

## Wi-Fi Module

### Wi-Fi Module(Atheros QCA4004)

#### W211B

W211B is a single chip low power consumption wireless module. It supports IEEE 802.11b/g/n standard, integrated with IPV4/IPV6 TCP/IP, HTTP, DNS, FTP protocols.

#### Features

- Support IEEE 802.11 b/g/n Standard
- Built in IPEX compatible antenna and external antenna connector
- Frequency range: 2.40GHz – 2.4835GHz
- One Transmit and one Receive path (1T1R)
- Support: 11b: DBPSK, DQPSK, CCK, DSSS  
11g: BPSK, QPSK, 16QAM, OFDM  
11n: MCS0–MSC7 OFDM
- Encryption: WPS, WPA, WPA2, WAPI, WEP, TKIP
- Support IPV4/IPV6 and TCP/IP protocols
- Support HTTP, DNS, FTP....etc.
- Interfaces:UART, GPIO
- Operating Voltage: DC 3.3V
- RoHS Compliant
- Dimension: 31 mm x 20 mm x 1mm

#### Outline



#### Applications

- IOT Smart Control