

## Supported MCUs Increased in the Emulation Probe--R0E521000EPB00-- and the Compact Emulator--R0E521000CPE00-- for the R8C/Tiny MCU Series

The R8C/2A, R8C/2B, R8C/2C, and R8C/2D MCU groups have been added to the support line of the emulation probe--R0E521000EPB00\*--and the compact emulator--R0E521000CPE00--for the R8C/Tiny series, M16C family.

\*Specific to the PC7501 emulator

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### 1. Description

The R8C/2A, R8C/2B, R8C/2C, and R8C/2D MCU groups have been added to the support line of the emulation probe R0E521000EPB00 and the compact emulator R0E521000CPE00.

To emulate any of those MCUs, you need a converter board for connecting the user's system, a firmware file, and an MCU file (containing information specific to the MCU). We explain details of these in sections 2 and 3 below.

### 2. Converter Boards and User's Manuals

The product types of the three converter boards for emulating MCUs of the R8C/2A, R8C/2B, R8C/2C, and R8C/2D groups are listed below.

For details of the specifications of the boards, see the user's manuals of them. The Web pages shown below will be opened from February 20 on.

**(1) The converter board for connecting the 64-pin 0.8-mm-pitch LQFP package (PLQP0064GA-A) of the R8C/2A and R8C/2B groups:**

R0E5212BACFG00

The user's manual (230K bytes in PDF)

**(2) The converter board for connecting the 64-pin 0.5-mm-pitch LQFP package (PLQP0064KB-A) of the R8C/2A and R8C/2B groups:**

R0E5212BACFK00

The user's manual (249K bytes in PDF)

**(3) The converter board for connecting the 80-pin 0.5-mm-pitch LQFP package (PLQP0080KB-A) of the R8C/2C and R8C/2D groups:  
R0E5212DACFK00**

The user's manual (221K bytes in PDF)

These converter boards were put on the market on February 16. For ordering information on them, see RENESAS TOOL NEWS Document No. 070216/tn6, "Converter Boards for the R8C/2A, R8C/2B, R8C/2C, and R8C/2D MCU Groups Released" (issued on February 16, 2007).

### **3. Firmware Files, MCU Files, and Release Notes**

MCU file is included in a latest emulator debugger. (Updated Jul. 5, 2007)  
Please download an update program from the following and update to the latest emulator debugger.

- M16C R8C PC7501 emulator debugger  
[http://www.renesas.com/pc7501\\_download](http://www.renesas.com/pc7501_download)
- M16C R8C compact emulator debugger  
[http://www.renesas.com/m16c\\_cpe\\_dbg\\_download](http://www.renesas.com/m16c_cpe_dbg_download)

Download latest release notes from the following. You can also get them by using the DocumantUpdater.

R0E521000EPB00 Release Notes  
R0E521000CPE00 Release Notes

**NOTICE:**

In each release note are described important notes on debugging and evaluating the MCUs of the R8C/2A, R8C/2B, R8C/2C, and R8C/2D groups. So please read it carefully before using the emulation probe and the compact emulator.

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