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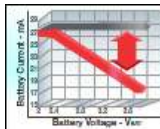
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Digi XBee Wi-Fi Embedded RF Module

Posted by Ken Cheung on [Boards, Busses, Wireless](#) on Friday, July 29, 2011

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Digi International announced their XBee Wi-Fi embedded RF module. The XBee Wi-Fi delivers serial to IEEE 802.11 connectivity. With the new Digi module, engineers can create a single board design for wireless products that supports 802.15.4, ZigBee, ZigBee Smart Energy, 2.4 GHz, 900 and 868 MHz, Wi-Fi and proprietary DigiMesh protocols. It is ideal for energy management, process and factory automation, wireless sensor networks, and intelligent asset management. XBee Wi-Fi development kits are available now for \$149.

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XBee Wi-Fi Embedded RF Module

- Common XBee footprint
- Offers simple serial to IEEE 802.11 connectivity
- Developers can add Wi-Fi to products by connecting to the XBee Wi-Fi's serial port
- Supports 802.15.4, ZigBee, ZigBee Smart Energy, 2.4 GHz, 900 and 868 MHz, Wi-Fi and proprietary DigiMesh protocols
- Flexible SPI and UART serial interfaces
- Includes 802.11 b/g/n physical layer, baseband MAC and TCP/IP stack
- RPSMA, PCB, U.FL and wired whip antenna options
- Support for low power sleeping applications with < 2 μ A power-down current
- 802.11n provides up to 65 Mbps data rate
- Gives developers IP-to-the-device flexibility
- Modular certification for the U.S., E.U., Canada and a number of other countries
- Ideal for energy management, process and factory automation, wireless sensor networks, intelligent asset management

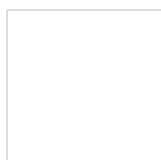
More info: [Digi International](#)

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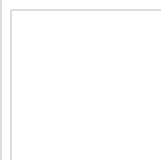
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