NEW DEVELOPMENT BOARD XBEEMICRO

Breakout Connector UART DOUT and DIN: Blink External 40-pin Header whenever the XRee DOUT and Connected to all XBee pins along DIN line assert respectively with power and ground pins ON/#SLP/DIO9: Lights up when Can be used as test points for the יוטום XBee Micro the XBee is on, turns off when the pins or to connect to any XBee Development Board XBee is asleep, or follows the daughter boards for additional DIO9 line state Conn Status/DIO5: Follows the **I2C Sensor** Associate/Connection Status of 3r eakout Temperature and Humidity the XBee or the DIO5 line state RSSI/PWM0/DIO10: Follows the RSSI/PWM0 or DIO10 line state Can only be used with XBee modules that have I2C functionality **Grove Connector** · Connect to any Grove Sensor 12C: Only with XBee modules that have I2C functionality LEDs I2C Sensor Grove DIO: Connects to DIO1 on the XBee and DIO11 if the Grove **Current Measure Header** Sensor uses two DIO lines Place a current meter probe ADC: Connects to AD1 on the across this header to measure the UART Dip Suitch XBee current draw of the XBee module ER ON #SLP/0109 TXD T **UART Dip Switch** RSSI/PHHO/DIOLO **Current Measure Switch** RXD 🔲 When the line is switched to In order to measure the current RTS C "ON", the UART line on the XBee draw of the XBee module, switch CTS this to "ON" is connected to the USB When the line is switched to Please ensure that a current "OFF", the UART line on the XBee meter probe is placed across the Buttons is disconnected from the USB current measure header when allowing testing with different switching to "ON" nn g peripherals **USB-C Connection** Powers the board at 5V Comm/DIO0 Button: Activates Used to communicate with the the Commissioning function of UART of the XBee module the module or drives DIO0 low Reset Button: Resets the XBee **Battery Connection** 2V to 4.5V module If the USB is plugged in, the



battery will not be used

NEW DEVELOPMENT BOARD XBEE STD

- 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

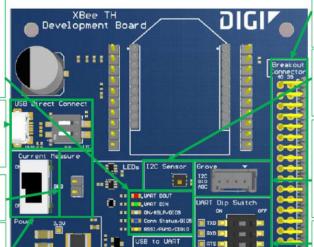
- · In order to measure the current draw of the XBee module, switch this to "ON"
- · Please ensure that a current meter probe is placed across the current measure header when switching to "ON"

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



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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

12C Sensor

- · Temperature and Humidity
- 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

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

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

