

RENESAS TOOL NEWS on October 31, 2011: 111031/tn1

Flash Development Toolkit Revised to V.4.08 Release 00

We have revised Flash Development Toolkit from V.4.07 Release 01 to V.4.08 Release 00. 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 Device Support

The following MCUs have been added to the support line:

(1) In the RX family

RX600 series:

- R5F5630E and R5F5630D (RX630 group)

The flash ROMs of these MCUs are programmable via the RS-232C or USB interface; or the E1 or E20 emulator.

RX200 series:

- R5F52108A, R5F52107A, R5F52106A, and R5F52105A (RX210 group)

The flash ROMs of these MCUs are programmable via the RS-232C interface; or the E1 or E20 emulator.

(2) In the H8S family

H8S/Tiny series:

- H8S/20102R, H8S/20103R, H8S/20114R, H8S/20115R, H8S/20202R, H8S/20203R, H8S/20214R, H8S/20215R, H8S/20222R, H8S/20223R, H8S/20234R, H8S/20235R, H8S/20322R, H8S/20323R, H8S/20334R, and H8S/20335R

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

(3) In the R8C family

R8C/Lx series:

- R5F2LA6AA and R5F2LA6CA (R8C/LA6A group)
- R5F2LA8AA and R5F2LA8CA (R8C/LA8A group)
- R5F2LAP6S, R5F2LAP7S, R5F2LAP8S, R5F2LAPAS, and R5F2LPCS

(R8C/LAPS group)

R8C/3x series:

- R5F213G2M, R5F213G4M, R5F213G5M, and R5F213G6M (R8C/3GM group)
- R5F213J2M, R5F213J4M, R5F213J5M, and R5F213J6M (R8C/3JM group)

The flash ROMs of these R8C/Lx and R8C/3x series MCUs are programmable via the RS-232C interface; or the E8a, E1, or E20 emulator.

R8C/5x series:

- R5F21546E, R5F21547E, R5F21548E, R5F2154AE, and R5F2154CE (R8C/54E group)
- R5F21566E, R5F21567E, R5F21568E, R5F2156AE, and R5F2156CE (R8C/56E group)
- R5F21546F, R5F21547F, R5F21548F, R5F2154AF, and R5F2154CF (R8C/54F group)
- R5F21566F, R5F21567F, R5F21568F, R5F2156AF, and R5F2156CF (R8C/56F group)
- R5F21546G, R5F21547G, R5F21548G, R5F2154AG, and R5F2154CG (R8C/54G group)
- R5F21566G, R5F21567G, R5F21568G, R5F2156AG, and R5F2156CG (R8C/56G group)
- R5F21546H, R5F21547H, R5F21548H, R5F2154AH, and R5F2154CH (R8C/54H group)
- R5F21566H, R5F21567H, R5F21568H, R5F2156AH, and R5F2156CH (R8C/56H group)

The flash ROMs of these R8C/5x series MCUs are programmable via the RS-232C interface; or the E1 or E20 emulator.

1.2 Interface Support

The revised product supports the E1 and the E20 emulator to program the flash ROMs of the following MCUs in addition to the RS-232C interface and the E8a emulator

(1) In the R8C/3x series, R8C family

- R5F21321M, R5F21322M, and R5F21324M (R8C/32M group)
- R5F21331M, R5F21332M, R5F21334M, R5F21335M, and R5F21336M (R8C/33M group)
- R5F21344M, R5F21345M, and R5F21346M (R8C/34M group)
- R5F21354M, R5F21355M, R5F21356M, R5F21357M, R5F21358M, R5F2135AM, and R5F2135CM (R8C/35M group)
- R5F21364M, R5F21365M, R5F21366M, R5F21367M, R5F21368M, R5F2136AM, and R5F2136CM (R8C/36M group)
- R5F21386M, R5F21387M, R5F21388M, R5F2138AM, and R5F2138CM (R8C/38M group)

- R5F21324G and R5F21326G (R8C/32G group)
- R5F21334G and R5F21336G (R8C/33G group)
- R5F21324H and R5F21326H (R8C/32H group)
- R5F21334H and R5F21336H (R8C/33H group)
- R5F21344P and R5F21346P (R8C/34P group)
- R5F21344R and R5F21346R (R8C/34R group)

(2) In the R8C/Lx series, R8C family

- R5F2L357M, R5F2L358M, R5F2L35AM, and R5F2L35CM (R8C/L35M group)
- R5F2L367M, R5F2L368M, R5F2L36AM, and R5F2L36CM (R8C/L36M group)
- R5F2L387M, R5F2L388M, R5F2L38AM, and R5F2L38CM (R8C/L38M group)
- R5F2L3A7M, R5F2L3A8M, R5F2L3AAM, and R5F2L3ACM (R8C/L3AM group)
- R5F2LA32A, R5F2LA34A, R5F2LA36A, and R5F2LA38A (R8C/LA3A group)
- R5F2LA52A, R5F2LA54A, R5F2LA56A, and R5F2LA58A (R8C/LA5A group)
- R5F213M6Q, R5F213M7Q, R5F213M8Q, R5F213MAQ, and R5F213MCQ (R8C/3MQ group)
- R5F213N7T, R5F213N8T, R5F213NAT, and R5F213NCT (R8C/3NT group)
- R5F213M6U and R5F213M8U (R8C/3MU group)
- R5F213M8K and R5F213MCK (R8C/3MK group)
- R5F21346U and R5F21348U (R8C/34U group)
- R5F21348K and R5F2134CK (R8C/34K group)

2. Capability Improved

In the previous versions, if "USB device" is selected in the list box of the Select USB Device dialog box, a problem may arise during the internal processing of Flash Development Toolkit, and the toolkit be terminated abnormally. In the revised product, this problem has been fixed.

3. Updating Your Product

If you are using Flash Development Toolkit V.4, online update is available free of charge. To update yours, use either of the following methods:

- (1) Use AutoUpdate Utility. This service will be available on and after October 31, 2011.

(2) Download the update program of the product from the Web site at:
http://www.renesas.com/fdt_download
Then execute it. The update program will be published on this site
on October 31.

4. Ordering

When you place an order for the product, supply the following items
of information to your local Renesas Electronics marketing 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

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