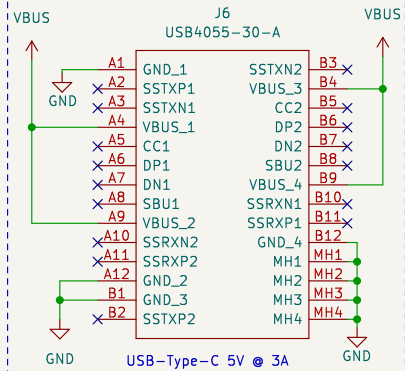
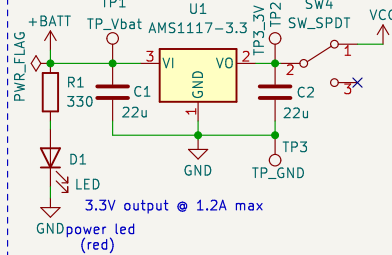


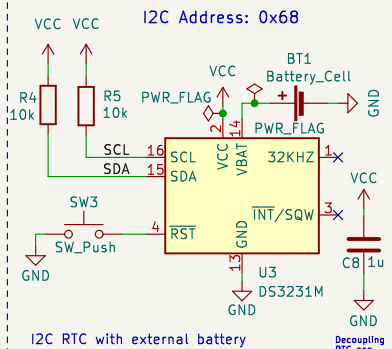
USB-Type-C



3.3V Regulator

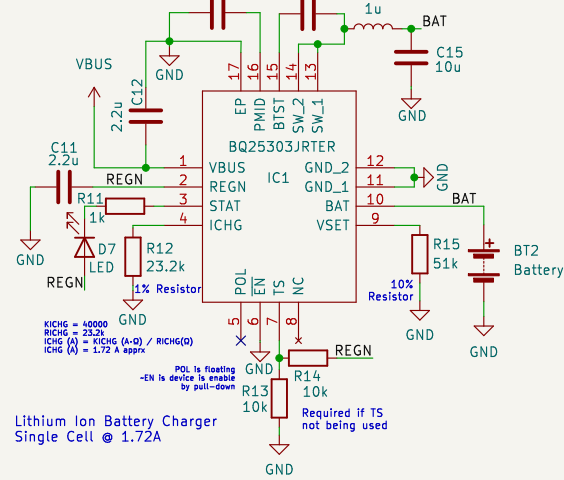


Real-Time-Clock (RTC) Sensor

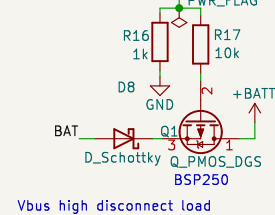


Keep diodes away from insert slot
Resistors: 0402
Capacitors: 0402

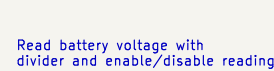
Battery Charger



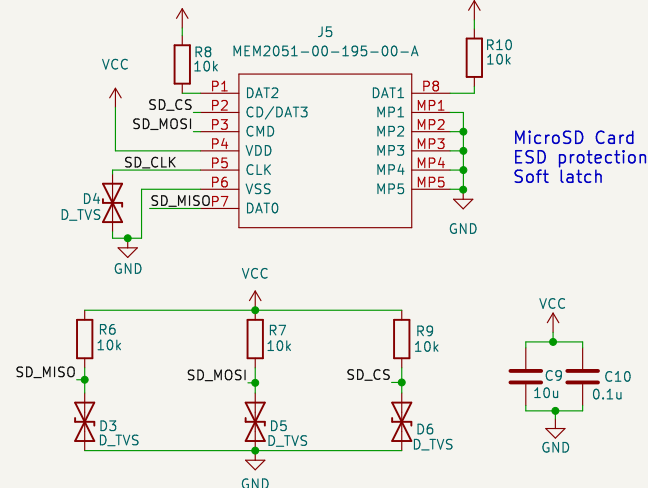
USB Charge Detection



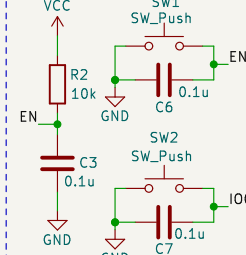
Battery Reading



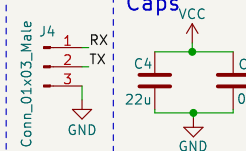
MicroSD Card



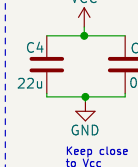
Bootup Buttons



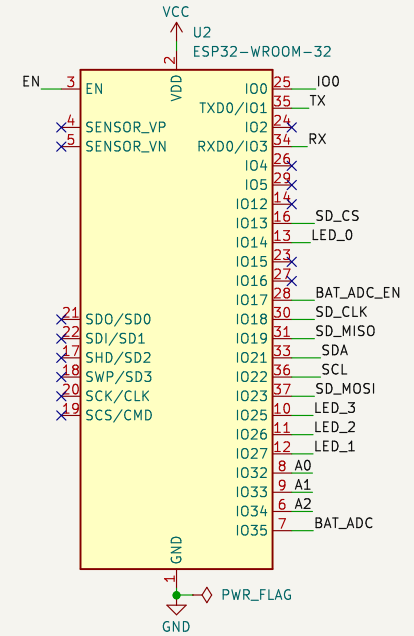
UART



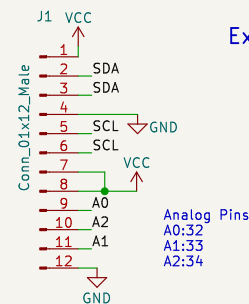
Decoupling Caps



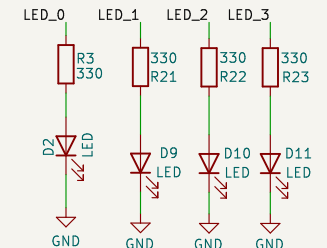
ESP32



External Pins



LEDs



Jesus Minjares