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

Please take note of the following problem in using the M3T-PD32R, M3T-PD308F, M3T-PD308, M3T-PD30F, M3T-PD30, M3T-PD79, M3T-PD77, and M3T-PD38 emulator debuggers:

- On using the LAN interface

1. **Products and Versions Concerned**
   M3T-PD32R V.2.10 Release 1 through V.4.10 Release 1
      for the M32R family MCUs
   M3T-PD308F V.1.00 Release 1 through V.3.20 Release 1
      for the M32C/80 series MCUs
   M3T-PD308 V.3.00 Release 1 through V.5.20 Release 1
      for the M32C/80 and M16C/80 series MCUs
   M3T-PD30F V.1.00 Release 1 through V.2.20 Release 1
      for the M16C/60 and M16C/Tiny series MCUs
   M3T-PD30 V.6.00 Release 1 through V.8.20 Release 1
      for the M16C/60, M16C/30, M16C/Tiny, M16C/20, and M16C/10 series MCUs
   M3T-PD79 V.4.00 Release 1 through V.4.20 Release 1
      for the 79xx series MCUs
   M3T-PD77 V.4.00 Release 1 through V.4.20 Release 1
      for the 77xx series MCUs
   M3T-PD38 V.5.00 Release 1 through V.5.20 Release 1
      for the 740 series MCUs

2. **Description**
   It is impossible to set an IP address and others in the emulator using the SetIp.exe file included with any of the products concerned because information on the emulator connected to the network (its serial number and the MAC address *) is not displayed.

NOTE:
* An identification number given to a device connected to the network

2.1 Conditions
This problem occurs if the following two conditions are satisfied:

(1) Windows XP is running on the host PC.

(2) Any of the following emulators are used.
(a) PC4701U
(b) PC7501
(c) M32100T2-SDI-E

NOTICE : The PC4701HS and PC4700H emulators are not supported by the
SetIp.exe file. To set an IP address and others in these emulators, use
the Init dialog box as explained in Workaround (2).

3. **Workaround**
This problem can be circumvented in either of the following ways:

(1) Download the problem-fixed SetIp.exe (208KB) file and save it to the Utility folder
under the directory where the emulator debugger has been installed.
Then, set the IP address and others using this problem-fixed SetIp.exe file.

(2) Connect the emulator with the PC via a communication interface such as USB, not
LAN, and then set the IP address using the Init dialog box of the emulator debugger.
For details of setting an IP address using the Init dialog box, see the user's manual of
your emulator debugger or its online help.

4. **Schedule of Fixing the Problem**
We plan to fix this problem in our next release of the products by including the problem-
fixed SetIp.exe file with them.