

M3455AT2-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.

Product Outline

The M3455AT2-CPE is a compact emulator for the 4500 Series 455A Group of Renesas 4-bit MCUs.

This product consists of the following three products.

- (1) Emulator M3455AT2-CPE
Compact emulator (board product) for the 4500 Series 455A Group of 4-bit MCUs.
- (2) Emulator debugger M3T-PD45M
Control software specifically designed to control the M3455AT2-CPE emulator.
- (3) Absolute assembler ASM45
Absolute assembler for the 4500 Series.

Setup Guide

	<i>For details, refer to...</i>
1. Check the contents.	► "Package Components"
▼	
2. Register your M3455AT2-CPE	► M3455AT2-CPE User's Manual "Chapter 6. Maintenance and Guarantee"
▼	
3. Install emulator debugger M3T-PD45M.	► This document "Installing Included Software Products"
▼	
4. Setup hardware.	► M3455AT2-CPE User's Manual "Chapter 2. Setup"
▼	
5. Turn on the emulator	► M3455AT2-CPE User's Manual "Chapter 2. Setup"
▼	
6. Start up the emulator debugger M3T-PD45M.	► M3455AT2-CPE User's Manual "Chapter 3. Usage"
▼	
7. For usage of each product	► For the M3455AT2-CPE, refer to "M3455AT2-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	M3455AT2-CPE emulator	1
2	M34559T-PTCA converter board	1
3	USB interface cable	1
4	Power cable (External power supply not included)	1
5	64-wire half-pitch cable	1
6	External trace cable	1
7	Oscillator circuit board OSC-2 (6 MHz, premounted on the M3455AT2-CPE)	1
8	Oscillator circuit board OSC-2 (Only J1 mounted)	1
9	Evaluation MCU M3455AGCEFP (premounted)	1
10	M3455AT2-CPE Release Notes (this document)	1
11	M3455AT2-CPE Release Notes (Japanese)	1
12	M3455AT2-CPE User's Manual (English)	1
13	M3455AT2-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 2000 Windows XP
CPU	Pentium III 233 MHz or greater recommended
Memory	128 MB or greater (more than 10 times the file size of the load module) 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 (required)
 - * 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
 - * 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
 - * 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
M3455AG8-XXXFP	M3455AG8.DAT
M3455AG8FP	
M3455AGC-XXXFP	M3455AGC.DAT
M3455AGCFP	

For the Latest Information

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

To Contact Us

For inquiries for the emulator M3455AT2-CPE and 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>