

Sensirion SHTC3 Temperature & Humidity Sensor

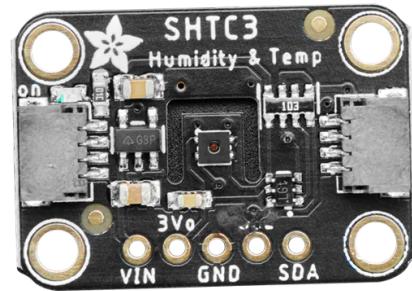
Product Overview

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For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

Adafruit Sensirion SHTC3 Temperature and Humidity Sensor feature an I²C interface that provides interfaces between two wires (ground and plus power). This sensor offers $\pm 0.2^\circ\text{C}$ accuracy, and $\pm 2\%$ relative humidity, and features an I²C interface on address 0x70. The SHTC3 sensor has a breakout board that supports circuitry such as pullup resistors, capacitors, and also Qwiic compatible STEMMA QT connectors for the I²C bus. The breakout board features a level shifting circuitry and a voltage regulator.



Features

- Ultra-low power consumption
- 0% to 100% RH humidity measurement range
- -40°C to 125°C temperature measurement range
- $\pm 2\%$ RH and $\pm 0.2^\circ\text{C}$ accuracy
- Less than 1ms power-up and measurement
- NIST traceability
- I²C address 0x70

Related Products

- [Adafruit STEMMA QT Breakout Boards](#)
- [Adafruit SHT40 Temperature & Humidity Sensor Board](#)

Mouser Part Number

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To learn more, visit <https://www.mouser.com/new/adafruit/adafruit-shtc3-sensor/>