

Cross-Tool Kit M3T-CC32R V.4.10 Release 1 Upgraded

We have upgraded the M3T-CC32R cross-tool kit for the M32R family MCUs from V.4.00 Release 1 to V.4.10 Release 1.

1. Descriptions of Upgrade

The "-zdiv" option has been introduced for the M32R/ECU series MCUs, which allows you to resolve the following known problem:

Problem : When the division operation by zero is executed using the DIV, DIVU, REM or REMU instruction in the M32R/ECU series MCUs, the result of the operation carried out immediately after the division may become indefinite.

For details of this problem, see "M32R/ECU series Usage Notes for 0 Division Instruction" in MAEC Technical News No. M32R-06-0301 released.

When programs are compiled or assembled using the "-zdiv" option, this option adds an NOP instruction immediately after a division operation to generate the object code that is independent of the above problem. Then, you need not modify your programs to sidestepping the problem.

2. How to Upgrade the Current Product and Order the Upgraded One

2.1 Online Upgrade (without Charge)

Upgrading procedure varies according to the version of your product.

- (1) For the customer who is using M3T-CC32R V.1.00 Release 4 or later (with the license ID possessed)

Please download the upgraded product from [HERE](#)

- (2) For the customer who is using M3T-CC32R V.1.00 Release 1, 2, or 3
Fill in the "Free-of-Charge M3T-CC32R License ID Application Form" and send it by e-mail or FAX to your local Renesas Technology sales office or distributor.
We will inform you of your license ID by return. Then, download the upgraded

product by using it from our homepage shown in (1) above.

[NOTICES:]

1. Only the customer who has already sent their registration by fax can apply for their License ID free of charge.
2. Your newly obtained license ID is not a temporary one for this online upgrade. Keep it carefully for later use.
3. Because the publication of the IBE version has been discontinued since V.1.00 Release 4, please upgrade your product to the W95E version, if necessary.

2.2 First ordering or upgrading by CD-ROM (with Additional Charge)

Upgrade service in CD-ROM is also available. When you place an order please furnish the following information to your local Renesas Technology sales office or distributor:

[First Ordering]

Product Type : M3T-CC32R

Version No. : V.4.10

Release No. : Release 1

Host OS : Windows XP, Windows Me, Windows 98, Windows 95, Windows 2000, or Windows NT 4.0

[Upgrading by CD-ROM]

Please let us know your product's license ID besides the above information.

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