

RENESAS TOOL NEWS on April 16, 2007: 070416/tn7

Real-Time OSes HI7000/4, HI7700/4, and HI7750/4 Revised

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

- HI7000/4 (for the SH-1-, SH-2-, SH2-DSP-, SH2A-, and SH2A-FPU-CPU-cored MCUs)
From V.2.02 Release 01 to V.2.02 Release 02
- HI7700/4 (for the SH-3-, SH-3-DSP-, and SH4AL-DSP-cored MCUs) From V.2.02 Release 00 to V.2.02 Release 02
- HI7750/4 (for the SH-4- and SH-4A-cpu-cored MCUs) From V.2.02 Release 00 to V.2.02 Release 02

Note that V.2.02 Release 01 is unassigned to HI7700/4 and HI7750/4.

1. Descriptions of Revision

1.1 Specification Modified

- (1) The D_hidef section, which had been generated by HI7000/4 V.2.01 Release 00 through V.2.02 Release 01, has become unused.
As a result, notices in Section 3 in RENESAS TOOL NEWS Document No. RSO-HI7000/4-060416D are irrelevant to HI7000/4 V.2.02 Release 02 and later. For details of the notices, visit the Web page.

1.2 Problems Fixed

The following known problems have been fixed:

- (1) On using SH-1-cored MCUs
Only HI7000/4 V.2.01 Release 00 through V.2.02 Release 01 are involved in this problem. For details see RENESAS TOOL NEWS Document No. RSO-HI7000/4-060201D on the Web page.
- (2) With using shared stacks
For details see RENESAS TOOL NEWS Document No. 070316/tn7 on the Web page.
- (3) With issuing the iras_tex service call
For details see RENESAS TOOL NEWS Document No. 070416/tn6

(published in this series of news) on the Web page.

(4) With issuing the iref_cyc service call

For details see the above RENESAS TOOL NEWS in (3).

2. Host OSes for the Products

As we informed you in RENESAS TOOL NEWS Document No. 061001/tn6, we discontinue support for Windows Me, Windows 98, Windows 98 SE, and Windows NT 4.0 as OSes for running the Renesas-made software products released on and after this revision.

For details see RENESAS TOOL NEWS Document No. 061001/tn6 on the Web page.

3. How to Update Your Products and Purchase Revised Ones

3.1 Free-of-Charge Update

Free-of-charge online update is available. If you are using any of the following products, download the installer of the revised product from the related Web site in the list below and execute it. These Web sites will be opened from April 20 on.

(1) HI7000/4 V.2.00 Release 00 through V.2.02 Release 01

(2) HI7700/4 V.2.01 Release 00 through V.2.02 Release 00

(3) HI7750/4 V.2.01 Release 00 through V.2.02 Release 00

NOTICE:

It is not allowed to update any of the products listed below to V.2.02 Release 02. If necessary, please purchase the revised product you want.

(1) HI7000/4 V1.00r1 through V1.0.05

(2) HI7700/4 V1.00r1 through V.1.03 Release 02

(3) HI7750/4 V1.00r1 through V1.1.00

3.2 First Ordering

If you place an order for any of the revised products, please supply the following items of information to your local Renesas Technology sales office or distributor (for the price of the product, also contact them):

(1) HI7000/4

Product Type: HI7000/4

Order Code: R0R40700TXW02w

Version No.: V.2.02

Release No.: Release 02

Host OS?x: Windows XP or Windows 2000

(2) HI7700/4

Product Type: HI7700/4
Order Code: R0R40770TXW02w
Version No.: V.2.02
Release No.: Release 02
Host OS: Windows XP or Windows 2000

(3) HI7750/4

Product Type: HI7750/4
Order Code: R0R40775TXW02w
Version No.: V.2.02
Release No.: Release 02
Host OS: Windows XP or Windows 2000

NOTICE:

Lower-case letter w in the order code denotes the type of license. It shall be replaced with any of the following numerals or letters according to the type of license you want:

1: License for evaluation; a real-time OS can be installed only to one host computer.

5: License for evaluation; a real-time OS can be installed up to 5 host computers.

A: License for evaluation; a real-time OS can be installed up to 10 host computers.

K: Mass-production license; a real-time OS can be embedded up to a total of 1,000 productions of product model(s) with the source code not disclosed.

U: Mass-production license; a real-time OS can be embedded up to unlimited productions of product model(s) with the source code not disclosed.

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

Example:

For mass-production license up to a total of 1,000 productions with the source code not disclosed, the lower-case letter is K.

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