

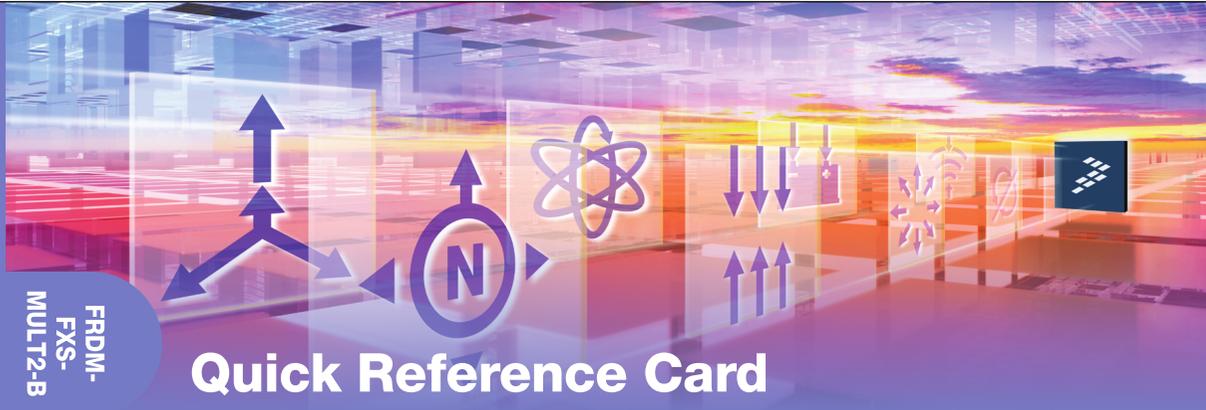


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FRDM-FXS-MULT2-B

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FRDM-FXS-MULT2-B

Quick Reference Card

Freescale Freedom Development Board

Enabled for sensor fusion with FXAS21002C, FXOS8700CQ, MAG3110, MMA8652FC, MPL3115A2, MMA9553L, and FXLS8471Q as part of the Freescale Freedom development platform



 **Get Started**
Download tools and documentation under **Jump-Start Your Design** at freescale.com/sensortoolbox



Get to Know the FRDM-FXS-MULT2-B



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FREESCALE FREEDOM PLATFORM

MAG3110
3-axis magnetometer
10 DFN (2 x 2 x 0.85 mm)

MMA8652FC
3-axis accelerometer
10 DFN (2 x 2 x 1 mm)

MPL3115A2
Pressure sensor
8 LGA (5 x 3 x 1.1 mm)

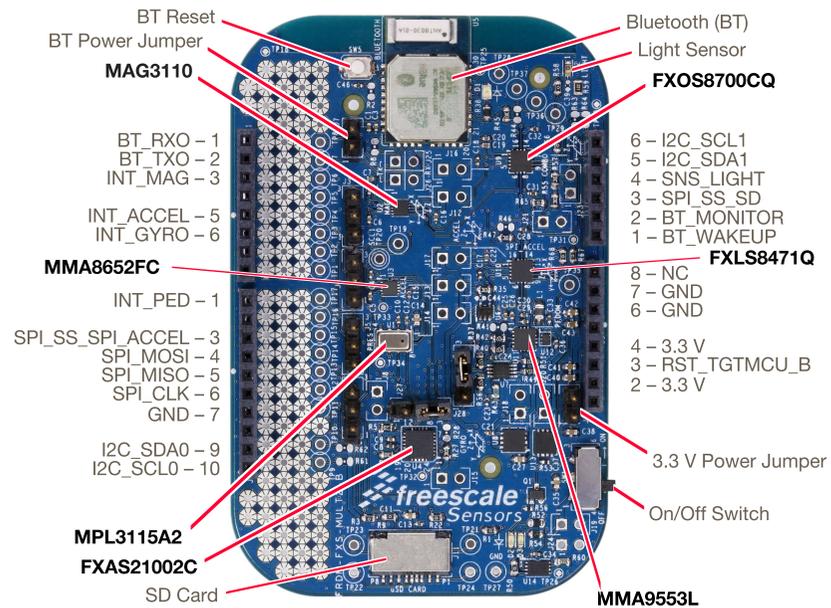
FXAS21002C
3-axis digital angular
rate gyroscope
24 QFN (4 x 4 x 1 mm)

FXOS8700CQ
6-axis linear accelerometer
and magnetometer
16 QFN (3 x 3 x 1.2 mm)

FXLS8471Q
3-axis SPI accelerometer
16 QFN (3 x 3 x 1 mm)

MMA9553L
Motion-sensing pedometer
16 LGA (3 x 3 x 1 mm)

- 1 Verify package contents:
 - FRDM-FXS-MULT2-B Freescale Freedom development board
- 2 Connect the FRDM-FXS-MULT2-B Freescale Freedom development board to a development board, such as the FRDM-K64F (or any Arduino R3 compatible board). Refer to the Freescale Freedom development board Quick Start Guide for driver information.
- 3 Plug one end of a USB cable into the SDA port on the assembly. Plug the other end of the cable into the USB port on the computer.
- 4 Download and install the latest Sensor Toolbox software at: freescale.com/sensortoolbox
- 5 Start the Sensor Toolbox software.
For more information, go to: freescale.com/sensortoolbox



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