RENESAS Tool News

The Emulator Software for the E10A-USB Emulators Revised to V.2.12 Release 00

We have revised the emulator software for the E10A-USB emulators (HS0005KCU01H and HS0005KCU02H) to V.2.12 Release 00.
The emulator software and emulators are used for the SuperH RISC engine, H8S, and H8SX families of MCUs.

1. Product and Versions to Be Updated

The emulator software for the E10A-USB emulators (HS0005KCU01H and HS0005KCU02H)
 V1.0.00 through V.2.11 Release 00

2. Descriptions of Revision

2.1 Supported Devices Increased

The following devices have been added to the support line:

Device Group	Devices
H8S	H8S/2463F and H8S/2112F

2.2 Functions Improved

The following functions have been improved:

(1) Start/Stop function

The Start/Stop function, which was introduced in the V.2.11 Release 00 product, have become performed via GUI.
Note that this function can be used for any member of the SH-2 device group except when SH7047F, SH7145F, SH7144F, SH7615, SH7616, SH7618, SH7619, SH7606, or SH-2_custom_MCU is selected as the device name at invoking the E10A-USB emulator.

(2) Function of loading programs into external flash memory

When systems with members of the SH-2A device group are debugged, programs can be loaded into external flash memory about 2.5 times faster than before.

(3) Function of modifying On-chip breakpoints

When systems with members of the SH-4A and New_SH-Mobile device groups are debugged, the On-chip breakpoints that have already been set can be modified according to the changes made to the user program.
This function has already been supported for all the members of H8S, H8SX, SH-2A, and SH-2 device groups except the SH7145, SH7144, and SH7047 devices.

3. How to Update Your Product

Free-of-charge online update is available. Use AutoUpdate Utility on and after May 21; otherwise use the following procedure:
(1) Download the update program* of the product (a ZIP file) from the Web site at
     http://www.renesas.com/e10a_usb_download
   This site will be opened from May 20 on.

   *Two types of update program are available. The one consists of the update programs each of which is downloaded individually for the corresponding device group supported by the E10A-USB. The other, the full-package edition, consists of those that can be downloaded at a time for all the device groups. Use either of the two.

(2) Decompress the downloaded ZIP file to obtain the install program and execute it.
   If you have downloaded the full-package edition of the update programs, you will obtain HewInstMan.exe, and if the other, setup1.exe.

4. Notice

If either of the installer programs is executed in the development system where High-performance Embedded Workshop V.4.04.00 or earlier resides, it will be upgraded to V.4.04.01.

included. The URLs in the Tool News also may be subject to change or become invalid without prior notice.