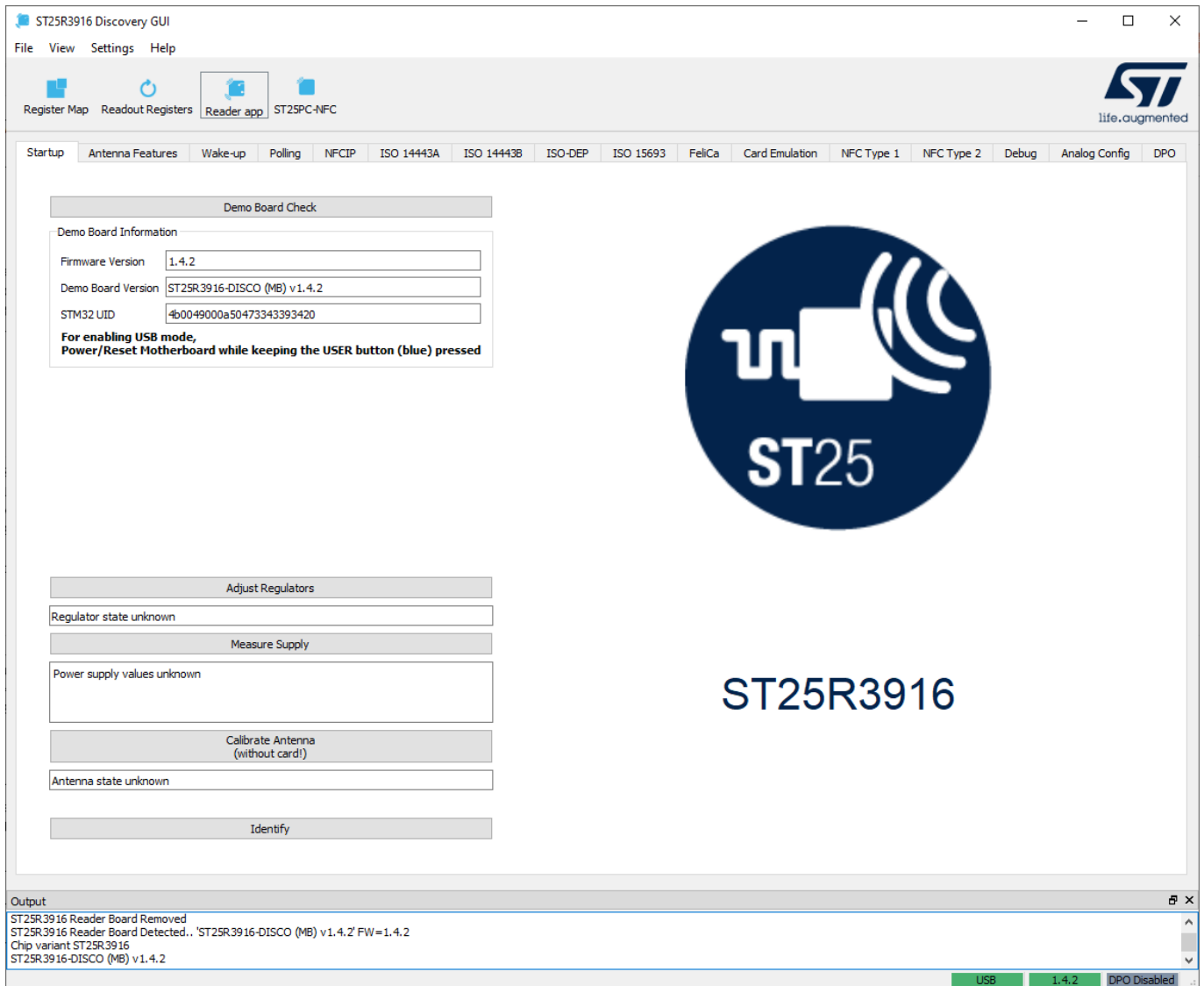


PC software for the ST25R3916-DISCO and STEVAL-25R3916B boards



Product status link

[STSW-ST25R010](#)

Features

- Supports several RF protocols and features
 - ISO14443-A / NFC-A
 - ISO14443-B / NFC-B
 - FeliCa / NFC-F
 - ISO15693 / NFC-V

- Active P2P (peer to peer) according to ISO18092, including SNEP
- ST25R3916/ST25R3916B wakeup feature
- Automatic antenna tuning
- ST25R3916/ST25R3916B register access
- Card emulation in NFC-A (106 kbps) and NFC-F (212 and 424 kbps)
- Access to all features of ST25 tags thanks to ST25PC NFC software
- Dynamic power output (DPO)
- ST25R3916/ST25R3916B analog configuration

Description

STSW-ST25R010 contains the ST25R3916 Discovery graphical user interface (GUI) to control the ST25R3916-DISCO and STEVAL-25R3916B boards from a Windows® PC.

This firmware features a USB controlled mode, enabled by the User button. In this mode the GUI allows the user to evaluate the features of the ST25R3916 and ST25R3916B devices, and helps in the development of NFC universal devices, or any other NFC application based on them.

STSW-ST25R010 is available for free download from www.st.com.

Revision history

Table 1. Document revision history

| Date | Version | Changes |
|-------------|---------|--|
| 07-Feb-2019 | 1 | Initial release. |
| 13-Sep-2022 | 2 | Introduced STEVAL-25R3916B boards for the evaluation of the ST25R3916B device, hence updated document title and image on cover page. Updated Features and Description . |



Contents

| | |
|------------------------|---|
| Revision history | 3 |
| List of tables | 5 |

List of tables

Table 1. Document revision history 3

IMPORTANT NOTICE – 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 acknowledgment.

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. For additional information about ST trademarks, refer to www.st.com/trademarks. 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.

© 2022 STMicroelectronics – All rights reserved