

RENESAS TOOL NEWS on July 16, 2014: 140716/tn8

## Launch of RI850V4 V2 Real-Time OS for RH850 Family

We have launched the RI850V4 V2.00.00 real-time OS for the RH850 family of MCUs.

NOTE:

Although this is a new product, the first version of the product to be released is V2.00.00.

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### 1. Overview

The RI850V4 V2.00.00 real-time OS conforms to the uITRON 4.0 specification and is for use in systems designed around MCUs of the RH850 family. For a list of MCUs that run this OS, visit the following page at our web site.

[http://www.renesas.com/ri850v4\\_rh](http://www.renesas.com/ri850v4_rh)

The page will be available from July 22.

This product also operates in combination with the following development tools:

- CubeSuite+ Integrated Development Environment
- CC-RH C Compiler

### 2. Features

(1) Conformance with uITRON 4.0, an industry standard

(2) Operation in combination with the CubeSuite+ integrated development environment

This feature allows automatic selection of the options required for building.

In addition, the RI850V4 V2.00.00 package includes debugging tools that are specific to debugging programs that run under the real-time OS.

For information about CubeSuite+, visit the following page at our web site:

<http://www.renesas.com/cubesuite+>

Further information on the product is available in the form of

datasheets on our web site at the following page:

[http://www.renesas.com/ri850v4\\_rh](http://www.renesas.com/ri850v4_rh)

This page will be available from July 22.

### 3. Ordering Product

Mass-production license and evaluation license are available.

For details of the license agreements, see the following page on our web site:

<http://www.renesas.com/itron/agreement>

This page will be available from July 22.

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

Product type RI850V4

Type name RTRRH8500TR01w (see NOTE below)

For the price of the product, contact your local marketing office or distributor.

#### NOTE:

The letter "w" denotes the type of license and is replaced by letters listed below:

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

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

RRRUL: Mass-production license; the real-time OS can be embedded in up to 3,000 products and the source code is closed.

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

SRRUU: Mass-production license; the real-time OS can be embedded in an unlimited number of products and we supply the source code.

#### Example:

In a mass-production license for manufacturing an unlimited number of products where the real-time OS is embedded with the source code closed, the type name will be RTRRH8500TR01RRRUU.

### 4. Supplementary Note

- This product is different from the V1.00.xx series of RI850V4 real-time operating systems for the V850 family of MCUs (hereinafter referred to as RI850V4 V1). Thus, this product will not overwrite or be installed in the RI850V4 V1 directories. That is, you will still be able to use RI850V4 V1 after installing this product.

- Since the user's manuals related to this product are in preparation, we will announce their publication through RENESAS TOOL NEWS as soon as they are ready.

Meanwhile, please use the user's manual for the RI850V4 V1 and the material we have made available to describe points of difference from the RI850V4 V1.

- (a) the user's manual for the RI850V4 V1 at:

[http://www.renesas.com/ri850v4\\_rh\\_documentation](http://www.renesas.com/ri850v4_rh_documentation)

This page will be available from July 22.

- (b) materials describing points of difference from the RI850V4 V1

Please contact your local Renesas Electronics marketing office or distributor regarding this material.

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