Quick Reference

FRDMSTBI-B3115

Sensor Toolbox Development Platform for FXPQ3115BVT1
High Precision Biocompatible Pressure Sensor

SENSOR TOOLBOX SHIELD DEVELOPMENT BOARD

GET TO KNOW THE FRDMSTBI-B3115

FXPQ3115BVT1 high precision biocompatible pressure sensor
8 LGA (5 mm x 3 mm x 1.1 mm)

INT_2 – 3

INT_1 – 6

6 – I2C_SCL1
5 – I2C_SDA1

7 – GND
6 – GND
4 – VDD
2 – VDD

GND – 7

I2C_SDA0 – 9
I2C_SCL0 – 10

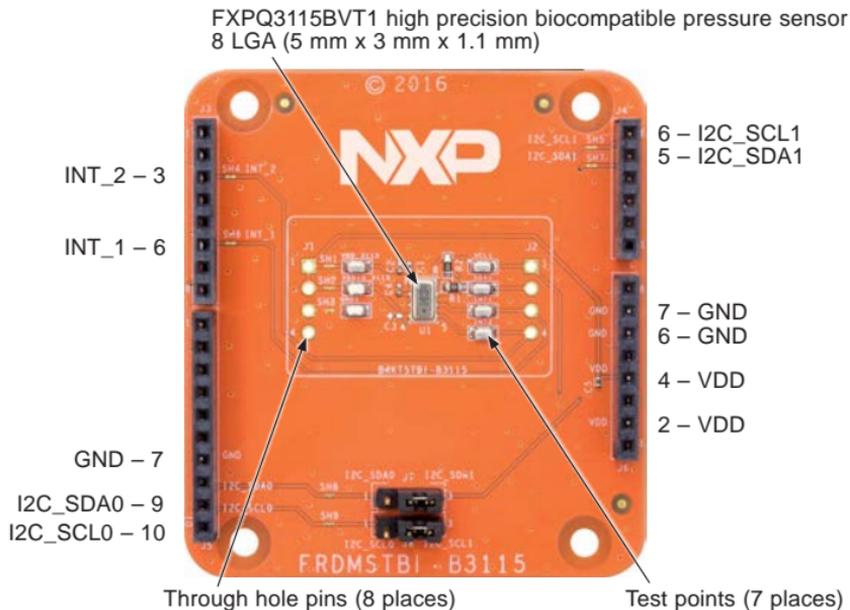Through hole pins (8 places)

Test points (7 places)

Figure 1: FRDMSTBI-B3115

HOW TO GET STARTED

1. Connect the FRDMSTBI-B3115 development board to an NXP Freedom development board, such as the FRDM-KL27Z (or any Arduino R3 compatible board). Refer to the NXP Freedom development board Quick Start Guide for driver information.

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

www.nxp.com