

# 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-RZ*-A0056A/E	Rev.	1.00
Title	Limitation of Use for IPMMU of RZ/G Series		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 the limitation of RZ/G Series.

[Summary]

“In case that the address translation feature of IPMMU is used by multi-channel of DMAC, it might cause to the wrong address translation.”

[Products]

RZ/G1H, M, N and E

[Note]

This is a limitation for the RZ/G1H, M, N and E.

[Limitation]

The address translation feature of IPMMU cannot be used in RZ/G1H, M, N and E.

[Description]

In case that the address translation feature of IPMMU is used by multi-channel of DMAC, it might cause to the wrong address translation. When the address translation request from some DMAC and the address translation response to another DMAC is conflicted inside the logic related to the address translation at the same time, address translation request is duplicated accidentally. After receiving the response of this duplicated request, it causes the wrong address translation.

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