STSW-95HF002

Visual Basic 6 or C/C++ application to control the CR95HF evaluation kit
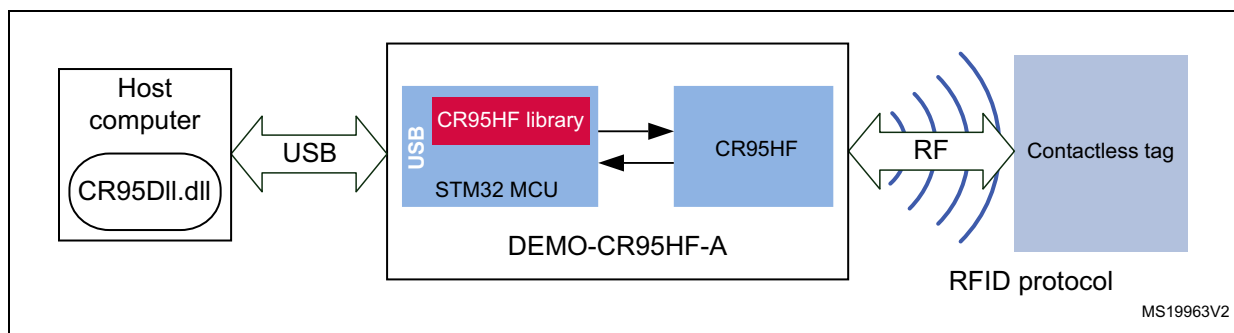
Data brief

Features

- The RF transceiver board is an RFID reader demonstration board and is composed, among other parts, of a CR95HF (13.56 MHz multi-protocol contactless transceiver IC with SPI and UART serial access) and a STM32 microcontroller
- The PC source code example shows how to control the CR95HF embedded in the RF transceiver board through the USB
- The software supports four RF protocols
  - ISO15693
  - ISO14443-A
  - ISO14443-B
  - ISO18092
- Able to read and write NDEF messages in any ST RF product
- Sample application to transmit NDEF message to a NFC device
- Driver included through a specific Dll

Description

The STSW-95HF002 software package contains source code examples to create a PC based application (Windows) to control the RF transceiver board included in the M24LR-DISCOVERY evaluation kit.

Several functions have been developed to control the RF transceiver using either Visual Basic 6 or C/C++ language.

With this sample code, the user will be able to develop his own application to control the CR95HF and communicate with any RF tag.

For further information contact your local STMicroelectronics sales office.

www.st.com

1 Revision history

Table 1. Document revision history

Date	Revision	Changes
16-Oct-2015	1	Initial release.

IMPORTANT NOTICE – PLEASE READ CAREFULLY

STMicroelectronics NV and its subsidiaries ("ST") reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST's terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers' products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.