

Product Change Notice (PCN)

Subject: RZ/G3E Product Mask Version Change

Publication Date: 9/12/2025

Effective Date: 12/22/2025

Revision Description:

Initial release

Description of Change:

That mask revision introduces the removal of certain restrictions on MIPI DSI and Ethos-U55 functionality.

Before Mask Revision	After Mask Revision
Support is not provided for controlling MIPI LCDs via the Display Command Set over MIPI-DSI. Furthermore, applications based on the Ethos-U55 that utilize LPDDR4/LPDDR4X memory are not supported.	No limitations apply to MIPI-DSI and Ethos-U55 functionality.

Production of products with the previous Mask Revision 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		Mask Version	
	Before Mask Revision	After Mask Revision	Before	After
RZ/G3E	R9A09G047E27GBG#AC0	R9A09G047E27GBG#AC1	V1	V2
	R9A09G047E27GBG#BC0	R9A09G047E27GBG#BC1	V1	V2
	R9A09G047E37GBG#AC0	R9A09G047E37GBG#AC1	V1	V2
	R9A09G047E37GBG#BC0	R9A09G047E37GBG#BC1	V1	V2
	R9A09G047E47GBG#AC0	R9A09G047E47GBG#AC1	V1	V2
	R9A09G047E47GBG#BC0	R9A09G047E47GBG#BC1	V1	V2
	R9A09G047E57GBG#AC0	R9A09G047E57GBG#AC1	V1	V2
	R9A09G047E57GBG#BC0	R9A09G047E57GBG#BC1	V1	V2

Reason for Change:

Removal of certain restrictions on MIPI DSI and Ethos-U55 functionality.

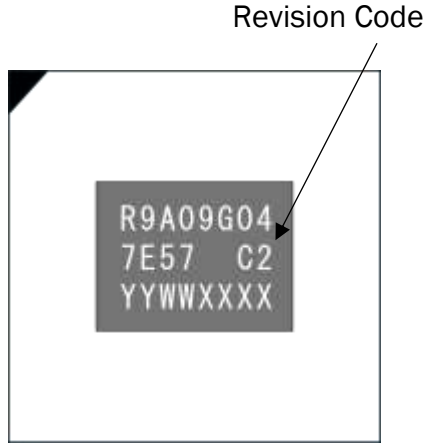
Impact on Fit, Form, Function, Quality & Reliability:

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 'C2' marked on the package or by reading the value from the LSI Device ID register. Additionally, for the revised products, the last digit of the booking part number will be changed from 0 to 1.



LSI Device ID register (DEV_ID[31:28])

Before Mask Revision	After Mask Revision
0x0	0x1

Qualification Status: N/A

Sample Availability Date: 11/28/2025

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 100 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 100 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.