

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



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.

Product label



Revision history

Table 1. Document revision history

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

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| Revision history | 2 |
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