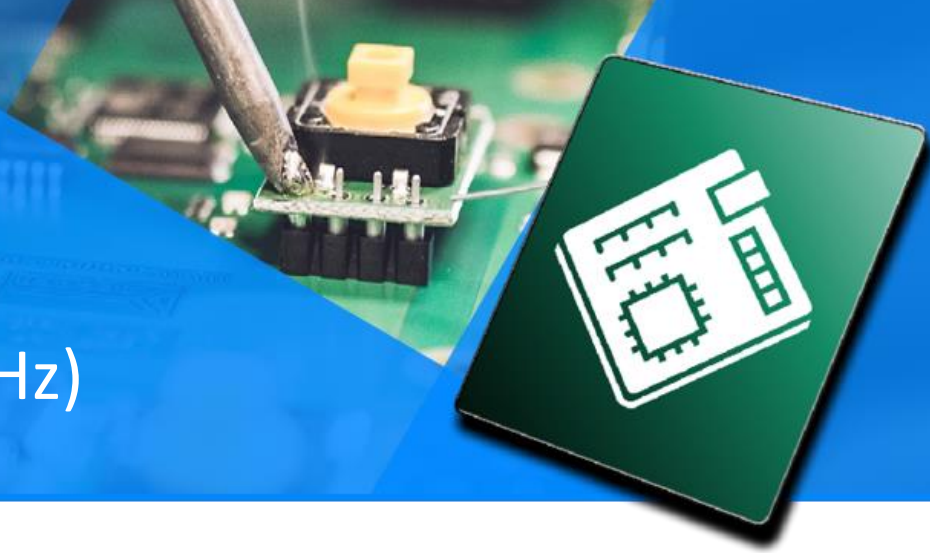


# WiFi Module for emPower board Redpine Signals RS9113 (2.4 + 5 GHz)



## Overview

emPower emNet WiFi add-ons allow you to easily evaluate multiple WiFi solutions by simply exchanging one piece of hardware and some lines of code.

The code to exchange usually includes one emNet configuration file (basically only two lines of code need to be changed to select another driver) and porting of the host interface (typically SPI send/receive) routines.

Porting to your own customized hardware can be done easily as well by adopting these porting layers to your requirements based on the existing emPower samples.

## Description

The Redpine Signals RS9113 is a controller supporting IEEE 802.11b/g/n WiFi networks in a 2.4GHz band. Support for the 5GHz band is a build option for the module. Modules that support the 5GHz band offer offer 802.11n at 2.4GHz/5GHz and 802.11a at 5GHz. Connect-io-n RS9113 and WiSeConnect RS9113 as well as modules compatible to these product families are supported.

The WiFi firmware comes pre-loaded in the module keeping it away from the host MCU firmware. The WiFi module can be updated manually.

## Host Interface

- SPI
- UART
- SDIO
- USB

## Key features

- Adds support for Redpine Signals RS9113 to emPower
- 2.4 + 5 GHz

## Package content



Redpine Signals RS9113

## Order number

6.37.03.01