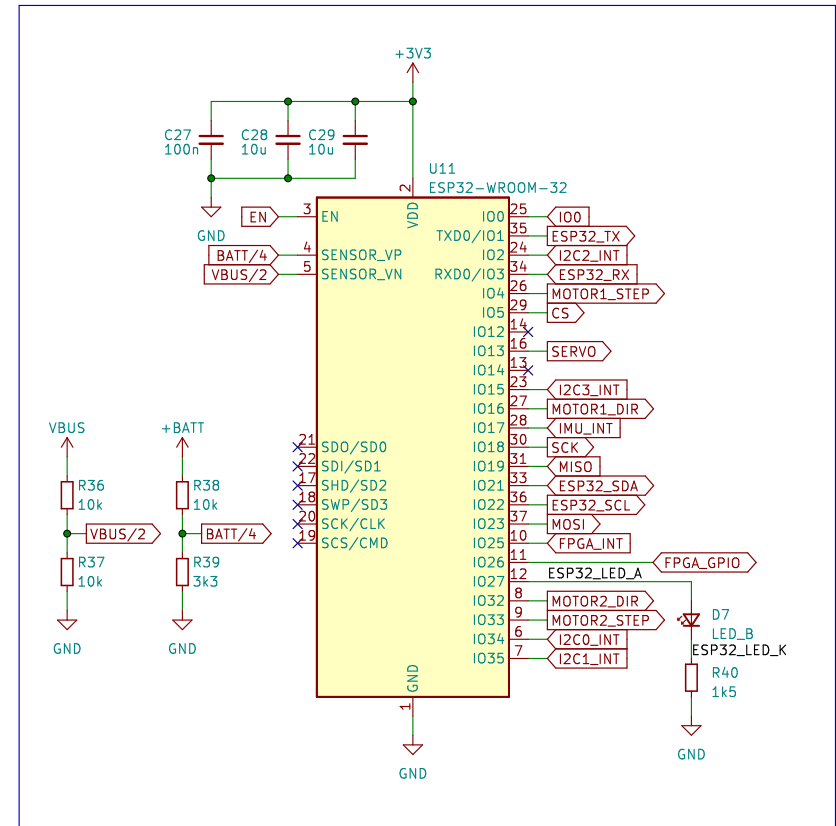
I2C Connectors (JST SH)



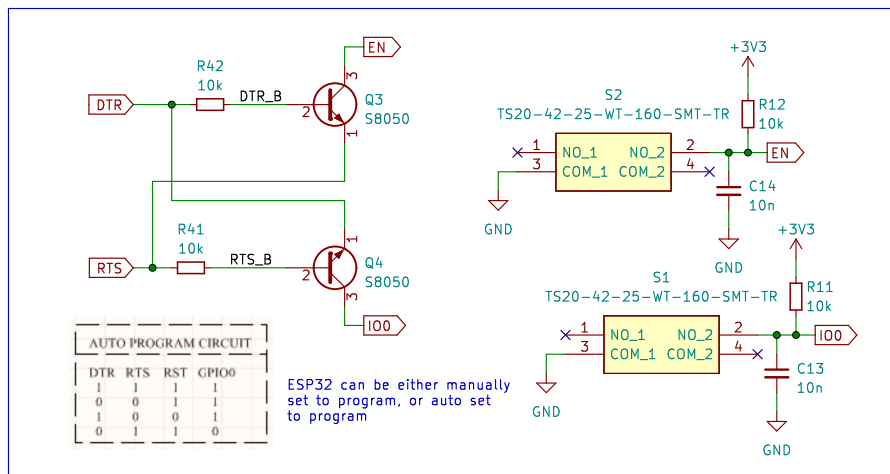
USB-C Connector and USB to UART Bridge



ESP32



Reset and Boot



[illegible]

The image contains two circuit diagrams. The top diagram shows two mounting holes, H1 and H2, each labeled 'MountingHole_Pad'. They are connected by a horizontal green line. From the left end of this line, a vertical green line goes down to a green dot, which is then connected to a red triangle pointing down, labeled 'GND'. The bottom diagram is identical, but with mounting holes H3 and H4.

JP4

Jumper_3_Open

MOTOR1_STEP

MOTOR2_STEP

MOTOR2_STEP_IN

Jumper to decide whether motor 2 is fed by the same step pin as motor 1