

RENESAS TOOL NEWS on December 16, 2004: RSO-M34519T-MCU-041216D

Free-of-Charge Upgrade of MCU Boards --M34519T-MCU and M34524T-MCU-- for MCUs in the 4500 Series

We notify that MCU boards for the PC4504 emulator, the M34519T-MCU and M34524T-MCU, will be upgraded free of charge. They are used for MCUs in the 4500 series.

1. Products Concerned

- (1) The M34519T-MCU boards (for the 4518, 4519, 4583, and 4584 groups of MCUs) that bear the following lot nos.:
2JS001--2JS030, 3BS031--3BS040, 3ES041--3ES050,
4AS0051--4AS0055,
and 4FS0056--4FS0060
- (2) The M34524T-MCU boards (for the 4524 and 4554 groups of MCUs) that bear the following lot nos.:
1KS001--1KS020, 2DS001, 2IS002--2IS011, and 4KS0012

NOTES:

- 1: Lot nos. are inscribed on the right bottom the products.**
- 2: The products whose lot nos. end with "A" have already been upgraded.**

2. Descriptions of Upgrade

2.1 In the M34519T-MCU Board

The following known problem has been resolved.

On the initial conditions of ports: from reset on through leaving reset to program re-start (address 0 on 0 page), the output levels of port pins P00--P03 and P10--P13; and port D0--D5 go LOW.

For details, see RENESAS TOOL NEWS "A Note on Using Compact Emulators and MCU Boards for the 4500 MCU Series" issued on September 1, 2004 (RSO-4BIT-TOOL-040901D).

2.2 In the M34524T-MCU Board

- (1) The same problem stated in 2.1 above has been resolved.
- (2) The actual MCU has been modified to resolve the problem described in MAEC Technical News "4524 Group Notes For CNTR1 Output Auto-Control Circuit" issued in June, 2002 (No.4500-04-0206).

For details, see MAEC TECHNICAL NEWS "4524 Group Notes For CNTR1 Output Auto-Control Circuit" issued on February 6, 2004.

So the MCU mounted on your product will be replaced with the modified one in this free-of-charge upgrade.

3. How to Upgrade Your Product

Apply for the upgrade as follows:

- (1) Fill in the appended free-of-charge upgrade application form and send it by e-mail to us.
- (2) Send back your product with the application form enclosed to us.
- (3) We will ship back your product upon upgrading and checking it.

SEND TO: Your local Renesas Technology sales office or distributor

4. Notices

- (1) We will not be able to supply you with another board for the period of time of upgrade.
- (2) If your product does not work properly, an additional charge will be made for repairing it.

5. Effective Date of Application

From December 16, 2004, to March 1, 2005, inclusive

If circumstances prevent you from sending your application form, please contact your local Renesas Technology sales office or distributor.

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