

The C/C++ Compiler Package M3T-CC32R Revised to V.5.00 Release 00

We have revised the C/C++ compiler package M3T-CC32R from V.4.30 Release 00 to V.5.00 Release 00. This compiler package is used for the M32R family of MCUs.

1. Descriptions of Revision

1.1 Functions Improved

- (1) In the compiler
 - Compliant to C/C++ language specifications: supports programs written in C++ language.
 - Capable of creating object modules and assembly-language source programs at a time.
- (2) In the High-performance Embedded Workshop

The High-performance Embedded Workshop bundled with the product revised from V.3.01.04 to V.4.00.01.

NOTICE:

As the performance of the High-performance Embedded Workshop has so much been expanded that it fully covers the functionality of the TM, the other integrated development environment of ours, we do not bundle the TM with the compiler from now on.
- (3) In the linker

The -SEC option* is selectable more than once.

* Specifies an order of sections to place and their addresses.
- (4) In the installer

The two installers for the compiler and the High-performance Embedded Workshop have been

integrated into one, which enables you to install both at a time.

1.2 Problems Fixed

The following three known problems have been fixed:

- (1) On initializing a two-dimensional array of type char using an initializer
For details, see RENESAS TOOL NEWS "A Note on Using C Compiler Package M3T-CC32R" No. RSO-M3T-CC32R-040916D, issued on September 16, 2004.
- (2) On making a function call using a pointer pointing to a function whose type has been converted by a cast operator
For details, see RENESAS TOOL NEWS "A Note on Using C-Compiler Package M3T-CC32R" No. RSO-M3T-CC32R-041201D, issued on December 1, 2004.
- (3) On setting the address value of an object containing a structure, array or union using the #pragma ADDRESS directive
For details, see RENESAS TOOL NEWS "A Note on Using C-Compiler Package M3T-CC32R V.4.30 Release 00" No. RSO-M3T-CC32R-050216D, issued on February 16, 2005.

For details of the product, see its datasheet.

2. How to Purchase the Product

Because important improvements have been made to the product, free-of-charge online update is not available. If needed, please purchase it. When you place an order for the product, please supply the following items of information to your local Renesas Technology sales office or distributor (for the price of the product, also contact them):

Product Type	M3T-CC32R
Version Number	V.5.00
Release Number	Release 00
Host OS	Windows XP, Windows Me, Windows 98,

3. How to Purchase the Product When You Are Using a Partner-Made Cross-Tool

When you are using a partner-made cross-tool, you are able to purchase the simulator debugger M3T-PD32RSIM only. If you place an order for this, supply the following items of information to your local Renesas Technology sales office or distributor:

Product Type	M3T-PD32RSIM
Version Number	V.3.00
Release Number	Release 00
Host OS	Windows XP, Windows Me, Windows 98, Windows 2000, or Windows NT 4.0

NOTICE:

The M3T-PD32RSIM is bundled with the M3T-CC32R. So, if you are using this compiler package, you need not purchase the simulator debugger.

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