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RENESAS TOOL NEWS on August 1, 2004: RSO-M306NKT3-RPD-E-040801D

## Emulation Pod M306NKT3-RPD-E Released

We have released the M306NKT3-RPD-E emulation pod for the M16C/6N4, M16C/6N5, M16C/6NK, M16C/6NL, M16C/6NM, and M16C/6NN MCUs belonging to the M16C/6N Group in the M16C/60 series of the M16C family.

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### 1. Outline

The M306NKT3-RPD-E emulation pod is used in combination with the PC4701 emulator (\*) for the M16C, 7700, and 740 family MCUs and supports the M16C/6N4, M16C/6N5, M16C/6NK, M16C/6NL, M16C/6NM, and M16C/6NN in the M16C/6N group of Renesas 16-bit MCUs.

#### NOTE:

- \* The PC4701 is the generic name of its product line, and here the PC4701L and PC4700L are excluded.

The M16C/6NK and M16C/6NL are the brand-new microcomputers announced on newspapers on this July 20. For details of these, go to "Press Releases"

The main specifications of the M306NKT3-RPD-E are as follows:

- \* Maximum operating clock frequency: 16 MHz
- \* Supply voltages to the target system:

Vcc = 4.2--5.5 V at debugging the M16C/6N4 and M16C/6N5

Vcc = 3.0--5.5 V at debugging the M16C/6NK, M16C/6NL, M16C/6NM, and M16C/6NN

NOTICE: If operating frequencies exceed 16 MHz, use the PC7501 emulator instead of the PC4701.

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

### 2. The Contents of the Product Package

- (1) An emulation pod

- (2) Two evaluation MCUs--M30627MHPGP \* 1 and M306NMFJGP \* 1 (already mounted)
- (3) Two oscillator boards
  - \* OSC-3 for the 16-MHz main clock (already mounted)
  - \* OSC-2 for main clocks
- (4) A 120-wire flexible cable--FLX120-RPD--for connecting the emulator
- (5) A 160-wire flexible cable--M3T-FLX160C--for connecting the target system
- (6) A converter board--M30800T-PTC--for connecting a 100-pin 0.65-mm-pitch LCC (100D0)
- (7) Six 51-kiloohm network resistors for pulling up ports P0--P5
- (8) A 100-pin 0.65-mm-pitch LCC socket--IC61-1004-051--manufactured by Yamaichi Electronics Co., Ltd.
- (9) A user's manual

### 3. 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
M306NKT3-RPD-E	M306NKT3-RPD-E	--

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

### 4. Note

According to the release of the M306NKT3-RPD-E, the M306N4T3-RPD-E emulation pod, currently used for the M16C/6N4 and M16C/6N5 MCUs in the M16C/6N group, are being shipped for repair and spare use only.

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