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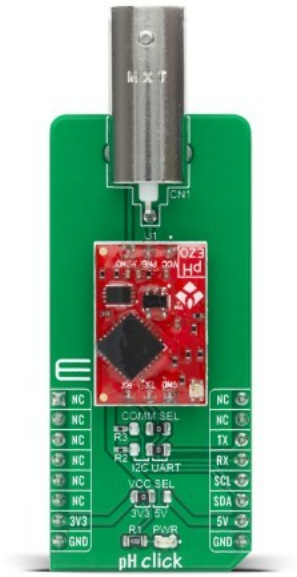
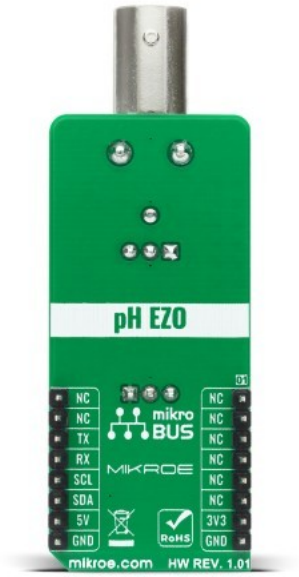
pH Click





PID: MIKROE-4297

pH Click is a compact add-on board that provides an opportunity for the user to read pH with the same accuracy and capabilities as with some other expensive solutions. This board features the pH EZO™, a 6th generation embedded pH circuit that offers the highest level of stability and accuracy from AtlasScientific. With an easy to use data protocol, simple command structure, and flexible calibration protocol this Click board™ works with any off-the-shelf pH probe. It has temperature-dependent or independent readings with a full range of pH readings from 0.001 to 14.000. This Click board™ makes an excellent choice for applications where users want to add high accuracy pH readings to their future projects.

pH Click Click is supported by a mikroSDK compliant library, which includes functions that simplify software development. This Click board™ comes as a fully tested product, ready to be used on a system equipped with the mikroBUS™ socket.

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Specifications

Type	Environmental
Applications	Can be used for applications where users want to add high accuracy pH readings to their future projects.
On-board modules	pH Click is based on the pH EZO™, a 6th generation embedded pH circuit that offers the highest level of stability and accuracy from AtlasScientific.
Key Features	High stability and accuracy, easy to use data protocol, simple command structure, flexible calibration protocol, works with any off-the-shelf pH probe, and more.
Interface	I2C,UART
ClickID	No
Compatibility	mikroBUS
Click board size	L (57.15 x 25.4 mm)
Input Voltage	3.3V or 5V

Resources

mikroBUS™

mikroSDK

Click board™ Catalog

Click boards™

Downloads

pH click 2D and 3D files

pH click example on Libstock

EZO datasheet

pH click schematic