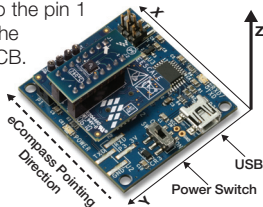


RD4247FXOS8700 Quick Start Guide

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

1 Unpack the Board

- Unpack the board. Verify package contents according to the kit website: freescale.com/sensortoolbox.
- 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. Assemble the PCBs ensuring that the pin 1 arrow on the sensor PCB is adjacent to the pin 1 arrow on the adapter PCB. Assemble the PCBs ensuring that the pin 1 arrow on the sensor PCB is adjacent to the pin 1 arrow on the adapter PCB.



2 Download Latest Software

- Visit freescale.com/sensortoolbox to download the required software.
- This Sensor Toolbox kit requires a specific driver. Visit ftdichip.com/FTDrivers.htm to download and install the latest VCP drivers for your platform.

3 Power Up

- Plug in the USB and turn the board on using the power switch.
- Consult the RD4247FXOS8700 user guide for detailed information.

Standard Connector for All
Sensor Toolbox Pressure
Sensor Development Boards

Sensor
Interface
Board

Freescal FXOS8700CQ 6-Axis
Sensor 3 x 3 x 1.2 mm QFN
Single Package Accelerometer
and Magnetometer

LFSTBUSB
Communication Board

USB Mini-B
Connector

Power
Switch



Learn more at freescal.com/sensortoolbox

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