



Quick Reference

FRDM-K64F-AGM04

Sensor Toolbox Development Platform for
MMA8652FC 3-axis digital accelerometer,
FXAS21002C 3-axis digital angular rate gyroscope,
MAG3110 3-axis digital magnetometer, and
NXP FRDM-K64F development board

SENSOR TOOLBOX DEMONSTRATION KIT



Quick Reference

GET TO KNOW THE FRDM-K64F-AGM04

MMA8652FC 3-axis,
12-bit, digital accelerometer
10 DFN (2 mm x 2 mm x 1 mm)

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

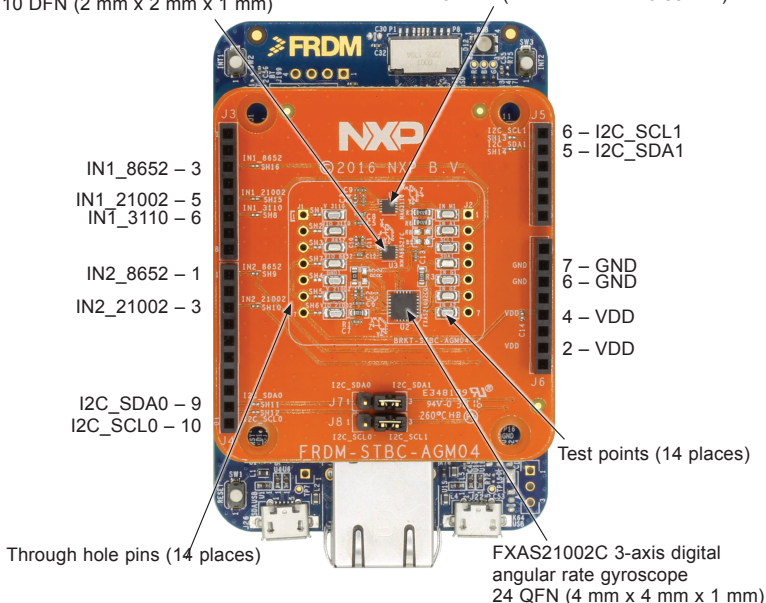


Figure 1: FRDM-K64F-AGM04

HOW TO GET STARTED

www.nxp.com

1. Verify package contents:
 - FRDM-K64F
 - FRDM-STBC-AGM04
 - USB cable
2. Download the mbed Windows serial port driver:
development.mbed.org/handbook/Windows-serial-configuration
For the latest FRDM-K64F drivers, please visit nxp.com/opensource
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, Figure 2.
4. Download and install the latest Sensor Toolbox software at:
www.nxp.com/sensortoolbox

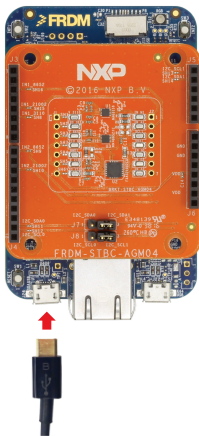


Figure 2: Connect kit to computer

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