

RENESAS TOOL NEWS on October 16, 2003: RSO-M30245T3-RPD-E-031016D

## Emulation Pod M30245T3-RPD-E (Specific Product) Released

We have released the M30245T3-RPD-E emulation pod (specific product) for the M30245 of the M16C/24 group MCUs. The pod is used in combination with the PC4701 emulator.

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### 1. Outline

The M30245T3-RPD-E is an emulation pod used in combination with the PC4701 emulator for the M16C, 7700, and 740 families and supports the M30245 of the M16C/24 group of Renesas 16-bit MCUs.

Its main operating conditions are as follows:

- Maximum operating frequency: 16 MHz (at  $V_{CC} = 3.0\text{--}3.6\text{ V}$ )
- Target system voltage: 3.0--3.6 V

### 2. The Contents of the Product Package

- An emulation pod
- An evaluation MCU (already mounted)
- Two oscillator boards
  - OSC-3 for the 16-MHz main clock (already mounted)
  - OSC-2 for the main clock
- A 120-conductor flexible cable--FLX120-RPD--for connecting the product with the emulator
- A 100-conductor flexible cable--FLX100--for connecting the product with the target system
- A converter board--M3T-FLX-100NSD--for connecting an FLX100 with a 100P6Q-A (a 100-pin 0.5-mm-pitch LQFP)
- Twelve resistor networks (consisting of four 51-k $\Omega$  resistors each) for pulling up port P0--P5
- A user's manual

For details of the specifications of the product, please see its datasheet on the Web site.

### 3. Notices

The M30245MC-XXXGP evaluation MCU, already mounted on the product, is involved in the problem described in "M30245MC/8-XXXGP Cautions on Serial I/O (RENESAS TECHNICAL NEWS No.M16C-112-0309)".(28-KB PDF file)

On the other hand, the M30245FCGP flash-ROM-version MCU is not involved in this problem because its characteristics are a little different from those of the M30245MC-XXXGP evaluation MCU. So, note that the results of emulation using the pod are not the same as the operations of the flash-ROM-version MCU in the actual system.

After fixing this problem, we are going to upgrade the product concerned free of charge. And we will inform you of details of the upgrade in our tool news.

To the customers who are using the M30245T-RPD:

The WS (TS) and ES products of the M30245T-RPD are also involved in this problem. We are also going to upgrade these products free of charge after fixing the problem and will inform you of it at a later date.

#### NOTE:

The M30245T-RPD products bearing any of the following lot numbers are free from this problem because the flash-ROM-version MCU is used as their emulation MCU:  
Lot Nos.: 2DM008C, 2DM009C, and 2HM011D

### 4. Ordering Information

Product Type	Type Name	Comment
M30245T3-RPD-E	M30245T3-RPD-E	--

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