

GPIO ESP32 WROOM-32E:

GPIO00 PROG-Boot

GPIO01 TX0, PROG

GPIO02

GPIO03 RX0, PROG

GPIO04 M2 PWM 3

GPIO05 SPI0 CS MPU9250

GPIO12

GPIO13 SPI0 CS BMP280

GPIO14 SPI0 CS

GPIO15

GPIO16

GPIO17

GPIO18 SPI0 CLK

GPIO19 SPI0 MISO

GPIO21 I2C0 SDA

GPIO22 I2C0_SCL

GPIO23 SPI0 MOSI

GPIO25 M1 PWM 2

GPIO26 M3 PWM 4

GPIO27 M0 PWM 1

GPIO32 RX1

GPIO33 TX1

GPIO34

GPIO35

GPIO36 ADC_VOLTAGE

GPIO39

Run ON

GPIO 0 HIGH

GPIO 5 HIGH

GPIO 12 LOW

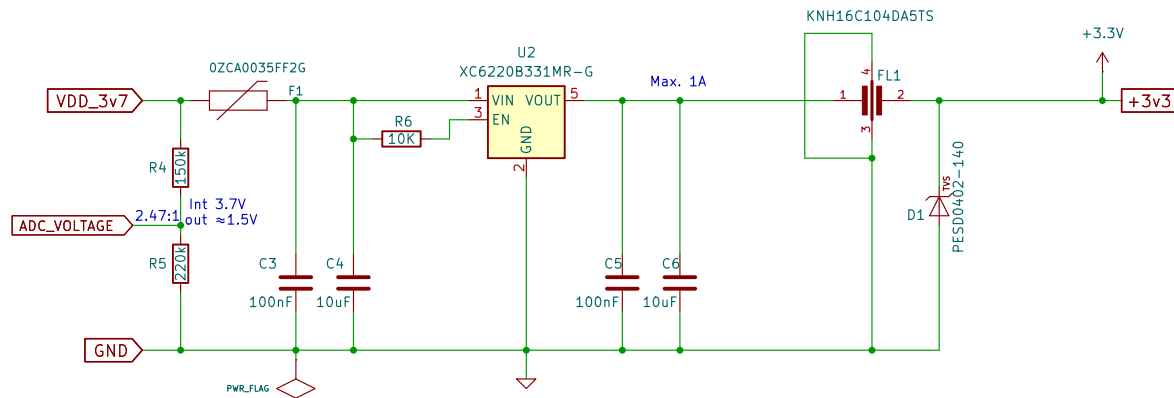
GPIO 15 HIGH

Boot

GPIO 0 LOW

GPIO 2 LOW

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File: nano_drone.kicad_sch		
Title:		
Size: A4	Date: 2025-03-13	Rev:
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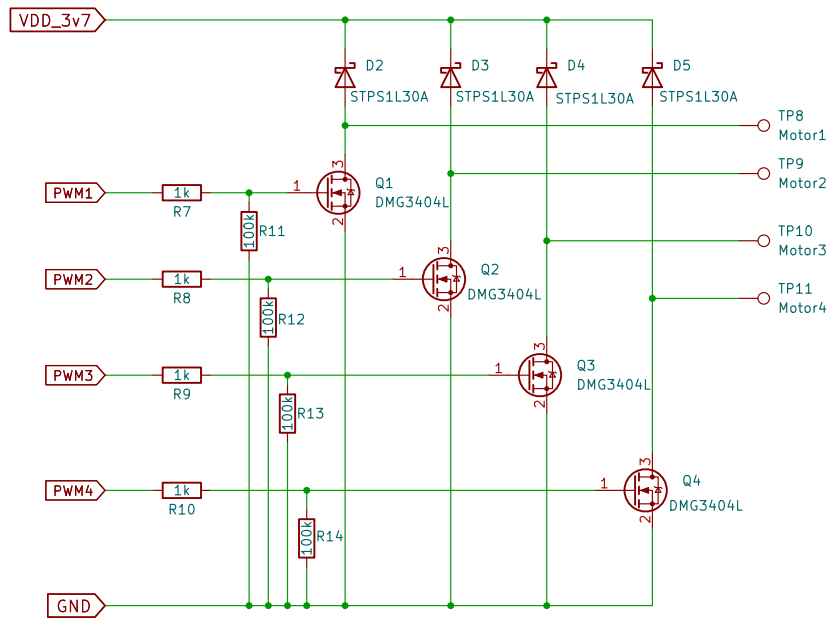
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