

## OKY3231-3

**Product Name:** Y-52 MPU-6050 Module 6-axis Acceleration Sensor Gyroscope Sensor

**Product Module:** OKY3231-3

### Product Description:

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

Use chip: MPU-6050

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

Communication: standard IIC communication protocol

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

Gyroscopes range:  $\pm 250$   $500$   $1000$   $2000$   $^{\circ} / s$

Acceleration range:  $\pm 2$   $\pm 4$   $\pm 8$   $\pm 16g$

Using Immersion Gold PCB, machine welding process to ensure quality

2.54mm pitch

### Features:

1. Features Chip: MPU-6050; Power supply :3-5V (internal low dropout regulator);
2. Communication modes: standard IIC communication protocol; Chip 16bit AD converter, 16-bit data output; The gyroscopes range: +/- 250 500 1000 2000 degree / s; Acceleration
3. range: +/- 2 +/- 4 +/- 8 +/- 16g; 2.45mm pin pitch
4. Application Motion sensing game; Augmented Reality; Electronic Image Stabilization (EIS: Electronic Image Stabilization); Optical image stabilization (OIS: Optical Image Stabilization) Pedestrian Navigator; Zero-touch gesture user interface; The postures quick way; Perfect for smart phone; tablet device equipment; hand held games; 3D remote control; portable navigation devices
5. Packing List 1 x Module
  - 1 x Straight 2.45mm 8-pin header
  - 1 x Right angle 2.45mm 8-pin header
6. Dimensions: 0.91 in x 0.91 in x 0.08 in (2.3 cm x 2.3 cm x 0.2 cm)
7. Weight: 1.09 oz (31 g)

### Package Included

1PCS X Y-52 MPU-6050 module 6-axis acceleration sensor gyroscope Sensor

