

To our customers,

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## Old Company Name in Catalogs and Other Documents

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On April 1<sup>st</sup>, 2010, NEC Electronics Corporation merged with Renesas Technology Corporation, and Renesas Electronics Corporation took over all the business of both companies. Therefore, although the old company name remains in this document, it is a valid Renesas Electronics document. We appreciate your understanding.

Renesas Electronics website: <http://www.renesas.com>

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Renesas Electronics Corporation

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## M3028BT2-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 M3028BT2-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 M3028BT2-CPE

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

(2) M16C R8C Compact Emulator Software

- M16C R8C Compact Emulator Debugger

Control software specifically designed for the M16C R8C compact emulator.

- C compiler package M3T-NC30WA (Evaluation version)

This version is an evaluation version of the C compiler package for M16C Series and R8C Family. 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 64KB. Therefore, please choose to purchase a professional version before this period expires or continue using the free compiler as a limited version.

Note that separate marketing of the C compiler package M3T-NC30WA has been discontinued, and the three C compiler packages for the R8C and M16C MCU families have been integrated into one set and published under the name of "C Compiler Package for R8C and M16C Families" (R0C52100XSW05R).

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 M3028BT2-CPE

>> H/W Tool Customer Registration Sheet



3. Install emulator debugger and C compiler

>> "Installing the Included Software Products" (next page)



4. Setup hardware	>> M3028BT2-CPE User's Manual "Chapter 2. Setup"
▽	
5. Turn on the emulator	>> M3028BT2-CPE User's Manual "Chapter 2. Setup"
▽	
6. Startup the High-performance Embedded Workshop and emulator debugger	>> M3028BT2-CPE User's Manual "Chapter 3. Usage"
▽	
7. For usage of each product	>> For the M3028BT2-CPE, refer to the "M3028BT2-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	M3028BT2-CPE emulator main unit	1
	Oscillator circuit board OSC-3 (20MHz, mounted on M3028BT2-CPE)	1
2	Oscillator circuit board OSC-2 (only J1 mounted)	1
3	USB interface cable	1
4	Power cable (prepare the power supply separately)	1
5	Ferrite core	1
6	H/W Tool Customer Registration Sheet (English)	1
7	H/W Tool Customer Registration Sheet (Japanese)	1
8	M3028BT2-CPE Release Notes (this document)	1
9	M3028BT2-CPE Release Notes (Japanese)	1
10	M3028BT2-CPE User's Manual (English)	1
11	M3028BT2-CPE User's Manual (Japanese)	1
12	CD-ROM - M16C R8C Compact emulator debugger	1
	- C compiler package M3T-NC30WA (Evaluation version)	

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

## Operating Environment of the Included Software Products

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

Host machine	IBM PC/AT compatibles
OS	Windows® 2000, Windows® XP
CPU	Pentium III 600MHz or greater recommended
Memory	128MB or greater recommended

Windows is either a registered trademark or trademark of Microsoft Corporation in the United States and other countries.

## Installing the Included Software Products

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After inserting the included CD-ROM into the host machine's CD-ROM drive, the installation window will open. Select the product to be installed and click "Install" button.

### (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.

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

- \* If the professional version compiler is already installed, do NOT install the evaluation version compiler included with this product and use the professional version compiler. Deselect "M16C Tool chain" in the features selection window for canceling the installation of the compiler of the evaluation version.

## Precautions for Using the Included Software Products

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

- \* Electronic manuals and release notes are included in the software package. To view electronic documents, download Adobe® Reader® from Adobe Systems website (<http://www.adobe.com/>). Adobe and Reader are either registered trademarks or trademarks of Adobe Systems Incorporated in the United States and/or other countries.

## For the Latest Information

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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/tools>

## To Contact Us

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For the emulator M3028BT2-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.