

## WiSE-Studio for BlueNRG-x devices: free IDE on Windows, Linux, MAC OS



### Features

- Eclipse IDE for the BlueNRG-LP, BlueNRG-1, BlueNRG-2 SoC devices
- Support for the BlueNRG-LP, BlueNRG-1, BlueNRG-2 evaluation platforms
- GCC C/C++ compiler
- GDB-based debugger
- SWD channel support
- No code size limit and free of charge
- OS support: Windows, Linux, MAC OS

### Description

The **STSW-WISE-STUDIO** package provides the WiSE-Studio Eclipse IDE, GCC toolchain based, supporting the BlueNRG-x Bluetooth Low Energy systems-on-chips (BlueNRG-1, BlueNRG-2 and BlueNRG-LP) and associated evaluation platforms.

The WiSE-STUDIO toolchain is provided free of charge for the user and it is based on standard GCC C/C++ compiler.

The tool offers an IDE environment allowing a specific user application to be built for the selected device, defining all the specific compile, assembler and linker options and to compile and run the application on the associated target device.

Furthermore, the tool offers standard debug capabilities to debug the user application through the selected SWD channel. CMSIS-DAP, J-Link, ST-Link/V2 are the supported SWD HW channels provided that the specific tool does not add any specific filter on the supported device.

For more information on how to use the tool, please refer to the “Quick start” section provided under “WiSE-Studio User Guide” in the Help menu of the tool.

Currently, Windows version is the only available version. Linux and MAC OS versions are going to come later on.

Product status link	
WiSE-STUDIO Eclipse based, GCC toolchain	<a href="#">STSW-WISE-STUDIO</a>
BlueNRG-LP SW development package	<a href="#">STSW-BNRGLP-DK</a>
BlueNRG-1, BlueNRG-2 SW development package	<a href="#">STSW-BLUENRG-1-DK</a>
Bluetooth® Low Energy/ wireless systems- on-chips	<a href="#">BlueNRG-LP, BlueNRG-1 and BlueNRG-2</a>
Evaluation platform based on the BlueNRG-LP	<a href="#">STEVAL-IDB011V1, STEVAL-IDB007V2, STEVAL-IDB008V2, STEVAL- IDB008V1M and STEVAL-IDB009V1</a>
Applications	<a href="#">wireless- connectivity</a>

## Revision history

**Table 1. Document revision history**

Date	Version	Changes
12-May-2021	1	Initial release.
10-Nov-2021	2	Updated the title, <a href="#">Section Features</a> and <a href="#">Section Description</a> .

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