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The E7 Emulator Software Revised to V.3.01 Release 00

We have revised the emulator software for the E7 on-chip debugging emulator from V.3.00 Release 00 to V.3.01 Release 00. The E7 emulator (HS0007TCU01H) is used for emulating the H8/300H Tiny, H8/300H SLP, and H8/300L SLP series, H8 family; and the R8C/Tiny series, M16C family of MCUs.

1. Description of Revisions

1.1 Supported MCUs Increased

The H8/36094F and H8/36109F MCUs, members of the H8/300H Tiny series, have been newly added to the support line.

1.2 The H8 Tiny/SLP E7 Emulator Debugger Updated

1.2.1 Specification Modified

When any one of these MCUs, H8/38076R, H8/38086R, H8/38327F, and H8/38347F, is targeted for debugging, the minimum clock frequency typed in the System Clock dialog box has been improved from 2 MHz to 1 MHz.

1.2.2 Problems Fixed

The following three problems have been fixed:

- (1) When the H8/38327F MCU is targeted for debugging, using the LCD function or the WDT Reset function causes the Communication Timeout error to arise.
- (2) When the H8/38347F MCU is targeted for debugging, using the WDT Reset function causes the Communication Timeout error to arise.
(In this case, the LCD function causes no problems.)
For details of the problems (1) and (2), go to RENESAS TOOL NEWS "A Note on Using the Emulator Software Packages for the E8 and the E7 Emulator" issued on February 1, 2006.
- (3) When the H8/36077F MCU is targeted for debugging, writing to

the RCCR Register and breaking the program cause the verification error and the Communication Timeout error to arise respectively.

2. How to Update Your Product

Free-of-charge online update is available. If you are using the product concerned, download the executable file of the update program from Download site and execute it.

NOTICE:

If the update is performed in the system where the High-performance Embedded Workshop V.4.00.02 or earlier resides, it will be upgraded to V.4.00.03.

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