RENESAS Tool News

A Note on Using the E10A Emulators

Please take note of the following problem in using the E10A emulators, which emulate the SuperH RISC engine family of MCUs:

- On loading user programs to the emulator

1. **Products Concerned**
   The E10A emulators, HSxxxxKCI01H and HSxxxxKCI02H
   These emulate the SuperH RISC engine family of MCUs except the SH7047F, SH7144F, and SH7145F MCUs.

2. **Description**
   User programs may incorrectly be loaded into memory in the above emulators. To examine incorrect loading, conduct verification of programs in memory. If your program has incorrectly been loaded, message "verify error" will appear.

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

   (1)   Any of the E10A emulators is connected with the PC via the PCI interface.

   (2)   The emulator software you are using is a High-performance Embedded Workshop edition.

   (3)   Windows 98 or Windows Me is running on the PC.

4. **Solution**
   To resolve this problem, follow these steps:

   (1)   Download "E10A emulator driver for SuperH family (except for SH7047F, SH7144F and SH7145F) for Windows 98/Windows Me" from Download site.

   (2)   Update your driver to the downloaded one according to your type of emulator as

follows:

(a) For HSxxxxKCI01H
Overwrite your Pcidrv3.vxd file with the downloaded driver file. The Pcidrv3.vxd file is found under the C:¥WINDOWS¥system¥drivers folder.

(b) For HSxxxxKCI02H
Overwrite your Pcidrv4.vxd file with the downloaded driver file. The Pcidrv4.vxd file is found under the C:¥WINDOWS¥system¥drivers folder.