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The DeviceUpdater for the SuperH RISC engine, H8SX, H8S, and H8 Families Revised to V.1.09 Release 00

We have revised the DeviceUpdater for the SuperH RISC engine, H8SX, H8S, and H8 families of MCUs from V.1.08 to V.1.09 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:

- SH7048 (SH-2 core, SuperH RISC engine family)
- H8SX/1527R and H8SX/1544F (H8SX/1500 series, the H8SX family)
- H8SX/1653F, 1654F, 1663F, and 1664F (H8SX/1600 series, the H8SX family)
- H8S/2281 and H8S/2282F (H8S/2200 series, the H8S family)
- H8/36082, 36083, 36084, 36085, 36086, 36087F, 36092F, and 36094F (H8/300H Tiny series, the H8 family)
- H8/38098 and H8/38099F (H8/300H Super Low Power 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 revised:

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

- SH7124 (SH-Tiny series, SuperH RISC engine family)
- SH7058 (SH-2E core, the above family)
- H8S/2367F, 2368F, and 2378R (H8S/2300 series, the H8S family)
- H8/3682, 3683, 3684, 3685, 3686, 3687, 36077, and 36109F (H8/300H Tiny series, the H8 family)
- H8/38076R, 38086R, and 38602F (H8/300H Super Low Power series, the above family)

(3) **The Address of the PIntPRG section modified**

In the projects created for the following MCUs, the address of the PIntPRG section has been modified so that it might not fall on the region of the DTC vector table:

- SH7040,SH7041,SH7042,SH7043,SH7044,SH7045,SH7046,SH7047,SH7049, SH7144,SH7145 and SH7148 (SH-2 core, SuperH RISC engine family)

3. **How to Update Yours**

Free-of-charge online update is available.

So download the DeviceUpdater V.1.09 Release 00 from Software Download Site.

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