

RENESAS TOOL NEWS on July 1, 2005: RSO-M3T-PD32RM-050701D

The Emulator Debuggers M3T-PD32RM and M3T-PD32R Revised to V.3.00 Release 00 and V.5.00 Release 00 Respectively

We have revised two emulator debuggers for the M32R family of MCUs as follows:

- M3T-PD32RM: from V.2.10 Release 1 to V.3.00 Release 00
(This is used together with the M32100T5-SDI-E, M32100T3-SDI-E, or M32100T-EZ-E emulator.)
- M3T-PD32R: from V.4.10 Release 1 to V.5.00 Release 00
(This is used together with the M32100T2-SDI-E emulator.)

The M3T-PD32R V.5.00 Release 00 also supports the M32120T-SDI, M32100T-SDI-E, M32170T-SDI, M32310T-SDI-E, and M32310T-SDI emulators (these are repair and spare use only).

1. Descriptions of Revision

1.1 Program and Functions Introduced

The following program and functions have been introduced:

- (1) The 32192 group of MCUs added to the support line.
- (2) The real-time OS compliant to uITRON 4.0 specifications (for the M32R family of MCUs): This enables you to debug target programs that run on the M3T-MR32R/4 V.4.00 Release 00 or later.
- (3) Supported the object files in the ELF/DWARF2 format created by the C/C++ compiler package M3T-CC32R V.5.00 Release 00 (for the M32R family; to be released on this July 16). This enables you to perform source-level debugging of programs written in C++ language by using the M3T-CC32R.

1.2 Problems Fixed

The following known problems have been fixed:

- (1) On loading target programs and data items in RAM
For details, see RENESAS TOOL NEWS No. RSO-M32100T5-SDI-E-050701D,

issued on July 1, 2005..

- (2) On expanding a global variable in the C Watch window
For details, see RENESAS TOOL NEWS No. RSO-M3T-PD32RM-040901D, issued on September 1, 2004.
- (3) On displaying time information in real-time tracing and displaying measurement results in the Interval-Time Measurement window
For details, see RENESAS TOOL NEWS No. RSO-M3T-PD32RM_2-040801D, issued on August 1, 2004.
- (4) On using the C Watch window
For details, see RENESAS TOOL NEWS No. RSO-M3T-PD32RM_1-040801D, issued on August 1, 2004.

2. How to Update Your Product

2.1 Online Revision (Free of Charge)

Free-of-charge online revision is available. So update yours by downloading the install program from [HERE](#) and then execute it.

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