

Product Change Notice (PCN)

Subject: RZ/T2H&N2H Product Mask Revision Change

Publication Date: 6/20/2025

Effective Date: 10/1/2025

Revision Description:

Initial release

Description of Change:

The mask revision will be implemented for the DDR Memory Controller issue informed by the technical update (TN-RZ*-A0143A/E). The revised products will be available from Oct 2025.

Before Mask Revision	After Mask Revision
In rare cases, abnormal read data may be returned when the bus masters connected Port A0, A1 and R2 access DDR memory.	Read to DDR memory from all bus masters work normally.

Production of products with the previous mask version is planned to be discontinued. We kindly request that the customer transition to the revised products. Please review the changes and, based on your judgement, make the necessary software modifications and evaluations.

Affected Product List:

Product Series	Booking Part Number	
	Before Mask Revision	After Mask Revision
RZ/T2H	R9A09G077M48GBG#AC0	R9A09G077M48GBG#AC1
	R9A09G077M48GBG#BC0	R9A09G077M48GBG#BC1
	R9A09G077M28GBG#AC0	R9A09G077M28GBG#AC1
	R9A09G077M28GBG#BC0	R9A09G077M28GBG#BC1
	R9A09G077M08GBG#AC0	R9A09G077M08GBG#AC1
	R9A09G077M08GBG#BC0	R9A09G077M08GBG#BC1
	R9A09G077M44GBG#AC0	R9A09G077M44GBG#AC1
	R9A09G077M44GBG#BC0	R9A09G077M44GBG#BC1
	R9A09G077M24GBG#AC0	R9A09G077M24GBG#AC1
	R9A09G077M24GBG#BC0	R9A09G077M24GBG#BC1
	R9A09G077M04GBG#AC0	R9A09G077M04GBG#AC1
	R9A09G077M04GBG#BC0	R9A09G077M04GBG#BC1
RZ/N2H	R9A09G087M48GBG#AC0	R9A09G087M48GBG#AC1
	R9A09G087M48GBG#BC0	R9A09G087M48GBG#BC1
	R9A09G087M28GBG#AC0	R9A09G087M28GBG#AC1
	R9A09G087M28GBG#BC0	R9A09G087M28GBG#BC1
	R9A09G087M08GBG#AC0	R9A09G087M08GBG#AC1
	R9A09G087M08GBG#BC0	R9A09G087M08GBG#BC1
	R9A09G087M44GBG#AC0	R9A09G087M44GBG#AC1
	R9A09G087M44GBG#BC0	R9A09G087M44GBG#BC1
	R9A09G087M24GBG#AC0	R9A09G087M24GBG#AC1
	R9A09G087M24GBG#BC0	R9A09G087M24GBG#BC1
	R9A09G087M04GBG#AC0	R9A09G087M04GBG#AC1
	R9A09G087M04GBG#BC0	R9A09G087M04GBG#BC1

Reason for Change:

Fixing the DDR Memory Controller issue.

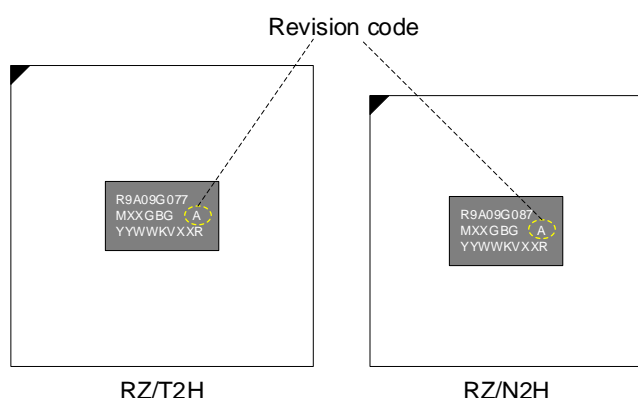
Impact on Fit, Form, Function, Quality & Reliability:

Fit, Form, Quality & Reliability: None

Function: The functions described in the “Description of Change” section are modified.

Product Identification:

Revised products can be identified by the revision code ‘A’ marked on the package or by reading the value from Product Version (VER) in OTP. Additionally, for the revised products, the last digit of the booking part number will be changed from 0 to 1.



Product Version (VER) in OTP

Before Mask Revision	After Mask Revision
0x0	0x1

Qualification Status: N/A

Sample Availability Date: 9/1/2025

Device Material Declaration: N/A

Note:

1. Acknowledgement must be received by Renesas within 30 days or Renesas will consider the change as approved.
2. If timely acknowledgement is provided by Customer, then Customer shall have 90 days from the date of receipt of this PCN to make any objections to this PCN. If Customer fails to make objections to this PCN within 90 days of the receipt of the PCN then Renesas will consider the PCN changes as approved.
3. If customer cannot accept the PCN then customer must provide Renesas with a last time buy demand and purchase order.

For additional information regarding this notice, please contact your Renesas sales representative.