Ultra-compact, low-power NB-IoT industrial module series with GNSS capability

Features

- LTE, Category NB2, Release 15
- GNSS capability
- Worldwide regional bands coverage
- Single-tone / Multi-tone / Extended TBS and 2 HARQ up to DL: 127 kbps, UL: 159 kbps
- eDRX and PSM support
- Low-power mode < 2 uA
- Ultra-compact size
- Embedded IoT internet protocols
- Differential FOTA support
- Up to +23 dBm power output
- Multiple I/F and GPIO
- Optional eSIM GSMA compliant with an additional Secure Element

Product status link
ST87M01

Product label
SUSTAINABLE TECHNOLOGY

Product label
LONGEVITY 15 YEARS COMMITMENT

Description

The ST87M01 is a high-performance, fully programmable, ultra-compact, low-power, certified LTE Cat NB2 NB-IoT and GNSS industrial module series offering worldwide bands coverage, with advanced security features.

DB4934 - Rev 1 - February 2023
For further information contact your local STMicroelectronics sales office.

www.st.com

Revision history

Table 1. Document revision history

Date	Version	Changes
07-Feb-2023	1	Initial release.

Contents

IMPORTANT NOTICE – READ CAREFULLY