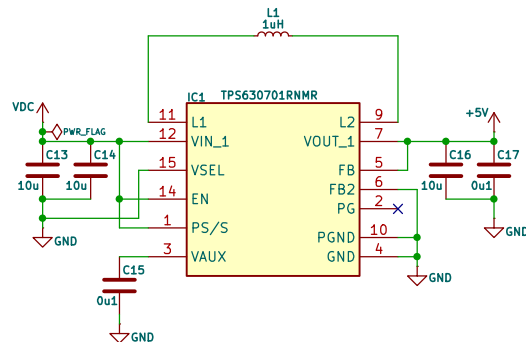
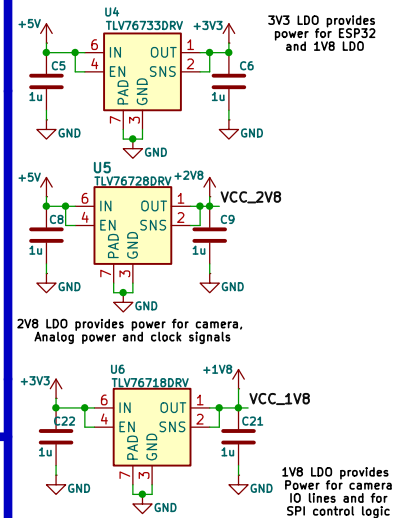


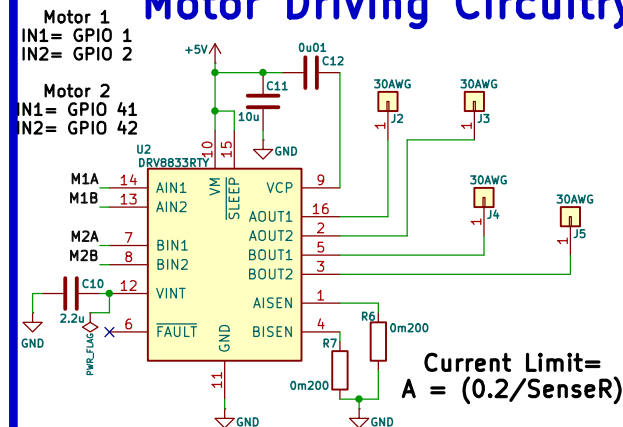
## 1S 5V Buck-Boost



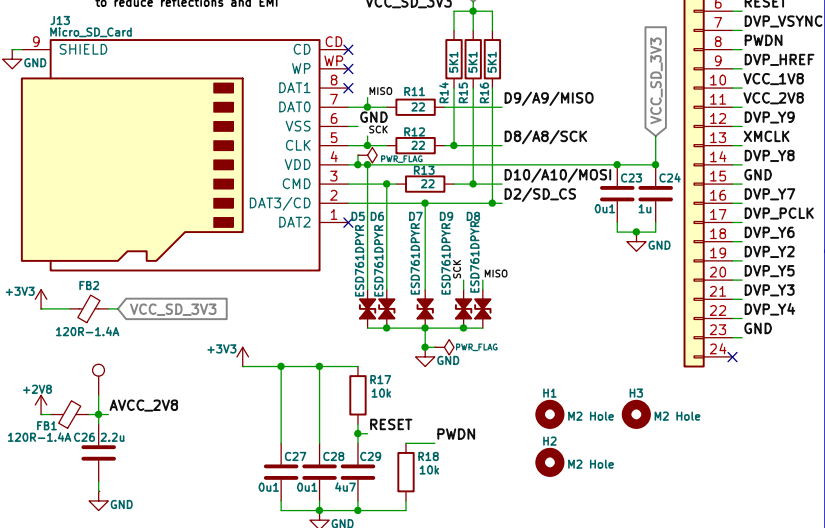
## 1V8, 2V8, 3V3 LDOs



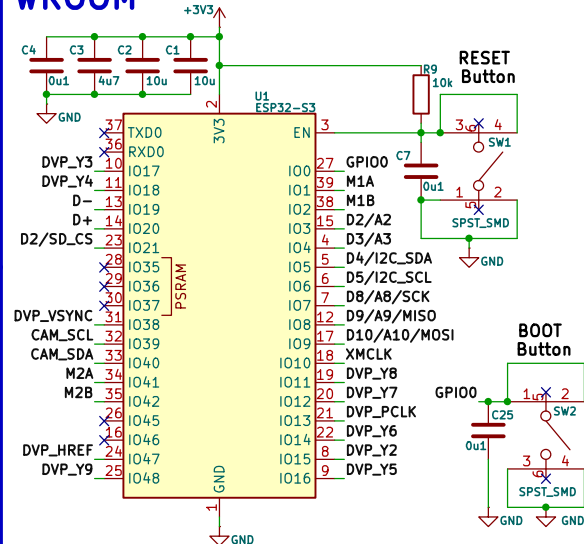
## Motor Driving Circuitry



Series termination resistors, place near driver (ESP32) to reduce reflections and EMI



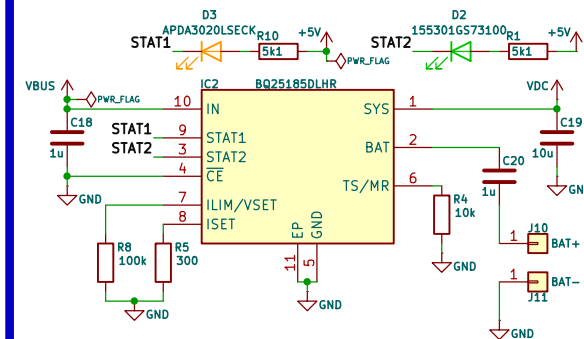
## ESP32 S3 WROOM



STAT 1= CHARGING LED  
STAT 2= DONE CHARGING

Charging current limit= (300/ Riset)

## 1S Battery Protection & Charging



## Add-on connectors For peripherals

