

RENESAS TOOL NEWS on June 5, 2006: RSO-M3T-MR30/4-060605D

## The Real-Time OSes M3T-MR30K/4 and M3T-MR30S/4 Revised to V.4.00 Release 00

We have revised the real-time OSes M3T-MR30K and M3T-MR30S to those shown below (they are used for the M16C/60, M16C/30, M16C/20, M16C/10, and M16C/Tiny series of MCUs).

- Real-time OS evaluation license: M3T-MR30K/4 V.4.00 Release 00
- Real-time OS mass-production license: M3T-MR30S/4 V.4.00 Release 00

### NOTICE:

The product types have been changed from the M3T-MR30K and M3T-MR30S to the above at the same time.

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## 1. Descriptions of Revision

### 1.1 Functions Improved and Introduced

- (1) The products conform to the  $\mu$ ITRON 4.0 specifications.
- (2) GUI introduced to the configurator, which allows you easily to make settings of application programs on the M3T-MR30K/4 and S/4.
- (3) The products conforming to the  $\mu$ ITRON 4.0 specifications provide the same functionality as the M3T-MR308K/4 and S/4 (these are used for the M32C/80 and M16C/80 MCU series).

For details of the specifications of the products, see their datasheets.

### 1.2 Problems Fixed

The following known problems have been fixed:

- (1) On issuing the `isus_tsk` system call to a task that is entering the DORMANT state  
For details, see RENESAS TOOL NEWS Doc. No. RSO-M3T-MR308-050716D, published on July 16, 2005.
- (2) On using task pause function  
For details, see RENESAS TOOL NEWS Doc. No. RSO-M3T-MR308-050801D, published on August 1.
- (3) On issuing the `iwup_tsk` service call  
For details, see RENESAS TOOL NEWS Doc. No. RSO-M3T-MR30-060516D, published on May 16, 2006.

## 2. How to Purchase the Products

Because important improvements have been made to the products, free-of-charge online update is not available. If necessary, please purchase them. When you place an order for the M3T-MR30K/4 or S/4, please supply the following items of information to your local Renesas Technology sales office or distributor:

<b>Product Type</b>	M3T-MR30K/4 (evaluation license) or M3T-MR30S/4 (mass-production license)
<b>Type Name</b>	R0R30600TRW02wE

### NOTICE:

Letter w denotes the types of license. It shall be replaced with any one of the following numerals or letters:

- 1: License for evaluation; a real-time OS can be installed only to one host computer.
- 5: License for evaluation; a real-time OS can be installed up to 5 host computers.
- A: License for evaluation; a real-time OS can be installed up to 10 host computers.
- K: Mass-production license; a real-time OS can be embedded up to a total of 1,000 productions of product model(s) with the source code not disclosed.

U: Mass-production license; a real-time OS can be embedded up to unlimited productions of product model(s) with the source code not disclosed.

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

**Example:**

For mass-production license up to a total of 1,000 productions for any MCU of the M16C/60 series with the source code not disclosed, the type name is R0R30600TRW02KE.

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