

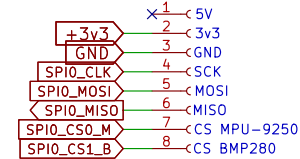
Power

Archivo: ../mini_dron/nano/cad/nano_drone/power.kicad_sch

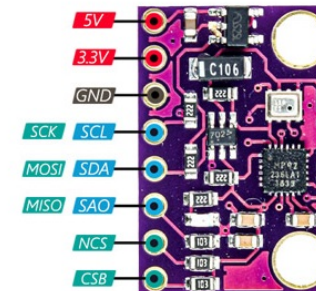
Motors

Archivo: ../mini_dron/nano/cad/nano_drone/motors.kicad_sch

Module GY-91 MPU9250 + BMP280



J1



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

Sheet: /
File: nano_drone.kicad_sch

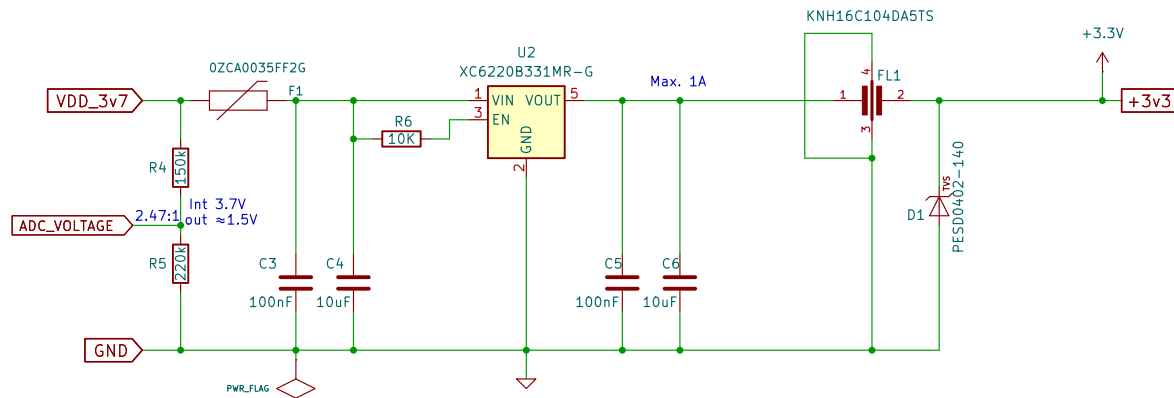
Title:

Size: A4 Date: 2024-12-22

KiCad E.D.A. 9.0.0

Rev:

Id: 1/3



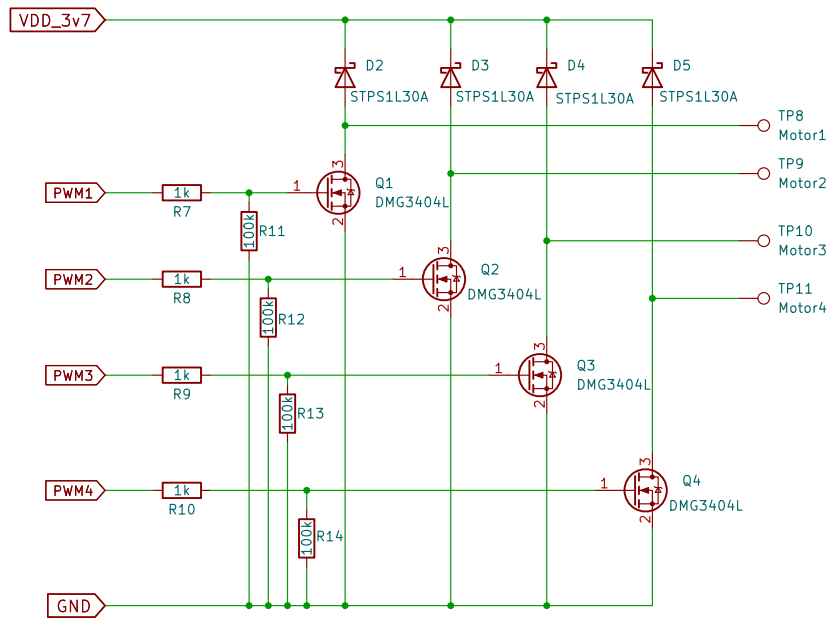
Sheet: /Power/
File: power.kicad_sch

Title:

Size: A4
KiCad E.D.A. 9.0.0

Date: 2024-12-22

Rev:
Id: 2/3



Sheet: /Motors/
File: motors.kicad_sch

Title:

Size: A4 Date: 2024-12-22

KiCad E.D.A. 9.0.0

Rev:
Id: 5/3