

## Grove - 3-Axis Digital Accelerometer( $\pm 400g$ )

SKU 101020071

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  $\pm 100g/\pm 200g/\pm 400g$  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 10 $\mu$ A at 3.3V (typical)
- $\pm 100g/\pm 200g/\pm 400g$  dynamically selectable full scale
- I2C digital output interface
- 10000 g high shock survivability
- ECOPACK®RoHS and “Green” compliant

## Technical details

Dimensions	100mm x60mm x11mm
Weight	G.W 9g
Battery	Exclude

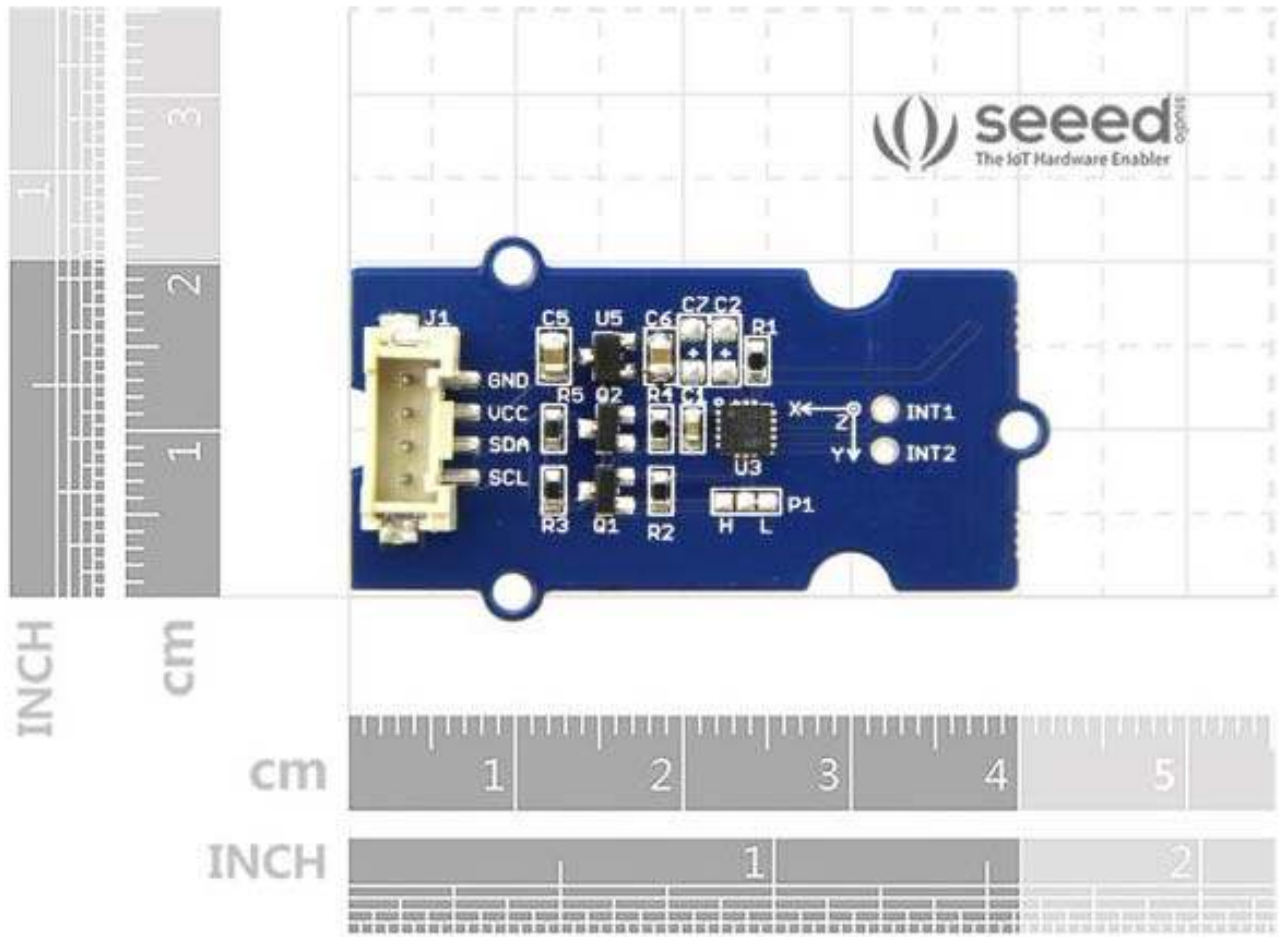
## Part List

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## ECCN/HTS

ECCN	7A994
HSCODE	9031900090
USHSCODE	90230000
UPC	841454108863
ROHS	1





<https://www.seeedstudio.com/Grove-3-Axis-Digital-Accelerometer-400g-p-1897.html/6-14-19>