

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 UPDATE

Nippon Bldg., 2-6-2, Ohte-machi, Chiyoda-ku, Tokyo 100-0004, Japan
Renesas Technology Corp.

Product Category	MPU&MCU		Document No.	TN-SH7-A611A/E	Rev.	1.00
Title	Usage note about sampling rate converter (SRC)		Information Category	Technical Notification		
Applicable Product	R5S72630P200FP R5S72631P200FP R5S72632P200FP R5S72633P200FP	Lot No.	Reference Document	SH7263 Group Hardware Manual (REJ09B0290-0100 Rev.1.00)		
		ALL				

We would like to inform you of the following usage note about sampling rate converter (SRC) included in the above-mentioned applicable products.

○ About flush processing

When 1 is written to the FL bit in SRC control register (SRCCTRL), SRC appends 0 data after previously input data and continues to convert. Do not execute flush processing if input of the last audio data is not completed and the following data exists.

In addition, clear the internal work memory by either of following operation in case of restarting the conversion after flush processing.

- Writing 1 to CL bit in SRCCTRL.
- Writing 1 to SRCEN bit in SRCCTRL after writing 0 to SRCEN.