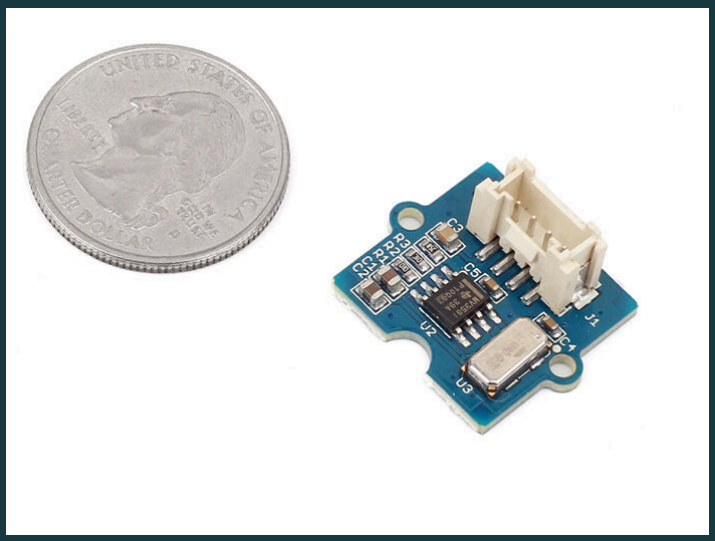
seeed studio

INDUSTRIAL PRODUCT DATASHEET

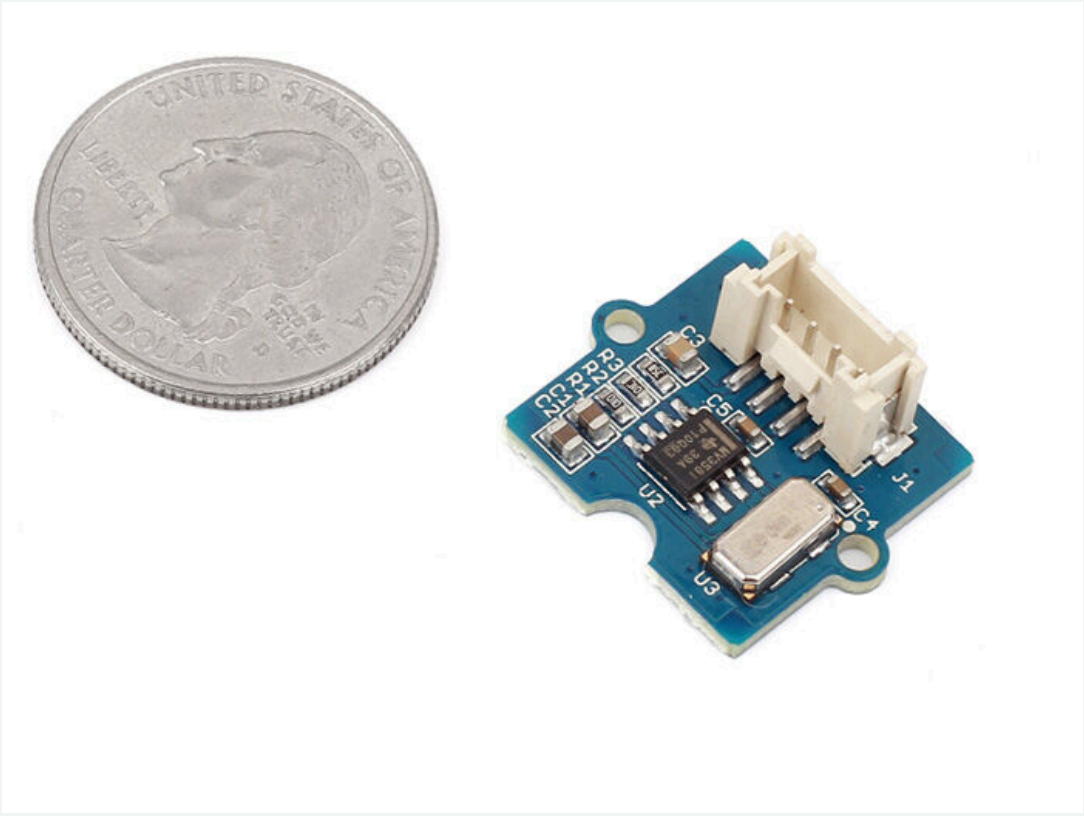
Grove - Single Axis Analog Gyro

Retired high-speed X-axis angular velocity gyro for self-balanced 2WD and attitude control.

SKU	UPDATED	PRICE
101020053	2024-08-09 02:09:56	$9.90(Excl. VAT)



Overview



The Grove - Single Axis Analog Gyro is a retired product; the Grove - 3-Axis Digital Gyro is recommended as an alternative. It measures X-axis angular velocity using an angular velocity sensor based on the Coriolis force, and is designed for position and attitude control in applications like self-balanced 2WD.

Key Features

This product is retired, please consider our **Grove - 3-Axis Digital Gyro** as your alternative choice.

The Grove – Signal Axis Analog Gyro is based on an angular velocity sensor that uses the phenomenon of Coriolis force. It can only measure the X-axis angular velocity, which is different from other 3-Axis gyro, but with a higher speed. It can be used for the position control and attitude control like the self-balanced 2WD.

Features

- Standard Grove Interface
- Light Weight
- High Speed
- Measure X-axis Angular Velocity

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.

Documents

Please visit our **wiki** page for more info about this product. It will be appreciated if you can help us improve the documents, add more demo code or tutorials. For technical support, please post your questions to our**forum**.

Resource Links

- **https://www.seeedstudio.com/Grove-Single-Axis-Analog-Gyro-p-1451.html**
- **Grove - Signal Axis Analog Gyro Eagle**
- **Grove - Signal Axis Analog Gyro Sch**
- **Grove - Signal Axis Analog Gyro PCB**
- **File Signal Axis Analog Gyro datasheet**
- **Demo code on github**

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com