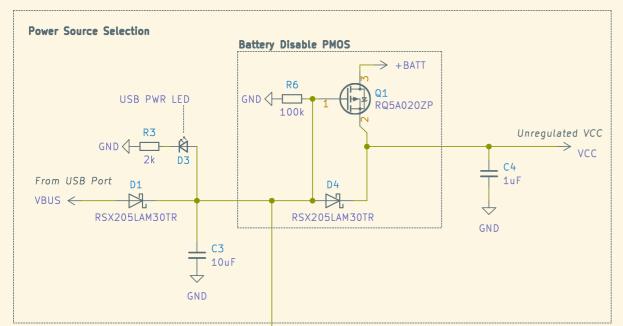
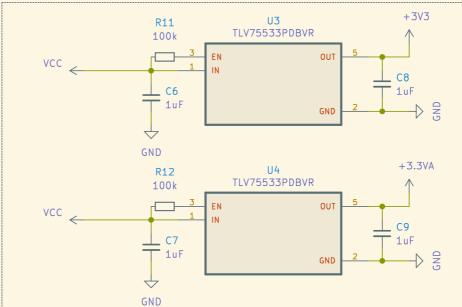


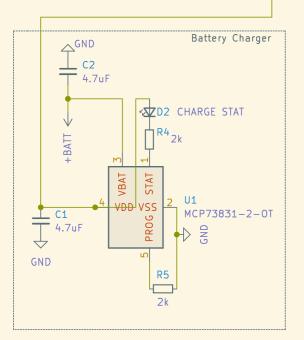
## TODO -> USB-C Port [x] CC Pin Pull-downs [] ESD Protection -> Power Management Subsystem [x] Input Source Switching [x] Battery Fuel Gauge [] Reverse-polarity Protection -> Bootstrap + Prog. Sheet [] ESP32S2 Bootstrapping [] ESP32S2 Prgm. Switches [] ESP32S2 UART Breakout [] ESP32S2 UART Auto-Prog. Circuit -> Feather Headers Sheet [] Feather-spec Pinout Headers [] Decide on what useful GPIO to have. [] Route UART1 / UART2 hardware UARTS.



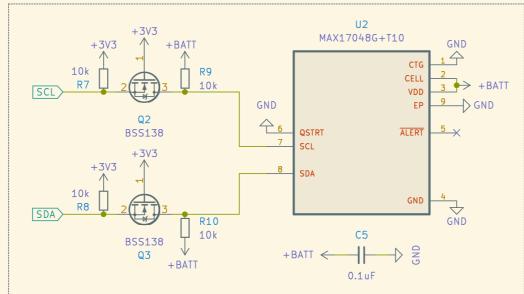


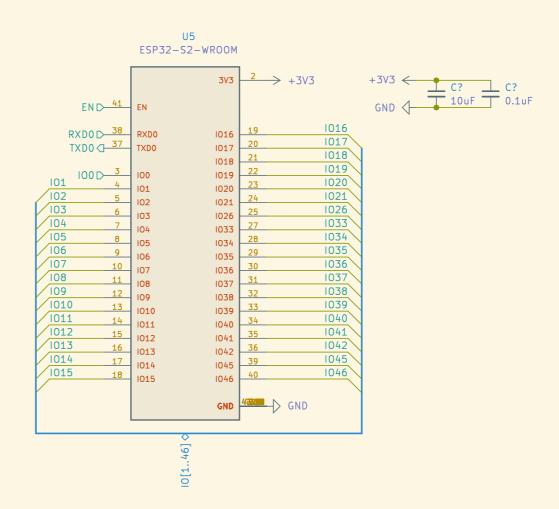
NOTE: 2ND LDO ONLY FOR 3V30 PIN Do not put LDO's in parallel, this will cause issues with LOAD BALANCING.

Here, "3V3A" means "Auxiliary 3.3V"

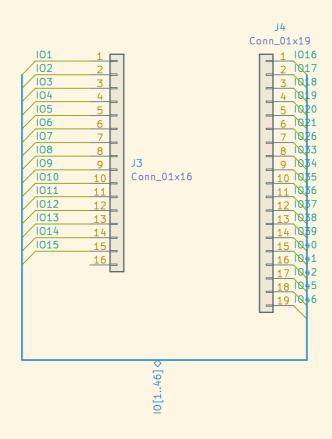


Battery Fuel Gauge + 3v3 I2C Translation





Routes all Feather—spec signals to their header locations. Serves as a place to pull—out whatever IO from the ESP32S2 IO Bus.



Contains the BOOT + RESET pushbuttons.
UARTO Breakout for serial programming.
BSS138 Auto-Program circuit for serial programming.
LEDs for serial lines?
Test points or whatever for the UART connection.
Resistor pull-ups for bootstrapping.

□TXD0
□RXD0
◇EN
◇I00