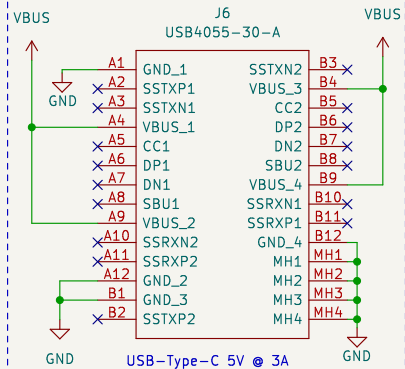
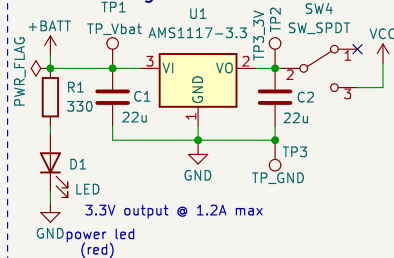


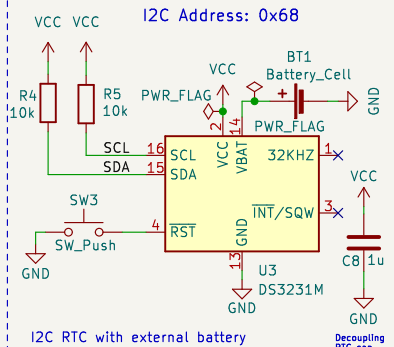
USB-Type-C



3.3V Regulator

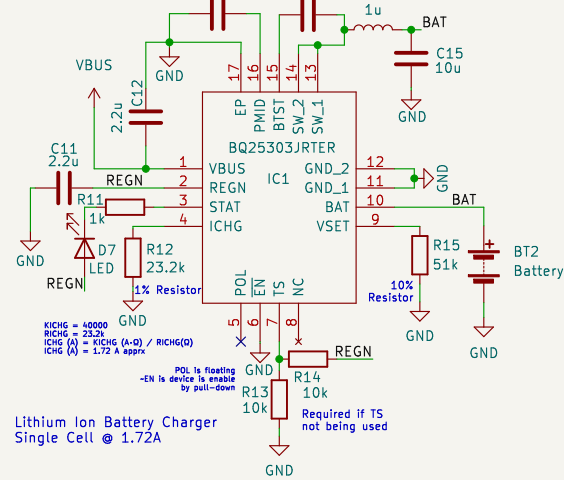


Real-Time-Clock (RTC) Sensor

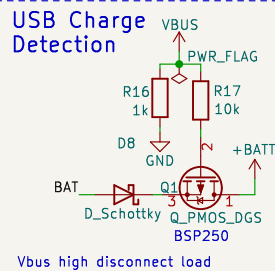


Keep diodes away from insert slot
Resistors: 0402
Capacitors: 0402

Battery Charger



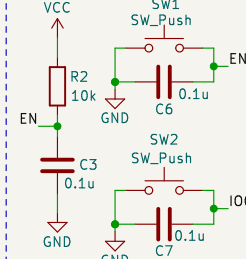
USB Charge Detection



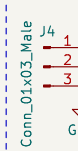
Battery Reading

Read battery voltage with divider and enable/disable reading

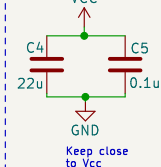
Bootup Buttons



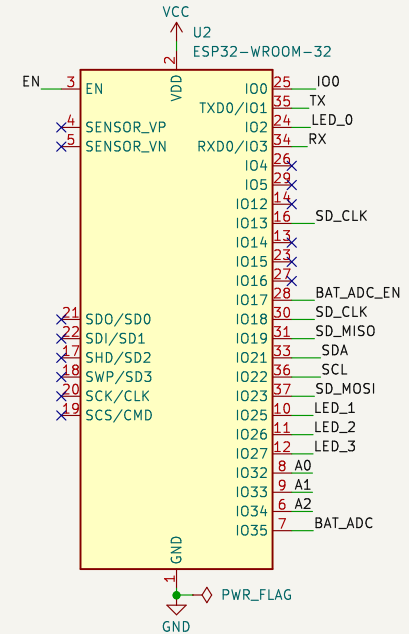
UART



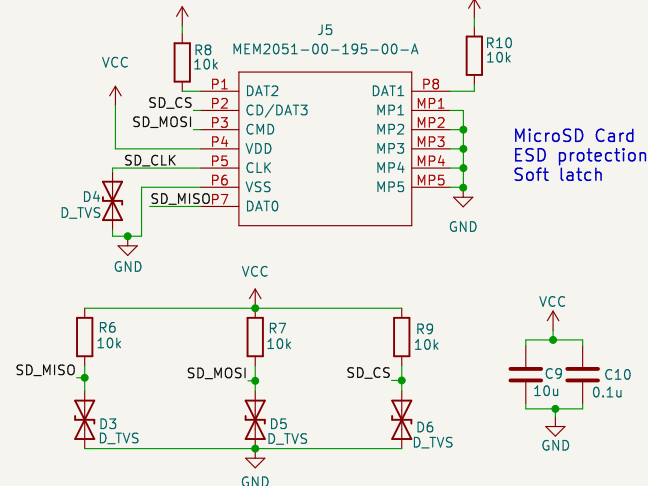
Decoupling Caps



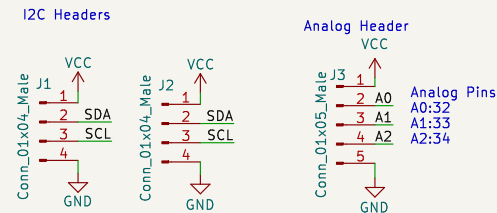
ESP32



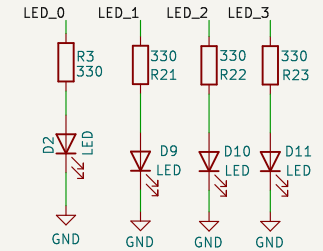
MicroSD Card



External Pins



LEDs



Jesus Minjares