

RENESAS TOOL NEWS on January 16, 2008: 080116/tn6

Flash Development Toolkit Revised to V.4.01 Release 00

Flash Development Toolkit has been revised from V.4.00 Release 02 to V.4.01 Release 00. This tool kit is used for programming flash memory of the MCUs in the SuperH RISC engine, M16C, H8SX, H8S, H8, and 740 families.

1. Descriptions of Revision

1.1 Supported MCUs Increased

The following MCUs have been added to the support line:

(1) H8/36078F (in the H8/300H Tiny series, H8 family)

This MCU is programmable via the RS-232C port, the HS0008EAUF1H board (on-board programming adaptor board for flash MCUs), or the E8a emulator.

(2) R5F3640D (in the M16C/64 group, M16C/60 series, M16C family)

This MCU is programmable via the RS-232C port or the E8a or E8* emulator.

*The E8 emulator is discontinued product.

(3) R5F212E2, R5F212E4, R5F212F2, R5F212F4, R5F212G4, R5F212G5, R5F212G6, R5F212H1, R5F212H2, R5F212J0, R5F212J1, R5F212K2, R5F212K4, R5F212L2 and R5F212L4 (in the R8C/Tiny series, M16C family)

These MCUs are programmable via the E8a or E8 emulator.

(4) M38D29FF (in the 38000 series, 740 family)

This MCU is programmable via the E8a or E8 emulator.

For the supported device in the latest version, please refer to this pdf file.

This document will be renewed on and after January 21.

1.2 Supported Interfaces Increased

(1) **The E8a emulator** can be used for programming the following MCUs as well as RS-232C and HS0008EAUF1H:

H8S family	H8S/2639F and H8S/2638F
H8 family	H8/3694F, H8/3687F, H8/36014F, H8/36024F, H8/36037F, H8/36057F, H8/36064F, H8/36079F, H8/36087F

(2) **The RS-232C port** can be used for programming the following MCUs as well as the E8a and E8 emulators:

R8C/Tiny series	R5F21244, R5F21245, R5F21246, R5F21247, R5F21248, R5F21254, R5F21255, R5F21256, R5F21257, R5F21258
-----------------	--

(3) **The interface for the debugger for the E8a emulator** can be used for programming the following MCUs as well as RS-232C and HS0008EAUF1H:

H8/300H Tiny series	H8/36064F and H8/36079F
------------------------	----------------------------

1.3 Capabilities Introduced

(1) **Capability to write identification code:**

Writes information on and the serial code of your application system into the MCU's flash memory automatically.

(2) **Capability to tell linked pairs of emulator and software tool:**

Tells which emulator is communicating with which software tool when more than one E8a emulator is connected with the PC.

(3) **Capability to provide checksum information at data uploading:**

Provides the checksum of the specified address range when the data in your MCU's flash memory is uploaded (read out). This allows you to check to see whether the checksum information of

the specified range after uploading is correct or not.

2. How to Update Your Product

Free-of-charge online update is available. Download the installer of the latest program from the Web site at

http://www.renesas.com/fdt_download

and execute it. This site will be opened from January 21 on.

If you are using the V.4.00 Release 00 or later product, AutoUpdate Utility is available.

[Disclaimer]

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.

© 2010-2016 Renesas Electronics Corporation. All rights reserved.