

Product Change Notice (PCN)

Subject: Notice of Change in Wire and Die Bonding Materials for RX63T (LFQFP-100/144) Products

Publication Date: 8/25/2023

Scheduled Shipping Date: 1/1/2024

Revision History: Initial release

Description of Change:

- Affected products: RX63T Group LFQFP-100/LFQFP-144 products
- Affected assembly and test fab: Renesas Semiconductor (Beijing) Co., Ltd (herein referred to as "RSB")
- Changes: We will change the wire and die bonding materials.

The materials to be changed are those that have been used in the RSB assembly.

Target Package	Wire Material		Die Bonding Material	
	Before change	After change	Before change	After change
LFQFP-100	Gold wire (Au)	Copper wire (Cu)	Die bonding material A	Die bonding material B
LFQFP-144	Gold wire (Au)	Copper wire (Cu)	No change	No change

Affected Product List:

See the appendix "List of Part Numbers".

Reason for Change:

To ensure a stable supply and to improve productivity.

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

This change will not affect fitting, form, function, quality, and reliability.

Product Identification:

Our production history data can be queried by using the trace code of the product.

Qualification Status: Reliability data can be provided.

Sample Availability Date: 2/1/2024

Device Material Declaration: Please contact our sales representatives or distributors.

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.

Appendix List of Part Numbers

No.	Part Number	Wire Material	Die Bonding Material	Package Type
1	R5F563TBADFP#H1	Changed	Changed	LFQFP-100
2	R5F563TBADFP#V0	Changed	Changed	LFQFP-100
3	R5F563TBADFP#V1	Changed	Changed	LFQFP-100
4	R5F563TBBDFF#V1	Changed	Changed	LFQFP-100
5	R5F563TBDDFP#H0	Changed	Changed	LFQFP-100
6	R5F563TBDDFP#H1	Changed	Changed	LFQFP-100
7	R5F563TBDDFP#V0	Changed	Changed	LFQFP-100
8	R5F563TBDDFP#V1	Changed	Changed	LFQFP-100
9	R5F563TBEDFP#H0	Changed	Changed	LFQFP-100
10	R5F563TBEDFP#V0	Changed	Changed	LFQFP-100
11	R5F563TCADFP#H1	Changed	Changed	LFQFP-100
12	R5F563TCADFP#V1	Changed	Changed	LFQFP-100
13	R5F563TCBDFP#V1	Changed	Changed	LFQFP-100
14	R5F563TCDDFP#H1	Changed	Changed	LFQFP-100
15	R5F563TCDDFP#V0	Changed	Changed	LFQFP-100
16	R5F563TCDDFP#V1	Changed	Changed	LFQFP-100
17	R5F563TCEDFP#H1	Changed	Changed	LFQFP-100
18	R5F563TCEDFP#V1	Changed	Changed	LFQFP-100
19	R5F563TEADFP#H0	Changed	Changed	LFQFP-100
20	R5F563TEADFP#H1	Changed	Changed	LFQFP-100
21	R5F563TEADFP#V0	Changed	Changed	LFQFP-100
22	R5F563TEADFP#V1	Changed	Changed	LFQFP-100
23	R5F563TEBDFP#H1	Changed	Changed	LFQFP-100
24	R5F563TEBDFP#V0	Changed	Changed	LFQFP-100
25	R5F563TEBDFP#V1	Changed	Changed	LFQFP-100
26	R5F563TEDDFP#H1	Changed	Changed	LFQFP-100
27	R5F563TEDDFP#V0	Changed	Changed	LFQFP-100
28	R5F563TEDDFP#V1	Changed	Changed	LFQFP-100
29	R5F563TEEDFP#H0	Changed	Changed	LFQFP-100
30	R5F563TEEDFP#V0	Changed	Changed	LFQFP-100
31	R5F563TEEDFP#V1	Changed	Changed	LFQFP-100
32	R5F563TBADFB#V1	Changed	—	LFQFP-144
33	R5F563TBBDFF#V1	Changed	—	LFQFP-144
34	R5F563TBDDFB#H1	Changed	—	LFQFP-144
35	R5F563TBDDFB#V0	Changed	—	LFQFP-144
36	R5F563TBDDFB#V1	Changed	—	LFQFP-144
37	R5F563TBEDFB#V0	Changed	—	LFQFP-144
38	R5F563TCADFB#V1	Changed	—	LFQFP-144
39	R5F563TCBDFB#V1	Changed	—	LFQFP-144
40	R5F563TCDDFB#V0	Changed	—	LFQFP-144
41	R5F563TCEDFB#V0	Changed	—	LFQFP-144
42	R5F563TEADFB#H0	Changed	—	LFQFP-144
43	R5F563TEADFB#H1	Changed	—	LFQFP-144
44	R5F563TEADFB#V0	Changed	—	LFQFP-144
45	R5F563TEADFB#V1	Changed	—	LFQFP-144
46	R5F563TEBDFB#H0	Changed	—	LFQFP-144
47	R5F563TEBDFB#H1	Changed	—	LFQFP-144
48	R5F563TEBDFB#V0	Changed	—	LFQFP-144
49	R5F563TEBDFB#V1	Changed	—	LFQFP-144
50	R5F563TEDDFB#H0	Changed	—	LFQFP-144
51	R5F563TEDDFB#H1	Changed	—	LFQFP-144
52	R5F563TEDDFB#V0	Changed	—	LFQFP-144
53	R5F563TEDDFB#V1	Changed	—	LFQFP-144
54	R5F563TEEDFB#H0	Changed	—	LFQFP-144
55	R5F563TEEDFB#V0	Changed	—	LFQFP-144