

About this release note

This Release note contains information about the latest version of the ST-LINK/V2 firmware. It can be used to identify the version of the firmware currently running and, if necessary, to upgrade the firmware through the USB port.

Table 1 summarizes the tools covered by this document.

Table 1. Applicable tools

Type	Part number
Development tools	ST-LINK/V2

1 Host PC system requirements

PC and compatibles running with:

- Windows XP, Vista®, Windows Seven and Windows 8 32-bit operating systems
- Windows Vista®, Windows Seven and Windows 8 64-bit operating systems.

The application requires an ST-Link/V2 dedicated USB driver to be installed. In case the driver was not installed by the used toolset, it can be found on the ST-LINK/V2 page on the company website at www.st.com.

2 Changes in version 2.21.4

On ST-Link/V2, upgrade firmware to V2J21S4.

Corrections:

- Set NRST pin high, when exiting the firmware update mode.

3 Information about major previous release

3.1 Summary of changes in version 2.20.4

On ST-Link/V2, upgrade firmware to V2J20S4.

Corrections:

- Fixed regression appeared in V2J19 in SWV trace management.
- Fixed potential lockup condition in SWV trace management.

3.2 Summary of changes in version 2.19.4

On ST-Link/V2, upgrade firmware to V2J19S4.

New features:

- Fixed the issue about the RAM parity check error with some microcontrollers when reading misaligned RAM contents.
- Enhanced the SWV data flow (loosing data at 1024-bytes boundaries more rarely).
- Enhanced the target TNRST signal management for low-powered targets.

3.3 Summary of changes in version 2.16.4

- Added command for FPU registers access (STM32F3xxx and STM32F4xxx)
- Firmware compatible for boards with isolation
- Added command for board identification
- Added possibility of hot plug JTAG connection (without target hard reset)
- Fixed the limitation about power not activated in the debug domain during JTAG initialization sequence

4 Customer support

For more information or help concerning ST-LINK/V2, please contact the nearest sales office. For a complete list of ST offices and distributors, please refer to www.st.com.

5 Revision history

Table 2. Document revision history

Date	Revision	Changes
16-Oct-2012	1	Initial release.
24-Feb-2014	2	Added content for new version 2.19.4
18-Apr-2014	3	Added content for new version 2.20.4
02-June-2014	4	Added content for new version 2.21.4

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