

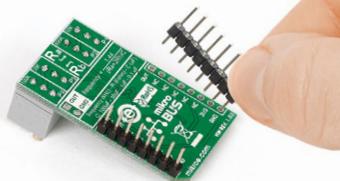
PULSE click

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.



2

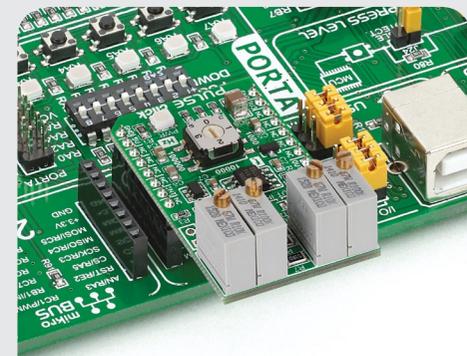


Turn the board upside down so that the bottom side is facing you upwards. Place shorter pins of the header into the appropriate soldering pads.

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.

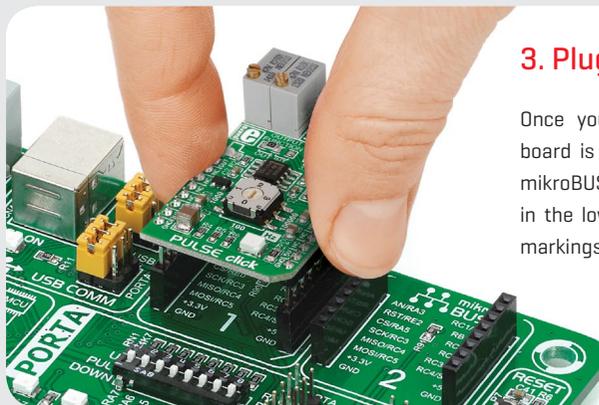


4. Essential features

The frequency of PULSE click is configured in two steps. First select between four frequency bands by using the frequency selector - a circular central switch in the middle of the board. Starting from the six-o'clock position and moving counter-clockwise in quarters, it has 4 options: 0] Up to 100 Hz; 1] Up to 1 kHz; 2] Up to 10 kHz; and 3] Up to 100 kHz. After you select the appropriate position, use the onboard potentiometer to fine-tune the desired output frequency.

1. Introduction

PULSE click is a pulse generator with an adjustable frequency. It carries the **NEN555** precision timer capable of producing highly accurate time delays, and the output can be sent to the MCU through the OUT pin, (default mikroBUS™ AN pin) or an interrupt (INT pin) or an interrupt (INT pin). An extra output pin above the mikroBUS™ socket is also available. Designed to use either a 3.3V or a 5V power supply.



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.

click
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PULSE click Manual v1.00



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