RENESAS Tool News

Note on Using H8 Tiny/Super Low Power E8a Emulator Debugger (included in E8a Emulator Software)

When using H8 Tiny/Super Low Power E8a Emulator Debugger, which is included in E8a Emulator Software, take note of the following problem:

- With programming flash memories of H8/36077F and H8/36079F MCUs in Program Flash mode

1. Product and Versions Concerned

H8 Tiny/Super Low Power E8a Emulator Debugger
V.1.00.00 through V.1.05.00

2. Description

Suppose that you use the E8a emulator to program flash memories.
If you select the Program Flash mode on the Emulator mode tab
after opening the Emulator Setting dialog box in the emulator debugger,
data cannot correctly be written to the following address ranges:
  Address range of DFFCh to DFFFh in H8/36077F
  Address range of 1FFFCh to 1FFFFh in H8/36079F

Note that if you have selected the Erase Flash and Connect or
Keep Flash and Connect mode, you cannot write to the above address
ranges because they are dedicated to the emulator.

3. Workaround

To avoid this problem, use the problem-fixed file whose name is
H8Device.cnf (free of charge) by following these steps:
(1) Download the H8Device.zip file (61 KB) from here.
(2) Decompress the downloaded file to obtain the H8Device.cnf file.
(3) Overwrite the H8Device.cnf file to the file with the same name,
    which resides under the following folder:
        ¥Tools¥Renesas¥DebugComp¥Platform¥E8a¥E8aH8
    Here, the original one has been installed.

NOTICE:
  By default, the above folder has been installed in the following:
    C:¥Program Files¥Renesas¥Hew

4. Schedule of Fixing Problem
Sorry we have no plan to fix H8 Tiny/Super Low Power E8a Emulator Debugger.

5. Supplement
Though this problem also arises in the E8 emulator, we have no plan to fix it in the E8 emulator because this emulator is a discontinued product. If you are using the E8 emulator and encounter this problem, use the E8a emulator.