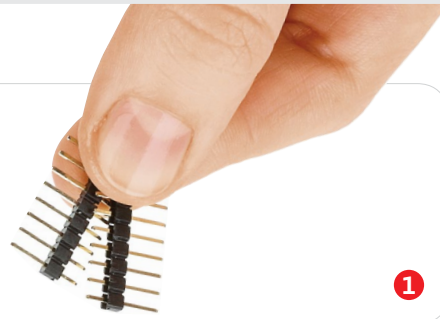




## XBEE click

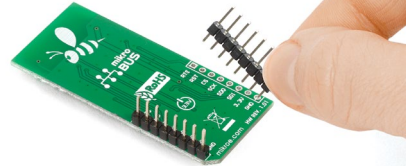
### 2. Soldering the headers

Before using your click board™, make sure to solder 1x8 male headers to both left and right side of the board. Two 1x8 male headers are included with the board in the package.



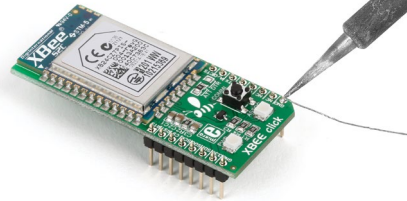
1

2

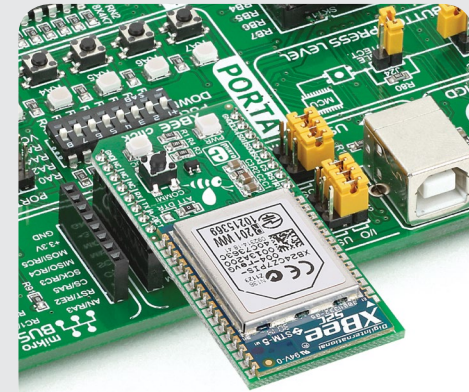


Turn the board upside down so that the bottom side is facing you upwards. Place shorter pins of the header into the appropriate soldering pads.

3



Turn the board upward again. Make sure to align the headers so that they are perpendicular to the board, then solder the pins carefully.

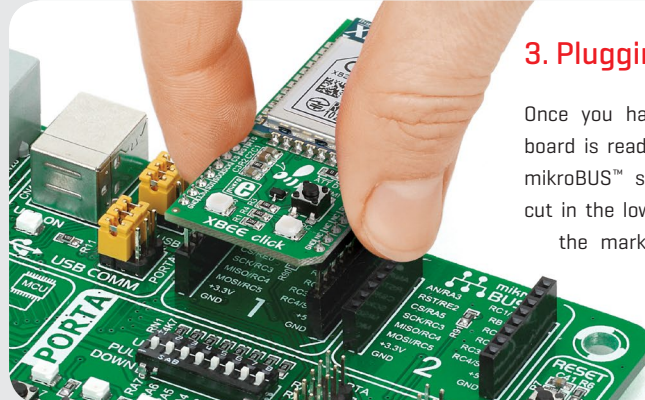


### 4. Essential features

XBee click is network-compatible with other devices that conform to ZigBee standards. The module operates at the 2.4–2.5GHz band, has a wireless range of up to 60m indoors, or up to 1.2km outdoors (line-of-sight). The RF data rate is up to 250 Kbps. To simplify deployment, the click features a commissioning button and an associated LED. They allow you to issue simple configuration commands with subsequent button presses (joining or leaving networks, self-identification, restoring default values etc.)

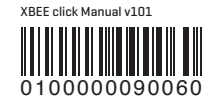
### 1. Introduction

XBee click carries the Xbee® and Zigbee-compliant XB24CZ7PIS-004 module with a PCB antenna from Digi International. The module provides wireless connectivity to end-point devices in ZigBee mesh networks. The board can communicate with the target MCU either through the mikroBUS™ UART interface (TX, RX, RTS i CTS), or SPI (MISO, MOSI, SCK, CS). Additional functionality is provided by, Reset, and ATTN-DTR pins. Uses 3.3V power supply only.



### 3. Plugging the board in

Once you have soldered the headers your board is ready to be placed into the desired mikroBUS™ socket. Make sure to align the cut in the lower-right part of the board with the markings on the silkscreen at the mikroBUS™ socket. If all the pins are aligned correctly, push the board all the way into the socket.





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