RENESAS Tool News

Real-Time OS M3T-MR30/4 Revised to V.4.01 Release 00

We have revised M3T-MR30/4, the real-time OS for the M16C series and the R8C family of MCUs, from V.4.00 Release 01 to V.4.01 Release 00.

1. Descriptions of Revision

1.1 Functions Introduced
The following functions have been introduced:
(1) Enabling you to use the C/C++ compiler package for the M16C series
     and the R8C family (M3T-NC30WA) V.6.00 Release 00 as a coding tool
(2) Automatically initializing the timers of the M16C/50, /64, and /65
     group; and the RA and RB timers of the R8C family
(3) Generating projects for the R8C family

1.2 Revision of User's Manual
Revisions mainly made are as follows:
 - Description of the Controlling Interrupts chapter
 - Description about power management

You can download the user's manual of M3T-MR30/4 V.4.01 at:

http://www.renesas.com/products/tools/os_middleware/u_itron/m3t_mr30_4/Documentat

1.3 Problems Fixed and Improvements Made
The following problems have been fixed:
(1) Problem with using the GUI configurator
    For details, see RENESAS TOOL NEWS Document No. 080701/tn3 at:
        http://tool-support.renesas.com/eng/toolnews/080701/tn3.htm
(2) Problem with selecting values of timeout and delay time
    For details, see RENESAS TOOL NEWS Document No. 080901/tn5 at:
        http://tool-support.renesas.com/eng/toolnews/080901/tn5.htm
(3) Corrections to the User's manual
    For details, see RENESAS TOOL NEWS Document No. 081116/tn1 at:

(4) Modification of the type of return value of the sns_xxx service call

The return value has been changed from of type ER to of type BOOL
in accordance with the uITRON specifications.

(5) Problem that the "/F" switch is selectable even though
this switch cannot be selected from the list when the interrupt
handler is defined in the GUI configurator

(6) Problem that the "F" switch is defined with pragma_switch
even though this switch cannot be defined when the interrupt
handler is defined in the cfg30 configurator

2. Updating Your Product and Ordering Revised One

2.1 Updating

Online update is available free of charge. To update yours, download
the product's installer at:

http://www.renesas.com/mr30_4_download

The above URL is one of our global sites.

2.2 Ordering

Two types of license are available for M3T-MR30/4: mass-production
license and evaluation license. For details of license agreements,
ordering information, and the product's price, contact your local
Renesas Electronics marketing office or distributor.