# RENESAS Tool News

## Real-Time OS RI78V4 for RL78 Family and 78K0R Revised to V1.00.02

We have revised the real-time OS RI78V4 for the RL78 family and 78K0R of MCUs from V1.00.01 to V1.00.02.

## 1. Descriptions of Revision
### 1.1 Problem Fixed
The following problem, reported on RENESAS TOOL NEWS Document No. 121016/tn3, has been fixed.
- With interrupts being enabled after the iunl_cpu or unl_cpu service

For details see the above document at:
https://www.renesas.com/search/keyword-search.html#genre=document&q=121016tn3

### 1.2 Update of Sample Project
The sample project attached to the product has been updated to the latest version.
For description of update, see RENESAS TOOL NEWS Document No. 120701/tn6 at:
https://www.renesas.com/search/keyword-search.html#genre=document&q=120701tn6

## 2. Updating Yours and Ordering Revised Product
### 2.1 Updating
When you are using RI78V4, 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:  RI78V4

Type name:    R0R07800TCW01w (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 R0R07800TCW01U.

---