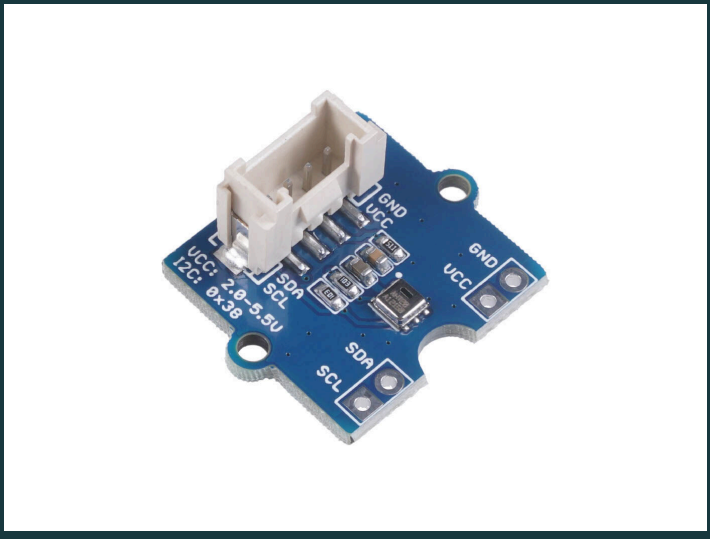
seeed studio

INDUSTRIAL PRODUCT DATASHEET

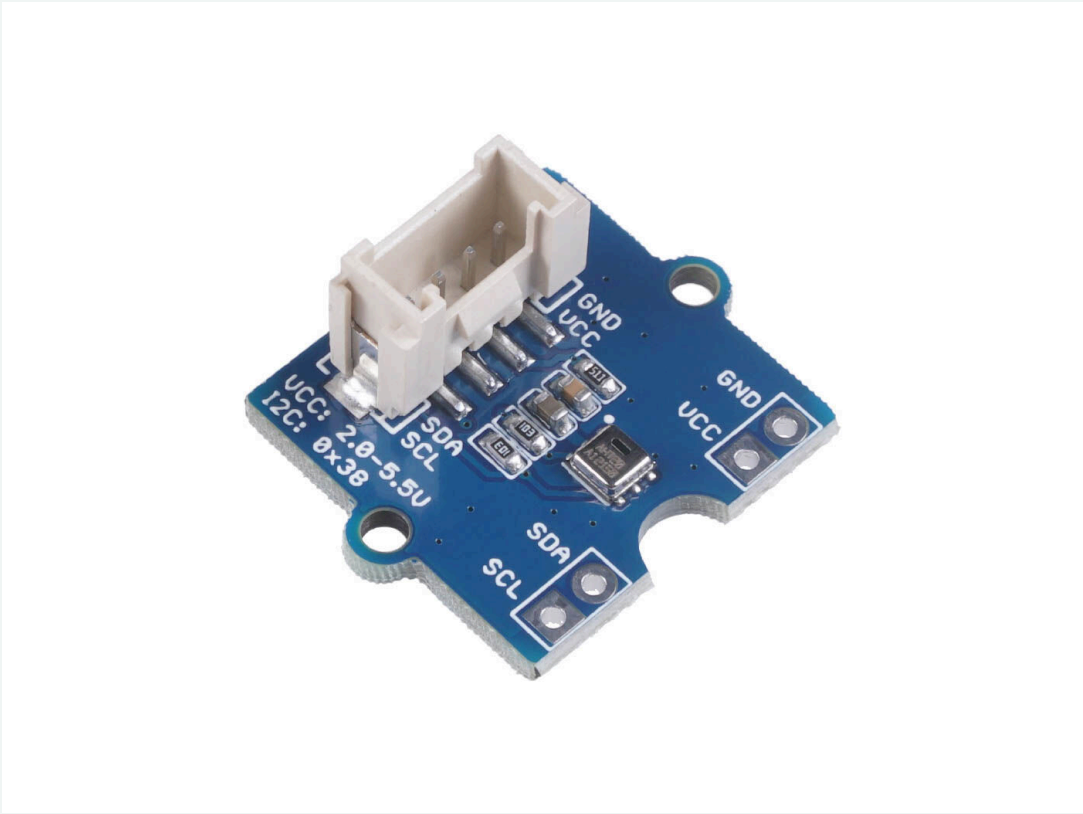
Grove - AHT20 I2C Industrial Grade Temperature and Humidity Sensor

Grove - AHT20 I2C industrial grade temperature and humidity sensor is equipped with a new generation of temperature and humidity sensor, with fast response speed and strong anti-interference ability.

SKU	UPDATED	PRICE
101990644	2026-11-11 08:30:40	$4.50(Excl. VAT)



Overview



Grove - AHT20 I2C industrial grade temperature and humidity sensor is equipped with a new generation of temperature and humidity sensor, with fast response speed and strong anti-interference ability. It can guarantee normal use in harsh environments and is suitable for most industrial scenarios.

Key Features

01 **Excellent long-term stability**

Quick response and strong anti-interference ability, and normal use in harsh environments

02 **Suitable for most industrial scenarios**

temperature measurement range -40 ~ 85°C, Humidity measurement range 0 ~ 100% RH

03 **Equipped with newly designed ASIC chip**

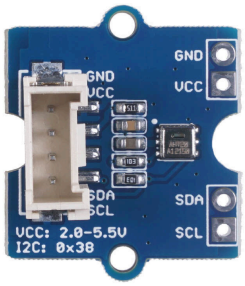
improved MEMS semiconductor capacitive humidity sensor and standard on-chip temperature sensor

04 **Starter-friendly**

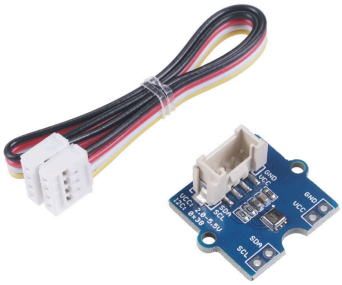
Compatible with Arduino, Detailed start-up tutorials, abundant resources, and projects provided in Wiki and Community

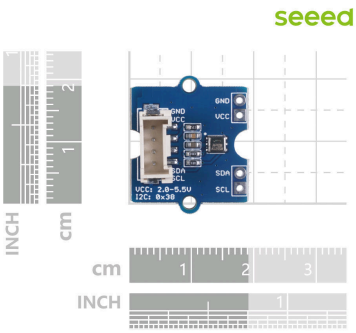
05 **SMD package suitable for reflow soldering**

Product Gallery









Resource Links

- https://www.seeedstudio.com/Grove-AHT20-I2C-Industrial-grade-temperature-and-humidity-sensor-p-4497.html
- Hardware schematic diagram
- Arduino Library
- I2C Wire Library Overview

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