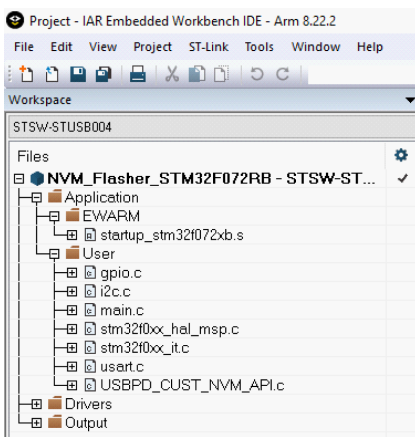


NVM customization tool



Features

- Open source code
- Environment set-up
 - NUCLEO-F072RB: STM32 Nucleo-64 development board with the STM32F072RB MCU
 - STSW-STUSB001 or STSW-STUSB002 graphical user interfaces
 - IAR 8.x: C code compiler

Description

The **STSW-STUSB004** is a software library enabling the STUSB4500, STUSB4700 and STUSB4710 non-volatile-memory customization. Open source software is available to speed-up the process or migrate to different environments.

A graphical user interface (GUI) is used to manually customize STUSB parameters (STSW-STUSB001 and STSW-STUSB002). Once frozen, the non-volatile-memory settings can be dumped by the GUI into an output file (STUSB-NVM.h). The **STSW-STUSB004** provides all the necessary software structures and functions to load automatically the file into the NVM.

Product status link

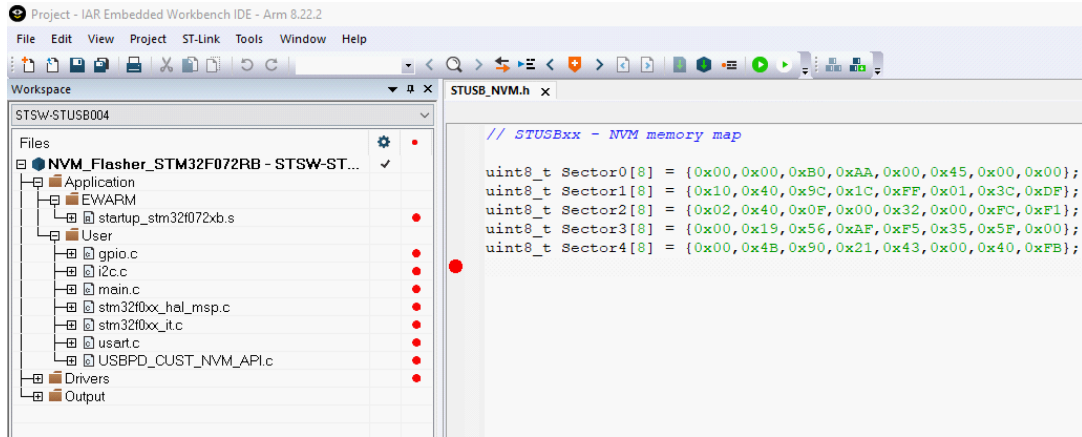
[STSW-STUSB004](#)

Related products

STUSB4500	Standalone USB PD controller (SINK)
STUSB4700	Standalone USB PD controllers (SOURCE)
STUSB4710	
STSW-STUSB001	STUSB4700 and STUSB4710 graphical user interface
STSW-STUSB002	STUSB4500 graphical user interface

1 NVM customization tool

Figure 1. NVM customization tool



Revision history

Table 1. Document revision history

Date	Version	Changes
19-Apr-2019	1	Initial release.
05-Dec-2020	2	Updated the title and the cover page

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