STSW-ST25DV007 STSW-ST25DV009

Data brief

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, for STSW-STDV009 only
  - Set I2C mode, for STSW-STDV009 only
  - Use ST25DV-I2C mailbox
  - ST25 FTM (fast transfer mode), for STSW-STDV007 only

Description

STSW-ST25DV007 (applies to ST25DV04K, ST25DV16K, and ST25DV64K) and STSW-ST25DV009 (applies to ST25DV04KC, ST25DV16KC, and ST25DV64KC) software packages provide the Linux user space drivers and the associated examples for the ST25DV-I2C series Dynamic NFC Tags.

Both software packages allow 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 packages (free, with user friendly license terms) come with a user manual describing their structure, and how to reuse them on a Linux platform.

Product status link
STSW-ST25DV007
STSW-ST25DV009

1 General information

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.

2 License scheme

The STSW-ST25DV007 and STSW-ST25DV009 packages are 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. Updated Features, Description, and Section 2 License scheme.

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