

RENESAS TOOL NEWS on April 16, 2006: RSO-DeviceUpdater-060416D

The DeviceUpdater for the SuperH RISC engine, H8SX, H8S, and H8 Families Revised to V.1.08 Release 00

We have revised the DeviceUpdater for the SuperH RISC engine, H8SX, H8S, and H8 families of MCUs from V.1.07 to V.1.08 Release 00.

1. Project Files Updated by the DeviceUpdater

The DeviceUpdater updates the project files created by the High-performance Embedded Workshops bundled with the following compiler packages:

Renesas C/C++ Compiler Package for SuperH RISC engine family

- C/C++ compiler package V.7 (for Windows),
- C/C++ compiler package V.8 (for Windows), and
- C/C++ compiler package V.9 (for Windows)

Renesas C/C++ Compiler Package for H8SX, H8S, H8 family

- C/C++ compiler package V.5 (for Windows) and
- C/C++ compiler package V.6 (for Windows)

2. Descriptions of Revision

(1) Supported Devices increased

The following MCUs and MPUs have been added to the support line:

- SH7211 (SH-2A series, SuperH RISC engine family)
- H8SX/1582 (H8SX/1500 series, the H8SX family)
- H8S/2649 (H8S/2600 series, the H8S family)
- H8/36109 (H8/300H Tiny series, the H8 family)

(2) I/O register definition files (header files) modified

Descriptions in the I/O register definition files* that

supports the following devices have been corrected:

* These files are created automatically by the High-performance Embedded Workshop.

- SH7751, SH7751R, and SH7760 (SH-4 core, SuperH RISC engine family)
- SH7083, SH7084, SH7085, SH7086, and SH7147 (SH-2 core, the above family)
- SH7720 (SH3-DSP core, the above family)
- H8SX/1650, H8SX/1651, and H8SX/1657 (H8SX/1600 series, the H8SX family)
- H8S/2367 and H8S/2368 (H8S/2300 series, the H8S family)
- H8/36077, H8/3687, H8/36902, and H8/36912 (H8/300H Tiny series, the H8 family)

- (3) The number of states of the access of flash ROM of the H8SX family simulator have been corrected:
When the project was created by MCU of H8SX family with Flash-ROM and execute the program with the simulator, the problem that the number of execution cycle had not been correct (large) because of the number of access state to Flash-ROM being wrong, have been corrected.

The device names listed in (1) and (2) above are also viewed in Software Download Site.

3. How to Update Yours

Free-of-charge online update is available.

So download the DeviceUpdater V.1.08 Release 00 from Software Download Site.

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