WBZ451 and PIC32CX-BZ2 Early Access Development Kit

Part Number: EA71C53A

Overview

Take your multi-protocol wireless design to the next level with the PIC32CX-BZ2 family of wireless microcontrollers (MCUs) and WBZ451 modules. Featuring the latest Bluetooth® Low Energy specification 5.2, industry-leading security and a proven Zigbee® stack, the PIC32CX-BZ2 family is a general purpose, low-cost, 32-bit Microcontroller (MCU) supporting Multiprotocol wireless interfaces, hardware-based security accelerator, transceiver and Power Management Unit (PMU). The WBZ451 module is a fully RF-certified wireless module based on the PIC32CX-BZ2 MCU.

The Arm® Cortex®-M4 based PIC32CX-BZ2 also integrates a high-performance 2.4 GHz radio and supports a wide temperature range in a stand-alone package to make it well-suited for industrial applications such as industrial lighting and remote factory/building control. It is also ideal for home automation such as lights, door locks and blinds.

The EA71C53A is an Early Access development kit for developers who want to explore and develop applications with Microchip's upcoming Bluetooth 5.2 + Zigbee wireless solution, the PIC32CX-BZ2.

Package Contents

- 1 WBZ451 Early Access Curiosity Board
- 3 WBZ451 Early Access Modules