RENESAS Tool News

Simulator Debuggers
M3T-PD32RSIM, M3T-PD308SIM, and M3T-PD30SIM Upgraded

We have upgraded the following simulator debuggers:

- M3T-PD32RSIM for the M32R family to V.2.10 Release 1
- M3T-PD308SIM for the M32C/80 and M16C/80 series to V.3.20 Release 1
- M3T-PD30SIM for the M16C/60, M16C/30, M16C/Tiny, M16C/20, M16C/10, and R8C/Tiny series to V.5.20 Release 1

1. ## Descriptions of Upgrade

   1.1 Functions Introduced

   (1) Opening source files that are already open in the Program and Source windows also in the High-performance Embedded Workshop integrated development environment.This feature enables you to modify code under debugging in the M3T-PDxxSIM and directly make Build by using the High-performance Embedded Workshop.
   (In the case where the M3T-PDxxSIM is launched as the separate debugger of the High-performance Embedded Workshop.)

   (2) Supporting the R8C/Tiny series MCUs (M3T-PD30SIM only)

   1.2 Specification Modified

   (1) According to the modification of the number of cycles in the MOV.size:S src, R1L/R1 instruction in each software manual of the M32C/80 and M16C/80 series MCUs, the number of cycles used in the M3T-PD308SIM has been modified.
   For latest information on the number of cycles, see the latest Software Manuals of the microcomputers.

   1.3 Problems Fixed
   The following known problems have been fixed:

(1) On results of comparisons by the FCMP or FCMPE instruction (only in the M3T-PD32RSIM): Comparisons using the FCMP or FCMPE instruction may yield incorrect results.
For details, see MAEC TOOL NEWS "A Note on Using Simulator Debugger M3T-PD32RSIM V.2.00 Release 1" issued on February 1, 2003.

(2) On referencing a member of a struct or union (only in the M3T-PD32RSIM): A member of a struct or union may not correctly be referenced.
For details, see RENESAS TOOL NEWS "A Note on Using Debuggers M3T-PD32RSIM, M3T-PD32RM, and M3T-PD32R" issued on November 1, 2003.

2. How to Upgrade the Current Products and Order the Upgraded Ones

2.1 Online Upgrade (without Charge)
Please download the upgraded product you want from Online Upgrade.

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 :

Version No. : V.

Release No. : Release

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

Upgrading by CD-ROM
Please let us know your product's license ID or serial number besides the above information.