

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>

April 1st, 2010
Renesas Electronics Corporation

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

Send any inquiries to <http://www.renesas.com/inquiry>.

RENESAS TECHNICAL UPD

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Product Category	MPU&MCU	Document No.	TN-SH7-A541B/E	Rev.	2.0
Title	SH7710/SH7712/R4J7710ABG notice on use of internal Ethernet controller.		Information Category	Technical Notification	
Applicable Product	HD6417710	Lot No.	Reference Document	SH7710 Hardware manual (REJ09B0079-0100Z Rev.1.00)	
	HD6417712 R4J7710ABG	ALL			

The SH7710/SH7712/R4J7710ABG has the following usage notice.

[Notice]

When accessing external memory by CPU of SH7710/SH7712/R4J7710ABG, both big-endian mode and little-endian mode are selectable as data format. However, when accessing external memory by E-DMAC, only big-endian mode is available, little-endian mode is not available.

[Countermeasure]

If little-endian mode is used, data translation from big-endian mode to little-endian mode by software is necessary. This is because only big-endian mode is available when accessing external memory by E-DMAC of SH7710/SH7712/R4J7710ABG.