

A Note on Using the C Compiler Packages for the M32C MCU Series

Please take note of the following problem in using the C compiler packages --M3T-NC308WA-- for the M32C MCU Series:*

- With using the startup file in C language

*Generic name of the M32C/80 and M16C/80 series

1. Product and Versions Concerned

The C compiler package for the M32C series
V.5.41 Release 00 and V.5.41 Release 01

2. Description

If you use the startup file in C language generated by the High-performance Embedded Workshop, sections in which the external variables with initial values are placed may not properly be initialized.

3. Conditions

This problem occurs if the following conditions are both satisfied:

- (1) The initsct.c file is not linked to the front of the user's program.
- (2) A section of the file linked to the user's program immediately before the initsct.c file ends with an odd address.

4. Workaround

Perform the following procedures to link the initsct.h file to the front of the user's program:

- (1) Open the Build menu and select the Linkage Order command to open the Linkage Order dialog box.
- (2) Check the Use custom linkage order check box.
- (3) Click initsct.r30 in the list that appears and press the Move

to top button to bring initsct.r30 at the top of the list.
(4) Press the OK button to close the dialog box.

5. Schedule of Fixing the Problem

We plan to fix this problem in the next release of the product.

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