

RENESAS TOOL NEWS on January 16, 2012: 120116/tn1

## Note on Using R32C/100 E30A Emulator Debugger V.1.02 Release 00

When using R32C/100 E30A Emulator Debugger V.1.02 Release 00, take note of the problem described below.

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### 1. Problem

If programs are loaded on external flash memory, indefinite values are written to a portion of the RAM area. The RAM area involved in this problem is the one that follows the Work RAM and is of the same size as it.

NOTE: The size of the Work RAM is automatically calculated by the External Flash Definition Editor (EFE) and displayed on it.

The following illustration explains the RAM area involved:



### 2. Workaround

To avoid this problem, install the problem-fixed firmware by following these steps:

- (1) Before installing the firmware, make sure that R32C/100 E30A Emulator Debugger V.1.02 Release 00 has already been installed. Otherwise, update the debugger to V.1.02 Release 00.
- (2) If two or more emulator debuggers have been installed by using the multi-installation control of High-performance Embedded Workshop, make R32C/100 E30A Emulator Debugger V.1.02 Release 00 active.
- (3) Download FW\_INST\_HEW\_R32C100E30AV102.exe(2.98 MB), the installer of the

problem-fixed firmware, from [HERE](#).

- (4) Execute FW\_INST\_HEW\_R32C100E30AV102.exe; follow the instructions on-screen to install the firmware.

#### NOTICES:

1. If the firmware is installed in the environment of Windows Vista or Windows 7, the message saying "This program might not have [been] installed correctly" may appear in Program Compatibility Assistant after the installation has been completed. If so, select "This program [has been] installed correctly."
2. If you have installed the firmware into any version of R32C/100 E30A emulator debugger except V.1.02 Release 00, follow these steps to restore the installation:
  - (1) Delete the FFWE30A.dll file under the ¥Tools¥Renesas¥DebugComp¥platform¥PDTarget¥PD100E30A folder, where High-performance Embedded Workshop has been installed.
  - (2) Rename the FFWE30A.dll.bak file under the above folder to FFWE30A.dll.

Note that if you have made incorrect installation twice or more times, the above restoration is impossible.

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