Notes on Usage of the H8S, H8SX Family E10A-USB Emulator

Please read the following notes on usage of the E10A-USB emulator.

1. [Go To Cursor] by the H8SX Family E10A-USB Emulator

    (1) When [Go To Cursor] is selected, the settings of Break Condition channel 4 are disabled.

    (2) When Sequential Break Condition 4-3-2-1 is set, [Go To Cursor] is not available.

2. Break Condition by the H8SX Family E10A-USB Emulator

    When execution resumes from the address where a Break Condition (i.e., a break before prefetch address execution) is specified, single-step operation is performed at the address and execution is continued from the next PC value. Therefore, realtime operation cannot be performed.

3. H8SX/1651 E10A-USB Emulator

    If you are using H8SX E10A-USB V.2.02.00 and select the H8SX/1651 after completing the setup by this installer, the [External flash memory setting] dialog box contains the setting made in the previous version of emulator*. To save this setting, click the [Save] button.

    *Note: If you select "(initialize)" in the [Select External Flash setting file] list box, the setting in the [External flash memory setting] dialog box will be initialized.

4. Loading Sessions

    Information in [JTAG clock] of the [Configuration] dialog box cannot be saved by sessions. The JTAG clock value becomes the initial value when starting up the emulator.

5. [Program Flash] Mode (H8SX/1725 Group)

    This mode only supports programming of data to the internal flash memory. That is, programming of external flash memory and data-flash EEPROM is not possible.

6. Software Standby and Module Stop Modes

    (H8S/2456, H8S/2456R, H8S/2454, H8S/2426, H8S/2426R, and H8S/2424 Group)

    The emulator cannot access the CPU in the software standby or module stop mode. Do not attempt to perform the following operations.

    - Click on the [Stop] button
    - Access memory while the user program is running (e.g. viewing or refreshing the [Memory] or [IO] window)

7.   Setting the [Set Break] Dialog Box

Additional documents for the user's manual of the H8S, H8SX family E10A-USB emulator include the description that no breakpoints can be set in areas occupied by the E10A-USB emulator program. However, this description is incorrect.

8.   Note on Connecting the E10A-USB Emulator When the H8S/2427, H8S/2427R, H8S/2425 Group is in Use and the Power Voltage for the User System is 5.0 to 5.5 V

Place a 22-Ω damping resistor on the signal lines of ETCK, ETRST#, ETDO, ETDI, and ETMS on the user system.

9. Corrections

The type number for the 14-pin connector is incorrect in Figure 1.3, Example of Emulator Connection, of section 1.4, Example of Emulator Connection, in the manuals given below.

Incorrect: 3M Limited: 7614-6002
Correct: 3M Limited: 2514-6002

Manuals
- H8S,H8SX Family E10A-USB Emulator Additional Document for User's Manual Supplementary Information on Using the H8S/2456, H8S/2456R, H8S/2454 Group Rev.2.00
- H8S,H8SX Family E10A-USB Emulator Additional Document for User's Manual Supplementary Information on Using the H8S/2426, H8S/2426R, H8S/2424 Group Rev.2.00
- H8S,H8SX Family E10A-USB Emulator Additional Document for User's Manual Supplementary Information on Using the H8S/2427, H8S/2427R, H8S/2425 Group Rev.1.00
- H8S,H8SX Family E10A-USB Emulator Additional Document for User's Manual Supplementary Information on Using the H8SX/1622F
  Rev.2.00
- H8S,H8SX Family E10A-USB Emulator Additional Document for User's Manual Supplementary Information on Using the H8SX/1635F, H8SX/1631F, H8SX/1633F Rev.2.00
- H8S,H8SX Family E10A-USB Emulator Additional Document for User's Manual Supplementary Information on Using the H8SX/1638F, H8SX/1632F, H8SX/1634F, H8SX/1638LF, H8SX/1632LF, and H8SX/1634LF
  Rev.3.00
- H8S,H8SX Family E10A-USB Emulator Additional Document for User's Manual Supplementary Information on Using the H8SX/1645F, H8SX/1643F, and H8SX/1641F Rev.2.00
- H8S,H8SX Family E10A-USB Emulator Additional Document for User's Manual Supplementary Information on Using the H8SX/1648F, H8SX/1642F, H8SX/1644F, H8SX/1648LF, H8SX/1642LF, H8SX/1644LF, H8SX/1648GF, H8SX/1642GF, H8SX/1644GF, H8SX/1648HF, H8SX/1642HF, and H8SX/1644HF
  Rev.3.00