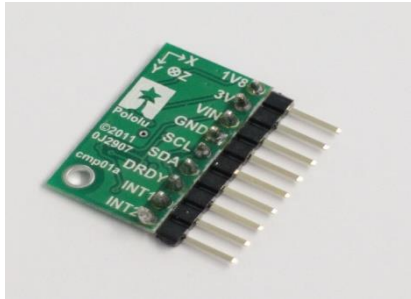


Accelerometer



An accelerometer is an electromechanical device that measures acceleration forces. These forces may be static - like gravity - or dynamic - caused by moving or vibrating the accelerometer. It senses acceleration over (x,y,z) axes and returns a value that it is usually used to describe the orientation of an artefact.

An accelerometer can help your project to understand its surroundings better. Is it driving uphill? Is it going to fall over when it takes another step?

[Here](#) you can find a beginner's guide to accelerometers and [there](#) you can read a 5 min. tutorial about accelerometer.

Check out the video [How an accelerometer works!](#) for more information.

This [Arduino tutorial](#) shows you how to read from the ADXL3xx series.

The [Arduino project hub](#) gives you 27 suggestions how to use accelerometer in your projects.



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