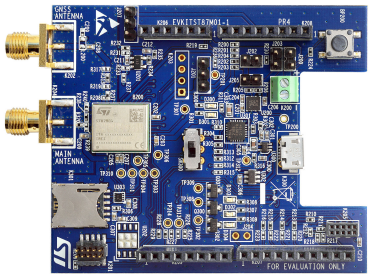
EVKITST87M01-2

Data brief

ST87M01-1301 NB-IoT and GNSS/Wi-Fi positioning module evaluation kit



Product status link
EVKITST87M01-2

Product summary	
Evaluation Kit Code	EVKITST87M01-2
ST87M01 part number	ST87M01

Features

- KIT composition
  - EVKITST87M01-2 board
  - Micro-B USB cable
  - LTE antenna
  - GNSS antenna
- Board connectors
  - USB connector
  - SMA RF antenna connector
  - SMA GNSS antenna connector
  - External power supply connector
  - Arduino® connectors
  - HST (Trace) connector
  - Nano SIM card holder
  - JTAG CM4
- Three power supply connection options
  - USB connector
  - External connector
  - Arduino® connector
- Interfaces
  - UART for AT commands
  - 2 x ADC
  - GPIOs
- LEDs
  - Three module activity LEDs
  - Two UART activity LEDs
- Button
  - One reset push-button

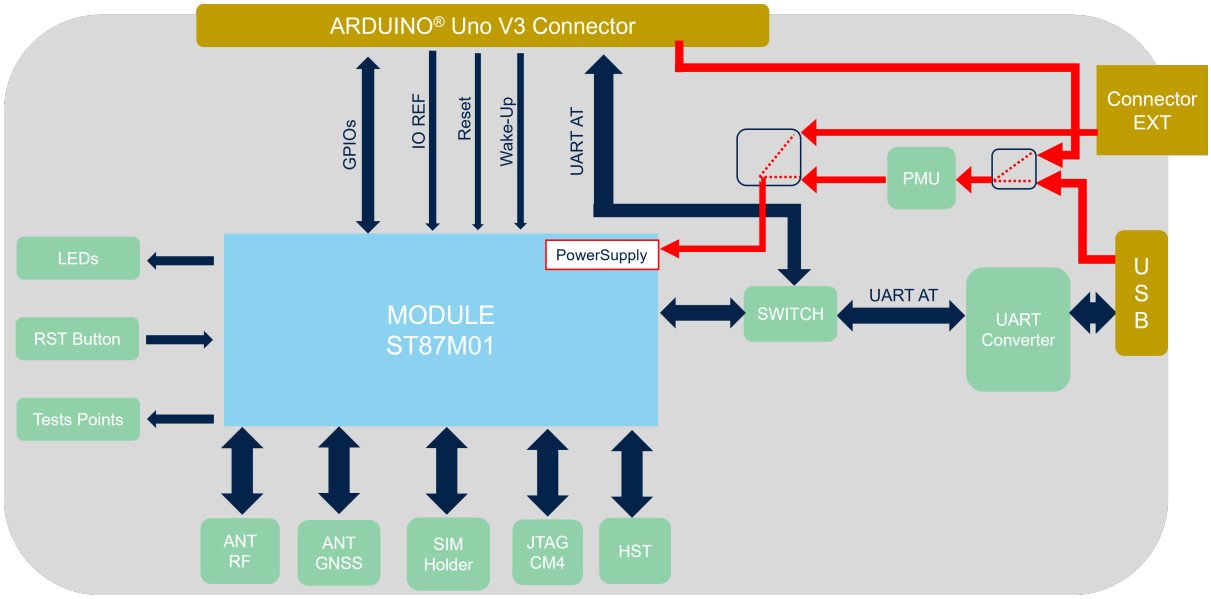
Description

The EVKITST87M01-2 is an evaluation board for the ST87M01 NB-IoT module. It is designed as an X-NUCLEO shield form factor with an Arduino® compatible connector.

Besides, two types of host connections to the ST87M01 are possible: a PC or associate board.

1 System overview

Figure 1. System overview



Revision history

Table 1. **Document revision history**

Date	Version	Changes
13-Oct-2025	1	Initial release.

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