

## Product Change Notification

(Notification - P1812067-FUT)

(GET-11721)

December 21, 2018

**To:** *Our Valued Future Electronics Customer*

**Overview:** The purpose of this notification is to communicate a product change of select Renesas Electronics America, Inc. (REA) devices. There is no change to the part number, electrical characteristics, or product reliability.

This notification announces the wafer fabrication site & wafer size change from Renesas Semiconductor Manufacturing Co., Ltd., Shiga (6") to Renesas Semiconductor Manufacturing Co., Ltd., Naka (8") for select photocoupler devices.

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

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 product from new wafer fabrication site begins. Cross shipments of material from the old and new sites may continue for a period of time.
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<b>December 15<sup>th</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.

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: Future Part Number List

Booking Part Number				
PS2381-1Y-AX	PS2561BL-1-A	PS2565L2-1Y-A	PS2801-1-F3-A	PS2845-4A-AX
PS2381-1Y-F3-AX	PS2561BL-1-F3-A	PS2565L2-1Y-F3-A	PS2801-1-V-F3-A	PS2845-4A-F3-AX
PS2381-1Y-V-AX	PS2561BL2-1-A	PS2565L2-1Y-V-A	PS2801-4-A	PS2861B-1Y-A
PS2381-1Y-V-F3-AX	PS2561D-1Y-A	PS2581AL1-A	PS2801-4-F3-A	PS2861B-1Y-F3-A
PS2501-1-A	PS2561D-1Y-V-A	PS2581AL2-A	PS2801A-1-A	PS2861B-1Y-V-A
PS2501-4-A	PS2561DL1-1Y-A	PS2581AL2-F3-A	PS2801A-1-F3-A	PS2861B-1Y-V-F3-A
PS2501A-1-A	PS2561DL1-1Y-V-A	PS2581L1-A	PS2801A-4-A	PS2911-1-AX
PS2501AL-1-A	PS2561DL-1Y-A	PS2581L2-A	PS2801A-4-F3-A	PS2911-1-F3-AX
PS2501AL-1-F3-A	PS2561DL-1Y-F3-A	PS2581L2-F3-A	PS2801C-1-A	PS2911-1-V-F3-AX
PS2501L-1-A	PS2561DL-1Y-V-A	PS2701-1-A	PS2801C-1-F3-A	PS2913-1-AX
PS2501L-1-F3-A	PS2561DL-1Y-V-F3-A	PS2701-1-F3-A	PS2801C-1-V-A	PS2913-1-F3-AX
PS2501L-4-A	PS2561DL2-1Y-A	PS2701-1-V-A	PS2801C-1-V-F3-A	PS2913-1-V-F3-AX
PS2505-1-A	PS2561DL2-1Y-F3-A	PS2701-1-V-F3-A	PS2801C-1Y-F3-A	PS2915-1-AX
PS2505-4-A	PS2561DL2-1Y-V-A	PS2701-1Y-F3-A	PS2801C-4-A	PS2915-1-F3-AX
PS2505L-1-A	PS2561DL2-1Y-V-F3-A	PS2701A-1-A	PS2801C-4-F3-A	PS2915-1-V-F3-AX
PS2505L-1-F3-A	PS2561F-1Y-A	PS2701A-1-F3-A	PS2801C-4-V-F3-A	PS2933-1-AX
PS2505L-4-A	PS2561FL-1Y-A	PS2701A-1-V-A	PS2805-1-A	PS2933-1-F3-AX
PS2513-1-A	PS2561FL-1Y-F3-A	PS2701A-1-V-F3-A	PS2805-1-F3-A	PS2933-1-V-F3-AX
PS2513L-1-A	PS2561L1-1-A	PS2701A-1Y-A	PS2805-4-A	PS2805A-4-A
PS2513L-1-F3-A	PS2561L1-1-V-A	PS2701A-1Y-F3-A	PS2805-4-F3-A	PS2805A-1-F3-A
PS2533-1-A	PS2561L-1-A	PS2701A-1Y-V-F3-A	PS2805C-1-A	PS2805A-1-A
PS2533-1-V-A	PS2561L-1-F3-A	PS2703-1-A	PS2805C-1-F3-A	PS9013-Y-F3-AX
PS2533L-1-A	PS2561L-1-V-A	PS2703-1-F3-A	PS2805C-1-V-F3-A	PS9013-Y-V-F3-AX
PS2533L-1-F3-A	PS2561L-1-V-F3-A	PS2703-1-V-A	PS2805C-4-A	PS9113-AX
PS2533L-1-V-A	PS2561L2-1-A	PS2703-1-V-F3-A	PS2805C-4-F3-A	PS9113-F3-AX
PS2533L-1-V-F3-A	PS2561L2-1-F3-A	PS2705-1-A	PS2805C-4-V-F3-A	PS9113-V-AX
PS2535-1-A	PS2561L2-1-V-A	PS2705-1-F3-A	PS2811-1-A	PS9113-V-F3-AX
PS2535-1-V-A	PS2561L2-1-V-F3-A	PS2705-1-V-F3-A	PS2811-1-F3-A	PS9303L2-AX
PS2535L-1-A	PS2565-1-A	PS2705A-1-A	PS2811-1-V-F3-A	PS9303L2-E3-AX
PS2535L-1-F3-A	PS2565-1-V-A	PS2705A-1-F3-A	PS2811-4-A	PS9303L2-V-AX
PS2535L-1-V-A	PS2565-1Y-A	PS2705A-1-V-A	PS2811-4-F3-A	PS9303L2-V-E3-AX
PS2535L-1-V-F3-A	PS2565-1Y-V-A	PS2705A-1-V-F3-A	PS2811-4-V-A	PS9303L-AX
PS2561-1-A	PS2565L1-1-A	PS2711-1-A	PS2811-4-V-F3-A	PS9303L-E3-AX
PS2561-1-V-A	PS2565L1-1-V-A	PS2711-1-F3-A	PS2815-1-A	PS9303L-V-AX
PS2561A-1-A	PS2565L1-1Y-A	PS2711-1-V-F3-A	PS2815-1-F3-A	PS9303L-V-E3-AX
PS2561A-1-V-A	PS2565L1-1Y-V-A	PS2715-1-A	PS2815-1-V-F3-A	PS9313L2-AX
PS2561AL1-1-A	PS2565L-1-A	PS2715-1-F3-A	PS2815-4-A	PS9313L2-E3-AX
PS2561AL1-1-V-A	PS2565L-1-F3-A	PS2733-1-A	PS2815-4-F3-A	PS9313L2-V-E3-AX
PS2561AL-1-A	PS2565L-1-V-A	PS2733-1-F3-A	PS2815-4-V-F3-A	PS9313L-AX
PS2561AL-1-F3-A	PS2565L-1-V-F3-A	PS2733-1-V-A	PS2833-1-A	PS9313L-E3-AX
PS2561AL-1-V-A	PS2565L-1Y-A	PS2733-1-V-F3-A	PS2833-1-F3-A	PS9313L-V-E3-AX
PS2561AL-1-V-F3-A	PS2565L-1Y-F3-A	PS2761B-1-A	PS2833-1-V-F3-A	PS9513-AX
PS2561AL2-1-A	PS2565L-1Y-V-A	PS2761B-1-F3-A	PS2833-4-A	PS9513L1-AX
PS2561AL2-1-F3-A	PS2565L-1Y-V-F3-A	PS2761B-1-V-A	PS2833-4-F3-A	PS9513L1-V-AX
PS2561AL2-1-V-A	PS2565L2-1-A	PS2761B-1-V-F3-A	PS2841-4A-AX	PS9513L2-AX
PS2561AL2-1-V-F3-A	PS2565L2-1-F3-A	PS2761B-1Y-F3-A	PS2841-4A-F3-AX	PS9513L2-E3-AX
PS2561B-1-A	PS2565L2-1-V-A	PS2761B-1Y-V-F3-A	PS2841-4B-AX	PS9513L2-V-AX
PS2561BL1-1-A	PS2565L2-1-V-F3-A	PS2801-1-A	PS2841-4B-F3-AX	PS9513L2-V-E3-AX

**Appendix: Future Part Number List (cont.)**

Booking Part Number			
PS9513L3-AX	PS2561L2-1-V-L-A	PS2561AL-1-F3-W-A	PS2561DL2-1Y-L-A
PS9513L3-E3-AX	PS2561L2-1-D-A	PS2561AL-1-F3-Q-A	PS2561DL2-1Y-F3-L-A
PS9513L3-V-AX	PS2561L1-1-V-Q-A	PS2561AL-1-F3-L-A	PS2561DL-1Y-V-H-A
PS9513L3-V-E3-AX	PS2561L1-1-V-H-A	PS2561A-1-V-L-A	PS2561DL-1Y-L-A
PS9513-V-AX	PS2561L1-1-V-D-A	PS2561A-1-V-H-A	PS2561DL-1Y-H-A
PS2913-1-V-F3-K-AX	PS2561L-1-W-A	PS2561-1-W-A	PS2561DL-1Y-F3-W-A
PS2913-1-M-AX	PS2561L-1-V-F3-W-A	PS2561-1-V-L-A	PS2561DL-1Y-F3-L-A
PS2913-1-K-AX	PS2561L-1-V-F3-L-A	PS2561-1-V-H-A	PS2561DL-1Y-F3-H-A
PS2913-1-F3-K-AX	PS2561L-1-V-D-A	PS2561-1-V-D-A	PS2561D-1Y-W-A
PS2911-1Y-V-F3-M-AX	PS2561L-1-L-A	PS2561-1-M-A	PS2561D-1Y-V-W-A
PS2911-1Y-V-F3-K-AX	PS2561L-1-F3-M-A	PS2561-1-H-A	PS2561D-1Y-V-L-A
PS2911-1-V-L-AX	PS2561FL-1Y-F3-K-A	PS2533L-1-K-A	PS2561D-1Y-V-H-A
PS2911-1-V-F3-L-AX	PS2561DL2-1Y-V-W-A	PS2533L-1-F3-K-A	PS2561D-1Y-L-A
PS2911-1-V-F3-K-AX	PS2561DL2-1Y-V-H-A	PS2503L-1-M-A	PS2561D-1Y-H-A
PS2911-1-M-AX	PS2561DL2-1Y-V-F3-L-A	PS2503L-1-L-A	PS2561BL-1-Q-A
PS2911-1-L-AX	PS2561DL2-1Y-V-F3-H-A	PS2503L-1-K-A	PS2561BL-1-F3-Q-A
PS2911-1-K-AX	PS2561DL2-1Y-F3-Q-A	PS2503-1-M-A	PS2561B-1-L-A
PS2911-1-F3-M-AX	PS2561DL2-1Y-F3-H-A	PS2503-1-L-A	PS2561AL2-1-V-W-A
PS2911-1-F3-L-AX	PS2561DL1-1Y-W-A	PS2503-1-K-A	PS2561AL2-1-V-F3-W-A
PS2911-1-F3-K-AX	PS2561DL1-1Y-V-H-A	PS2502L-1-L-A	PS2561AL2-1-V-F3-L-A
PS2801C-4-M-A	PS2561DL1-1Y-Q-A	PS2502-1-M-A	PS2561AL2-1-V-F3-H-A
PS2805C-4-M-A	PS2561DL1-1Y-N-A	PS2502-1-L-A	PS2561L2-1-V-F3-L-A
PS2805C-4-F3-M-A	PS2561DL1-1Y-L-A	PS2501L-1-M-A	PS2561L-1-V-H-A
PS2801C-4-F3-M-A	PS2561DL1-1Y-H-A	PS2501L-1-F3-M-A	PS2561AL1-1-L-A
PS2381-1Y-W-AX	PS2561DL-1Y-W-A	PS2501AL-1-Q-A	PS2561AL1-1-H-A
PS2381-1Y-M-AX	PS2561DL-1Y-V-W-A	PS2501AL-1-L-A	PS2561AL-1-H-A
PS2381-1Y-L-AX	PS2561DL-1Y-V-L-A	PS2501AL-1-H-A	PS2561AL-1-F3-H-A
PS2381-1Y-F3-W-AX	PS2561DL-1Y-V-F3-W-A	PS2501A-1-W-A	PS2561A-1-W-A
PS2381-1Y-F3-L-AX	PS2561DL-1Y-V-F3-L-A	PS2501A-1-L-A	PS2561A-1-H-A
PS2381-1Y-V-W-AX	PS2561DL-1Y-V-F3-H-A	PS2501A-1-H-A	PS2561-1-V-W-A
PS2381-1Y-V-M-AX	PS2561DL-1Y-Q-A	PS2581L2-F3-L-A	PS2561-1-L-A
PS2381-1Y-V-L-AX	PS2561DL-1Y-F3-Q-A	PS2581L1-L-A	PS2561-1-D-A
PS2381-1Y-V-F3-W-AX	PS2561BL2-1-V-Q-A	PS2581L1-H-A	PS2503L-1-F3-L-A
PS2381-1Y-V-F3-M-AX	PS2561BL1-1-W-A	PS2581AL2-F3-Q-A	PS2502L-1-K-A
PS2381-1Y-V-F3-L-AX	PS2561BL1-1-Q-A	PS2562L-1-F3-K-A	PS2502L-1-F3-K-A
PS2561DL2-1Y-H-A	PS2561BL1-1-L-A	PS2562-1-L-A	PS2502-1-K-A
PS2581L2-W-A	PS2561BL1-1-D-A	PS2561L2-1-V-H-A	PS2501L-1-W-A
PS2581L2-H-A	PS2561BL-1-W-A	PS2561L1-1-L-A	PS2501L-1-Q-A
PS2581L2-D-A	PS2561B-1-W-A	PS2561L1-1-H-A	PS2501L-1-L-A
PS2581AL2-W-A	PS2561B-1-Q-A	PS2561L-1-H-A	PS2501L-1-K-A
PS2581AL2-Q-A	PS2561B-1-D-A	PS2561L-1-F3-W-A	PS2501L-1-H-A
PS2581AL1-W-A	PS2561AL2-1-V-H-A	PS2561L-1-F3-L-A	PS2501L-1-F3-L-A
PS2565L-1-K-A	PS2561AL2-1-Q-A	PS2561L-1-F3-H-A	PS2501L-1-F3-K-A
PS2565L-1-F3-K-A	PS2561AL2-1-H-A	PS2561FL-1Y-K-A	PS2501L-1-F3-H-A
PS2562L2-1-K-A	PS2561AL1-1-V-W-A	PS2561F-1Y-K-A	PS2501L-1-F3-D-A
PS2562L1-1-K-A	PS2561AL-1-V-F3-L-A	PS2561DL2-1Y-V-Q-A	PS2501AL-1-W-A
PS2562L-1-V-F3-K-A	PS2561AL-1-V-F3-H-A	PS2561DL2-1Y-V-F3-W-A	PS2501AL-1-F3-W-A
PS2562L-1-F3-L-A	PS2561AL-1-N-A	PS2561DL2-1Y-Q-A	PS2501AL-1-F3-L-A

**Appendix: Future Part Number List (cont.)**

Booking Part Number			
PS2501AL-1-F3-H-A	PS2761B-1-F3-L-A	PS2705-1-M-A	PS2805C-1-F3-M-A
PS2501A-1-Q-A	PS2711-1-M-A	PS2705-1-L-A	PS2802-1-F3-K-A
PS2501-1-W-A	PS2711-1-L-A	PS2702-1-K-A	PS2801C-1-P-A
PS2501-1-Q-A	PS2711-1-K-A	PS2702-1-F3-L-A	PS2801C-1-M-A
PS2501-1-M-A	PS2711-1-F3-M-A	PS2701A-1-P-A	PS2801C-1-L-A
PS2501-1-L-A	PS2711-1-F3-L-A	PS2701A-1-M-A	PS2801C-1-F3-P-A
PS2501-1-K-A	PS2711-1-F3-K-A	PS2701A-1-L-A	PS2801C-1-F3-M-A
PS2501-1-H-A	PS2705A-1-L-A	PS2815-1-L-A	PS2801C-1-F3-L-A
PS2501-1-D-A	PS2705A-1-F3-L-A	PS2815-1-F3-L-A	PS2801A-1-L-A
PS2761B-1-M-A	PS2705-1-F3-L-A	PS2811-1-V-L-A	PS2801A-1-F3-P-A
PS2761B-1-L-A	PS2703-1-M-A	PS2811-1-V-F3-L-A	PS2801A-1-F3-L-A
PS2711-1-V-M-A	PS2703-1-K-A	PS2805C-1-M-A	PS2801-1-V-F3-Y-A
PS2705A-1-F3-M-A	PS2703-1-F3-L-A	PS2805-1-L-A	PS2801-1-P-A
PS2705-1-V-F3-L-A	PS2703-1-F3-K-A	PS2802-1-M-A	PS2801-1-L-A
PS2705-1-F3-M-A	PS2702-1-L-A	PS2802-1-L-A	PS2801-1-K-A
PS2703-1-V-F3-K-A	PS2702-1-F3-K-A	PS2802-1-K-A	PS2801-1-F3-P-A
PS2703-1-L-A	PS2701A-1-V-F3-P-A	PS2802-1-F3-L-A	PS2801-1-F3-L-A
PS2703-1-F3-M-A	PS2701A-1-F3-P-A	PS2801C-1-V-F3-P-A	PS2801-1-F3-K-A
PS2702-1-V-F3-K-A	PS2701A-1-F3-L-A	PS2801C-1-V-F3-L-A	PS2861B-1Y-V-L-A
PS2702-1-F3-M-A	PS2701-1-V-F3-M-A	PS2801A-1-P-A	PS2861B-1Y-V-F3-M-A
PS2701A-1-V-F3-M-A	PS2701-1-P-A	PS2801-1-V-F3-P-A	PS2861B-1Y-V-F3-L-A
PS2701A-1-F3-M-A	PS2701-1-M-A	PS2801-1-F4-P-A	PS2861B-1Y-M-A
PS2701-1-V-M-A	PS2701-1-L-A	PS2811-1-M-A	PS2861B-1Y-L-A
PS2701-1-V-F3-P-A	PS2701-1-F3-P-A	PS2811-1-L-A	PS2861B-1Y-F3-M-A
PS2701-1-V-F3-L-A	PS2701-1-F3-M-A	PS2811-1-K-A	PS2861B-1Y-F3-L-A
PS2701-1-V-F3-H-A	PS2701-1-F3-L-A	PS2811-1-F3-M-A	PS2761B-1-L-A
PS2701-1-H-A	PS2701-1-F3-H-A	PS2811-1-F3-L-A	PS2761B-1-M-A
PS2701-1-V-F3-Y-A	PS2761B-1-V-F3-K-A	PS2811-1-F3-K-A	