

Wi-Fi Module

Wi-Fi Internet-of-Things Module(TI CC3200)

WFM-320B

This is a single chip wireless Internet-of-Things modules integrates Application Microcontroller, Wi-Fi Network Processor and Power-Management Subsystems. The advance TI CC3200 chipset allows multiple applications such as cloud connectivity, home automation, security systems, wireless audio....etc.

Features

- Support IEEE 802.11 b/g/n Standard
- One Transmit and one Receive path (1T1R)
- Frequency range: 2.412GHz – 2.484GHz
- ARM® Cortex®-M4 Core at 80 MHz
- CPU clock: 80MHz
- Memory capacity: 64kB of Flash
256kB of SRAM
- Flash size: 8MB SPI Flash
- Operating Voltage: DC 3.3V
- Other interface: USB, UART, JTAG, I2S, I2C
- RoHS Compliant
- Dimension: 20.5 mm x 17.5 mm x 0.8 mm

Outline



Applications

- Cloud Connectivity
- Home Automation
- Home Appliances
- Access Control
- Security Systems
- Smart Energy
- Internet Gateway
- Industrial Control
- Smart Plug and Metering
- Wireless Audio
- IP Network Sensor Nodes