

RENESAS TOOL NEWS on June 16, 2013: 130616/tn4

Real-Time OS RI600V4 Revised to V1.02.02 (for RX Family and Supported by CubeSuite+)

We have revised the real-time OS RI600V4 for the RX family of MCUs from V1.02.01 to V1.02.02.

1. Descriptions of Revision

1.1 Problem Fixed

The following problem, of which we informed you in RENESAS TOOL NEWS Document No. 130416/tn6, has been fixed:

- With using task analyzer tool for RI600V4

For details of the problem, see RENESAS TOOL NEWS Document No. 130416/tn6, which is on the web page at:

<https://www.renesas.com/search/keyword-search.html#genre=document&q=130416tn6>

1.2 Specification Change of FPSW Register When Task Processing is Started

The initial value of the FPSW register when task processing is started has been changed into the value corresponding to compiler options to be used.

Before the change:

The FPSW does not depend on the compiler options, and the initial value is 0x00000100 (Only DN bit is 1.).

After the change:

Compiler options	Initial value of FPSW register
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"-round=nearest", "-denormalize=off"	0x00000100 (Only DN bit is 1. No change)
"-round=nearest", "-denormalize=on"	0

"-round=zero", "-denormalize=off"	0x00000101 (Only DN bit and RM bit are 1.)
"-round=zero", "-denormalize=on"	1 (Only RM bit is 1.)

2. Updating Yours and Ordering Revised Product

2.1 Updating

When you are using RI600V4, online update is available free of charge.

To update yours, follow these steps:

- (1) On the Start menu of Windows, select Programs and then Renesas Electronics CubeSuite+.
- (2) Start Update Manager to update yours.

2.2 Ordering

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

Product type: RI600V4

Type name: R0R5RX00TCW01w (See NOTE below)

For the price of the product, 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 the case of mass-production license for an unlimited number of products with the source code closed, the type name is R0R5RX00TCW01U.

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