

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

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Renesas Technology Corp.

Product Category	MPU/MCU		Document No.	TN-SH7-A759A/E	Rev.	1.00
Title	SH7763 DDRIF electrical characteristics specifications change and errata		Information Category	Technical Notification		
Applicable Product	R5S77630Y-266BGV R5S77631Y266BGV R5S77632Y266BGV	Lot No.	Reference Document	SH7763 Hardware Manual (REJ09B0256-0200)		
		All lots				

Dear valued customer, please be informed about SH7763 DDRIF electrical characteristics specifications change and errata.

1. DDRIF Signal Timing specifications change (Table 43.12 DDRIF Signal Timing)

Before correction

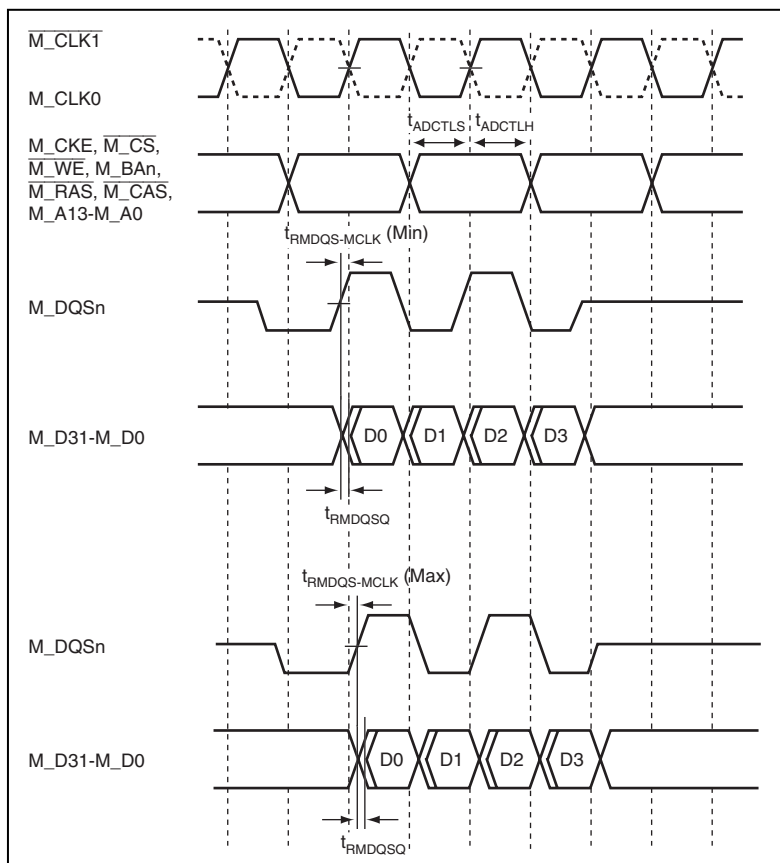
Item	Symbol	Min.	Max.	Unit	Figure	Remarks
M_CLK-to-M_DQSn skew time (read)	$t_{\text{RMDQS-MCLK}}$	-1.0	1.0	ns	43.29	DDR200
		-0.8	0.8			DDR266

After correction

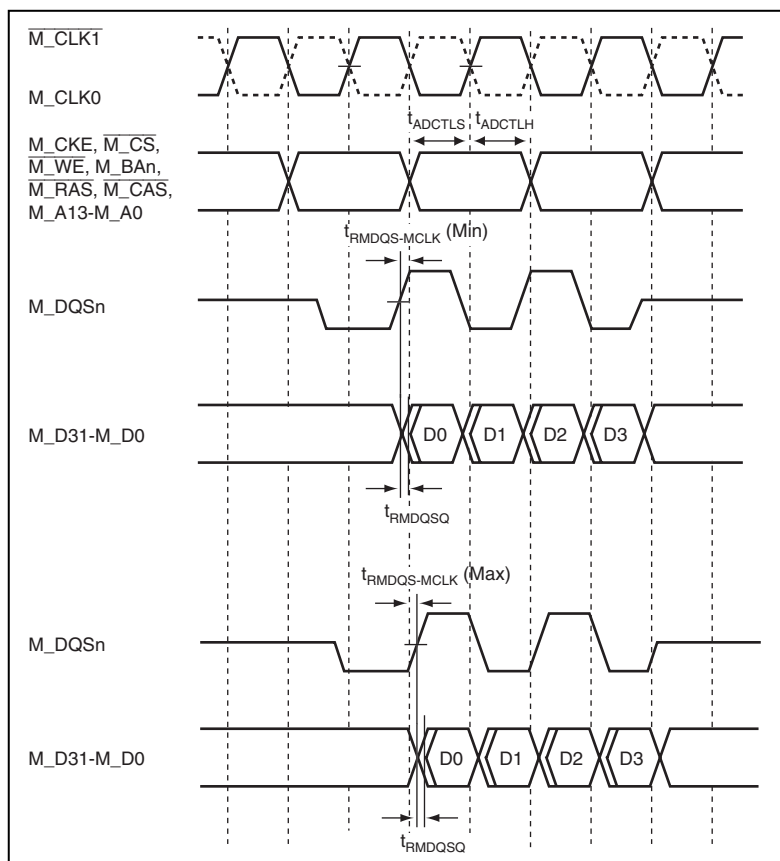
Item	Symbol	Min.	Max.	Unit	Figure	Remarks
M_CLK-to-M_DQSn skew time (read)	$t_{\text{RMDQS-MCLK}}$	<u>-0.75</u>	<u>1.82</u>	ns	43.29	DDR200
		<u>-0.35</u>	<u>1.23</u>			DDR266

2. DDRIF Signal Timing errata (Figure 43.29 Read Timing of DDR-SDRAM (2 Burst Read))

Before correction



After correction



End of the report