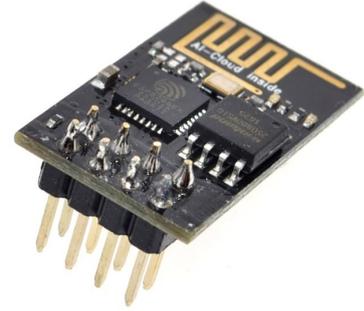


IoT WIFI module ESP-01 with ESP8266

Reference: AM7037

EAN13: -

HS code: 85412900



Product attributes:

Product features:

Voltage: 3.3 V DC

Waterproof grade: IP20

Product description:

The ESP8266 chip module is a highly integrated chip designed to meet the needs of the new connected world. It offers a complete and comprehensive Wi-Fi networking solution, allowing you to either host an application or take advantage of all the networking features from another wireless implementation.

The ESP8266 chip used has an integrated microcontroller that you may/may not use. If you use it, you don't need to connect the arduino at all. This board has 2 IO ports and a UART (RXD TXD).

If you connect a digital thermometer/humidistat to this module, set up WIFI as a DHCP client and view the temperature on your mobile, computer or anywhere on the internet!

Specifications:

SDIO 2.0, SPI, UART

32-pin QFN housing

Extremely small PCB size

There is an integrated antenna on the PCB

Integrated RF switch, balun, 24dBm PA, DCXO, and PMU

Integrated RISC processor, on-chip memory, and external memory interface

The module includes a program to communicate over the serial link using simple AT commands.?

QOS management

I2S interface

Integrated WEP, TKIP, AES, and WAPI encryption and security

Supports APSD for VoIP applications

No external RF components

Network:

802.11 b/g/n

Wi-Fi Direct (P2P), soft-AP

Integrated TCP/IP stack

Integrated TR switch, balun, LNA

Integrated PLLs, controllers, DCXOs, and power management units

19.5dBm output power in 802.11b mode

Integrated 32-bit CPU can be used as application processor

SDIO 1.1/2.0, SPI, UART

STBC, 1x1 MIMO, 2x1 MIMO

A-MPDU

