

# Sub-GHz Transceiver Radio Provides Easy Integration with PIC® Microcontrollers

Microchip Technology Inc. has expanded its RF Products Division wireless portfolio with the new MRF49XA Sub-GHz transceiver radio. The MRF49XA covers the 434/868/915 MHz unlicensed Industrial, Scientific and Medical (ISM) Radio Frequency (RF) band, which is ideal for low data-rate, low-power embedded wireless applications. By retaining compatibility with its existing suite of development tools, Microchip makes it easy to integrate this new Sub-GHz transceiver with any 8-, 16- or 32-bit PIC® microcontroller, enabling cost-effective designs for a wide range of bi-directional, short-range wireless applications, such as remote controls, remote meter reading and home security/alarms. The MRF49XA transceiver radio is available on a PICtail™/PICtail Plus daughter board for easy integration with the 8-bit PIC18 Explorer and 16/32-bit Explorer 16 modular microcontroller development boards.

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