

New Product Announcement

Mouser Now Offering Sensirion's SHTW2 RH and Temp Extension Board for SAMD20 Xplained Pro

February 7, 2017 – [Mouser Electronics](http://www.mouser.com), Inc., the industry's leading New Product Introduction (NPI) distributor with the widest selection of semiconductors and electronic components, is now stocking the [SHTW2 Xplained Pro Dual Humidity and Temperature Extension Board](#) from [Sensirion](#). The new extension board for [Microchip's SAMD20 Xplained Pro Board](#) features two [Sensirion SHTW2](#) humidity and temperature sensors and acts as an intelligent circuit, enabling developers to incorporate on/off body detection for improved battery management.

The [Sensirion SHTW2 Xplained Pro Dual Humidity and Temperature Extension Board](#), available from Mouser Electronics, is based on the SHTW2, Sensirion's second-generation digital humidity and temperature sensor in a tiny flip chip package. The SHTW2 offers a complete [sensor](#) system on a single chip, integrating a capacitive humidity sensor, a band-gap temperature sensor, analog and digital signal processing, analog-to-digital converter (ADC), calibration data memory, and a digital communication interface that supports I²C fast mode.

With the two onboard SHTW2 sensors, developers can create designs with on/off body detection, which detects whether a device is worn on a person's body to supply power. This results in smarter [battery management](#) that corresponds to individual user's needs in battery-driven devices such as headphones, fitness trackers, smart [medical](#) devices, and VR goggles.

To learn more, visit <http://www.mouser.com/new/sensirion/sensirion-shtw2-xplained-ext-board/>.

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About Mouser Electronics

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About Sensirion

Sensirion is a leading sensor manufacturer, providing relative humidity sensors and flow sensor solutions with unique performance. The company's product range includes liquid flow sensors, mass flow meters, mass flow controllers and differential pressure sensors. Using Sensirion's microsensor solutions, OEM customers benefit from the proven CMOSens® technology and excellent technical support. Among a large variety of applications, the flow and humidity sensors are successfully used in the automotive and medical industry.

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