RENESAS Tool News

A Note on Using M16C R8C E100 Emulator Software V.1.03 Release 00

When you use M16C R8C E100 Emulator Software V.1.03 Release 00, take note of the following problem:

- With using the MCU unit for the R8C/3x MCU series--R0E521300MCU00

1. Description

If you use M16C R8C E100 Emulator Software V.1.03 Release 00 together with the MCU unit for the R8C/3x MCU series, R0E521300MCU00, the following symptoms arise:

(1) The high-speed on-chip oscillator clock does not operate at a designated frequency of approximately 40 MHz. For instance, it will operate at approximately 20 MHz.

(2) If the Optional Function Select register (OFS, at address 0FFFFh) and the Optional Function Select register 2 (OFS2, at address 0FFDBh) are set to value except "FFh", they operate as if they were set to "FFh".

2. Workaround

Use the R0E521300MCU00 MCU unit together with any of the following products.
M16C R8C E100 Emulator Software
V.1.01 Release 00, V.1.02 Release 00, and V.1.02 Release 01

The V.1.02 Release 01 product can be downloaded from:
http://www.renesas.com/e100_download
The above URL is one of our global sites.

3. Schedule of Fixing the Problem

We plan to fix this problem in the next version of the emulator software, V.1.03 Release 01, and will inform you of its release on our tool news.