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The Simulator Debuggers for the SuperH RISC Engine; and the H8SX, H8S, and H8 MCU Families Revised

We have revised two simulator debuggers as follows:

- The simulator debugger V.9.06.00 for the SuperH RISC engine family
 - The simulator debugger V.5.05.00 for the H8SX, H8S, and H8 families
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1. Descriptions of Revision

1.1 In Both Simulator Debuggers

- (1) The Macro-recording support function has been supported.
This function saves the history of the operations performed in the Trace Acquisition and the Set Break dialog box as the history of their commands. And it makes to usable the Macro-recording support function that has been introduced to the High-performance Embedded Workshop. For details of this function, see the manual of or the Help in the High-performance Embedded Workshop.
- (2) A function that does not step in the addresses having no debug information has been introduced. This function makes to usable the option in the High-performance Embedded Workshop which does not step in the addresses having no debug information. For details of this function, see the manual of or the Help in the High-performance Embedded Workshop.
- (3) The on-screen input and output panels have been

introduced. These panels, presented in the GUI I/O window, simulate a simple key- input and output panels of the user's target system.

- (4) Out of the I/O DLL files, which simulate the peripheral I/Os of the MCU, those that are being used by the simulator can be presented on the platform sheet in the Status window.

1.2 In the Simulator Debugger for the SuperH RISC Engine Family Only

As high-speed versions of the simulator debuggers for the SH-4 and SH3-DSP device groups, the following simulators have been introduced (they can operate instruction by instruction):

- SH-4 Functional Simulator
- SH-4 Functional Simulator (Little endian)
- SH-4(SH7750R) Functional Simulator
- SH-4(SH7750R) Functional Simulator (Little endian)
- SH3-DSP Functional Simulator
- SH3-DSP Functional Simulator (Little endian)

2. How to Update Your Products

Free-of-charge update is available if you are using either of the products.

To update yours online, download the update program of the product you want from its Web site shown below and execute it.

- (1) The simulator debugger V.9.06.00 for the SuperH RISC engine family
- (2) The simulator debugger V.5.05.00 for the H8SX, H8S, and H8 families

3. Notice

If the High-performance Embedded Workshop V.4.01.00 has not already been installed in your PC, neither the simulator debugger for the SuperH RISC engine family nor the one for the H8SX, H8S, and H8 families cannot be updated to V.9.06.00 or V.5.05.00 respectively. So be sure to update your High- performance Embedded Workshop to V.4.01.00 at first.

For details of the High-performance Embedded Workshop V.4.01.00, see RENESAS TOOL NEWS Doc. No. 060701/tn1, published in this series of news .

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