RENESAS Tool News

Compact Emulator for the H8/300H Tiny Series --R0E436640CPE00--Released

We have released the compact emulator for the H8/300H Tiny series of MCUs, R0E436640CPE00.

1. **Outline**

   The R0E436640CPE00 compact emulator is used for the H8/300H Tiny series of MCUs and provided with real-time trace functions. With the product package are included such software tools as integrated development environments, a C/C++ compiler, an emulator debugger, so you can start developing and debugging* your application programs immediately after getting and unpacking the product.

   * To debug programs, the optional converter board for connecting the target MCU is required in addition to the compact emulator.
     For combination of R0E436640CPE00 and optional converter board, see Section 3.2 later.

   Its features are as follows:
   - Fundamental debugging functions much enhanced.
   - Real-time trace functions supported.
   - Compactly designed in size.
   - Programming and debugging tools included.
   - Economical-priced.
   - USB (USB 1.1 full-speed) supported. (Also can be connected to host machines equipped with the USB 2.0 interface.)

2. **The Contents of The Product Package**

   (1) A compact emulator--R0E436640CPE00

   (2) An evaluation MCU (already mounted)

   (3) Two oscillator boards

- OSC-3 for the 20-MHz main clock (already mounted)
- OSC-2 for main clocks

(4) A USB interface cable (1.8 m)

(5) A power cable (30 cm; no power supply included)

(6) An integrated development environment--High-performance Embedded Workshop

(7) An emulator debugger-debugger package for the H8/300H Tiny series

(8) A C/C++ compile packager for the H8, H8S, and H8SX families (preview version)

(9) A user's manual

For further information on the specifications of the product, see its datasheet.

3. Ordering Information

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

3.1 R0E436640CPE00 Only (without Optional Converter Board)

Product Type	Type Name	Comment
R0E436640CPE00	R0E436640CPE00	--

For the price of the product, contact your local Renesas Technology sales office or distributor.

3.2 Combination of R0E436640CPE00 and Optional Converter Board
The set of the R0E436640CPE00 and an optional converter board are available for two types of package as shown below.

(1) Set for 64-pin 0.8-mm-pitch QFP-packaged MCUs in the H8/3664, H8/3694, H8/3687, H8/36064, and H8/36087 groups
Product Type: R0E436640CPE10
Contents: R0E436640CPE00 and converter board R0E436640CFG20

(2) Set for 64-pin 0.5-mm-pitch LQFP-packaged MCUs in the H8/3664, H8/3694, H8/3687, H8/3672, H8/36014, H8/36064, and H8/36087 groups
Product Type: R0E436640CPE20

Contents: R0E436640CPE00 and converter board
R0E436640CFK20

Product Type	Type Name	Comment
R0E436640CPE10	R0E436640CPE10	--
R0E436640CPE20	R0E436640CPE20	--

For the price of the product, contact your local Renesas Technology sales office or distributor.

4. **Note**

This product cannot be exported to the countries where the bearing of the CE marking is necessary. Now we are making arrangements for obtaining the CE marking (in this July). So when we have obtained the marking, we will also inform you of it on our news.