RENESAS Tool News

R32C/100 E30A Emulator Debugger Revised to V.1.01 Release 00

We have revised R32C/100 E30A Emulator Debugger from V.1.00 Release 00 to V.1.01 Release 00. This emulator debugger is included in the E30A emulator (R0E00030AKCT00), and used in combination with the E30A for developing systems designed with members of the R32C/100 MCU series.

1. Descriptions of Revision
1.1 Functions Introduced and Improved
(1) The following windows and a script command introduced to the debugging functions for the real-time OS:
   - MR Trace window
   - MR Analyze window
   - MR SYS script command

Note that you must use M3T-MR100/4 V.1.01 Release 00 or later, the real-time OS for the R32C series, to display those windows and execute the script command.

(2) The default settings in the Trace mode changed from the Trace Priority mode to the MCU Execution Priority mode. In addition, the settings at exiting the previous debug session maintained in the Trace mode in the same workspace after re-starting the debugger.

(3) The Memory Expansion mode supported.

(4) Debugging in the Low Speed mode supported.

1.2 Supported MCUs Increased
The following MCUs of the R32C/100 series added to the support line:
   - R5F64165, R5F64166, R5F64167, R5F64168, and R5F64169
     (in the R32C/116 group)

- R5F64175, R5F64176, R5F64177, R5F64178, and R5F64179
  (in the R32C/117 group)
- R5F64185, R5F64186, R5F64187, R5F64188, and R5F64189
  (in the R32C/118 group)

1.3 Problems Fixed

The following problems have been fixed:
(1) If load modules created by the IAR Systems compiler are loaded on the debugger, results of trace measurement are incorrectly provided.

(2) If high-spec PCs are used, the debugger may start improperly depending on communications via USB.

2. How to Update Your Products

Online update is available free of charge. Update yours in the following way.
Download the update program of the product from:
    http://www.renesas.com/e30a_download
Then execute it. This site will be opened from July 6 on.
The above URL is one of our global site (in English).

3. Notice

If the above update program is executed in any system where High-performance Embedded Workshop V.4.05.00 or earlier resides, it will be updated to V.4.05.01.