

RENESAS TOOL NEWS on November 1, 2004: RSO-E8-041101D

On-Chip Debugging Emulator--E8-- for the R8C/Tiny Series Released

We released an on-chip debugging emulator E8 on this October 25. The E8 is used for the R8C/14, R8C/15, R8C/16 and R8C/17 groups MCUs (R8C/Tiny series, M16C family).

1. Outline

The on-chip debugging emulator E8 supports the R8C/14, /15, /16 and /17 groups MCUs (R8C/Tiny series, M16C family).

It can emulate an actual MCU mounted on the target board by utilizing only the MCU's single pin dedicated to debugging; not user's port pins. So the E8 allows you to debug your programs under approximately the same conditions as in final products.

With the product package are included such software tools as two integrated development environments High-performance Embedded Workshop and TM, a C compiler M3T-NC8C, an emulator, and a debugger, so you can start developing and debugging your application programs immediately after getting and unpacking the product.

2. The Contents of the Product Package

- (1) An emulator
- (2) A USB cable (1.5 m; USB 1.1 full-speed supported and can be connected to host machines equipped with the USB 2.0 interface.)
- (3) A user interface cable
- (4) A CD-ROM containing the following software tools:
 - o Two integrated development environments, High-performance Embedded Workshop and TM
 - o An M3T-NC8C C compiler specific to the R8C/Tiny series
 - o An emulator debugger (interface software)

For further information on the product, see its datasheet.

3. Schedule of Expanding Supported MCUs

We are going to expanding MCUs supported by the E8 successively: they include the R8C/10, /11, /12 and /13 groups, the M16C/Tiny and H8/Tiny series and others.

4. **Ordering Information**

If you place an order for the product, please provide the following items of information for your local Renesas Technology sales office or distributor:

Product Type	Type Name	Comment
R0E000080KCE00	R0E000080KCE00	--

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