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INDUSTRIAL PRODUCT DATASHEET

ESP8266 based WiFi module FCC&CE

ESP8266 based WiFi module FCC&CE is an ultra-low-power UART-WiFi module with integrated TCP/IP and 32-bit MCU, supporting Smart Link, OTA, and multiple work modes for IoT applications.

SKU	UPDATED	PRICE
317060011	2024-08-09 02:02:22	$7.50(Excl. VAT)



Overview



The ESP8266 based WiFi module FCC&CE is an ultra-low power UART-WiFi module designed for mobile devices and IoT, supporting 802.11 b/g/n, STA/AP/STA+AP modes, and built-in TCP/IP protocol stack. It features a 32-bit MCU, UART/GPIO interface, Smart Link, OTA firmware update, and operates on a single 3.3V power supply.

Key Features

Description
Please consider **ESP8266 based WiFi module FCC/CE - SPI supported** as alternative product

ESP8266 is a ultra-low power UART-WiFi module. It has excellent dimensions and ULP technology compared to other similar modules. The module is special design for monile devices and Internet of Things (IoT). When devices connect to WiFi with ESP8266 module, it can process LAN communication.

ESP8266 shows in three options: onboard PCB antenna, IPEX connectors, half hole.

Esp8266 can be applied to Smart Grid, Intelligent Transportation System, Smart Home, handset and industrial control system etc.

Features:

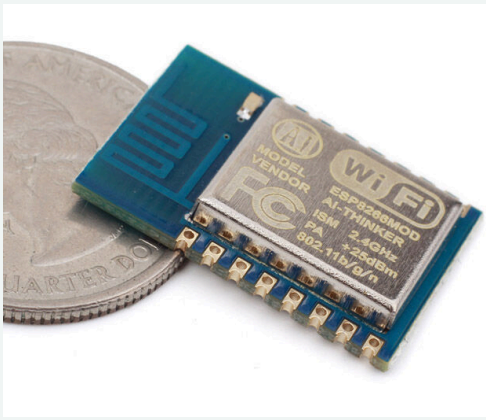
support wireless 802.11 b/g/n standard
support the STA/AP/STA + AP three work modes
built-in TCP/IP protocol stack, and support multiple TCP Client connection
support rich Socket the AT command
support UART/GPIO data communication interface
support Smart Link intelligent networking
support remote firmware update (OTA)
built-in 32-bit MCU and can be applied as processor
low power consumption, suitable for battery-powered applications
single 3.3 V power supply
Specification:

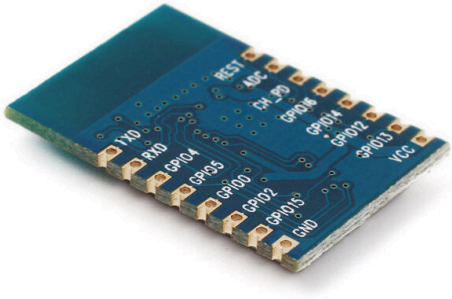
Resource:

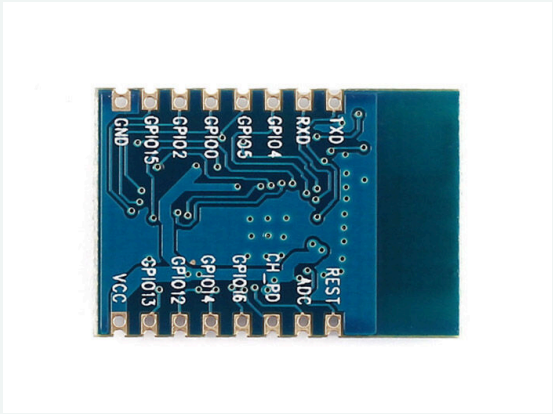
ESP8266 Community Forum

Technical Details
Technical details

Product Gallery







Compliance & Logistics

HSCODE	8517703000
ROHS	1

Resource Links

- https://www.seeedstudio.com/ESP8266-based-WiFi-module-FCC-CE-p-2312.html

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com