RENESAS Tool News

A note on Using High-performance Embedded Workshop (IDE) --With Creating Projects for the R8C/24 and R8C/25 Groups of MCUs--

Please take note of the following problem in using High-performance Embedded Workshop:

- With creating projects for the R8C/24 and R8C/25 groups of MCUs

1. Description
If you perform a build after creating a project for any member of the R8C/24 and R8C/25 groups, R8C/Tiny MCU series, incorrect linker options may be selected, which causes link errors to arise.

2. Conditions
This problem occurs if the following conditions are satisfied:
(1) A workspace is created using the C compiler package--M3T-NC30WA--
V.5.43 Release 00 for the M16C MCU series.*
  *M16C is the generic name of the M16C/60, /30, /20, /10, /Tiny, and R8C/Tiny series.
(2) To create a project from scratch, "C source startup Application" is selected out of the Project Types list in the New Project Workspace dialog box.
(3) "E8" is selected out of the Use OnChip Debugger Emulator pull-down list in the New Project-2/5-Setting the Contents of Files to be Generated dialog box.

3. Workaround
Copy the file named "R8C24_25_E8_64K.dat" that resides under the directory shown below into the same directory with a name of "R8C24_27_E8_64K.dat"; then re-create the project.

Directory:

¥Hew¥System¥Pg¥Renesas¥M16C¥V5_42_0¥support¥R8CTiny¥SectionOrder2x
This will be found under the directory where High-performance Embedded
Workshop has been installed.

4. Schedule of Fixing the Problem

We plan to fix this problem in the next release of the C compiler
package, M3T-NC30WA, for the M16C series.