

Real-Time OS RI78V4 for the RL78 Family and the 78K0R of MCUs Published

We have published the real-time OS for the RL78 family and the 78K0R of MCUs RI78V4 V1.00.00.

1. Overview

Real-time OS RI78V4, which conforms to the uITRON4.0 specifications, is used for systems designed with the RL78 family and the 78K0R of MCUs.

For the supported MCUs, see:

<http://www.renesas.com/ri78v4>

The above URL is one of our global sites.

2. Features

Main features of the product are as follows:

- Conforms to the uITRON4.0 specifications, an industry standard.
- Compatible with the CubeSuite+ for the RL78 family and the 78K0R, an integrated development environment (IDE).

When used in combination with CubeSuite+, RI78V4 automatically selects options and others necessary to builds.

Also RI78V4 includes the debug tools specialized in debugging programs that use this real-time OS.

CubeSuite+, an integrated development environment platform, was published on June 23, 2011.

For details of the product, see RENESAS TOOL NEWS Document No. 110623/tn1. This item of news will be released on July 5 at:

<http://tool-support.renesas.com/eng/toolnews/110623/tn1.htm>

- Retains high portability from the previous IDEs PM+ and CubeSuite to CubeSuite+
When projects on PM+ or CubeSuite that use real-time OS RX78K0R are opened on CubeSuite+, the projects are automatically converted to those for CubeSuite+ that use RI78V4.

For details of RI78V4, see its datasheets at:

<http://www.renesas.com/ri78v4>

The above URL is one of our global sites.

3. How to Purchasing the Product

Mass-production licenses and evaluation licenses are available.

For details of license agreements, see:

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

The above URL is one of our global sites.

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

Product type: RI78V4

Type name: R0R07800TCW01w

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 only on one host computer.

A: Evaluation license: The real-time OS can be installed on the 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 the unlimited number of products with the source code closed.

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

Example:

In mass-production license for manufacturing the unlimited number of products with the source code closed, the type name is R0R07800TCW01U.

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