RENESAS Tool News

RENESAS TOOL NEWS on Aug 1, 2008: 080801/tn1

A Note on Using the R0E530640MCU00 --an MCU Unit for the E100 Emulator

Please take note of the problem described below in using the R0E530640MCU00, an MCU unit for the E100 emulator. This MCU unit is specific to the M16C/64 group of MCUs.

1. Product Concerned

The R0E530640MCU00 MCU units that have a board lot number (Board Lot No. 8*I****) ending with a numeral are concerned.
(Those having a lot number ending with an uppercase letter, A, B, C, or D, for example, are not concerned.)

The board lot number can be checked as follows:

a. Invoke the M16C R8C E100 emulator debugger.
b. Open the Help menu; then select Technical Support and Create Bug Repport.
c. On the Submit a Bug Report dialog box that appears, you will see the board lot number of yours.

2. Problem

Connect the MCU unit with the E100 emulator and turn the power on. Then if you invoke M16C R8C E100 Emulator Debugger more than 30 seconds after the power-on, any of programmable I/O ports may be in output mode.

3. Solution

Update the CPLD of the R0E530640MCU00.
The software for rewriting the CPLD and its manual are downloadable from the Web page at
http://tool-support.renesas.com/eng/toolnews/download/080801_R0E530640MCU00.htm
This Web page will be opened on and after August 5.

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