

RENESAS TECHNICAL UPDATE

TOYOSU FORESIA, 3-2-24, Toyosu, Koto-ku, Tokyo 135-0061, Japan
Renesas Electronics Corporation

Product Category	MPU/MCU		Document No.	TN-RX*-A192A/E	Rev.	1.00
Title	Eratta to RX Family User's Manuals Regarding the SD Host Interface (SDHI)		Information Category	Technical Notification		
Applicable Product	RX71M Group, RX64M Group, RX65N Group, RX651 Group, RX231 Group	Lot No.	Reference Document	User's Manual: Hardware for applicable products (see the table at the last page)		
		All				

This document describes corrections to the section of the SD Host Interface (SDHI) in User's Manual: Hardware for the applicable products as above.

Page and section numbers are based on the RX64M Group. Refer to the table on the last page for the corresponding page and section numbers for other groups.

•Page 2470 of 2936

The read values for the reserved bits b31 to b16 in section 49.2.13, SD Error Status Register 1 (SDERSTS1) are corrected from 0 to undefined as follows.

Before correction

Address(es): SDHI.SDERSTS1 0008 AC58h

	b31	b30	b29	b28	b27	b26	b25	b24
	—	—	—	—	—	—	—	—
Value after reset	0	0	0	0	0	0	0	0
	b23	b22	b21	b20	b19	b18	b17	b16
	—	—	—	—	—	—	—	—
Value after reset	0	0	0	0	0	0	0	0
	b15	b14	b13	b12	b11	b10	b9	b8
	—	CRCTK[2:0]			CRCTKE	RDCRCE	RSPCRCE1	RSPCRCE0
Value after reset	0	0	1	0	0	0	0	0
	b7	b6	b5	b4	b3	b2	b1	b0
	—	—	CRCLENE	RDLENE	RSPLNE1	RSPLNE0	CMDE1	CMDE0
Value after reset	0	0	0	0	0	0	0	0

Bit	Symbol	Bit Name	Description	R/W
(Omitted)				
b31 to b15	—	Reserved	These bits are 0 when read.	R

After correction

Address(es): SDHI.SDERSTS1 0008 AC58h

	b31	b30	b29	b28	b27	b26	b25	b24
	—	—	—	—	—	—	—	—
Value after reset	0	0	0	0	0	0	0	0
	b23	b22	b21	b20	b19	b18	b17	b16
	—	—	—	—	—	—	—	—
Value after reset	0	0	0	0	0	0	0	0
	b15	b14	b13	b12	b11	b10	b9	b8
	—	CRCTK[2:0]			CRCTKE	RDCRCE	RSPCRCE1	RSPCRCE0
Value after reset	0	0	1	0	0	0	0	0
	b7	b6	b5	b4	b3	b2	b1	b0
	—	—	CRCLENE	RDLENE	RSPLNE1	RSPLNE0	CMDE1	CMDE0
Value after reset	0	0	0	0	0	0	0	0

Bit	Symbol	Bit Name	Description	R/W
(Omitted)				
b15	—	Reserved	These bits are 0 when read.	R
b31 to b16	—	Reserved	These bits are undefined when read.	R

Reference Documents

Applicable Product	Related Document	Page Number	Chapter Number
RX71M Group	RX71M Group User's Manual: Hardware Rev.1.10 (R01UH0493EJ0110)	Page 2499 of 2952	49.2.13
RX64M Group	RX64M Group User's Manual: Hardware Rev.1.10 (R01UH0377EJ0110)	Page 2482 of 2936	49.2.13
RX65N Group RX651 Group	RX65N Group, RX651 Group User's Manual: Hardware Rev.2.10 (R01UH0590EJ0210)	Page 2046 of 2695	43.2.13
RX231 Group	RX230 Group, RX231 Group User's Manual: Hardware Rev.1.10 (R01UH0496EJ0110)	Page 1576 of 1977	40.2.14

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