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A Note on Using the Simulator Debugger for the H8S Family and H8/300 Series of MCUs --On Searching for Trace Records--

Please take note of the following problem in using the simulator debugger for the H8S family and H8/300 series of MCUs:

- On searching for trace records
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1. Version Concerned

Simulator debugger V.5.03.00 for the H8S family and H8/300 series of MCUs (this is included with the C/C++ compiler package V.6.01 Release 00 for the H8, H8S, and H8SX families)

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*, trace information will be displayed in the Trace window. Under this condition, if you search for trace records with "Address" being selected as a search criterion, no matching addresses will be searched for even when they exist.

- H8/300 Simulator

H8/300L Simulator

- o H8/300HA Simulator
- o H8/300HN Simulator
- o H8S/2600A Simulator
- o H8S/2600N Simulator
- o H8S/2000A Simulator
- o H8S/2000N Simulator

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

3. **Workaround**

Instead of searching for trace records using "Address" as a search criterion, open the Statistics dialog box* and use the statistical analysis function for trace information

* Right-click an unoccupied area of the Trace window; then a pop-up menu is opened. Select the Statistics command out of the menu, and you see the Statistics dialog box.

4. **Schedule of Fixing the Problem**

We plan to fix this problem in the release of the simulator debugger V.5.04.00 for the H8S family and H8/300 series.

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