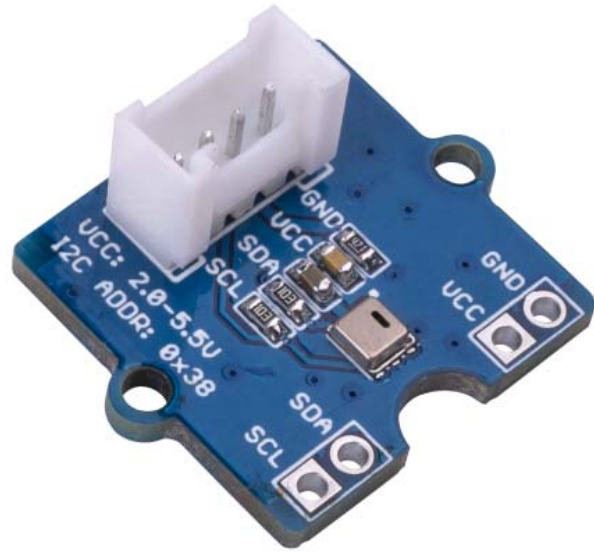




Grove - AHT20 I2C Industrial Grade Temperature and Humidity Sensor

SKU 101990644

Grove AHT20 Temperature and Humidity sensor is an industrial-grade sensor based on AHT20.



Note

The color of the arrival PCB is blue!!! The Grove interface has already been soldered on the PCB.

Key Features

Temperature measurement range $-40 \sim 85^{\circ}\text{C}$, Humidity measurement range $0 \sim 100\% \text{ RH}$

Digital output, Grove I2C interface

Excellent long-term stability

SMD package suitable for reflow soldering

Quick response and strong anti-interference ability

Compatible with Arduino

4-pin interface reserved

Description

Grove AHT20 Temperature and Humidity sensor is based on AHT20, compared with Grove - Temperature & Humidity Sensor Pro (AM2302/DHT22), AHT20 is a new generation of temperature and humidity sensor embedded with a dual-row flat and no-lead SMD package, suitable for the reflow soldering. AHT20 is equipped with a newly designed ASIC chip: an improved MEMS semiconductor capacitive humidity sensor, and a standard on-chip temperature sensor. The output is I2C protocol with the Grove interface.

The performance of AHT20 is more stable in harsh environments compared with the previous generation of temperature and humidity sensor, as a matter of fact, AHT20 is fittable in most industrial scenarios.

Dimensions

24x20x12(mm)

What is Grove?

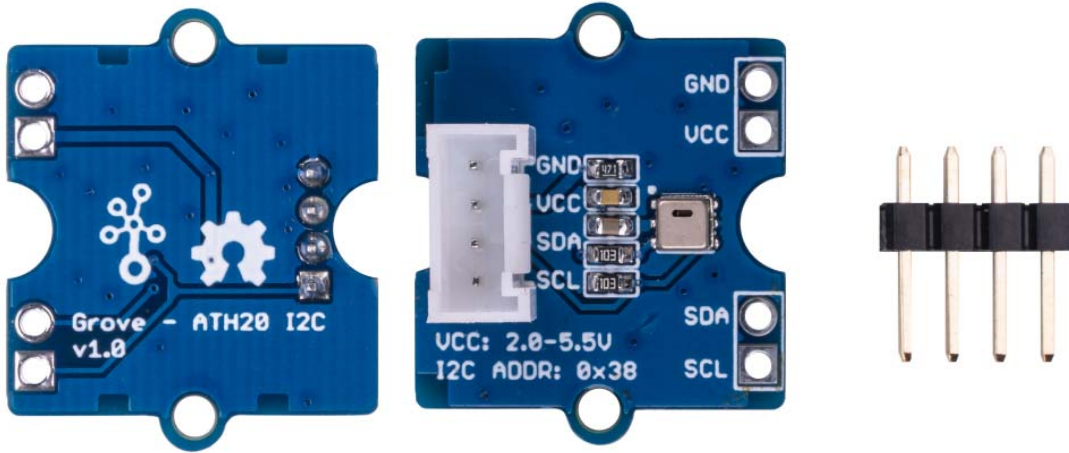
Grove makes it easier to connect, experiment, and simplify the prototyping process. No jumpers or soldering required. We have developed more than 300 Grove modules, covering a wide range of applications that can fulfill a variety of needs. Not only are these open hardware, but we also have open-source software.

Tip

Also, check our blog [9 Types of Temperature Sensors You Should Know](#) to compare different temperature sensors for your next environmental project!

ECCN/HTS

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