# RENESAS Tool News

## The C Compiler Package M3T-NC30WA Revised to V.5.40 Release 00A

We have revised the C compiler package M3T-NC30WA from V.5.40 Release 00 to V.5.40 Release 00A. This compiler package is used for the M16C/60, M16C/30, M16C/20, M16C/10, M16C/Tiny, and R8C/Tiny series of MCUs.

1. **Descriptions of Revision**

   The following problems encountered in the High-performance Embedded Workshop included with the package have been fixed:

   (1)   On using compile option -R8CE (to be used for greater than 64KB ROM) by default when any ROM version of the R8C/20, /21, /22, /23, /24, or /25 MCU is selected out of CPU Group in the New Project wizard.

   Solution:   The compile option -R8C (for 64KB ROM or less) is used by default except when any MCU having greater than 64KB ROM is selected (in this case, -R8CE is still used as the default compile option).

   (2)   On a link error that arises at making a build when the R8C/24 or R8C/25 MCU (both 32K ROM versions only) as CPU Group is selected and E8 is selected in the Use OnChip Debugging Emulator list box in the New Project wizard.

   Solution:   The name of the section whose address is set at linking has been altered.

   NOTICE:
   No changes has been made to the C compiler itself though the version of the compiler package has advanced to V.5.40 Release 00A. So if you compile programs for any MCUs except the R8C/20--/25, you need not update your compiler package.

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

### 2.1 Free-of-Charge Update

Free-of-charge update is available. If you are using the compiler package, download the installer of the revised product from Download site and execute it.

### 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 (for the price of the product, also contact them):

| | |
|---|---|
| **Product Type** | M3T-NC30WA |
| **Version No.** | V.5.40 |
| **Release No.** | Release 00A |
| **Host OS** | Windows XP, Windows Me, Windows 98, Windows 2000, or Windows NT 4.0 |