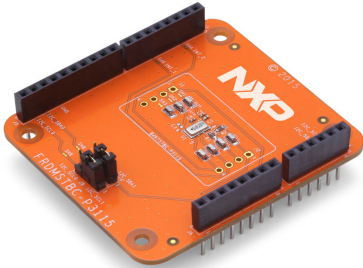


FRDMSTBC-P3115 shield board



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Features

- Sensor evaluation board for MPL3115A2: absolute digital pressure/altimeter sensor for industrial and medical applications, offered as a sensor kit with FRDM-KL27Z
- Enables quick sensor evaluation and helps accelerate quick prototyping and development
- Allows to register level analysis, extraction of key sensor parameters along with sensor pressure, altimeter data logging
- Compatible with Arduino® and most NXP Freedom development boards
- Supports I²C communication interface with host MCU
- Multiple test points on the board

Description

The [FRDMSTBC-P3115](#) is a sensor add-on/companion shield board for MPL3115A2S absolute digital pressure/altimeter sensor.

The [FRDMSTBC-P3115](#) sensor shield boards can be kitted with FRDM-KL27Z, FRDM-MCXN947 MCU boards to enable quick customer evaluation of MPL3115A2S.

Revision history

Table 1. Document revision history

Date	Revision	Changes
21-Apr-2026	1	Initial release.

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