

Xtrinsic MMA8653FC 3-Axis, 10-bit Digital Accelerometer

Manufacturers	NXP Semiconductor
Package/Case	DFN-10
Product Type	Motion & Position Sensors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MMA8653FCR1 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

RFQ

General Description

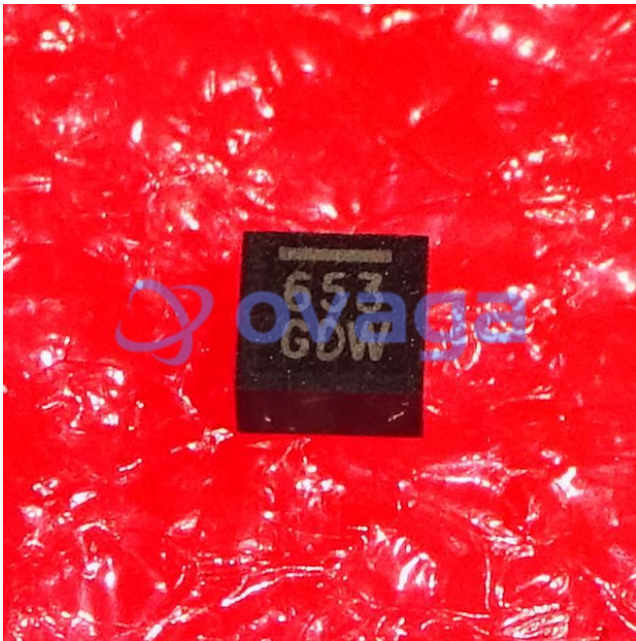
MMA8653FCR1 is a low-power, high-performance, 3-axis accelerometer sensor manufactured by NXP Semiconductors. This sensor is designed for various applications, including automotive, consumer electronics, and industrial applications.

Features

- Low power consumption
- 10-bit to 12-bit resolution
- Digital-output accelerometer with programmable features
- User-selectable full-scale range of ± 2 g, ± 4 g, or ± 8 g
- User-selectable high-pass filter data output rates
- I2C and SPI digital interfaces
- Operating voltage range of 1.95 V to 3.6 V

Application

- Gaming and virtual reality
- Motion detection and tracking
- Fitness monitoring and activity tracking
- Smartphones and tablets
- Navigation and tilt sensing
- Industrial vibration monitoring



Related Products



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QFN-16



[MMA7455LR1](#)

NXP Semiconductor
LGA-14



[MMA6813BKCWR2](#)

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