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Free of Charge Replacement of Malfunctioning Charged-WS2 and Commercial Products of the R0E521300MCU00 MCU Unit with Properly Functioning Ones

In the charged-WS2 and commercial products of the R0E521300MCU00 MCU unit, we are replacing the malfunctioning products with the properly functioning ones free of charge. The R0E521300MCU00 MCU unit is used for the R8C/3x series of MCUs in combination with the E100 emulator.

1. Description

In the R0E521300MCU00 MCU units with the serial numbers listed below, malfunctioning products may be included. When using these products, you may not program the on-chip ROM area (e.g. reserved area) of their evaluation MCUs.

(1) In the Charged WS2 products

Serial Numbers: 8KI0031A through 8KI0036A, and
8KI0038A through 8KI0043A

(2) In the Commercial products

Serial Numbers: 8KI0045A through 8KI0050A, and
9AI0051A through 9AI0054A

The serial number is inscribed on the cable attached to the MCU unit.

When you are using any of the products whose serial number is included in the above list, check whether it operates properly by following the steps described in Section 2. If yours is one of the malfunctioning products, we will replace it with a properly functioning one free of charge.

2. How to Check the Operations of the Product

Execute the self-diagnostic program of the MCU unit by going through the following steps:

(1) Checking the version number of M16C R8C E100 Emulator Debugger

Check to see that the V.1.01 Release 00 product has been installed.
If yours is earlier than V.1.01 Release 00, update it to V.1.01
Release 00 by downloading the update program from the Web site at:
http://www.renesas.com/e100_download
If yours is later than V.1.01 Release 00, skip Step (2), and move
to Steps (3) and (4).

(2) Updating the self-diagnostic program

a. Download the zip file

`r0e521300mcu00_selfchkprogram_revision_installer_090401.zip`
to update the self-diagnostic program from here.

b. Decompress the downloaded zip file to obtain the update program (an exe file). Then execute it and follow the instructions provided on-screen to update the self-diagnostic program.

If two or more emulator debuggers have been installed, make sure
that M16C R8C E100 Emulator Debugger V.1.01 Release 00 is active
in advance.

c. Check to see whether the date of creation of the E100SELF_R8C30.dll file is March 26, 2009. If so, update is successful. If you have installed emulator debuggers in the standard manner, this file will be found in the following folder:

`C:\ProgramFiles\Renesas\Hew\Tools\Renesas\DebugComp\Platform\E100\M16C\self\R8C`

If the date of creation of E100SELF_R8C30.dll is not March 26,
2009, and you have performed Sub-step b correctly, redo the
update.

(3) Executing the self-diagnostic program

Follow the instructions described in the R0E521300MCU00 user's
manual to execute the self-diagnostic program. Be sure to execute
the program under the condition that the user system is not
connected with the E100 emulator.

(4) Checking the results of the self diagnosis

If the message saying "Self-Check was normally completed" is
displayed when the self-diagnostic program is complete, the MCU unit
is functioning properly. So use it as before.

If the message saying "The error occurred while Self-Checking"
is displayed, the MCU unit may be a malfunctioning one. In this
case, click "Log" in the Self Check window to save
the results of the self diagnosis on a text file, and then send

the text file to us as described in Section 3.

3. How to Apply for Replacement Free of Charge

Send to our contact center your e-mail that asks us to examine the results of the self diagnosis with the text file containing the results attached. Your e-mail have been acceptable.

The e-mail address of our contact center is:

csc@renesas.com

After examining your text file, we will answer you the results of examination.

4. Notices

(1) If your MCU unit is proved to be a malfunctioning product concerning this issue after examining your text file, we will replace it with a properly functioning one. Note, however, that even if your MCU unit is proved to be malfunctioning, it will not be replaced as long as the self diagnosis has incorrectly been conducted or your MCU unit has suffered a breakdown.

(2) We will ship a properly functioning R0E521300MCU00 within at least 10 working days except for the transportation period after receiving your e-mail.

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