RENESAS Tool News

The Debuggers for the M32R MCU Family Revised

The debuggers for the M32R MCU family have been revised to the following:

- The emulator debugger M3T-PD32RM V.3.01 Release 00
  (for the M32100T5-SDI-E, M32100T3-SDI-E, and M32100T-EZ-E emulators)
- The emulator debugger M3T-PD32R V.5.01 Release 00
  (for the M32100T2-SDI-E emulator; and the M32120T-SDI, M32100T-SDI-E, M32170T-SDI, M32310T-SDI-E, and M32310T-SDI emulators for spare and repair)
- The simulator debugger M3T-PD32RSIM V.3.01 Release 00
  (included with the C/C++ compiler package--M3T-CC32R--for the M32R family)

1. **Descriptions of Revision**

   1.1   To the M3T-PD32RM and M3T-PD32R emulator debuggers,
   the following four MCU files have been introduced:
   32185.mcu, 32186.mcu, 32195.mcu, and 32196.mcu
   These are used for the 32185, 32186, 32195, and 32196
   MCU groups respectively.

   1.2   The following problems have been fixed:

       (1)   With saving a mixed representation of source and
   disassembled code on a text file
   For details, see RENESAS TOOL NEWS published on
   June 16, 2006

       (2)   With referencing member variables of a structure,
   union, or class
   For details, see RENESAS TOOL NEWS published on
   January 16, 2006

       (3)   An error arises when the MCU receives the reset

signal from the target system during the period from setting execution of a target program to starting the execution (the M3T-PD32RM only)
This problem has been resolved by prohibiting the debugger from receiving the reset signal.

2. **How to Update Yours**

Free-of-charge online update is available. So download the update program of the product you want to update from the Web sites at

M3T-PD32RM
M3T-PD32R
M3T-PD32RSIM