

MiWi Demo Kit - 2.4 GHz MRF24J40

Part Number: DM182016-1

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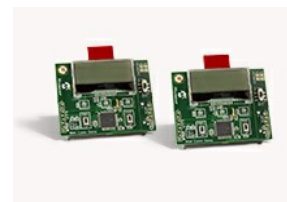


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The MiWi Demo Kit – 2.4 GHz MRF24J40 is an easy-to-use evaluation and development platform for IEEE 802.15.4 application designers. Developers can develop/debug and demo application code all on the same platform.

The kit includes all hardware needed to rapidly prototype wireless applications, and is pre-programmed with the MiWi™ Mesh protocol stack. Complete demo instructions are available in the user's guide. To learn more about the MiWi wireless protocol, please visit www.microchip.com/MiWi.

Note: This kit is not intended for ZigBee® development. For ZigBee development, please visit www.microchip.com/zigbee



Features

Package Contents

- Each board is a complete MiWi Mesh Coordinator or Sensor Node
- Onboard PIC18F46J50 8-bit XLP Microcontroller
- Onboard MRF24J40MA transceiver (FCC/IC/ETSI certified)
- 2 X 16 LCD display to develop interactive wireless demos
- 2K SPI EEPROM for unique MAC Address storage
- 1 Mbit SPI Serial Flash for data logging or Over-the-Air firmware updates
- MCP9700 temperature sensor
- Three status indicator LEDs (red, yellow and green)
- Two push-button switches for user input
- ICSP (In Circuit Serial Programmer) Interface
- Powered by two AAA batteries

Documentation & Software

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Documents	Last Updated	Size	
MiWi Demo Kit User's Guide	9/27/2012 10:35:03 PM	592KB	
MiWi Demo Kit Information Sheet	9/12/2012 10:08:44 PM	23KB	

