

To our customers,

Old Company Name in Catalogs and Other Documents

On April 1st, 2010, NEC Electronics Corporation merged with Renesas Technology Corporation, and Renesas Electronics Corporation took over all the business of both companies. Therefore, although the old company name remains in this document, it is a valid Renesas Electronics document. We appreciate your understanding.

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

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Renesas Electronics Corporation

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

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RENESAS TECHNICAL UPDATE

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Product Category	MPU&MCU		Document No.	TN-SH7-A552A/E	Rev.	1.0
Title	Limitation of using 4kbyte boundary area in the USB shared memory of SH7760		Information Category	Technical Notification		
Applicable Product	SH7760	Lot No.	Reference Document	SH7760 Hardware Manual (ADE-602-291 Rev.1.0)		
		ALL				

There is a limitation in the access to the USB shared memory from USB HC(Host controller).

1. Contents

When USB HC(Host controller) reads the data at the following 4kbyte boundary address in the USB shared memory, the wrong data may be returned to USB HC.

The wrong access address which USB HC(Host controller) is using.

H'0000 0FFC - H'0000 0FFF

H'0000 1FFC - H'0000 1FFF

2. Workaround

Please don't use the following area in the USB shared memory.

The address which USB HC(Host controller) is using.

H'0000 0FFC - H'0000 0FFF : Prohibited

H'0000 1FFC - H'0000 1FFF : Prohibited