
ST25DV-I2C Linux[®] user space driver

Features

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

Description

STSW-ST25DV007 software package provides the Linux user space drivers for the ST25DV-I2C series dynamic NFC/RFID tags, and the associated examples.

STSW-ST25DV007 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 software package (free, with user friendly license terms) comes with a user manual describing its structure and how to reuse it on a Linux platform.

Product status link

STSW-ST25DV007

1 General information

The STSW-ST25DV007 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

The STSW-ST25DV007 packages and documentation are available on www.st.com.

2 License scheme

The STSW-ST25DV007 package is delivered under the SLA0051 (MyLiberty) software license agreement. The software components provided in this package come with the license scheme detailed in the following table.

Table 1. Software component license agreements

Software component	Owner	License
Project applications	STMicroelectronics	Ultimate Liberty (source release)
NDEF middleware	STMicroelectronics	Ultimate Liberty (source release)
ST25FTM middleware	STMicroelectronics	Ultimate Liberty (source release)
Board support package (BSP)	STMicroelectronics	Ultimate Liberty (source release)

Revision history

Table 2. Document revision history

Date	Version	Changes
28-Aug-2020	1	Initial release.

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