# RENESAS Tool News

## The E8 Emulator Software Revised to V.2.08 Release 00

We have revised the emulator software for the E8 on-chip debugging emulator from V.2.07 Release 01 to V.2.08 Release 00.

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1. ## Descriptions of Revision

   1.1 **Emulator Debuggers Revised**

   Among the debuggers included in the E8 emulator software V.2.08 Release 00, three have been revised. The revised debuggers are as follows:
   - The R8C/Tiny E8 emulator debugger V.2.04.00
   - The M16C/Tiny, M16C/62P E8 emulator debugger V.2.00.00
   - The M32C/80 E8 emulator debugger V.2.00.00

   Note that the H8/300H Tiny, H8/300H Super Low Power, H8/300L Super Low Power E8 emulator debugger has not been revised since its V.1.02.01.

   1.2 **Supported MCUs Increased**

   The following MCUs have been added to the support line:

   (1) In the R8C/Tiny series
   R5F21206 and R5F21207 MCUs, R8C/20 group
   R5F21216 and R5F21217 MCUs, R8C/21 group
   R5F21226 and R5F21227 MCUs, R8C/22 group
   R5F21236 and R5F21237 MCUs, R8C/23 group

   (2) In the M16C/Tiny series
   M30280FC and M30281FC MCUs, M16C/28 group

   (3) In the M16C/30 series
   M30302FAP, M30302FCP, and M30302FEP MCUs,

M16C/30P group

## 1.3 Functions Improved and Introduced

(1) The dialog boxes displayed at connecting emulator debuggers with the E8 emulator have been unified into the single one in all the revised emulator debuggers.

(2) Reset signals can be inputted from the target board in the R8C/Tiny E8 emulator debugger.

(3) The Memory Expansion mode is supported in the M16C/Tiny, M16C/62P E8 and the M32C/80 E8 emulator debugger

## 1.4 A Problem Fixed

The following known problem has been fixed:
After the E8 emulator software has been installed, the DocumentUpdater or the SQMlint (MISRA C rule checker) may not be installed.
For details, see RENESAS TOOL NEWS No. RSO-E8-060616, published on June 16, 2006.

## 2. How to Update Your Product

Free-of-charge online update is available. If you are using the product concerned, download the executable file of the update program from the Download Site and execute it.

**NOTICES:**

- You can select an update program out of two: the full-package and the debugger package edition. The former contains a full set of the emulator debuggers for the E8 emulator, the High-performance Embedded Workshop, the evaluation version of the C compiler package, the AutoUpdate utility, and the user's manual. Note, if you select the latter, that it contains the emulator debuggers for the E8 emulator and the High-performance Embedded Workshop only.
- If the update program is installed in the system where the High- performance Embedded Workshop V.4.00.02 or earlier resides, it will be upgraded to V.4.00.03.