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The Emulator Software for the E10A-USB Emulators Revised to V.2.03 Release 00

We have revised the emulator software package for the E10A-USB Emulators (HS0005KCU01H and HS0005KCU02H) from V.2.02 Release 00 to V.2.03 Release 00. This software package is used for the SuperH RISC engine, H8S, and H8SX families of MCUs.

1. Versions to Be Upgraded

The emulator software for the E10A-USB emulators (HS0005KCU01H and HS0005KCU02H) V1.0.00--V.2.02 Release 00

2. Descriptions of Revision

2.1 The following MCUs have been added to the support line:

- (1) H8S/2116F, H8S/2215RF, R8J32500, and R8J32700C in the H8S family
- (2) H8SX/1654F, H8SX/1663F, H8SX/1664F, and H8SX/1651 in the H8SX family
- (3) SH7618A, SH7650, SH7083F, SH7084F, SH7085F, SH7086F, SH7146F, SH7149F, SH7124F, and SH7125F in the SH-2-cored SH family
- (4) SH7211F and SH7261 in the SH-2A-cored SH family
- (5) SH7785 in the SH-4A-cored SH family
- (6) SH7346 in the SH-Mobile series, SH family

2.2 The following problems have been fixed:

- (1) If memory accessing functions* are performed during execution of the user program, the program may be halted even though the STOP button is not pressed to forcibly break it. At this time, message "BREAK KEY" appears in the Output window.

This problem arises when you debug programs for the New_SH-Mobile series and SH-4A- and SH-2A-cored devices in the SH family.

* Those of reading from and writing to memory, displaying the values of variables, monitoring, displaying built-in I/Os, displaying the names and values of labels and variables, and automatically updating the values of variables during program execution.

- (2) If "H8S_custom_SoC" is selected as the target device at starting the emulator software, the emulator software cannot be connected with the emulator with message "MCU ID code error" displayed.

3. How to Update Your Software

Free-of-charge online update is available if you are using the product concerned. The update procedures are as follows:

- (1) Download the update program from 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 updated to V.4.00.03.

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