

NEW DEVELOPMENT BOARD XBEE MICRO

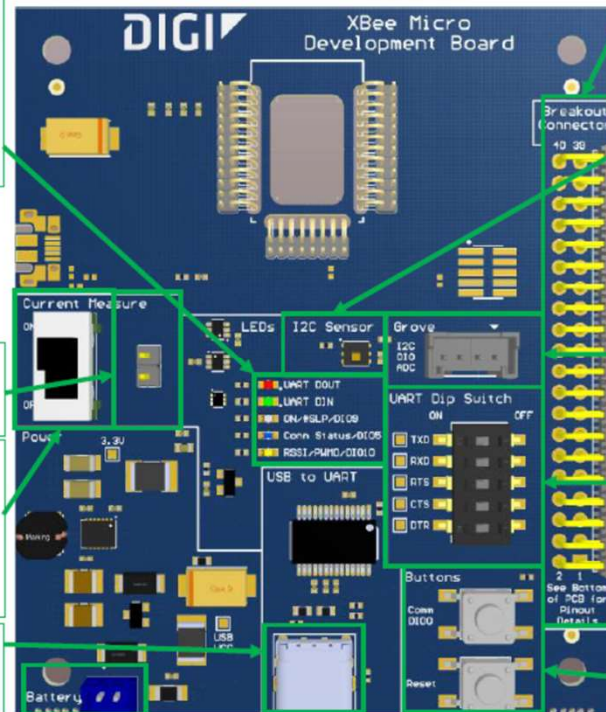
- LEDs**
- UART DOUT and DIN: Blink whenever the XBee DOUT and DIN line assert respectively
 - ON/#SLP/DIO9: Lights up when the XBee is on, turns off when the XBee is asleep, or follows the DIO9 line state
 - Conn Status/DIO5: Follows the Associate/Connection Status of the XBee or the DIO5 line state
 - RSSI/PWM0/DIO10: Follows the RSSI/PWM0 or DIO10 line state

- Current Measure Header**
- Place a current meter probe across this header to measure the current draw of the XBee module

- Current Measure Switch**
- In order to measure the current draw of the XBee module, switch this to "ON"
 - Please ensure that a current meter probe is placed across the current measure header when switching to "ON"

- USB-C Connection**
- Powers the board at 5V
 - Used to communicate with the UART of the XBee module

- Battery Connection**
- 2V to 4.5V
 - If the USB is plugged in, the battery will not be used



- Breakout Connector**
- External 40-pin Header
 - Connected to all XBee pins along with power and ground pins
 - Can be used as test points for the pins or to connect to any XBee daughter boards for additional testing

- I2C Sensor**
- Temperature and Humidity Sensor
 - Can only be used with XBee modules that have I2C functionality

- Grove Connector**
- Connect to any Grove Sensor
 - I2C: Only with XBee modules that have I2C functionality
 - DIO: Connects to DIO1 on the XBee and DIO11 if the Grove Sensor uses two DIO lines
 - ADC: Connects to AD1 on the XBee

- UART Dip Switch**
- When the line is switched to "ON", the UART line on the XBee is connected to the USB
 - When the line is switched to "OFF", the UART line on the XBee is disconnected from the USB allowing testing with different peripherals

- Buttons**
- Comm/DIO0 Button: Activates the Commissioning function of the module or drives DIO0 low
 - Reset Button: Resets the XBee module

NEW DEVELOPMENT BOARD XBEE STD



LEDs

- UART DOUT and DIN: Blink whenever the XBee DOUT and DIN line assert respectively
- ON/#SLP/DIO9: Lights up when the XBee is on, turns off when the XBee is asleep, or follows the DIO9 line state
- Conn Status/DIO5: Follows the Associate/Connection Status of the XBee or the DIO5 line state
- RSSI/PWM0/DIO10: Follows the RSSI/PWM0 or DIO10 line state

USB Direct Connect (Micro USB-B)

- In order to program certain XBee Cellular modules, a direct USB connection is required
- Switch the dip switches left to "USB" in order to do this

Current Measure Header

- Place a current meter probe across this header to measure the current draw of the XBee module

Current Measure Switch

- In order to measure the current draw of the XBee module, switch this to "ON"
- Please ensure that a current meter probe is placed across the current measure header when switching to "ON"

USB-C Connection

- Powers the board at 5V
- Used to communicate with the UART of the XBee module

Battery Connection

- 2V to 4.5V
- If the USB is plugged in, the battery will not be used

Breakout Connector

- External 40-pin Header
- Connected to all XBee pins along with power and ground pins
- Can be used as test points for the pins or to connect to any XBee daughter boards for additional testing

I2C Sensor

- Temperature and Humidity Sensor
- Can only be used with XBee modules that have I2C functionality

Grove Connector

- Connect to any Grove Sensor
- I2C: Only with XBee modules that have I2C functionality
- DIO: Connects to DIO1 on the XBee and DIO11 if the Grove Sensor uses two DIO lines
- ADC: Connects to AD1 on the XBee

UART Dip Switch

- When the line is switched to "ON", the UART line on the XBee is connected to the USB
- When the line is switched to "OFF", the UART line on the XBee is disconnected from the USB allowing testing with different peripherals

Buttons

- Comm/DIO0 Button: Activates the Commissioning function of the module or drives DIO0 low
- Reset Button: Resets the XBee module