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)

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RENESAS

Date: Apr.17.2008

RENESAS TECHNICAL UPDATE

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Product Category	MPU&MCU		Document No.	TN-SH7-A653A/E	Rev.	1.00
Title	The specification deletion about AC Characteristics Switching Register (ACSWR) of Bus State Controller (BSC)		Information Category	Technical Notification		
Applicable Product	R5S72650P200BG R5S72651P200BG R5S72652P200BG R5S72653P200BG R5S72050W200BG	Lot No.	Reference Document	・ SH7265 Group Hardware Manual (REJ09B0351-0100) ・ SH7205 Group Hardware Manual (REJ09B0372-0100)		
		ALL				

We would like to inform you of the specification deletion about AC Characteristics Switching Register (ACSWR) of Bus State Controller (BSC) included in the above-mentioned applicable products.

The setting of the AC Characteristics switching Register (ACSWR) is not necessary for the above applicable products. Therefore, the following specification described in hardware manual has been deleted.

10.4.18   AC Characteristics switching Register(ACSWR)

In clock mode 0 or 1, make the AC characteristics switching register (ACSWR) setting if SDRAM is to be used. In clock mode 2 or 3, do not change the initial ACSWR setting.

Bit:	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16
	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Initial value:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R/W:	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R

Bit:	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
	-	-	-	-	-	-	-	-	-	-	-	-	ACOSW[3:0]			
Initial value:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
R/W:	R	R	R	R	R	R	R	R	R	R	R	R	R/W	R/W	R/W	R/W

Bit	Bit Name	Initial Value	R/W	Description
31 to 4	—	All 0	R	Reserved
				These bits are always read as 0. The write value should always be 0.
3 to 0	ACOSW [3:0]	0000	R/W	AC Characteristics Switching
				These bits specify AC characteristics switching.
				0000: Does not extend the delay time.
				TBD: Switches AC characteristics and extends the delay time.
				Other than above: Setting prohibited

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