

Xtrinsic 6-axis Sensor Development Kit

RD4247FXOS8700

The Freescale Xtrinsic FXOS8700CQ 6-axis sensor is comprised of advanced component-level features, specifications and compensation software algorithms producing industry-leading compass solutions.

The kit is comprised of a 6-axis sensor (single-package accelerometer and magnetometer) PCB and two adapter PCBs to enable communication with a PC over USB.

Features

- ▶ Easily evaluate and demonstrate sensor functionality
- ▶ Unified architecture with the same GUI software
- ▶ Plug and play
- ▶ Flexible with a variety of boards that fit together
- ▶ Can quickly demonstrate all sensor types



Supported Devices

- ▶ **FXOS8700CQ**: $\pm 2g/\pm 4g/\pm 8g/$, 6-Axis, Digital Acceleration Sensor
- ▶ **MAG3110**: Xtrinsic High Accuracy, 3D Magnetometer

Featured Documentation

- ▶ **RD4247FXOS8700QSG**: RD4247FXOS8700 Quick Start Guide

Current Updates and Releases

[E-Compass](#): Xtrinsic E-Compass Software

Kit Contains

- FXOS8700CQ 6-axis sensor development board
- LFSTBUSB communication board
- Sensor interface board
- USB cable