

# ZigBee RF4CE Compliant Platform for Consumer Electronics

Microchip Technology Inc. has achieved certification for its ZigBee® RF4CE Compliant Platform, which enables the next generation of RF remote controls and consumer electronics. The platform consists of Microchip's nanoWatt XLP eXtreme Low Power PIC® microcontrollers, the MRF24J40 IEEE 802.15.4 transceivers and FCC-certified modules, and the industry's smallest memory footprint ZigBee RF4CE certified protocol stack. The ZigBee RF4CE protocol provides an industry standard for this transition, ensuring interoperability between OEM or aftermarket remote controls and consumer electronics, and facilitating interoperable communication among audio/visual entertainment equipment for an improved user experience. In addition to low power consumption, the compliant PIC XLP microcontrollers offer a wide range of integrated peripherals for capacitive touch sensing, USB and a host of analog functions.

**Source URL (retrieved on 02/26/2015 - 11:47pm):**

<http://www.wirelessdesignmag.com/product-releases/2010/02/zigbee-rf4ce-compliant-platform-consumer-electronics>