

Real-Time OS "MR8C/4" Published

We have published real-time OS "MR8C/4 V.1.00 Release 00". This product is used for systems designed with MCUs of the R8C family. For details of the product, go to:

http://www.renesas.com/mr8c_4

This Web site will be opened from October 5.

The above URL is one of our global sites.

1. Features of the Product

The MR8C/4 product is an ITRON-conforming real-time OS specifically designed for the R8C family of MCUs, which comes with smaller ROM, while it inherits the design concept from M3T-MR30/4, which is used for MCUs with larger ROM (M3T-MR30/4 can be used for the M16C series and the R8C family).

The product's main features are as follows:

- (1) Conforming to the uITRON 4.0 specifications.
- (2) Consuming small ROM size.

For example, the comparison between MR8C/4 and M3T-MR30/4 in kernel's ROM consumption is as follows:

Real-time OS	Kernel's ROM consumption
MR8C/4	about 1.5 to 6.5 kilobytes
M3T-MR30/4	about 3 to 21 kilobytes

- (3) Having a configurator with a graphical user interface (GUI).

By using this configurator, you can easily make the initial settings of applications.

For details of the product's specifications, see its data sheets on

the Web site at:

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2. How to Purchase the Product

Two types of license are available: mass-production license and evaluation license. When you place an order for the product, supply the following items of information to your local Renesas Technology sales office or distributor:

Product type: MR8C/4

Type name: R0R52100TRW01wE (See NOTE below.)

For the price of the product, contact the above sales 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 only to one host computer.

U: Mass-production license: The real-time OS can be embedded up to unlimited productions of product model with the source code closed.

Z: Mass-production license: The real-time OS can be embedded up to unlimited productions of product model with the source code disclosed.

Example:

For mass-production license up to unlimited productions for any MCU of the R8C family with the source code closed, the type name is R0R52100TRW01UE.

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