

A Note on Using the E8 Emulator Software

Please take note of the following problem in using the emulator software for the E8 on-chip debugging emulator:

- With upgrading your E8 emulator software
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1. Product and Versions Concerned

The E8 emulator software V.1.02 Release 00 through V.2.09 Release 02

2. Description

If you upgrade your E8 emulator software to any one of the versions shown in 1 above and connect the upgraded software to the E8 emulator, a problem may occur, in which the following two symptoms develop according to their respective conditions:

Symptom 1: Dispatched is the error message saying "The value is wrong. Set it again." And the software may not be connected to the emulator.

Symptom 2: Changed is the MCU selected in the Devices drop-down list in the Emulator Mode tab of the Emulator Setting dialog box to another.

3. Conditions

3.1 Conditions Developing Symptom 1

Symptom 1 develops if the following conditions are both satisfied:

- (1) Any member of the following MCU series is targeted for debugging:
 - The M16C/Tiny, M16C/60, and M16C/30 series, M16C family
 - The M32C/80 series, M16C family
- (2) "Writing Flash Memory" is the emulator's mode used the last time.

3.2 Condition Developing Symptom 2

Symptom 2 develops if any member of the following MCU series is targeted for debugging:

- The R8C/Tiny series, M16C family
- The M16C/Tiny, M16C/60, and M16C/30 series, M16C family
- The M32C/80 series, M16C family

4. Remedies

4.1 Remedy to Be Applied to Symptom 1

Delete two info files (.ini) for the E8 emulator as follows:

(1) When any member of the M16C/Tiny, M16C/60, and M16C/30 series, M16C family is targeted, delete these:

- SessionM16C_E8_SYSTEM.ini*
- E8M16C.ini**

(2) When any member of the M32C/80 series, M16C family is targeted, delete these:

- SessionM32C_E8_SYSTEM.ini*
- E8M32C.ini**

*The SessionM16C_E8_SYSTEM.ini and SessionM32C_E8_SYSTEM.ini files contain the settings made in the Emulator Setting dialog box for each project workspace. These files are found in the folder where the project workspace is saved.

For example, when the settings are made for the Tutorial project workspace for the M16C/Tiny, M16C/60, and M16C/30 series, M16C MCU family, they are found in

C:\WorkSpace\Tutorial\E8\M16C\Tutorial\Tutorial

**The E8M16C.ini and E8M32C.ini files contain the settings made in the Emulator Setting dialog box during the last debugging.

These files are found under the folder where the High-performance Embedded Workshop (IDE) has been installed.

For example, when the IDE resides in the folder

C:\Program Files\Renesas\Hew

they are found respectively in

C:\Program Files\Renesas\Hew\Tools\Renesas\DebugComp\Platform\E8\E8M16C and

C:\Program Files\Renesas\Hew\Tools\Renesas\DebugComp\Platform\E8\E8M32C

NOTICE:

If you delete .ini files, the settings in the Emulator Setting dialog box will be initialized. If this is the case, make the settings once again.

4.2 Remedy to Be Applied to Symptom 2

Re-select the MCU selected the last time in the Devices drop-down list in the Emulator Mode tab of the Emulator Setting 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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