

## **GY-61 ADXL335 3-Axis Accelerometer Module**



**GY-61 ADXL335 3-Axis Accelerometer Module** is a three axis accelerometer sensor module based on ADXL335 integrated circuit. The ADXL335 is a triple axis accelerometer with extremely low noise and power consumption. The sensor has a full sensing range of  $\pm 3g$ . It can measure the static acceleration of gravity in tilt-sensing applications, as well as dynamic acceleration resulting from motion, shock, or vibration.

There is an on-board 3.3V voltage regulator to power the ADXL335 so power provided should be between 3.3V and 6V DC.

Model : GY-61  
Three-axis magnetic field accelerometer module  
Compact size, low power supply  
Used for game systems, mobile devices, etc

### **General Specifications**

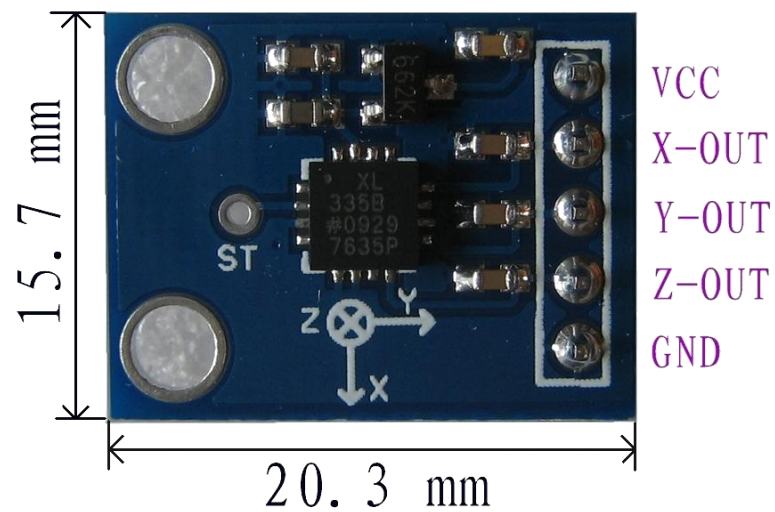
- ADXL335 3-axis Accelerometer
- On-board 3.3V Voltage Regulator
- Analog voltage output centered at 1.65V
- Suitable for connection to 5V and 3.3V systems

### **Technical Specifications**

- |                           |   |                        |
|---------------------------|---|------------------------|
| • Sensor Chip             | : | ADXL335                |
| • Operating Voltage Range | : | 3V ~ 5V                |
| • Supply Current          | : | 400uA                  |
| • Interface               | : | Analog quantity output |
| • Full scale range        | : | $\pm 3g$               |
| • Operating Temperature   | : | -40'C~ +85'C           |

- Sensitivity : 300mv /g;
- Sensitivity of accuracy (%) : +/- 10
- Application : Various electronic products or DIY project
- Material : PCB + Brass
- Dimensions : 21 x 16 x 10 mm / 0.83 x 0.63 x 0.39 inch
- Weight : 2 g / 0.07 oz
- Color : Blue

## Dimensions



## Pin Definitions:

1. VCC: 3.3V or 5V
2. X\_OUT: Analog Output
3. Y\_OUT: Analog Output
4. Z\_OUT: Analog Output
5. GND: Ground