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MiWi™ Protocol to Wi-Fi® Wireless Demo Kit Information Sheet

Overview

The MiWi™ Protocol to Wi-Fi® Wireless Demo kit allows developers to evaluate and experiment with MiWi protocol to Wi-Fi gateway solutions. The kit includes a Wireless Evaluation Board with both the MiWi protocol and Wi-Fi transceivers. The kit also includes two MiWi Demo Boards to create a three node MiWi protocol network. The Wireless Evaluation Board can be connected to a client device, such as a laptop or a mobile phone, using the Wi-Fi network. Based on the application running on the MiWi protocol nodes, the information exchanged can be displayed on the client device.

MiWi Protocol to Wi-Fi Wireless Demo Kit Contents

MiWi Protocol to Wi-Fi Wireless Demo kit contents:

- One Wireless Evaluation Board with a 2.4 GHz MRF24J40MA and a 2.4 GHz MRF24WG0MA Transceiver
- Two MiWi Demo Boards with a 2.4 GHz MRF24J40MA Transceiver
- 6-pin ICSP™ header
- USB mini-B cable for power supply
- Four AAA batteries

Getting Started

The MiWi Protocol to Wi-Fi Wireless Demo kit is preprogrammed with a MiWi protocol to Wi-Fi Gateway demo application. This demo application enables the user to commission the MiWi protocol node to a specific network, and then control the LCD backlight of the MiWi protocol nodes from the web browser of a mobile device or a PC. For more information on how to run the demo, refer to the **Chapter 3. "Getting Started"** in the **"MiWi Protocol to Wi-Fi Wireless Demo Kit User's Guide"**.

Software

Firmware updates for the Wireless Evaluation Board and the MiWi Demo Board can be downloaded from the Microchip web site at: www.microchip.com/wireless.