Product Change Notification (Notification - P1707044-DIGI) (BL201602033)

July 27, 2017

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. These devices have suggested replacements. There is no change to electrical characteristics or product reliability.

This notification announces the following changes (see the appendix for additional details).

- 1. Change in assembly sites from J-Devices Corp. (Fukui) and GEM Electronics (Shanghai) to Renesas Semiconductor (M) Sdn. Bhd.
- 2. Change to the carrier tape, cover tape material, and reel.
- 3. Change to the lead plating material.
- 4. Change to the package size specification.
- 5. Change to the number of bonding wires.
- 6. Change to the marking specification.

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

Booking Part Number	Suggested Replacement	Booking Part Number	Suggested Replacement
UPA2735GR-E1-AT	UPA2735GR-E1-AX	UPA2738GR-E1-AT	UPA2738GR-E1-AX
UPA2736GR-E1-AT	UPA2736GR-E1-AX	UPA2738GR-E2-AT	UPA2738GR-E2-AX
UPA2737GR-E1-AT	UPA2737GR-E1-AX	UPA3753GR-E1-AT	UPA3753GR-E1-AX

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 the suggested replacement parts begin.
 April 1st, 2016

Response: No response is required. REA will consider this notification approved 30 days after its issue. Please switch to replacement device as soon as possible to avoid disruption of supply. 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,

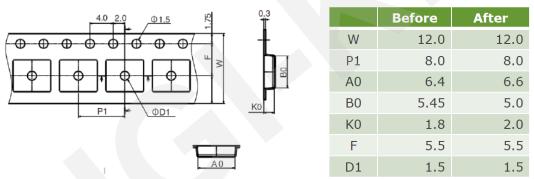
Renesas Electronics America, Inc.



Appendix 1: Assembly Site Change

P/N	Before	After	
UPA2735GR UPA2736GR UPA2737GR UPA2738GR	J-Devices Corporation, Fukui [JS-Fukui]	Renesas Semiconductor (M)	
UPA3753GR	GEM Electronics (Shanghai) Co., Ltd [GEM]	Sdn. Bhd. [RSM]	

Appendix 2a: Carrier Tape Change



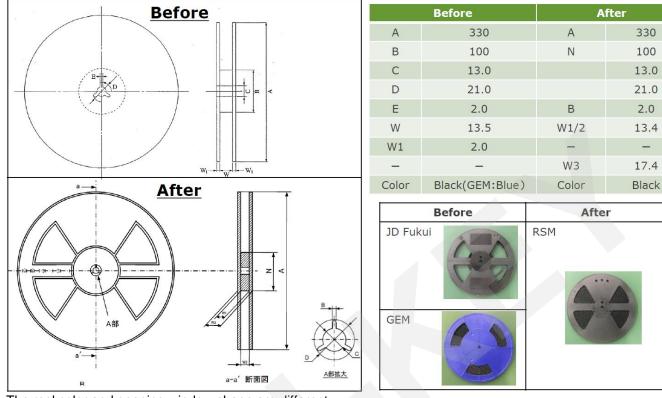
There is no change in the tape width, pitch, hole diameter, or hole position. The dimensions of the pocket are different.

Appendix 2b: Cover Tape Material Change

	Before	After
Material	PET	PE



Appendix 2c: Reel Change

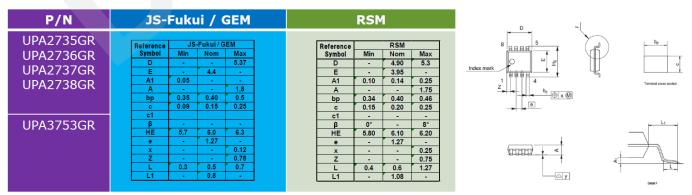


The reel color and opening window shape are different.

Appendix 3: Lead Plating Material Change

Manufacturing process	JS-Fukui / GEM	RSM	Note
Lead plating	Sn 100% plating	Ni-Pd-Au plating (Standard specification in RSM)	Pre Plated Lead Frame

Appendix 4: Package Specification Change



The package size and the foot pattern are compatible.

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Appendix 5: Number of Bonding Wires Change

P/N	JS-Fukui / GEM	RSM
UPA2735GR	Source wire: 18 wires, Gate: 1 wire	Source wire: 15 wires, Gate: 1 wire
UPA2736RGR	Source wire: 17 wires, Gate: 1 wire	Source wire: 15 wires, Gate: 1 wire
UPA2737GR	Source wire: 12 wires, Gate: 1 wire	No change
UPA2738GR	Source wire: 10 wires, Gate: 1 wire	No change
UPA3753GR	Source wire: 3 wires, Gate: 1 wire	No change

It has already been confirmed there is enough margin to the product specification.

Appendix 6: Marking Specification Change

