

MEMS Accelerometer, 3-Axis, Digital, X, Y, Z,  $\pm 2g$ ,  $\pm 8g$ , 2.16 V, 3.6 V, LGA

Manufacturers	<a href="#">STMicroelectronics, Inc</a>
Package/Case	LGA-14
Product Type	Motion & Position Sensors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for LIS302DL or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

LIS302DL is a three-axis accelerometer sensor produced by STMicroelectronics, which is used to measure acceleration or tilt in three perpendicular axes. Here are some of its features:

### Features

- Three-axis sensing with selectable full-scale range:  $\pm 2g/\pm 8g$
- High-speed I2C/SPI digital interface
- Low-power consumption
- 16-bit data output
- Embedded temperature sensor
- Power-down and sleep modes for smart power management

### Application

- Motion sensing for gaming and virtual reality
- Vibration monitoring for industrial equipment and machinery
- Tilt sensing for mobile devices and tablets
- Anti-theft systems for laptops and portable devices
- Inertial navigation systems for unmanned aerial vehicles (UAVs)



## Related Products



### [LIS3DSHTR](#)

STMicroelectronics, Inc  
LGA-16



### [LIS244AL](#)

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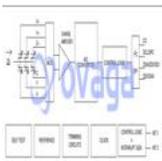
### [LIS3LV02DQ](#)

STMicroelectronics, Inc  
QFPN-28



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### [LIS331DLMTR](#)

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