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## M30290T2-CPE Release Notes    - Read this before using this product -

Renesas Solutions Corp.

This document contains the information necessary for using this product. Be sure to read this before using the product.

## Introduction

The M30290T2-CPE is a compact emulator for the M16C/26A, M16C/28 and M16C/29 Groups of Renesas 16-bit MCUs. This product consists of the following three products.

(1) Emulator M30290T2-CPE

Compact emulator (board) for the M16C/26A, M16C/28 and M16C/29 Groups

(2) M16C R8C Compact emulator debugger V.1.01.00 Release 00

Control software specifically designed for the M16C R8C compact emulator.

(3) C compiler package M3T-NC30WA V.5.30 Release 02 (Evaluation version)

This version is an evaluation version of the C compiler for the M16C/60, M16C/30, M16C/Tiny, M16C/20, M16C/10 and R8C/Tiny Series. The evaluation version compiler is functionally equivalent to the professional version for 60 days after its compilation, but after the lapse of this period the size of the link file is limited to 64 KB. Therefore, please choose to purchase a professional version before this period expires or continue using the free compiler as a limited version. Technical support and upgrade service are not provided with the M3T-NC30WA (Evaluation version).

## Setup Guide

| | *For details, refer to...* |
|---|---|
| 1. Check the contents | >> "Package Components" (right) |
| ▼ | |
| 2. Register your M30290T2-CPE | >> H/W Tool Customer Registration Sheet |
| ▼ | |
| 3. Install emulator debugger and C compiler | >> "Installing the Included Software Products" (next page) |
| ▼ | |
| 4. Setup hardware | >> M30290T2-CPE User's Manual "Chapter 2. Setup" |
| ▼ | |
| 5. Turn on the emulator | >> M30290T2-CPE User's Manual "Chapter 2. Setup" |
| ▼ | |
| 6. Startup the High-performance Embedded Workshop and emulator debugger | >> M30290T2-CPE User's Manual "Chapter 3. Usage" |
| ▼ | |

| 7. For usage of each product | >> For the M30290T2-CPE, refer to the "M30290T2-CPE User's Manual". |
|---|---|
| | >> For the M3T-NC30WA and emulator debugger, refer to each online manual which is installed with the product. |

## Package Components

Check to see if your product package contains all of the following items before using the product.

| | | |
|---|---|---|
| 1 | M30290T2-CPE emulator main unit | 1 pc. |
| | Oscillator circuit board OSC-3 (20MHz, mounted on M30290T2-CPE) | 1 pc. |
| 2 | Oscillator circuit board OSC-2 (only J1 mounted) | 1 pc. |
| 3 | USB interface cable | 1 pc. |
| 4 | Power cable (prepare the power supply separately) | 1 pc. |
| 5 | Ferrite core | 1 pc. |
| 6 | H/W Tool Customer Registration Sheet (English) | 1 pc. |
| 7 | H/W Tool Customer Registration Sheet (Japanese) | 1 pc. |
| 8 | M30290T2-CPE Release Notes (this document) | 1 pc. |
| 9 | M30290T2-CPE Release Notes (Japanese) | 1 pc. |
| 10 | M30290T2-CPE User's Manual (English) | 1 pc. |
| 11 | M30290T2-CPE User's Manual (Japanese) | 1 pc. |
| 12 | CD-ROM  - M16C R8C Compact emulator debugger V.1.01.00 Release 00<br>　　　　　- C compiler package M3T-NC30WA V.5.30 Release 02<br>　　　　　　(Evaluation version) | 1 pc. |

If any of these items are missing or found faulty, please contact your local distributor.

## Operating Environment of the Included Software Products

The operating environments of the included software products are shown below.

| Host machine | IBM PC/AT compatibles |
| --- | --- |
| OS | Windows 98SE, Windows Me, Windows 2000, Windows XP |
| CPU | Pentium III 600MHz or greater recommended |
| Memory | 128MB or greater recommended |

## Installing the Included Software Products

(1) Installing the emulator debugger (required)

   \* **If using Windows XP or Windows 2000 as the host machine OS, have an emulator debugger installed by someone of administrator access level. Installation cannot be completed by users with lower access level status.**

   \* After inserting the included CD-ROM into the host machine's CD-ROM drive, the installation window will open. Select "M16C R8C Compact emulator debugger V.1.01.00 Release 00" and click "Install" button. Then, install the software as instructed by the displayed messages.

(2) Installing the C compiler M3T-NC30WA Evaluation version (optional)

   \* **If the professional version M3T-NC30WA is already installed, do NOT install the M3T-NC30WA (Evaluation version) included with this product and use the original M3T-NC30WA.**

   \* After inserting the included CD-ROM into the host machine's CD-ROM drive, the installation window will open. Select "C compiler package M3T-NC30WA V.5.30 Release 02 (Evaluation version)" and click "Install" button. Then, install the software as instructed by the displayed messages.

## Precautions for Using the Included Software Products

(1) Release notes are installed during the software installation. Read it before using the software product.

(2) Electronic manuals and release notes are included in the software package. Acrobat Reader 4.0 or later, or Adobe Reader is needed to view these manuals.

   The latest version of Adobe Reader can be downloaded from Adobe Systems website (http://www.adobe.com/).
Acrobat and Adobe are registered trademarks of Adobe Systems Incorporated.

## For the Latest Information

Visit our website (URL below). Please use this website providing the latest information of Renesas tool products. Furthermore, the latest version of the included software (emulator debugger and C compiler package evaluation version) can be downloaded.

   http://www.renesas.com/en/tools

## To Contact Us

For the emulator M30290T2-CPE and emulator debugger, fill in the text file which is downloaded from the following page, then send the information to your local distributor.

   http://tool-support.renesas.com/eng/toolnews/registration/support.txt

We cannot answer any technical question about evaluation version of the C compiler package M3T-NC30WA.