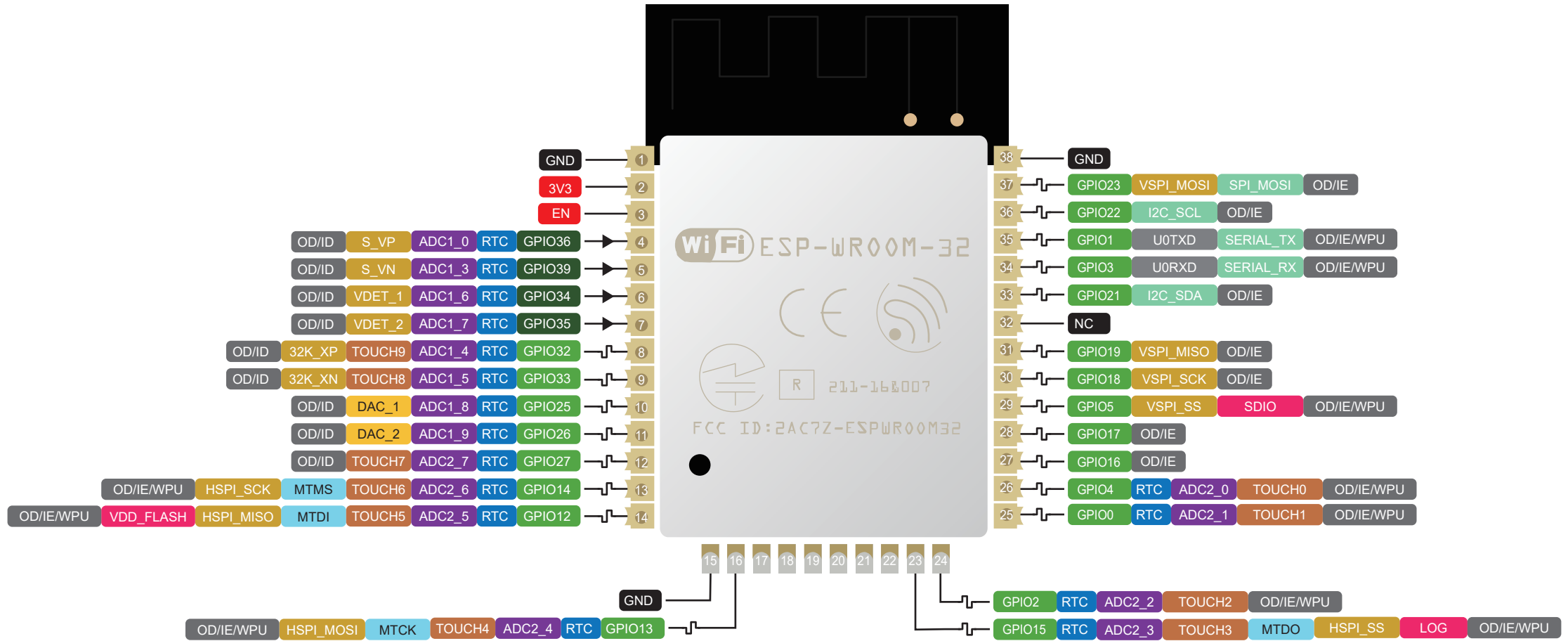


ESP32 WROOM



ESP32 WROOM Specs

32-bit Xtensa@ dual-core @240MHz
 Wi-Fi IEEE 802.11 b/q/n 2.4GHz
 Bluetooth 4.2 BR/EDR and BLE
 520 KB SRAM (16 KB for cache)
 448 KB ROM
 34 GPIOs, 4x SPI, 3x UART, 2x I2C,
 2x I2S, RMT, LED, PWM, 1 host SD/eMMC/SDIO
 1 slave SDIO/SPI, TWAI@, 12-bit ADC, Ethernet

- PWM Capable Pin
- GPIOX GPIO Input Only
- GPIOX GPIO Input and Output
- DAC_X Digital-to-Analog Converter
- DEBUG JTAG for Debugging
- FLASH External Flash Memory(SPI)
- ADCX_CH Analog-to-Digital Converter
- TOUCHX Touch Sensor Input Channel
- OTHER Other Related Functions
- SERIAL Serial for Debug/Programming
- ARDUINO Arduino Related Functions
- STRAP Strapping Pin Functions
- RTC RTC Power Domain(VDD3P3_RTC)
- GND GND
- PWD Power Rails (3V3 and 5V)
- GPIOSTATE
- WPU:** Weak Pull-up(Internal)
- WPD:** Weak Pull-down (Internal)
- PU:** Pull-up(External)
- IE:** Input Enable(After Reset)
- ID:** Input Disabled(After Reset)
- OE:** Output Enable(AfterReset)
- OD:** Output Disabled(After Reset)