

A Note on Using Emulator Debuggers M3T-PD308F, M3T-PD30F, M3T-PD308, and M3T-PD30

Please take note of the following problem in using the M3T-PD308F, M3T-PD30F, M3T-PD308, and M3T-PD30 emulator debuggers for the M16C family MCUs:

- On using the C Watch window
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1. Products and Versions Concerned

M3T-PD308F V.3.00 Release 1 supporting the PC7501 emulator
for the M32C/80 series MCUs

M3T-PD30F V.2.00 Release 1 supporting the PC7501 emulator
for the M16C/60 and M16C/20 series MCUs

M3T-PD308 V.5.00 Release 1 supporting the PC4701 emulator
for the M32C/80 and M16C/80 series MCUs

M3T-PD30 V.8.00 Release 1 supporting the PC4701 emulator
for the M16C/60, M16C/30, M16C/20, and M16C/10 series MCUs

2. Description

When the C Watch window is opened or a program is downloaded with the C Watch window being open, the emulator debugger may be abnormally closed.

2.1 Conditions

This problem occurs if the following four conditions are satisfied:

- (1) Such a variable as a structure, a union, or an array that can list its members or elements is entered in the Watch tab of the C Watch window.
- (2) A variable in (1) is displayed in the C Watch window with its members or elements being listed.
- (3) After deleting the variable in (1) from the target program, it is rebuilt.
- (4) Under the condition described in (2), the program rebuilt in (3) is reloaded; or

after displaying a variable as described in (2), the C Watch window is closed and then re-opened with the program rebuilt in (3) having been loaded.

3. Workaround

If this problem occurs, delete the C watch point information file. This file resides in the directory with the filename explained below.

Filename: the one with extension ".cwf" or ".cwt"

Directory: either of the following:

- the same directory where the absolute module file is saved.
- the directory specified by the Customize dialog box that is opened by selecting [Environment] -> [Customize] menu.

4. Schedule of Fixing the Problem

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

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