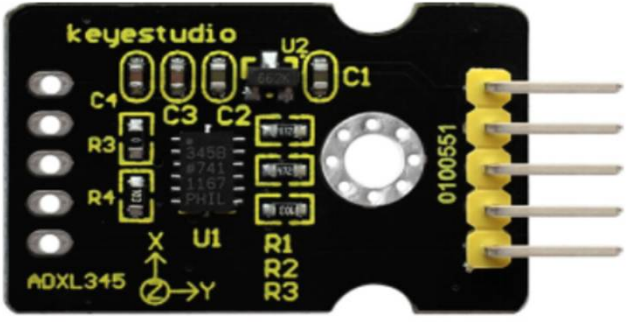
Ks0012 keyestudio ADXL345 Three Axis Acceleration Module

Introduction:

The ADXL345 is a small, thin, low power, 3-axis MEMS accelerometer with high resolution (13-bit) measurement at up to +-16 g. Digital output data is formatted as 16-bit twos complement and is accessible through either a SPI (3- or 4-wire) or I2C digital interface.

The ADXL345 is well suited to measure the static acceleration of gravity in tilt-sensing applications, as well as dynamic acceleration resulting from motion or shock. Its high resolution (4 mg/LSB) enables measurement of inclination changes less than 1.0 degrees.



Specification:

2.0-3.6VDC Supply Voltage
Ultra Low Power: 40uA in measurement mode, 0.1uA stby@ 2.5V
Tap/Double Tap Detection
Free-Fall Detection
SPI and I2C Interface

More info at KEYESTUDIO
https://wiki.keyestudio.com/Ks0012_keyestudio_ADXL345_Three_Axis_Acceleration_Module

 http://www.keyestudio.com