

Operational description

Working principles:

The USR3207TS(U4) is a complete and self-contained WiFi network solution that can operate independently or as a slave running on other host MCU. The USR3207TS(U4) is capable of booting directly from an external flash memory when it is powered by an application and is the only application processor in the device. The built-in cache helps improve system performance and reduce memory requirements.

In another case, the USR3207TS(U4) is responsible for wireless Internet access. When it comes to the task of the WiFi adapter, it can be added to any micro controller-based design. The connection is simple and easy, just by SPI / SDIO interface or I2C / UART port.

Operation frequency :802.11b/g/n(HT20): 2412MHz~2462MHz

80211n(HT40): 2422MHz~2452MHz

Channel number: 802.11b/g/n(HT20):11 channels

80211n(HT40): 7 channels

Antenna gain : 2.5dBi

Robotic Vacuum Cleaner,PCB Antenna

Crystal frequency:8MHz RF modular number: WR3(U11)