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A Note on Using the SuperH RISC Engine Simulator Debugger

Please take note of the following problem in using the SuperH RISC engine simulator debugger:

- On the number of execution cycles
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1. Versions Concerned

Versions of the SuperH RISC engine simulator debugger:

V.9.04.00 and earlier

(The products with these version numbers are included with the C/C++ compiler packages for the SuperH RISC engine family V.9.00 Release 02 and earlier.)

To check for the version number of your simulator debugger, follow these steps:

- (1) In the High-performance Embedded Workshop, open the Tool menu and select the Administration command. The Tool Administration dialog box appears.
- (2) Select the name of your simulator debugger in the Registered Components list and click the Properties button. The Properties dialog box opens.
- (3) Click the Information tab, and you see the version number of yours.

2. Description

If you select any of the simulators shown below out of the Target list in the Debug Settings dialog box,* create a new project, and execute a user program without saving the session, you will obtain an incorrect value of execution cycles.

- SH-4 Simulator
- SH-4 Simulator (Little endian)
- SH-4 (SH7750R) Simulator

- SH-4 (SH7750R) Simulator (Little endian)

* To see the Debug Settings dialog box, open the Debug menu and select the Debug Settings command.

3. **Workaround**

When you create a new project, save the session once and then reload it by performing the following steps in the High-performance Embedded Workshop:

- (1) Open the File menu and select the Save Session command.

The session will be saved.

- (2) Open the File menu and select the Refresh Session command.

The session will be reloaded.

4. **Schedule of Fixing the Problem**

We plan to fix this problem in the SuperH RISC engine simulator debugger V.9.05.00.

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