

TOOLS SW e HW for STM8

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Today there are several hardware and software tools that can be used to develop STM8. In the pages below there are the recommended tools chosen for the excellent relationship between price and performance.

SOFTWARE

1) ST Library for STM8 is showed in the page below:



<http://www.st.com/mcu/familiesdocs-113.html#Firmware>

download:

STM8S FWLib	STM8S firmware library	1.1.1	Jun-2009
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2) ST IDE is in the link below:

<http://www.st.com/mcu/modules.php?name=mcu&file=familiesdocs&FAM=113#Software%20or%20Toolsmdt>

Software for Tools						
Reference	Description	Version	Date	Size	File	File
ST toolset	ST Visual Develop (STVD) 4.1.3 and ST Visual Programmer (STVP) 3.1.3 software releases – Software package includes IDE with advanced editor, project builder (supports Cosmic, and Raisonance C toolchains, and included ST assembler/linker), debugger with simulator, plus programming interface. Supports ST emulators, in-circuit debugger, Raisonance RLink and ST MCU programming tools.	Pack 19	Sep-2009			

3) COSMIC C Compiler is showed in the page below:

<http://www.cosmicsoftware.com/download.php>

download:

STMicroelectronics STM8 free tools (version)
Cosmic tools for STM8 STM8 family, free version limited to 16k.
Requires registration.

 [Download](#)









Install it and register it in order to have the license for the free 16K version.

HARDWARE

Raisonance, emulator STX-RLink

http://www.mcu-raisonance.com/mcu_downloads.html

Download the packages pointing by blue arrows, see below.

Name	Release date	Limitations	File
Ride7 ☆☆ version 7.24.09.0251	Sep, 09 2009	Limitations may apply for some supported families depending on the RKit and hardware tools used.	Ride7_BN55.exe   Release_notes_Ride7.txt
RKit-ARM ☆☆ version 1.22.09.0254	Sep, 15 2009	- Unlimited compiler - Unlimited debug with RLink-PRO - Debug limited to 32 KB with RLink-STD	RKit-ARM_BN55.exe  Release_notes_RKit-ARM.txt
RKit-STM8 ☆☆ version 2.24.09.0238	Aug, 27 2009	- RCSTM8 compiler: 1KB per object - RLSTM8 linker: 4KB - Free 16KB license available	RKit-STM8_BN87.exe   Release_notes_RKit-STM8.txt
RKit-Eval51 ☆☆ version 6.4.53	Sep, 02 2009	- For all supported vendors - Outputs code up to 4 KB	 kit51_761_eval.zip  Release_notes_RKit-51-BN761.txt
RKit-C816 ☆☆ version 1.00.09.0203	Jul, 24 2009	- 8 KB of instructions simulated	RKit-C816_BN41.exe  Release_notes_RKit-C816.txt

After downloading the packages install them with the sequence showed below.

[Ride7_BN55.exe](#)

[RKit-STM8_BN87.exe](#)

LINK

Il link di riferimento per i microcontrollori di STM è:

<http://www.st.com/mcu/index.html>

Il link di riferimento per STM8S è:

<http://www.st.com/mcu/inchtml-pages-stm8s.html>

Il link di riferimento per STM8L è:

<http://www.st.com/mcu/inchtml-pages-stm8s.html>

Il link di riferimento per i tolls HW/SW, manuali, Application Note ecc, è:

<http://www.st.com/mcu/familiesdocs-120.html>

Il link di riferimento per COSMIC è:

<http://www.cosmicsoftware.com/>

Il link di riferimento per RAISONANCE è:

<http://www.raisonance.com/>

Il link di riferimento per alcuni esempi è:

<http://emcu.altervista.org/>