To our customers,

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Renesas Electronics website: http://www.renesas.com

April 1st, 2010
Renesas Electronics Corporation

Issued by: Renesas Electronics Corporation (http://www.renesas.com)

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Guide to Migration from E8 to E8a

The E8a uses the same connecting functions (connector and circuit) as the E8 when connecting to the user systems. Hence, there is no need to change the user's board.

However, to use the workspace used by E8 with E8a, installation of software for E8a and addition of sessions are required. This guide explains about method to add sessions for E8a to workspace for E8.

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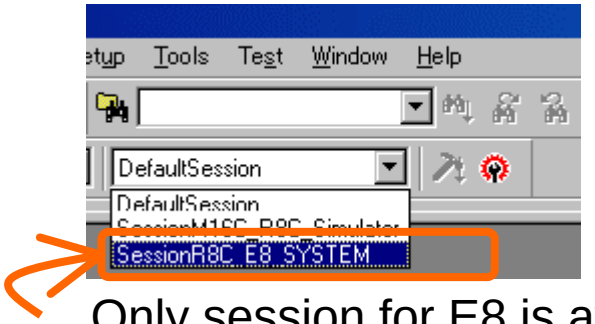
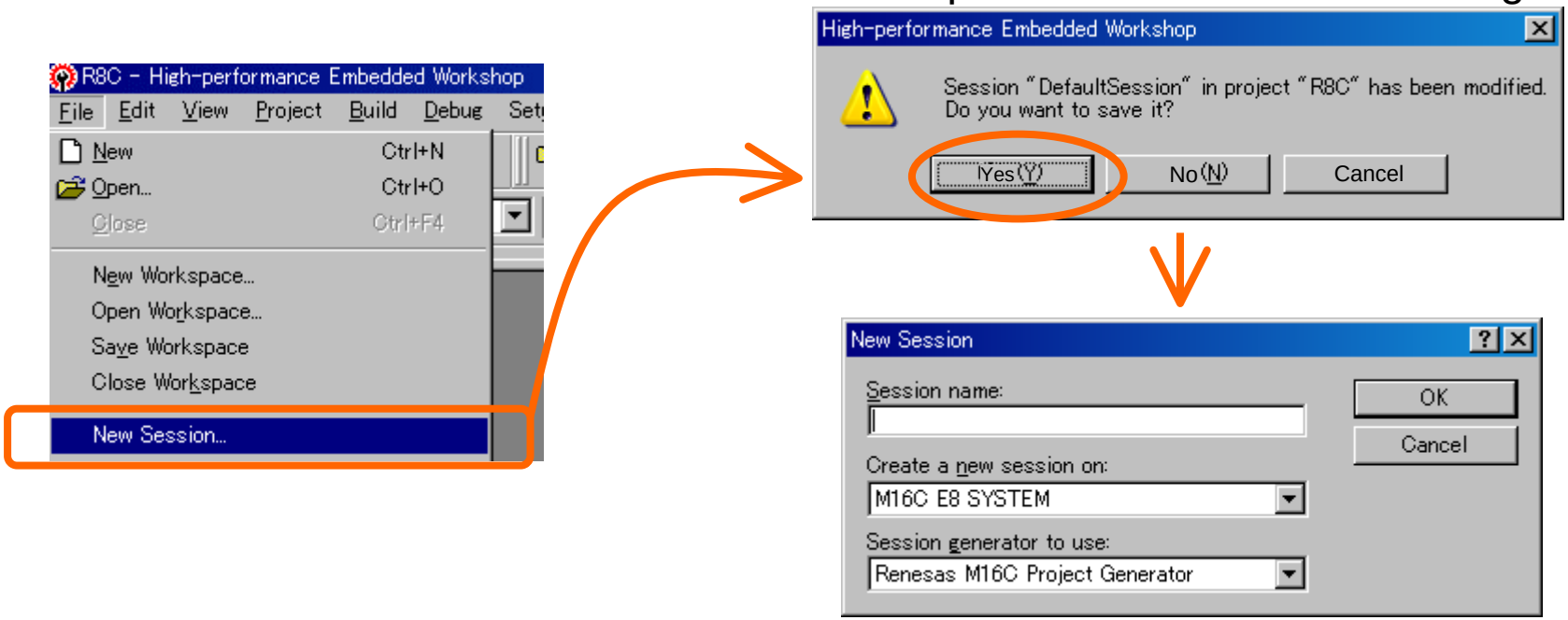
(1) Please add session for E8a in order to use the workspace for E8a.



Only session for E8 is available.

(2) Select “New session…” from the File menu to open the “New session” dialogue.



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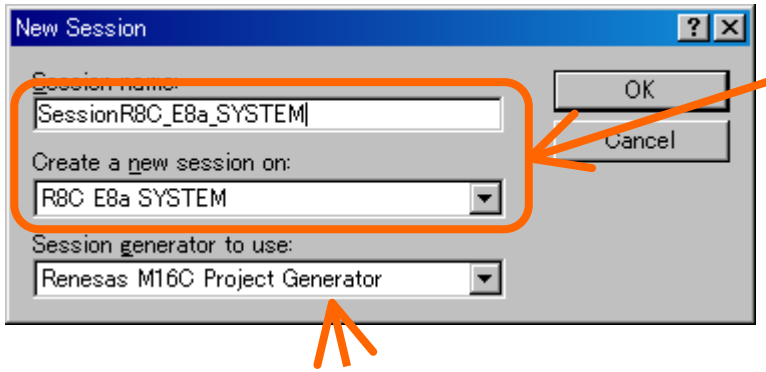
(3) Please input a session name and the target system, then click OK.



Please input any name.

Select the target system from the options shown in the table below.

Keep default setting for project generator.

Target system	Supported device series/group
R8C E8a SYSTEM	R8C/Tiny series
M16C E8a SYSTEM	M16C/60, 6N, 6S group
M32C E8a SYSTEM	M32C series
H8 Tiny/Super Low Power E8a SYSTEM 300H	H8/300H Tiny, Super Low Power series
H8 Tiny/Super Low Power E8a SYSTEM 300L	H8/300L Super Low Power series

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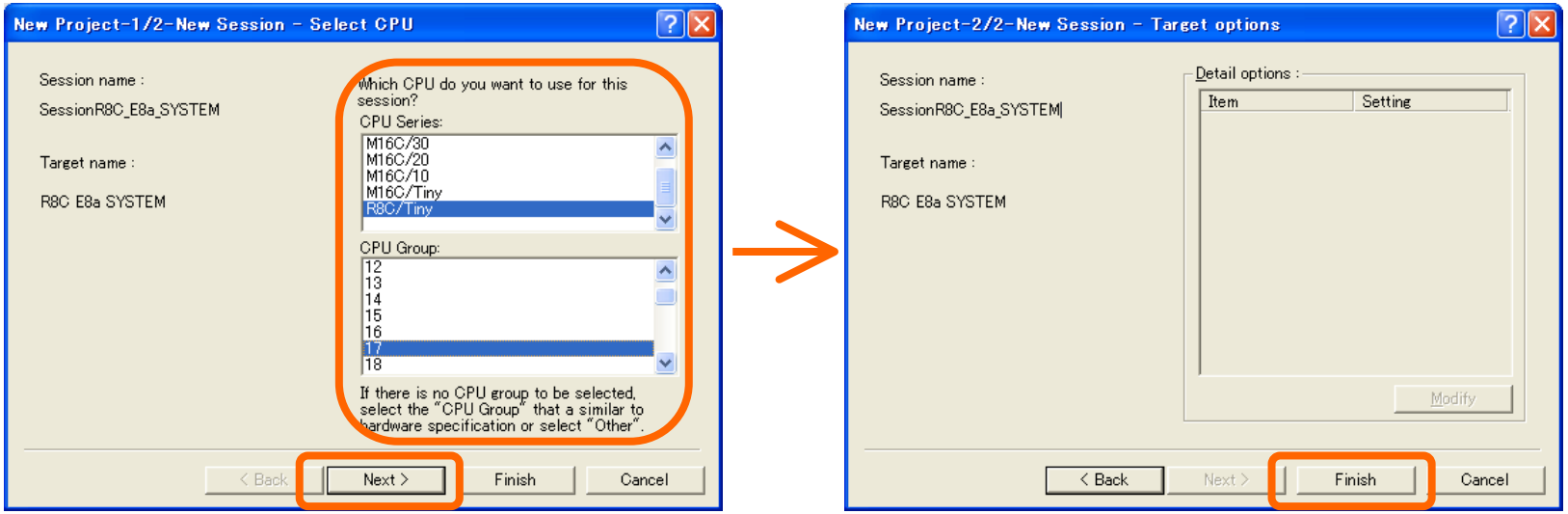
(4) “New Project” dialogue opens. Please select the device to use.

Note: Please refer to (7) when this dialogue does not open.



*The content of dialogue differ by device.

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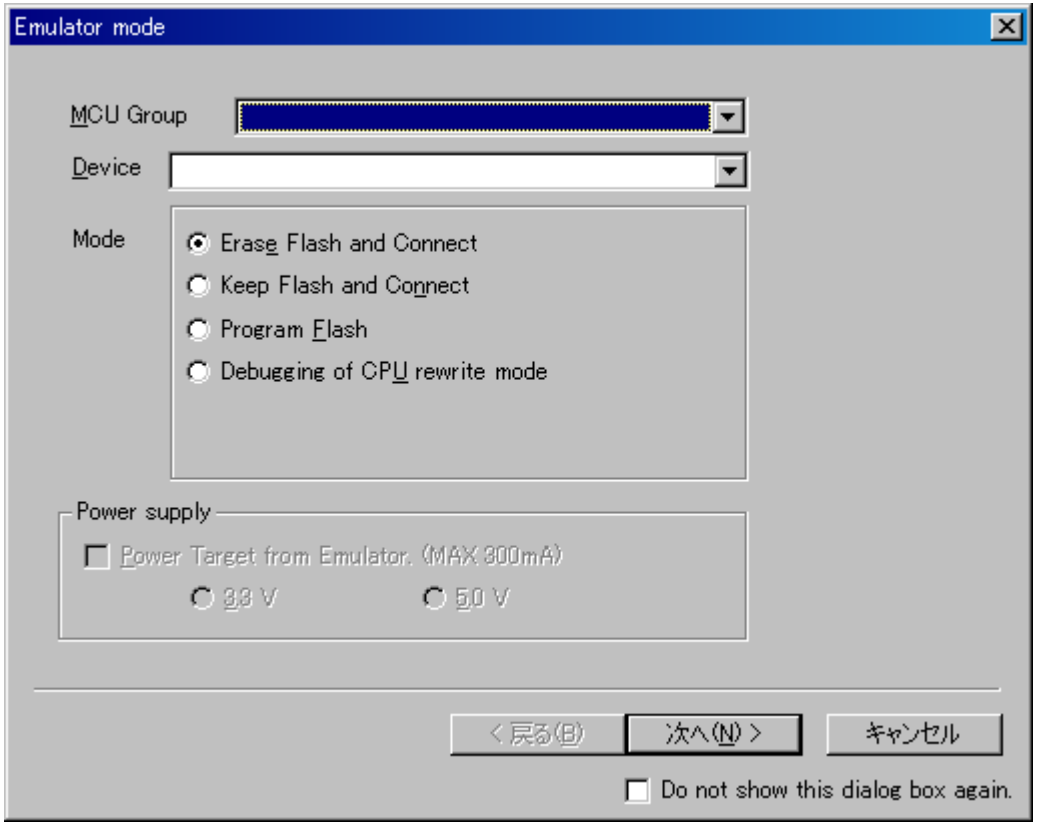
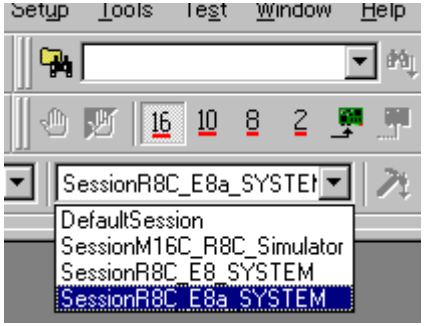
(5) Dialogue to set a connection with E8a opens. Please go on with the usual startup procedure.



*The content of dialogue differ by device.

(6) By taking these steps, new session will be created and registered in the menu. Please select it when connecting to the E8a next time.



*Session for connection to the E8 still remains. It is possible to use the same workspace for both E8 and E8a, only by switching the selection of emulator.

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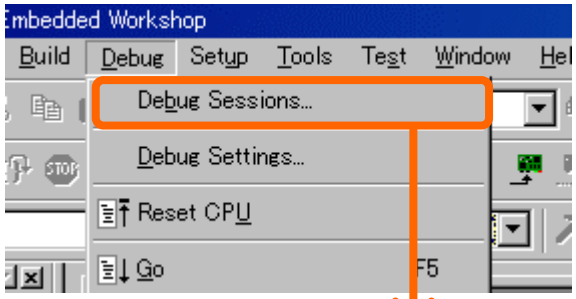
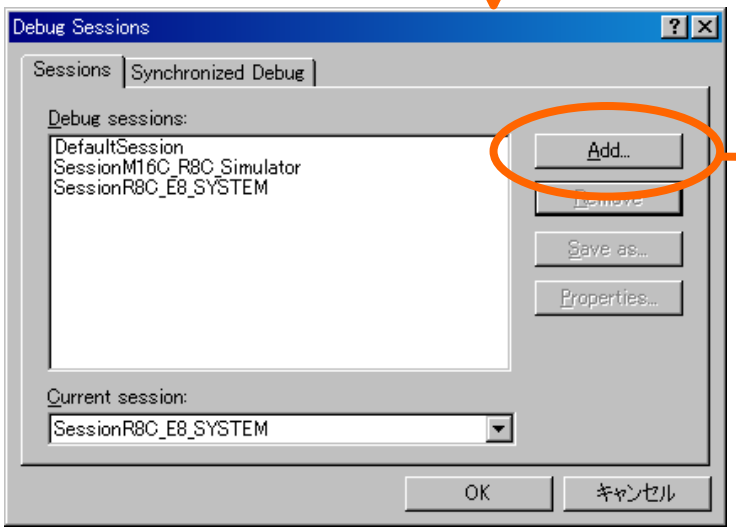
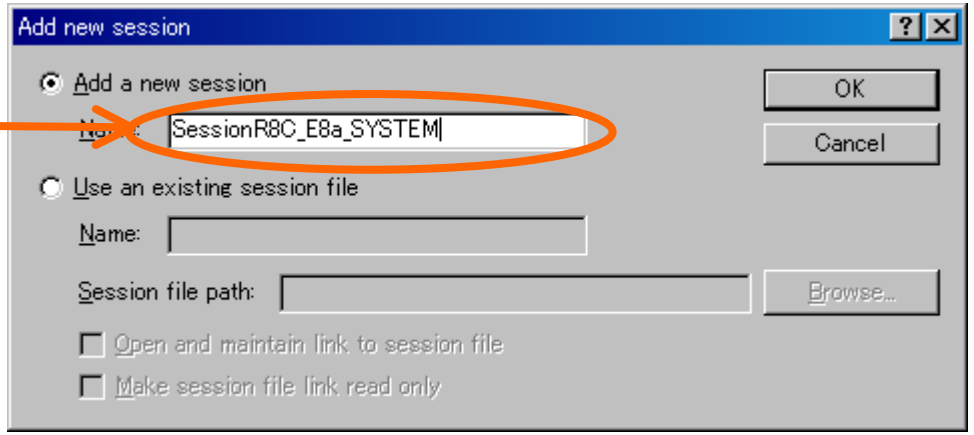
(7) When “New Project” dialogue does not open in the step (4), please create the session for E8a according to the following procedure.

Select “Debug sessions…” from the “Debug” menu to open the debug session dialogue.





(8) Click “Add” and open “Add new session” dialogue. Input the new session name in “Add a new session.” field, and click OK.



*The content of dialogue differ by device.

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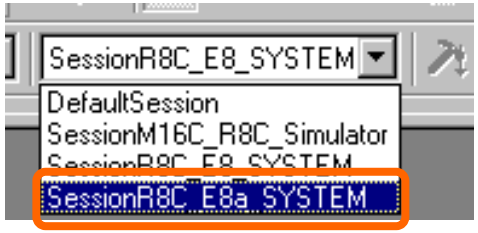
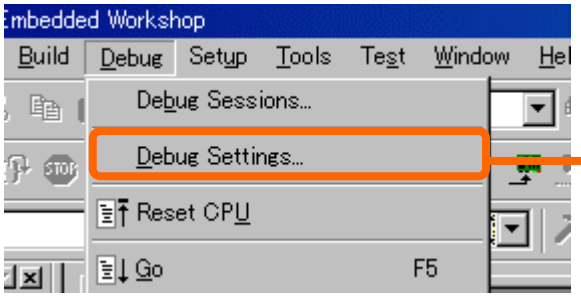
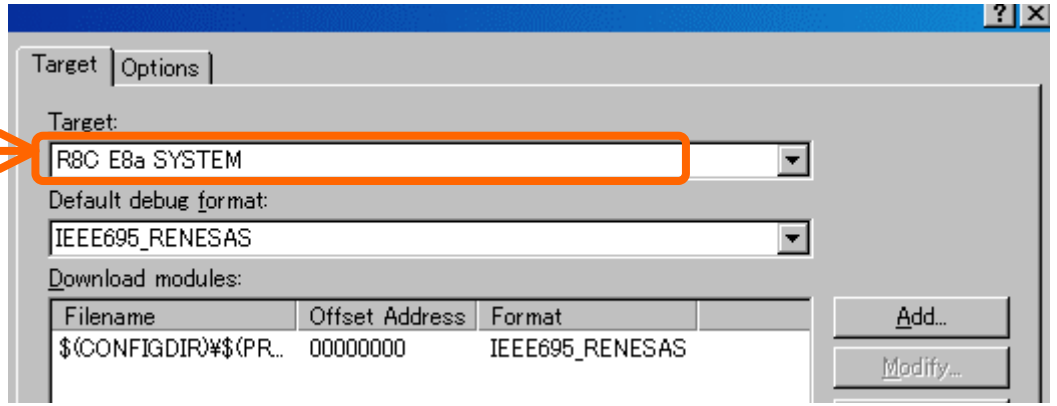
(9) Select the session created in the step (8).



(10) Select “Debug settings…” from the “Debug” menu to open the “Debug setting” dialogue. Select E8a for the target.





Also, please select “Default debug format” and “Download modules”.

*The content of dialogue differ by device.

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