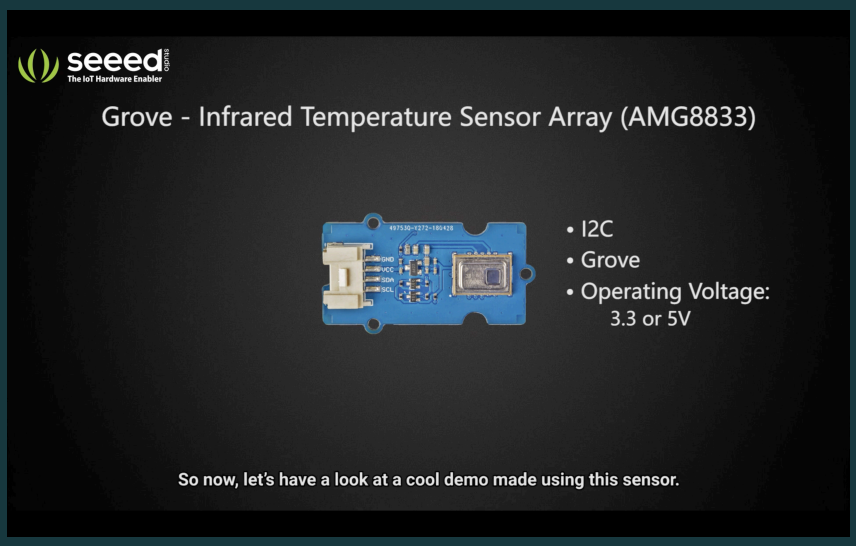
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INDUSTRIAL PRODUCT DATASHEET

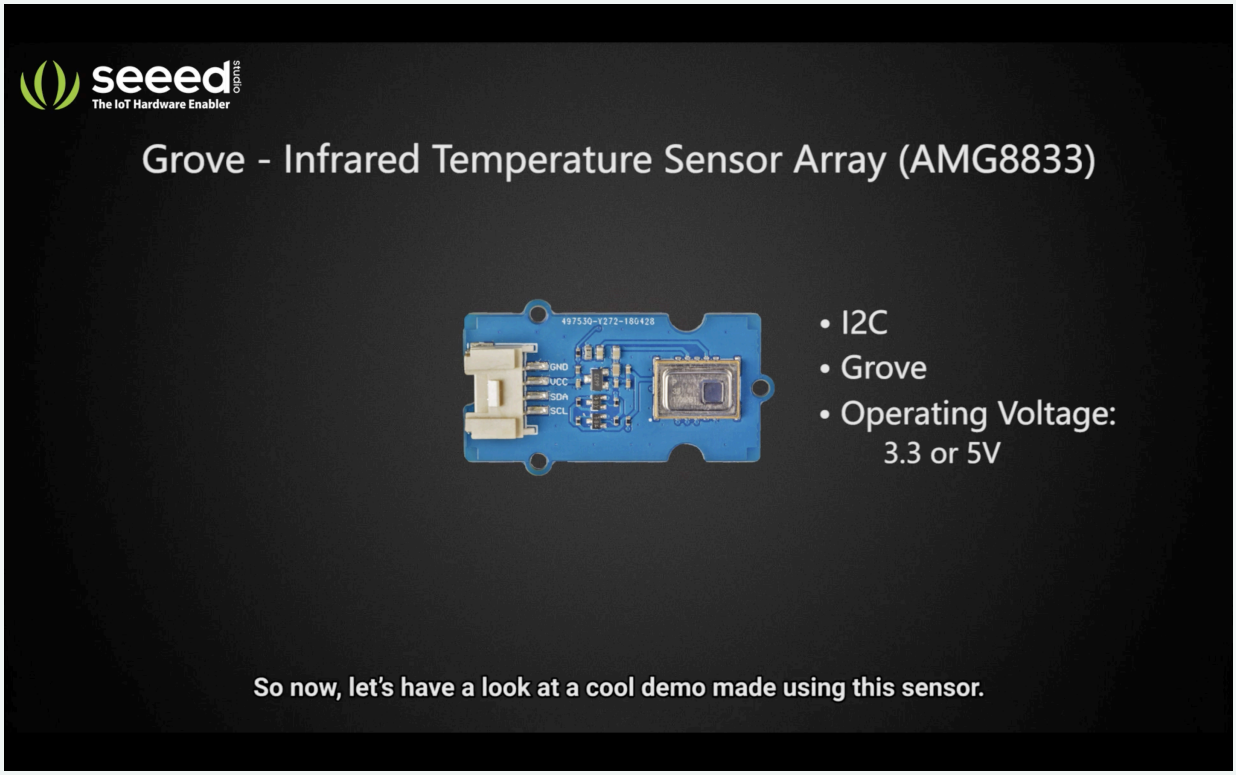
Grove - I2C High Accuracy Temp&Humi Sensor (SHT35), I2C, ±1.5% RH and ±0.1°C, ideal for Smart Home, Industrial Automation

High-accuracy I2C temperature and humidity sensor (±1.5% RH, ±0.1°C) with plug-and-play Grove connectivity for smart home and industrial automation.

SKU	UPDATED	PRICE
101020592	2026-11-03 03:37:50	$13.95(Excl. VAT)



Overview



The Grove - I2C High Accuracy Temp&Humi Sensor (SHT35) provides reliable temperature and humidity measurements with typical accuracies of ±1.5% RH and ±0.1°C, rapid I2C communication up to 1 MHz, and fully calibrated digital output. It supports a wide 2.15 V to 5.5 V supply range and plug-and-play Grove connectivity for applications including smart home, industrial automation, medical, automotive, food processing, and industrial freezers/refrigerators.

Key Features

01 **High accuracy**

Support reliable measurement of RH and temp boasting typical accuracies of ±1.5% RH and ±0.1°C, respectively

02 **Rapid data transmission：I2C Interface with communication speeds up to 1 MHz and two user selectable addresses**

03 **Streamlined performance**

With a fully calibrated, linearized, and temperature-compensated digital output,eliminating delays and ensuring prompt data acquisition

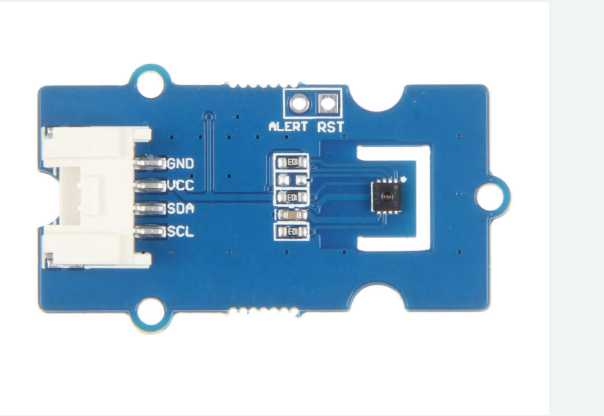
04 **Wide compatibility**

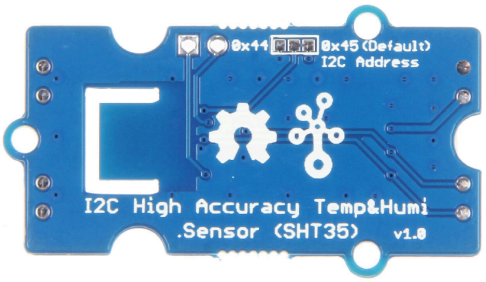
Operates on a wide supply voltage range of 2.15 V to 5.5 V, making it compatible with a variety of assemblies.

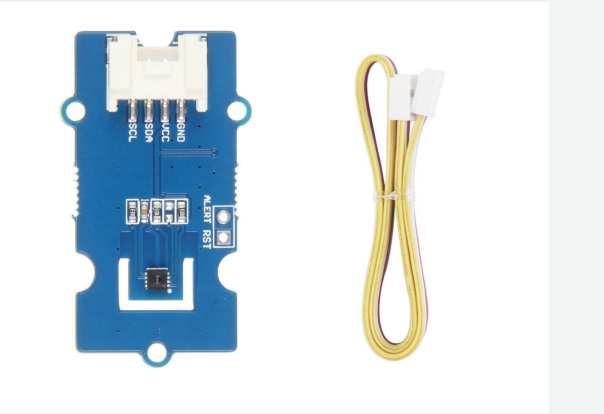
05 **Versatile connectivity**

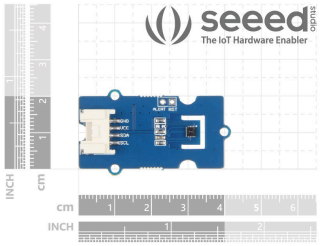
The Grove interface enables effortless "Plug and Play", while its adaptability makes it ideal for environment detection of applications

Product Gallery









Applications

- Medical Use
- Home/Outside Environment
- Automobile
- Food Processing
- Industrial Freezers and Refrigerators

Resource Links

- https://www.seeedstudio.com/Grove-I2C-High-Accuracy-Temp-Humi-Sensor-SHT35.html
- Grove - I2C High Accuracy Temp&Humi Sensor(SHT35) Eagle Files
- Seeed SHT35 Library
- Datasheet SHT3x-DIS
- Community Innovations: A Showcase of Sensirion-Based Grove Projects

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