

Real-Time OSeS M3T-MR30 Upgraded to V.3.30 Release 2

We have upgraded the M3T-MR30 real-time OSeS for the M16C/60, M16C/30, M16C/20 and M16C/10 series MCUs as follows:

- the M3T-MR30K real-time OS development kit: from V.3.30 Release 1 to V.3.30 Release 2
 - the M3T-MR30S real-time OS mass-production contract: from V.3.30 Release 1 to V.3.30 Release 2
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1. Descriptions of Upgrade

1.1 New Features

(1) Supporting the MISRA C rules(*)

Using the `-D__MISRA_C__` compile option can select the prototype declaration for the MISRA C rules.

Note:

* The MISRA C is Guidelines for the Use of the C Language in Vehicle Based software. They were prepared by a non-profit group MISRA (Motor Industry Software Reliability Association) organized by Japan's automobile industry for software reliability promotion. The guidelines lay down 127 rules regarding C-language programs for automotive use.

1.2 Problems Fixed

The following known problems have been fixed:

- (1) On using the `iwup_tsk` system call(*)
- (2) On using the `-fansi` option in the nc30 compiler

For details of the above items, see MAEC TOOL NEWS "MR30 Precaution" issued on August 1, 2001 and to see the products' datasheets.

- * It turned out that this note had not been fixed in the specific conditions.
For details, see RENESAS TOOL NEWS "A Note on Using the Real-Time OSes M3T-MR30K and -MR30S" issued on May 16, 2006.

2. How to Update the Current Products and Order the Updated Ones

The M3T-MR30 is a product for special users. If you need the latest version of Real-time OS with online, please contact RSO Tool Technical Support.

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