STSW-M24LR007

STSW-M24LR007 firmware for transceiver demonstration board

Features

- UART/SPI drivers to communicate between MCU and CR95HF.
- NFC library to build applications using CR95HF NFC reader.
- USB API to communicate with PC software application.
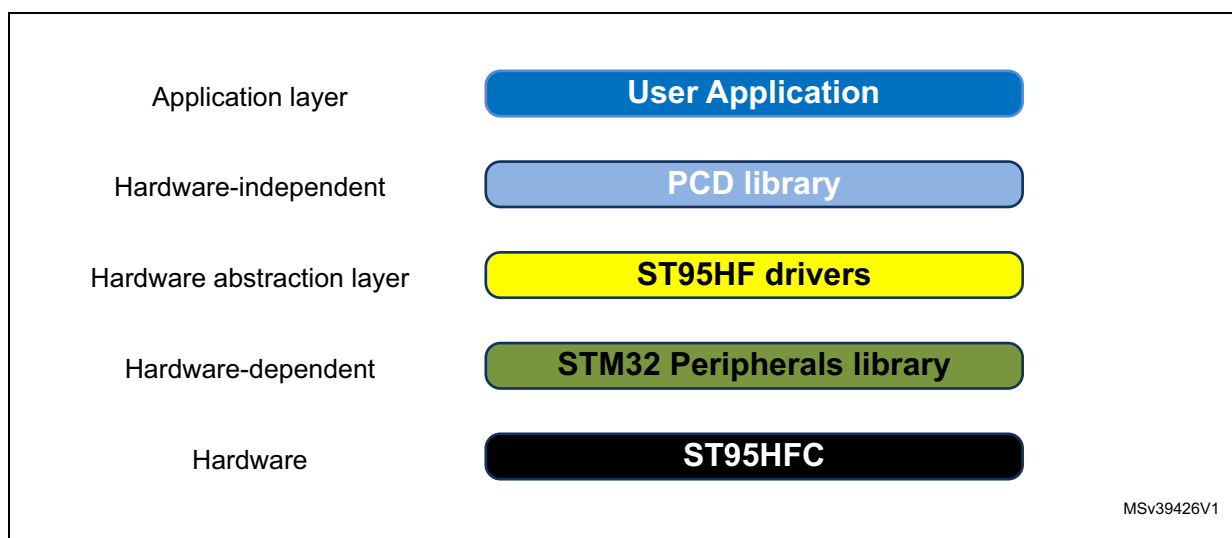- Based on STM32 MCU standard library.

Description

This package contains all source files to compile STSW-M24LR007 firmware for the transceiver demonstration board included in the M24LR-DISCOVERY kit.

The MCU used together with CR95HF is the STM32F103, they emulate a multiprotocol transceiver.

The system called reader is built on top of STM32 standard Lib software technology.

This software must be used in combination with a PC Software application, communicating through USB. If the communication is not established, the firmware enters into an autonomous tag hunting loop, turning on a red LED every time a tag is detected.

The software is an example of CR95HF capabilities in reader mode.

Application layer	**User Application**
Hardware-independent	**PCD library**
Hardware abstraction layer	**ST95HF drivers**
Hardware-dependent	**STM32 Peripherals library**
Hardware	**ST95HFC**

MSv39426V1

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1 Revision history

Table 1. Document revision history

Date	Revision	Changes
01-Dec-2015	1	Initial release.

IMPORTANT NOTICE – PLEASE READ CAREFULLY