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A Note on Using the E8a and E8 Emulator Software Products --With Debugging Systems Designed with Any Member of the M32C/80 MCU Series--

Please take note of the following problem in using the emulator software products for the E8a and E8 on-chip debugging emulators:

- With debugging systems designed with any member of the M32C/80 MCU series
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1. Products and Versions Concerned

- (1) E8a emulator software V.1.00 Release 00 through V.1.01 Release 00
- (2) E8 emulator software V.2.04 Release 00 through V.2.10 Release 00

2. Description

When you debug systems designed with any member of the M32C/80 MCU series, the contents of addresses 88Ah and 88Bh in the on-chip RAM of the MCU are rewritten to FFh and 01h.

3. Conditions

This problem occurs if the following conditions are all satisfied:

- (1) The M32C E8a Emulator Debugger or M32C E8 Emulator Debugger included in the products and version concerned is used.
- (2) The system is designed with any member of the M32C/80 MCU series.
- (3) Any of the following operations has been performed:
 - Loading the user program on the target MCU via the emulator
 - Setting PC breakpoints
 - Changing contents of on-chip flash memory in the Memory window, for instance
 - Changing the settings of the Start/Stop functions

4. Workaround

Do not use the addresses 88Ah and 88Bh in the on-chip RAM as a portion of the stack or data area.

5. Schedule of Fixing the Problem

We plan to fix this problem in the next release of the products.

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