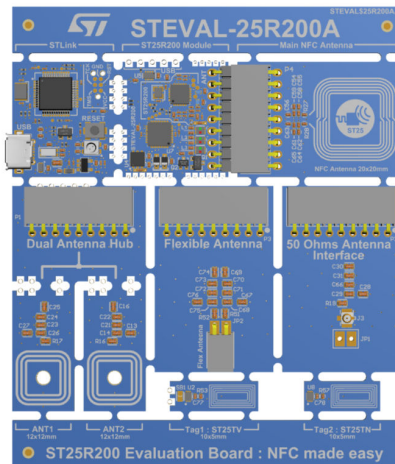


Firmware for the STEVAL-25R200SA kit



Features

- Reader/writer demonstration
 - Tag inventory, read, and write
 - Support of T1T, T2T, T4T, and T5T
 - NFC Forum NDEF messages
- Demonstration of ST25R200 power modes
- UART mode: control of the device with a PC to run the full set of ST25R200 demonstrations
- Based on STM32Cube software libraries and methodologies
- Embedded demonstrations
 - Support of the different antenna configurations included on the STEVAL-25R200SA kit
 - ST25 reader + tag

Product status

STSW-ST25R020

Description

The STSW-ST25R020 package contains the source files to compile the firmware for the STEVAL 25R200A board.

The firmware includes the RFAL driver for the ST25R200 high performance NFC reader, running on an STM32G0B1 microcontroller.

The package is built on top of STM32Cube software libraries and methodology, and provides several examples of the capabilities of the ST25R200 device.

The UART mode allows the user to run the full set of ST25R200 functionalities and demonstrations, via a set of APIs available to interface with the board and the NFC reader. The firmware can be used together with the PC graphical user interface (STSW-ST25R019).

STSW-ST25R020 is available for free download from www.st.com.

1 General information

STM32G0B1 microcontrollers are based on Arm® cores.

Note: Arm is a registered trademark of Arm Limited (or its subsidiaries) in the US and/or elsewhere.





2 License scheme

The STSW-ST25R020 package is delivered under the Mix_MyLiberty software license agreement (SLA0052), and its additional license terms.

Revision history

Table 1. Document revision history

Date	Version	Changes
28-Aug-2023	1	Initial release.
03-Jul-2024	2	Changed document classification, from ST restricted to public. Updated document title, Features , and Description .



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