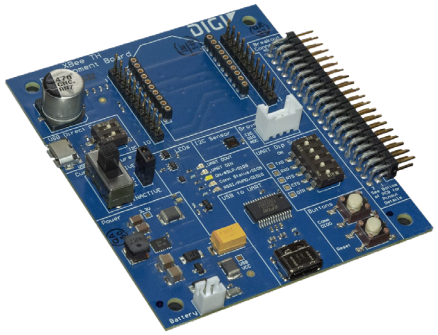
XBee® XBIB-C Development Boards

Product Overview

05-18-2022

For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description



DIGI XBee® XBIB-C Development Boards use USB direct mode with three cellular XBee® modules. These boards feature humidity and temperature sensors with MicroPython control. Along with this, these boards include Grove adapters for Grove connector products. These boards are powered by a battery, USB-C, and also offer current monitoring pins for testing the power consumption.

The DIGI XBee® XBIB-C-MMT Development board uses a secondary USB connector and has switch controls whether the current measure mode is active or inactive. The battery can be attached to provide power to the development board, and the voltage can range from 2V to 5V with the positive terminal on the left. It can be connected to a computer through a USB to UART conversion chip which has the five UART lines passed to the XBee® device. UART dip switch allows the user to disconnect any primary UART lines on the XBee® from the USB to the UART conversion chip. The XBee® socket is the socket for the XBee® (Microform factor).

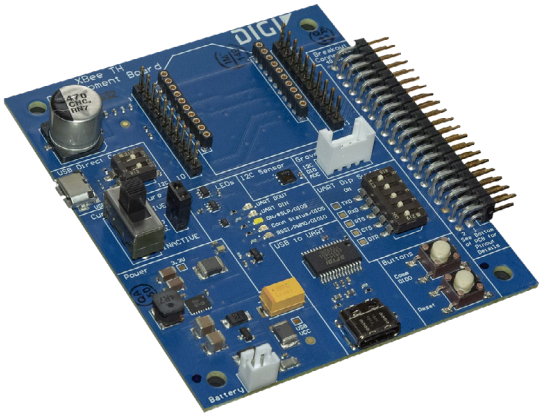
DIGI XBee® XBIB-C-SMT Development board uses a secondary USB connector and has switch controls whether the current measure mode is active or inactive. The battery can be attached to provide power to the development board, and the voltage can range from 2V to 5V with the positive terminal on the left. It can be connected to a computer through a USB to UART conversion chip which has the five UART lines passed to the XBee® device. The UART dip switch allows the user too disconnect any primary UART lines on the XBee® from the USB to the UART conversion chip. The XBee® the socket is for the XBee® (SMT form factor).

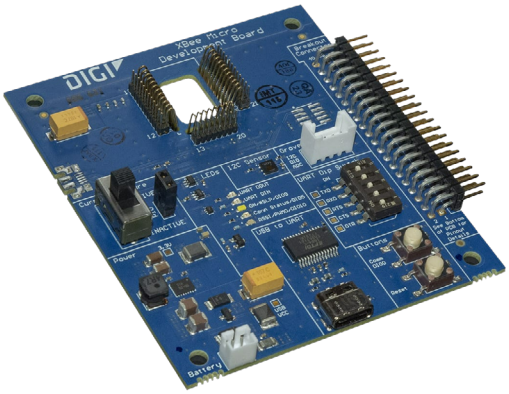
DIGI XBee® XBIB-CU-TH Development board uses a secondary USB connector for the direct programming of modules on some XBee® units. A large switch controls whether the current measure mode is active or inactive. The battery can be attached to provide power to the development board, and the voltage can range from 2V to 5V with the positive terminal on the left.

Features

- USB Direct Mode for use with XBee® 3 Cellular Modules
- Current monitoring pins for testing power consumption
- Temp and humidity sensor with MicroPython control
- Grove adapter for use with Grove connector products
- USB-C or battery-powered device
- Programmable user buttons

Development Boards





Mouser Part Numbers

View All Parts

To learn more, visit https://www.mouser.com/new/digi-international/digi-xbib-c-development-boards/