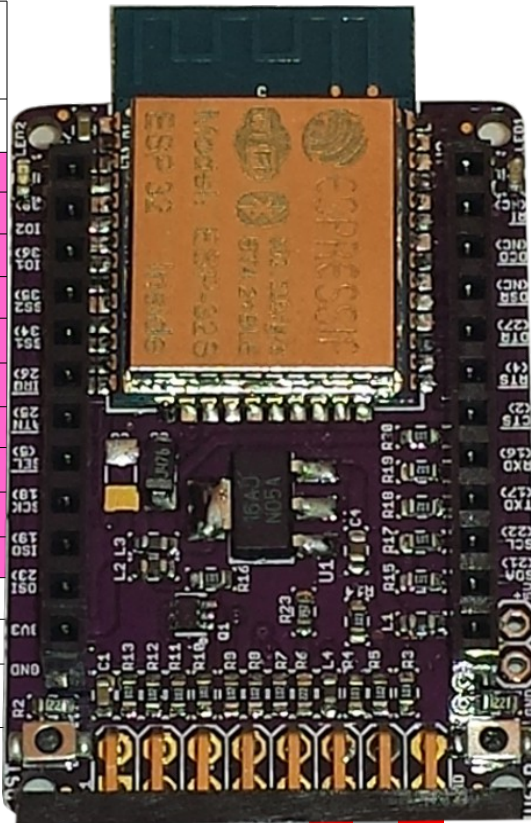


| DEFAULT | PORT | ADC | PWM |
|-------------|------|-----|-----|
| POWER LED | 3.3V | | |
| IO2 | IO39 | X | X |
| IO1 | IO36 | X | X |
| SS2 | IO36 | X | X |
| SS1 | IO34 | X | X |
| IRQ | IO26 | X | X |
| ATN | IO25 | X | X |
| SSEL | IO5 | X | X |
| SCK | IO18 | X | X |
| MISO | IO19 | X | X |
| MOSI | IO23 | X | X |
| 3.3 VOLTS | 3V3 | | |
| GROUND | GND | | |
| USER BUTTON | P3_4 | | |

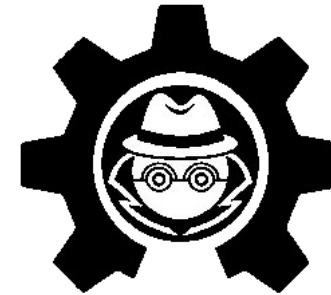


| | |
|------------|---------------|
| GND | GND |
| CTSI | SDA1 (IO15) |
| 5V0 | VCC |
| RXD1 (IO1) | SWDIO (IO14) |
| TXD1 (IO3) | SWDCLK (IO13) |
| DTR1 | RESET# |
| RTS1 | SCL1 (IO12) |
| DSR1 | DEBUG |

| DEFAULT | PORT | PWM |
|--------------|-------|-----|
| USER LED | IO5 | X |
| RI | NC | NC |
| DCD | NC | NC |
| DSR | NC | NC |
| DTR | IO27 | X |
| RTS | IO4 | X |
| CTS | IO2 | X |
| RXD | IO16 | X |
| TXD | IO17 | X |
| SCL | IO22 | X |
| SDA | IO121 | X |
| 5.0 VOLTS | 5V0 | |
| GND | GND | |
| RESET BUTTON | XRES | |

LEGEND

| |
|-------------------|
| POWER/GROUND PINS |
| DIGITAL PINS |
| ANALOG/ADC PINS |
| PWM PINS |
| TOUCH PINS |
| UART PINS |
| JTAG/DEBUG PINS |
| I2C BUS PINS |
| SPI BUS PINS |



ESP32 Wi-Fi/BT Radio

<http://github.com/thingSoC>