RENESAS Tool News

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The Beta-2 Version of Cycle-Accurate Simulator Debugger for the M16C Series and R8C Family of MCUs Published

We have published the beta-2 version of M16C R8C Cycle-Accurate Simulator Debugger. This is the improved product of the beta version, which was published in 2007.
For the beta version, see:
http://tool-support.renesas.com/eng/toolnews/071101/tn3.htm

The distribution of the beta-2 version aims to be subjected to users' evaluation in the accuracy of cycle measurement, ease of operation, and so on so that the specifications of the commercial product can be refined. We will much appreciate your advice sent by e-mail to us via the Web site at
http://www.renesas.com/inquiry

1. Outline

M16C R8C Cycle-Accurate Simulator Debugger is a simulator debugger in which the accuracy of cycle count measurement has much been improved than in the existing M16C R8C Simulator Debugger.

2. Improvement Introduced in the Beta-2 Version

Fixed has been the problem that if the following conditions are all satisfied in the String Move instruction, the upper 1 byte of any 2-byte data cannot be transferred correctly:

- An SMOVB or SMOVF instruction is used.
- The size specifier is ".W".
- The destination address of transfer is 0x10000 or later.
- The above-mentioned address is an odd one.

3. How to Obtain and Install the Beta-2 Version

Updated on May 20, 2009:
We have terminated the provision of the beta software.
We have released the M16C R8C Simulator Debugger V.1.04 Release 00 which the precision of cycle-count measurement has been improved.

For the detail of this product and how to get, see our web page at
http://tool-support.renesas.com/eng/toolnews/090516/tn5.htm
(available on and after May 20, 2009)
