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The Simulator Debuggers for the SuperH RISC engine Family, and the H8SX, H8S, and H8 Families of MCUs Revised

We have revised the following simulator debuggers:

- The simulator debugger for the SuperH RISC engine family to V.9.08.00
- The simulator debugger for the H8SX, H8S, and H8 families to V.5.07.00

These simulator debuggers are included in the compiler packages for the SuperH RISC engine family and the H8SX, H8S, and H8 families of MCUs.

1. Descriptions of Revision

1.1 Capabilities Improved and Introduced in Both debuggers

- (1) The debuggers can run on Windows Vista(R)
- (2) The debuggers can debug real-time OSes

For details see the data sheet of Real-Time OS Aware Debugging, at:

<http://www.renesas.com/ecxos>

The above URL is that of our global site (in English).

Note: For these capabilities High-performance Embedded Workshop V.4.05.00 is necessary. Refer to 3. Notices (3).

1.2 Capability Introduced in the Debugger for the SuperH RISC engine Family

The debugger supports the SH-4A and SH4AL-DSP CPU cores with enhanced functions. In these MCUs, the VER bit (a bit of the Processor Version register) takes a value greater than H'30.

1.3 Problem Fixed

The problem of instability arising from conflict between execution of simulation and memory access in window operation has been fixed.

2. How to Update Your Products

Online update is available free of charge. Use either of the following ways to update yours:

- (1) Use AutoUpdate Utility. This service is available on and after December 25.
- (2) Download the update program (an exe. file) of the product you want from the Web site.
Then execute it. This site will be opened from December 22 on.
The above URLs are that of our global site (in English).

3. Notices

- (1) These debugger products cannot be available alone because they are included in their compiler packages.
- (2) The updates described in 2 update the simulator debuggers only.
- (3) You can update these products by using High-performance Embedded Workshop V.4.05.00. So if you have not already installed this IDE in your development system, install it in advance.
For details of High-performance Embedded Workshop V.4.05.00 and how to install it, see:
<http://tool-support.renesas.com/eng/toolnews/081125/tn1.htm>

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