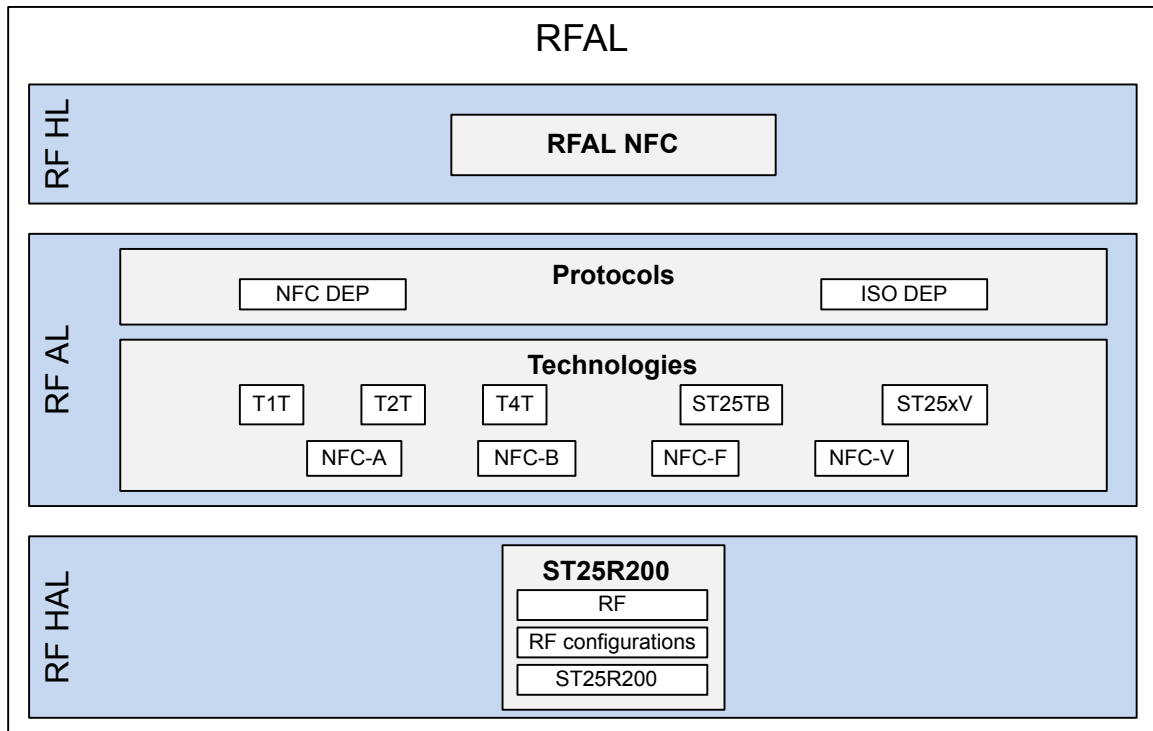


RF/NFC abstraction layer for ST25R200 and its derivatives



Device summary

Product status link

[STSW-ST25RFAL004](#)

Features

- Complete middleware to build NFC enabled applications based on ST25R200 device
- Supported modes:
 - Reader/Writer
- Support of major NFC and proprietary technologies:
 - NFC-A (ISO14443A)
 - NFC-B (ISO14443B)
 - NFC-V (ISO15693)
 - ST25TB, Kovio, Bⁱ, iClass, Calypso[®]
- Supported protocols:
 - ISO-DEP (ISO data exchange protocol, ISO14443-4)
- Easy portability across different platforms (MCUs/RTOSs/OSs)

- Compliant with main RF/NFC standards:
 - NFC Forum
 - EMVCo
 - ISO14443
 - ISO15693
- MISRA C:2012 compliant
- Application examples availability
- Free, user-friendly license terms

Description

STSW-ST25RFAL004 is the implementation of the RF/NFC abstraction layer (RFAL) for the ST25R200 and ST25R100 devices.

The RFAL simplifies the development of applications by encapsulating device and protocol details. It provides a common interface that makes the upper software layers independent from the used device.

The RFAL with the same APIs is available for all ST25R devices, thus simplifying the software efforts when migrating from one device to another.

License

STSW-ST25RFAL004 is delivered under the SLA0051 (MyLiberty) software license agreement.

Revision history

Table 1. Document revision history

Date	Version	Changes
26-Jan-2024	1	Initial release.
19-Jun-2024	2	First public release.

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