

Notes on Using Compact Emulator M38000T2-CPE

Here we notify you that two problems depending on versions of firmware files are found in the M38000T2-CPE compact emulator for the 740 family MCUs and explain how to sidestep these problems.

1. Versions of Firmware Files Concerned

All the versions of the M38000A1.C0 earlier than Ver.1.02.00 loaded in the M38000T2-CPE

The version of the firmware file of yours can be seen as follows:

- (1) Launch the M3T-PD38M.
- (2) Open the Help menu and select the About command.
- (3) The Version dialog box appears, in which the version of the M38000A1.C0 firmware file is displayed.

2. Problems

The following problems may occur if any of the versions concerned used:

- (1) As soon as the emulator is powered on, a self-check error arises, which disables the emulator from starting.
- (2) If the D flag is set to 1 (the decimal operation mode enabled), the execution of a program with breakpoints cannot be halted at these breakpoints, and also single-step execution cannot properly be performed.

3. Workaround

Please replace the M38000A1.C0 firmware file in your product with the problem-fixed one (Ver.1.02.00) as follows:

- (1) Download the compressed firmware file "[firm.exe](#)"(154KB).
- (2) Decompress the firm.exe file to obtain the M38000A1.C0 Ver.1.02.00 and Readme_e.txt files.
- (3) Follow the steps shown in Readme_e.txt to update the firmware file.