

## ST25DV-I2C Linux® user space driver

## Features

- Linux® user space driver for the ST25DV-I2C series dynamic NFC tags
- Available examples
  - Write NDEF URI message
  - Write NDEF Bluetooth® message
  - Activate GPO interrupt
  - Activate low-power down
  - Set I2C protection
  - Set I2C channel
  - Set I2C mode
  - Use ST25DV-I2C mailbox
  - ST25 FTM (fast transfer mode)

| Product status |
|----------------|
| STSW-ST25DV009 |

## Description

STSW-ST25DV009 software package (compatible with ST25DVxxK and ST25DVxxKC tags) provides the Linux user space drivers and the associated examples for the ST25DV-I2C series dynamic NFC tags.

The package allows the user to control an ST25DV-I2C dynamic tag from the user space of a Linux platform, by using the I2C and GPIO interfaces.

The package (free, with user friendly license terms) comes with a user manual describing its structure and its reuse on a Linux platform.

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## 1 General information

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

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



### 1.1 Ordering information

Software and documentation are available on [www.st.com](http://www.st.com).

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## 2 License scheme

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The STSW-ST25DV009 package is delivered under the SLA0051 (MyLiberty) software license agreement, and its additional license terms.

## Revision history

**Table 1. Document revision history**

| Date        | Version | Changes   |
|-------------|---------|---|
| 28-Aug-2020 | 1       | Initial release.  |
| 07-Sep-2022 | 2       | Added STSW-ST25DV009.<br>Updated <a href="#">Features</a> , <a href="#">Description</a> , and <a href="#">Section 2: License scheme</a> . |
| 25-Sep-2025 | 3       | Document scope limited to STSW-ST25DV009.<br>Updated <a href="#">Features</a> and <a href="#">Description</a> .                           |

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