

RENESAS TOOL NEWS on March 29, 2011: 110329/tn1

M16C R8C E100 Emulator Software Revised to V.1.03 Release 00

To R0E521300MCU00 (MCU unit for the R8C/3x series) Users

If R0E521300MCU00 is used with M16C R8C E100 Emulator Software V.1.03 Release 00, a problem is occur. Use R0E521300MCU00 with any of the following products: M16C R8C E100 Emulator Software V.1.01 Release 00, V.1.02 Release 00, V.1.02 Release 01 and V.1.03 Release 01

For details of the problem, see RENESAS TOOL NEWS Document No. 110427/tn1 and 110616/tn3.

We have revised M16C R8C E100 Emulator Software from V.1.02 Release 01 to V.1.03 Release 00. M16C R8C E100 Emulator Software is used in combination with the E100 emulator. To see an overview of the emulator software products for the E100, click "Debug Functions" on the top left menu of the E100 at:

<http://www.renesas.com/e100>

The above URL is one of our global sites.

1. Descriptions of Revision

1.1 Supported MCUs Increased

The following MCUs have been added to the support line:

- R5F364AK

(M16C/64A group, M16C/60 series, M16C family)

- R5F365*6, R5F365*E, R5F365*K, R5F365*M, R5F365*N, R5F365*R, and R5F365*T

(M16C/65 group, M16C/60 series, M16C family)

- 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

(M16C/5M group, M16C/50 series, M16C family)

- R5F35723, R5F35733, R5F35773, R5F35783,

- R5F35716, R5F35726, R5F35736, R5F35766, R5F35776, R5F35786,
R5F3571E, R5F3572E, R5F3573E, R5F3576E, R5F3577E, and R5F3578E
(M16C/57 group, M16C/50 series, M16C family)
- R5F21321C, R5F21322C, and R5F21324C
(R8C/32C group, R8C/3x series, R8C family)
 - R5F21321D, R5F21322D, and R5F21324D
(R8C/32D group, R8C/3x series, R8C family)
 - R5F21321M, R5F21322M, and R5F21324M
(R8C/32M group, R8C/3x series, R8C family)
 - R5F21324G and R5F21326G
(R8C/32G group, R8C/3x series, R8C family)
 - R5F21324H and R5F21326H
(R8C/32H group, R8C/3x series, R8C family)
 - R5F21331C, R5F21332C, R5F21334C, R5F21335C, and R5F21336C
(R8C/33C group, R8C/3x series, R8C family)
 - R5F21331D, R5F21332D, R5F21334D, R5F21335D, and R5F21336D
(R8C/33D group, R8C/3x series, R8C family)
 - R5F21334G and R5F21336G
(R8C/33G group, R8C/3x series, R8C family)
 - R5F21334H and R5F21336H
(R8C/33H group, R8C/3x series, R8C family)
 - R5F21331M, R5F21332M, R5F21334M, R5F21335M, and R5F21336M
(R8C/33M group, R8C/3x series, R8C family)
 - R5F21344C, R5F21345C, and R5F21346C
(R8C/34C group, R8C/3x series, R8C family)
 - R5F21344M, R5F21345M, and R5F21346M
(R8C/34M group, R8C/3x series, R8C family)
 - R5F21346P
(R8C/34P group, R8C/3x series, R8C family)
 - R5F21346R
(R8C/34R group, R8C/3x series, R8C family)
 - R5F21346W, R5F21347W, R5F21348W, R5F2134AW, and R5F2134CW
(R8C/34W group, R8C/3x series, R8C family)
 - R5F21346X, R5F21347X, R5F21348X, R5F2134AX, and R5F2134CX
(R8C/34X group, R8C/3x series, R8C family)
 - R5F21346Y, R5F21347Y, R5F21348Y, R5F2134AY, and R5F2134CY
(R8C/34Y group, R8C/3x series, R8C family)
 - R5F21346Z, R5F21347Z, R5F21348Z, R5F2134AZ, and R5F2134CZ
(R8C/34Z group, R8C/3x series, R8C family)
 - R5F21354C, R5F21355C, R5F21356C, R5F21357C, R5F21358C, R5F2135AC,
and R5F2135CC
(R8C/35C group, R8C/3x series, R8C family)
 - R5F21354D, R5F21355D, and R5F21356D
(R8C/35D group, R8C/3x series, R8C family)
 - R5F21354M, R5F21355M, R5F21356M, R5F21357M, R5F21358M, R5F2135AM,

and R5F2135CM

(R8C/35M group, R8C/3x series, R8C family)

- R5F21364C, R5F21365C, R5F21366C, R5F21367C, R5F21368C, R5F2136AC, and R5F2136CC

(R8C/36C group, R8C/3x series, R8C family)

- R5F2136AM, R5F2136CM, R5F21364M, R5F21365M, R5F21366M ,R5F21367M, and R5F21368M

(R8C/36M group, R8C/3x series, R8C family)

- R5F21368W, R5F2136AW, and R5F2136CW

(R8C/36W group, R8C/3x series, R8C family)

- R5F21368X, R5F2136AX, and R5F2136CX

(R8C/36X group, R8C/3x series, R8C family)

- R5F21368Y, R5F2136AY, and R5F2136CY

(R8C/36Y group, R8C/3x series, R8C family)

- R5F21368Z, R5F2136AZ, and R5F2136CZ

(R8C/36Z group, R8C/3x series, R8C family)

- R5F21386C, R5F21387C, R5F21388C, R5F2138AC, and R5F2138CC

(R8C/38C group, R8C/3x series, R8C family)

- R5F2138AM, R5F2138CM, R5F21386M, R5F21387M, and R5F21388M

(R8C/38M group, R8C/3x series, R8C family)

- R5F21388W, R5F2138AW, and R5F2138CW

(R8C/38W group, R8C/3x series, R8C family)

- R5F21388X, R5F2138AX, and R5F2138CX

(R8C/38X group, R8C/3x series, R8C family)

- R5F21388Y, R5F2138AY, and R5F2138CY

(R8C/38Y group, R8C/3x series, R8C family)

- R5F21388Z, R5F2138AZ, and R5F2138CZ

(R8C/38Z group, R8C/3x series, R8C family)

1.2 Functions Introduced

- (1) Real-time OS aware debugging function enhanced

To enhanced the debugging functions for systems using real-time OSes, the following windows have been added:

- OS Trace window
- OS Analyze window

Note that the above windows support the MCUs of the M16C/60 and the M16C/50 series only. They do not support any MCU of the R8C/3x series, so never use these windows in such a case. If used, the windows may not operate properly.

- (2) Notification function of an access to address 0 introduced

If address 00000h or 00001h is read out except when an interrupt is serviced, a warning for notifying this read is displayed in the Extended Monitor window.

- (3) Warning function against loading programs onto reserved areas Introduced

If you start loading a program onto any area except ROM, RAM, and external areas, a warning for notifying the illegal operation is displayed in the Output window.

- (4) Step-execution function with an input to RESET masked introduced
Even if the Mask the terminal RESET check box is selected in the Configuration Properties dialog box that appears when the debugger is started, the debugger can perform step execution whenever the RESET signal is in the LOW state.

1.3 Compatibility with Windows(R) 7

The revised product has been made compatible with the 64-bit and the 32-bit editions of Windows(R) 7.

2. How to Update Your Product

To R0E521300MCU00 (MCU unit for the R8C/3x series) Users

If R0E521300MCU00 is used with M16C R8C E100 Emulator Software V.1.03 Release 00, a problem is occur.

Use R0E521300MCU00 with any of the following products:

M16C R8C E100 Emulator Software V.1.01 Release 00, V.1.02 Release 00, V.1.02 Release 01 and V.1.03 Release 01.

For details of the problem, see RENESAS TOOL NEWS Document No. 110427/tn1 and 110616/tn3.

Online update is available free of charge.

Download the update program of the product from:

http://www.renesas.com/e100_download

Then execute it. The update program will be published from April 28.

The above URL is one of our global sites.

NOTICE:

If the above update is executed in the system where High-performance Embedded Workshop V.4.07.01 or earlier resides, it will also be updated to V.4.08.00.

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