# RENESAS Tool News

**RENESAS TOOL NEWS on October 1, 2006: 061001/tn5**

## A Note on Using the E8 Emulator Software V.2.08 Release 00

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

- "Communication Timeout Error" arises when the R8C/Tiny E8 emulator debugger invoked

1. **Product and Version Concerned**
   The E8 emulator software V.2.08 Release 00

2. **Description**
   If the R8C/Tiny E8 emulator debugger included with the product concerned is invoked in the PC where the E8 emulator software earlier than V.2.00 Release 00 has ever been used, "Communication Timeout Error" may arise.

3. **Conditions**
   This problem occurs if the following conditions are all satisfied:

   (1)   Any of the following MCUs of the R8C/Tiny series is targeted:
      - R5F21142, R5F21143, and R5F21144 (R8C/14 group)
      - R5F21152, R5F21153, and R5F21154 (R8C/15 group)
      - R5F21162, R5F21163, and R5F21164 (R8C/16 group)
      - R5F21172, R5F21173, and R5F21174 (R8C/17 group)
      - R5F21181, R5F21182, R5F21183, and R5F21184
        (R8C/18 group)
      - R5F21191, R5F21192, R5F21193, and R5F21194
        (R8C/19 group)
      - R5F211A1, R5F211A2, R5F211A3, and R5F211A4
        (R8C/1A group)

- R5F211B1, R5F211B2, R5F211B3, and R5F211B4 (R8C/1B group)
- R5F21206 and R5F21207 (R8C/20 group)
- R5F21216 and R5F21217 (R8C/21 group)
- R5F21226 and R5F21227 (R8C/22 group)
- R5F21236 and R5F21237 (R8C/23 group)
- R5F21244 and R5F21246 (R8C/24 group)
- R5F21254 and R5F21256 (R8C/25 group)

(2)　When the R8C/Tiny E8 emulator debugger included with the E8 emulator software earlier than V.2.00 Release 00 was invoked, you used to select any communication rate except 500 kbps in the Communication Clock dialog box * to debug programs.

　　* Though automatically opened in the R8C/Tiny E8 emulator debugger included with the E8 emulator software earlier than V.2.00 Release 00, this dialog box does not appear in its version V.2.00 Release 00 and later.

(3)　The R8C/Tiny E8 emulator debugger in (2) above has been updated to V.2.04.00, which is now being used. *
* How to check for the version number of your emulator debugger

　　(a)　In the High-performance Embedded Workshop, open the Tool menu and select the Administration command. The Administration dialog box appears, showing you the Registered Components list box.

　　(b)　Read the version number of the component "R8C E8 SYSTEM" in the Debugger Components folder, which is displayed in the above listbox. The version number of the product concerned is "2.04.00".

## 4. **Workaround**

To avoid this problem, delete the E8R8C.ini file, which is found in the following folder:
(install)¥Tools¥Renesas¥DebugComp¥Platform¥E8¥E8R8C

(install) denotes the folder where your High-performance Embedded Workshop has been installed.

## 5. **Schedule of Fixing the Problem**

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