RENESAS Tool News

The 740 PC4701 Emulator Debugger V.1.00 Release 00 Published

The 740 PC4701 emulator debugger V.1.00 Release 00 has been published. This debugger can debug programs for the 740 family of MCUs.

1. **Outline**
   The brand-new emulator debugger can run on the High-performance Embedded Workshop (an integrated development environment) V.4.00.03.*

   *   The High-performance Embedded Workshop V.4.00.03, which has incorporated plenty of features of the TM (another integrated development environment) and the PD debuggers (such as the M3T-PDxx and KDxx emulator debuggers), provides you with Renesas's integrated user interface.
       For details of V.4.00.03, see RENESAS TOOL NEWS "The High-performance Embedded Workshop (an Integrated Development Environment) Revised to V.4.00.03" (No. RSO-HEW-051001D), issued on Oct. 1.2005.

   For detailed information on the 740 PC4701 emulator debugger, see its datasheet.

2. **Functionality**
   2.1   Substitution
         The new debugger substitute for the preceding PD debugger as follows:
         - M3T-PD38 emulator debugger (used for the 740 family in combination with the PC4701 emulator)

         NOTICE:
         The 740 PC4701 emulator debugger supports the

PC4701U, PC4701M, PC4701HS, and PC4700H emulators only. Note that it does not support the PC4701L and PC4700L.

2.1   Improvement Made in the New Debugger
The 740 PC4701 debugger enables you to debug programs using the High- performance Embedded Workshop V.4.00.03.* Accordingly you are able to accomplish seamless operations of coding, building, simulating, and debugging under the single integrated development environment.

> *   In the debugger running on the High-performance Embedded Workshop V.4.00.03, such windows for basic debugging operations as the Register and Memory windows can be manipulated in a unified manner regardless of the types of target MCUs. On the other hand, the windows whose functions depend on each emulator (for example, those providing trace functions and hardware breaks) can be handled as in the PD debuggers.

3. Host System Requirements

Computer	IBM PC/AT or compatible
OS	Windows XP, Windows 2000, Windows Me, or Windows 98SE

4. Notices

(1)   There are several differences between the 740 PC4701 and the M3T-PD38 emulator debuggers in debugging application programs created with the aid of the PDSDK COM kit. For those differences, consult our technical support contact: csc@renesas.com

(2)   On this debugger, the commands and windows created by the CB (Custom Builder) do not operate.

5. **Problem Known in the M3T-PD38 Fixed**

In the 740 PC4701, the known problem "On using the LAN interface," which arises in the M3T-PD38, has been fixed:
For details, see RENESAS TOOL NEWS "A Note on Using Emulator Debuggers M3T-PD32R, M3T-PD308F, M3T-PD308, M3T-PD30F, M3T-PD30, M3T-PD79, M3T-PD77, and M3T-PD38" (No. RSO-M3T-PD308F-040601D), issued on June 1, 2004.

6. **How to Get the Product**

If you are using the emulator involved, you are able to use this brand-new emulator debugger free of charge. So download the product from **HERE**.

[Disclaimer]
The past news contents have been based on information at the time of publication. Now changed or invalid information may be included. The URLs in the Tool News also may be subject to change or become invalid without prior notice.