RENESAS Tool News

Flash Development Toolkit Revised to V.4.03 Release 00

We have revised Flash Development Toolkit from V.4.02 Release 01 to V.4.03 Release 00. This toolkit is used to program flash memory of the MCUs in the SuperH RISC engine, M16C, H8SX, H8S, H8, R8C, and 740 families.

1. Descriptions of Revision

1.1 Supported MCUs Increased

The following MCUs have been added to the support line:

(1) In the SuperH RISC engine family
  SH7125 group: SH71250AF and SH71251AF
  SH7124 group: SH71240AF and SH71241AF
These MCUs are programmable via the RS-232C port, the HS0008EAUF1H board (an adaptor for programming flash MCUs on-board), or the E8a emulator with the interface for boot mode.

(2) In the M16C family
  R32C/100 series:
    R5F64166, R5F64167, R5F64168, R5F64169,
    R5F64176, R5F64177, R5F64178, R5F64179,
    R5F64187, R5F64188, R5F64189, R5F64201,
    R5F64213, R5F64515, R5F64525, R5F64535,
    R5F64563, and R5F64573
  M32C/80 series:
    M308B6FG and M308B8FG
These MCUs are programmable via the RS-232C port or the E8a emulator.

1.2 Supported Interfaces Increased

(1) The following MCUs can be programmable via the E8a emulator with the interface for boot mode in addition to RS-232C and HS0008EAUF1H:

H8/300H series:
   H8/3064F, H8/3064BF, and H8/3068F
H8/300H Super Low Power series:
   H8/38099F, H8/38776F and H8/38799F
H8/300L Super Low Power series:
   H8/38324F, H8/38344F, H8/38424 and H8/38444F

(2) The following MCUs can be programmable via RS-232C in addition to
   the E8a and E8 emulators:

M16C/Tiny series:
   M30281F8, M30281FA and M30281FC
M16C/60 series:
   M306N4FG and M306NKFJ
R8C/3x series:
   R5F21356A, R5F21355A, R5F21354A, R5F21336A,
   R5F21335A, R5F21334A, R5F21332A, R5F21331A,
   R5F21324A, R5F21322A, and R5F21321A

1.3 Script Function Improved
The "connect" command of the script can use ID code as a parameter.

2. A Problem Fixed
The following known problem has been fixed:
- With executing Flash Development Toolkit in Basic mode: When the
  toolkit is restarted, the setting of the clock, internal or external,
  of the target MCU is reset to the default one if Flash Development
  Toolkit is executed in Basic mode.
For details see RENESAS TOOL NEWS Document No. 081225/tn1 at:
   http://tool-support.renesas.com/eng/toolnews/081225/tn1.htm

3. Supporting OSes Increased
The 32-bit version of Windows Vista(R) has been added to the supporting
OSes of Flash Development Toolkit V.4.03 Release 00.
However you can't use it on the 64-bit version of Windows Vista(R).
In the 32-bit version of Windows Vista(R) environment:
- Allow to use this software product with standard privilege.
- Digital certificates applied to the installer of this software product.

4. How to Update Your Product
If you are using Flash Development Toolkit V.4, online update is
available free of charge.

To update yours, download the installer of the V.4.03 Release 00 product
from the Web site at:
  http://www.renesas.com/fdt_download
Then execute it.
This Web site will be opened from January 30 on.

If you are using V.4.00 Release 00 or later, AutoUpdate Utility is
also available to update yours.
This service will be provided from February 3 or later on.

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