

MPU-6050 3-Axis Accelerometer and Gyro Sensor

Slug: mpu-6050-3-axis-accelerometer-and-gyro-sensor-2



TECHNICAL SPECIFICATIONS & SUMMARY

[Accelerometer and Gyro Sensor] The MPU-6050 3-Axis Accelerometer and Gyro Sensor module use MPU-6050 which is a little piece of motion processing tech. The MPU6050 datasheet is available in the attachment section to get this visit. There are different types of magnetometer are available the basic differences between MPU6000, MPU6050 and MPU6500 is: MPU6000 MPU6050 MPU6500 1. A sampling rate of 8 kHz. 1. A sampling rate of 8 kHz. 1. A sampling rate of 32 kHz. 2. Supports SPI and I2C interface. But I2C is too slow to handle 8 kHz gyro update. 2. Supports I2C interface communication protocol. 2. Supports both I2C and SPI interface. 3. Vibration Sensitivity is better than MPU6500. 3. Vibration Sensitivity is better than MPU6500 but the speed of operation is less than MPU6000. 3. It is more susceptible to vibrations, so the need for some vibration isolation methods. It is faster than both MPU. The MPU6050 devices combine a 3-axis gyroscope and a 3-axis accelerometer on the same silicon together with an onboard Digital Motion Processor (DMP) capable of processing

UNIT PRICE (EX. GST)

Rs. 189

WITH 18% GST

Rs. 223

In stock: 10 units - HSN: 85423100

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