

MAEC TOOL NEWS: MAECT-M38049RLSS-030301D

## Notes on Using Emulator MCU M38049RLSS for the 3803/3804 Group MCUs

Please take note of the problems described below in using the M38049RLSS emulator MCU for the 3803/3804 group MCUs in the 38000 series of the 740 family in combination with the debugging tools for the above group.

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### 1. Products Concerned

The emulator MCU for the 3803/3804 group: M38049RLSS

Debugging tools for the 3803/3804 group:

- Emulator : PC4701U, PC4701M, PC4701HS, PC4701L, PC4700H or PC4700L
- Emulation pod : M38000T-FPD, M38000TL-FPD, or M38000TL2-FPD
- Emulator debugger : M3T-PD38

### 2. Problems

When the M38049RLSS is used together with the above debugging tools, the following two problems may occur:

- (1) The target program may not pause at step execution, program halting, software breaks, and hardware breaks.
- (2) In the RAM monitor window, data and access history within the area where no read or write access is made may be subject to changes.

#### 2.1 Conditions

The above problems occur if the emulator MCU is operating under the following conditions:

- Operating Voltage Vcc : within a range of 4.5--5.5 V
- Operating frequency f(XIN) : within a range of 15.2--16.8 MHz

### 3. **Schedule of Fixing the Problems**

We plan to distribute the problem-fixed board that can be connected to the M38049RLSS free of charge in beginning of April.

Upon fixing the schedule, we will furnish you with details on the distribution.

-> About distribution of the problem-fixed board, Please refer to MAEC TOOL NEWS "Notes on Using Emulator MCU M38049RLSS for the 3803/3804 Group and Free-of-Charge Distribution of Problem-Fixed Board M38049T-CNV" (MAECT-M38049RLSS-030316D) issued on March 16, 2003.

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