

INDUSTRIAL PRODUCT DATASHEET

Grove - Gas Sensor(MQ3)

Grove - Gas Sensor(MQ3) offers high sensitivity to combustible gases, fast response, and adjustable sensitivity for gas leakage detection in home and industry.

SKU

101020006

UPDATED

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PRICE

\$2.90(Excl. VAT)



Overview



The Grove - Gas Sensor(MQ3) is a gas detection module useful for detecting gas leakage in home and industrial environments. It can detect LPG, i-butane, methane, alcohol, hydrogen, smoke and more, with fast response time and adjustable sensitivity via a potentiometer.

Key Features

Tip

We've released the [Seeed Gas Sensor Selection Guide](#), it will help you choose the gas sensor that best suits your needs.

How to choose a gas sensor?

The Grove - Gas Sensor module is useful for gas leakage detecting(in home and industry). It can detect LPG, i-butane, methane, alcohol, Hydrogen, smoke and so on. Measurements can be taken as soon as possible based on its fast response time. Also, the sensitivity can be adjusted by the potentiometer.

There are different gas detectors for sale, like [MQ2](#), [MQ3](#), [MQ5](#), and [MQ9](#). Below is a contrast table of them.

Note

Hot-swapping the grove may lead to IC burnout, please turn off the power of the main board before swapping grove.

Features

- High sensitivity to Combustible gas in a wide range
- Stable performance, long life, low cost
- Fast response
- Wide detection range
- Simple drive circuit

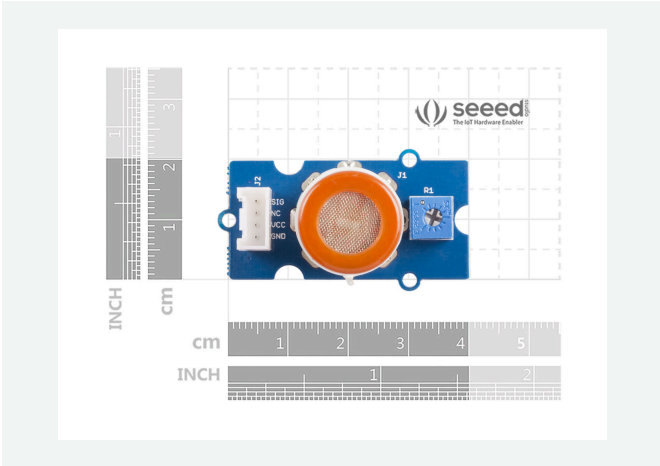
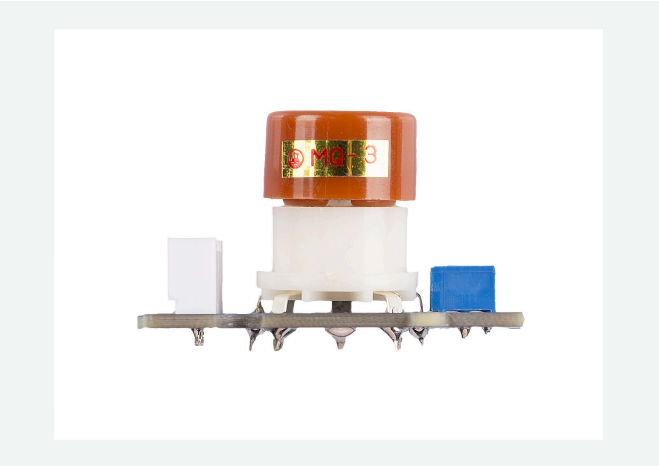
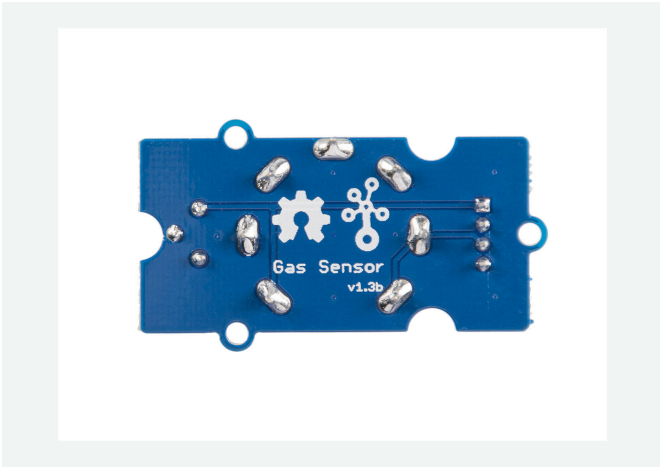
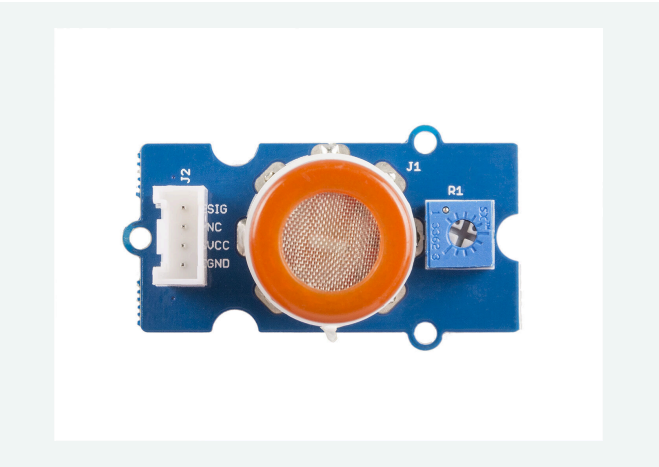
For all Grove users (especially beginners), we provide you guidance PDF documents. Please download and read through [Preface - Getting Started](#) and [Introduction to Grove](#) before your using of the product.

One More Thing

With the SenseCAP **S2110 controller** and **S2100 data logger**, you can easily turn the Grove into a LoRaWAN® sensor. Seeed not only helps you with prototyping but also offers you the possibility to expand your project with the SenseCAP series of robust **industrial sensors**.

The IP66 housing, Bluetooth configuration, compatibility with the global LoRaWAN® network, built-in 19 Ah battery, and powerful support from APP make the [SenseCAP S210x](#) the best choice for industrial applications. The series includes sensors for soil moisture, air temperature and humidity, light intensity, CO2, EC, and an 8-in-1 weather station. Try the latest SenseCAP S210x for your next successful industrial project.

Product Gallery



Part List

Grove - Gas Sensor(MQ3)	1
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Compliance & Logistics



HSCODE	9027900000
USHSCODE	9027908800
UPC	841454108344
EUHSCODE	9013101000
COO	CHINA

Resource Links

- <https://www.seeedstudio.com/Grove-MQ3-Grove-Gas-Sensor.html>
- [How to choose a Gas Sensor](#)
- [What's LEL](#)
- [Grove Gas Sensor - EAGLE \(Schematic and Board\) files](#)
- [Grove Gas Sensor - PDF Schematic](#)
- [MQ-3 Datasheet](#)

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