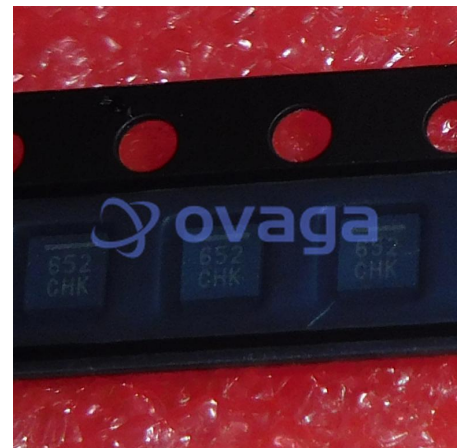


Xtrinsic MMA8652FC 3-Axis, 12-bit Digital Accelerometer

| | |
|---------------|-----------------------------------|
| Manufacturers | NXP Semiconductor |
| Package/Case | DFN-10 |
| Product Type | Integrated Circuits (ICs) |
| RoHS | |
| Lifecycle | |



Images are for reference only

Please submit RFQ for MMA8652FC or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MMA8652FC is a 3-axis accelerometer sensor manufactured by NXP Semiconductors. It is designed to detect acceleration, tilt, and motion in various industrial and consumer applications.

Features

- 3-axis accelerometer sensor
- 10-bit and 12-bit selectable resolution
- Low-power consumption
- Digital output via I2C interface
- User-configurable interrupt engine
- $\pm 2g/\pm 4g/\pm 8g$ dynamic range options
- Operating voltage range: 1.95V to 3.6V

Application

- Motion sensing for mobile devices and wearable technology
- Gaming controllers
- Industrial equipment and machinery
- Sports and fitness monitoring devices
- Health monitoring devices

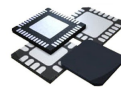


Related Products



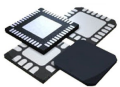
[MMA7361LC](#)

NXP Semiconductor
LGA-14



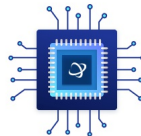
[MMA7260](#)

NXP Semiconductor
QFN



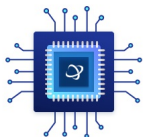
[MMA8451QR](#)

NXP Semiconductor
QFN



[MMA7660](#)

NXP Semiconductor



[MMA8452QR](#)

NXP Semiconductor



[SC560004MMG92](#)

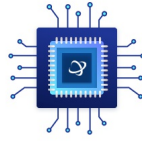
NXP Semiconductor
BGA



[MMA8453Q](#)

NXP Semiconductor

QFN-16



[SPC5746RMMT5](#)

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