

3AXIS ACCELEROMETER, 2G/6G, QFN-28, MEMS Sensor Output:Digital, Measurement Axis:X, Y, Z, Acceleration Range: 2g, 6g, Supply Voltage Min:2.16V, Supply Voltage Max:3.6V

Manufacturers	STMicroelectronics, Inc
Package/Case	QFPN-28
Product Type	Motion & Position Sensors
RoHS	Green
Lifecycle	



Images are for reference only

Please submit RFQ for LIS3LV02DQ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

LIS3LV02DQ is a tri-axis accelerometer sensor manufactured by STMicroelectronics, which is a popular and well-known electronic components manufacturer.

Features

It is a low-power, high-performance accelerometer capable of measuring acceleration in three dimensions (X, Y, and Z)

It has a full-scale range of $\pm 2g/\pm 6g$ and can measure acceleration with a sensitivity of up to 6mg/LSB

It has an embedded self-test capability

It operates with a wide voltage range of 2.4V to 3.6V and is designed for low-power consumption, making it suitable for portable and battery-powered applications

It features an I2C/SPI digital interface, making it easy to interface with a microcontroller or other digital systems.

Application

Motion sensing and detection in consumer electronics such as smartphones, tablets, and gaming controllers

Navigation and position sensing in automotive and aerospace applications

Vibration and shock detection in industrial equipment and machinery

Tilt sensing and orientation detection in robotics and drones.





Related Products



[LIS3DSHTR](#)

STMicroelectronics, Inc
LGA-16



[LIS244AL](#)

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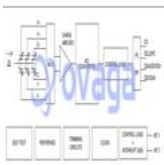
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STMicroelectronics, Inc
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LGA16



[LIS331DLMTR](#)

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LGA16



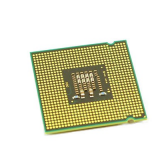
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