

## Flash Development Toolkit Revised to V.4.02 Release 00

We have revised Flash Development Toolkit from V.4.01 Release 01 to V.4.02 Release 00. This toolkit is used for programming flash memory in the SuperH RISC engine, M16C, H8SX, H8S, H8, and 740 families of MCUs.

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### 1. Descriptions of Revision

#### 1.1 Supported MCUs Increased

The following MCUs have been added to the support line:

(1) The SuperH RISC engine family

MCUs of the product No. SH7137F and SH7136F

These MCUs are programmable via the RS-232C port, the HS0008EAUF1H board (on-board programming adaptor board for flash MCUs), or the E8a emulator with the interface for boot mode or interface for emulator mode selected.

(2) The H8S/Tiny series, H8S family

MCUs of the product No. H8S/20223F, H8S/20222F, H8S/20203F, H8S/20202F, H8S/20103F, and H8S/20102F

These MCUs are programmable via the RS-232C port, the HS0008EAUF1H board (on-board programming adaptor board for flash MCUs), or the E8a emulator with the interface for boot mode or interface for emulator mode selected.

(3) The R32C/111 group, R32C/100 series, M16C family

MCUs of the product No. R5F64116, R5F64115, R5F64114, R5F64112, R5F64111, and R5F64110

These MCUs are programmable via the RS-232C port or the E8a emulator with the interface for boot mode selected.

#### 1.2 Supported Interfaces Increased

- (1) The following MCUs of the H8 family are programmable via the E8a emulator with the interface for boot mode selected as well as the RS-232C port and the HS0008EAUF1H board.  
MCUs of the product No. H8/3684F, H8/36109F, H8/36094F, H8/36077F, H8/36074F, H8/36054F, H8/36049F, and H8/36034F
- (2) The following MCUs of the H8 family are programmable via the E8a emulator with the interface for emulator mode selected as well as the RS-232C port and the HS0008EAUF1H board.  
MCUs of the product No. H8/38447F, H8/38427F, H8/38347F, and H8/38327F

## 2. Problems Fixed

The following known problems have been fixed:

- (1) With taking E8aDirect as an argument of the "connect" script command  
For details see RENESAS TOOL NEWS Document No. 080516/tn4, published on May 16, 2008, on the Web page at  
<http://tool-support.renesas.com/eng/toolnews/080516/tn4.htm>
- (2) With using Flash Development Toolkit in combination with the E8a emulator  
For details see RENESAS TOOL NEWS Document No. 080616/tn9, published on June 16, 2008, on the Web page at  
<http://tool-support.renesas.com/eng/toolnews/080616/tn9.htm>

## 3. How to Update Your Product

Free-of-charge online update is available.

Download the installer program of the product's latest version from the Web site shown below and execute it.

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

The above URL is that of our global site (in English).

This site will be opened from July 30 on.

If you are using V.4.00 Release 00 or later, AutoUpdate Utility allows you to update your product. This service will be available on and after July 31.

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