

RENESAS TOOL NEWS on April 1, 2008: 080401/tn5

## E8 Emulator Software Revised to V.2.11 Release 00

We have revised the emulator software for the E8 on-chip debugging emulator from V.2.10 Release 00 to V.2.11 Release 00.

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### 1. Description of Revision

#### 1.1 Emulator Debuggers Revised

The following revised emulator debuggers are included in E8 Emulator Software V.2.11 Release 00:

- R8C/Tiny E8 Emulator Debugger V.2.07.00
- M16C/Tiny, M16C/62P E8 Emulator Debugger V.2.03.00
- M32C/80 E8 Emulator Debugger V.2.03.00
- H8/300H Tiny, H8/300H Super Low Power, H8/300L Super Low Power E8 Emulator Debugger V.1.06.00

#### 1.2 Supported MCUs Increased

The following MCUs have been added to the support line:

(1) In the R8C/Tiny series

R5F212E2 and R5F212E4 (R8C/2E group)

R5F212F2 and R5F212F4 (R8C/2F group)

R5F212G4, R5F212G5, and R5F212G6 (R8C/2G group)

R5F212H1 and R5F212H2 (R8C/2H group)

R5F212J0 and R5F212J1 (R8C/2J group)

R5F212K2 and R5F212K4 (R8C/2K group)

R5F212L2 and R5F212L4 (R8C/2L group)

(2) In the M16C/60 series

R5F3640D (M16C/64 group)

(3) In the H8/300H Super Low Power series

H8/38524F (H8/38524 group)

#### 1.3 A Change Made to the Specifications

In the H8/300H Tiny, H8/300H Super Low Power, H8/300L Super Low Power

E8 Emulator Debugger included in the product, the items in the Devices drop-down list have become presented in ascending order. This drop-down list is provided in the Emulator Setting dialog box that appears when the debugger is invoked.

## 1.4 Problems Fixed

The following problems have been fixed:

(1) In R8C/Tiny E8 Emulator Debugger, M16C/Tiny, M16C/62P E8 Emulator Debugger, and M32C/80 E8 Emulator Debugger

- If the Debugging of CPU rewrite mode is selected in the Emulator Setting dialog box that appears when the debugger is invoked, and then changes are made to the contents of the data flash area using the Memory or Watch window, the contents of the unchanged data flash area will be restored to the state before they have been CPU-reprogrammed by the user program.
- When the user program is loaded on the target system, no error messages may be dispatched even if the area of the user program is overlaid on the one occupied by E8 Emulator Debugger.

(2) In M16C/Tiny, M16C/62P E8 Emulator Debugger and M32C/80 E8 Emulator Debugger

- "Problem arising from a treatment of the MCU's pin connected with the BUSY pin on the emulator," RENESAS TOOL NEWS Document No. 071116/tn3. For details see the Web page at <http://tool-support.renesas.com/eng/toolnews/071116/tn3.htm>

(3) In R8C/Tiny E8 Emulator Debugger

- "With debugging systems designed with a member of the R8C/22 group of MCUs," RENESAS TOOL NEWS Document No. 071001/tn7. For details see the Web page at <http://tool-support.renesas.com/eng/toolnews/071001/tn7.htm>

## 2. Restriction

Note that on E8 Emulator Software V.2.11 Release 00 the following restrictions are still imposed:

(1) In R8C/Tiny E8 Emulator Debugger

"With debugging target systems designed with MCUs of the R8C/2G or R8C/2H group," RENESAS TOOL NEWS Document No. 080216/tn3. For details see the Web page at <http://tool-support.renesas.com/eng/toolnews/080216/tn3.htm>

(2) In M16C/Tiny, M16C/62P E8 Emulator Debugger

"With debugging target systems designed with the M16C family of

MCUs," RENESAS TOOL NEWS Document No. 080401/tn4.

For details see the Web page at

<http://tool-support.renesas.com/eng/toolnews/080401/tn4.htm>

This site will be opened on and after April 7.

(3) In M32C/80 E8 Emulator Debugger

"With debugging systems designed with any member of the M32C/80 MCU series," RENESAS TOOL NEWS Document No. 080316/tn2.

For details see the Web page at

<http://tool-support.renesas.com/eng/toolnews/080316/tn2.htm>

This site will be opened on and after April 7.

### 3. How to Update Your Product

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

[http://www.renesas.com/e8\\_download](http://www.renesas.com/e8_download)

and execute it. This site will be opened on and after April 8.

Or, use AutoUpdate Utility\*\* to update yours from April 8 on.

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

#### NOTICES

\*You are able to select either of the following two updating programs:

##### **(a) Full-package edition**

This edition contains the full set of the emulator debuggers for the E8 emulator, High-performance Embedded Workshop, the evaluation version of the C compiler package, the user's manual, and AutoUpdate Utility.

##### **(b) Debugger-package edition**

This only contains the full set of the emulator debuggers for the E8 emulator and High-performance Embedded Workshop.

When these updating programs are executed in the system where High-performance Embedded Workshop V.4.02.00 or earlier resides, it will be upgraded to V.4.03.00.

\*\*AutoUpdate Utility uses the debugger-package edition as the updating program for your product.

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