

RENESAS TOOL NEWS on October 1, 2003: RSO-M3T-PD308-031001D

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 LPT parallel interface in the host PC running Windows XP

Please check the latest information in the 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" issued on December 16, 2003.

1. Products and Versions Concerned

The M3T-PD32R V.3.00 Release 1 and later for the M32R family MCUs

The M3T-PD308F V.1.00 Release 1 and later for the M32C/80 series MCUs

The M3T-PD308 V.3.00 Release 1 and later for the M32C/80, M16C/80 series MCUs

The M3T-PD30F V.1.00 Release 1 and later

for the M16C/60, M16C/30, M16C/20, and M16C/10 series MCUs

The M3T-PD30 V.6.00 Release 1 and later for the M16C/60 series MCUs

The M3T-PD79 V.4.00 Release 1 and later for the 79xx series MCUs

The M3T-PD77 V.4.00 Release 1 and later for the 77xx series MCUs

The M3T-PD38 V.5.00 Release 1 and later for the 740 family MCUs

2. Description

When you debug programs using any of the products concerned, the following symptoms may appear:

- (1) The debugger becomes frozen.
- (2) The debugger's operation gets extraordinarily slower.
- (3) Communication errors arise and the emulator debugger stops operating.
- (4) Various types of errors other than communication errors also take place successively.

In this case, the emulator debugger continues operating however.

3. **Conditions**

This problem may occur if the following two conditions are satisfied:

- (1) Windows XP is running on the host PC.
- (2) The LPT parallel interface is used for communication.

NOTICE:

Depending on host PCs, the problem may not occur even if the above conditions are satisfied.

4. **Workaround**

If you debug programs on a host PC that runs Windows XP, don't use the LPT parallel interface for communication.

If you use the LPT parallel interface, run any OS other than Windows XP on the host PC.

5. **Schedule of Fixing the Problem**

We are now fixing the problem and going to supply the modified product on our homepage, of which we will inform you on RENESAS TOOL NEWS at a later date.

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