FRDM-K22F-SA9500

FRDM-K22F-SA9500

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For more information, visit freescale.com/sensortoolbox

FRDM-K22F-SA9500

Quick Reference Card

Get Started

Download tools and documentation under **Jump Start Your Design** at freescale.com/sensortoolbox
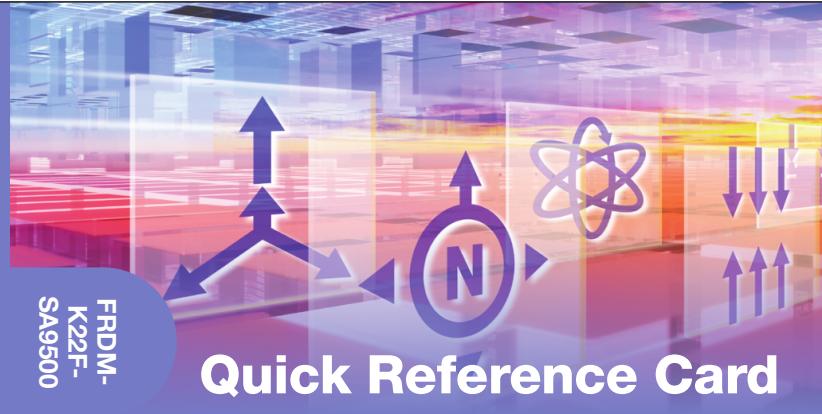
3-Axis Sensor Toolbox Demonstration Kit

Freescale FRDM-STBC-SA9500 and FRDM-K22F demonstration and development kit

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FREESCALE FREEDOM PLATFORM

1. Verify package contents:
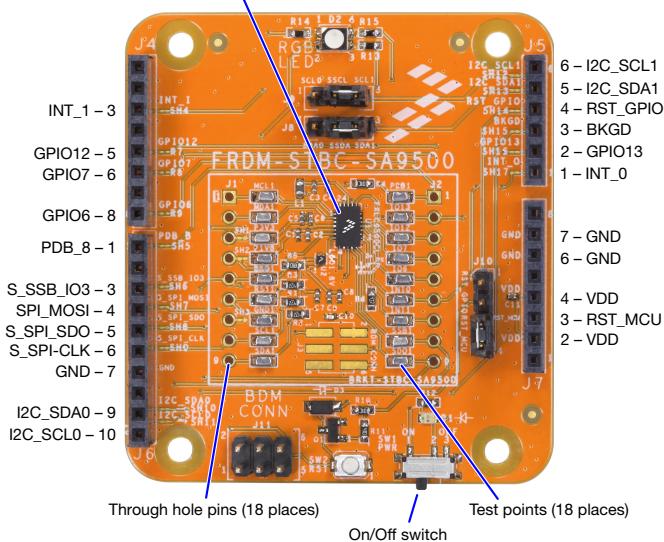   - FRDM-K22F/FRDM-STBC-SA9500 assembly
   - USB cable

2. Download the mbed Windows serial port driver:
   developer.mbed.org/handbook/Windows-serial-configuration

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**

5. Start the Sensor Toolbox software.

FXLC95000CL motion-sensing platform integrating a 3-axis MEMS accelerometer and a 32-bit MCU 24 LGA (3 mm x 5 mm x 1 mm)

INT_1 – 3

GPIO12 – 5
GPIO7 – 6

GPIO6 – 8

PDB_8 – 1

S_SSB_IO3 – 3
SPI_MOSI – 4
S_SPI_SDO – 5
S_SPI-CLK – 6
GND – 7

I2C_SDA0 – 9
I2C_SCL0 – 10

6 – I2C_SCL1
5 – I2C_SDA1
4 – RST_GPIO
3 – BKGD
2 – GPIO13
1 – INT_0

7 – GND
6 – GND

4 – VDD
3 – RST_MCU
2 – VDD

Through hole pins (18 places)

On/Off switch

Test points (18 places)

FRDM-STBC-SA9500