Graphical user interface for STUSB4531
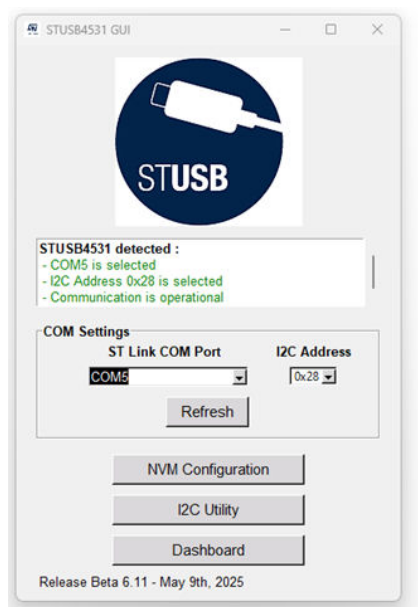

Features

- STUSB4531 non-volatile memory configuration
- USB-C PD dashboard
- I²C utility
- Offline mode

Description

The STSW-STUSB020 is a free graphical user interface (GUI) aimed at customizing the STUSB4531 IC seamlessly through direct access to the Non-volatile Memory (NVM).

The tool allows the user to read, configure and write to the NVM area without specific software skills, thanks to a graphical interface.

The GUI must be used in association with NUCLEO-C071RB or NUCLEO-F072RB boards connected to EVAL-SCS006V1 or EVAL-SCS007V1.

It can also be used in offline mode, i.e. without any connection to the STUSB4531.

Maturity status link
STSW-STUSB020

Related products
STUSB4531
EVAL-SCS006V1
EVAL-SCS007V1
NUCLEO-C071RB
NUCLEO-F072RB

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For further information, contact your local STMicroelectronics sales office.

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1 Configuration

Figure 1. STUSB4531 device configuration

Figure 2. STUSB4531 dashboard

Revision history

Table 1. Document revision history

Date	Revision	Changes
10-Oct-2025	1	Initial release.
24-Oct-2025	2	Updated related products on the cover page.

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