

Board Mount Hall Effect / Magnetic Sensors XYZ DIGITAL MAGNETOMETER

Manufacturers	NXP Semiconductor
Package/Case	DFN-10
Product Type	Magnetic Sensors
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for MAG3110FCR1 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MAG3110FCR1 is a three-axis digital magnetometer produced by NXP Semiconductors. It is designed to measure magnetic fields in three dimensions with high accuracy and sensitivity. The device can operate from a power supply voltage of 1.95 to 3.6V and has a low power consumption of 100 microamps.

Features

- Three-axis magnetometer with a resolution of up to 0.1 microtesla
- Wide measurement range of +/-1000 microtesla
- Built-in digital signal processing for accurate and reliable measurements
- I2C interface for communication with microcontrollers or other devices
- Low power consumption for battery-powered applications

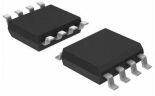
Application

- Compass and navigation systems
- Magnetic field sensing for robotics and automation
- Position and motion sensing for sports and fitness devices
- Industrial and automotive sensing applications
- Consumer electronics such as smartphones, tablets, and laptops



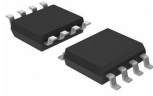


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