To our customers,

Old Company Name in Catalogs and Other Documents

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

April 1st, 2010
Renesas Electronics Corporation

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M34552T2-CPE Release Notes

Renesas Solutions Corp.

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

Introduction

The M34552T2-CPE is a compact emulator for the 4500 Series 4552, 4553 and 4556 Groups of Renesas 4-bit MCUs. This product consists of the following three components.

(1) Emulator M34552T2-CPE

Compact emulator (board product) for the 4500 Series 4552, 4553 and 4556 Groups of 4-bit MCUs.

(2) Emulator debugger M3T-PD45M

Control software specifically designed to control the M34552T2-CPE emulator.

(3) Absolute assembler ASM45

Absolute assembler for the 4500 Series.

Setup Guide

	For details, refer to...
1. Check the contents.	► "Package Components" (below)
▼	
2. Register your M34552T2-CPE.	► H/W Tool Customer Registration Sheet
▼	
3. Install emulator debugger M3T-PD45M.	► This document "Installing Included Software Products"
▼	
4. Setup hardware.	► M34552T2-CPE User's Manual "Chapter 2. Setup"
▼	
5. Turn on the emulator.	► M34552T2-CPE User's Manual "Chapter 2. Setup "
▼	
6. Install emulator debugger M3T-PD45M.	► M34552T2-CPE User's Manual "Chapter 3. Usage"
▼	
7. For usage of each product	► For the M34552T2-CPE, refer to "M34552T2-CPE User's Manual" ► For M3T-PD45M and ASM45, refer to the online manuals installed with the programs.

Package Components

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

1	M34552T2-CPE emulator	1
2	USB interface cable	1
3	Power cable (External power supply not included)	1
4	50-wire normal-pitch cable	1
5	External trace cable	1
6	Oscillator circuit board OSC-2 (6 MHz, premounted on the M34552T2-CPE)	1
7	Oscillator circuit board OSC-2 (Only J1 mounted)	1
8	H/W Tool Customer Registration Sheet (English)	1
9	H/W Tool Customer Registration Sheet (Japanese)	1
10	M34552T2-CPE Release Notes (this document)	1
11	M34552T2-CPE Release Notes (Japanese)	1
12	M34552T2-CPE User's Manual (English)	1
13	M34552T2-CPE User's Manual (Japanese)	1
14	CD-ROM - Emulator debugger M3T-PD45M - Absolute assembler ASM45	1

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

Operating Environment for the Included Software Products

The operating environment for the included software products are shown below.

Host machine	IBM PC/AT compatibles
OS	Windows 98 Windows 2000 Windows Me Windows XP
CPU	Pentium II 233 MHz or greater recommended
Memory	128 MB or greater recommended

Installing Included Software Products

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

(1) Install emulator debugger M3T-PD45M
* After inserting the included CD-ROM into the host machine's CD-ROM drive, the installation window will open. Then, install the software as instructed by the displayed messages.

(2) Install assembler ASM45
* Absolute Assembler ASM45 is installed with the emulator debugger M3T-PD45M.

Precautions for Using the Included Software Products

(1) 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.

(2) Emulator Debugger M3T-PD45M
* Release notes are installed at the same time the M3T-PD45M is. Read them before using the software.
* MCU data file names are displayed in the MCU type name field of the INIT dialog box which appears when the M3T-PD45M starts up. Select an MCU data file according to your target MCU.

(3) Absolute Assembler ASM45
* Read the M3T-PD45M release notes before using the software.
* Select an MCU data file (*.DAT) according to your target MCU.

(4) Applicable MCUs and MCU Data File Names
When using the emulator debugger M3T-PD45M and absolute assembler ASM45, use an MCU data file for your target MCU. The applicable MCUs and MCU data file names are shown below.

MCU type name	MCU data file name
M34552M4-XXXFP	M34552M4.DAT
M34553M4-XXXFP	M34553M4.DAT
M34556M4-XXXFP	M34556M4.DAT
M34552M8-XXXFP	M34552M8.DAT
M34552G8FP	
M34553M8-XXXFP	M34553M8.DAT
M34553G8FP	
M34556M8-XXXFP	M34556M8.DAT
M34556G8FP	

MCU type name	MCU data file name
M34552M4H-XXXFP	M4552M4H.DAT
M34553M4H-XXXFP	M4553M4H.DAT
M34556M4H-XXXFP	M4556M4H.DAT
M34552M8H-XXXFP	M4552M8H.DAT
M34552G8HFP	
M34553M8H-XXXFP	M4553M8H.DAT
M34553G8HFP	
M34556M8H-XXXFP	M4556M8H.DAT
M34556G8HFP	

For the Latest Information

Please visit our website for the latest information on our development tool products.
http://www.renesas.com/en/tools

To Contact Us

For inquiries for the emulator M34552T2-CPE or the emulator debugger M3T-PD45M, 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