

2.4 GHz IEEE 802.15.4 RF Transceiver Module Is FCC-Certified



Microchip Technology announced the MRF24J40MA FCC-certified Radio-Frequency (RF) transceiver module which services the 2.4 GHz unlicensed Industrial, Scientific and Medical (ISM) short-range wireless frequency band for the IEEE 802.15.4/ZigBee specification or proprietary wireless-protocol systems. It includes discrete biasing components and an integrated PCB antenna to be used in sensory and control networks. The module is fully regulatory-agency certified for the US (FCC), Canada (IC) and Europe (ETSI), and it is expected to eliminate designers' need to receive FCC certification for their wireless products. The MRF24J40MA transceiver module is surface mountable and can be used with a host of 8-bit, 16-bit, or 32-bit PIC microcontrollers (MCUs). The module is supported by the company's PICDEM Z Demo Kit, the ZENA Wireless Network Analyzer and their ZigBee, MiWi and MiWi P2P (Peer-to-Peer) software-protocol stacks. The MRF24J40MA module is expected to be available at a price of \$8.99 in 1,000-unit quantities.

Microchip Technology
888-628-6247, www.microchip.com [1]

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