

RENESAS TOOL NEWS on October 1, 2009: 091001/tn7

Real-Time OSes for the SuperH MCU Family Revised

We have revised real-time OSes for the SuperH MCU family as follows:

- HI7750/4 from V.2.02 Release 05 to V.2.02 Release 06
- HI7700/4 from V.2.03 Release 03 to V.2.03 Release 04
- HI7200/MP from V.1.00 Release 03 to V.1.00 Release 04
- HI7000/4 from V.2.02 Release 05 to V.2.02 Release 06

1. Products and Versions to Be Updated

- (1) HI7750/4 (for the SH-4- and SH-4A-cored MCUs)
V.2.01 Release 00 through V.2.02 Release 05
- (2) HI7700/4 (for the SH4AL-DSP-, SH-3-, and SH3-DSP-cored MCUs)
V.2.01 Release 00 through V.2.03 Release 03
- (3) HI7200/MP (for the SH2A-DUAL-cored MCUs)
V.1.00 Release 00 through V.1.00 Release 03
- (4) HI7000/4 (for the SH2-DSP-, SH-1-, SH-2-, SH-2A-, and SH2A-FPU-cored MCUs)
V.2.00 Release 00 through V.2.02 Release 05

2. Description of Revision

The following problems, which were informed in RENESAS TOOL NEWS published on October 1, have been resolved:

- (1) Problem with using the TA_COP0, TA_COP1, and TA_COP2 attributes in tasks (in HI7000/4, HI7700/4, and HI7750/4)
For details, see RENESAS TOOL NEWS Document No. 091001/tn5.
This Web page will be opened from October 5.
- (2) Two problems with using the TA_COP1 attribute in tasks and with specifying address ranges by using the cache-supporting library (in HI7200/MP)
For details, see RENESAS TOOL NEWS Document No. 091001/tn6.

This Web page will be opened from October 5.

3. How to Update Your Products and Purchase Revised Ones

3.1 Updating

If you are using any product to be updated, online update is available free of charge. So download the installer program of the product from among the following Web sites and execute it:

(1) For HI7750/4 V.2.02 Release 06

http://www.renesas.com/hi7750_4_download

(2) For HI7700/4 V.2.03 Release 04

http://www.renesas.com/hi7700_4_download

(3) For HI7200/MP V.1.00 Release 04

http://www.renesas.com/hi7200_mp_download

(4) For HI7000/4 V.2.02 Release 06

http://www.renesas.com/hi7000_4_download

These sites will be opened from October 5.

The above URLs are those of our global sites.

NOTICE:

Each of the three product types HI7750/4, HI7700/4, and HI7000/4 cannot be updated from any of its V.1 products to V.2 products.

If you are using V.1 products of the above product types, consider whether to replace them with their latest versions.

3.2 First Ordering

When you place an order for the product you want, supply the following items of information to your local Renesas Technology sales office or distributor (for the price of the product, also contact the above sales office or distributor):

(1) HI7750/4

Product type: HI7750/4

Type name: R0R40775TXW02w (See NOTE.)

Version No.: V.2.02

Release No.: Release 06

Host OS: Windows(R) XP or Windows(R) 2000

(2) HI7700/4

Product type: HI7700/4

Type name: R0R40770TXW02w (See NOTE.)

Version No.: V.2.03

Release No.: Release 04

Host OS: Windows(R) XP or Windows(R) 2000

(3) HI7200/MP

Product type: HI7200/MP

Type name: R0R50720MXW01w (See NOTE.)

Version No.: V.1.00

Release No.: Release 04

Host OS: Windows(R) XP or Windows(R) 2000

(4) HI7000/4

Product type: HI7000/4

Type name: R0R40700TXW02w (See NOTE.)

Version No.: V.2.02

Release No.: Release 06

Host OS: Windows(R) XP or Windows(R) 2000

NOTE:

Letter w denotes a type of license. It shall be replaced with any one of the following numerals or letters:

1: Evaluation license: The real-time OS can be installed only to one host computer.

5: Evaluation license: The real-time OS can be installed up to 5 host computers.

A: Evaluation license: The real-time OS can be installed up to 10 host computers.

K: Mass-production license: The real-time OS can be embedded up to a total of 1,000 productions of product model with the source code closed.

U: Mass-production license: The real-time OS can be embedded up to unlimited productions of product model with the source code closed.

Z: Mass-production license: The real-time OS can be embedded up to unlimited productions of product model with the source code disclosed.

Example:

For mass-production license up to a total of 1,000 productions for any MCU involved with the source code closed, replace letter 'w' with 'K'.

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