

INDUSTRIAL PRODUCT DATASHEET

Grove - 6-Axis Accelerometer&Compass v2.0

A 6-axis accelerometer and compass module with I2C/SPI interfaces, programmable interrupts, and wide full-scale ranges.

SKU

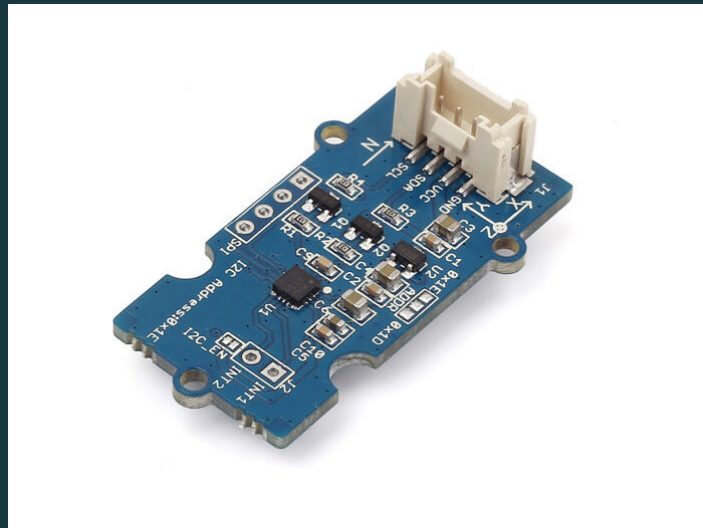
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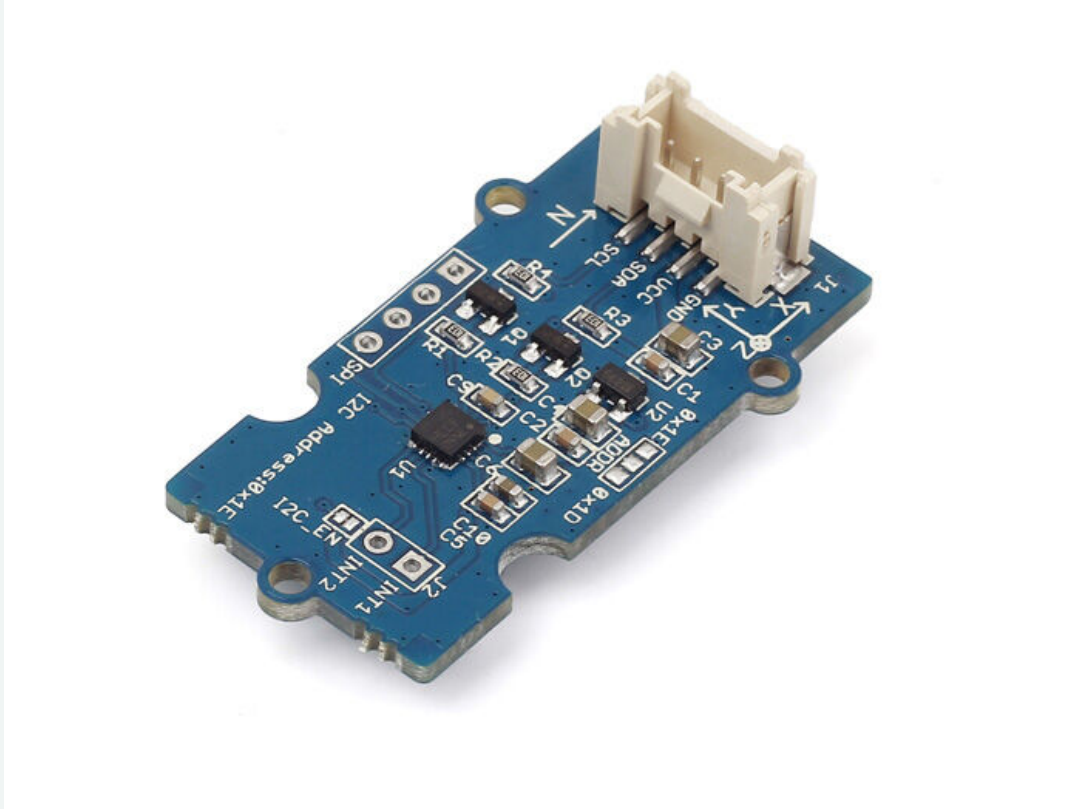
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PRICE

\$21.90(Excl. VAT)



Overview



The Grove - 6-Axis Accelerometer&Compass v2.0 integrates a 3-axis accelerometer and 3-axis magnetometer with 16-bit data output, configurable via I2C or SPI interfaces and supporting programmable interrupts for free-fall, motion, and magnetic field detection. This product is no longer available; the Grove BMI088 is recommended as a replacement.

Key Features

Note

This products is no longer available, and we have another 6-Axis Accelerometer&Compass sensors, please refer to [Grove BMI088](#).

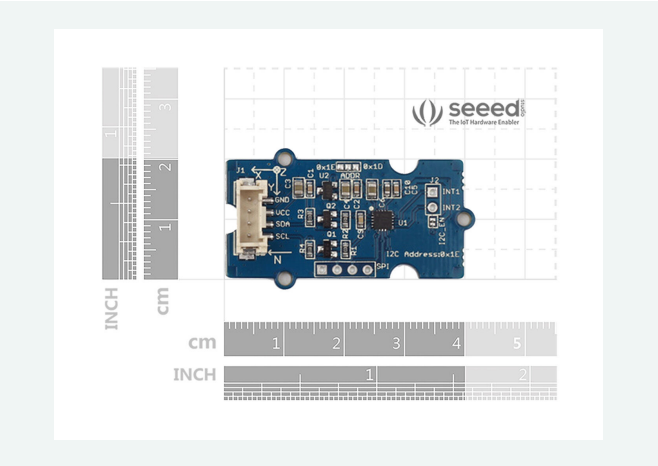
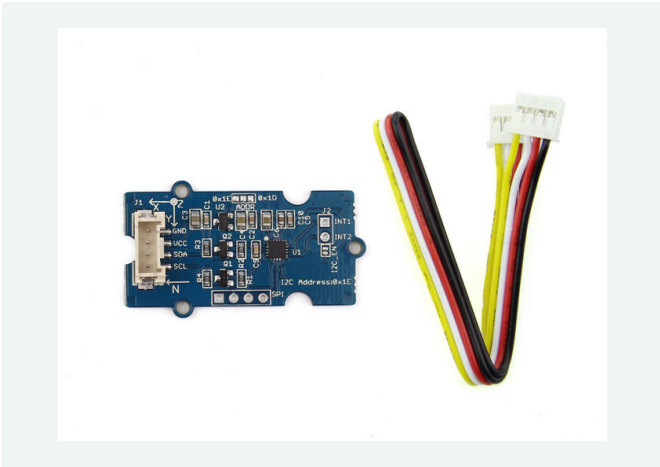
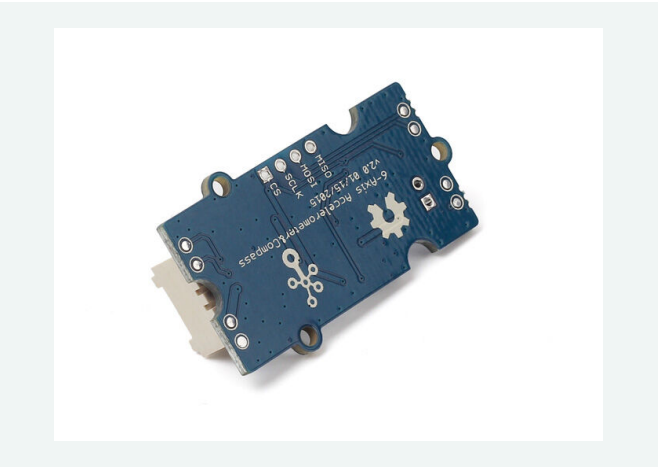
The Grove 6 – Axis Accelerometer&Compass v2 has 3 magnetic field channels and 3 acceleration channels, and 16-bit data output. It can be used easy with micro controller via I2C or SPI port.

This sensor can be configured to generate an interrupt signal for free-fall, motion detection and magnetic field detection.

Features:

- SPI / I2C interfaces
- Programmable interrupt
- Wide Full Scale Range
 - ±2/±4/±8/±12 gauss magnetic full scale
 - ±2/±4/±6/±8/±16g acceleration full scale
- Power-down mode / low-power mode

Product Gallery



Part List

Grove - 6-Axis Accelerometer&Compass v2.0	1
Grove Cable	1

Compliance & Logistics



HSCODE	9031900090
USHSCODE	9031902100
UPC	841454108795
EUHSCODE	9013101000
COO	CHINA

Resource Links

- <https://www.seeedstudio.com/Grove-6-Axis-Accelerometer-Compass-v2-0.html>
- [6-Axis Accelerometer&Compass v2.0 Library for arduino](#)
- [6-Axis Accelerometer&Compass v2.0 Library for raspberry pi](#)
- [LSM303D_datashet](#)
- [6-Axis Accelerometer&Compass v2.0 eagle file](#)

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