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## Sensor Module 3 Axis Accelerometer And 3 Axis Magnetometer

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## Accelerometer And 3 Axis

Magnetometer

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3-axis Xtrinsic Acceleration Sensors

Measure Acceleration using a 3-Axis

Accelerometer RoBoard Sensor

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Module RM-G144 accelerometer  
demo How MEMS Accelerometer  
Gyroscope Magnetometer Work  
/u0026 Arduino Tutorial GY-61  
DXL335 3-AXIS ACCELEROMETER  
MODULE How an accelerometer  
works! Vibration Sensor  
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~~Gyroscope Precession and 3 Axis  
Gyroscopes Keeping balance with a  
Magnetometer  
gyroscope~~

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Arduino Accelerometer using the  
ADXL345 Tutorial: Gyroscope and  
Accelerometer (GY-521/MPU6050)  
with Arduino | UATS A /u0026S #12  
Simple Guide on Accelorometer,



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Magnetometer, Digital Gyro, GPS,  
Barometer Pros and Cons DIY 3axis  
gimbal project - MPU6050 sensor  
with servo test Code an Arduino IMU  
Sensor with an Arduino Uno

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GY-291 ADXL345 3-axis

Accelerometer Module Sensor 9-Axis

IMU LESSON 6: Determine Tilt From

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~~3-axis Accelerometer GY-61 ADXL335~~  
~~3-Axis Accelerometer Module 3-Axis~~  
~~Accelerometer sensor test (BMA150)~~  
~~10DOF click - Example Ep. 57 Arduino~~  
~~Accelerometer /u0026 Gyroscope~~  
~~Tutorial MPU-6050 6DOF Module~~  
~~9DOF click - Example BeagleBone~~  
~~Black LIS3DHTR 3-Axis Accelerometer~~

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## 'C' Code Tutorial

### Sensor Module 3 Axis Accelerometer

The 3-axis accelerometer module carries an MMA7361 chip from Freescale. The MMA7361 operates in 2 selectable sensitivity modes, +/- 1.5g, and 6g. The sensor board defaults to 1.5g. Add the shunt or use

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## Module 3 Axis

the GS pin for software selection of 6g sensitivity. The 3-Axis Accelerometer sensor will operate between 2.2 and 6 volts.

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3-Axis Accelerometer Module -  
Modern Device

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MPU-6050 chip - 3 Axis  
Gyroscope + 3 Axis  
Accelerometer Sensor Module

Gyroscope range:  $\pm$  250 500 1000 2000  
 $^{\circ}$  / sec(dps)and provide the I2C serial  
interface.a separate VLOGIC reference  
pin Working voltage :3-5V (internal  
low dropout regulator) Chip built-in

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16bit AD converter, 16-bit data  
output standard IIC communications  
protocol

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Amazon.com: Aukru MPU-6050  
Sensor Module, MPU 6050 3 Axis ...  
ZYAMY GY-521 MPU-6050 Sensor

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Module for Arduino DIY Kit 3 Axis  
Analog Gyroscope Sensors + 3 Axis  
Accelerometer 6DOF Module with  
Pins 3-5V DC MPU6050 5.0 out of 5  
stars5 \$4.99\$4.99 Get it as soon as  
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MMA8452 Three Axis Accelerator  
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Sensor Module for Arduino UNO Rev3  
Micro-Control. \$1.37 + \$2.49 shipping  
. APDS-9930 16-Bit RGB and Gesture



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Sensor Proximity Detector Sensor for  
Arduino. \$1.24

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MMA8452 Three Axis Accelerator  
Accelerometer Sensor Module ...

The Makeblock Me 3-Axis

Accelerometer and Gyro Sensor is a

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motion processing module that can use to measure the angular rate and the acceleration information of your robot. The Me 3-Axis Accelerometer and Gyro Sensor is based on MPU-6050 that combines a 3-axis gyroscope, 3-axis accelerometer, and a Digital Motion Processor™ (DMP)

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Makeblock Me 3-Axis Accelerometer  
and Gyro Sensor

Buy Tri-Axis Gyroscope, Tri-Axis  
Accelerometer MEMS Modules.

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support.

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Tri-Axis Gyroscope, Tri-Axis  
Accelerometer MEMS Modules ...  
The MPU-9250 combines a 3-axis

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accelerometer, a 3-axis gyroscope and a 3-axis magnetometer with an on-board Digital Motion Processor (DMP) all packaged in a high performance small module.

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MPU-9250 3-Axis Accelerometer,

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Gyroscope & Magnetometer... Axis

Sensor Chip: ADXL335. Operating voltage: 1.8V 5V. Supply Current: 350A. Interface: Analogue output. Dimensions (L\*W\*H):0.8 x 0.6 x 0.4 inch. Three-axis accelerometer module magnetic field. Compact size, low supply voltage. Package

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Included : 1\*GY-61 ADXL335 3-axis  
Analog Output Accelerometer  
Angular Sensor Module

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HiLetgo ADXL335 3-Axis  
Accelerometer Angular Transducer ...  
MPU6050 Module. MPU6050 sensor

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module is complete 6-axis Motion Tracking Device. It combines 3-axis Gyroscope, 3-axis Accelerometer and Digital Motion Processor all in small package. Also, it has additional feature of on-chip Temperature sensor. It has I2C bus interface to communicate with the



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MPU6050 (Gyroscope +  
Accelerometer + Temperature)  
Sensor ...

An accelerometer is a tool that  
measures proper acceleration. Proper

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Acceleration is the acceleration (the rate of change of velocity) of a body in its own instantaneous rest frame; this is different from coordinate acceleration, which is acceleration in a fixed coordinate system. For example, an accelerometer at rest on the surface of the Earth will measure

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an accelerometer due to Earth's ... Axis  
Magnetometer

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Accelerometer - Wikipedia

Learn How to interface MPU6050  
Accelerometer Gyroscope Module  
with Arduino. using MPU6050 Module  
example code, circuit, pinout library

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Interfacing GY-521 MPU6050 3-Axis  
Accelerometer Gyroscope ...

Sensor module: 3-axis accelerometer  
and 3-axis magnetometer Features

Analog supply voltage: 2.5 V to 3.3 V

Digital supply voltage IOs: 1.8 V

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Power-down mode 3 magnetic field channels and 3 acceleration channels  
 $\pm 1.3$  to  $\pm 8,1$  gauss magnetic field full-scale  $\pm 2$  g/  $\pm 4$  g/  $\pm 8$  g dynamically selectable full-scale 16-bit data out

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Sensor module: 3-axis accelerometer

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and 3-axis magnetometer

Here is an introduction to MMA7361,  
which is a long-familiar 3-Axis

Accelerometer Module! This sensor  
can measure static (earth gravity) or  
dynamic acceleration in all three axis.  
Application of the sensor is in various  
fields and many applications can be

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MMA7361 Tutorial 3-Axis

Accelerometer Module

The ADXL335 Module 3-axis Analog  
Output Accelerometer measures  
acceleration with a minimum full-

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## Module 3 Axis

scale range of  $\pm 3$  g. It can measure the static acceleration of gravity in tilt-sensing applications, as well as dynamic acceleration resulting from motion, shock, or vibration.

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ADXL335 Module 3-axis Analog

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## Output Accelerometer And 3 Axis

Description The MPU6050 contains both a 3-Axis Gyroscope and a 3-Axis accelerometer allowing measurements of both independently, but all based around the same axes, thus eliminating the problems of cross-axis errors when

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GY-521 MPU6050 3-Axis Acceleration  
Gyroscope 6DOF Module ...

LIS2HH12 module is based off the ST  
3-Axis accelerometer. The module is  
a tiny package and allows for 2 5-pin

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headers to be soldered to it. This mitigates vibration noise that is introduced to the accelerometer. from external sources of varying frequencies. You can buy this chip from these locations:

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3 Axis Accelerometer LIS2HH12 Axis

Module : 10 Steps (with ...

Accelerometer Sensor Module is a 3-axis acceleration sensor. It utilizes the Analog Device ADXL345 providing a high resolution measurement of up to +/- 16 g. The accelerometer measures the static

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acceleration of gravity in tilt-sensing applications, as well as dynamic acceleration resolution from motion or shock.

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Accelerometer Sensor Module -  
Arduino Compatible Products

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It integrates a 3-axis gyroscope, a 3-axis accelerator, and a digital motion processor (DMP) hardware acceleration engine that can be connected to other brands of accelerators, magnetic sensors, or other sensors via a second I2C port.

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Amazon.com: Ximimark 5Pcs GY-521  
MPU-6050 Module 3 Axis ...

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sensor module Save this search.

Shipping to 98052: Items in search  
results. Durable MPU-6050 3 Axis  
Accelerometer Gyro Sensor Module

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GY-521 for Arduino US. C \$1.60; Buy It  
Now +C \$0.08 shipping; 115 Sold.  
From China; SPONSORED. 3pcs G-521  
MPU-6050 Module 3 Axis 6 DOF  
Gyroscope Accelerometer Arduino IIS  
OIS ...



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