

6DOF MPU-6050 3 Axis Gyro With Accelerometer Sensor Module For Arduino

Module: MPU-6050

Description:

Name: MPU-6050 module (three-axis gyroscope + triaxial accelerometer)

2.54mm pin spacing

MPU-6050 Accelerometer + Gyro

The MPU-6050 sensor contains a MEMS accelerometer and a MEMS gyro in a single chip. It is very accurate, since it contains 16-bits analog to digital conversion hardware for each channel. Therefore it captures the x, y, and z channel at the same time.

Specification:

16bit AD converter-chip, 16-bit data output

Use Chip: MPU-6050

Power supply :3-5v (internal low dropout regulator)

Communication: IIC communication protocol standard

Gyro Range: ± 250 500 1000 2000 ° / s

Acceleration range: ± 2 ± 4 ± 8 ± 16 g

Using Immersion Gold PCB, welding machines to ensure quality Size: 2 x 1.6 x 0.1mm

Application:

Motion sensing games

Augmented Reality

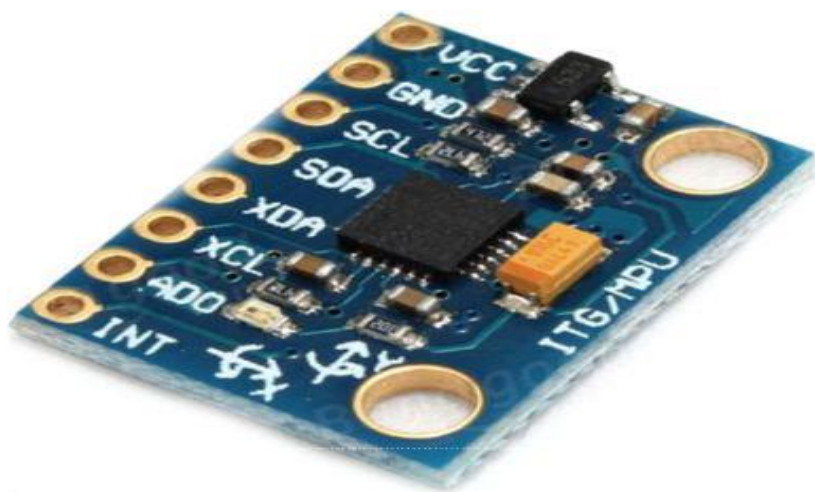
Electronic Image Stabilization (EIS: Electronic Image Stabilization)

Optical Image Stabilization (OIS: Optical Image Stabilization)

"Zero-touch" gestures User Interface

Pedestrian navigation

Gesture shortcuts



For more info see: <https://playground.arduino.cc/Main/MPU-6050>

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