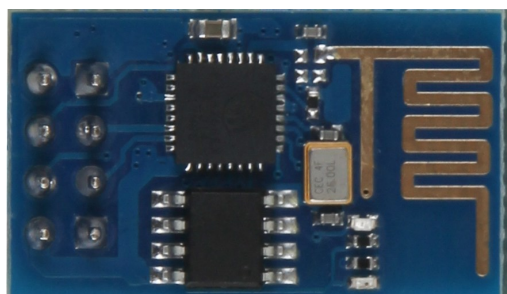


# ESP8266



The ESP8266 based WiFi module is compatible with any open source platform, such as Raspberry, Arduino, BananaPI and Cubieboard and comes with a variety of useful features.

- Programmable WiFi-Microcontroller (DTIM3)
- Communication and programming via UART and SPI-Interface
- 32-Bit Xtensa LX106 Processor-Core
- Integrated WiFi: IEEE802.11b/g/n
- Wi-Fi Direct (P2P), soft-AP
- Integrated TCP/IP Protocol Stack
- Shutdown Leakage Current < 10µA
- Standby power consumption < 1.0mW
- Wake-Up-Time to the first send data-package < 2ms
- Max. range: 100m-250m
- Integrated PCB WiFi-Antenna
- Up to +19.5m dBm radio-power-output in 802.11b Mode

## Technical Specifications

<b>Model</b>	ESP8266
<b>Article No.</b>	SBC-ESP8266
<b>Compatible To</b>	Raspberry Pi®, Raspberry Pi® 2 B, Raspberry Pi® 3 B, Raspberry Pi® A+ Raspberry Pi® B+, Raspberry Pi® A, B Arduino, Banana Pi, Cubieboard
<b>Dimensions (W x H x D)</b>	12 x 15 x 25 mm
<b>Scope of Delivery</b>	ESP8266
<b>EAN</b>	4250236813110