## Alimentación IMU Jumper Serial \_Jumper\_Serial U1 +3V3 +3٧3 MPU-5060 GND 2 ---MCU AMS1117-3.3 SCL GND SCL\_MPU6050 C1 + C5 C7 SDA 4 — • ESP32-DEVKIT-V1 ↓ SDA\_MPU6050 D23 16 X \_SCL\_MPU6050 10uF 100nF × 5 × 6 100nF 220uF D22 17 × 14 TXD 18 ADO D21 20 \_SDA\_MPU6050 S1\_MOTOR 10 D19 21 X S2\_MOTOR S3\_MOTOR D5 23 X D25 S4\_MOTOR TX2 24 X D26 CE\_NRF24L01 Salida al ESC IRQ\_NRF24L01 SCK\_NRF24L01 D4 26 MISO\_NRF24L01 D2 28 X MOSI\_NRF24L01 D15 27 CSN\_NRF24L01 D13 GND 29 Jumper\_Serial 3V3 30 × Radio Transceptor +5V GND GND GND **ESP32 DEV-KIT V1 - PINOUT DIAGRAM** CE\_NRF24L01 J2 ESC CSN\_NRF24L01 4 CSK S1\_MOTOR 5 SCK SCK\_NRF24L01 S2\_MOTOR MOSI\_NRF24L01 6 MOSI S3\_MOTOR U3 MISO\_NRF24L01 S4\_MOTOR 10 GPIO34 MISO Nrf24l01 10 IRQ\_NRF24L01 SHIELD DAC2 GPIO26 TOUCH7 GPIO27 GND TOUCH6 GPIO14 TOUCHS GPIO12 GPIO15 TOUCH3 2 VCC 4 CSN 6 MOSI 8 IRQ Science & Technology nuirementalb Agujeros de sujecion para Frame O H2 O H1 File: PCB-Controladora-Vuelo.kicad sch Title: Size: A4 Date: Rev: KiCad E.D.A. eeschema 7.0.1 ld: 1/1