

# RENESAS TECHNICAL UPDATE

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Product Category	MPU/MCU		Document No.	TN-RZ*-A038A/E	Rev.	1.00
Title	RZ/G Series User's Manual:Hardware Correction (Electrical Characteristics)		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 Sep. 30, 2016 (R01UH0543EJ0100)		
		All lots				

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

#### [Summary]

Correction of power supply voltage for DDR3 and DDR3L.

#### [Products]

RZ/G1H, M, N, and E

#### [Note]

There is no specification change (document correction only).

#### [Correction]

(Gray part (abcd) are corrected)

#### 1. Table 63.1.1

Current (from):

**Table 63.1.1 Absolute Maximum Ratings**

Item	Value	Unit	Remarks
:	:	:	:
Power supply voltage (1.5V) (VDDQ_M0)	-0.3 to +1.875	V	—
Power supply voltage (1.5V) (VDDQ_M1, VDDQ_M1A)			H and M
Power supply voltage (1.35 V) (VDDQ_M0)	-0.3 to +1.75	V	—
Power supply voltage (1.35 V) (VDDQ_M1, VDDQ_M1A)			H and M
:	:	:	:

Correction (to):

**Table 63.1.1 Absolute Maximum Ratings**

Item	Value	Unit	Remarks
:	:	:	:
Power supply voltage (1.5V) (VDDQ_M0)	-0.3 to +1.875	V	H and E
Power supply voltage (1.5V) (VDDQ_M1, VDDQ_M1A)			H
Power supply voltage (1.35 V) (VDDQ_M0)	-0.3 to +1.75	V	M and N
Power supply voltage (1.35 V) (VDDQ_M1, VDDQ_M1A)			M
:	:	:	:

2. Table 63.2.1

Current (from):

**Table 63.2.1 Power Supply (H, M, N and E)**

Item	Symbol	Voltage			Unit	Remarks
		Min.	Typ.	Max.		
:	:	:	:	:	:	:
Power supply (1.5-V I/O [DDR3])	VDDQ_M0 (H, M, N, E), VDDQ_M1	1.425	1.5	1.575	V	VDDQ_M0, VDDQ_M1 and VDDQ_M1A for power supply and VSS for ground
Power supply (1.35-V I/O [DDR3L])	(H, M), VDDQ_M1A (H, M)	1.283	1.35	1.450	V	
:	:	:	:	:	:	:

Correction (to):

**Table 63.2.1 Power Supply (H, M, N and E)**

Item	Symbol	Voltage			Unit	Remarks
		Min.	Typ.	Max.		
:	:	:	:	:	:	:
Power supply (1.5-V I/O [DDR3])	VDDQ_M0 (H, E), VDDQ_M1 (H), VDDQ_M1A (H)	1.425	1.5	1.575	V	VDDQ_M0, VDDQ_M1 and VDDQ_M1A for power supply and VSS for ground
Power supply (1.35-V I/O [DDR3L])	VDDQ_M0 (M, N), VDDQ_M1 (M), VDDQ_M1A (M)	1.283	1.35	1.450	V	
:	:	:	:	:	:	:

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