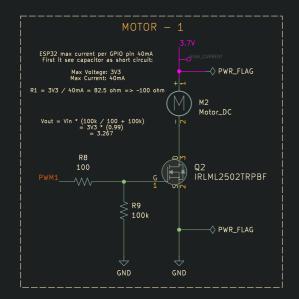
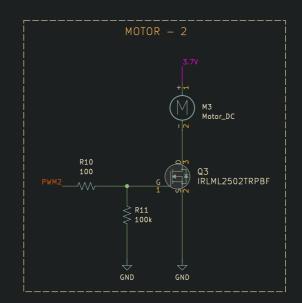
MOTOR DRIVERS

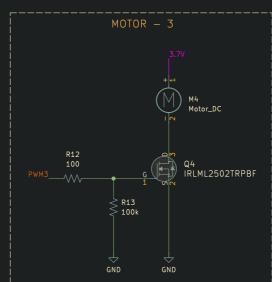
Rds(on) = 0.035 ohm @ 3V3- Id = 4A $P = i^2 * R$ = 4^2 * 0.035 = 0.56 W

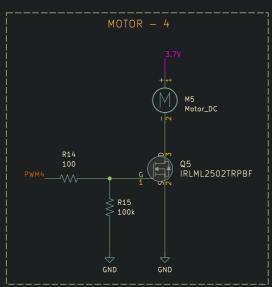
PD @Ta = 25°C => 1.25 W PD @Ta = 125°C => 0.8 W

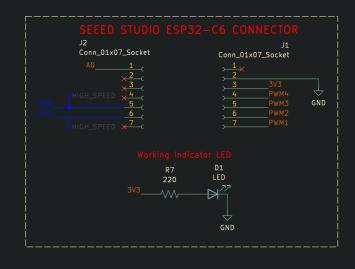
datasheet: https://pdf.direnc.net/upload/irlml2502gpbf-datasheet.pdf



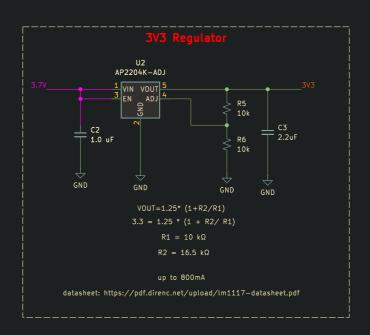


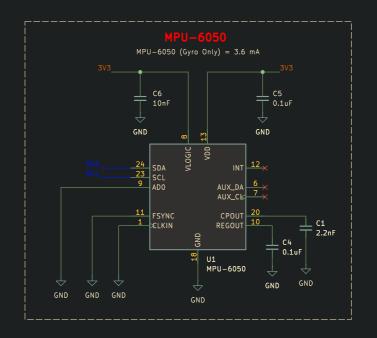


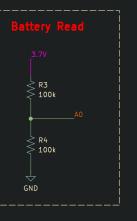












Emir Kılıçaslan				
Atik Electronic				
Sheet: /				
File: esp32_drone.kicad_sch				
Title: ESP32 Drone				
Size: A3	Date:			Rev:
KiCad E.D.A. 9.0.0		ld: 1/1		