

Module 802.11b/g 2.48GHz 11000Kbps 20-Pin Bag

Manufacturer: [Microchip Technology, Inc](#)

Package/Case: MODULE-20

Product Type: RF Integrated Circuits

RoHS: RoHS Compliant/Lead free 

Lifecycle: NRND



Images are for reference only

[Inquiry](#)

General Description

Important Note: Firmware version 4.81 is the latest production firmware version available for the RN171. To receive the latest firmware version 4.81, please order part number RN171-I/RM481. For more information about firmware version 4.81, please see the Release Notes.

Firmware version 4.83 provides fixes for the Key Reinstallation attack or 'Krack' vulnerability. The Firmware and Release notes are available under the Documentation tab. The RN171 is a small form factor, ultra-low power embedded TCP/IP module measuring only 27 x 18 x 3.1 mm. The RN171, like the RN131, is a full-featured 802.11 b/g surface mount module. Due to its small form factor and extremely low power consumption, it is perfect for mobile wireless applications such as asset monitoring, sensors, and portable battery operated devices. For quickly and easily evaluating the RN171 module, Microchip offers the RN-171-EK, a compact, battery and USB-powered kit with push buttons for SoftAP and WPS mode. For the latest firmware details and corresponding part numbers, please visit: www.microchip.com/wireless

Please consider this device ATWINC1500

Key Features

Ultra-low power for battery powered applications

Firmware configurable transmit power: 0dBm to +12dBm

Hardware interfaces: UART and SPI Slave

Supports SoftAP and infrastructure networking modes

RF pad for external antenna

User programmable GPIO & ADCs

Real-time clock for time-stamping, auto-sleep, and auto-wakeup modes

Run directly from batteries or regulated power supplies

Configuration over serial or wireless interface using simple ASCII commands

Over the air firmware upgrade

Secure Wi-Fi authentication schemes (WEP/WPA/WPA2)

Full onboard TCP/IP stack (no external drivers required)

Recommended For You

RN171-I/RM

Microchip Technology, Inc
MODULE

RN42-I/RM630

Microchip Technology, Inc
MODULE-35

RN42XVP-I/RM

Microchip Technology, Inc
MODULE-20

RN4870-V/RM118

Microchip Technology, Inc
MODULE-33

RN42N-I/RM

Microchip Technology, Inc
MODULE

RN42-I/RM

Microchip Technology, Inc
35-SMD

RN131C/RM

Microchip Technology, Inc
Module

RN4020-V/RM120

Microchip Technology, Inc
MODULE

RN2483A-I/RM105

Microchip Technology, Inc
MODULE

RN4871U-V/RM118

Microchip Technology, Inc
MODULE-17

RN1723-I/RM100

Microchip Technology, Inc
Module

RN4870-I/RM130

Microchip Technology, Inc
MODULE

RN42HID-I/RM

Microchip Technology, Inc
MODULE-35

RN52-I/RM116

Microchip Technology, Inc
Module

RN42SM-I/RM

Microchip Technology, Inc
MODULE-35