

INDUSTRIAL PRODUCT DATASHEET

Grove - Alcohol Sensor

Highly sensitive and fast-response alcohol sensor with Grove plug-and-play connectivity, suitable for DUI testing, alcohol degree testing, and alcohol volatilization detection.

SKU

101020044

UPDATED

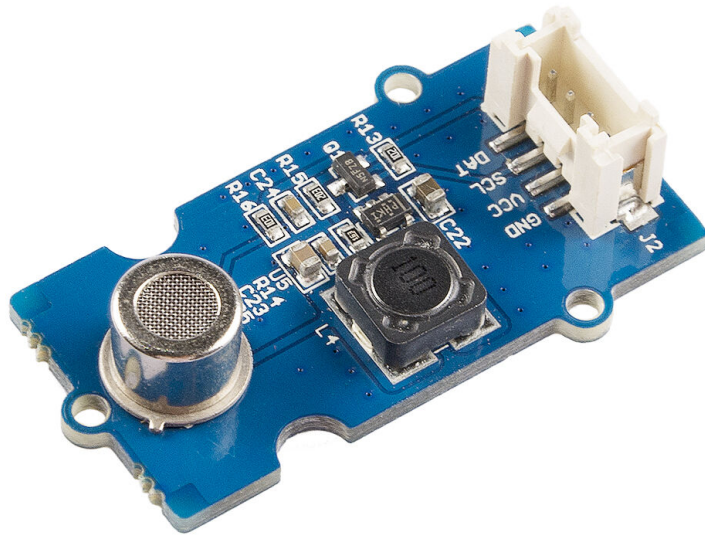
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PRICE

\$8.70(Excl. VAT)



Overview

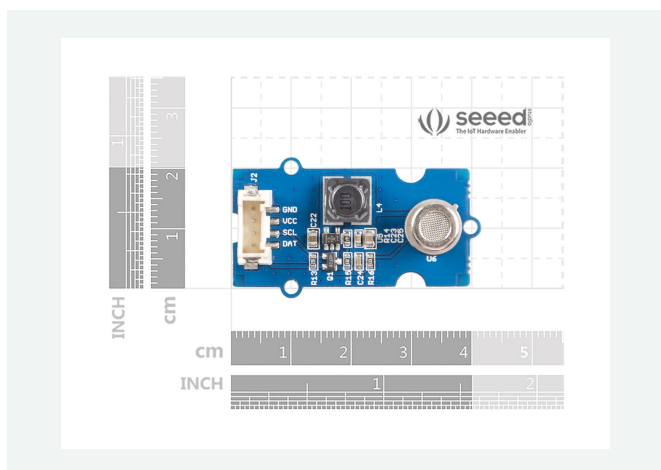
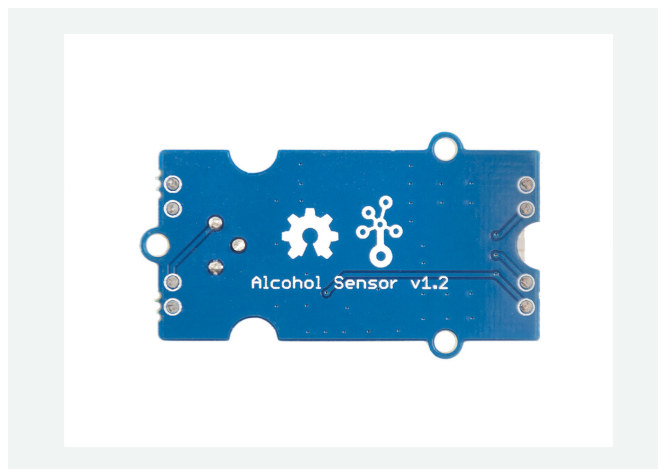
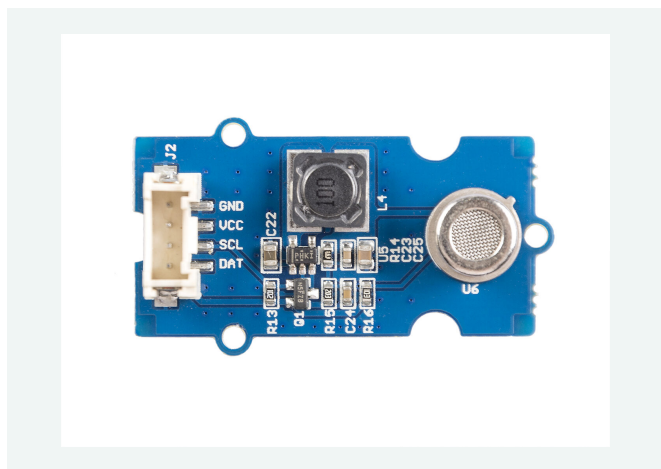


The Grove - Alcohol Sensor is highly sensitive, enabling measurement of relatively small alcohol concentrations, and features outstanding measurement speed with fast response and quick recovery after alcohol exposure. Its Grove unified socket ensures "Plug and Play" versatility for various applications including DUI testing, alcohol degree testing, and alcohol volatilization detection.

Key Features

- **Highly sensitive:** Make it possible to measure when the alcohol concentration is relatively small.
- **Outstanding measurement speed:** Fast response and resumes quickly after alcohol exposure.
- **Grove unified socket:** The sensor ensures "Plug and Play" and could be versatile for various applications.

Product Gallery



Specification

Dimensions	40mm x20mm x12mm
Weight	G.W 11g
Battery	Exclude
Power requirements	5 VDC @ ~120 mA (heater on)
Detection Gas	Alcohol
Concentration	20-1000ppm Alcohol
Interface	1 TTL compatible input (SEL), 1 TTL compatible output (DAT)
Heater Voltage	0.9V ± 0.1V AC or DC
Heater Current	120 ± 20mA

Applications

- **DUI testing**
- **Alcohol degree testing**
- **Alcohol volatilization detection**

Part List

Grove - Alcohol Sensor	1
Grove Cable	1

Compliance & Logistics



HSCODE	9027900000
USHSCODE	9027908800
UPC	841454108740
EUHSCODE	9013101000
COO	CHINA

Resource Links

- <https://www.seeedstudio.com/Grove-Alcohol-Sensor.html>
- [Grove-Alcohol Sensor Eagle File](#)
- [Grove-Alcohol Sensor v1.2 Eagle File](#)
- [Schematics in PDF Format](#)
- [How to Choose A Gas Sensor](#)
- [MQ303A](#)

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