RENESAS TECHNICAL UPDATE

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Product Category	MPU/MCU			Document No.	TN-RZ*-A025A/E	Rev.	1.00
Title	RZ/G Series User's Manual:Hardware Correction (DBSC3)			Information Category	Technical Notification		
Applicable Product	RZ/G Series RZ/G1H, M, N, and E	Lot No.		Reference Document	RZ/G Series User's Manual: Hardware Rev.1.00 (R01UH0543EJ0100)		
		All lots					

This technical update describes document correction for RZ/G Series.

[Summary]

RZ/G Series User's Manual: Hardware Correction (manual errata)

As PDMODE prohibits "10" setting, it deletes unnecessary description of Description.

[Products]

RZ/G1H, M, N, and E

[Note]

There is no specification change (document correction only).

[Correction]

(Cancelation line parts (abcd) are deleted and gray highlighted parts (efgh) are corrected.)

1. Section 15.3.38 Power-Down Configuration Register (DBPDNCNF) -> Description of PDMODE bit

Current (from):

Bit	Bit Name	Initial Value	R/W	Description
1, 0	PDMODE	00	R/W	Power-Down/Self-Refresh Mode Bits

When these bits are set to "01" and there has been no memory access for a certain period, the power-down entry command is issued to place the SDRAM in power-down mode. When these bits are set to "10" and there has been no memory access for a certain period, the self-refresh entry command is issued to place the SDRAM in self-refresh mode.

00: Auto power-down mode and auto self-refresh mode are off.

01: Auto power-down mode is on.

Other settings are prohibited.

Correction (to):

Bit	Bit Name	Initial Value	R/W	Description
1, 0	PDMODE	00	R/W	Power-Down/~~Self-Refresh~~ Mode Bits

When these bits are set to "01" and there has been no memory access for a certain period, the power-down entry command is issued to place the SDRAM in power-down mode. ~~When these bits are set to "10" and there has been no memory access for a certain period, the self-refresh entry command is issued to place the SDRAM in self-refresh mode.~~

00: Auto power-down mode ~~and auto self-refresh mode~~ is off.

01: Auto power-down mode is on.

Other settings are prohibited.

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