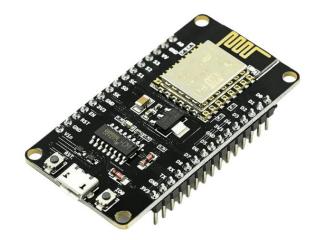
ESP8266

Universidade Federal do Pará Instituto de Ciências Exatas e Naturais Faculdade de Computação

Módulos

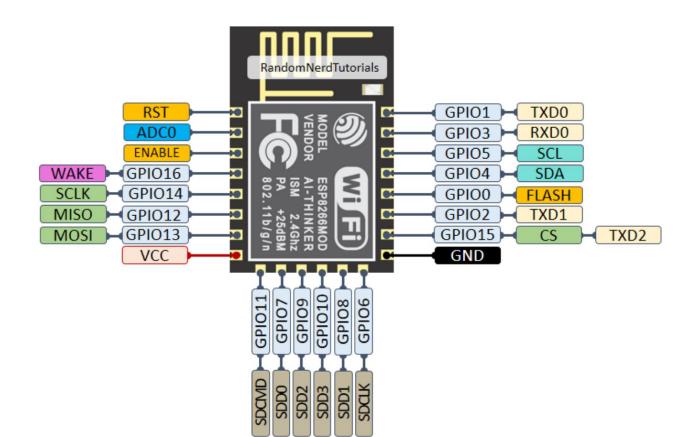




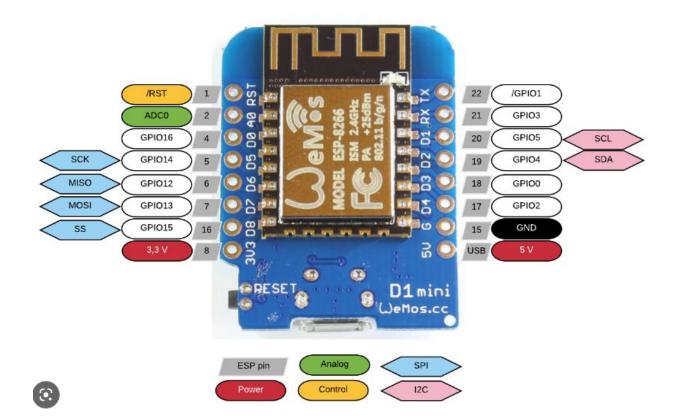




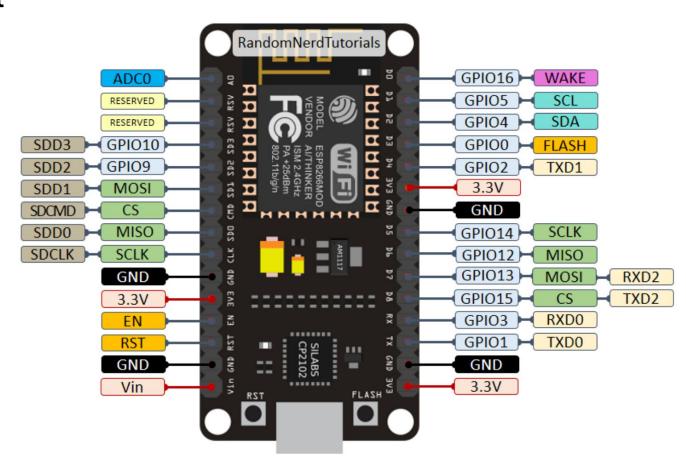
Pinout



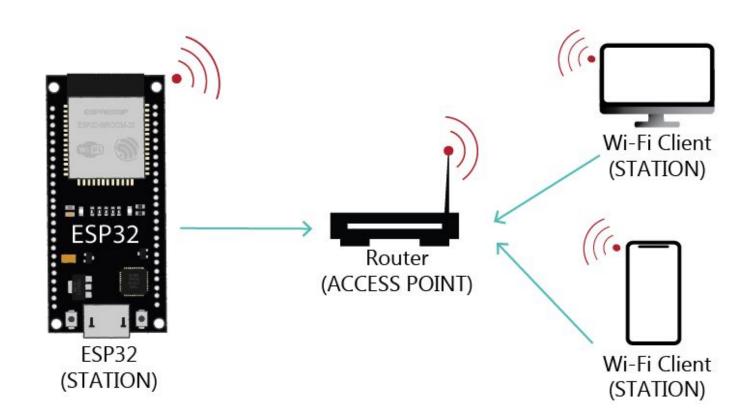
Pinout



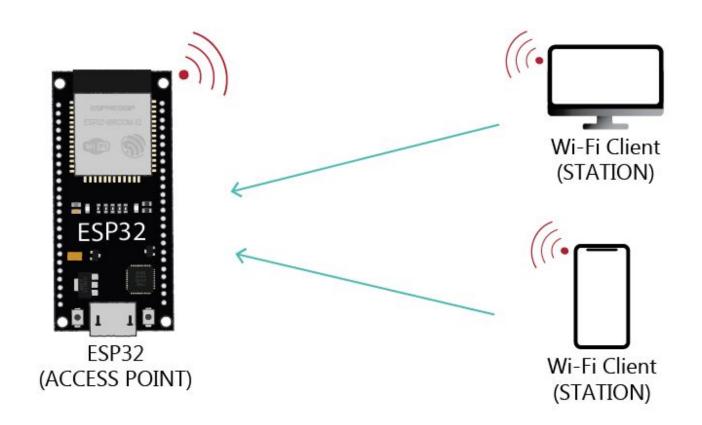
Pinout



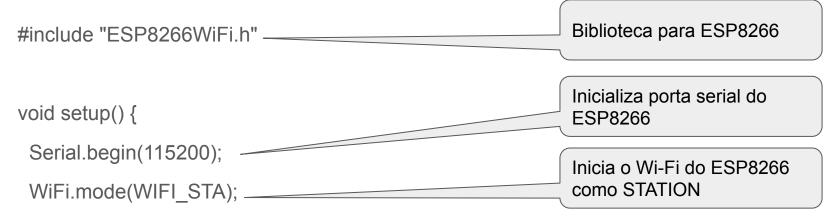
Wi-Fi Station



Access Point



ESP8266 - Scan Wi-Fi



vvii i.discorinect(),
delay(100);
Serial.println("Setup done");
l

MiEi disconnoct():

Modo	Descrição
WiFi.mode(WIFI_STA)	station mode: the ESP32 connects to an access point
WiFi.mode(WIFI_AP)	access point mode: stations can connect to the ESP32
WiFi.mode(WIFI_AP_STA	access point and a station connected to another access point

ESP8266 - Scan Wi-Fi

```
void loop() {
 Serial.println("scan start");
 int n = WiFi.scanNetworks();
 Serial.println("scan done");
 if (n == 0)
  Serial.println("no networks found");
 else {
  Serial.print(n);
  Serial.println(" networks found");
```

```
for (int i = 0; i < n; ++i) {
   Serial print(i + 1);
   Serial.print(": ");
    Serial.print(WiFi.SSID(i));
   Serial.print(" (");
    Serial.print(WiFi.RSSI(i));
    Serial print(")");
   Serial.println((WiFi.encryptionType(i) ==
ENC TYPE NONE)?" ":"*");
   delay(10);
 Serial.println("");
 delay(5000);
```

Dever de casa

Criar um servidor Web no ESP8266 que ligue e desligue o LED que está no módulo.

Referências

- https://randomnerdtutorials.com/esp8266-web-server/
- https://tttapa.github.io/ESP8266/Chap10%20-%20Simple%20Web%20Server.
 html
- https://www.crescerengenharia.com/post/tudo-sobre-esp8266-e-html
- https://lastminuteengineers.com/creating-esp8266-web-server-arduino-ide/