RENESAS Tool News

The E10A-USB Emulator Software Revised to V.2.05 Release 00

We have revised the emulator software for the E10A-USB emulators (HS0005KCU01H and HS0005KCU02H) to V.2.05 Release 00.
(The E10A-USB emulators emulate the SuperH RISC engine, H8S, H8SX families of MCUs.)

1. **Versions to Be Updated**
   The emulator software V1.0.00 through V.2.04 Release 00 for the E10A-USB emulators (HS0005KCU01H and HS0005KCU02H)

2. **Descriptions of Revision**
   2.1 **A Debug MCU Board Supported**
   A debug MCU board for the SH/Tiny series, SuperH RISC engine MCU family has been supported. This optional board, used in combination with each of the E10A-USB on-chip debugging emulators, enables you to utilize part of the debugging utilities of in-circuit emulators on the E10A-USB.

   For details of the debug MCU board, go to the datasheet

   2.2 **Problems Fixed**
   The following problems have been fixed:

   (1) When any MCU of the following groups is targeted for debugging, the emulator fails to communicate with the target MCU, and "Communication timeout error" arises if an auto-update and a break event take place at the same time in the Memory or Monitor window.

   Targeted MCU Groups and Series:

Groups	Series

SH7206	SH7200
SH7211	SH7210
SH7146 and SH7149	SH7146
SH7083, SH7084, SH7085, and SH7086	SH7080
SH7124 and SH7125	SH7125

(2) Erroneous descriptions are found in the I/O file for the SH7211F MCU, SH7211 group, SH7210 series. For details, see RENESAS TOOL NEWS Doc. No. RSO-E10A-USB-060316D, published on March 16, 2006.

3. How to Update Your Product

Free-of-charge online update is available. If you are using the product concerned, go through the following steps:

(1) Download the update program of the product from the Download Site.

(2) Decompress the downloaded ZIP file to obtain the install program (a setup.exe file); then execute it.

(3) Execute the Setup Tool for E10A-USB Emulator program to set up the emulator software for the E10A-USB.

4. Notices

(1) The install program obtained in 3-(2) above cannot change the device group you are using to another one.

(2) If the install program is executed in the system where the High-performance Embedded Workshop V.4.00.02 or earlier resides, it will be upgraded to V.4.00.03.