

RENESAS TOOL NEWS on December 1, 2004: RSO-MR32R-041201D

Real-Time OSes M3T-MR32RK/4 and S/4 Revised to V.4.00 Release 00

We have revised the following real-time OSes for the M32R family of MCUs from V.3.50 Release 2 to V.4.00 Release 00:

- Real-time OS with evaluation license: M3T-MR32RK/4
- Real-time OS with mass-production license: M3T-MR32RS/4

Note that their product types have also been changed to those shown above.

1. Descriptions of Revision

1.1 Features

- (1) Conforming to Micro-ITRON Specification V.4.0.
- (2) Graphical user interfaces have been incorporated in the configurator, which makes easier the initial settings of application programs in the MR32R.
- (3) Compatibility with the HI series of OSes has been ensured as well as conformance to Micro-ITRON Specification V.4.0. Main items of compatibility are as follows:
 - If no `ext_tsk` service call is put in a task, the processing for ending the task is performed as if the call exists.
 - The `ext_tsk` and `exd_tsk` service calls can be issued in the CPU-locked or dispatch-disabled states.
 - The maximum number of objects, the maximum semaphore count, etc. have been made the same in both series.

1.2 Problems Fixed

The following known problems have been fixed:

- (1) On Entering Tasks into WAIT states from the Rendezvous

Acceptance or Call, and variable-size memory pool Tasks
For details, see RENESAS TOOL NEWS "A Note on Using
Real-Time OS M3T-MR32R" (TN-4) issued on November
16, 2004.

- (2) On Releasing a Task from the Acceptance or Call of a
Rendezvous

For details, see RENESAS TOOL NEWS "A Note on Using
Real-Time OS M3T-MR32R" (TN-5) issued on November
16, 2004.

2. How to Purchase Products

Free-of-charge online upgrade is not available. So please purchase the product you want if you need it.

And the M3T-MR32R is a product for special users.

Please contact Tool Technical Support: csc@renesas.com via your local Renesas Technology sales office or distributor.

3. Signing and Ordering Real-Time OSeS

Information on signing and ordering real-time OSeS is provided on the Tool News Web sites. So please visit RENESAS TOOL NEWS "Notification of the Changes Made to the Contract Terms, Products' Type Names, and Prices of Renesas-Made Real-Time OS Products" issued on March 16, 2004.

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