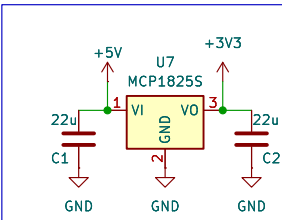
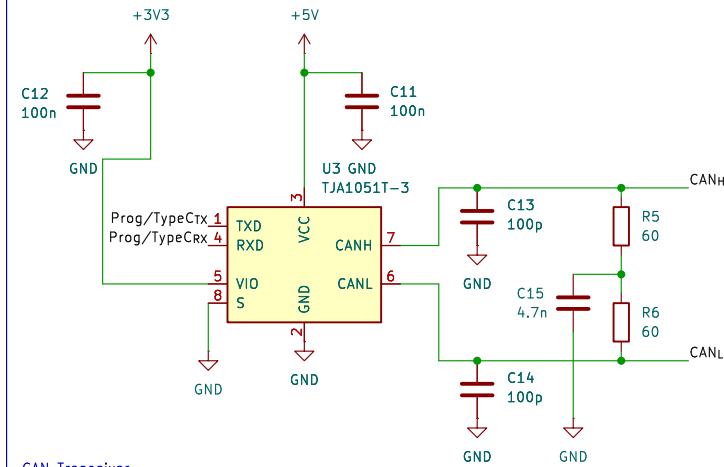


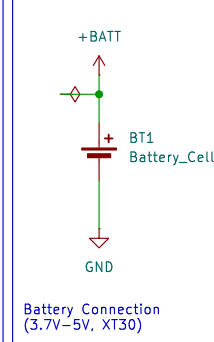
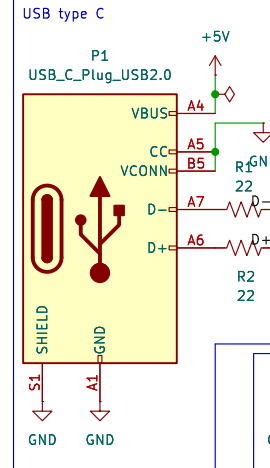
Programming (ESP PROG)



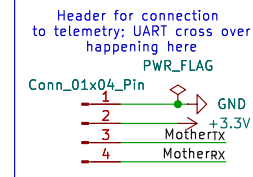
5V -> 3.3V Regulator



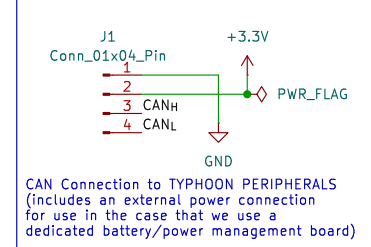
CAN Transceiver



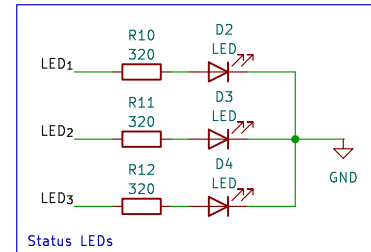
Battery Connection
(3.7V-5V, XT30)



Header for connection
to telemetry: UART cross
happening here

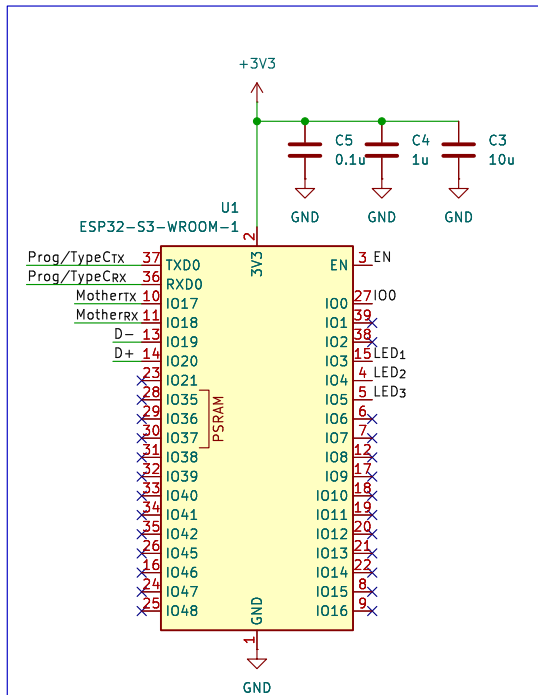


CAN Connection to TYPHOON PERIPHERALS
(includes an external power connection
for use in the case that we use a
dedicated battery/power management board)

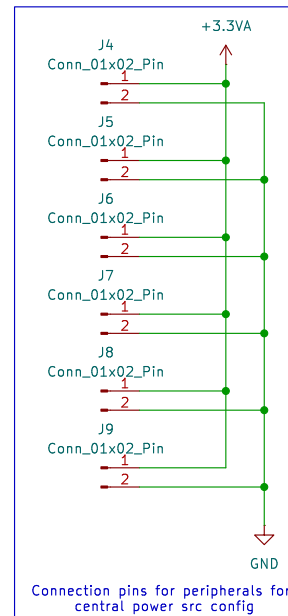


Status LEDs

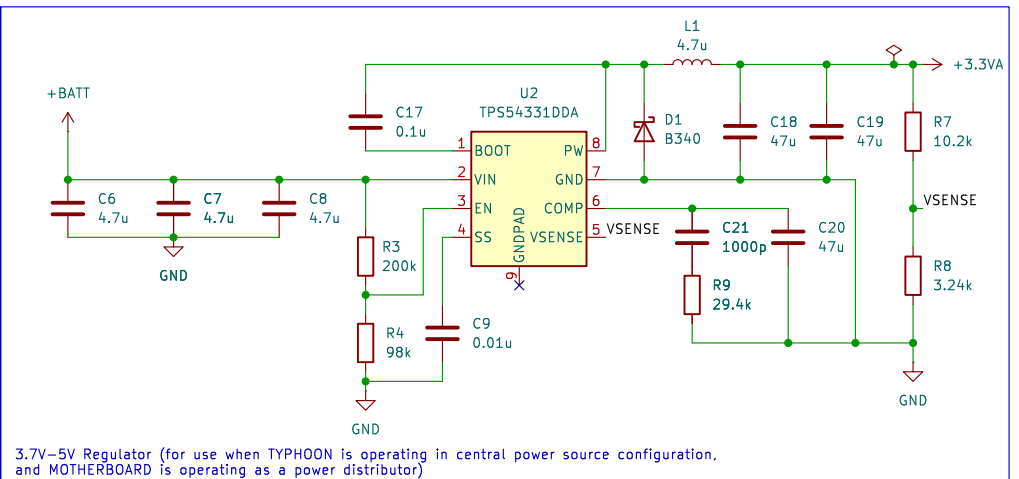
UART Usage warning:
Due to # of UART sets, Prog and Type C UART connections will use the
same set on ESP32; WHEN TYPE C is connected, Debugger should NOT be connected
with anything, and vice versa



ESP32-S3-WROOM-1



Connection pins for peripherals for
central power src config



3.7V-5V Regulator (for use when TYPHOON is operating in central power source configuration,
and MOTHERBOARD is operating as a power distributor)

Sheet: /
File: Typhoon Motherboard KiCad.kicad_sch

Title:

Size: A4

KiCad E.D.A. 8.0.2

Date:

Rev:

Id: 1/1