
RENESAS TOOL NEWS on October 1, 2004: RSO-M30290T-EPB-041001D

An Emulation Probe M30290T-EPB for the M16C/Tiny Series MCUs Released

We have released an emulation probe--M30290T-EPB--for the M16C/26A, M16C/28, and M16C/29 groups, M16C/Tiny series, M16C family of MCUs.

1. Outline

The M30290T-EPB emulation probe, used in combination with the PC7501 emulator and an optional converter board* for connecting your target MCU, can debug the M16C/Tiny series of MCUs.

* See Section 3.2

2. The Contents of the Product Package

- (1) An MCU board--M30290T-EPBM--for the M16C/26A, M16C/28, and M16C/29 groups
- (2) An evaluation MCU (already mounted)
- (3) A probe board--PCA7501EPBA--for the PC7501 emulator
- (4) Two oscillator boards
 - OSC-3 (for 20-MHz main clock)
 - OSC-2 (for main clock)
- (5) A user's manual

For further information on the product, see its datasheet.

3. Ordering Information

When you place an order for the product you want, please provide the necessary items of information in the lists below for your local Renesas Technology sales office or distributor.

3.1 On the M30290T-EPB Only (with No Converter Board for Connecting a Target MCU)

Product Type	Type Name	Comment

M30290T-EPB	M30290T-EPB	--
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About the price, please contact your local Renesas Technology sales office or distributor.

3.2 On the Set of an M30290T-EPB and a Converter Board for Connecting a Target MCU Converter boards vary with the MCUs connected. The name and contents of the set corresponding to each MCU are as follows:

- (1) For the M30260 MCU
(48-pin, 0.5-mm-pitch LQFP in the M16C/26A group)
Set Name: M30260T-EPB-GP
Contents: an M30290T-EPB and an M30260T-48FPD converter board
- (2) For the M30263 MCU
(42-pin, 0.8-mm-pitch SSOP in the M16C/26A group)
Set Name: M30263T-EPB-FP
Contents: an M30290T-EPB and an M30263T-42SSB converter board
- (3) For the M30280 and the M30290 MCU
(Both 80-pin, 0.5-mm-pitch LQFP in the M16C/28 and the M16C/29 group respectively)
Set Name: M30290T-EPB-HP
Contents: an M30290T-EPB and an M30290T-80FPD converter board
- (4) For the M30281 and the M30291 MCU
(Both 64-pin, 0.5-mm-pitch LQFP in the M16C/28 and the M16C/29 group respectively)
Set Name: M30291T-EPB-HP
Contents: an M30290T-EPB and an M30291T-64FPD converter board

Ordering Information on Each Set

Set Name	Type Name	Comment
M30260T-EPB-GP	M30260T-EPB-GP	--
M30263T-EPB-FP	M30263T-EPB-FP	--
M30290T-EPB-HP	M30290T-EPB-HP	--
M30291T-EPB-HP	M30291T-EPB-HP	--

About the prices, please contact your local Renesas Technology sales office or distributor.

4. Notice

We are going to upgrade the already-shipped WS products to those equivalent to the mass-

produced probe free of charge.

So when we have been ready to upgrade, we will inform you of it on RENESAS TOOL NEWS.

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