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## A Note on Using the R0E420000MCU00 MCU Unit for the E100 Emulator

When you use the R0E420000MCU00 MCU unit for the E100 emulator, take note of the following problem:

- With displaying memory contents in real time in the RAM Monitor Window

NOTE: This MCU unit is used for the H8S/Tiny series of MCUs.

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### 1. Product Concerned

The R0E420000MCU00 MCU unit for the E100 emulator

### 2. MCUs Involved

All the MCUs of the H8S/Tiny series are involved.

### 3. Description

The internal RAM, in which information about the registers of the data transfer controller (DTC) is stored, is connected with the DTC by using a 32-bit bus. However, the E100 emulator can monitor the variations of information only by 16 bits in length. So if you display contents of the internal RAM in the RAM Monitor window, information about the registers of the DTC cannot correctly be provided.

Note, however, that even if memory contents are incorrectly displayed in the RAM Monitor window, the CPU is functioning properly.

And, memory accesses made by the CPU and the DTC transfers can be displayed correctly if you use the RAM monitoring function of the RAM Monitor window.

This problem is a limitation imposed on using the R0E420000MCU00 MCU unit for the E100 emulator.

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