

To our customers,

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## Old Company Name in Catalogs and Other Documents

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

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Renesas Electronics Corporation

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## M3062PT3-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 M3062PT3-CPE is a compact emulator for the M16C/62P and M16C/30P Groups of Renesas 16-bit MCUs. This product consists of the following three products.

- (1) M3062PT3-CPE Emulator  
 Compact emulator (board) for the M16C/62P and M16C/30P Groups.
- (2) M16C R8C Compact Emulator Software
  - M16C R8C Compact Emulator Debugger  
 This is a control software specifically designed for the M16C R8C Compact Emulator to control the M3062PT3-CPE emulator.
  - C compiler package: M3T-NC30WA (evaluation version)  
 This version is a limited 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 first compilation, but after the lapse of this period its use 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...*

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|---|--|
| 1. Check the contents                       | >>"Package Components"(right)                                |
| ▽   |  |
| 2. Register your M3062PT3-CPE               | >>Hardware Tool Customer Registration Sheet                  |
| ▽   |  |
| 3. Install emulator debugger and C compiler | >>"Installing the Included Software Products"<br>(next page) |
| ▽   |  |

- |   |   |
|---|---|
| 4. Setup hardware   | >>M3062PT3-CPE User's Manual "Chapter 2. Setup"   |
| ▽   |   |
| 5. Turn on the emulator   | >>M3062PT3-CPE User's Manual "Chapter 2. Setup"   |
| ▽   |   |
| 6. Startup the High-performance Embedded Workshop and emulator debugger | >>M3062PT3-CPE User's Manual "Chapter 3. Usage"   |
| ▽   |   |
| 7. For usage of each product  | >>For the M3062PT3-CPE, refer to the "M3062PT3-CPE User's Manual"<br>>>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	M3062PT3-CPE emulator	1 pc.
2	Oscillator circuit board OSC-3 (16MHz, mounted on M3062PT3-CPE)	1 pc.
3	Oscillator circuit board OSC-2 (only J1 mounted)	1 pc.
4	Network registers	6 pcs.
5	USB interface cable for connecting host machine and emulator	1 pc.
6	Power supply cable for compact emulator (prepare the power supply separately)	1 pc.
7	Ferrite core for connecting power supply cable	1 pc.
8	Hardware Tool Customer Registration Sheet (English)	1 pc.
9	Hardware Tool Customer Registration Sheet (Japanese)	1 pc.
10	M3062PT3-CPE Release Notes (this document)	1 pc.
11	M3062PT3-CPE Release Notes (Japanese)	1 pc.
12	Repair Request Sheet (English)	1 pc.
13	Repair Request Sheet (Japanese)	1 pc.
14	M3062PT3-CPE User's Manual (English)	1 pc.
15	M3062PT3-CPE User's Manual (Japanese)	1 pc.
16	CD-ROM (M16C R8C Compact emulator software)	1 pc.

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 included software products are shown below.

Host machine	IBM PC/AT compatibles
OS	Windows® 2000, Windows® XP
CPU	Pentium III 600MHz or more recommended
Memory	128M bytes or greater is 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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- (1) 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/>).

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## Note on Using This Product

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Before using this product, be sure to read the included user's manual. The following is a note that is not described in the user's manual.

(1) ALE output

When the internal RAM, ROM or SFR area of the MCU is accessed during user program execution, with the actual MCU, ALE output is fixed to Low, while this product outputs ALE signal.

## 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 M3062PT3-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.