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An MCU Unit for the E100 Emulator, R0E521300MCU00, Supports More MCUs

The MCU unit for the R8C/3x series R0E521300MCU00 supports more MCUs. This MCU unit is used together with the E100 emulator.

For details of the product, see:

<https://www.renesas.com/products/software-tools/tools/emulator/e100--r0e521300mcu00.html>

The above URL is one of our global sites.

1. Description

To the support line of the R0E521300MCU00 MCU unit, the MCUs of the following groups have been added:

- R8C/33G, /33H, /32M, /33M, /34M, /34W, /34X, /34Y, /34Z, /35M, /36W, /36X, /36Y, /36Z, /38W, /38X, /38Y, and /38Z

Note, however, that to emulate your systems, you need to use the MCU file and the optional converter board for each group of MCUs. For how to obtain the installer of MCU files, see Section 2, and for converter boards, see Section 3.

2. How to Obtain and Install MCU Files

2.1 In the R8C/33G and /33H Groups

To obtain and install the MCU files for these groups, follow the steps described below.

The installer for these MCU files can install the MCU files for the R8C/38C, /36C, /35C, /34C, /33C, /32C, /35D, /33D, and /32D groups in addition. If the MCU files for the R8C/38C, /36C, /35C, /34C, /33C, /32C, /35D, /33D, and /32D groups have already been installed, they are overwritten.

- (1) Check to see that the version of your M16C R8C E100 Emulator Debugger is V.1.02 Release 01. If yours is earlier than this, update yours to V.1.02 Release 01. The update program can be downloaded from:

https://www.renesas.com/e100_download

The above URL is one of our global sites.

(2) Obtain and install the MCU files as follows:

a. Download the .zip file provided by the Web page at:

http://tool-support.renesas.com/autoupdate/support/eng/download/r8c_3x.htm

This Web page will be opened from November 19.

b. Decompress the downloaded .zip file to obtain the following files:

- r0e521300mcu00_mcufiles_installer_100716.exe (installer)

- r20ut0300ej0800_e521300mcu.pdf (release note in English)

c. If two or more emulator debuggers have been installed, make M16C R8C E100 Emulator Debugger active.

d. Execute the installer and follow the instructions on-screen to install the MCU files.

(3) Check to see that the MCU files have been installed successfully.

To do so, invoke M16C R8C E100 Emulator Debugger, and if the names of the R8C/33G and /33H groups are displayed in the Group column of the Device Settings dialog box, the MCU files have been installed successfully. If these names are not displayed, redo steps c and d above.

(4) Be sure to read through the release note before using the MCU unit.

2.2 In the R8C/32M, /33M, /34M, /34W, /34X, /34Y, /34Z, /35M, /36W, /36X,

/36Y, /36Z, /38W, /38X, /38Y, and /38Z Groups

No MCU files specific to these groups are provided, so use the following MCU files as the substitutes:

MCU group	Substitute
R8C/32M	MCU file for R8C/32C group (See NOTE.)
R8C/33M	MCU file for R8C/33C group (See NOTE.)
R8C/34M	MCU file for R8C/34C group (See NOTE.)
R8C/34W	MCU file for R8C/34E group
R8C/34X	MCU file for R8C/34F group
R8C/34Y	MCU file for R8C/34G group
R8C/34Z	MCU file for R8C/34H group
R8C/35M	MCU file for R8C/35C group (See NOTE.)
R8C/36W	MCU file for R8C/36E group
R8C/36X	MCU file for R8C/36F group
R8C/36Y	MCU file for R8C/36G group
R8C/36Z	MCU file for R8C/36H group

R8C/38W	MCU file for R8C/38E group
R8C/38X	MCU file for R8C/38F group
R8C/38Y	MCU file for R8C/38G group
R8C/38Z	MCU file for R8C/38H group

NOTE: Obtain these MCU files by using the installer described in 2.1.

3. Converter Boards

Ordering information about the optional converter board for the R8C/33G and /33H groups is as follows:

The converter board for connecting the 32-pin 0.8-mm-pitch LQFP

Product type: R0E53033GCFG90

Type name: R0E53033GCFG90

The set package consisting of this converter board, the E100 emulator, and the R0E521300MCU00 MCU unit is available. For details, see:

https://www.renesas.com/e100_set

This Web site will be opened from November 19.

The above URL is one of our global sites.

For ordering information about the optional converter boards for the following groups, see the above Web site:

- R8C/32M, /33M, /34M, /34W, /34X, /34Y, /34Z, /35M, /36W, /36X, /36Y, /36Z, /38W, /38X, /38Y, and /38Z groups

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