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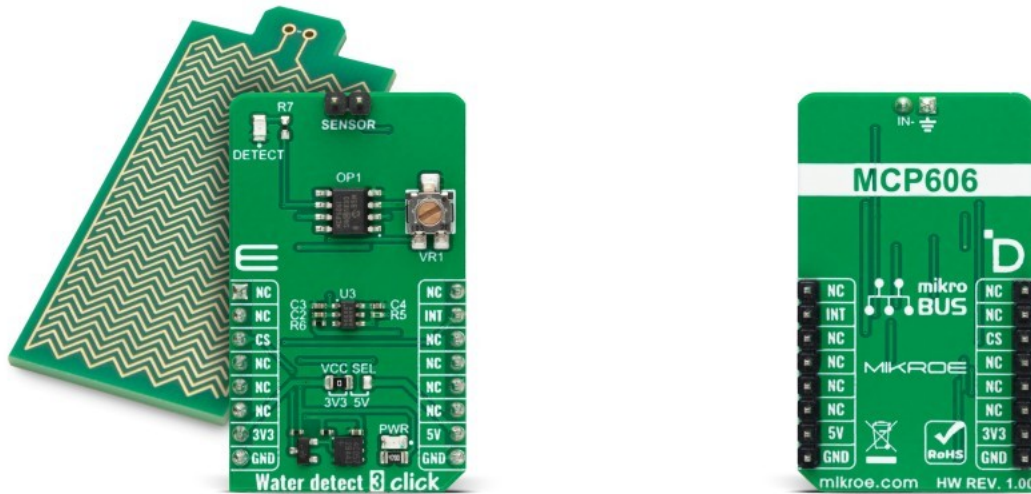www.mikroe.com

Water Detect 3 Click

PID: MIKROE-5848

Water Detect 3 Click is a compact add-on board that detects water and other electroconductive liquids. This board features the MCP606, a micropower CMOS operational amplifier from Microchip. In the same package, the Water Detect 3 Click comes with a separate PCB with an electroconductive water detection area connected to a Click board™ with wires. This allows you to safely develop a project by testing a board with actual water that will not come in touch with your development setup. This Click board™ makes the perfect solution for the development of a household flood alarm sensor, rain detector for smart buildings, or water tanks that act as a limit switch for a pump.

Water Detect 3 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	Miscellaneous
Applications	Can be used for the development of a household flood alarm sensor, rain detector for smart buildings, or water tanks that act as a limit switch for a pump
On-board modules	MCP606 - micropower CMOS operational amplifier from Microchip
Key Features	Separate board for water detection in the same package, detection area made of exposed conducting wires, calibration potentiometer, interrupt output, LED for visual presentation, and more
Interface	GPIO
ClickID	Yes
Compatibility	mikroBUS
Click board size	M (42.9 x 25.4 mm)
Input Voltage	3.3V or 5V

Resources

[mikroBUS™](#)

[mikroSDK](#)

[Click board™ Catalog](#)

[Click boards™](#)

Downloads

[MCP606 datasheet](#)

[MCP1501 datasheet](#)

[Water Detect 3 click 2D and 3D files](#)

[Water Detect 3 click schematic](#)

[Water Detect 3 click example on Libstock](#)