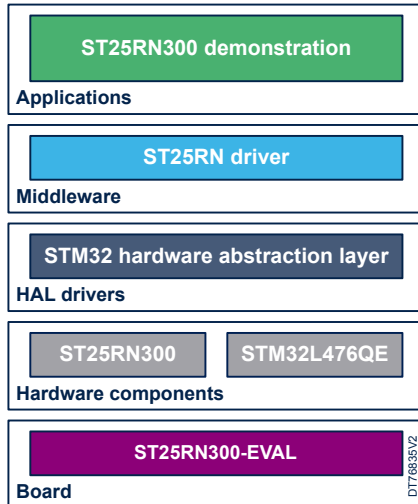




ST25RN embedded demo library



Product status
STSW-ST25RN-LIB

Features

Collection of middleware to build advanced NFC enabled demo applications such as:

- NFC Poller
- NFC Listener
- FreeRTOS™ Poller
- EMVCo PCD
- MIFARE Classic® Reader
- Easy portability across different platforms (MCUs/RTOSs/OSs)
- Free, user-friendly license terms

Description

The **STSW-ST25RN-LIB** provides a collection of embedded demos that can be reused when developing an application with ST25RN NCI reader (NFCC) products. This package provides a simple NFC controller interface (NCI) translation to embedded APIs that support the most common functionalities, commands, and use cases.

On top, a glue layer for the ST25R RFAL (STSW-ST25RFAL) NFC/HL layer is available. This layer helps to conveniently port or interchange applications between both ST25R AFEs and ST25RN NFCC devices.

The demo projects are tailored to run directly on the onboard STM32L476 hosted on the ST25RN300-EVAL board and can be ported to other suitable MCUs.

1 General information

The software runs on STM32 microcontrollers, based on Arm® cores.



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2 License

The STSW-ST25RN-LIB is delivered under the SLA0052 software license agreement.

Revision history

Table 1. Document revision history

Date	Version	Changes
04-May-2026	1	Initial release.
04-Aug-2026	2	First public release.

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