RENESAS Tool News

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Flash Development Toolkit Revised to V.4.07 Release 01

We have revised Flash Development Toolkit from V.4.07 Release 00 to V.4.07 Release 01.
This product is used to program the flash ROMs of MCUs in the SuperH RISC engine, RX, 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 M16C/60 series, M16C family

- R5F36S1E and R5F36S16 (M16C/6S1 group)

The flash ROMs of these MCUs are programmable via the RS-232C cable or the E8a emulator. In the programming via the E8a, the 7-wired or 2-wired method is used.
To program a flash ROM, be sure to select the programming mode of the flash ROM as follows:

- Standard I/O mode 2 for the RS-232C cable
- Standard I/O mode 1 for the E8a emulator in 7-wired programming
- Standard I/O mode 3 for the E8a emulator in 2-wired programming

(2) In the M16C/60 series, M16C family

- R5F3651NC, R5F3651MC, R5F3651KC, R5F3650NC, R5F3650MC, and R5F3650KC (M16C/65C group)
- R5F3640MC and R5F3640KC (M16C/64C group)

The flash ROMs of these MCUs are programmable via the RS-232C cable or the E8a emulator. In the programming via the E8a, the 7-wired or single-wired method is used.
To program a flash ROM, be sure to select the programming mode of the flash ROM as follows:

- Standard I/O mode 2 for the RS-232C cable
- Standard I/O mode 1 for the E8a emulator in 7-wired programming
- Standard I/O mode 3 for the E8a emulator in single-wired programming

(3) In the R8C/Lx and R8C/3x series, R8C family
- R5F2L3ACM, R5F2L3AAM, R5F2L3A8M, and R5F2L3A7M (R8C/L3AM group)
- R5F2L38CM, R5F2L38AM, R5F2L388M, and R5F2L387M (R8C/L38M group)
- R5F2L36CM, R5F2L36AM, R5F2L368M, and R5F2L367M (R8C/L36M group)
- R5F2L35CM, R5F2L35AM, R5F2L358M, and R5F2L357M (R8C/L35M group)
- R5F213NCT, R5F213NAT, R5F213N8T, and R5F213N7T (R8C/3NT group)
- R5F213MCQ, R5F213MAQ, R5F213M8Q, R5F213M7Q, and R5F213M6Q (R8C/3MQ group)
- R5F2138CM, R5F2138AM, R5F21388M, R5F21387M, and R5F21386M (R8C/38M group)
- R5F2136CM, R5F2136AM, R5F21368M, R5F21367M, R5F21366M, R5F21365M, and R5F21364M (R8C/36M group)
- R5F2135CM, R5F2135AM, R5F21358M, and R5F21357M (R8C/35M group)
- R5F21344R (R8C/34R group)
- R5F21344P (R8C/34P group)

The flash ROMs of these MCUs are programmable via the RS-232C cable or the E8a emulator.

1.2 Supported Programming Interfaces Increased

The E1 and E20 emulators, in addition to the RS-232C cable and the E8a emulator, can be used as the interfaces for programming the flash ROMs of the following MCUs:

In the R8C/Lx and R8C/3x series, R8C family
- R5F2LA88A, R5F2LA87A, R5F2LA86A, and R5F2LA84A (R8C/LA8A group)
- R5F2LA68A, R5F2LA67A, R5F2LA66A, and R5F2LA64A (R8C/LA6A group)
- R5F2L3ACC, R5F2L3AAC, R5F2L3A8C, and R5F2L3A7C (R8C/L3AC group)
- R5F2L38CC, R5F2L38AC, R5F2L388C, and R5F2L387C (R8C/L38C group)
- R5F2L36CC, R5F2L36AC, R5F2L368C, and R5F2L367C (R8C/L36C group)
- R5F2L35CC, R5F2L35AC, R5F2L358C, and R5F2L357C (R8C/L35C group)
- R5F213J6C, R5F213J5C, R5F213J4C, and R5F213J2C (R8C/3JC group)
- R5F213G6C, R5F213G5C, R5F213G4C, R5F213G2C, and R5F213G1C (R8C/3GC group)
- R5F2138CZ, R5F2138AZ, and R5F21388Z (R8C/38Z group)
- R5F2138CY, R5F2138AY, and R5F21388Y (R8C/38Y group)
- R5F2138CX, R5F2138AX, and R5F21388X (R8C/38X group)
- R5F2138CW, R5F2138AW, and R5F21388W (R8C/38W group)
- R5F2138CC, R5F2138AC, R5F21388C, R5F21387C, and R5F21386C (R8C/38C group)
- R5F2136CZ, R5F2136AZ, and R5F21368Z (R8C/36Z group)
- R5F2136CY, R5F2136AY, and R5F21368Y (R8C/36Y group)
- R5F2136CX, R5F2136AX, and R5F21368X (R8C/36X group)
- R5F2136CW, R5F2136AW, and R5F21368W (R8C/36W group)
- R5F2136CC, R5F2136AC, R5F21368C, R5F21367C, R5F21366C,

R5F21365C, and R5F21364C (R8C/36C group)
- R5F2135CC, R5F2135AC, R5F21358C, R5F21357C, R5F21356C, R5F21355C, and R5F21354C (R8C/35C group)
- R5F2134CZ, R5F2134AZ, R5F21348Z, R5F21347Z, and R5F21346Z (R8C/34Z group)
- R5F2134CY, R5F2134AY, R5F21348Y, R5F21347Y, and R5F21346Y (R8C/34Y group)
- R5F2134CX, R5F2134AX, R5F21348X, R5F21347X, and R5F21346X (R8C/34X group)
- R5F2134CW, R5F2134AW, R5F21348W, R5F21347W, and R5F21346W (R8C/34W group)
- R5F21346C, R5F21345C, and R5F21344C (R8C/34C group)
- R5F21336T, R5F21335T, and R5F21334T (R8C/33T group)
- R5F21336C, R5F21335C, R5F21334C, R5F21332C, and R5F21331C (R8C/33C group)
- R5F21324C, R5F21322C, and R5F21321C (R8C/32C group)

1.3 Problem Fixed

The problem with using script command Exit has been resolved. For details of this problem, see RENESAS TOOL NEWS Document No. 110516/tn9 at:
http://tool-support.renesas.com/eng/toolnews/110516/tn9.htm

2. How to Update Your Product

If you are using Flash Development Toolkit V.4, online update is available free of charge. Update yours in either of the following ways:
(1) Use AutoUpdate Utility. This service will be available on and after July 4.
(2) Download the update program of the product from:
http://www.renesas.com/fdt_download
Then execute it. The update program will be published on this Web site on June 30.
The above URL is one of our global sites.

3. First Ordering

When you place an order for the product, supply the following items of information to your local Renesas Electronics sales office or distributor:

Product type: Flash Development Toolkit
Type name: R0C00000FDW04R
Host OS: 64-bit or 32-bit edition of Windows 7,
32-bit edition of Windows Vista, or

32-bit edition of Windows XP

4. How to Obtain the Evaluation Version

You can evaluate the functions and performances of Flash Development Toolkit before purchasing it. Download the evaluation version of Flash Development Toolkit from:

http://www.renesas.com/fdt_download

The installer will be published on this Web site on June 30.

The above URL is one of our global sites.

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