



## 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)

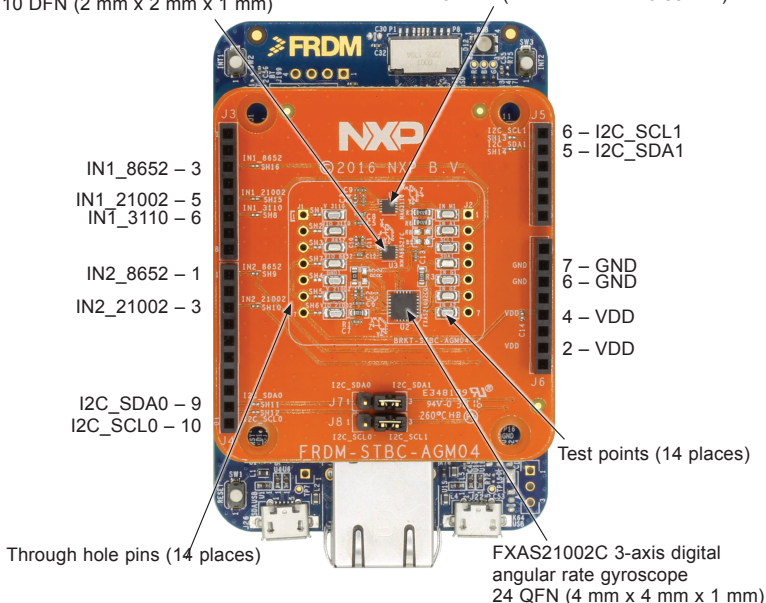


Figure 1: FRDM-K64F-AGM04

## HOW TO GET STARTED

[www.nxp.com](http://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](http://development.mbed.org/handbook/Windows-serial-configuration)  
For the latest FRDM-K64F drivers, please visit [nxp.com/openSDA](http://nxp.com/openSDA)
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](http://www.nxp.com/sensortoolbox)

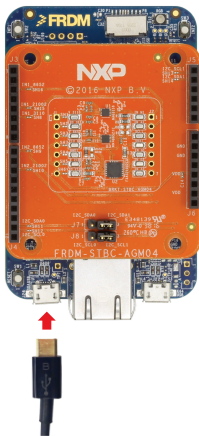


Figure 2: Connect kit to computer

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