

**RENESAS TOOL NEWS on July 16, 2011: 110716/tn2** 

# A Note on Using R8C E1/E20 Emulator Debugger V.1.00.00

When you use R8C E1/E20 Emulator Debugger V.1.00.00, take note of the following problem:

With using software breakpoints

## 1. Problem

Suppose that you have not yet re-executed the user program after disabling any software breakpoint. If you load a program into, or manipulate data on memory at, any address where the software breakpoint has been disabled, the value stored at the address may be changed.

### 2. Workaround

To avoid this problem, do not use software breakpoints, but use address-match (a maximum of 8 points settable) or on-chip breakpoints.

For the case where you must use software breakpoints, we will provide the maintenance release of R8C E1/E20 Emulator Debugger from August 2011. For how to obtain it, contact us at:

http://www.renesas.com/inquiry

## 3. Schedule of Fixing the Problem

We plan to fix this problem in the next version of the product.

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