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M34519T2-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 M34519T2-CPE is a compact emulator for the 4500 Series 4518, 4519, 4583 and 4584 Groups of Renesas 4-bit MCUs. This product consists of the following three products.

(1) Emulator M34519T2-CPE

Compact emulator (board product) for the 4500 Series 4518, 4519, 4583 and 4584

Groups of 4-bit MCUs.

(2) Emulator debugger M3T-PD45M

Control software specifically designed to control the M34519T2-CPE emulator.

(3) Absolute assembler ASM45

Absolute assembler for the 4500 Series.

Setup Guide

	For details, refer to	
1. Check the contents.	 "Package Components" (right) 	
▼		
2. Register your M34519T2-CPE.	H/W Tool Customer Registration Sheet	
▼		
3. Install emulator debugger M3T-PD45M.	This document "Installing Included Software Products"	
▼		
4. Setup hardware.	M34519T2-CPE User's Manual "Chapter 2. Setup"	
▼		
5. Turn on the emulator.	M34519T2-CPE User's Manual "Chapter 2. Setup"	
▼		
6. Install emulator debugger M3T-PD45M.	M34519T2-CPE User's Manual "Chapter 3. Usage"	
V		
7. For usage of each product	► For the M34519T2-CPE, refer to "M34519T2-CPE User's Manual"	
	► For M3T-PD45M and ASM45, refer to the online	
	manuals installed with the programs.	
	1 0	

Package Components

Check to see if your product package contains all of the following items before using it.				
1	M34519T2-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 M34519T2-CPE)	1		
7	Oscillator circuit board OSC-2 (Only J1 mounted)	1		
8	Evaluation MCU M34584MD-001FP	1		
	(evaluation MCU M34519M8-001FP is premounted on the socket of the emulator with			
	shipment)			
9	H/W Tool Customer Registration Sheet (English)	1		
10	H/W Tool Customer Registration Sheet (Japanese)	1		
11	M34519T2-CPE Release Notes (this document)	1		
12	M34519T2-CPE Release Notes (Japanese)	1		
13	M34519T2-CPE User's Manual (English)	1		
14	M34519T2-CPE User's Manual (Japanese)	1		
15	CD-ROM - Emulator debugger M3T-PD45M	1		
	- Absolute assembler ASM45			

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

Operating Environment for the Included Software Products

e operating environme	ent for the included software products are shown below.
Host machine	IBM PC/AT compatibles
OS	Windows 98
	Windows 2000
	Windows Me
	Windows XP
CPUPentium II 233 MHz or greater recommendedMemory128 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

- 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	MCU type name	MCU data file name	
M34518M2-XXXFP/SP	M34518M2.DAT	M34583MDH-XXXFP		
M34518M4-XXXFP/SP	M34518M4.DAT	M34583EDFP	M34583MD.DAT	
M34518M6-XXXFP	M34518M6.DAT	M34584MDH-XXXFP		
M34518M8-XXXFP	M34518M8.DAT	M34584EDFP	M34584MD.DAT	
M34518E8FP/SP	10134310100.DAT			
M34519M6-XXXFP	M34519M6.DAT			
M34519M8-XXXFP	M34519M8.DAT			
M34519E8FP	10134319100.DAT			

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 M34519T2-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