

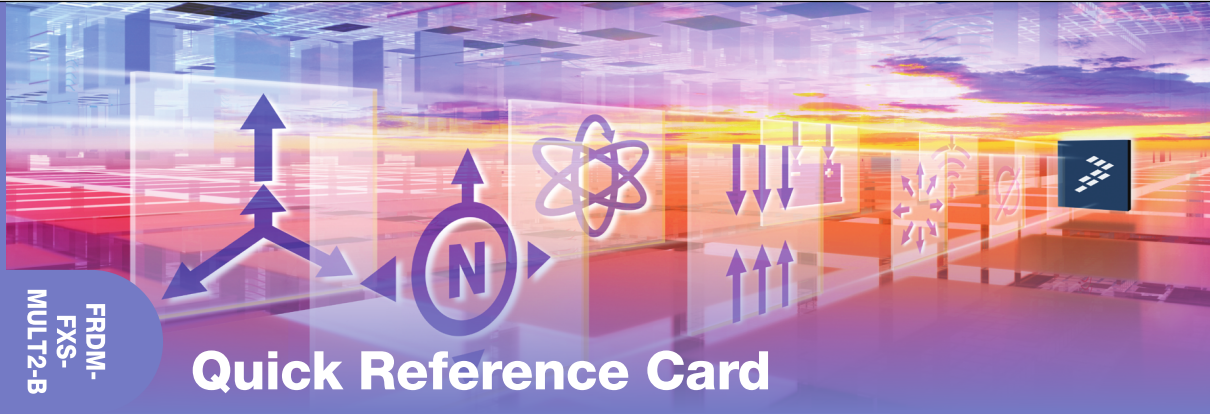


Freescale and the Freescale logo are trademarks of Freescale Semiconductor, Inc., Reg. U.S. Pat. & Tm. Off. All other product or service names are the property of their respective owners. © 2015 Freescale Semiconductor, Inc. FRDMFXSMULT2BQFC REV 1 920-75788 REV A

**freescale**  
 For more information, visit [freescale.com/sensortoolbox](http://freescale.com/sensortoolbox)

**FRDM-FXS-MULT2-B**

# FRDM-FXS-MULT2-B



**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](http://freescale.com/sensortoolbox)



Get to Know the FRDM-FXS-MULT2-B



Learn more at [freescale.com/sensortoolbox](http://freescale.com/sensortoolbox)

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)

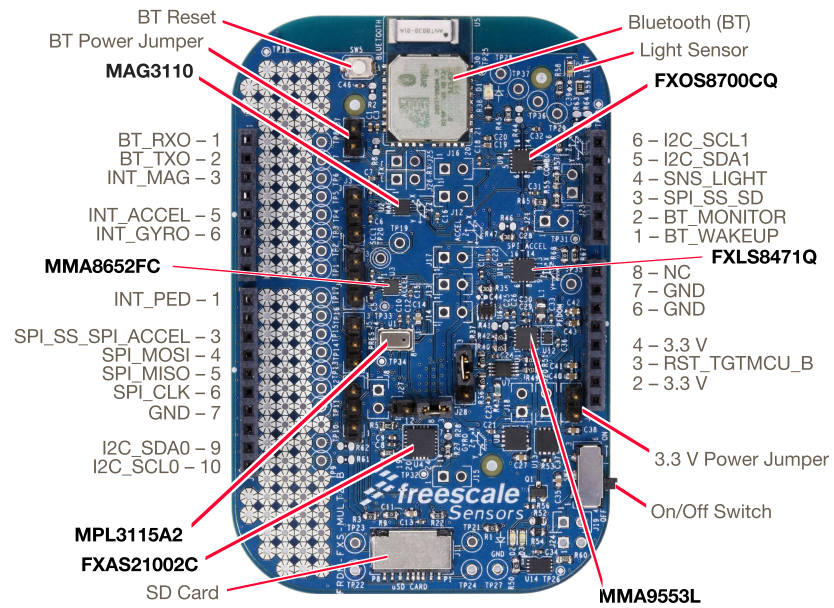
**FXAS21002C**  
3-axis digital angular  
rate gyroscope  
24 QFN (4 x 4 x 1 mm)

**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](http://freescale.com/sensortoolbox)
- 5 Start the Sensor Toolbox software.  
For more information, go to: [freescale.com/sensortoolbox](http://freescale.com/sensortoolbox)



Get to Know the FRDM-FXS-MULT2-B



Learn more at [freescale.com/sensortoolbox](http://freescale.com/sensortoolbox)