

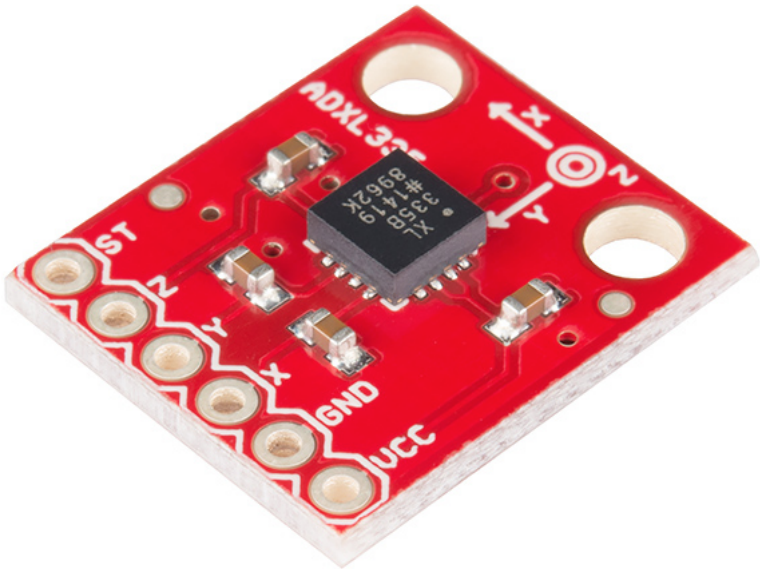
It is that time again! SparkFun Electronics will be closed Friday, January 13th for our annual inventory day. Please keep in mind that any orders placed after 2PM (Mountain Time) on Thursday, January 12th will not ship or be prepared for local pickup until we open for normal operations on Monday, January 16th. In addition, tours will resume on Friday, January 20th. Thank you for your patience! ✕



SparkFun Triple Axis Accelerometer Breakout - ADXL335

SEN-09269 ROHS

★★★★☆ 5



\$14.95

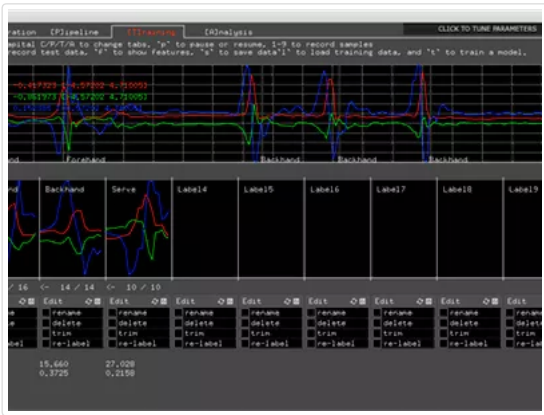
1	quantity
<input checked="" type="radio"/>	130 in stock
\$14.95	1+ units
\$14.20	10+ units
\$13.46	25+ units
\$12.71	100+ units

Need larger quantities?
Check out our Volume Sales program

3D Download: STL, Blender

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SparkFun Triple Axis Accelerometer Breakout - ADXL335
project on



Gesture Recognition Using Accelerometer and ESP

by mellis

Description: Breakout board for the 3 axis ADXL335 from Analog Devices. This is the latest in a long, proven line of analog sensors - the holy grail of accelerometers. The ADXL335 is a triple axis MEMS accelerometer with extremely low noise and power consumption - only 320uA! The sensor has a full sensing range of +/-3g.

There is no on-board regulation, provided power should be between 1.8 and 3.6VDC.

Board comes fully assembled and tested with external components installed. The included 0.1uF capacitors set the bandwidth of each axis to 50Hz.

Not sure which accelerometer is right for you? Our Accelerometer and Gyro Buying Guide might help!

Dimensions: 0.7x0.7"

Documents:

- Schematic
- Eagle Files
- Datasheet (ADXL335)
- Wiring Example
- Bildr Example
- 3D cube project using a PIC
- GitHub

Recommended Products



SPARKFUN RECOMMENDED
SparkFun Sensor Kit
DEV-13754
\$129.95
★★★★☆ 1



SPARKFUN RECOMMENDED
Break Away Headers - Straight
PRT-00116
\$1.50
★★★★☆ 20



SPARKFUN RECOMMENDED
SparkFun Triple Axis Accelerometer Breakout - LIS3DH
SEN-13963
\$4.95



SPARKFUN RECOMMENDED
LilyPad Accelerometer ADXL335
DEV-09267
\$14.95
★★★★★ 1

COMMENTS 51 **REVIEWS ★★★★★ 5**

Customer Reviews

★★★★☆ 4.8 out of 5

Based on 5 ratings:

5 star	4
4 star	1
3 star	0
2 star	0
1 star	0

2 of 2 found this helpful:

★★★★★ Protects an antique clock
last year by Member #275370 verified purchaser

I live in California and this little unit along with an Arduino Pro Mini and an airplane servo motor is now an earthquake detector that locks down the pendulum of an antique clock at the first hint of a temblor. Works great.

1 of 1 found this helpful:

★★★★☆ You can't solder the chip using an iron

about 2 years ago by Member #365049 ✓ verified purchaser

So the BOB is ideal for prototyping.

★★★★★ Easy to set up and clear support

about 9 months ago by Member #471751 ✓ verified purchaser

This tiny board is easy to use, and comes with clear support from Sparkfun. If you need help, just go to the product page and all the information is available, from specifications, to typical wiring connections. This is a basic 3 axis design and can used with your 3 volt arduino projects.

★★★★★ worked perfectly in near-space

about 6 months ago by KevCarrico ✓ verified purchaser

this did exactly what was needed at 90,000 feet and beyond.

wasn't potted, no conformal coatings... not sealed from the elements at all. operated properly from +75°F to -60°F and back in two hours without issue.

highly recommended.

★★★★★ Goodie

last year by Fezder ✓ verified purchaser

Easy to use, analog output accelerometer. Sensitivity is orientation depended, check datasheet and experiment. Screwholes are nice.
