

PCN# : [RL-BB-23-0057]

Product Change Notice (PCN)

Subject: Addition of back-end production for general-purpose linear IC products (MSOP package products)

Publication Date: 6/30/2023 Effective Date: 1/26/2024

Revision Description:

Initial Release

Description of Change:

This notice is to propose the addition of a Back-End Factory.

< Products >

Operational amplifier ICs, Comparator ICs, Reset ICs (MSOP package products)

< Production site >

	Production site
Back-end production	HCA: HIGH COMPONENTS AOMORI CO.,LTD. (Japan)
Additional plant	

< Material >

Some materials are different, but this material has been mass-produced.

Material	Current products	HCA products
Lead frame	Cu-based	Cu-based
Resin	Epoxy Resin	Epoxy Resin (Halogen Free)
Plating	Sn-Bi	Sn-Bi
Wire	Au(23um)	Au(20um)

Affected Product List:

Arrected Product List.				
No	Part number			
1	UPC1251AMP(30)-KAA-E1-A			
2	UPC1251AMP(30)-KAA-E2-A			
3	UPC1251EMP(30)-KAA-E2-A			
4	UPC1251EMP(38)-KAA-E2-A			
5	UPC1251EMP(92)-KAA-E2-A			
6	UPC1251EMP(93)-KAA-E2-A			
7	UPC1251MP(30)-KAA-E1-A			
8	UPC1251MP(30)-KAA-E2-A			
9	UPC1251MP(31)-KAA-E1-A			
10	UPC1251MP(38)-KAA-E1-A			
11	UPC1251MP(38)-KAA-E2-A			
12	UPC1251MP(92)-KAA-E2-A			
13	UPC1251MP(93)-KAA-E2-A			
14	UPC1251MP-KAA-E1-A			
15	UPC1251MP-KAA-E2-A			
16	UPC277MP(20)-KAA-E1-A			
17	UPC277MP(30)-KAA-E1-A			
18	UPC277MP(30)-KAA-E2-A			
19	UPC277MP(31)-KAA-E1-A			
20	UPC277MP(38)-KAA-E2-A			
21	UPC277MP(92)-KAA-E2-A			
22	UPC277MP-KAA-E1-A			
23	UPC277MP-KAA-E2-A			
24	UPC842AMP(20)-KAA-E1-A			
25	UPC842AMP(20)-KAA-E2-A			
26	UPC842AMP(21)-KAA-E1-A			
27	UPC842AMP(21)-KAA-E2-A			
28	UPC842AMP(91)-KAA-E1-A			
29	UPC842AMP(91)-KAA-E2-A			
30	REAC1251GSN#GC0			
31	REAC1251JSN#GC0			
32	REAC1251JSN#GC1			
33	REAC1251JSN#GC2			
34	REAC1251JSN#HC0			
35	REAC1251JSN#HC1			
36	REAC1251JSN#HC2			
37	REAC1251JSN#HC3			
38	REAC1251JSN#HC4			
39	REAC1251JSN#HC5			
40	READ2303GSN#GC0			
41	READ2304GSN#GC0			
42	REAR56953AJSN#HC1			
43	REAR56953BJSN#HC1			
44	REAR56957AJSN#HC1			
45	REAR56957BJSN#HC1			
46	REAR56958BJSN#HC1			

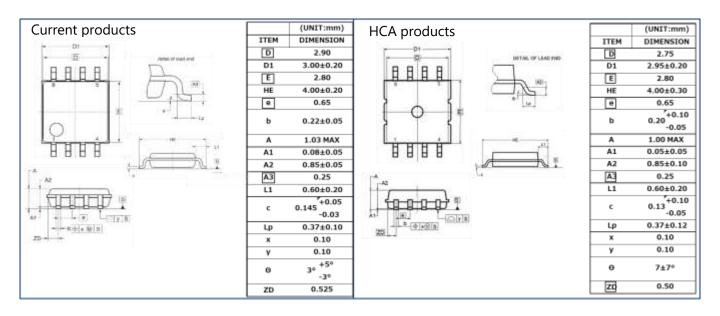
Reason for Change:

For stable supply.

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

< Form >

There are some dimensional differences in the outline drawing, but the recommended foot pattern remains the same.

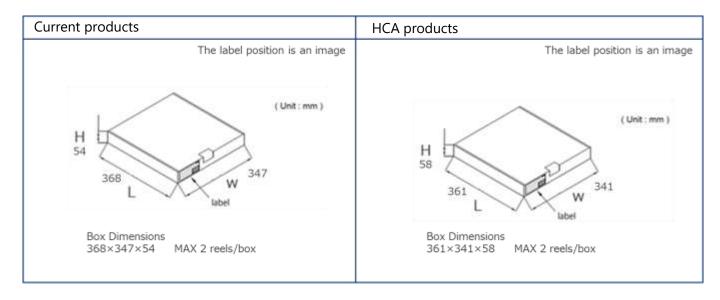


< Packaging >

The size of the tape packaging box is different as follows.

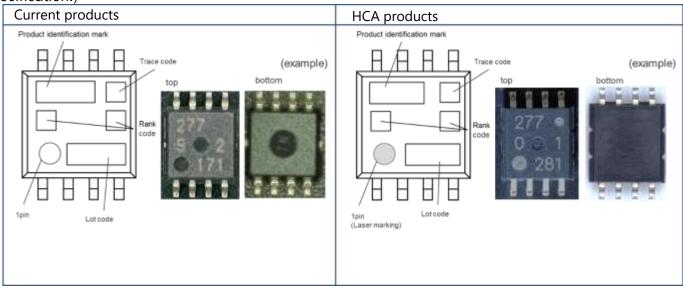
This is standard specifications that have been mass-produced.

Current products (L \times W \times H)	HCA products $(L \times W \times H)$
$368 \times 347 \times 54$ (mm)	$361 \times 341 \times 58$ (mm)



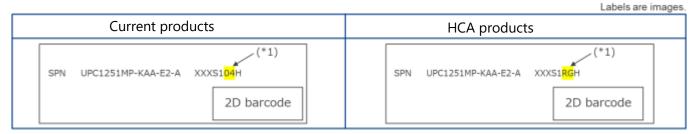
Product Identification:

The appearance of the marking/outline (typeface, 1-pin mark, surface finish, etc.) is different, but the marking/outline information is the same. (There is no change in the marking drawing of the delivery specification.)

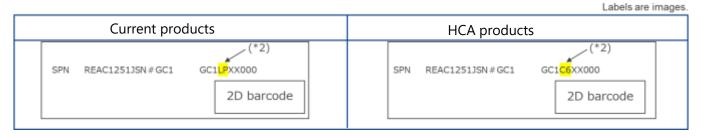


Production sites can be identified by labels (reels, packaging boxes).

Examples of products beginning with UPC (*1) characters: $04 \rightarrow RG$



Examples of products beginning with REAx (*2) characters: LP \rightarrow C6



Qualification Status: Available from 7/15/2023.

Sample Availability Date: 6/30/2023

Device Material Declaration: Please contact your sales representative.

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.