

RENESAS TOOL NEWS on April 16, 2010: 100416/tn2

## Flash Development Toolkit Revised to V.4.05 Release 01

We have revised Flash Development Toolkit from V.4.05 Release 00 to V.4.05 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.

For details of the product, go to:

<https://www.renesas.com/fdt>

The above URL is one of our global sites.

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### 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

- SH74552 and SH74562

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

##### (2) In the H8S family

- H8S/20114F, H8S/20115F, H8S/20214F, H8S/20215F, H8S/20234F and H8S/20235F

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

##### (3) In the R32C/117 group, R32C/100 series, M16C family

- R5F6417A and R5F6417B

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

##### (4) In the M16C/60 and M16C/50 series, M16C family

- R5F364AK (M16C/64A group)
- R5F35716, R5F35723, R5F35626, R5F35733, R5F35736, R5F3571E, R5F3572E, and R5F3573E (M16C/57 group)
- R5F35673, R5F3567E, R5F35683, R5F35686, and R5F3568E (M16C/56 group)
- R5F35L73, R5F35L76, and R5F35L7E (M16C/5L group)

The flash ROMs of these MCUs are programmable either via the RS-232C port or via the E8a emulator. In the E8a, use the 7-wired programming or the 2-wired programming method.

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 port
- Standard I/O mode 1 for the E8a emulator in the 7-wired programming
- Standard I/O mode 3 for the E8a emulator in the 2-wired programming

#### **(5) In the R8C/3x series, R8C family**

- R5F21388W, R5F2138AW, R5F2138CW, R5F21388X, R5F2138AX, R5F2138CX, R5F21388Y, R5F2138AY, R5F2138CY, R5F21388Z, R5F2138AZ, and R5F2138CZ (R8C/38W, /38X, /38Y, and /38Z groups)
- R5F21386C, R5F21387C, R5F21388C, R5F2138AC, and R5F2138CC (R8C/38C group)
- R5F21368W, R5F2136AW, R5F2136CW, R5F21368X, R5F2136AX, R5F2136CX, R5F21368Y, R5F2136AY, R5F2136CY, R5F21368Z, R5F2136AZ, and R5F2136CZ (R8C/36W, /36X, /36Y, and /36Z groups)
- R5F21364C, R5F21365C, R5F21366C, R5F21367C, R5F21368C, R5F2136AC, and R5F2136CC (R8C/36C group)
- R5F21357C, R5F21358C, R5F2135AC, and R5F2135CC (R8C/35C group)
- R5F21346W, R5F21347W, R5F21348W, R5F2134AW, R5F2134CW, R5F21346X, R5F21347X, R5F21348X, R5F2134AX, R5F2134CX, R5F21346Y, R5F21347Y, R5F21348Y, R5F2134AY, R5F2134CY, R5F21346Z, R5F21347Z, R5F21348Z, R5F2134AZ, and R5F2134CZ (R8C/34W, /34X, /34Y, and /34Z groups)
- R5F21344C, R5F21345C, and R5F21346C (R8C/34C group)

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

### **1.2 Supported Interfaces Increased**

In the M16C family, the flash ROMs of the following MCUs are programmable either via the RS-232C port or via the E8a emulator.

In the E8a, the 1-wired programming method can be used for them in addition to the 7- and 2-wired programming methods.

- R5F363A6, R5F363AE, R5F363AK, R5F363AM, R5F363B6, and R5F363BE (M16C/63 group)
- R5F36CA6, R5F36CAE, R5F36CAK, and R5F36CAM (M16C/6C group)

## **2. Problems Fixed**

The following known problems have been fixed:

(1) With selecting a programming destination

For details of the problem, see Renesas Tool News

Document No. 100316/tn4 at:

<https://www.renesas.com/search/keyword-search.html#genre=document&q=100316tn4>

(2) With using the toolkit in the Basic Simple Interface Mode

For details of the problem, see Renesas Tool News

Document No. 100401/tn5 at:

<https://www.renesas.com/search/keyword-search.html#genre=document&q=100401tn5>

### 3. Remaining Problem

The following problem still remains unfixed in the revised product:

- With performing the forced erase function in the M16C MCU family

For details, see Renesas Tool News Document No. 100416/tn3,

published on April 16, 2010. This item of news is also accessible at:

<https://www.renesas.com/search/keyword-search.html#genre=document&q=100416tn3>

This Web page will be opened from April 20.

## 4. How to Update Your Product and Purchase the Revised One

### 4.1 Updating

When 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 April 20.

(1) Download the update program of the product from:

[https://www.renesas.com/fdt\\_download](https://www.renesas.com/fdt_download)

Then execute it. This site will be opened on and after April 20.

The above URL is one of our global sites.

### 4.2 First Ordering

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

Product type: Flash Development Toolkit

Type name: R0C00000FDW04R

Host OS: Windows Vista(R), Windows(R) XP, or Windows(R) 2000

NOTICE: The product is incompatible with the 64-bit editions of Windows Vista(R) and Windows(R) XP

For the price of the product, also contact the above sales office or distributor.

The past news contents have been based on information at the time of publication. Now changed or invalid information may be included. The URLs in the Tool News also may be subject to change or become invalid without prior notice.

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