

MEMS Accelerometer, 3-Axis, Digital, X, Y, Z, $\pm 2g \pm 6g$, 2.16 V, 3.6 V, LGA

Manufacturers	STMicroelectronics, Inc
Package/Case	LGA16
Product Type	Motion & Position Sensors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LIS3LV02DL or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LIS3LV02DL is a three-axis accelerometer sensor manufactured by STMicroelectronics. It is a low-power, high-performance MEMS accelerometer that can measure acceleration in three directions (X, Y, and Z).

Features

- Sensitivity range of $\pm 2g/\pm 6g$
- Low power consumption
- Digital output via I2C or SPI interface
- Built-in self-test capability
- Operating voltage range of 2.4V to 3.6V
- Temperature range of -40°C to $+85^{\circ}\text{C}$
- Small package size (4x4x1.5mm)

Application

- Motion sensing and detection in consumer electronics (e.g. mobile phones, tablets, gaming devices)
- Tilt sensing and vibration monitoring in industrial applications
- Navigation and stabilization in automotive and aerospace applications
- Impact detection and measurement in sports and healthcare devices



Related Products



[LIS3DSHTR](#)

STMicroelectronics, Inc
LGA-16



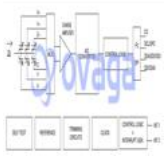
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STMicroelectronics, Inc
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