

RENESAS TOOL NEWS on December 1, 2009: 091201/tn1

E8a Emulator Software Revised to V.1.03 Release 03

We have revised E8a Emulator Software from V.1.03 Release 02 to V.1.03 Release 03. The emulator software and the E8a emulator are used to debug systems designed with MCUs of the M16C, R8C, H8S, H8, and 740 families.

For details of the product, go to:

<http://www.renesas.com/e8a>

1. Descriptions of Revision

1.1 Emulator Debuggers Revised

The following two emulator debuggers, which are included in E8a Emulator Software, have been revised both from V.1.03.01 to V.1.03.02:

- R8C E8a Emulator Debugger
- M16C E8a Emulator Debugger

1.2 Supported MCUs Increased

The following MCUs have been added to the support line:

(1) In the M16C/50 series

- R5F35L30, R5F35L23, R5F35L33, R5F35L26, R5F35L36, R5F35L2E, R5F35L3E, R5F35L80, R5F35L73, R5F35L83, R5F35L76, R5F35L86, R5F35L7E, and R5F35L8E (M16C/5L group)
- R5F35630, R5F35623, R5F35633, R5F35626, R5F35636, R5F3562E, R5F3563E, R5F35680, R5F35673, R5F35683, R5F35676, R5F35686, R5F3567E, and R5F3568E (M16C/56 group)

(2) In the M16C/60 series

- R5F36B4B and R5F36B3E (M16C/6B group)

(3) In the R8C/3x series

- R5F21321C, R5F21322C, and R5F21324C (R8C/32C group)
- R5F21331C, R5F21332C, R5F21334C, R5F21335C, and R5F21336C (R8C/33C group)

- R5F21347C, R5F21348C, R5F2134AC, and R5F2134CC (R8C/34C group)
- R5F21354C, R5F21355C, R5F21356C, R5F21357C, R5F21358C, R5F2135AC, and R5F2135CC (R8C/35C group)
- R5F21364C, R5F21365C, R5F21366C, R5F21367C, R5F21368C, R5F2136AC, and R5F2136CC (R8C/36C group)
- R5F21386C, R5F21387C, R5F21388C, R5F2138AC, and R5F2138CC (R8C/38C group)
- R5F213G1C, R5F213G2C, R5F213G4C, R5F213G5C, and R5F213G6C (R8C/3GC group)
- R5F213J2C, R5F213J4C, R5F213J5C, and R5F213J6C (R8C/3JC group)
- R5F21321D, R5F21322D, and R5F21324D (R8C/32D group)
- R5F21331D, R5F21332D, R5F21334D, R5F21335D, and R5F21336D (R8C/33D group)
- R5F21354D, R5F21355D, and R5F21356D (R8C/35D group)
- R5F213G1D, R5F213G2D, R5F213G4D, R5F213G5D, and R5F213G6D (R8C/3GD group)
- R5F21334T, R5F21335T, and R5F21336T (R8C/33T group)

(4) In the R8C/Lx series

- R5F2L357C, R5F2L358C, R5F2L35AC, and R5F2L35CC (R8C/L35C group)
- R5F2L367C, R5F2L368C, R5F2L36AC, and R5F2L36CC (R8C/L36C group)
- R5F2L387C, R5F2L388C, R5F2L38AC, and R5F2L38CC (R8C/L38C group)
- R5F2L3A7C, R5F2L3A8C, R5F2L3AAC, and R5F2L3ACC (R8C/L3AC group)

1.2 I/O Files Added

The I/O files for the following MCU groups have been added:

- M16C/6B
- R8C/L35A, R8C/L36A, R8C/L38A, and R8C/L3AA
- R8C/L35B, R8C/L36B, R8C/L38B, and R8C/L3AB

2. Notice

In M16C E8a Emulator Debugger, a problem arises when you execute any of the commands for Memory Space Expansion Function 4MB Mode.

For details of the problem, see RENESAS TOOL NEWS Document No.091201/tn2, published on December 1, 2009. This item of news is also accessible on and after December 4 at:

<http://tool-support.renesas.com/eng/toolnews/091201/tn2.htm>

3. How to Update Your Product

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 December 8.

(2) Download the update program of the emulator debugger you want from:

http://www.renesas.com/e8a_download

Then execute it. This Web site will be opened from December 4.

NOTICE:

You can update yours to V.1.03 Release 03 only by using either or both of the update programs in the type of debugger package edition. The names of the update programs are as follows:

- R8C E8a Emulator Debugger V.1.03.02
- M16C E8a Emulator Debugger V.1.03.02

They only contain R8C E8a Emulator Debugger and M16C E8a Emulator Debugger respectively; and the user's manual of the E8a emulator.

Since High-performance Embedded Workshop is not included in the update programs, install its V.4.05.01 product or a later one onto your PC in advance if yours is earlier than V.4.05.01.

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