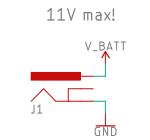
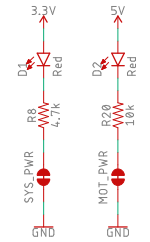


Battery Connector

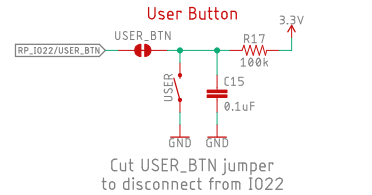
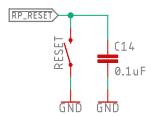


Power LED

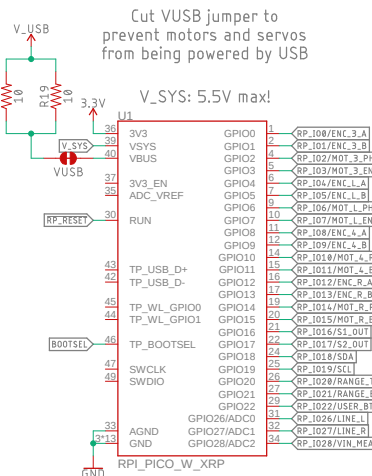


Cut PWR jumpers to remove power LEDs

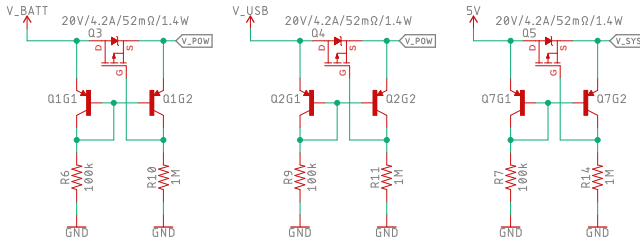
Reset Button



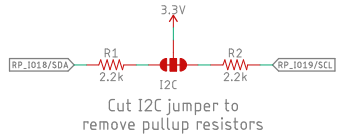
RPi Pico W



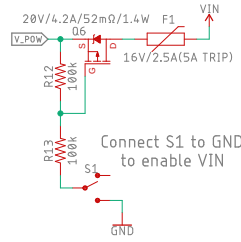
Power Flow Perfect Diode Circuits



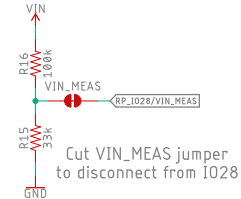
I2C Pullups



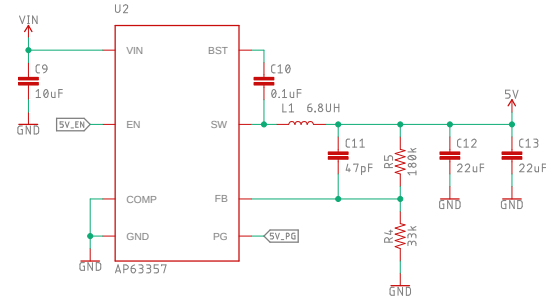
Power Switch



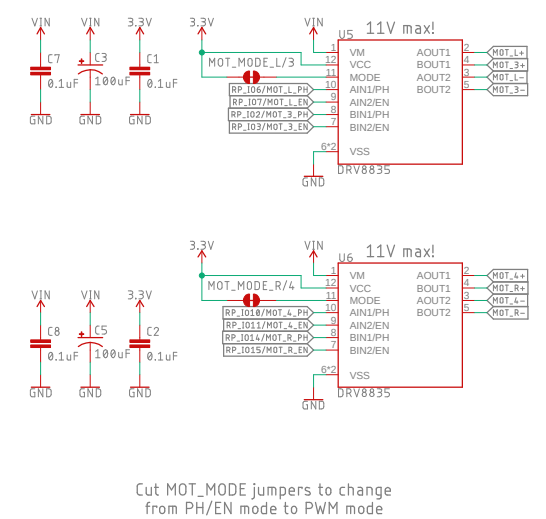
VIN Measurement



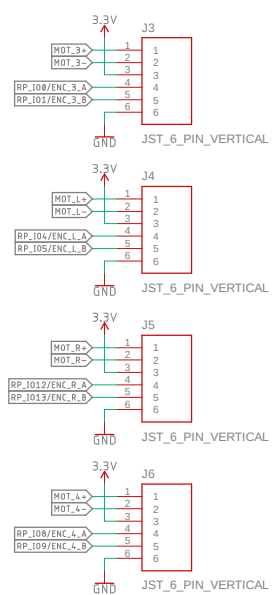
5V Buck Regulator



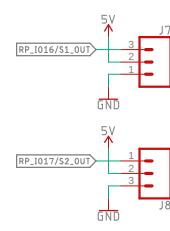
Motor Drivers



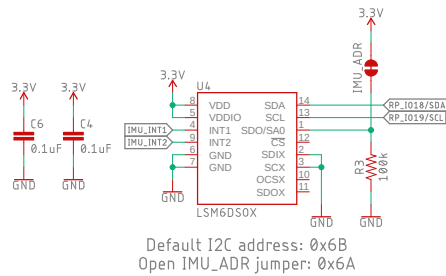
Motor Connectors



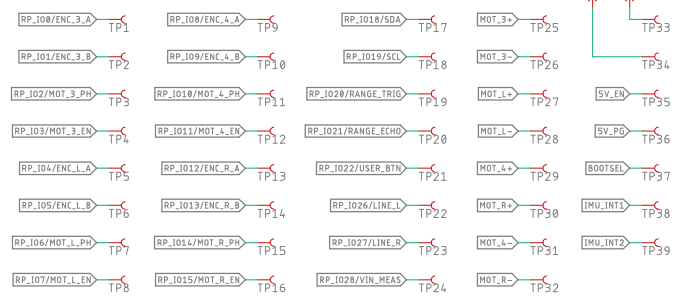
Servo Connectors



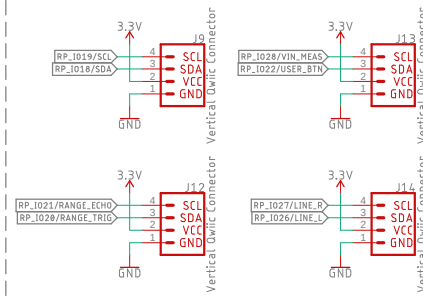
6-DoF IMU



Test Points



Expansion Connectors



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TITLE: XRP_Controller_Beta

Design by: Dryw Wade

Date: 3/14/2025 10:29 AM

REV: v10

Sheet: 1/1