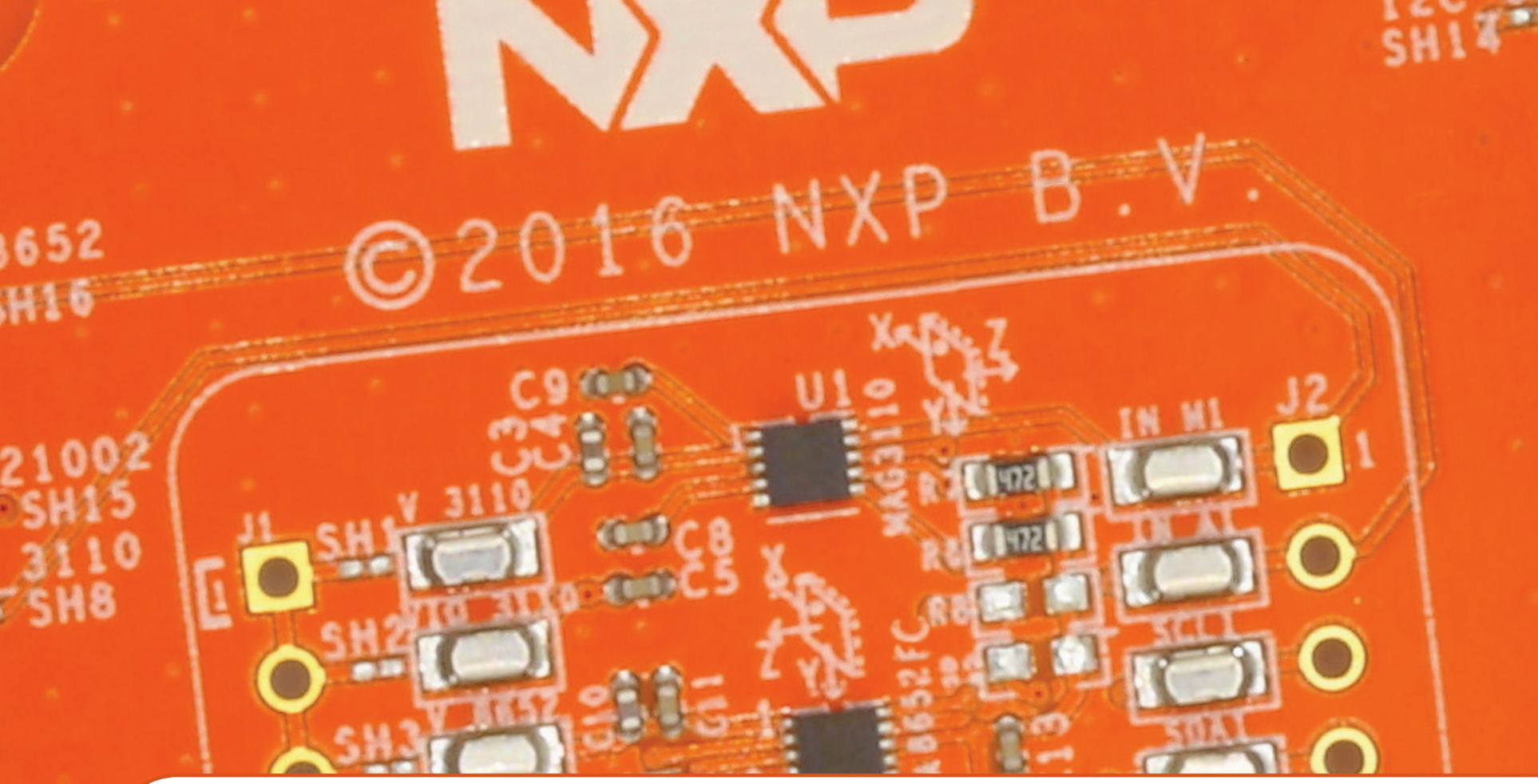

Quick Reference

FRDM-STBC-AGM04

Sensor Toolbox Development Platform for
MMA8652FC 3-axis digital accelerometer,
FXAS21002C 3-axis digital angular rate gyroscope, and
MAG3110 3-axis digital magnetometer

SENSOR TOOLBOX SHIELD DEVELOPMENT BOARD

GET TO KNOW THE FRDM-STBC-AGM04

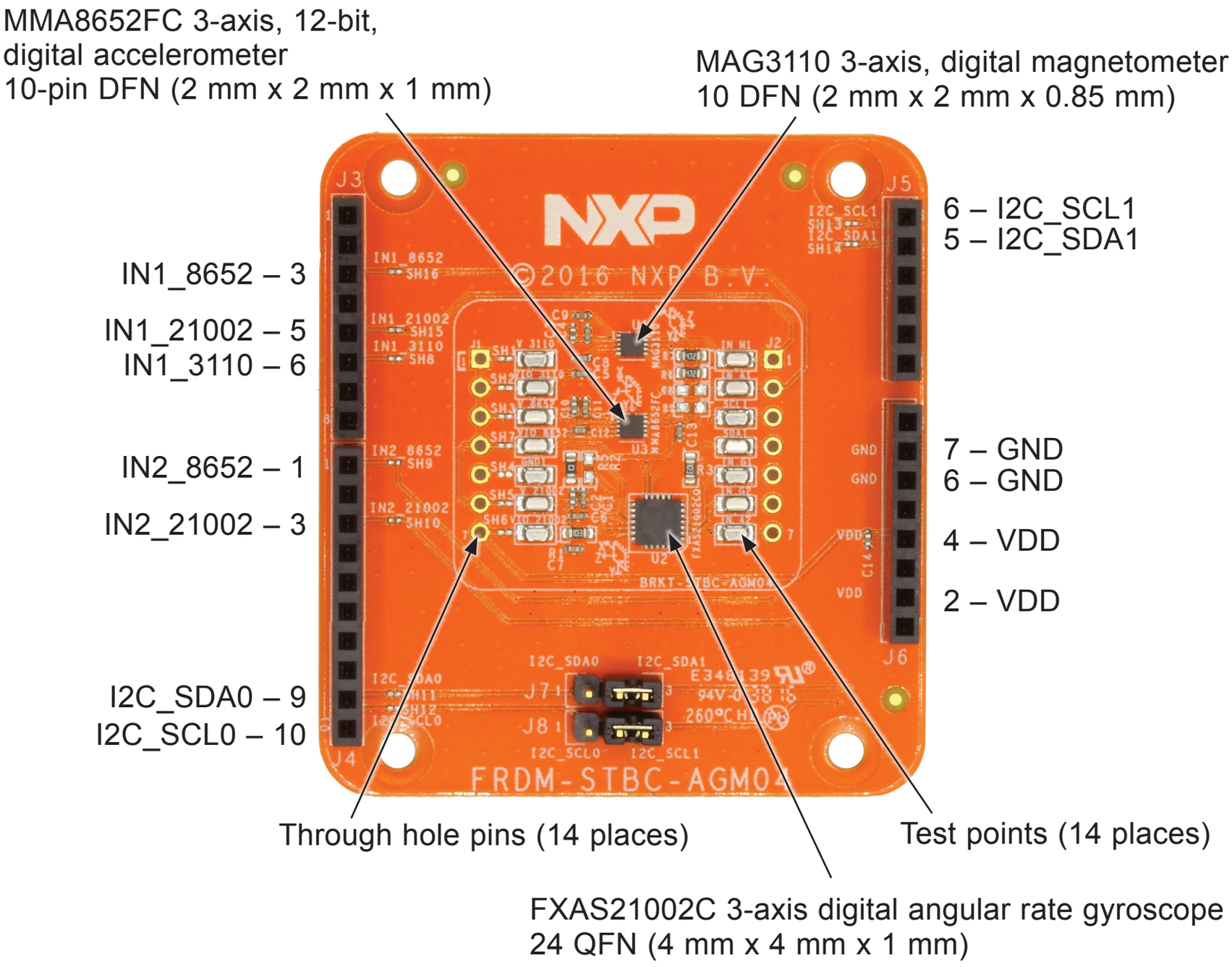

Figure 1: FRDM-STBC-AGM04

HOW TO GET STARTED

1. Connect the FRDM-STBC-AGM04 development board to an NXP Freedom development board, such as the FRDM-K64F (or any Arduino R3 compatible board). Refer to the NXP Freedom development board Quick Start Guide for driver information. The latest drivers for the FRDM boards can be found at: **www.nxp.com/openSDA**

2. 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.

3. Download and install the latest Sensor Toolbox software at: **www.nxp.com/sensortoolbox**

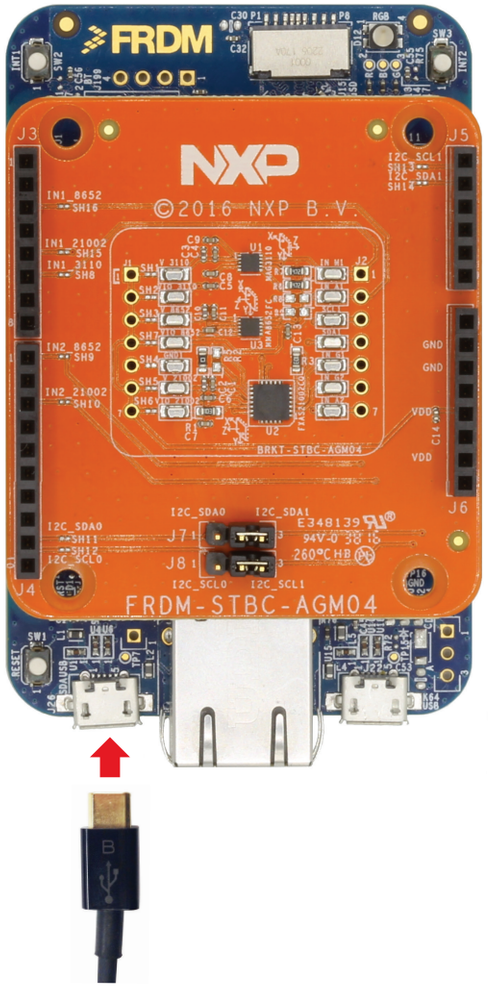

Figure 2: Connect board to computer

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