

RENESAS TOOL NEWS on March 1, 2007: 070301/tn6

The C Compiler Package for the M16C MCU Series Revised to V.5.43 Release 00

We have revised the C compiler package--M3T-NC30WA--for the M16C MCU series* from V.5.42 Release 00 to V.5.43 Release 00.

*Generic name of the M16C/60, /30, /20, /10, /Tiny, and R8C/Tiny series

1. Descriptions of Revision

For details, please see the release note included with this product.

1.1 Functions Introduced and Improved

(1) Automatic generation function of SB-relative addressing mode introduced

Switching between valuables of the SB register function by function generates the SB-relative addressing mode each time of switching. This function becomes available when a new option -fSB_auto (abbreviated as -fSBA) is selected.

(2) A function of #pragma SECTION improved

The name of the "bss" section can be altered more than once in a file as of the "program" and the "data" section.

1.2 Problems Fixed

The following known problems have been fixed:

- With using assembler-language start-up files
- With using C-language start-up files

For details see RENESAS TOOL NEWS Document No. 061201/tn3, published on December 1, 2006.

- With using compiler option -fbit (-fB)

For details see RENESAS TOOL NEWS Document No. 090616/tn1, published

on June 16, 2009.

1.3 The High-performance Embedded Workshop (IDE) Updated

The High-performance Embedded Workshop included with the product has been updated from V.4.01.01 to V.4.02.00.

For details of the IDE of V.4.02.00, see RENESAS TOOL NEWS Document No. 061216/tn2, published on December 16, 2006.

2. How to Update Your Product and Purchase the Revised One

2.1 Free-of-Charge Update

Free-of-charge online update is available. If you are using the product concerned, download the installer of the product's update program from the Web site and execute it. This site will be opened from March 5 on.

NOTICE:

The above URLs are that of our global site (in English).

The regional sites will be opened two or three days after the above date.

2.2 First Ordering

If you place an order for the product, please supply the following items of information to your local Renesas Technology sales office or distributor:

Product Type: The C compiler package for the M16C/60, M16C/30, M16C/20, M16C/10, M16C/Tiny, and R8C/Tiny MCU series

Version No.: V.5.43

Release No.: Release 00

Host OS: Windows XP or Windows 2000

For the price of the product and quantity discounts, also contact the above.

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