



SparkX Humidity Sensor Breakout SHTC3 (Qwiic)

SPX-15074 ROHS

Sensirion's SHTC3 digital humidity sensor builds on the success of their SHTC1 sensor. The SHTC3 has a broader supply voltage range (1.62V to 3.6V) and higher accuracy ($\pm 2\%$ RH, $\pm 0.2^\circ\text{C}$) than its predecessor, enabling greater flexibility.

The SHTC3 is low cost, easy-to-use, highly accurate, digital humidity and temperature sensor. This sensor is ideal for environmental sensing and data logging and perfect for build a weather stations or humidior control system. All you need are two lines for I²C communication, and you'll have relative humidity readings and very accurate temperature readings as a bonus!

Hook up is a breeze with as the breakout board is using the Qwiic connect system. The breakout board has built-in 2.2k Ω pullup resistors for I²C communications. If you're hooking up multiple I²C devices on the same bus, you may want to disable these resistors.

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