

## Grove - 3-Axis Digital Accelerometer(±400g)

SKU 101020071



IN STOCK 4 Available

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### Description

The H3LIS331DL is a low power high performance 3-axis linear accelerometer belonging to the “nano” family, with digital I2C serial interface standard output. The device features ultra low power operational modes that allow advanced power saving and smart sleep to wake-up functions. The H3LIS331DL has dynamically user selectable full scales of ±100g/±200 g/±400 g and it is capable of measuring accelerations with output data rates from 0.5 Hz to 1 kHz.

#### Features

- Wide power range DC3.3V to 5V
- Grove outline
- 3 axis sensing
- Small, low-profile package: 3×3×1mm TFLGA
- Low power 300μA at 3.3V (typical)
- ±100g /±200 g /±400 g dynamically selectable full scale
- I2C digital output interface
- 10000 g high shock survivability
- ECOPACK®RoHS and “Green” compliant

#### 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](#).

### Best-sellers



Grove - 3-Axis Digital Acce...



Grove - Piezo Vibration Se...



Grove - 4 pin Female Jump...



Grove - 3-Axis Digital Gyro

### Technical Details

Dimensions	100mm x 60mm x 11mm
Weight	G.W 8g
Battery	Exclude

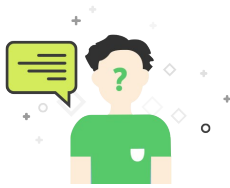
#### Documents

- Wiki

- [github repository for 3-Axis Digital Accelerometer\(±400g\)](#)
- [Grove - 3-Axis Digital Accelerometer\(±400g\) Eagle File](#)

## Questions and Answers

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



## View History



Grove - Magnetic Switch



Grove - 3-Axis Digital Gyro



Grove - 3-Axis Digital Com...



Grove - Alcohol Sensor

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