

## Product Change Notification

(Notification - P1908040-DIGI)

(IANS-AC-19-0002 / ANZ008)

August 12, 2019

**To:** *Our Valued Digi-Key Electronics Customer*

**Overview:** The purpose of this notification is to communicate a product change of select Renesas Electronics America, Inc. (REA) devices.

This notification announces a circuit change for a small specific part of the 5port Ethernet Switch IP for select RZ/N1 devices. The Product Version Register will also be updated due to this change. See appendix for additional details.

There is a part number change. There is no impact to quality and/or reliability.

**Affected Products:** A review of our records indicates the list of products below may affect your company.

Booking Part Number	Replacement Part Number
R9A06G032NGBG#AC0	R9A06G032NGBG#AC1
R9A06G032VGBG#AC0	R9A06G032VGBG#AC1
R9A06G032VGBA#AC0	R9A06G032VGBA#AC1
R9A06G033NGBG#AC0	R9A06G033NGBG#AC1
R9A06G033VGBA#AC0	R9A06G033VGBA#AC1
R9A06G034VGBA#AC0	R9A06G034VGBA#AC1

Part numbers given in this list are for active part numbers in REA database at the time of this notification.

**Key Dates:**

Shipments from REA of replacement products begins.	<b>Nov. 1<sup>st</sup>, 2019</b>
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**Response:** No response is required. REA will consider this notification approved 30 days after its issue. If you anticipate volumes beyond your regular rate prior to the transition date, please contact your REA sales representative with a forecast of your requirements.

You are encouraged to sample the suggested replacement device and begin qualification as soon as possible. Please contact you REA sales representative to obtain samples.

If the customer provides a timely acknowledgement, the customer shall have 90 days (an additional 60 days) from the date of receipt of this notification in which to make any objections to the notification. If the customer does not make any objections to this notification within 90 days of the receipt of the notification, then Renesas will consider the notification as approved. If customer cannot accept the notification, then the customer must provide Renesas with a last time buy demand and purchase order.

Please contact your REA sales representative for any questions or comments. Thank you for your attention.

Sincerely,

Renesas Electronics America, Inc.

## Appendix A: Change Background

In the case where a write access is performed to specific registers in the 5port Ethernet Switch, there is a possibility that incorrect data would be written in to the registers. A small part of the circuit in the 5port Ethernet Switch IP has been modified to fix this issue.

## Appendix B: Product Version Register Change

In the fixed device, the product version register (0x4000 C19C) will be updated.

- Fixed device           VERSION[8:0] = 0x013(RZ/N1D), 0x111(RZ/N1S, RZ/N1L)
- Not fixed device       VERSION[8:0] = 0x011(RZ/N1D), 0x110(RZ/N1S, RZ/N1L)

## Appendix C: Marking Change

Changed products can be identified by "R1" on left hand side of JAPAN marked on the package.



RZ/N1D LFBGA400



RZ/N1D LFBGA324



RZ/N1S LFBGA324



RZ/N1S LFBGA196



RZ/N1L LFBGA196

## Appendix D: Supplemental Information

Please refer the Renesas Technical Update Document Number: TN-RZ\*-A0059A/E.  
(<https://www.renesas.com/us/en/doc/products/mpumcu/tu/003/tnrza0059ae.pdf>)