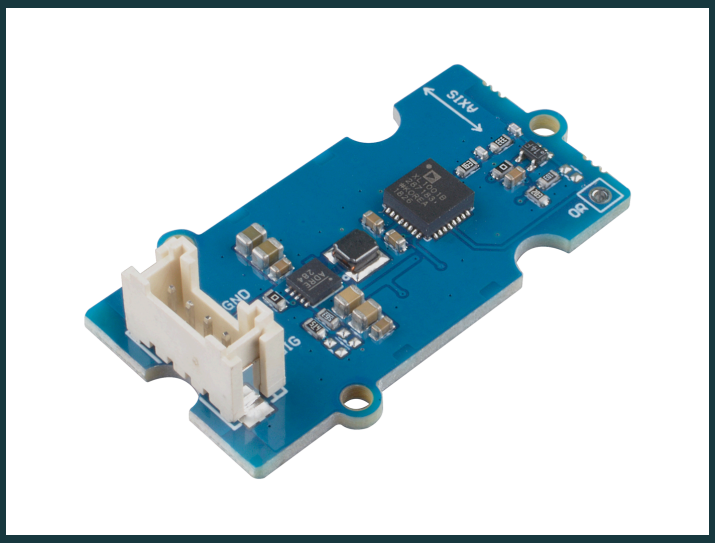
seeed studio

INDUSTRIAL PRODUCT DATASHEET

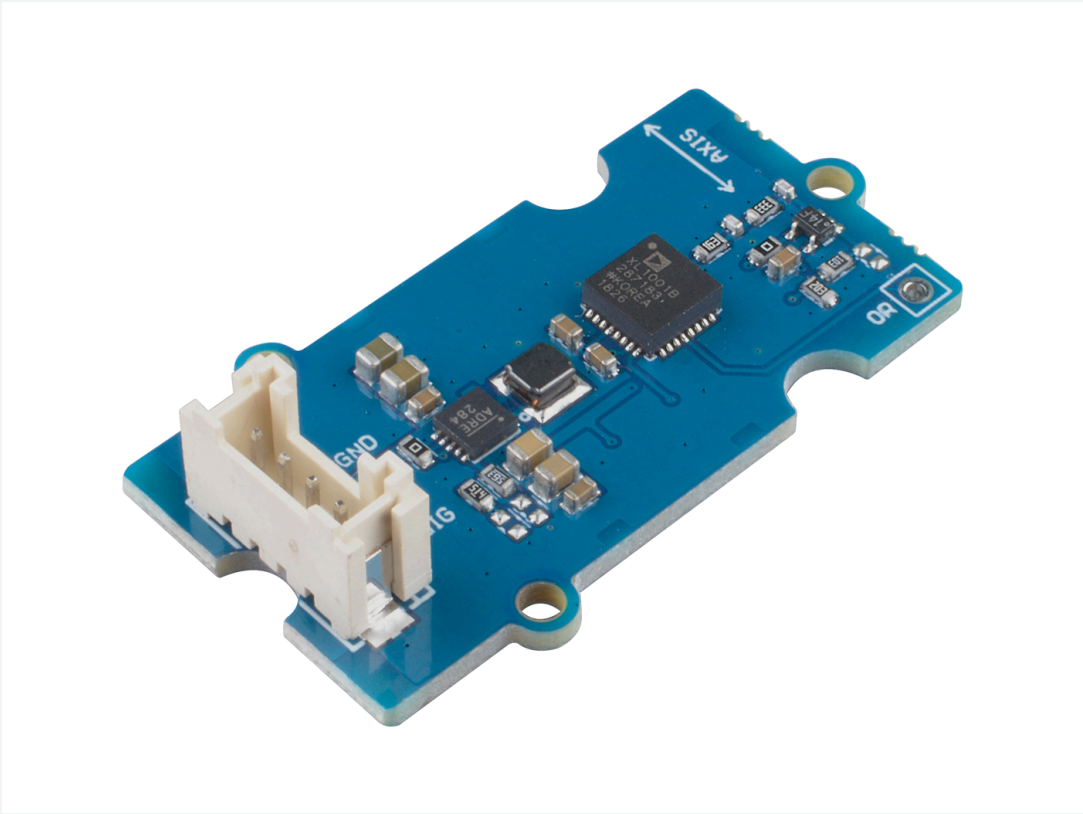
Grove - Single Axis Analog Accelerometer ±100g (ADXL1001)

The Grove - Single Axis Analog Accelerometer ±100g (ADXL1001) is a ultralow noise, high frequency, high G MEMS accelerometers

SKU	UPDATED	PRICE
101020633	2026-11-11 08:14:08	$86.80(Excl. VAT)



Overview



The Grove - Single Axis Analog Accelerometer ±100g (ADXL1001) is a ultralow noise, high frequency, high G MEMS accelerometers

Key Features

01 **Single in plane axis accelerometer with analog output**

02 **Linear frequency response range from dc to 11 kHz (3 dB point), resonant frequency of 21 kHz**

03 **Ultralow noise density**

30 μg/√Hz in ±100g range

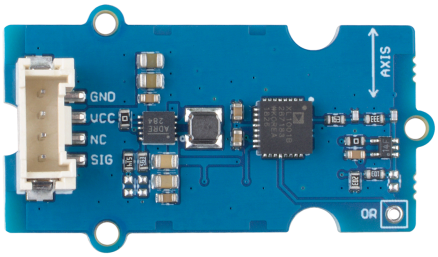
04 **Complete electromechanical self-test**

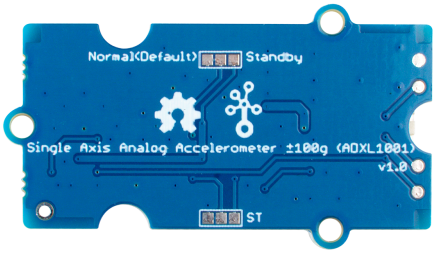
05 **Linearity to ±0.1% of full-scale range**

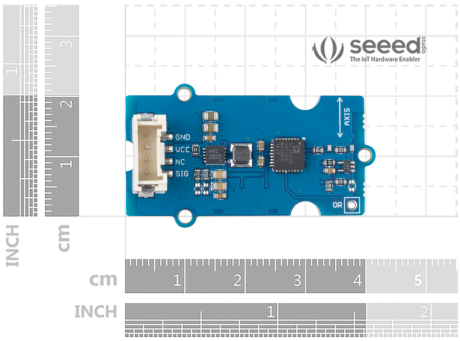
06 **Sensitivity stability over temperature 5%**

07 **Cross axis sensitivity ±1% (ZX), ±1% (YX)**

Product Gallery







Applications

- Condition monitoring
- Predictive maintenance
- Asset health
- Test and measurement
- Health usage monitoring system (HUMS)

Resource Links

- https://www.seeedstudio.com/Grove-Single-Axis-Analog-Accelerometer-100g-ADXL1001-p-4035.html

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