

Quick Start Guide

Analog/Sigfox Development Tools

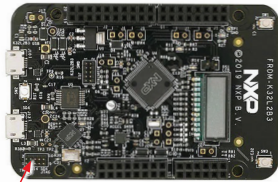
Making embedded systems better
with robust, reliable performance

FREEDOM DEVELOPMENT PLATFORM



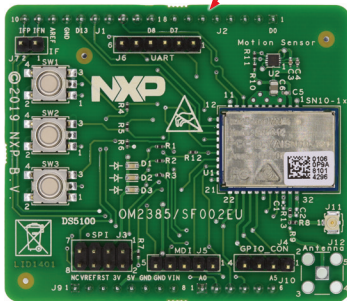
Quick Start Guide

GET TO KNOW THE FREEDOM DEVELOPMENT PLATFORM



FRDM Board

OL2385 Sigfox Shield Board



The NXP Freedom development platform is a small, low-power, cost-effective evaluation and development system for quick application prototyping and demonstration of analog products with Kinetis MCUs.

These expansion boards feature analog mixed-signal and power solutions including monolithic ICs using proven high-volume analog mixed-signal technology, and system-in-package devices utilizing power, Analog and MCU dies.

NXP products enable longer battery life, smaller form factor, component count reduction, ease of design, lower system cost and improved performance in powering state-of-the-art systems.

STEP-BY-STEP INSTALLATION INSTRUCTIONS

1 Unpack the Board

The package contains an NXP development board, Quick Start Guide, USB A-to-MicroB cable, and antenna.

2 Analog Tools

Locate your tool summary page at www.nxp.com/AnalogTools. Refer to the Kit Number on your Barcode label.

3 Download the Latest Documentation and Software

This product requires registration on the www.sigfox.com web site. For detailed installation and hardware configuration refer to the User's Guide located on the tool summary page.

Download installation software and documentation available in the Documents and Software section of the Tool summary page.



4 Connect the Hardware

Review the registration and configuration setup provided in the User's Guide.

5 Software Installation

Your hardware may involve software installation. The evaluation board User's Guide provides the details, web location URL and instructions for download.

6 Power the Board

Power supply and required system or equipment is detailed in the User's Guide. Apply power as the instructions suggest.


Note: This hardware is certified for conducted measurements only. The user accepts responsibility for standards compliance for radiated measurements with an antenna.

SUPPORT

Visit www.nxp.com/support for a list of phone numbers within your region.
Visit sigfox.net for product registration.

WARRANTY

Visit www.nxp.com/warranty for complete warranty information.



www.nxp.com/AnalogTools, www.nxp.com/Freedom,
and sigfox.com

NXP and the NXP logo are trademarks of NXP B.V. All other product or service names are the property of their respective owners. All rights reserved. © 2021 NXP B.V.

Document Number: OL2385SGFXQSG REV 1
Agile Number: 924-76432 REV B