

RENESAS TOOL NEWS on February 1, 2005: RSO-M30850T2-CPE-050201D

Compact Emulator M30850T2-CPE Released (For the M32C/84, M32C/85, and M32C/86 Groups of MCUs)

We have released the M30850T2-CPE compact emulator, which is used for the M32C/84, M32C/85, and M32C/86 groups of MCUs.

1. Outline

The M30850T2-CPE is a compact emulator with real-time trace functions and is used for the M32C/84, M32C/85, and M32C/86 groups, M32C/80 Series of MCUs.

Its features are as follows:

- Fundamental debugging functions much enhanced.
- Real-time trace functions supported.
- Compactly designed in size.
- Programming and debugging software 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.)

With the product package are included such software tools as integrated development environments, a C compiler, an assembler, an emulator debugger, so you can start developing and debugging your application programs immediately after getting and unpacking the product.

The M30850T2-CPE operates under the following conditions:

- operating clock frequencies: 32 MHz maximum
supply voltages to target: 4.2--5.5 V, and
- operating clock frequencies: 24 MHz maximum
supply voltages to target: 3.0--5.5 V

NOTICE:

This compact emulator does not support the page mode control function for the ROM-less version of the M32C/84 group of MCUs.

2. The Contents of the Product Package

- (1) A compact emulator--M30850T2-CPE
- (2) An evaluation MCU (already mounted)
- (3) A converter board--M30800T-PTC--for connecting a 100-pin 0.65-mm- pitch QFP
- (4) A 100-pin 0.65-mm-pitch IC socket--IC61-1004-051--manufactured by Yamaichi Electronics Co., Ltd.
- (5) Two oscillator boards
 - OSC-3 for the 32-MHz main clock (already mounted)
 - OSC-2 for main clocks
- (6) A USB interface cable (1.8 m)
- (7) A power cable (30 cm; no power supply included)
- (8) An emulator debugger--M3T-PD308MF (specific to the M30850T2-CPE)
- (9) A C compiler--entry version of M3T-NC308WA
This entry version includes a C compiler, an assembler, and two integrated development environments (High-performance Embedded Workshop and TM)
- (10) A user's manual

For further information on the specifications of the product, please 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:

Product Type	Type Name	Comment
M30850T2-CPE	M30850T2-CPE	None

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

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