

Real-Time OS for SuperH Family Revised

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

From	To	
HI7000/4	V.2.03 Release 00	V.2.03 Release 01
HI7700/4	V.2.03 Release 04	V.2.04 Release 00
HI7750/4	V.2.02 Release 06	V.2.03 Release 00
HI7300/PX	V.1.02 Release 02	V.1.03 Release 00
HI7200/MP	V.1.00 Release 05	V.1.01 Release 00

1. Products and Versions to Be Updated

- (1) HI7000/4 (for SH-2A, SH2A-FPU, SH-2, SH2-DSP, and SH-1)
V.2.00 Release 00 through V.2.03 Release 00
- (2) HI7700/4 (for SH4AL-DSP, SH3-DSP, and SH-3)
V.2.01 Release 00 through V.2.03 Release 04
- (3) HI7750/4 (for SH-4A and SH-4)
V.2.01 Release 00 through V.2.02 Release 06
- (4) HI7300/PX (for SH-4A and SH4AL-DSP)
V.1.00 Release 00 through V.1.02 Release 02
- (5) HI7200/MP (for SH2A-DUAL)
V.1.00 Release 00 through V.1.00 Release 05

2. Descriptions of Revision

2.1 Problems Fixed

The following problems, of which we informed you in RENESAS TOOL NEWS Document No. 111101/tn7, have been fixed:

- (1) With the `iset_flg` service call

(2) With the SPIN_WriteLock() function in the spin-lock library
(HI7200/MP only involved)

For details of these, see the above RENESAS TOOL NEWS on the Web page at:

<http://tool-support.renesas.com/eng/toolnews/111101/tn7.htm>

This page will be opened on November 21, 2011.

2.2 Large Memory Pool Function Introduced

The large memory pool function that has already been introduced to HI7000/4 is also introduced to HI7700/4, HI7750/4, HI7300/PX, and HI7200/MP. Large memory pool functions have been much improved than variable-sized memory pool function in processing time when large-capacity memory used.

3. Updating Your Products and Ordering Revised Ones

3.1 Updating

If you are using any of the products to be updated, online update is available free of charge. Download the installer of the product you want from among the Web sites listed below; then execute it

(1) HI7000/4

http://www.renesas.com/hi7000_4_download

(2) HI7700/4

http://www.renesas.com/hi7700_4_download

(3) HI7750/4

http://www.renesas.com/hi7750_4_download

(4) HI7300/PX

http://www.renesas.com/hi7300_px_download

(5) HI7200/MP

http://www.renesas.com/hi7200_mp_download

NOTICE:

If you are using any of the following products, free-of-charge online update is unavailable; please place orders for them if necessary:

(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 Ordering

When you place an order for the product you want, supply the following items of information to your local Renesas Electronics marketing office or distributor:

(1) HI7000/4

Product type: HI7000/4

Type name: R0R40700TRW02w
Version No.: V.2.03
Release No.: Release 01
Host OS: Windows XP or Windows 2000

(2) HI7700/4

Product type: HI7700/4
Type name: R0R40770TRW02w
Version No.: V.2.04
Release No.: Release 00
Host OS: Windows XP or Windows 2000

(3) HI7750/4

Product type: HI7750/4
Type name: R0R40775TRW02w
Version No.: V.2.03
Release No.: Release 00
Host OS: Windows XP or Windows 2000

(4) HI7300/PX

Product type: HI7300/PX
Type name: R0R50730PRW01w
Version No.: V.1.03
Release No.: Release 00
Host OS: Windows XP or Windows 2000

(5) HI7200/MP

Product type: HI7200/MP
Type name: R0R50720MRW01w
Version No.: V.1.01
Release No.: Release 00
Host OS: Windows XP or Windows 2000

For the prices of the products, contact the above marketing office or distributor.

NOTE:

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

1: Evaluation license; the real-time OS can be installed on only one host computer.

A: Evaluation license; the real-time OS can be installed on an unlimited number of host computers.

K: Mass-production license; the real-time OS can be embedded in

up to 3,000 products with the source code closed.

U: Mass-production license; the real-time OS can be embedded in an unlimited number of products with the source code closed.

Z: Mass-production license; the real-time OS can be embedded in an unlimited number of products with the source code disclosed.

Example in HI7000/4:

In mass-production license for manufacturing an unlimited number of products with the source code closed, the type name is R0R40700TRW02U.

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