

Product Advisory (PA)

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

Publication Date: 3/24/2025

Effective Date: 9/1/2025

Revision Description: initial release

Description of Change:

Applicable products: RA RX family LQFP/LFQFP products

The back-end factory: Renesas Electronics Corporation Beijing Factory ("Beijing")

Changes: The die-bond material will be changed.

The new die-bond material is a proven one for mass production at "Beijing"

Affected Product List:

Refer to the Product List in the appendix below.

Reason for Change:

To ensure a stable supply.

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 refer to the attached supplementary materials.

Sample Availability Date: Not applicable

Device Material Declaration:

Please contact our sales representatives or distributors.

Note :

Questions or requests pertaining to this change notice, including additional data or samples, must be sent to Renesas within 30 days of the publication date.

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	R5F566NDDDFB#10	LFQFP	144	RX
2	R5F566NDDDFB#30	LFQFP	144	RX
3	R5F566NDDDFP#10	LFQFP	100	RX
4	R5F566NDDDFP#30	LFQFP	100	RX
5	R5F566NDDDFP#70	LFQFP	100	RX
6	R5F566NDDGFB#10	LFQFP	144	RX
7	R5F566NDDGFB#30	LFQFP	144	RX
8	R5F566NDDGFP#10	LFQFP	100	RX
9	R5F566NDDGFP#30	LFQFP	100	RX
10	R5F566NDHDFB#10	LFQFP	144	RX
11	R5F566NDHDFB#30	LFQFP	144	RX
12	R5F566NDHDFP#10	LFQFP	100	RX
13	R5F566NDHDFP#30	LFQFP	100	RX
14	R5F566NDHGFB#10	LFQFP	144	RX
15	R5F566NDHGFB#30	LFQFP	144	RX
16	R5F566NDHGFP#10	LFQFP	100	RX
17	R5F566NDHGFP#30	LFQFP	100	RX
18	R5F566NNDDFB#10	LFQFP	144	RX
19	R5F566NNDDFB#30	LFQFP	144	RX
20	R5F566NNDDFB#70	LFQFP	144	RX
21	R5F566NNDDFP#10	LFQFP	100	RX
22	R5F566NNDDFP#30	LFQFP	100	RX
23	R5F566NNDDFP#70	LFQFP	100	RX
24	R5F566NNDGFB#10	LFQFP	144	RX
25	R5F566NNDGFB#30	LFQFP	144	RX
26	R5F566NNDGFP#10	LFQFP	100	RX
27	R5F566NNDGFP#30	LFQFP	100	RX
28	R5F566NNDGFP#70	LFQFP	100	RX
29	R5F566NNHDFB#10	LFQFP	144	RX
30	R5F566NNHDFB#30	LFQFP	144	RX
31	R5F566NNHDFB#70	LFQFP	144	RX
32	R5F566NNHDFP#10	LFQFP	100	RX
33	R5F566NNHDFP#30	LFQFP	100	RX
34	R5F566NNHDFP#70	LFQFP	100	RX
35	R5F566NNHGFB#10	LFQFP	144	RX
36	R5F566NNHGFB#30	LFQFP	144	RX
37	R5F566NNHGFP#10	LFQFP	100	RX
38	R5F566NNHGFP#30	LFQFP	100	RX
39	R5F566TAADFF#10	LQFP	80	RX
40	R5F566TAADFF#30	LQFP	80	RX
41	R5F566TAADFH#10	LQFP	112	RX
42	R5F566TAADFH#30	LQFP	112	RX
43	R5F566TAADFH#70	LQFP	112	RX
44	R5F566TAADFM#10	LFQFP	64	RX
45	R5F566TAADFM#30	LFQFP	64	RX
46	R5F566TAADFM#70	LFQFP	64	RX
47	R5F566TAADFN#10	LFQFP	80	RX
48	R5F566TAADFN#30	LFQFP	80	RX
49	R5F566TAADFN#70	LFQFP	80	RX
50	R5F566TAADFP#10	LFQFP	100	RX
51	R5F566TAADFP#30	LFQFP	100	RX
52	R5F566TAADFP#70	LFQFP	100	RX
53	R5F566TAAGFF#10	LQFP	80	RX
54	R5F566TAAGFF#30	LQFP	80	RX
55	R5F566TAAGFH#10	LQFP	112	RX
56	R5F566TAAGFH#30	LQFP	112	RX
57	R5F566TAAGFM#10	LFQFP	64	RX
58	R5F566TAAGFM#30	LFQFP	64	RX
59	R5F566TAAGFM#50	LFQFP	64	RX
60	R5F566TAAGFN#10	LFQFP	80	RX

NO.	Part Number	Package Type	Number of Pins	Family
61	R5F566TAAGFN#30	LFQFP	80	RX
62	R5F566TAAGFN#70	LFQFP	80	RX
63	R5F566TAAGFP#10	LFQFP	100	RX
64	R5F566TAAGFP#30	LFQFP	100	RX
65	R5F566TABDFP#10	LFQFP	100	RX
66	R5F566TABDFP#30	LFQFP	100	RX
67	R5F566TABDFP#70	LFQFP	100	RX
68	R5F566TABGFP#10	LFQFP	100	RX
69	R5F566TABGFP#30	LFQFP	100	RX
70	R5F566TABGFP#70	LFQFP	100	RX
71	R5F566TAEDFF#10	LQFP	80	RX
72	R5F566TAEDFF#30	LQFP	80	RX
73	R5F566TAEDFH#10	LQFP	112	RX
74	R5F566TAEDFH#30	LQFP	112	RX
75	R5F566TAEDFM#10	LFQFP	64	RX
76	R5F566TAEDFM#30	LFQFP	64	RX
77	R5F566TAEDFN#10	LFQFP	80	RX
78	R5F566TAEDFN#30	LFQFP	80	RX
79	R5F566TAEDFP#10	LFQFP	100	RX
80	R5F566TAEDFP#30	LFQFP	100	RX
81	R5F566TAEGFF#10	LQFP	80	RX
82	R5F566TAEGFF#30	LQFP	80	RX
83	R5F566TAEGFH#10	LQFP	112	RX
84	R5F566TAEGFH#30	LQFP	112	RX
85	R5F566TAEGFM#10	LFQFP	64	RX
86	R5F566TAEGFM#30	LFQFP	64	RX
87	R5F566TAEGFN#10	LFQFP	80	RX
88	R5F566TAEGFN#30	LFQFP	80	RX
89	R5F566TAEGFP#10	LFQFP	100	RX
90	R5F566TAEGFP#30	LFQFP	100	RX
91	R5F566TAFDFP#10	LFQFP	100	RX
92	R5F566TAFDFP#30	LFQFP	100	RX
93	R5F566TAFGFP#10	LFQFP	100	RX
94	R5F566TAFGFP#30	LFQFP	100	RX
95	R5F566TEADFF#10	LQFP	80	RX
96	R5F566TEADFF#30	LQFP	80	RX
97	R5F566TEADFH#10	LQFP	112	RX
98	R5F566TEADFH#30	LQFP	112	RX
99	R5F566TEADFM#10	LFQFP	64	RX
100	R5F566TEADFM#30	LFQFP	64	RX
101	R5F566TEADFM#70	LFQFP	64	RX
102	R5F566TEADFN#10	LFQFP	80	RX
103	R5F566TEADFN#30	LFQFP	80	RX
104	R5F566TEADFN#70	LFQFP	80	RX
105	R5F566TEADFP#10	LFQFP	100	RX
106	R5F566TEADFP#30	LFQFP	100	RX
107	R5F566TEAGFF#10	LQFP	80	RX
108	R5F566TEAGFF#30	LQFP	80	RX
109	R5F566TEAGFH#10	LQFP	112	RX
110	R5F566TEAGFH#30	LQFP	112	RX
111	R5F566TEAGFM#10	LFQFP	64	RX
112	R5F566TEAGFM#30	LFQFP	64	RX
113	R5F566TEAGFN#10	LFQFP	80	RX
114	R5F566TEAGFN#30	LFQFP	80	RX
115	R5F566TEAGFP#10	LFQFP	100	RX
116	R5F566TEAGFP#30	LFQFP	100	RX
117	R5F566TEAGFP#70	LFQFP	100	RX
118	R5F566TEBDFP#10	LFQFP	100	RX
119	R5F566TEBDFP#30	LFQFP	100	RX
120	R5F566TEBDFP#70	LFQFP	100	RX
121	R5F566TEBGFP#10	LFQFP	100	RX

NO.	Part Number	Package Type	Number of Pins	Family
122	R5F566TEBGFP#30	LFQFP	100	RX
123	R5F566TEEDFF#10	LQFP	80	RX
124	R5F566TEEDFF#30	LQFP	80	RX
125	R5F566TEEDFH#10	LQFP	112	RX
126	R5F566TEEDFH#30	LQFP	112	RX
127	R5F566TEEDFM#10	LFQFP	64	RX
128	R5F566TEEDFM#30	LFQFP	64	RX
129	R5F566TEEDFN#10	LFQFP	80	RX
130	R5F566TEEDFN#30	LFQFP	80	RX
131	R5F566TEEDFN#70	LFQFP	80	RX
132	R5F566TEEDFP#10	LFQFP	100	RX
133	R5F566TEEDFP#30	LFQFP	100	RX
134	R5F566TEEGFF#10	LQFP	80	RX
135	R5F566TEEGFF#30	LQFP	80	RX
136	R5F566TEEGFF#70	LQFP	80	RX
137	R5F566TEEGFH#10	LQFP	112	RX
138	R5F566TEEGFH#30	LQFP	112	RX
139	R5F566TEEGFM#10	LFQFP	64	RX
140	R5F566TEEGFM#30	LFQFP	64	RX
141	R5F566TEEGFM#70	LFQFP	64	RX
142	R5F566TEEGFN#10	LFQFP	80	RX
143	R5F566TEEGFN#30	LFQFP	80	RX
144	R5F566TEEGFP#10	LFQFP	100	RX
145	R5F566TEEGFP#30	LFQFP	100	RX
146	R5F566TEFDFF#10	LFQFP	100	RX
147	R5F566TEFDFF#30	LFQFP	100	RX
148	R5F566TEFGFP#10	LFQFP	100	RX
149	R5F566TEFGFP#30	LFQFP	100	RX
150	R5F566TFADFP#10	LFQFP	100	RX
151	R5F566TFADFP#30	LFQFP	100	RX
152	R5F566TFAGFP#10	LFQFP	100	RX
153	R5F566TFAGFP#30	LFQFP	100	RX
154	R5F566TFBDFP#10	LFQFP	100	RX
155	R5F566TFBDFP#30	LFQFP	100	RX
156	R5F566TFBGFP#10	LFQFP	100	RX
157	R5F566TFBGFP#30	LFQFP	100	RX
158	R5F566TFCDFF#10	LFQFP	144	RX
159	R5F566TFCDFF#30	LFQFP	144	RX
160	R5F566TFCDFF#70	LFQFP	144	RX
161	R5F566TFCDFF#10	LFQFP	100	RX
162	R5F566TFCDFF#30	LFQFP	100	RX
163	R5F566TFCGFB#10	LFQFP	144	RX
164	R5F566TFCGFB#30	LFQFP	144	RX
165	R5F566TFCGFP#10	LFQFP	100	RX
166	R5F566TFCGFP#30	LFQFP	100	RX
167	R5F566TFEDFP#10	LFQFP	100	RX
168	R5F566TFEDFP#30	LFQFP	100	RX
169	R5F566TFEGFP#10	LFQFP	100	RX
170	R5F566TFEGFP#30	LFQFP	100	RX
171	R5F566TFFDFF#10	LFQFP	100	RX
172	R5F566TFFDFF#30	LFQFP	100	RX
173	R5F566TFFGFP#10	LFQFP	100	RX
174	R5F566TFFGFP#30	LFQFP	100	RX
175	R5F566TFGDFF#10	LFQFP	144	RX
176	R5F566TFGDFF#30	LFQFP	144	RX
177	R5F566TFGDFF#10	LFQFP	100	RX
178	R5F566TFGDFF#30	LFQFP	100	RX
179	R5F566TFGGFB#10	LFQFP	144	RX
180	R5F566TFGGFB#30	LFQFP	144	RX
181	R5F566TFGGFP#10	LFQFP	100	RX
182	R5F566TFGGFP#30	LFQFP	100	RX

NO.	Part Number	Package Type	Number of Pins	Family
183	R5F566TKADFP#10	LFQFP	100	RX
184	R5F566TKADFP#30	LFQFP	100	RX
185	R5F566TKAGFP#10	LFQFP	100	RX
186	R5F566TKAGFP#30	LFQFP	100	RX
187	R5F566TKBDFP#10	LFQFP	100	RX
188	R5F566TKBDFP#30	LFQFP	100	RX
189	R5F566TKBGFP#10	LFQFP	100	RX
190	R5F566TKBGFP#30	LFQFP	100	RX
191	R5F566TKCDFB#10	LFQFP	144	RX
192	R5F566TKCDFB#30	LFQFP	144	RX
193	R5F566TKCDFP#10	LFQFP	100	RX
194	R5F566TKCDFP#30	LFQFP	100	RX
195	R5F566TKCGFB#10	LFQFP	144	RX
196	R5F566TKCGFB#30	LFQFP	144	RX
197	R5F566TKCGFP#10	LFQFP	100	RX
198	R5F566TKCGFP#30	LFQFP	100	RX
199	R5F566TKEDFP#10	LFQFP	100	RX
200	R5F566TKEDFP#30	LFQFP	100	RX
201	R5F566TKEGFP#10	LFQFP	100	RX
202	R5F566TKEGFP#30	LFQFP	100	RX
203	R5F566TKFDFP#10	LFQFP	100	RX
204	R5F566TKFDFP#30	LFQFP	100	RX
205	R5F566TKFGFP#10	LFQFP	100	RX
206	R5F566TKFGFP#30	LFQFP	100	RX
207	R5F566TKGDFB#10	LFQFP	144	RX
208	R5F566TKGDFB#30	LFQFP	144	RX
209	R5F566TKGDFP#10	LFQFP	100	RX
210	R5F566TKGDFP#30	LFQFP	100	RX
211	R5F566TKGGFB#10	LFQFP	144	RX
212	R5F566TKGGFB#30	LFQFP	144	RX
213	R5F566TKGGFP#10	LFQFP	100	RX
214	R5F566TKGGFP#30	LFQFP	100	RX
215	R5F572MDDDFB#10	LFQFP	144	RX
216	R5F572MDDDFB#30	LFQFP	144	RX
217	R5F572MDDDFB#70	LFQFP	144	RX
218	R5F572MDDDFP#10	LFQFP	100	RX
219	R5F572MDDDFP#30	LFQFP	100	RX
220	R5F572MDDDFP#70	LFQFP	100	RX
221	R5F572MDDGFB#10	LFQFP	144	RX
222	R5F572MDDGFB#30	LFQFP	144	RX
223	R5F572MDDGFB#70	LFQFP	144	RX
224	R5F572MDDGFP#10	LFQFP	100	RX
225	R5F572MDDGFP#30	LFQFP	100	RX
226	R5F572MDHDFB#10	LFQFP	144	RX
227	R5F572MDHDFB#30	LFQFP	144	RX
228	R5F572MDHDFP#10	LFQFP	100	RX
229	R5F572MDHDFP#30	LFQFP	100	RX
230	R5F572MDHGFB#10	LFQFP	144	RX
231	R5F572MDHGFB#30	LFQFP	144	RX
232	R5F572MDHGFP#10	LFQFP	100	RX
233	R5F572MDHGFP#30	LFQFP	100	RX
234	R5F572MNDDFB#10	LFQFP	144	RX
235	R5F572MNDDFB#30	LFQFP	144	RX
236	R5F572MNDDFB#70	LFQFP	144	RX
237	R5F572MNDDFP#10	LFQFP	100	RX
238	R5F572MNDDFP#30	LFQFP	100	RX
239	R5F572MNDGFB#10	LFQFP	144	RX
240	R5F572MNDGFB#30	LFQFP	144	RX
241	R5F572MNDGFP#10	LFQFP	100	RX
242	R5F572MNDGFP#30	LFQFP	100	RX
243	R5F572MNHDFB#10	LFQFP	144	RX

NO.	Part Number	Package Type	Number of Pins	Family
244	R5F572MNHDFB#30	LFQFP	144	RX
245	R5F572MNHDFP#10	LFQFP	100	RX
246	R5F572MNHDFP#30	LFQFP	100	RX
247	R5F572MNHGFB#10	LFQFP	144	RX
248	R5F572MNHGFB#30	LFQFP	144	RX
249	R5F572MNHGFP#10	LFQFP	100	RX
250	R5F572MNHGFP#30	LFQFP	100	RX
251	R5F572NDDDFB#10	LFQFP	144	RX
252	R5F572NDDDFB#30	LFQFP	144	RX
253	R5F572NDDDFP#10	LFQFP	100	RX
254	R5F572NDDDFP#30	LFQFP	100	RX
255	R5F572NDDDFP#70	LFQFP	100	RX
256	R5F572NDDGFB#10	LFQFP	144	RX
257	R5F572NDDGFB#30	LFQFP	144	RX
258	R5F572NDDGFP#10	LFQFP	100	RX
259	R5F572NDDGFP#30	LFQFP	100	RX
260	R5F572NDHDFB#10	LFQFP	144	RX
261	R5F572NDHDFB#30	LFQFP	144	RX
262	R5F572NDHDFP#10	LFQFP	100	RX
263	R5F572NDHDFP#30	LFQFP	100	RX
264	R5F572NDHDFP#70	LFQFP	100	RX
265	R5F572NDHGFB#10	LFQFP	144	RX
266	R5F572NDHGFB#30	LFQFP	144	RX
267	R5F572NDHGFP#10	LFQFP	100	RX
268	R5F572NDHGFP#30	LFQFP	100	RX
269	R5F572NNDDFB#10	LFQFP	144	RX
270	R5F572NNDDFB#30	LFQFP	144	RX
271	R5F572NNDDFB#70	LFQFP	144	RX
272	R5F572NNDDFP#10	LFQFP	100	RX
273	R5F572NNDDFP#30	LFQFP	100	RX
274	R5F572NNDDFP#70	LFQFP	100	RX
275	R5F572NNDGFB#10	LFQFP	144	RX
276	R5F572NNDGFB#30	LFQFP	144	RX
277	R5F572NNDGFP#10	LFQFP	100	RX
278	R5F572NNDGFP#30	LFQFP	100	RX
279	R5F572NNHDFB#10	LFQFP	144	RX
280	R5F572NNHDFB#15	LFQFP	144	RX
281	R5F572NNHDFB#30	LFQFP	144	RX
282	R5F572NNHDFB#70	LFQFP	144	RX
283	R5F572NNHDFP#10	LFQFP	100	RX
284	R5F572NNHDFP#30	LFQFP	100	RX
285	R5F572NNHGFB#10	LFQFP	144	RX
286	R5F572NNHGFB#30	LFQFP	144	RX
287	R5F572NNHGFB#70	LFQFP	144	RX
288	R5F572NNHGFP#10	LFQFP	100	RX
289	R5F572NNHGFP#30	LFQFP	100	RX
290	R5F572TFADFP#10	LFQFP	100	RX
291	R5F572TFADFP#30	LFQFP	100	RX
292	R5F572TFAGFP#10	LFQFP	100	RX
293	R5F572TFAGFP#30	LFQFP	100	RX
294	R5F572TFBDFP#10	LFQFP	100	RX
295	R5F572TFBDFP#30	LFQFP	100	RX
296	R5F572TFBGFP#10	LFQFP	100	RX
297	R5F572TFBGFP#30	LFQFP	100	RX
298	R5F572TFCDFB#10	LFQFP	144	RX
299	R5F572TFCDFB#30	LFQFP	144	RX
300	R5F572TFCDFP#10	LFQFP	100	RX
301	R5F572TFCDFP#30	LFQFP	100	RX
302	R5F572TFCGFB#10	LFQFP	144	RX
303	R5F572TFCGFB#30	LFQFP	144	RX
304	R5F572TFCGFP#10	LFQFP	100	RX

NO.	Part Number	Package Type	Number of Pins	Family
305	R5F572TFCGFP#30	LFQFP	100	RX
306	R5F572TFEDFP#10	LFQFP	100	RX
307	R5F572TFEDFP#30	LFQFP	100	RX
308	R5F572TFEGFP#10	LFQFP	100	RX
309	R5F572TFEGFP#30	LFQFP	100	RX
310	R5F572TFFDFP#10	LFQFP	100	RX
311	R5F572TFFDFP#30	LFQFP	100	RX
312	R5F572TFFGFP#10	LFQFP	100	RX
313	R5F572TFFGFP#30	LFQFP	100	RX
314	R5F572TFGDFOB#10	LFQFP	144	RX
315	R5F572TFGDFOB#30	LFQFP	144	RX
316	R5F572TFGDFOB#10	LFQFP	100	RX
317	R5F572TFGDFOB#30	LFQFP	100	RX
318	R5F572TFGGFOB#10	LFQFP	144	RX
319	R5F572TFGGFOB#30	LFQFP	144	RX
320	R5F572TFGGFP#10	LFQFP	100	RX
321	R5F572TFGGFP#30	LFQFP	100	RX
322	R5F572TKADFP#10	LFQFP	100	RX
323	R5F572TKADFP#30	LFQFP	100	RX
324	R5F572TKAGFP#10	LFQFP	100	RX
325	R5F572TKAGFP#30	LFQFP	100	RX
326	R5F572TKBDFP#10	LFQFP	100	RX
327	R5F572TKBDFP#30	LFQFP	100	RX
328	R5F572TKBGFP#10	LFQFP	100	RX
329	R5F572TKBGFP#30	LFQFP	100	RX
330	R5F572TKCDFB#10	LFQFP	144	RX
331	R5F572TKCDFB#30	LFQFP	144	RX
332	R5F572TKCDFB#70	LFQFP	144	RX
333	R5F572TKCDFP#10	LFQFP	100	RX
334	R5F572TKCDFP#30	LFQFP	100	RX
335	R5F572TKCGFB#10	LFQFP	144	RX
336	R5F572TKCGFB#30	LFQFP	144	RX
337	R5F572TKCGFP#10	LFQFP	100	RX
338	R5F572TKCGFP#30	LFQFP	100	RX
339	R5F572TKEDFP#10	LFQFP	100	RX
340	R5F572TKEDFP#30	LFQFP	100	RX
341	R5F572TKEGFP#10	LFQFP	100	RX
342	R5F572TKEGFP#30	LFQFP	100	RX
343	R5F572TKFDFP#10	LFQFP	100	RX
344	R5F572TKFDFP#30	LFQFP	100	RX
345	R5F572TKFGFP#10	LFQFP	100	RX
346	R5F572TKFGFP#30	LFQFP	100	RX
347	R5F572TKGDFB#10	LFQFP	144	RX
348	R5F572TKGDFB#30	LFQFP	144	RX
349	R5F572TKGDFB#70	LFQFP	144	RX
350	R5F572TKGDFP#10	LFQFP	100	RX
351	R5F572TKGDFP#30	LFQFP	100	RX
352	R5F572TKGGFB#10	LFQFP	144	RX
353	R5F572TKGGFB#30	LFQFP	144	RX
354	R5F572TKGGFP#10	LFQFP	100	RX
355	R5F572TKGGFP#30	LFQFP	100	RX
356	R7FA4E2B93CFM#AA0	LFQFP	64	RA
357	R7FA4E2B93CFM#BA0	LFQFP	64	RA
358	R7FA4E2B93CFM#HA0	LFQFP	64	RA
359	R7FA4M3AD3CFB#AA0	LFQFP	144	RA
360	R7FA4M3AD3CFB#BA0	LFQFP	144	RA
361	R7FA4M3AD3CFB#HA0	LFQFP	144	RA
362	R7FA4M3AE3CFB#AA0	LFQFP	144	RA
363	R7FA4M3AE3CFB#BA0	LFQFP	144	RA
364	R7FA4M3AE3CFB#HA0	LFQFP	144	RA
365	R7FA4M3AE3CFM#AA0	LFQFP	64	RA

NO.	Part Number	Package Type	Number of Pins	Family
366	R7FA4M3AE3CFM#BA0	LFQFP	64	RA
367	R7FA4M3AE3CFM#HA0	LFQFP	64	RA
368	R7FA4M3AE3CFM#UA0	LFQFP	64	RA
369	R7FA4M3AE3CFP#AA0	LFQFP	100	RA
370	R7FA4M3AE3CFP#BA0	LFQFP	100	RA
371	R7FA4M3AE3CFP#HA0	LFQFP	100	RA
372	R7FA4M3AE3CFP#UA0	LFQFP	100	RA
373	R7FA4M3AF3CFB#AA0	LFQFP	144	RA
374	R7FA4M3AF3CFB#BA0	LFQFP	144	RA
375	R7FA4M3AF3CFB#HA0	LFQFP	144	RA
376	R7FA4M3AF3CFB#UA0	LFQFP	144	RA
377	R7FA4M3AF3CFM#AA0	LFQFP	64	RA
378	R7FA4M3AF3CFM#BA0	LFQFP	64	RA
379	R7FA4M3AF3CFM#HA0	LFQFP	64	RA
380	R7FA4M3AF3CFM#UA0	LFQFP	64	RA
381	R7FA4M3AF3CFP#AA0	LFQFP	100	RA
382	R7FA4M3AF3CFP#BA0	LFQFP	100	RA
383	R7FA4M3AF3CFP#HA0	LFQFP	100	RA
384	R7FA4M3AF3CFP#UA0	LFQFP	100	RA
385	R7FA4T1B93CFM#AA0	LFQFP	64	RA
386	R7FA4T1B93CFM#BA0	LFQFP	64	RA
387	R7FA4T1B93CFM#HA0	LFQFP	64	RA
388	R7FA4T1BB3CFM#AA0	LFQFP	64	RA
389	R7FA4T1BB3CFM#BA0	LFQFP	64	RA
390	R7FA6E10D2CFM#AA0	LFQFP	64	RA
391	R7FA6E10D2CFM#AA5	LFQFP	64	RA
392	R7FA6E10D2CFM#BA0	LFQFP	64	RA
393	R7FA6E10D2CFM#BA5	LFQFP	64	RA
394	R7FA6E10D2CFP#AA0	LFQFP	100	RA
395	R7FA6E10D2CFP#AA5	LFQFP	100	RA
396	R7FA6E10D2CFP#BA0	LFQFP	100	RA
397	R7FA6E10D2CFP#BA5	LFQFP	100	RA
398	R7FA6E10D2CFP#HA0	LFQFP	100	RA
399	R7FA6E10D2CFP#UA0	LFQFP	100	RA
400	R7FA6E10F2CFM#AA0	LFQFP	64	RA
401	R7FA6E10F2CFM#AA5	LFQFP	64	RA
402	R7FA6E10F2CFM#BA0	LFQFP	64	RA
403	R7FA6E10F2CFM#BA5	LFQFP	64	RA
404	R7FA6E10F2CFM#UA0	LFQFP	64	RA
405	R7FA6E10F2CFP#AA0	LFQFP	100	RA
406	R7FA6E10F2CFP#AA5	LFQFP	100	RA
407	R7FA6E10F2CFP#BA0	LFQFP	100	RA
408	R7FA6E10F2CFP#BA5	LFQFP	100	RA
409	R7FA6E10F2CFP#HA0	LFQFP	100	RA
410	R7FA6E10F2CFP#UA0	LFQFP	100	RA
411	R7FA6E2B93CFM#AA0	LFQFP	64	RA
412	R7FA6E2B93CFM#BA0	LFQFP	64	RA
413	R7FA6E2BB3CFM#AA0	LFQFP	64	RA
414	R7FA6E2BB3CFM#BA0	LFQFP	64	RA
415	R7FA6M4AD3CFB#AA0	LFQFP	144	RA
416	R7FA6M4AD3CFB#BA0	LFQFP	144	RA
417	R7FA6M4AD3CFM#AA0	LFQFP	64	RA
418	R7FA6M4AD3CFM#AA5	LFQFP	64	RA
419	R7FA6M4AD3CFM#BA0	LFQFP	64	RA
420	R7FA6M4AD3CFM#BA5	LFQFP	64	RA
421	R7FA6M4AD3CFM#UA0	LFQFP	64	RA
422	R7FA6M4AD3CFP#AA0	LFQFP	100	RA
423	R7FA6M4AD3CFP#AA5	LFQFP	100	RA
424	R7FA6M4AD3CFP#BA0	LFQFP	100	RA
425	R7FA6M4AD3CFP#BA5	LFQFP	100	RA
426	R7FA6M4AD3CFP#HA0	LFQFP	100	RA

NO.	Part Number	Package Type	Number of Pins	Family
427	R7FA6M4AD3CFP#UA0	LFQFP	100	RA
428	R7FA6M4AE3CFB#AA0	LFQFP	144	RA
429	R7FA6M4AE3CFB#BA0	LFQFP	144	RA
430	R7FA6M4AE3CFM#AA0	LFQFP	64	RA
431	R7FA6M4AE3CFM#BA0	LFQFP	64	RA
432	R7FA6M4AE3CFP#AA0	LFQFP	100	RA
433	R7FA6M4AE3CFP#BA0	LFQFP	100	RA
434	R7FA6M4AE3CFP#HA0	LFQFP	100	RA
435	R7FA6M4AE3CFP#UA0	LFQFP	100	RA
436	R7FA6M4AF3CFB#AA0	LFQFP	144	RA
437	R7FA6M4AF3CFB#BA0	LFQFP	144	RA
438	R7FA6M4AF3CFB#UA0	LFQFP	144	RA
439	R7FA6M4AF3CFM#AA0	LFQFP	64	RA
440	R7FA6M4AF3CFM#BA0	LFQFP	64	RA
441	R7FA6M4AF3CFM#UA0	LFQFP	64	RA
442	R7FA6M4AF3CFP#AA0	LFQFP	100	RA
443	R7FA6M4AF3CFP#BA0	LFQFP	100	RA
444	R7FA6M4AF3CFP#BA5	LFQFP	100	RA
445	R7FA6M4AF3CFP#HA0	LFQFP	100	RA
446	R7FA6M4AF3CFP#UA0	LFQFP	100	RA
447	R7FA6M5AG3CFB#AA0	LFQFP	144	RA
448	R7FA6M5AG3CFB#BA0	LFQFP	144	RA
449	R7FA6M5AG3CFB#HA0	LFQFP	144	RA
450	R7FA6M5AG3CFB#UA0	LFQFP	144	RA
451	R7FA6M5AG3CFP#AA0	LFQFP	100	RA
452	R7FA6M5AG3CFP#BA0	LFQFP	100	RA
453	R7FA6M5AH3CFB#AA0	LFQFP	144	RA
454	R7FA6M5AH3CFB#BA0	LFQFP	144	RA
455	R7FA6M5AH3CFB#UA0	LFQFP	144	RA
456	R7FA6M5AH3CFP#AA0	LFQFP	100	RA
457	R7FA6M5AH3CFP#BA0	LFQFP	100	RA
458	R7FA6M5BF3CFB#AA0	LFQFP	144	RA
459	R7FA6M5BF3CFB#BA0	LFQFP	144	RA
460	R7FA6M5BF3CFB#UA0	LFQFP	144	RA
461	R7FA6M5BF3CFP#AA0	LFQFP	100	RA
462	R7FA6M5BF3CFP#BA0	LFQFP	100	RA
463	R7FA6M5BF3CFP#UA0	LFQFP	100	RA
464	R7FA6M5BG3CFB#AA0	LFQFP	144	RA
465	R7FA6M5BG3CFB#BA0	LFQFP	144	RA
466	R7FA6M5BG3CFP#AA0	LFQFP	100	RA
467	R7FA6M5BG3CFP#BA0	LFQFP	100	RA
468	R7FA6M5BH3CFB#AA0	LFQFP	144	RA
469	R7FA6M5BH3CFB#BA0	LFQFP	144	RA
470	R7FA6M5BH3CFB#UA0	LFQFP	144	RA
471	R7FA6M5BH3CFP#AA0	LFQFP	100	RA
472	R7FA6M5BH3CFP#BA0	LFQFP	100	RA
473	R7FA6M5BH3CFP#UA0	LFQFP	100	RA
474	R7FA6T2AB3CFM#AA0	LFQFP	64	RA
475	R7FA6T2AB3CFM#AA1	LFQFP	64	RA
476	R7FA6T2AB3CFM#BA0	LFQFP	64	RA
477	R7FA6T2AB3CFM#BA1	LFQFP	64	RA
478	R7FA6T2AB3CFP#AA0	LFQFP	100	RA
479	R7FA6T2AB3CFP#AA1	LFQFP	100	RA
480	R7FA6T2AB3CFP#BA0	LFQFP	100	RA
481	R7FA6T2AB3CFP#BA1	LFQFP	100	RA
482	R7FA6T2AD3CFM#AA0	LFQFP	64	RA
483	R7FA6T2AD3CFM#AA1	LFQFP	64	RA
484	R7FA6T2AD3CFM#BA0	LFQFP	64	RA
485	R7FA6T2AD3CFM#BA1	LFQFP	64	RA
486	R7FA6T2AD3CFP#AA0	LFQFP	100	RA
487	R7FA6T2AD3CFP#AA1	LFQFP	100	RA

NO.	Part Number	Package Type	Number of Pins	Family
488	R7FA6T2AD3CFP#BA0	LFQFP	100	RA
489	R7FA6T2AD3CFP#BA1	LFQFP	100	RA
490	R7FA6T2BB3CFM#AA0	LFQFP	64	RA
491	R7FA6T2BB3CFM#AA1	LFQFP	64	RA
492	R7FA6T2BB3CFM#BA0	LFQFP	64	RA
493	R7FA6T2BB3CFM#BA1	LFQFP	64	RA
494	R7FA6T2BB3CFP#AA0	LFQFP	100	RA
495	R7FA6T2BB3CFP#AA1	LFQFP	100	RA
496	R7FA6T2BB3CFP#BA0	LFQFP	100	RA
497	R7FA6T2BB3CFP#BA1	LFQFP	100	RA
498	R7FA6T2BD3CFM#AA0	LFQFP	64	RA
499	R7FA6T2BD3CFM#AA1	LFQFP	64	RA
500	R7FA6T2BD3CFM#BA0	LFQFP	64	RA
501	R7FA6T2BD3CFM#BA1	LFQFP	64	RA
502	R7FA6T2BD3CFP#AA0	LFQFP	100	RA
503	R7FA6T2BD3CFP#AA1	LFQFP	100	RA
504	R7FA6T2BD3CFP#BA0	LFQFP	100	RA
505	R7FA6T2BD3CFP#BA1	LFQFP	100	RA
506	R7FA6T3BB3CFM#AA0	LFQFP	64	RA
507	R7FA6T3BB3CFM#BA0	LFQFP	64	RA

• Appendix

1. Overview of Changed Materials

Item		Before Change	After Change	Note
Assembly factory		Renesas Semiconductor (Beijing) Co., Ltd		No change
Final test factory				
Parts	Lead frame	—	—	No change
	Die Bond	Die Bond Material A manufactured by company A	Die Bond Material B manufactured by company B	Refer to number 2 below
	Mold resin (resin materials)	—	—	No change
Package	Outline	—	—	No change
Marking	Font	—	—	No change

2. Changed Materials

Materials	Current	Addition
Die Bond materials	—	Similar materials are used.

There is no impact on reliability and specification.

3. Changes in Four Ms (Change of Die-Bond Materials)

Item	Check Result	Judgement
Machine	The die mounting process for die bond material A and die bond material B both use the same manufacturing equipment.	No risk
Method	The die mounting process for die bond material A and die bond material B is the same manufacturing method.	No risk
Man	Adopt operator certification system. Only certificated operator can work for the production.	No risk
Material	We use die bond materials that have been certified as materials. Die bond material B has a track record of mass production, and we have confirmed that there is no problem.	No risk

4. Reliability Test Results

Test Items	Test Conditions	ResultsFailure/Size
High Temperature Operating Life(HTOL)	Ta=125 °C, <u>Vccmax</u> , 1000 <u>hrs</u>	0/22
High Temperature Storage Life(HTSL)	Ta=150 °C, 1000 <u>hrs</u>	0/22
Temperature Humidity bias(THB) (*1)	Ta=85 °C, RH=85 %, <u>Vccmax</u> , 1000 <u>hrs</u>	0/22
Temperature Cycling(TC) (*1)	Ta=-65 °C to 150 °C , 300 cycles	0/22
Latch-Up(LU)	Pulse Current Injection, I=+/-150 mA	0/3
Electrostatic discharge(ESD-HBM)	1.5 <u>kΩ</u> , 100 pF, +/-2000 V, 1 time	0/3
Electrostatic discharge(ESD-CDM)	+/-500V,1time	0/3
Solderability(SD)	245 °C, 5 s, Solder coverage ≥95 %	0/5
Resistance to Soldering Heat(PC)	MSL3(Moisture Sensitivity Level 3)	0/22

* 1)Preprocessing of MSL3 was applied to THB and TC.

- It is tested to confirm that all the samples are satisfied with an individual product specification.
- Basically qualification tests were performed using a representative product with the same wafer process and the same package structure .