



Product Change Notice (PCN)

Subject: Notice of Change of Die-Bond Material for RA, SYNERGY and RX Surface-Mount Package Products

Publication Date: 11/26/2024

Effective Date: 3/1/2025

Revision Description: Initial release

Description of Change:

Applicable products: RA6M3, SYNERGY-S5D9, SYNERGY-S7G2 LQFP products
and RX62x, RX64M, RX71M LFQPF/LQFP products

The back-end factory: Renesas Semiconductor (Suzhou) Co., Ltd (“Suzhou”)

Changes: The die-bond material will be changed.

The new die-bond material is a proven one for mass production at “Suzhou”.

Affected Product List:

Refer to the Product List in the appendix below.

Reason for Change:

To change to an alternate material due to the termination of supply of the material by the die-bond materials manufacturer.

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:

The reliability test has been completed.

Please contact our sales representatives or distributors.

Sample Availability Date: Not applicable.

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: Product List

NO.	Part Number	Package Type	Number of Pins	Family
1	R7FA6M3AF3CFC#AA0	LQFP	176	RA6M3
2	R7FA6M3AH3CFC#AA0	LQFP	176	RA6M3
3	R7FS5D97C3A01CFC#AA0	LQFP	176	SYNERGY-S5D9
4	R7FS5D97C3A01CFC#BA0	LQFP	176	SYNERGY-S5D9
5	R7FS5D97E3A01CFC#AA0	LQFP	176	SYNERGY-S5D9
6	R7FS5D97E3A01CFC#BA0	LQFP	176	SYNERGY-S5D9
7	R7FS7G27G3A01CFC#AA0	LQFP	176	SYNERGY-S7G2
8	R7FS7G27G3A01CFC#BA0	LQFP	176	SYNERGY-S7G2
9	R7FS7G27H3A01CFC#AA0	LQFP	176	SYNERGY-S7G2
10	R7FS7G27H3A01CFC#BA0	LQFP	176	SYNERGY-S7G2
11	R5F56216BDFP#H0	LFQFP	100	RX
12	R5F56216BDFP#V0	LFQFP	100	RX
13	R5F56217BDFP#H0	LFQFP	100	RX
14	R5F56217BDFP#V0	LFQFP	100	RX
15	R5F56218BDFP#H0	LFQFP	100	RX
16	R5F56218BDFP#V0	LFQFP	100	RX
17	R5F562G7ADFP#V3	LFQFP	100	RX
18	R5F562G7AGFP#V3	LFQFP	100	RX
19	R5F562G7DDFP#V1	LFQFP	100	RX
20	R5F562G7DDFP#V3	LFQFP	100	RX
21	R5F562GAADFP#V1	LFQFP	100	RX
22	R5F562GAADFP#V3	LFQFP	100	RX
23	R5F562GAAGFP#V3	LFQFP	100	RX
24	R5F562GABDFP#V1	LFQFP	100	RX
25	R5F562GADDFP#V1	LFQFP	100	RX
26	R5F562GADDFP#V3	LFQFP	100	RX
27	R5F562GAEDFP#V1	LFQFP	100	RX
28	R5F562N7ADFP#H0	LFQFP	100	RX
29	R5F562N7ADFP#V0	LFQFP	100	RX
30	R5F562N7BDFP#H0	LFQFP	100	RX
31	R5F562N7BDFP#V0	LFQFP	100	RX
32	R5F562N8ADFP#H0	LFQFP	100	RX
33	R5F562N8ADFP#V0	LFQFP	100	RX
34	R5F562N8BDFP#H0	LFQFP	100	RX
35	R5F562N8BDFP#V0	LFQFP	100	RX
36	R5F562T6ADFF#V1	LQFP	80	RX
37	R5F562T6ADFF#V3	LQFP	80	RX
38	R5F562T6ADFK#V3	LQFP	64	RX
39	R5F562T6ADFM#V1	LFQFP	64	RX
40	R5F562T6ADFM#V3	LFQFP	64	RX
41	R5F562T6AGFF#V3	LQFP	80	RX
42	R5F562T6AGFK#V3	LQFP	64	RX
43	R5F562T6AGFM#H3	LFQFP	64	RX
44	R5F562T6AGFM#V3	LFQFP	64	RX
45	R5F562T6BDFF#V3	LQFP	80	RX
46	R5F562T6BDFK#V3	LQFP	64	RX
47	R5F562T6BDFM#V1	LFQFP	64	RX
48	R5F562T6BDFM#V3	LFQFP	64	RX
49	R5F562T6BGFF#V3	LQFP	80	RX
50	R5F562T6BGFK#V3	LQFP	64	RX
51	R5F562T6BGFM#V3	LFQFP	64	RX
52	R5F562T6DDFF#H1	LQFP	80	RX
53	R5F562T6DDFF#H3	LQFP	80	RX
54	R5F562T6DDFF#V1	LQFP	80	RX
55	R5F562T6DDFF#V3	LQFP	80	RX
56	R5F562T6DDFK#V3	LQFP	64	RX
57	R5F562T6DDFM#V1	LFQFP	64	RX
58	R5F562T6DDFM#V3	LFQFP	64	RX
59	R5F562T6EDFF#V3	LQFP	80	RX

NO.	Part Number	Package Type	Number of Pins	Family
60	R5F562T6EDFK#V3	LQFP	64	RX
61	R5F562T6EDFM#V1	LFQFP	64	RX
62	R5F562T6EDFM#V3	LFQFP	64	RX
63	R5F562T6GDFF#V3	LQFP	80	RX
64	R5F562T6HDFF#V3	LQFP	80	RX
65	R5F562T7ADFF#H1	LQFP	80	RX
66	R5F562T7ADFF#V1	LQFP	80	RX
67	R5F562T7ADFF#V3	LQFP	80	RX
68	R5F562T7ADFK#V3	LQFP	64	RX
69	R5F562T7ADFM#V1	LFQFP	64	RX
70	R5F562T7ADFM#V3	LFQFP	64	RX
71	R5F562T7ADFP#V1	LFQFP	100	RX
72	R5F562T7ADFP#V3	LFQFP	100	RX
73	R5F562T7AGFF#V3	LQFP	80	RX
74	R5F562T7AGFK#V3	LQFP	64	RX
75	R5F562T7AGFM#V3	LFQFP	64	RX
76	R5F562T7AGFP#V3	LFQFP	100	RX
77	R5F562T7BDFF#V3	LQFP	80	RX
78	R5F562T7BDFK#V3	LQFP	64	RX
79	R5F562T7BDFM#V3	LFQFP	64	RX
80	R5F562T7BDFP#V3	LFQFP	100	RX
81	R5F562T7BGFF#V3	LQFP	80	RX
82	R5F562T7BGFK#V3	LQFP	64	RX
83	R5F562T7BGFM#V3	LFQFP	64	RX
84	R5F562T7BGFP#V3	LFQFP	100	RX
85	R5F562T7DDFF#H1	LQFP	80	RX
86	R5F562T7DDFF#H3	LQFP	80	RX
87	R5F562T7DDFF#V1	LQFP	80	RX
88	R5F562T7DDFF#V3	LQFP	80	RX
89	R5F562T7DDFK#V1	LQFP	64	RX
90	R5F562T7DDFK#V3	LQFP	64	RX
91	R5F562T7DDFM#V1	LFQFP	64	RX
92	R5F562T7DDFM#V3	LFQFP	64	RX
93	R5F562T7DDFP#V1	LFQFP	100	RX
94	R5F562T7DDFP#V3	LFQFP	100	RX
95	R5F562T7EDFF#V3	LQFP	80	RX
96	R5F562T7EDFK#V3	LQFP	64	RX
97	R5F562T7EDFM#V1	LFQFP	64	RX
98	R5F562T7EDFM#V3	LFQFP	64	RX
99	R5F562T7EDFP#V3	LFQFP	100	RX
100	R5F562T7GDFF#H3	LQFP	80	RX
101	R5F562T7GDFF#V1	LQFP	80	RX
102	R5F562T7GDFF#V3	LQFP	80	RX
103	R5F562T7HDFF#V3	LQFP	80	RX
104	R5F562TAAD***FM#H3	LFQFP	64	RX
105	R5F562TAAD***FM#V3	LFQFP	64	RX
106	R5F562TAAD***FP#V3	LFQFP	100	RX
107	R5F562TAADFF#H1	LQFP	80	RX
108	R5F562TAADFF#H3	LQFP	80	RX
109	R5F562TAADFF#V1	LQFP	80	RX
110	R5F562TAADFF#V3	LQFP	80	RX
111	R5F562TAADFK#V1	LQFP	64	RX
112	R5F562TAADFK#V3	LQFP	64	RX
113	R5F562TAADFM#V1	LFQFP	64	RX
114	R5F562TAADFM#V3	LFQFP	64	RX
115	R5F562TAADFP#V1	LFQFP	100	RX
116	R5F562TAADFP#V3	LFQFP	100	RX
117	R5F562TAAGFF#V3	LQFP	80	RX
118	R5F562TAAGFK#V3	LQFP	64	RX
119	R5F562TAAGFM#V3	LFQFP	64	RX

NO.	Part Number	Package Type	Number of Pins	Family
120	R5F562TAAGFP#V3	LFQFP	100	RX
121	R5F562TABDFF#V1	LQFP	80	RX
122	R5F562TABDFF#V3	LQFP	80	RX
123	R5F562TABDFK#V1	LQFP	64	RX
124	R5F562TABDFK#V3	LQFP	64	RX
125	R5F562TABDFM#V1	LFQFP	64	RX
126	R5F562TABDFM#V3	LFQFP	64	RX
127	R5F562TABDFP#V1	LFQFP	100	RX
128	R5F562TABDFP#V3	LFQFP	100	RX
129	R5F562TABGFF#V3	LQFP	80	RX
130	R5F562TABGFK#V3	LQFP	64	RX
131	R5F562TABGFM#V3	LFQFP	64	RX
132	R5F562TABGFP#V3	LFQFP	100	RX
133	R5F562TADD***FP#H1	LFQFP	100	RX
134	R5F562TADD***FP#V1	LFQFP	100	RX
135	R5F562TADDF#H3	LQFP	80	RX
136	R5F562TADDF#V1	LQFP	80	RX
137	R5F562TADDF#V3	LQFP	80	RX
138	R5F562TADDF#XE	LQFP	80	RX
139	R5F562TADDFK#V3	LQFP	64	RX
140	R5F562TADDFM#V1	LFQFP	64	RX
141	R5F562TADDFM#V3	LFQFP	64	RX
142	R5F562TADDFP#V1	LFQFP	100	RX
143	R5F562TADDFP#V2	LFQFP	100	RX
144	R5F562TADDFP#V3	LFQFP	100	RX
145	R5F562TAEDFF#V3	LQFP	80	RX
146	R5F562TAEDFK#V3	LQFP	64	RX
147	R5F562TAEDFM#V1	LFQFP	64	RX
148	R5F562TAEDFM#V3	LFQFP	64	RX
149	R5F562TAEDFP#V1	LFQFP	100	RX
150	R5F562TAEDFP#V3	LFQFP	100	RX
151	R5F562TAGDFF#H3	LQFP	80	RX
152	R5F562TAGDFF#V3	LQFP	80	RX
153	R5F562TAGGFF#V3	LQFP	80	RX
154	R5F562TAHDFF#V3	LQFP	80	RX
155	R5F564MFCDFC#11	LFQFP	176	RX
156	R5F564MFCDFC#31	LFQFP	176	RX
157	R5F564MFCGFC#V1	LFQFP	176	RX
158	R5F564MFDDFC#11	LFQFP	176	RX
159	R5F564MFDDFC#31	LFQFP	176	RX
160	R5F564MFDGFC#V1	LFQFP	176	RX
161	R5F564MFGDFC#11	LFQFP	176	RX
162	R5F564MFGDFC#31	LFQFP	176	RX
163	R5F564MFGGFC#V1	LFQFP	176	RX
164	R5F564MFHDFC#11	LFQFP	176	RX
165	R5F564MFHDFC#31	LFQFP	176	RX
166	R5F564MFHGFC#V1	LFQFP	176	RX
167	R5F564MGCDFC#11	LFQFP	176	RX
168	R5F564MGCDFC#31	LFQFP	176	RX
169	R5F564MGCFC#V1	LFQFP	176	RX
170	R5F564MGDDFC#11	LFQFP	176	RX
171	R5F564MGDDFC#31	LFQFP	176	RX
172	R5F564MGDGFC#V1	LFQFP	176	RX
173	R5F564MGGDFC#11	LFQFP	176	RX
174	R5F564MGGDFC#31	LFQFP	176	RX
175	R5F564MGGFC#V1	LFQFP	176	RX
176	R5F564MGHDFC#11	LFQFP	176	RX
177	R5F564MGHDFC#31	LFQFP	176	RX
178	R5F564MGHGFC#V1	LFQFP	176	RX
179	R5F564MJCDFC#11	LFQFP	176	RX

NO.	Part Number	Package Type	Number of Pins	Family
180	R5F564MJCDFC#31	LFQFP	176	RX
181	R5F564MJCGFC#V1	LFQFP	176	RX
182	R5F564MJDDFC#11	LFQFP	176	RX
183	R5F564MJDDFC#31	LFQFP	176	RX
184	R5F564MJDGFC#V1	LFQFP	176	RX
185	R5F564MJGDFC#11	LFQFP	176	RX
186	R5F564MJGDFC#31	LFQFP	176	RX
187	R5F564MJGGFC#V1	LFQFP	176	RX
188	R5F564MJHDFC#11	LFQFP	176	RX
189	R5F564MJHDFC#31	LFQFP	176	RX
190	R5F564MJHGFC#V1	LFQFP	176	RX
191	R5F564MLCDFC#11	LFQFP	176	RX
192	R5F564MLCDFC#31	LFQFP	176	RX
193	R5F564MLCGFC#V1	LFQFP	176	RX
194	R5F564MLDDFC#11	LFQFP	176	RX
195	R5F564MLDDFC#31	LFQFP	176	RX
196	R5F564MLDGFC#V1	LFQFP	176	RX
197	R5F564MLGDFC#11	LFQFP	176	RX
198	R5F564MLGDFC#31	LFQFP	176	RX
199	R5F564MLGGFC#V1	LFQFP	176	RX
200	R5F564MLHDFC#11	LFQFP	176	RX
201	R5F564MLHDFC#31	LFQFP	176	RX
202	R5F564MLHGFC#V1	LFQFP	176	RX
203	R5F571MFCDFC#10	LFQFP	176	RX
204	R5F571MFCDFC#30	LFQFP	176	RX
205	R5F571MFCGFC#V0	LFQFP	176	RX
206	R5F571MFDDFC#10	LFQFP	176	RX
207	R5F571MFDDFC#30	LFQFP	176	RX
208	R5F571MFDGFC#V0	LFQFP	176	RX
209	R5F571MFGDFC#10	LFQFP	176	RX
210	R5F571MFGDFC#30	LFQFP	176	RX
211	R5F571MFGGFC#V0	LFQFP	176	RX
212	R5F571MFHDFC#10	LFQFP	176	RX
213	R5F571MFHDFC#30	LFQFP	176	RX
214	R5F571MFHGFC#V0	LFQFP	176	RX
215	R5F571MGCDFC#10	LFQFP	176	RX
216	R5F571MGCDFC#30	LFQFP	176	RX
217	R5F571MGCGFC#V0	LFQFP	176	RX
218	R5F571MGDDFC#10	LFQFP	176	RX
219	R5F571MGDDFC#30	LFQFP	176	RX
220	R5F571MGDGFC#V0	LFQFP	176	RX
221	R5F571MGGDFC#10	LFQFP	176	RX
222	R5F571MGGDFC#30	LFQFP	176	RX
223	R5F571MGGGFC#V0	LFQFP	176	RX
224	R5F571MGHDFC#10	LFQFP	176	RX
225	R5F571MGHDFC#30	LFQFP	176	RX
226	R5F571MGHGFC#V0	LFQFP	176	RX
227	R5F571MJCDFC#10	LFQFP	176	RX
228	R5F571MJCDFC#30	LFQFP	176	RX
229	R5F571MJCGFC#V0	LFQFP	176	RX
230	R5F571MJDDFC#10	LFQFP	176	RX
231	R5F571MJDDFC#30	LFQFP	176	RX
232	R5F571MJDGFC#V0	LFQFP	176	RX
233	R5F571MJGDFC#10	LFQFP	176	RX
234	R5F571MJGDFC#30	LFQFP	176	RX
235	R5F571MJGGFC#V0	LFQFP	176	RX
236	R5F571MJHDFC#10	LFQFP	176	RX
237	R5F571MJHDFC#30	LFQFP	176	RX
238	R5F571MJHGFC#V0	LFQFP	176	RX
239	R5F571MLCDFC#10	LFQFP	176	RX

NO.	Part Number	Package Type	Number of Pins	Family
240	R5F571MLCDFC#30	LFQFP	176	RX
241	R5F571MLCGFC#H0	LFQFP	176	RX
242	R5F571MLCGFC#V0	LFQFP	176	RX
243	R5F571MLDDFC#10	LFQFP	176	RX
244	R5F571MLDDFC#30	LFQFP	176	RX
245	R5F571MLDGFC#V0	LFQFP	176	RX
246	R5F571MLGDFC#10	LFQFP	176	RX
247	R5F571MLGDFC#30	LFQFP	176	RX
248	R5F571MLGGFC#V0	LFQFP	176	RX
249	R5F571MLHDFC#10	LFQFP	176	RX
250	R5F571MLHDFC#30	LFQFP	176	RX
251	R5F571MLHGFC#V0	LFQFP	176	RX