

## SensorTile.boxPRO firmware basic function restore



### Features

- Restores basic board firmware functionalities
- Requires:
  - [STEVAL-MKBOXPRO](#) (SensorTile.box PRO) board
  - USB-B to USB-C cable or USB-C to USB-C cable (depending on the available pc port)

### Description

The [STEVAL-MKBOXPRO](#) (SensorTile.box PRO) is the new ready-to-use programmable wireless box kit for developing any IoT application based on remote data gathering and evaluation.

It exploits the full kit potential by leveraging both motion and environmental data sensing, along with a digital microphone, and enhances connectivity and smartness in all environments.

The hardware node is a board that fits into the palm of your hand (40x63 mm) with a long-life 3.7 V 480 mAh rechargeable battery.

The firmware kit provides a range of development modes: from Entry Mode for developers with little or no programming skills, to Pro Mode where users can load custom firmware on the SensorTile.box PRO STM32 microcontroller.

The [STSW-MKBOXPRO-FS](#) firmware allows you to restore the ability to use the basic functionalities of the default firmware and upgrade firmware over-the-air (FOTA) to the latest version in the event that FOTA functionality is overwritten or deleted due to a custom firmware upload.

For further details about the procedure, you can refer to chapter 2.1 “Restore to factory settings” of UM3133.

Product summary	
SensorTile.boxPRO firmware basic function restore	<a href="#">STSW-MKBOXPRO-FS</a>
SensorTile.box PRO with multi-sensors and wireless connectivity for any intelligent IoT node	<a href="#">STEVAL-MKBOXPRO</a>
Applications	IoT for Smart Things/IoT for Smart Home and City/Wearable

## Revision history

**Table 1. Document revision history**

Date	Revision	Changes
10-Mar-2023	1	Initial release.

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