
ST Visual Programmer for STM8 MCUs

Data brief

Features

- Free software
- Supports Motorola® S19 and Intel HEX formats
- Load, edit and save executable and/or data files generated by the Assembler/Linker or C compilers
- Erase, program, view and verify device Flash memory contents
- Project mode to automate all configuration and programming tasks
- Programming toolkit with C/C++ source files for creating a programming application based on ST Visual Programmer (STVP)
- STVP supports microcontroller programming via a complete range of hardware development tools and dedicated programmers, including:
 - ST-LINK in-circuit debugger/programmer for STM8 and STM32
 - RLink in-circuit debugger/programmer for STM8 and ST7
 - STice advanced emulators for STM8
 - ST7 Flash STICK in-circuit programmer
 - ST7-EPB programming board
 - ST7-DVP3 and DVP2 series emulators
 - ST7-EMU3 series emulators

Description

ST Visual Programmer (STVP-STM8) is a full-featured software interface for programming ST Flash microcontrollers. It provides an easy-to-use and efficient environment for reading, writing and verifying device memories and option bytes. STVP is delivered as part of the free ST MCU toolset, which includes the ST Visual Develop (STVD) integrated development environment and the ST Assembler Linker.

In addition, developers can take advantage of the Free Programming Toolkit with C/C++ sources for all the functions needed, to develop a customized programming interface based on STVP-STM8 for any supported ST programming hardware. It contains source code for all the functions that allow a programming application to access the STVP-STM8 low-level DLLs and program microcontrollers using any of the supported programming hardware and programming method (socket, in-circuit programming or in situ programming).

Revision history

Table 1. Document revision history

Date	Revision	Changes
25-Feb-2016	1	Initial release.

IMPORTANT NOTICE – PLEASE READ CAREFULLY

STMicroelectronics NV and its subsidiaries ("ST") reserve the right to make changes, corrections, enhancements, modifications, and improvements to ST products and/or to this document at any time without notice. Purchasers should obtain the latest relevant information on ST products before placing orders. ST products are sold pursuant to ST's terms and conditions of sale in place at the time of order acknowledgement.

Purchasers are solely responsible for the choice, selection, and use of ST products and ST assumes no liability for application assistance or the design of Purchasers' products.

No license, express or implied, to any intellectual property right is granted by ST herein.

Resale of ST products with provisions different from the information set forth herein shall void any warranty granted by ST for such product.

ST and the ST logo are trademarks of ST. All other product or service names are the property of their respective owners.

Information in this document supersedes and replaces information previously supplied in any prior versions of this document.

© 2016 STMicroelectronics – All rights reserved

