

RENESAS TOOL NEWS on June 16, 2006: RSO-HWTOOL-060616D

Hardware Tools Released in the First Half of June 2006

We released the hardware tools described below in the first half of June 2006.

1. An Emulator MCU Board for the 38D2 group, 38000 series, 740 family

NOTE: The product types of these emulator MCUs have been changed as follows on July, 2008.

M38D29T-RLFS-FP -> M38D29T2-RLFS-FP

M38D29T-RLFS-HP -> M38D29T2-RLFS-HP

This emulator MCU board, on which an evaluation MCU (M38D29RLFP) is mounted, is used together with the M38000T2-CPE compact emulator or the PC4701 Emulator system. The emulator MCU Board has the following two types depending on MCU packages:

(1) **M38D29T-RLFS-FP for the PLQP0064GA-A package (previous 64P6U-A):**

This type of product consists of the M38D29T-RLFS emulator MCU board plus a converter board--M3T-F160-64NSA--for connecting a 64-pin 0.8-mm-pitch LQFP package.

For details of the product, see its datasheet.

(2) **M38D29T-RLFS-HP for the PLQP0064KB-A package (previous 64P6Q-A):**

This type of product consists of the M38D29T-RLFS emulator MCU board plus a converter board--M3T-F160-64NSD--for connecting a 64-pin 0.5-mm-pitch LQFP package.

For details of the product, see its datasheets on the datasheet.

2. IC Socket Boards for the 740 Family

The IC socket boards listed below are used together with the Flash Development Toolkit and the E8 emulator to program on-chip QzROM and flash memory.

- (1) R0K303823A000BR
For the 3823 group of MCUs encapsulated in the PRQP0080GB-A package (previous 80P6N-A)
- (2) R0K303823A010BR
For the 3823 group of MCUs encapsulated in the PLQP0080KB-A package (previous 80P6Q-A)
- (3) R0K303850A000BR
For the 3850A group of MCUs encapsulated in the PRSP0042GA-B package (previous 42P2R-E)
- (4) R0K30754XA000BR
For the 7544, 7545, and 7546 groups of MCUs encapsulated in the PLQP0032GB-A package (previous 32P6U-A)
NOTE:
This socket board has already been produced since February 2006 to support the 7544 group only. In addition to 7544, it supports the 7545 and 7546 groups from now on.
- (5) R0K30754XA010BR
For the 7544 and 7546 groups of MCUs encapsulated in the PRDP0032BA-A package (previous 32P4B)
- (6) R0K30754XA020BR
For the 7547 group of MCUs encapsulated in the PRSP0036GA-B package (previous 36P2R-D)

For details of the products, visit the datasheet.

3. A Compact Emulator--M34559T2-CPE--for the 4559 Group, 4500 Series, 720 Family

This compact emulator is provided with real-time trace capabilities, and with it bundled is the M3T-PD45M emulator debugger (the ASM45 absolute assembler included).

For details of the product, visit the datasheet.

4. Ordering Information

The product types of the above products are listed below.

4.1 The Emulator MCU Board for the 38D2 Group

Product Type	Type Name
M38D29T-RLFS-FP	as left
M38D29T-RLFS-HP	as left

4.2 The IC Socket Boards for the 740 Family

Product Type	Type Name
R0K303823A000BR	as left
R0K303823A010BR	as left
R0K303850A000BR	as left
R0K30754XA000BR	as left
R0K30754XA010BR	as left
R0K30754XA020BR	as left

4.3 The Compact Emulator for the 4559 Group

Product Type	Type Name
M34559T2-CPE	as left

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