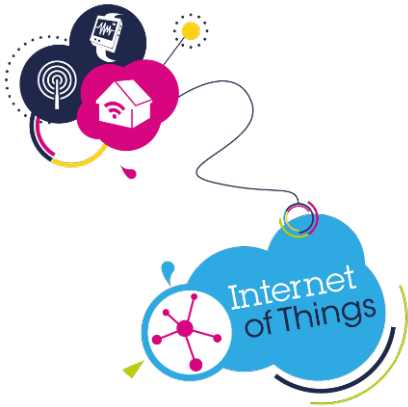


## The BlueNRG-1, BlueNRG-2 Flasher utility



### Features

- The STSW-BNRGFLASHER standalone PC utility allows the BlueNRG-1, BlueNRG-2 devices Flash to be read, mass erased, written and programmed
- UART mode through the BlueNRG-1, BlueNRG-2 preprogrammed UART bootloader to target Flash reading, mass erasing, writing and programming operations
- SWD mode through the BlueNRG-1, BlueNRG-2 standard SWD interface to target Flash reading, mass erasing, writing and programming operations
- The BlueNRG-1, BlueNRG-2 automatic application programming through SWD and UART interface
- MAC address programming at specific Flash location selected by user (SWD mode)
- Standalone Flasher launcher utility

### Description

The **STSW-BNRGFLASHER** is an SW package containing a standalone PC utility, which allows the BlueNRG-1, BlueNRG-2 devices Flash to be read, mass erased, written and programmed.

It supports the BlueNRG-1, BlueNRG-2 Flash access through both UART and SWD interfaces using, respectively, the internal device UART bootloader and the standard SWD interface.

It allows a MAC address to be stored on a specific Flash location selected by user, through the SWD interface. MAC address can be directly provided by user, read from an input file containing the MAC address list or set with incremental steps starting from a user provided MAC address value.

It also supports the automatic mode through SWD and UART interface, which allows user to enter a programming loop by connecting a new device platform to be programmed.

A standalone flasher launcher utility is also provided in the STSW-BNRFLASHER software package. This utility let you target Flash reading, mass erasing, writing and programming operations from a PC DOS window outside the Flasher GUI PC application context.

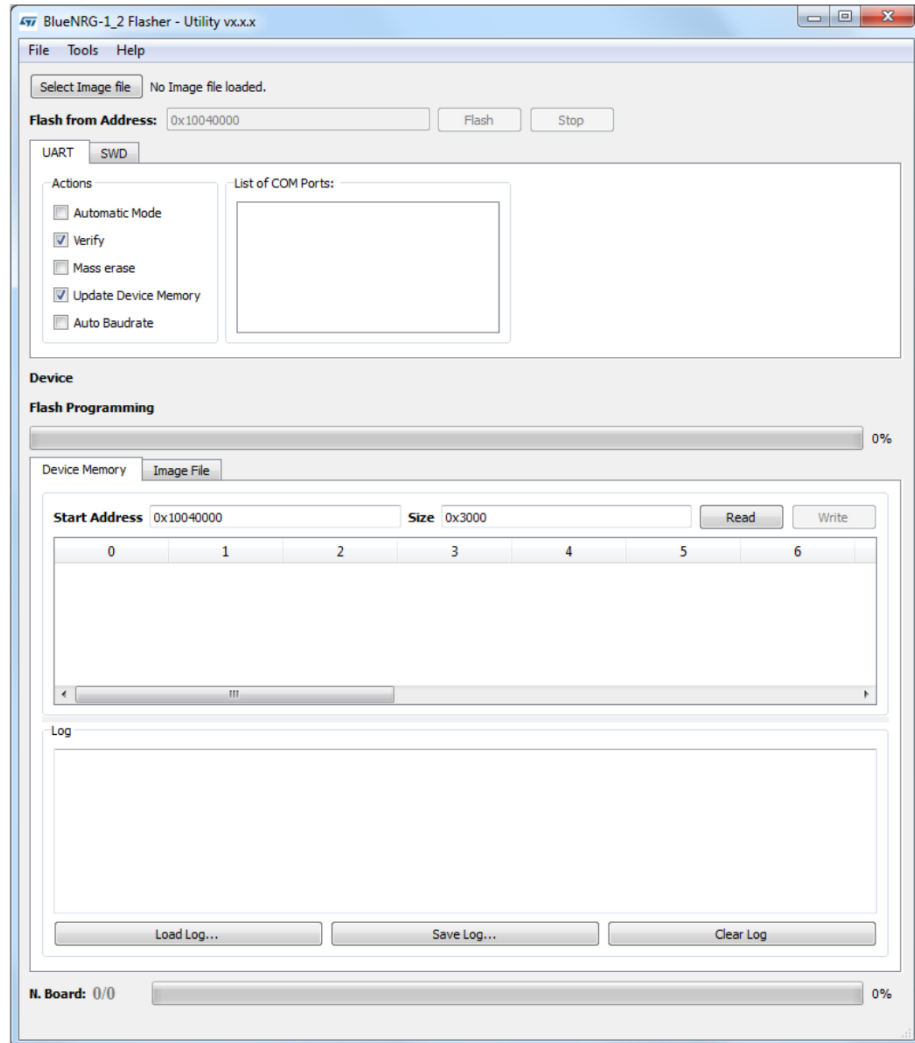
The **STSW-BNRGFLASHER** supports the STEVAL-IDB007V1, STEVAL-IDB007V2, STEVAL-IDB007V1M, STEVAL-IDB008V1, STEVAL-IDB008V2, STEVAL-IDB009V1 platforms (UART and SWD interface). It can be also used with other BlueNRG-1, BlueNRG-2 platforms through SWD interface or UART interface (provided that UART bootloader has been previously activated by the user).

Product status link

[STSW-BNRGFLASHER](#)

# 1 The BlueNRG-1, BlueNRG-2 Flasher PC utility

Figure 1. The BlueNRG-1, BlueNRG-2 Flasher PC utility



## Revision history

**Table 1. Document revision history**

Date	Version	Changes
27-Apr-2018	1	Initial release.
21-Jun-2018	2	Updated cover image, Section • Features, Section • Description and Section 1 The BlueNRG-1, BlueNRG-2 Flasher PC utility.
14-Feb-2019	3	Updated cover image and <a href="#">Figure 1. The BlueNRG-1, BlueNRG-2 Flasher PC utility</a> .

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