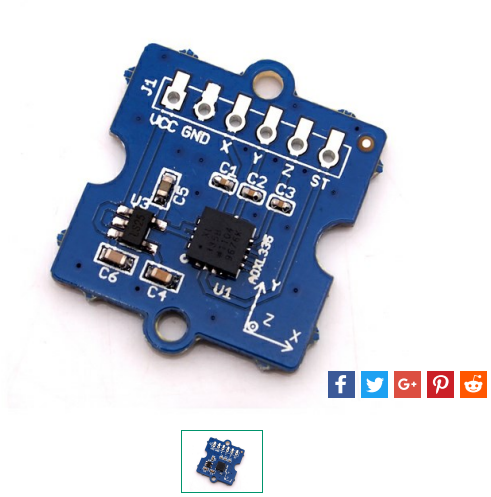

Grove - 3-Axis Analog Accelerometer

SKU 101020051

The ADXL335 is a small, thin, low power, complete 3-axis accelerometer with signal conditioned voltage outputs

IN STOCK 5 Available

Qty: 1

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Description

The ADXL335 is a small, thin, low power, complete 3-axis accelerometer with signal conditioned voltage outputs. The product measures acceleration with a minimum full-scale range of ±3 g.
The module was designed as breakout board because ADXL335's signal is analog(more ports requested),but the board outline is grove module that you can fix it convenient like others grove. The sensor combine 3.3 and 5V power supply,can be used in standard arduino device and seeeduino stalker.

Features

Wide power range DC3V to 5V
Grove module
3 axis sensing
Small, low-profile package: 4×4×1.45mm LFCSP
Low power 350μA at 3V (typical)
High sensitive
10,000 g shock survival
BW adjustment with a single capacitor per axis
RoHS/WEEE lead-free compliant

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 information 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.

See More

Questions and Answers

Have a question about this? Ask people who own it.

0

Hi would it be possible to get an output graph of voltage against force, i need this for my application of you product.

Daniel Easdon on Dec 07,2016

Reply | upvote (0)

Hi Daniel,

I am sorry that there's no graph of voltage against force, you can get the graph of voltage vs accelerator.

If I remember correctly, a = f/m, f = am (mass).

Documents

Wiki

Grove - 3-Axis Analog Accelerometer Ea...

Recommendations


Grove - 3-Axis Digital...


Base Shield V2

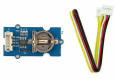

Grove - 3-Axis Digital...


Grove - Universal 4 Pin 20cm...


Grove - 3-Axis Digital Compass


Grove - Water Sensor


Grove - 3-Axis Digital Gyro


Grove - RTC


Grove - Ultrasonic Ranger


Grove - GPS

More details please refer to datasheet of the chip: http://wiki.seeedstudio.com/images/3/30/ADXL335_datasheet.pdf

Have fun.

ae on Dec 07,2016 09:42 AM

Reply | upvote (0)

0

What is the MINIMUM g that can be detected in a range of 50~100mV?

Taufique on Oct 19,2016

Reply | upvote (0)

Hi,the sensitive vulue is 0.01g.

Jacket Chen on Oct 20,2016 10:45 AM

Reply | upvote (0)

View History

Grove - Magnetic Switch

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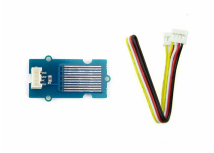

Grove - Water Sensor

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Grove - 3-Axis Digital Gyro

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Grove - Sound Sensor

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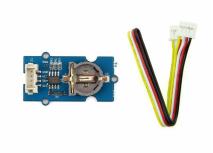

Grove - RTC

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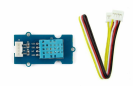
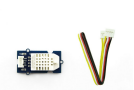
Grove - Moisture Sensor



Grove - Temperature & Humidity...



Grove - Temperature&Humidity...

Grove - Buzzer

Grove - Relay

Grove - PIR Motion Sensor

Grove - Infrared Temperature Sensor

Grove - Sound Sensor

Grove - Vibration Motor

Grove - Temperature Sensor

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