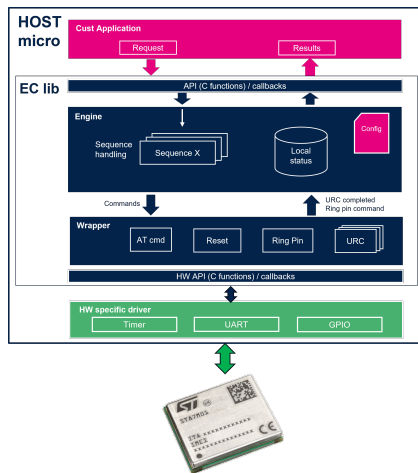


MCU easy connect library for ST87Mxx



Product status link

[STSW-ST87ECLIB](#)

Features

- System:
 - EC Lib framework (ST87Mxx status, get time...)
 - ST87Mxx firmware loader
 - AT command API
 - TLS provisioning
- Protocols:
 - UDP, TCP
 - MQTT
 - LwM2M
 - CoAP
 - HTTP / HTTPS
- Positioning:
 - GNSS
 - Wi-Fi positioning
- Other protocols:
 - WMBUS

Description

STSW-ST87ECLIB easy connect library is a source code example package.

The library offers access to the ST87Mxx module via C functions to:

- Simplify access to ST87Mxx NB-IoT, GNSS, and WMBUS resources
- Give guidance for customer via pre-coded sequences
- Set default settings to provide the best performances
- Make configuration as simple and convenient as possible for users

Features / characteristics:

- No OS dependency (OS agnostic)
- C coded agnostic interface (no hardware dependency)
- Limited code size (< 32 KB)
- Static configuration (config.h, ...)
- Minimal API number to perform actions

Revision history

Table 1. Document revision history

Date	Version	Changes
25-Aug-2025	1	Initial release.

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