

RENESAS TOOL NEWS on March 19, 2010: 100319/tn1

E8a Emulator Software Revised to V.1.03 Release 04

We have revised E8a Emulator Software from V.1.03 Release 03 to V.1.03 Release 04. This emulator software and the E8a emulator are used to debug systems designed with MCUs of the M16C, R8C, H8S, H8, and 740 families.

1. Descriptions of Revision

1.1 Emulator Debuggers Revised

In the emulator debuggers included in the emulator software, the following are revised:

- R32C E8a Emulator Debugger from V.1.00.01 to V.1.00.02
- M16C E8a Emulator Debugger from V.1.03.02 to V.1.03.03
- R8C E8a Emulator Debugger from V.1.03.02 to V.1.03.03

1.2 Supported Interfaces Increased

When the system designed with the MCUs listed below are debugged, the 1-wire debugging interfaces in the MCUs can be used.

- M16C/63 group
- M16C/6C group

Note that there are some conditions to use this interfaces.

For details of the conditions, see Technical Update "M16C/63 Group, M16C/6C Group Easing the Limitation of the Debugging Interface", to be published in April, 2010.

1.3 Supported MCUs Increased

The following MCUs have been added to the support line:

(1) In the R32C/100 series

- R5F6411E (the R32C/111 group)
- R5F6417A and R5F6417B (the R32C/117 group)
- R5F64206, R5F64207, R5F6420A, and R5F6420B (the R32C/120 group)
- R5F64216, R5F64217, R5F64218, R5F64219, R5F6421A, R5F6421B,

R5F6421C, and R5F6421D (the R32C/121 group)

(2) In the M16C/50 series

- R5F35M23, R5F35M33, R5F35M73, R5F35M83, R5F35M16, R5F35M26, R5F35M36, R5F35M66, R5F35M76, R5F35M86, R5F35M1E, R5F35M2E, R5F35M3E, R5F35M6E, R5F35M7E, R5F35M8E, R5F35MB3, R5F35MC3, R5F35ME3, R5F35MF3, R5F35MA6, R5F35MB6, R5F35MC6, R5F35MD6, R5F35ME6, R5F35MF6, R5F35MAE, R5F35MBE, R5F35MCE, R5F35MDE, R5F35MEE, and R5F35MFE (the M16C/5M group)

(3) In the M16C/60 series

- R5F365x6B, R5F365xEB, R5F365xKB, R5F365xMB, and R5F365xNB (the M16C/65B group)

(4) In the R8C/3x series

- R5F21344C, R5F21345C, and R5F21346C (the R8C/34C group)
- R5F213J4T, R5F213J5T, and R5F213J6T (the R8C/3JT group)

1.3 I/O Files Increased

The following I/O files have been added to the file library:

- For the R32C/120 group
- For the R8C/36A, R8C/38A, R8C/3GA, R8C/3JA, R8C/32C, R8C/33C, R8C/35C, R8C/36C, and R8C/38C groups

2. Unfixed Problems

In M16C E8a Emulator Debugger V.1.03.03, the following problems still arise:

(1) Problem with executing commands for [the] Memory Space Expansion Function 4MB Mode [mode]

For details, see RENESAS TOOL NEWS Document No. 091201/tn2.

This item of news is also accessible at:

<https://www.renesas.com/search/keyword-search.html#genre=document&q=091201tn2>

(2) Problem with performing step-over or step-out execution

For details of this newly found problem, see RENESAS TOOL NEWS Document No. 100319/tn2, published on March 19, 2010.

This item of news is also accessible at:

<https://www.renesas.com/search/keyword-search.html#genre=document&q=100319tn2>

The Web page will be opened from March 19.

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 March 23.

(2) Download the update program of the product from:

https://www.renesas.com/e8a_download
Then execute it. This Web site will be opened from March 19.

NOTICE:

You can update yours to V.1.03 Release 04 by using only the debugger package edition. The debugger package edition contains the following update programs and their respective user's manuals:

- R8C E8a Emulator Debugger V.1.03.03
- M16C E8a Emulator Debugger V.1.03.03
- R32C E8a Emulator Debugger V.1.00.02

Since High-performance Embedded Workshop is not included in the package, 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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