

## A Note on Using Flash Development Toolkit

Please take note of the problem described below in using Flash Development Toolkit.

- Problem with block-erasing of flash ROMs in the 96-KB version of the R8C/Lx series, R8C family of MCUs.
  - With using MCUs in the USB Boot mode.
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### **1 Problem with block-erasing of flash ROMs in the 96-KB version of the R8C/Lx series, R8C family of MCUs.**

#### **1.1 Product and Versions Concerned**

Flash Development Toolkit V.4.03 Release 01 and V.4.03 Release 02

#### **1.2 MCUs Involved**

The following MCUs (coming with 96-KB ROM) of the R8C/Lx series, R8C family are involved in this problem:

R5F2L3AAB, R5F2L3AAA, R5F2L38AB, R5F2L38AA, R5F2L36AB, R5F2L36AA, R5F2L35AB, and R5F2L35AA

#### **1.3 Problem**

Neither the 08000h-0BFFFh block nor the 04000h-07FFFh block of the flash ROM can be erased as a single unit.

In the Flash Development Toolkit's displays, the two blocks

"EB3 0x00008000-0x0000BFFF 16K" and "EB4 0x00004000-0x00007FFF 16K," which are incorrect, should be read as one block

"EB3 0x00004000-0x000BFFF 32KB."

As a result of those incorrect displays, please note the following problem:

If EB3 08000h-0BFFFh 16K or EB4 04000h-07FFFh 16K is selected as the block to erase, block "EB3 0x00004000-0x0000BFFF 32KB" is erased on the actual MCU.

Though a block of the flash ROM to split is incorrectly displayed in Flash Development Toolkit, this problem does not affect the programming of flash ROMs.

#### **1.4 Schedule of Fixing the Problem**

This problem has already been fixed in Flash Development Toolkit V.4.04 Release 00. For details of the revision, see RENESAS TOOL NEWS Document No. 091029/tn2, published on October 29, 2009.

You can also see this item of news at:

<http://tool-support.renesas.com/eng/toolnews/091029/tn2.htm>

This Web page will be opened from October 30.

## **2. With using MCUs in the USB Boot mode.**

### **2.1 Product and Versions Concerned**

Flash Development Toolkit

V.4.03 Release 00 through V.4.03 Release 02

### **2.2 MCUs Involved**

The following MCUs are involved in this problem:

(1) In the SuperH RISC Engine family

SH7286F and SH7285F

(2) In the H8SX family

H8SX/1668MF, H8SX/1668RF, H8SX/1664F, H8SX/1664MF, H8SX/1664RF, H8SX/1663F, H8SX/1663MF, H8SX/1663RF, H8SX/1658MF, H8SX/1658RF, H8SX/1655F, H8SX/1654F, H8SX/1654MF, H8SX/1654RF, H8SX/1653F, H8SX/1653MF, H8SX/1653RF, and H8SX/1652F

(3) In the H8S family

H8S/2472F, H8S/2456F, and H8S/2454F

### **2.3 Description**

Suppose that when any MCU concerned is running in the USB Boot mode, you select "Generic BOOT Device" from the Device list in the Configure Flash Project window of a previously created project.

If you click the Next button in the wizard, the page is not turned to the next.

And in this situation, if you click the Cancel button and repeat a click of the Next button or the Cancel button, Flash Development Toolkit may abnormally be exited.

### **2.4 Workarounds**

To avoid this problem, use either of the following ways:

(1) Do not use any previously created project, but create a project to use.

(2) Select the configuration file explained below from the next time when you need to use a generic boot device on.

When you create a project, a configuration file is automatically generated in Flash Development Toolkit if you select "Generic BOOT Device" from the Device list in the Configure Flash Project window.

## **2.5 Schedule of Fixing the Problem**

This problem has already been fixed in Flash Development Toolkit V.4.04 Release 00. For details of the revised product, see RENESAS TOOL NEWS Document No. 091029/tn2, published on October 29, 2009.

You can also see this item of news at:

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