



1 Preface

1.1 About these release notes

This is Version 1.0 of the release notes for Release 4.0.3 of the ST6 family device programming software which is named "ST6 Windows Epromer", and abbreviated to "ST6-WINEE".

The version numbering system for this software release uses the format M.X.Y, where:

- M is the number which corresponds to a *major release* and is incremented when major new functionalities are added to or dramatically change in the software package. When this number is incremented, it resets X and Y to zero.
- X is incremented whenever a new release is created to add support of a new target or product, or when a product component is changed. When this number is incremented, it resets Y to zero.
- Y is incremented when the new release is created to fix bugs.

1.2 Customer support

For more information on this tool or if you need more help, please contact the nearest sales office, see "Contact List" below.

1.2.1 Software updates

You can get software updates from the ST Internet web site <http://mcu.st.com>. For information on firmware and hardware revisions, call your distributor or ST using the contact list given below.

1.2.2 Contact list

U.S. /Canada

For technical support, the US/Canada is split into 3 territories. According to your area, contact the nearest sales office and ask to be transferred to an 8-bit microcontroller Field Applications Engineer (FAE):

Canada and East coast

STMicroelectronics
Lexington Corporate Center
10 Maguire Road, Building 1, 3rd floor
Lexington, MA 02421
Phone: (781) 402-2650

Mid West

STMicroelectronics
1300 East Woodfield Road, Suite 410
Schaumburg, IL 60173
Phone: (847) 585-3000

West coast

STMicroelectronics, Inc.
28202 Cabot Road
Suite 650
Laguna Niguel, CA
Phone: (949) 347-0717

Europe

France (33-1) 47407575
Germany (49-89) 460060
U.K. (44-1628) 890800

Japan

(81-3) 3280-4120

Asia/Pacific Region

Hong-Kong (852) 2861 5700
Sydney (61-2) 9580 3811
Taipei (886-2) 2378-8088

2 READ ME FIRST

2.1 Host PC system requirements

ST6 Windows Epromer can be installed on PCs and compatibles running with Windows® 95, Windows® 98, Windows® 2000, Windows® NT® 4.0 or Windows® XP operating systems.

Note: *Installing WINDOWS EPROMER on a Windows® NT, Windows® 2000 or Windows® XP machine for hardware programming tools which use the parallel port on your host PC, will trigger the installation of the NT Driver "STM Parallel Driver" if it has not yet been installed. In this case, administrator rights are required.*

2.2 Installing the ST6 Windows Epromer

Your programming system comes with a CD-ROM that contains a number of ST6, ST7 and ST9 software tools. To install and setup the ST6 Windows Epromer software, follow these steps:

- Insert the *Microcontroller Development Tools* CD-ROM into your CD-ROM drive. The CD-ROM's autorun feature will open up a welcome screen on your PC. If this autorun feature does not work, use Windows® Explorer to browse to the CD-ROM's root folder, and double click on `Welcome.exe`.
- Use your mouse to place the cursor over the **ST6** option. Choose **ST6 Programming Software** from the list that appears
- The install wizard will be launched. Follow the instructions that appear on the screen.

After the installation is complete, configure the Windows Epromer by selecting, from the main menu, **Configure->Configure EPROMER**. In the window that appears, select your hardware programming system and the port connection by which it is connected to your PC.

2.3 Minimum programming hardware requirements

This version supports the following ST6 programming systems : ST6 Starter Kits, ST6 Eprom Programming Board (EPBs) and ST6 Gang Programmers.

3 Release information

3.1 What's new in release 4.0.3 ?

Bug fixes:

- Correct the Option Byte description of ST62x3X family devices (Bits D2 and D3 swapped).

3.2 Release information for previous releases

Release 4.0.2

- `hap1.dll` (v2.0.0.3): on the ST6 Starter-Kit, the Eprom programming time can be unstable when using PCs under Windows95/98. This problem has been solved.

Release 4.0.1

- OSD Tab is no longer missing for ST63xxx targets.
- Read and write access to EEPROM memory is now possible even if the Read Out Protection (ROP) has been set.
- The problem that occurred when programming ST62E3x device option bytes (error message "failed address 1700") has now been corrected.

Release 4.0.0

- New version numbering system applied.
- Known problems/limitations:
 - OSD Tab missing for ST63E1xx EPB and GANG targets

Graphical Interface Unit Release 3.3

- Improvements:
 - display global device checksum when loading *.HEX or *.s19 file (calculated without reserved area)
 - program EEPROM range area is not allowed for ST7 TOOLS
 - keep file extension (*.HEX or *.s19) during file Open/Save action
 - update `winee.hlp`
- Bug fixes:
 - Correction of file list in MRU-list
 - `epcore.dll` (v2.1) : check valid EEPROM area
 - `file.dll` (v2.1) : correction of minor bug

3.3 ST6 supported targets

- ST6 Starter Kits Release Pack 5:
Update EEPROM size (128 bytes) for ST62T42B, E42B, T45B, E45B devices
- ST6 EPB release Pack 5:
Updated EEPROM size (128 bytes) for ST62T42B, E42B, T45B, E45B devices
- ST6-GANG Releases Pack 5:
Updated EEPROM size (128 bytes) for ST62T42B, E42B, T45B, E45B devices

4 Known Limitations and Bugs

4.1 Generic limitations and bugs

None.

4.2 Known problems for ST6-EPB targets

- Connection of ST6-EPBs by COM2 port: You cannot use the COM2 port to connect ST6-EPBs supporting serial connections to the host PC running ST6-WINEE. However, connection via the COM1 port is fully supported.

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