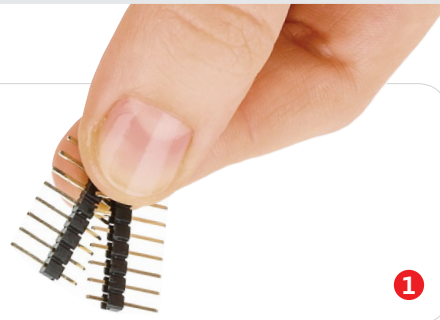


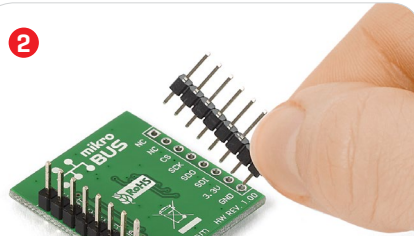
Accel 2 click

2. Soldering the headers

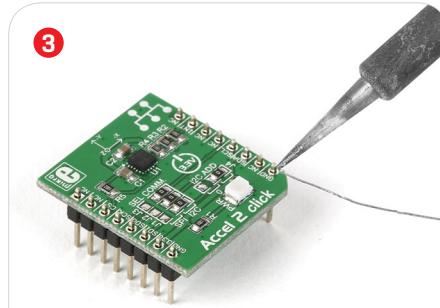
Before using your click board™, make sure to solder 1x8 male headers to both left and right side of the board. Two 1x8 male headers are included with the board in the package.



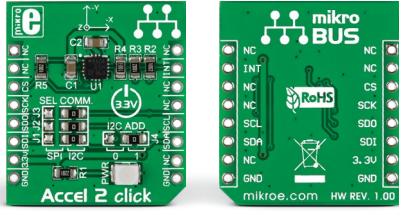
1



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.

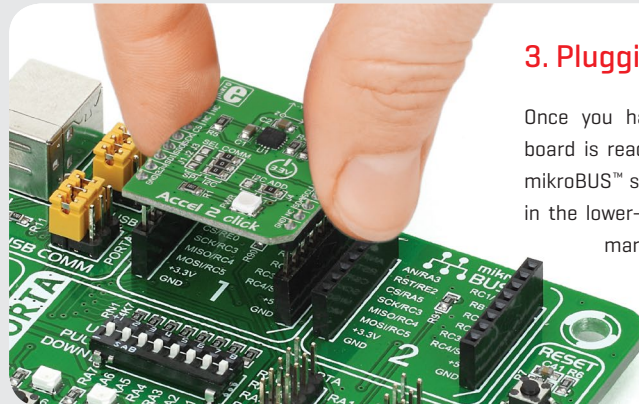


Turn the board upward again. Make sure to align the headers so that they are perpendicular to the board, then solder the pins carefully.



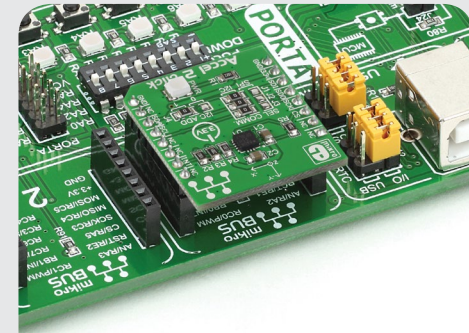
1. Introduction

Accel 2 click carries **ST's LIS3DSH IC**, a low-power factory-calibrated three-axis accelerometer which embeds a FIFO buffer and two programmable state machines. The board communicates with the target board MCU through either SPI [CS#, SCK, SDO, SDI] or I2C [SCL, SDA] interfaces. It also has an interrupt pin [INT] which can be programmed to respond to user defined movement patterns.



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.



4. Essential features

Accel 2 click, with its embedded state machines, is especially suited for designing motion control user interfaces. It allows you to implement gesture recognition. User-defined programs can distinguish movement patterns like shake and double shake, face up and face down, turn and double turn, and activate an interrupt upon their execution. An integrated FIFO buffer, with multiple operating modes, enables you to optimize between performance and power consumption.

click
BOARD™
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Accel 2 click manual
ver 1.00



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