

RENESAS TOOL NEWS on September 16, 2006: 060919/tn2

## A Note on Using the C Compiler Package --M3T-NC308WA-- for the M32C/90, M32C/80, and M16C/80 MCU Series

Please take note of the following problem in using the C compiler package-- M3T-NC308WA--for the M32C/90, M32C/80, and M16C/80 MCU series:

- With using the `#pragma SPECIAL` directive
- 

### 1. Product and Version Concerned

The M3T-NC308WA V.5.40 Release 00 C compiler package  
(used for the M32C/90, M32C/80, and M16C/80 series)

### 2. Description

Declaring functions using the `#pragma SPECIAL` directive may cause the following error to arise during program assembling:

Error (asp308): Symbol was already defined as the same type

### 3. Conditions

This problem occurs if the following conditions are both satisfied:

- (1) A function is declared using the `#pragma SPECIAL` directive.
- (2) The entity of the function declared in (1) is written.

Example:

```
-----  
#pragma SPECIAL 255 func() /* Condition (1) */
```

```
void func(void);  
void func()          /* Condition (2) */  
{  
    .....  
}  
-----
```

#### 4. **Workaround**

Declare functions not using the #pragma SPECIAL directive in the version concerned.

#### 5. **Schedule of Fixing the Problem**

This problem has already been resolved in the M3T-NC308WA V.5.41 Release 00 and later.

---

#### **[Disclaimer]**

The past news contents have been based on information at the time of publication. Now changed or invalid information may be included. The URLs in the Tool News also may be subject to change or become invalid without prior notice.

© 2010-2016 Renesas Electronics Corporation. All rights reserved.