Please take note of the following problem in using the M3T-NC308WA, M3T-NC30WA, M3T-NC79WA, and M3T-NC77WA C compilers (with an assembler and integrated development environment):

- On arguments of formatted input/output functions

1. **Products and Versions Concerned**

   M3T-NC308WA V.1.00 Release 1 through V.5.10 Release 1
   for the M32C/80 and M16C/80 series MCUs

   M3T-NC30WA V.1.00 Release 1 through V.5.10 Release 1
   for M16C/60, M16C/30, M16C/20, and M16C/10 series MCUs

   M3T-NC79WA V.2.00 Release 1 through V.4.10 Release 1A
   for the 79xx series MCUs

   M3T-NC77WA V.3.00 Release 1 through V.5.20 Release 4
   for the 77xx series MCUs

2. **Description**

   When the field width in the format specification of the following input/output functions is specified using the zero flag and an asterisk * not a decimal number but a character string is displayed:
   - fprintf
   - printf
   - sprintf
   - vfprintf
   - vprintf
   - vsprintf
For example, the flags in the `printf("%0*d", keta, val)` format specification denote the following:

0: to right-align a decimal number and supply 0s enough to fill the number of digits to be displayed

*: to interpret argument "keta" as the number of digits to be displayed

d: to interpret argument "val" as a variable of type int and display it in a decimal number

However, an asterisk * that follows zero flag is not correctly interpreted to be a character in the format string, character string "*d" is displayed.

2.1 Example

```c
#include <stdio.h>

int main(void) {
    printf("%0*d\n",4,123);
}
```

2.2 Workaround

Specify the field width in a decimal number.

```c
#include <stdio.h>

int main(void) {
    printf("%04d\n",123);
}
```

3. **Schedule of Fixing the Problem**

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

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