GY-61 ADXL335 3-Axis Accelerometer Module

GY-61 DXL335 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 +/-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

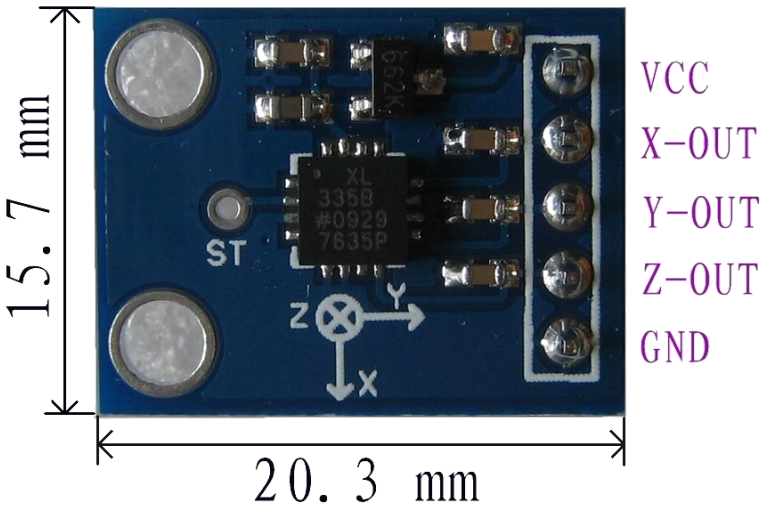
- ADXL335 3-axis Accelerometer
- On-board 3.3V Voltage Regulator
- Analog voltage output centered at 1.65V
- Suitable for connection to 5V and 3.3V systems

Technical Specifications

- Sensor Chip : ADXL335
- Operating Voltage Range : 3V ~ 5V
- Supply Current : 400uA
- Interface : Analog quantity output
- Full scale range : +/-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