ESP32 Radiosonde

Programming Header

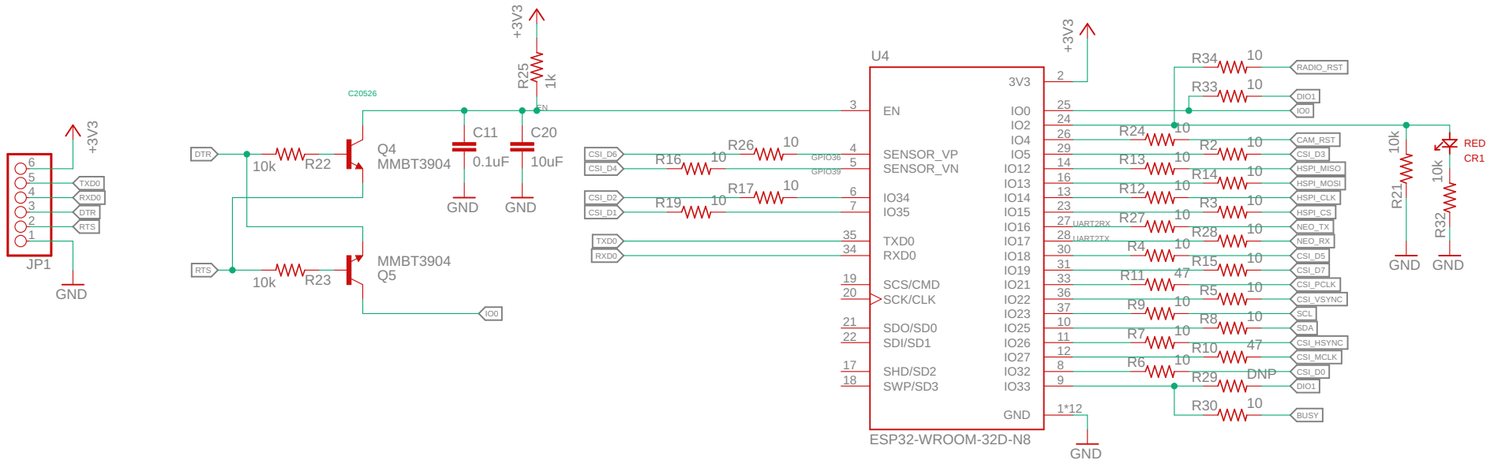
Programming Circuitry

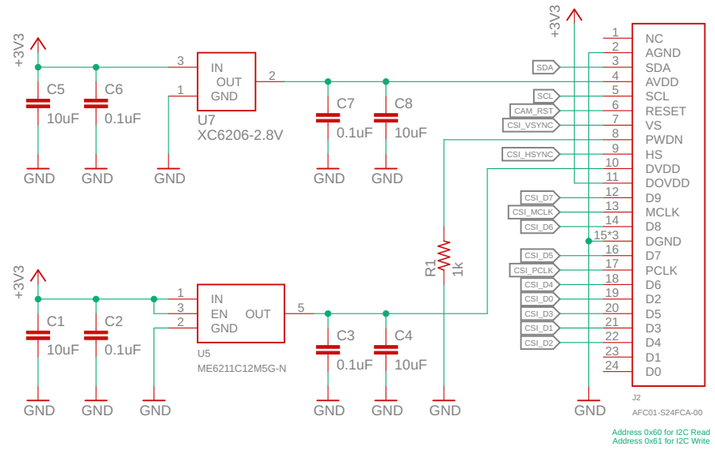
ESP32WROOM

Camera Power

OV2640 FPC Connwctor

Pinout and ESP32 pin selection based on this: https://docs.m5stack.com/en/unit/unit_cam





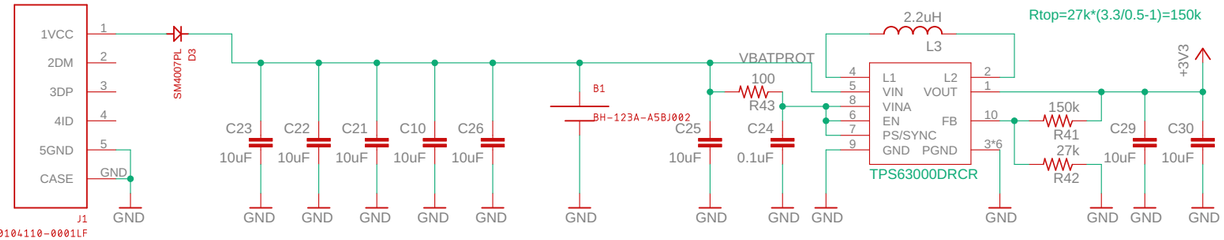
Micro USB Test Power Input

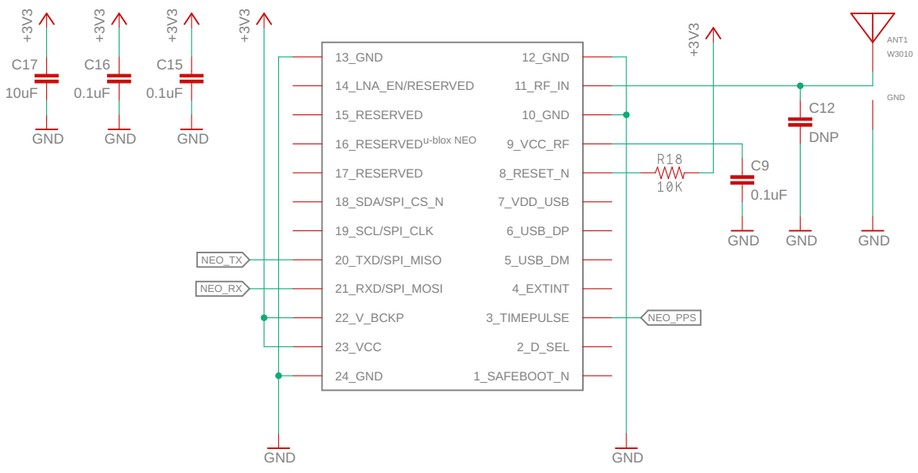
CR123A Battery Holder

Buck / Boost Converter

NEO-M6 GPS

Do not plug both the battery and USB in at the same time or there will be a fire.





SHT40 Hummidity Sensor

BMP280 Pressure Sensor

433MHz LoRa Transmitter