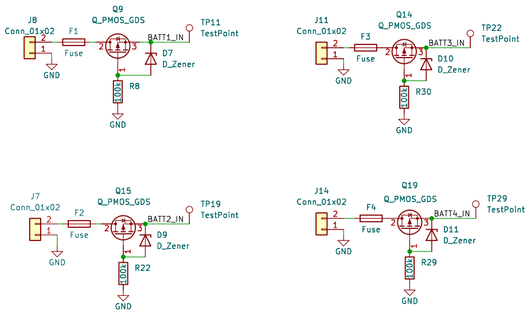
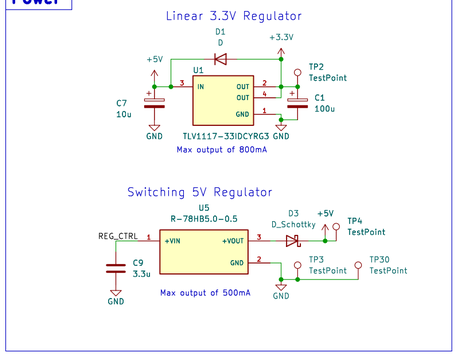
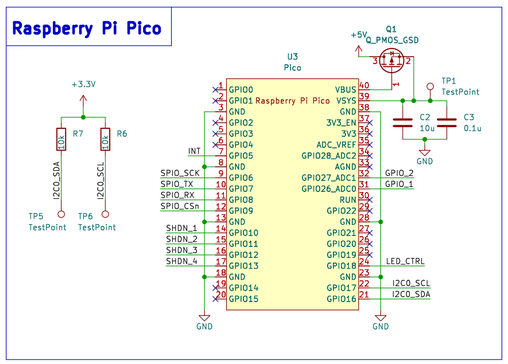
Battery Inputs



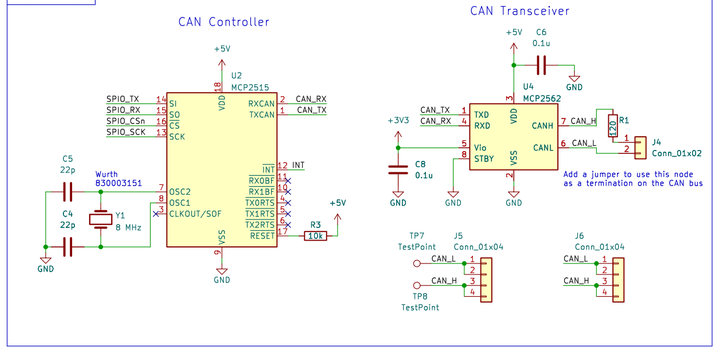
Power



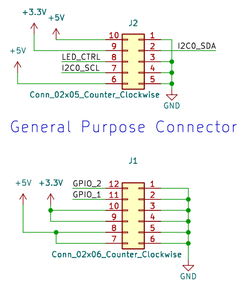
Raspberry Pi Pico



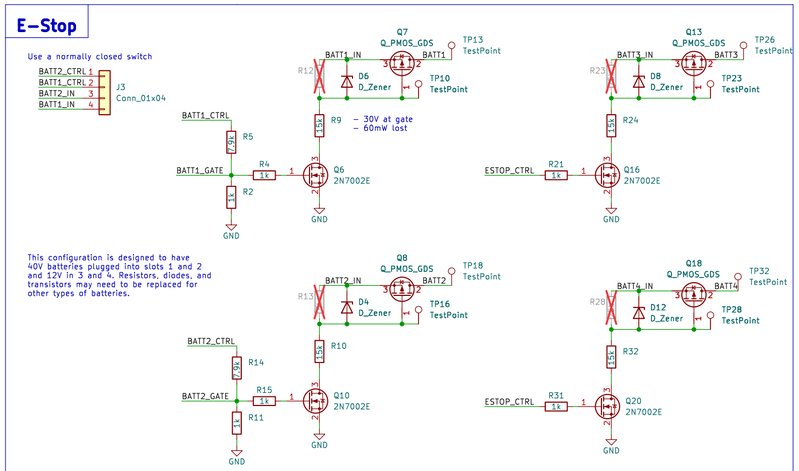
CAN Bus



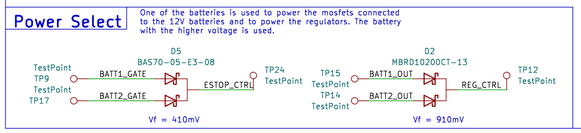
Output Connectors



E-Stop



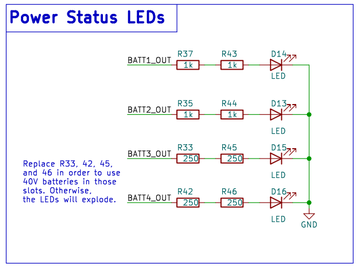
Power Select



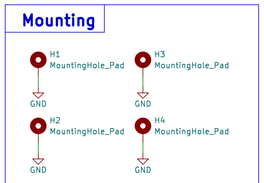
R12, 13, 23, and 28 may be modified or left off as necessary based on observed results.

Either 40V battery can be plugged in to run the rover. The diode array will determine which one powers the e-stop circuitry and on-board regulators.

Power Status LEDs

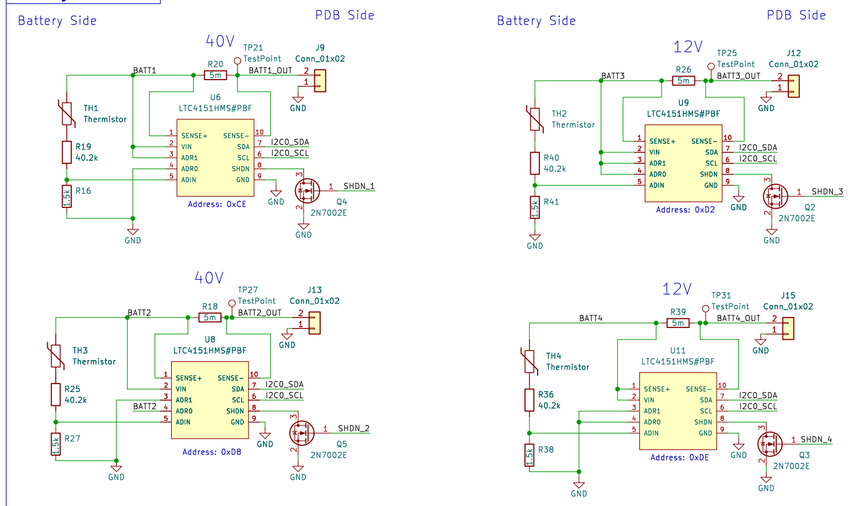
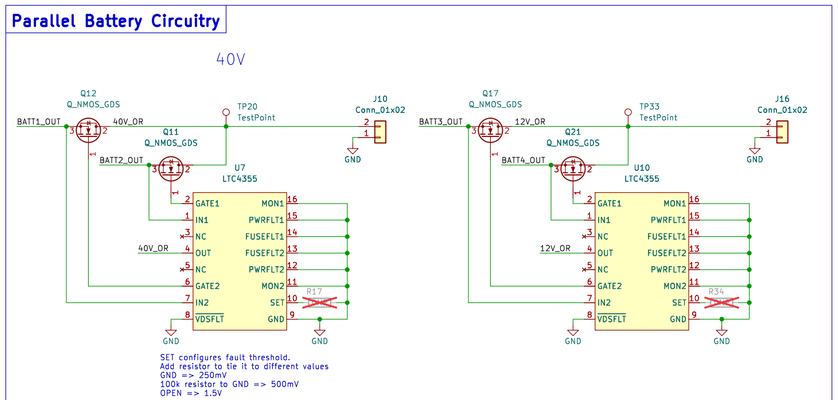


Mounting



Battery Monitors

Monitors measure high side current
Use Kelvin Connections for accurate measurement



Parallel Battery Circuitry