

## New Product Announcement

# Sensirion's SVM30 Sensor Module, Now at Mouser, Measures tVOC, CO<sub>2</sub>eq, RH/T on Single Board

**April 18, 2019** – [Mouser Electronics](http://www.mouser.com), Inc., the authorized global distributor with the newest semiconductors and electronic components, is now stocking the [SVM30](#) multi-gas, humidity, and temperature module from [Sensirion](#). Featuring Sensirion's CMOSens® intelligent microsensor technology, the SVM30 is optimized for easy design-in and sensing performance in air purifiers, HVAC, [smart home](#) systems, and other indoor air quality applications.

The [Sensirion SVM30](#) sensor module, available from Mouser Electronics, offers accurate and stable monitoring of indoor total volatile organic compounds (tVOC), CO<sub>2</sub> equivalent (CO<sub>2</sub>eq) concentration, temperature, and humidity. The module contains an SGP30 multi-pixel gas sensor with multiple metal-oxide sensing elements as well as an SHTC1 humidity and temperature sensor. The complete [sensor](#) system integrates the sensing elements, analog and digital signal processing, analog-to-digital converter (ADC), calibration and data memory as well as a digital communication interface supporting the I<sup>2</sup>C standard mode.

The SGP30 sensing element features exceptional robustness against contamination by siloxanes present in real-world applications, enabling long-term stability and low drift. The SHTC1 humidity and temperature sensor covers a humidity measurement range of 0 to 100 percent relative humidity (RH) and a temperature measurement range of minus 20 to 85 degrees Celsius with a typical accuracy of ±5 percent RH and ±1 degree Celsius.

Mouser is also stocking the [SEK-SVM30](#) evaluation kit, which features plug-and-play hardware with user-friendly viewer software to give an in-depth evaluation of the SVM30 module. The kit includes all necessary connector cables and various sensor samples, plus a Sensirion SensorBridge with two independent I<sup>2</sup>C channels for simultaneous evaluation of two environmental sensor samples.

To learn more, visit [www.mouser.com/sensirion-svm30](http://www.mouser.com/sensirion-svm30).

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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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