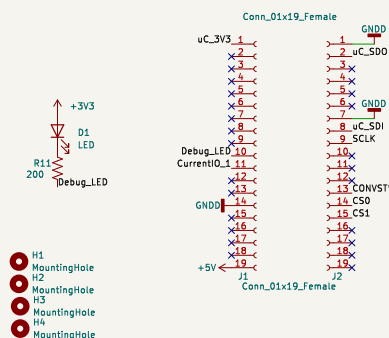
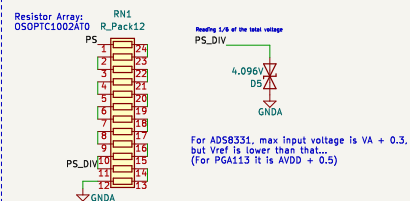


Microcontroller

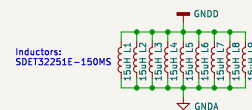
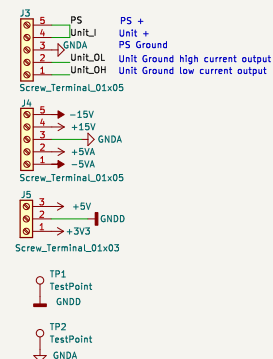
Using the ESP32-DevKitC V4



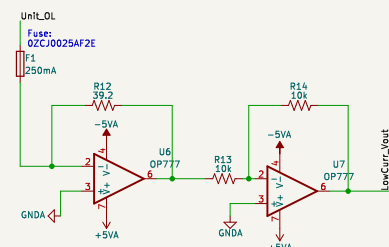
Voltage Measurement Circuit



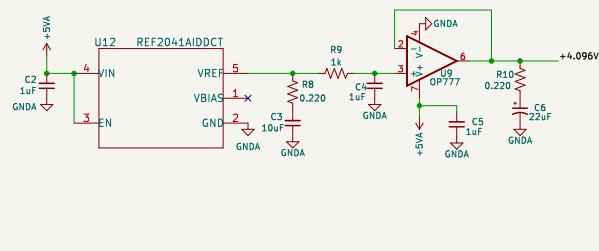
Power



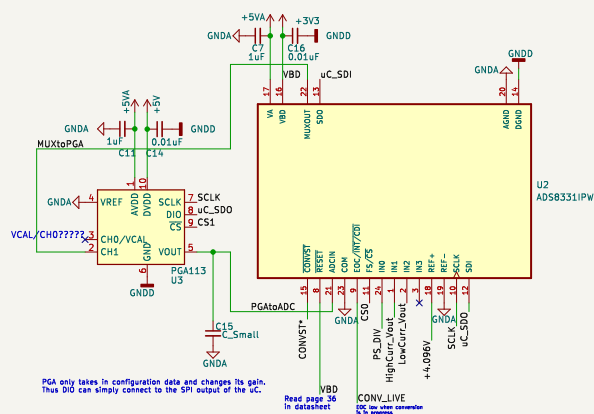
20mA Current Measurement Circuit



Reference Voltage



Analog to Digital Converter + Programmable Gain Amplifier



9A Current Measurement Circuit

