NodeMCU Lua WiFi developemnt board ESP8266 serial WiFi module ESP-12F IoT
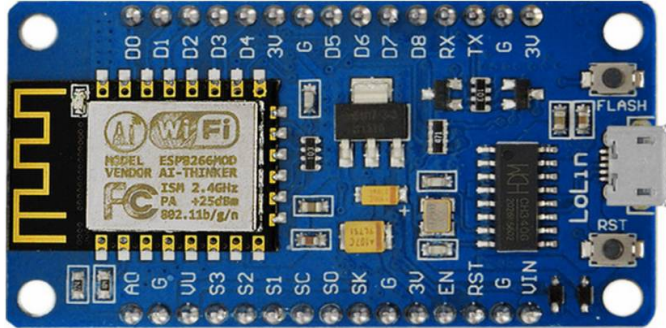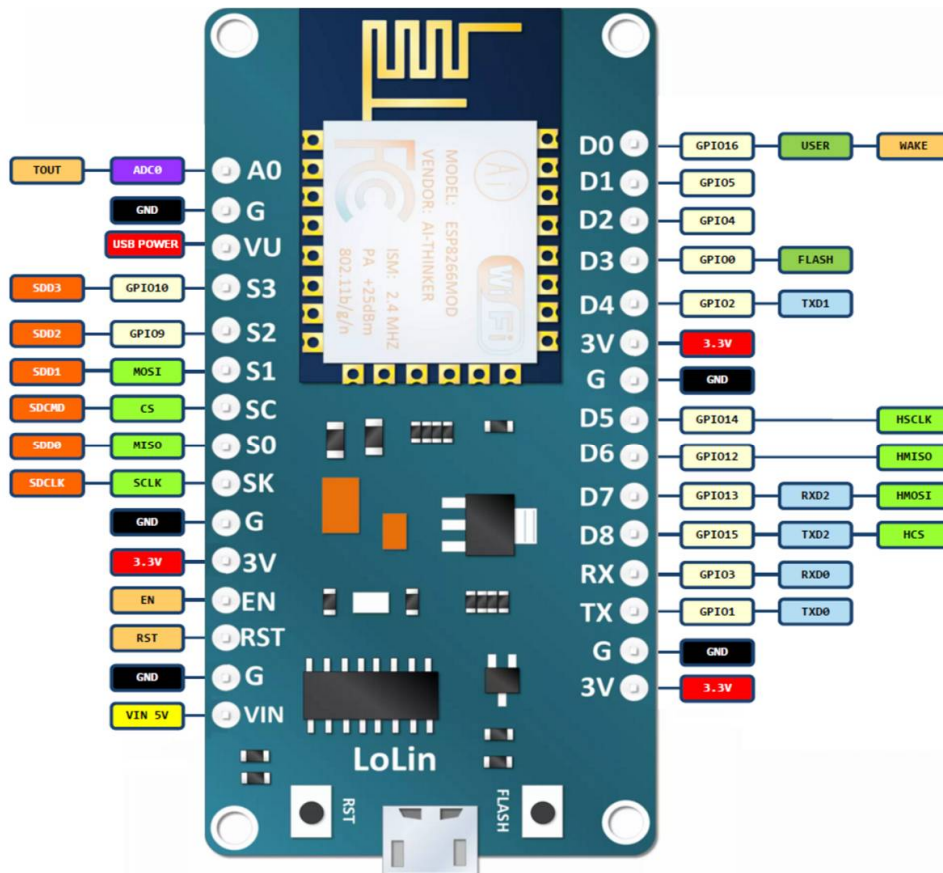
Module: MB0084

Features:

1. Adopts industrial chip esp8266, esp-12f module with metal shielding Case, strong Anti-slip potential;

2. Used as an independent commission for the development of esp8266, uploading an official to the team Firmware, open source nodemcu, etc .;

3. Can also be used as an independent development board for Arduino, use the same as Arduino Development Board.

Specification:

1. Supports wireless 802.11 B / G / N standard;

2. Supports two modes of operation sta / AP;

3. Built-in tcp / ip stack, can configure one socket;

4. Supports the TCP / UDP server and client standard;

5. The serial port's serial port transmission speed can be: 1200/2400/4800/9600/19200/38400/57600/74800 / 115,200 bps;

6. Serial port data: 5/6/7/8 bit;

7. Serial port-even check: no;

8. Serial port of the stop bit: 1/2 bit;

9. 1 Reset button;

10. The key button also has a configuration function;

11. Wi-Fi Operating current: Continuous transmission: ≈70ma (200mA max), stand from Mode: <200uA;

12 Operating voltage: DC 3.3V

13. Wireless transmission speed: 110-460800bps;

14. Operating temperature: -40 ° C ~ + 125 ° C

15 Board size: 59 x 31mm

For instructions on setup and how to use see:

https://www.instructables.com/id/Programming-ESP8266-ESP-12E-NodeMCU-Using-Arduino-/

Library at: **https://github.com/esp8266/Arduino**