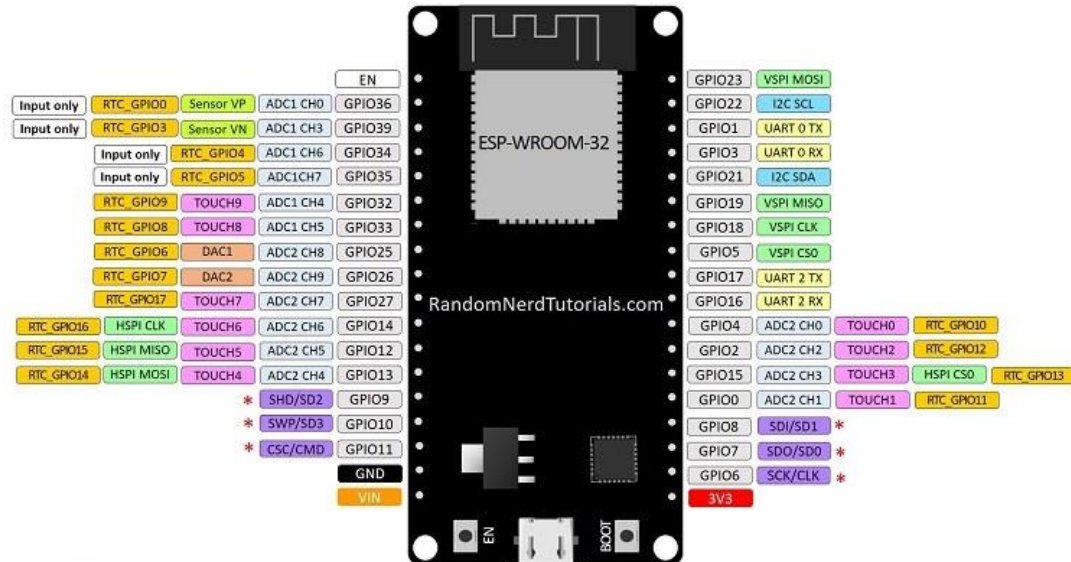


## Linh kiện

### 1. ESP 32

#### ESP32 DEVKIT V1 – DOIT version with 36 GPIOs



\* Pins SCK/CLK, SDO/SD0, SDI/SD1, SHD/SD2, SWP/SD3 and CSC/CMD, namely, GPIO6 to GPIO11 are connected to the integrated SPI flash integrated on ESP-WROOM-32 and are not recommended for other uses.

### 2. Sevor

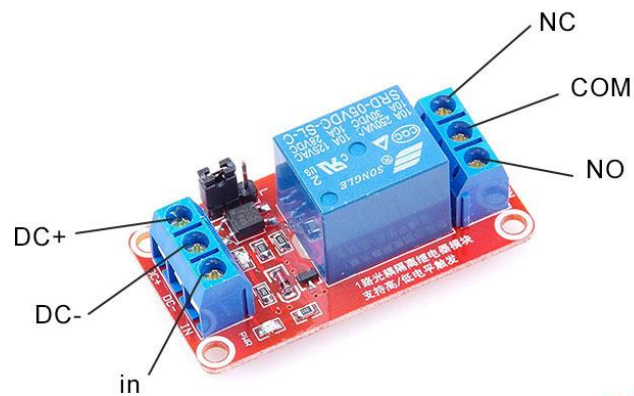


### 3. Cảm biến khí Gas MQ2

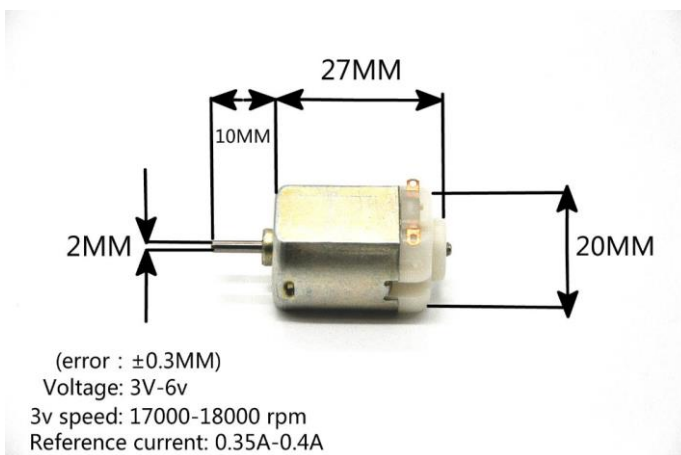
MQ-2



### 4. Relay 5V



### 5. Motor và cánh quạt



## 6. Led và buzzer



## 7. Mạch sạc/xả pin 18650 boost 5v và pin 18650

