

Product Change Notice (PCN)

Subject: Add tray and desiccant for RL78 Family LQFP/LFQFP.

Publication Date: 12/16/2022

Effective Date: 3/1/2023

Revision Description: Initial release.

Description of Change:

Applicable products: RL78 family
Package: 7x7mm 32pin LQFP , 48pin LFQFP
10x10mm 44pin LQFP , 64pin LFQFP
12x12mm 80pin LFQFP
14x14mm 100pin LFQFP

Additional content:

Tray

- ✓ Add a tray for the above package.
- ✓ The notation of the end tab is different for the current tray and the additional tray.
 - However, the dimensions of the current tray and the additional tray are the same.

Desiccant

- ✓ Add a type of desiccant.
 - There is no change in the storage conditions.

Affected Product List:

Refer to “Applicable products list to add tray and desiccant”.

Reason for Change:

The purpose is to provide a stable supply of RL78 family.

Impact on Fit, Form, Function, Quality & Reliability: None

Product Identification: Please refer to the “Difference specification”.

Qualification Status: N/A

Sample Availability Date: N/A

Device Material Declaration: N/A

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.

Difference specification (LQFP/LFQFP_ Add tray & desiccant) 7x7mm,10x10mm,12x12mm,14x14mm

December 15, 2022

MCU PRODUCT MARKETING DEPARTMENT
MCU DEVICE SOLUTION BUSINESS DIVISION
IoT AND INFRASTRUCTURE BUSINESS UNIT
RENESAS ELECTRONICS CO., LTD.

Do not provide this document to others without our permission.

MCP-AB-22-0119
PC-MCU-A010A/E

1. Descriptions of circuits, software and other related information in this document are provided only to illustrate the operation of semiconductor products and application examples. You are fully responsible for the incorporation or any other use of the circuits, software, and information in the design of your product or system. Renesas Electronics disclaims any and all liability for any losses and damages incurred by you or third parties arising from the use of these circuits, software, or information.
 2. Renesas Electronics hereby expressly disclaims any warranties against and liability for infringement or any other claims involving patents, copyrights, or other intellectual property rights of third parties, by or arising from the use of Renesas Electronics products or technical information described in this document, including but not limited to, the product data, drawings, charts, programs, algorithms, and application examples.
 3. No license, express, implied or otherwise, is granted hereby under any patents, copyrights or other intellectual property rights of Renesas Electronics or others.
 4. You shall be responsible for determining what licenses are required from any third parties, and obtaining such licenses for the lawful import, export, manufacture, sales, utilization, distribution or other disposal of any products incorporating Renesas Electronics products, if required.
 5. You shall not alter, modify, copy, or reverse engineer any Renesas Electronics product, whether in whole or in part. Renesas Electronics disclaims any and all liability for any losses or damages incurred by you or third parties arising from such alteration, modification, copying or reverse engineering.
 6. Renesas Electronics products are classified according to the following two quality grades: "Standard" and "High Quality". The intended applications for each Renesas Electronics product depends on the product's quality grade, as indicated below.
 - "Standard": Computers; office equipment; communications equipment; test and measurement equipment; audio and visual equipment; home electronic appliances; machine tools; personal electronic equipment; industrial robots; etc.
 - "High Quality": Transportation equipment (automobiles, trains, ships, etc.); traffic control (traffic lights); large-scale communication equipment; key financial terminal systems; safety control equipment; etc.

Unless expressly designated as a high reliability product or a product for harsh environments in a Renesas Electronics data sheet or other Renesas Electronics document, Renesas Electronics products are not intended or authorized for use in products or systems that may pose a direct threat to human life or bodily injury (artificial life support devices or systems; surgical implantations; etc.), or may cause serious property damage (space system; undersea repeaters; nuclear power control systems; aircraft control systems; key plant systems; military equipment; etc.). Renesas Electronics disclaims any and all liability for any damages or losses incurred by you or any third parties arising from the use of any Renesas Electronics product that is inconsistent with any Renesas Electronics data sheet, user's manual or other Renesas Electronics document.
 7. No semiconductor product is absolutely secure. Notwithstanding any security measures or features that may be implemented in Renesas Electronics hardware or software products, Renesas Electronics shall have absolutely no liability arising out of any vulnerability or security breach, including but not limited to any unauthorized access to or use of a Renesas Electronics product or a system that uses a Renesas Electronics product. RENESAS ELECTRONICS DOES NOT WARRANT OR GUARANTEE THAT RENESAS ELECTRONICS PRODUCTS, OR ANY SYSTEMS CREATED USING RENESAS ELECTRONICS PRODUCTS WILL BE INVULNERABLE OR FREE FROM CORRUPTION, ATTACK, VIRUSES, INTERFERENCE, HACKING, DATA LOSS OR THEFT, OR OTHER SECURITY INTRUSION ("Vulnerability Issues"). RENESAS ELECTRONICS DISCLAIMS ANY AND ALL RESPONSIBILITY OR LIABILITY ARISING FROM OR RELATED TO ANY VULNERABILITY ISSUES. FURTHERMORE, TO THE EXTENT PERMITTED BY APPLICABLE LAW, RENESAS ELECTRONICS DISCLAIMS ANY AND ALL WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THIS DOCUMENT AND ANY RELATED OR ACCOMPANYING SOFTWARE OR HARDWARE, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE.
 8. When using Renesas Electronics products, refer to the latest product information (data sheets, user's manuals, application notes, "General Notes for Handling and Using Semiconductor Devices" in the reliability handbook, etc.), and ensure that usage conditions are within the ranges specified by Renesas Electronics with respect to maximum ratings, operating power supply voltage range, heat dissipation characteristics, installation, etc. Renesas Electronics disclaims any and all liability for any malfunctions, failure or accident arising out of the use of Renesas Electronics products outside of such specified ranges.
 9. Although Renesas Electronics endeavors to improve the quality and reliability of Renesas Electronics products, semiconductor products have specific characteristics, such as the occurrence of failure at a certain rate and malfunctions under certain use conditions. Unless designated as a high reliability product or a product for harsh environments in a Renesas Electronics data sheet or other Renesas Electronics document, Renesas Electronics products are not subject to radiation resistance design. You are responsible for implementing safety measures to guard against the possibility of bodily injury, injury or damage caused by fire, and/or danger to the public in the event of a failure or malfunction of Renesas Electronics products, such as safety design for hardware and software, including but not limited to redundancy, fire control and malfunction prevention, appropriate treatment for aging degradation or any other appropriate measures. Because the evaluation of microcomputer software alone is very difficult and impractical, you are responsible for evaluating the safety of the final products or systems manufactured by you.
 10. Please contact a Renesas Electronics sales office for details as to environmental matters such as the environmental compatibility of each Renesas Electronics product. You are responsible for carefully and sufficiently investigating applicable laws and regulations that regulate the inclusion or use of controlled substances, including without limitation, the EU RoHS Directive, and using Renesas Electronics products in compliance with all these applicable laws and regulations. Renesas Electronics disclaims any and all liability for damages or losses occurring as a result of your noncompliance with applicable laws and regulations.
 11. Renesas Electronics products and technologies shall not be used for or incorporated into any products or systems whose manufacture, use, or sale is prohibited under any applicable domestic or foreign laws or regulations. You shall comply with any applicable export control laws and regulations promulgated and administered by the governments of any countries asserting jurisdiction over the parties or transactions.
 12. It is the responsibility of the buyer or distributor of Renesas Electronics products, or any other party who distributes, disposes of, or otherwise sells or transfers the product to a third party, to notify such third party in advance of the contents and conditions set forth in this document.
 13. This document shall not be reprinted, reproduced or duplicated in any form, in whole or in part, without prior written consent of Renesas Electronics.
 14. Please contact a Renesas Electronics sales office if you have any questions regarding the information contained in this document or Renesas Electronics products.
- (Note 1) "Renesas Electronics" as used in this document means Renesas Electronics Corporation and also includes its directly or indirectly controlled subsidiaries.
 (Note 2) "Renesas Electronics product(s)" means any product developed or manufactured by or for Renesas Electronics.

(Rev. 5.0-1 October 2020)

Difference outline

- Target:

Applicable products	RL78 family
Package	7x7mm 32pin LQFP , 48pin LFQFP 10x10mm 44pin LQFP , 64pin LFQFP 12x12mm 80pin LFQFP 14x14mm 100pin LFQFP

- Additional content:

Tray

- ✓ Add a tray for the above package.
- ✓ The notation of the end tab is different for the current tray and additional tray.
 - However, the dimensions of the current tray and the additional tray are the same.

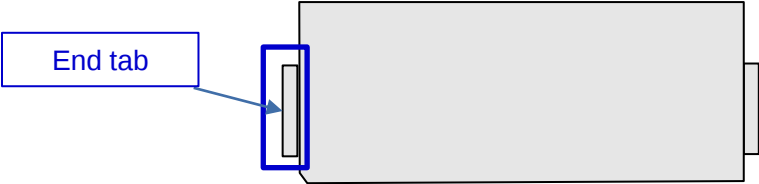
Desiccant

- ✓ Add a type of desiccant.
 - There is no change in the storage conditions.

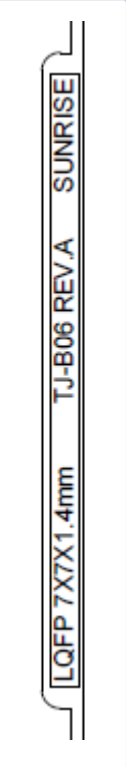
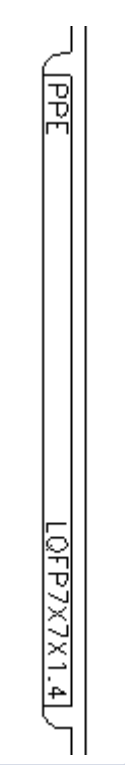
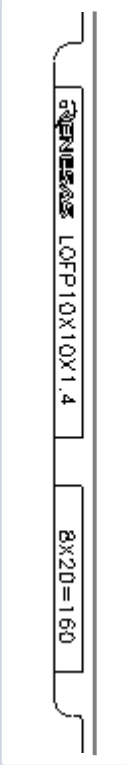
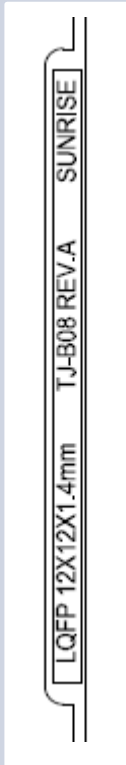
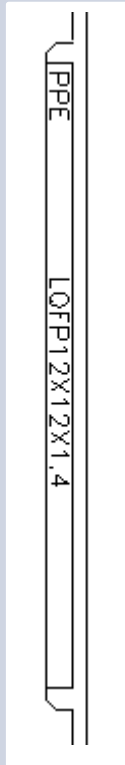
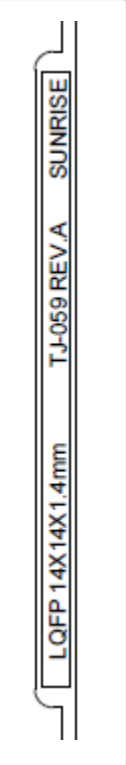
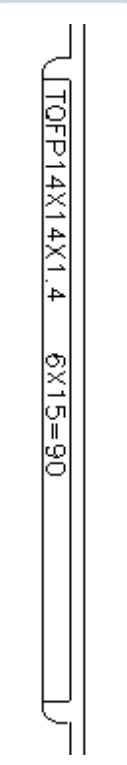
Difference of specification

Item		Difference
Applicable package		7x7mm 32pin LQFP , 48pin LFQFP 10x10mm 44pin LQFP , 64pin LFQFP 12x12mm 80pin LFQFP 14x14mm 100pin LFQFP
Tray	Outline	No difference
	Material	No difference
	Heatproof temperature	No difference
	End tab	There is difference (Refer to page 5-6)
Desiccant	Type	There is difference (Refer to page 7)

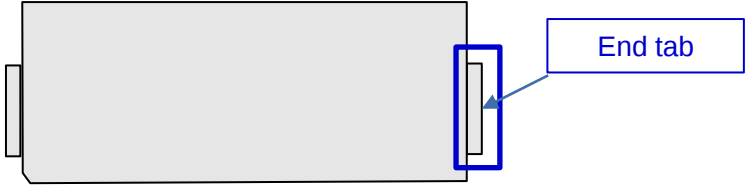
Difference of tray-1



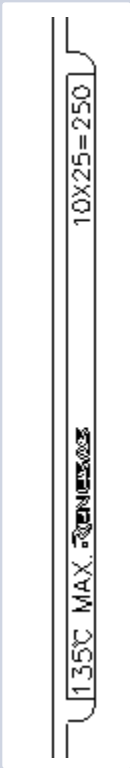
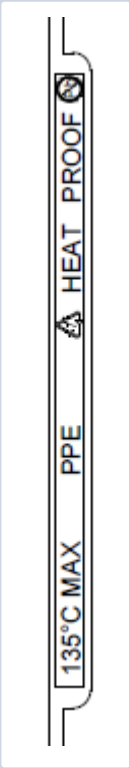
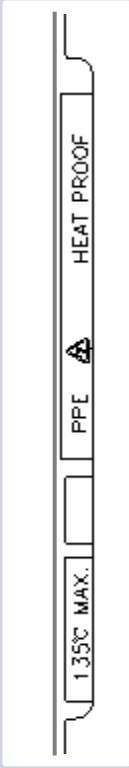
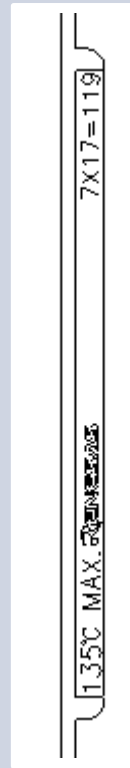
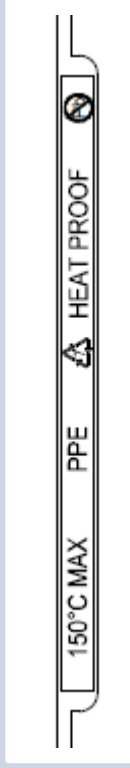
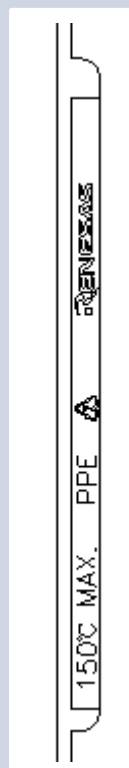
The notation of the end tab is different.

7x7mm		10x10mm		12x12mm		14x14mm	
							
Additional	Current	Additional	Current	Additional	Current	Additional	Current

Difference of tray-2



The notation of the end tab is different.

7x7mm		10x10mm		12x12mm		14x14mm	
							
Additional	Current	Additional	Current	Additional	Current	Additional	Current

Difference of desiccant

- Add a type of desiccant.
There is no change in the storage conditions.

	Additional	Current
Desiccant		

[Renesas.com](https://www.renesas.com)

Applicable_products_list_to_
add_tray_and_desiccant

No.	Ordering_PN
1	R5F100FAAFP#10
2	R5F100FAAFP#30
3	R5F100FADFP#10
4	R5F100FADFP#30
5	R5F100FAGFP#10
6	R5F100FCAA00FP#30
7	R5F100FCAA01FP#30
8	R5F100FCAA02FP#30
9	R5F100FCAA03FP#30
10	R5F100FCAA04FP#30
11	R5F100FCAFP#10
12	R5F100FCAFP#30
13	R5F100FCDE00FP#30
14	R5F100FCDE01FP#30
15	R5F100FCDE02FP#30
16	R5F100FCDFP#10
17	R5F100FCDFP#30
18	R5F100FCGFP#10
19	R5F100FDA100FP#30
20	R5F100FDAFP#10
21	R5F100FDAFP#30
22	R5F100FDDFP#10
23	R5F100FDDFP#30
24	R5F100FDGFP#10
25	R5F100FEAFP#10
26	R5F100FEAFP#30
27	R5F100FEDFP#10
28	R5F100FEDFP#30
29	R5F100FEGFP#10
30	R5F100FFAFP#10
31	R5F100FFAFP#30
32	R5F100FFDFP#10
33	R5F100FFDFP#30
34	R5F100FFGFP#10
35	R5F100FGAFP#10
36	R5F100FGAFP#30
37	R5F100FGDFP#10
38	R5F100FGDFP#30
39	R5F100FGGFP#10
40	R5F100FHAFP#10
41	R5F100FHAFP#30
42	R5F100FHDFP#10
43	R5F100FHDFP#30
44	R5F100FHGFP#10
45	R5F100FJAFP#10
46	R5F100FJAFP#30
47	R5F100FJDFP#10
48	R5F100FJDFP#30
49	R5F100FJGFP#10
50	R5F100FKAFP#10
51	R5F100FKAFP#30
52	R5F100FKDFP#10
53	R5F100FKDFP#30
54	R5F100FLAFP#10
55	R5F100FLAFP#30
56	R5F100FLDFP#10
57	R5F100FLDFP#30
58	R5F100GAAA00FB#30
59	R5F100GAAA01FB#30
60	R5F100GAAFB#10
61	R5F100GAAFB#30
62	R5F100GADFB#10
63	R5F100GADFB#30
64	R5F100GAGFB#10
65	R5F100GCAFB#10
66	R5F100GCAFB#30
67	R5F100GCDFB#10
68	R5F100GCDFB#30
69	R5F100GCGFB#10
70	R5F100GDA100FB#30
71	R5F100GDAA00FB#30
72	R5F100GDADF#10
73	R5F100GDADF#30
74	R5F100GDDFB#10
75	R5F100GDDFB#30
76	R5F100GDGFB#10
77	R5F100GEA100FB#30

Applicable_products_list_to_
add_tray_and_desiccant

No.	Ordering_PN
78	R5F100GEA101FB#30
79	R5F100GEAFB#10
80	R5F100GEAFB#30
81	R5F100GED200FB#30
82	R5F100GEDFB#10
83	R5F100GEDFB#30
84	R5F100GEGFB#10
85	R5F100GFA100FB#30
86	R5F100GFA101FB#30
87	R5F100GFAA00FB#30
88	R5F100GFAA01FB#30
89	R5F100GFAA02FB#30
90	R5F100GFAA03FB#30
91	R5F100GFAFB#10
92	R5F100GFAFB#30
93	R5F100GFDFB#10
94	R5F100GFDFB#30
95	R5F100GFGFB#10
96	R5F100GGAFB#10
97	R5F100GGAFB#30
98	R5F100GGDFB#10
99	R5F100GGDFB#30
100	R5F100GGGFB#10
101	R5F100GHAFB#10
102	R5F100GHAFB#30
103	R5F100GHDE00FB#30
104	R5F100GHDFB#10
105	R5F100GHDFB#30
106	R5F100GHGFB#10
107	R5F100GJAFB#10
108	R5F100GJAFB#30
109	R5F100GJDFB#10
110	R5F100GJDFB#30
111	R5F100GJGFB#10
112	R5F100GKAFB#10
113	R5F100GKAFB#30
114	R5F100GKDFB#10
115	R5F100GKDFB#30
116	R5F100GLA100FB#30
117	R5F100GLA101FB#30
118	R5F100GLA102FB#30
119	R5F100GLA103FB#30
120	R5F100GLAA02FB#30
121	R5F100GLAA03FB#30
122	R5F100GLAA04FB#30
123	R5F100GLAFB#10
124	R5F100GLAFB#30
125	R5F100GLDFB#10
126	R5F100GLDFB#30
127	R5F100LCAFB#10
128	R5F100LCAFB#30
129	R5F100LCDFB#10
130	R5F100LCDFB#30
131	R5F100LCGFB#10
132	R5F100LDAFB#10
133	R5F100LDAFB#30
134	R5F100LDDFB#10
135	R5F100LDDFB#30
136	R5F100LDGFB#10
137	R5F100LEAFB#10
138	R5F100LEAFB#30
139	R5F100LEDFB#10
140	R5F100LEDFB#30
141	R5F100LEGFB#10
142	R5F100LFAA00FB#30
143	R5F100LFAFB#10
144	R5F100LFAFB#30
145	R5F100LFD FB#10
146	R5F100LFD FB#30
147	R5F100LFGFB#10
148	R5F100LGAFB#10
149	R5F100LGAFB#30
150	R5F100LGDFB#10
151	R5F100LGDFB#30
152	R5F100LGGFB#10
153	R5F100LHAFB#10
154	R5F100LHAFB#30

Applicable_products_list_to_
add_tray_and_desiccant

No.	Ordering_PN
155	R5F100LHDFB#10
156	R5F100LHDFB#30
157	R5F100LHGFB#10
158	R5F100LJAFB#10
159	R5F100LJAFB#30
160	R5F100LJDFB#10
161	R5F100LJDFB#30
162	R5F100LJGFB#10
163	R5F100LKAFB#10
164	R5F100LKAFB#30
165	R5F100LKDFB#10
166	R5F100LKDFB#30
167	R5F100LKGFB#10
168	R5F100LLAFB#10
169	R5F100LLAFB#30
170	R5F100LLDFB#10
171	R5F100LLDFB#30
172	R5F100LLGFB#10
173	R5F100MFAFB#10
174	R5F100MFAFB#30
175	R5F100MFDDB#10
176	R5F100MFDDB#30
177	R5F100MFGFB#10
178	R5F100MGAA02FB#30
179	R5F100MGAA04FB#30
180	R5F100MGAFB#10
181	R5F100MGAFB#30
182	R5F100MGDFB#10
183	R5F100MGDFB#30
184	R5F100MGGFB#10
185	R5F100MHAFB#10
186	R5F100MHAFB#30
187	R5F100MHDFB#10
188	R5F100MHDFB#30
189	R5F100MHGFB#10
190	R5F100MJAFB#10
191	R5F100MJAFB#30
192	R5F100MJDFB#10
193	R5F100MJDFB#30
194	R5F100MJGFB#10
195	R5F100MKAFB#10
196	R5F100MKAFB#30
197	R5F100MKDFB#10
198	R5F100MKDFB#30
199	R5F100MKGFB#10
200	R5F100MLAFB#10
201	R5F100MLAFB#30
202	R5F100MLDFB#10
203	R5F100MLDFB#30
204	R5F100MLGFB#10
205	R5F100PFAA00FB#30
206	R5F100PFAA01FB#30
207	R5F100PFAA02FB#30
208	R5F100PFAA03FB#30
209	R5F100PFAFB#10
210	R5F100PFAFB#30
211	R5F100PFDFB#10
212	R5F100PFDFB#30
213	R5F100PFGFB#10
214	R5F100PGAA00FB#30
215	R5F100PGAA01FB#30
216	R5F100PGAFB#10
217	R5F100PGAFB#30
218	R5F100PGDFB#10
219	R5F100PGDFB#30
220	R5F100PGGFB#10
221	R5F100PHAA00FB#30
222	R5F100PHAFA#10
223	R5F100PHAFA#30
224	R5F100PHDFB#10
225	R5F100PHDFB#30
226	R5F100PHGFB#10
227	R5F100PJAFB#10
228	R5F100PJAFB#30
229	R5F100PJDFB#10
230	R5F100PJDFB#30
231	R5F100PJGFB#10

Applicable_products_list_to_
add_tray_and_desiccant

No.	Ordering_PN
232	R5F100PKAFB#10
233	R5F100PKAFB#30
234	R5F100PKDFB#10
235	R5F100PKDFB#30
236	R5F100PKGFB#10
237	R5F100PLAA00FB#30
238	R5F100PLAA01FB#30
239	R5F100PLAFB#10
240	R5F100PLAFB#30
241	R5F100PLDFB#10
242	R5F100PLDFB#30
243	R5F100PLGFB#10
244	R5F101FAA100FP#30
245	R5F101FAA07FP#30
246	R5F101FAA09FP#30
247	R5F101FAA10FP#30
248	R5F101FAAFP#10
249	R5F101FAAFP#30
250	R5F101FADE00FP#30
251	R5F101FADFP#10
252	R5F101FADFP#30
253	R5F101FCAA00FP#30
254	R5F101FCAA01FP#30
255	R5F101FCAFP#10
256	R5F101FCAFP#30
257	R5F101FCDFP#10
258	R5F101FCDFP#30
259	R5F101FDAFP#10
260	R5F101FDAFP#30
261	R5F101FDDFP#10
262	R5F101FDDFP#30
263	R5F101FEAFP#10
264	R5F101FEAFP#30
265	R5F101FEDFP#10
266	R5F101FEDFP#30
267	R5F101FFAFP#10
268	R5F101FFAFP#30
269	R5F101FFDFP#10
270	R5F101FFDFP#30
271	R5F101FGAFP#10
272	R5F101FGAFP#30
273	R5F101FGDFP#10
274	R5F101FGDFP#30
275	R5F101FHAFP#10
276	R5F101FHAFP#30
277	R5F101FHDFP#10
278	R5F101FHDFP#30
279	R5F101FJAFP#10
280	R5F101FJAFP#30
281	R5F101FJDFP#10
282	R5F101FJDFP#30
283	R5F101FKAFP#10
284	R5F101FKAFP#30
285	R5F101FKDFP#10
286	R5F101FKDFP#30
287	R5F101FLAFP#10
288	R5F101FLAFP#30
289	R5F101FLDFP#10
290	R5F101FLDFP#30
291	R5F101GAAFB#10
292	R5F101GAAFB#30
293	R5F101GADFB#10
294	R5F101GADFB#30
295	R5F101GCAFB#10
296	R5F101GCAFB#30
297	R5F101GCDFB#10
298	R5F101GCDFB#30
299	R5F101GDAFB#10
300	R5F101GDAFB#30
301	R5F101GDDBF#10
302	R5F101GDDBF#30
303	R5F101GEAFB#10
304	R5F101GEAFB#30
305	R5F101GEDFB#10
306	R5F101GEDFB#30
307	R5F101GFAFB#10
308	R5F101GFAFB#30

Applicable_products_list_to_
add_tray_and_desiccant

No.	Ordering_PN
309	R5F101GFDFB#10
310	R5F101GFDFB#30
311	R5F101GGAFB#10
312	R5F101GGAFB#30
313	R5F101GGDFB#10
314	R5F101GGDFB#30
315	R5F101GHAFB#10
316	R5F101GHAFB#30
317	R5F101GHDFB#10
318	R5F101GHDFB#30
319	R5F101GJAFB#10
320	R5F101GJAFB#30
321	R5F101GJDFB#10
322	R5F101GJDFB#30
323	R5F101GKAFB#10
324	R5F101GKAFB#30
325	R5F101GKDFB#10
326	R5F101GKDFB#30
327	R5F101GLAFB#10
328	R5F101GLAFB#30
329	R5F101GLDFB#10
330	R5F101GLDFB#30
331	R5F101LCAFB#10
332	R5F101LCAFB#30
333	R5F101LCDFB#10
334	R5F101LCDFB#30
335	R5F101LDAFB#10
336	R5F101LDAFB#30
337	R5F101LDDE00FB#30
338	R5F101LDDFB#10
339	R5F101LDDFB#30
340	R5F101LEAFB#10
341	R5F101LEAFB#30
342	R5F101LEDFB#10
343	R5F101LEDFB#30
344	R5F101LFAA00FB#30
345	R5F101LFAFB#10
346	R5F101LFAFB#30
347	R5F101LFDDB#10
348	R5F101LFDDB#30
349	R5F101LGA100FB#30
350	R5F101LGAFB#10
351	R5F101LGAFB#30
352	R5F101LGDFB#10
353	R5F101LGDFB#30
354	R5F101LHAFB#10
355	R5F101LHAFB#30
356	R5F101LHDFB#10
357	R5F101LHDFB#30
358	R5F101LJAFB#10
359	R5F101LJAFB#30
360	R5F101LJDFB#10
361	R5F101LJDFB#30
362	R5F101LKAFB#10
363	R5F101LKAFB#30
364	R5F101LKDFB#10
365	R5F101LKDFB#30
366	R5F101LLAFB#10
367	R5F101LLAFB#30
368	R5F101LLDFB#10
369	R5F101LLDFB#30
370	R5F101MFAA00FB#30
371	R5F101MFAFB#10
372	R5F101MFAFB#30
373	R5F101MFDFB#10
374	R5F101MFDFB#30
375	R5F101MGAA00FB#30
376	R5F101MGAA01FB#30
377	R5F101MGAA02FB#30
378	R5F101MGAA03FB#30
379	R5F101MGAA04FB#30
380	R5F101MGAA05FB#30
381	R5F101MGAA06FB#30
382	R5F101MGAA07FB#30
383	R5F101MGAA08FB#30
384	R5F101MGAFB#10
385	R5F101MGAFB#30

Applicable_products_list_to_
add_tray_and_desiccant

No.	Ordering_PN
386	R5F101MGDFB#10
387	R5F101MGDFB#30
388	R5F101MHAFFB#10
389	R5F101MHAFFB#30
390	R5F101MHDFB#10
391	R5F101MHDFB#30
392	R5F101MJAFB#10
393	R5F101MJAFB#30
394	R5F101MJDE00FB#30
395	R5F101MJDE01FB#30
396	R5F101MJDE02FB#30
397	R5F101MJDE03FB#30
398	R5F101MJDE04FB#30
399	R5F101MJDFB#10
400	R5F101MJDFB#30
401	R5F101MKAFFB#10
402	R5F101MKAFFB#30
403	R5F101MKDFB#10
404	R5F101MKDFB#30
405	R5F101MLAFB#10
406	R5F101MLAFB#30
407	R5F101MLDFB#10
408	R5F101MLDFB#30
409	R5F101PFAFFB#10
410	R5F101PFAFFB#30
411	R5F101PFDFB#10
412	R5F101PFDFB#30
413	R5F101PGAFFB#10
414	R5F101PGAFFB#30
415	R5F101PGDFB#10
416	R5F101PGDFB#30
417	R5F101PHAFFB#10
418	R5F101PHAFFB#30
419	R5F101PHDFB#10
420	R5F101PHDFB#30
421	R5F101PJAFB#10
422	R5F101PJAFB#30
423	R5F101PJDFB#10
424	R5F101PJDFB#30
425	R5F101PKAFB#10
426	R5F101PKAFB#30
427	R5F101PKDFB#10
428	R5F101PKDFB#30
429	R5F101PLAFB#10
430	R5F101PLAFB#30
431	R5F101PLDFB#10
432	R5F101PLDFB#30
433	R5F104BAAFP#10
434	R5F104BAGFP#10
435	R5F104BCAFP#10
436	R5F104BCGFP#10
437	R5F104BDAFP#10
438	R5F104BDGFP#10
439	R5F104BEAFP#10
440	R5F104BEGFP#10
441	R5F104BFAFP#10
442	R5F104BFGFP#10
443	R5F104BGAFP#10
444	R5F104BGGFP#10
445	R5F104FAAFP#10
446	R5F104FAAFP#30
447	R5F104FADFP#10
448	R5F104FADFP#30
449	R5F104FAGFP#10
450	R5F104FCAFP#10
451	R5F104FCAFP#30
452	R5F104FCDFP#10
453	R5F104FCDFP#30
454	R5F104FCGFP#10
455	R5F104FDA100FP#30
456	R5F104FDAFP#10
457	R5F104FDAFP#30
458	R5F104FDDFP#10
459	R5F104FDDFP#30
460	R5F104FDGFP#10
461	R5F104FEAFP#10
462	R5F104FEAFP#30

Applicable_products_list_to_
add_tray_and_desiccant

No.	Ordering_PN
463	R5F104FEDFP#10
464	R5F104FEDFP#30
465	R5F104FEGFP#10
466	R5F104FFAFP#10
467	R5F104FFAFP#30
468	R5F104FFDFP#10
469	R5F104FFDFP#30
470	R5F104FFGFP#10
471	R5F104FGAFP#10
472	R5F104FGAFP#30
473	R5F104FGDFP#10
474	R5F104FGDFP#30
475	R5F104FGGFP#10
476	R5F104FHAFP#10
477	R5F104FHAFP#30
478	R5F104FHDFP#10
479	R5F104FHDFP#30
480	R5F104FHGFP#10
481	R5F104FJAFP#10
482	R5F104FJAFP#30
483	R5F104FJDFP#10
484	R5F104FJDFP#30
485	R5F104FJGFP#10
486	R5F104GAAA00FB#30
487	R5F104GAAPB#10
488	R5F104GAAPB#30
489	R5F104GADFB#10
490	R5F104GADFB#30
491	R5F104GAGFB#10
492	R5F104GCAFB#10
493	R5F104GCAFB#30
494	R5F104GCDE03FB#30
495	R5F104GCDE04FB#30
496	R5F104GCDE05FB#30
497	R5F104GCDE06FB#30
498	R5F104GCDE08FB#30
499	R5F104GCDFB#10
500	R5F104GCDFB#30
501	R5F104GCGFB#10
502	R5F104GDAPB#10
503	R5F104GDAPB#30
504	R5F104GDDBF#10
505	R5F104GDDBF#30
506	R5F104GDGFB#10
507	R5F104GEAPB#10
508	R5F104GEAPB#30
509	R5F104GEDFB#10
510	R5F104GEDFB#30
511	R5F104GEGFB#10
512	R5F104GFAFB#10
513	R5F104GFAFB#30
514	R5F104GFDFB#10
515	R5F104GFDFB#30
516	R5F104GFGFB#10
517	R5F104GGAA00FB#30
518	R5F104GGAPB#10
519	R5F104GGAPB#30
520	R5F104GGDFB#10
521	R5F104GGDFB#30
522	R5F104GGGFB#10
523	R5F104GHAPB#10
524	R5F104GHAPB#30
525	R5F104GHDFB#10
526	R5F104GHDFB#30
527	R5F104GHGFB#10
528	R5F104GJAPB#10
529	R5F104GJAPB#30
530	R5F104GJDFB#10
531	R5F104GJDFB#30
532	R5F104GJGFB#10
533	R5F104GKAPB#10
534	R5F104GKAPB#30
535	R5F104GKGFB#10
536	R5F104GLAPB#10
537	R5F104GLAPB#30
538	R5F104GLGFB#10
539	R5F104LCAFB#10

Applicable_products_list_to_
add_tray_and_desiccant

No.	Ordering_PN
540	R5F104LCAFB#30
541	R5F104LCDFB#10
542	R5F104LCDFB#30
543	R5F104LCGFB#10
544	R5F104LDAFB#10
545	R5F104LDAFB#30
546	R5F104LDDFB#10
547	R5F104LDDFB#30
548	R5F104LDGFB#10
549	R5F104LEAFB#10
550	R5F104LEAFB#30
551	R5F104LEDFB#10
552	R5F104LEDFB#30
553	R5F104LEGFB#10
554	R5F104LFAFB#10
555	R5F104LFAFB#30
556	R5F104LFDDB#10
557	R5F104LFDDB#30
558	R5F104LFGFB#10
559	R5F104LGAFB#10
560	R5F104LGAFB#30
561	R5F104LGDFB#10
562	R5F104LGDFB#30
563	R5F104LGGFB#10
564	R5F104LHAA00FB#30
565	R5F104LHAFB#10
566	R5F104LHAFB#30
567	R5F104LHDFB#10
568	R5F104LHDFB#30
569	R5F104LHGFB#10
570	R5F104LJAFB#10
571	R5F104LJAFB#30
572	R5F104LJDFB#10
573	R5F104LJDFB#30
574	R5F104LJGFB#10
575	R5F104LKAFB#10
576	R5F104LKAFB#30
577	R5F104LKGFB#10
578	R5F104LLAFB#10
579	R5F104LLAFB#30
580	R5F104LLGFB#10
581	R5F104MFAA00FB#30
582	R5F104MFAA01FB#30
583	R5F104MFAA02FB#30
584	R5F104MFAA03FB#30
585	R5F104MFAA04FB#30
586	R5F104MFAA05FB#30
587	R5F104MFAFB#10
588	R5F104MFAFB#30
589	R5F104MFDDB#10
590	R5F104MFDDB#30
591	R5F104MFGFB#10
592	R5F104MGAFB#10
593	R5F104MGAFB#30
594	R5F104MGDFB#10
595	R5F104MGDFB#30
596	R5F104MGGFB#10
597	R5F104MHAA00FB#30
598	R5F104MHAA06FB#30
599	R5F104MHAFB#10
600	R5F104MHAFB#30
601	R5F104MHDDB#10
602	R5F104MHDDB#30
603	R5F104MHGFB#10
604	R5F104MJAFB#10
605	R5F104MJAFB#30
606	R5F104MJDFB#10
607	R5F104MJDFB#30
608	R5F104MJGFB#10
609	R5F104MKAFB#10
610	R5F104MKAFB#30
611	R5F104MKGFB#10
612	R5F104MLAFB#10
613	R5F104MLAFB#30
614	R5F104MLGFB#10
615	R5F104PFAA00FB#30
616	R5F104PFAFB#10

Applicable_products_list_to_
add_tray_and_desiccant

No.	Ordering_PN
617	R5F104PFAFB#30
618	R5F104PFDFB#10
619	R5F104PFDFB#30
620	R5F104PFGFB#10
621	R5F104PGAFA#10
622	R5F104PGAFA#30
623	R5F104PGDFB#10
624	R5F104PGDFB#30
625	R5F104PGGFB#10
626	R5F104PHAFA#10
627	R5F104PHAFA#30
628	R5F104PHDFB#10
629	R5F104PHDFB#30
630	R5F104PHGFB#10
631	R5F104PJAA00FB#30
632	R5F104PJAFB#10
633	R5F104PJAFB#30
634	R5F104PJDFB#10
635	R5F104PJDFB#30
636	R5F104PJGFB#10
637	R5F104PKAFB#10
638	R5F104PKAFB#30
639	R5F104PKGFB#10
640	R5F104PLAFB#10
641	R5F104PLAFB#30
642	R5F104PLGFB#10
643	R5F10MMEDFB#10
644	R5F10MMEDFB#30
645	R5F10MMGDFB#10
646	R5F10MMGDFB#30
647	R5F10MPEDFB#10
648	R5F10MPEDFB#30
649	R5F10MPGDFB#10
650	R5F10MPGDFB#30
651	R5F10NLEDFB#10
652	R5F10NLEDFB#15
653	R5F10NLEDFB#30
654	R5F10NLEDFB#35
655	R5F10NLGDFB#10
656	R5F10NLGDFB#15
657	R5F10NLGDFB#30
658	R5F10NLGDFB#35
659	R5F10NMEDFB#10
660	R5F10NMEDFB#15
661	R5F10NMEDFB#30
662	R5F10NMEDFB#35
663	R5F10NMGDFB#10
664	R5F10NMGDFB#15
665	R5F10NMGDFB#30
666	R5F10NMGDFB#35
667	R5F10NMJDFB#10
668	R5F10NMJDFB#15
669	R5F10NMJDFB#30
670	R5F10NMJDFB#35
671	R5F10NMLDFB#10
672	R5F10NMLDFB#30
673	R5F10NPGDFB#10
674	R5F10NPGDFB#15
675	R5F10NPGDFB#30
676	R5F10NPGDFB#35
677	R5F10NPJDFB#10
678	R5F10NPJDFB#15
679	R5F10NPJDFB#30
680	R5F10NPJDFB#35
681	R5F10NPLDFB#10
682	R5F10NPLDFB#30
683	R5F10RB8AFP#10
684	R5F10RB8GFP#10
685	R5F10RBAAFP#10
686	R5F10RBAGFP#10
687	R5F10RBCAFP#10
688	R5F10RBCGFP#10
689	R5F10RF8AA00FP#30
690	R5F10RF8AFP#10
691	R5F10RF8AFP#30
692	R5F10RF8GFP#10
693	R5F10RFAAFP#10

Applicable_products_list_to_
add_tray_and_desiccant

No.	Ordering_PN
694	R5F10RFAAFP#30
695	R5F10RFAGFP#10
696	R5F10RFCAA00FP#30
697	R5F10RFCAA01FP#30
698	R5F10RFCAA03FP#30
699	R5F10RFCAA04FP#30
700	R5F10RFCAA05FP#30
701	R5F10RFCAA06FP#30
702	R5F10RFCAA07FP#30
703	R5F10RFCAA08FP#30
704	R5F10RFCAA09FP#30
705	R5F10RFCAA10FP#30
706	R5F10RFCAA11FP#30
707	R5F10RFCAA12FP#30
708	R5F10RFCAA13FP#30
709	R5F10RFCAA14FP#30
710	R5F10RFCAA15FP#30
711	R5F10RFCAA16FP#30
712	R5F10RFCAA17FP#30
713	R5F10RFCAA18FP#30
714	R5F10RFCAA19FP#30
715	R5F10RFCAA20FP#30
716	R5F10RFCAA21FP#30
717	R5F10RFCAA22FP#30
718	R5F10RFCAA23FP#30
719	R5F10RFCAA24FP#30
720	R5F10RFCAA25FP#30
721	R5F10RFCAA26FP#30
722	R5F10RFCAA27FP#30
723	R5F10RFCAFP#10
724	R5F10RFCAFP#30
725	R5F10RFCGFP#10
726	R5F10RG8AFB#10
727	R5F10RG8AFB#30
728	R5F10RG8GFB#10
729	R5F10RGAAA00FB#30
730	R5F10RGAAA01FB#30
731	R5F10RGAAA02FB#30
732	R5F10RGAAA03FB#30
733	R5F10RGAAA04FB#30
734	R5F10RGAAA05FB#30
735	R5F10RGAAA07FB#30
736	R5F10RGAAFB#10
737	R5F10RGAAFB#30
738	R5F10RGAGFB#10
739	R5F10RGCAFB#10
740	R5F10RGCAFB#30
741	R5F10RGCAH99FB#30
742	R5F10RGCGFB#10
743	R5F10RLAAFB#10
744	R5F10RLAAFB#30
745	R5F10RLAGFB#10
746	R5F10RLCAA00FB#30
747	R5F10RLCAFB#10
748	R5F10RLCAFB#30
749	R5F10RLCGFB#10
750	R5F10WLAAFB#10
751	R5F10WLAAFB#30
752	R5F10WLAGFB#10
753	R5F10WLCAFB#10
754	R5F10WLCAFB#30
755	R5F10WLCGFB#10
756	R5F10WLDAFB#10
757	R5F10WLDAFB#30
758	R5F10WLDGFB#10
759	R5F10WLEAA00FB#30
760	R5F10WLEAA01FB#30
761	R5F10WLEAA03FB#30
762	R5F10WLEAFB#10
763	R5F10WLEAFB#30
764	R5F10WLEGFB#10
765	R5F10WLFAFB#10
766	R5F10WLFAFB#30
767	R5F10WLFGFB#10
768	R5F10WLGAFB#10
769	R5F10WLGAFB#30
770	R5F10WLGGB#10

Applicable_products_list_to_
add_tray_and_desiccant

No.	Ordering_PN
771	R5F10WMAAFB#10
772	R5F10WMAAFB#30
773	R5F10WMAGFB#10
774	R5F10WMCAA00FB#30
775	R5F10WMCAA01FB#30
776	R5F10WMCAFB#10
777	R5F10WMCAFB#30
778	R5F10WMCGFB#10
779	R5F10WMDAFB#10
780	R5F10WMDAFB#30
781	R5F10WMDGFB#10
782	R5F10WMEAFB#10
783	R5F10WMEAFB#30
784	R5F10WMEGFB#10
785	R5F10WMFAA01FB#30
786	R5F10WMFAFB#10
787	R5F10WMFAFB#30
788	R5F10WMFGFB#10
789	R5F10WMGAFB#10
790	R5F10WMGAFB#30
791	R5F10WMGGFB#10
792	R5F110MEAFB#10
793	R5F110MEGFB#10
794	R5F110MFAFB#10
795	R5F110MFGFB#10
796	R5F110MGAFB#10
797	R5F110MGGFB#10
798	R5F110MHAFB#10
799	R5F110MHGFB#10
800	R5F110MJAFB#10
801	R5F110MJGFB#10
802	R5F110PEAFB#10
803	R5F110PEGFB#10
804	R5F110PFAFB#10
805	R5F110PFGFB#10
806	R5F110PGAFB#10
807	R5F110PGGFB#10
808	R5F110PHAFB#10
809	R5F110PHGFB#10
810	R5F110PJAFB#10
811	R5F110PJGFB#10
812	R5F111MEAFB#10
813	R5F111MEGFB#10
814	R5F111MFAFB#10
815	R5F111MFGFB#10
816	R5F111MGAFB#10
817	R5F111MGGFB#10
818	R5F111MHAFB#10
819	R5F111MHGFB#10
820	R5F111MJAFB#10
821	R5F111MJGFB#10
822	R5F111PEAFB#10
823	R5F111PEGFB#10
824	R5F111PFAFB#10
825	R5F111PFGFB#10
826	R5F111PGAFB#10
827	R5F111PGGFB#10
828	R5F111PHAFB#10
829	R5F111PHGFB#10
830	R5F111PJAFB#10
831	R5F111PJGFB#10
832	R5F11BBCAFP#10
833	R5F11BBCGFP#10
834	R5F11BBEAFP#10
835	R5F11BBEGFP#10
836	R5F11BGCAFB#10
837	R5F11BGCGFB#10
838	R5F11BGEAFB#10
839	R5F11BGEGB#10
840	R5F11BLCAFB#10
841	R5F11BLCGFB#10
842	R5F11BLEAFB#10
843	R5F11BLEGB#10
844	R5F11MMDAFB#10
845	R5F11MMEAFB#10
846	R5F11MMFAFB#10
847	R5F11MPEAFB#10

Applicable_products_list_to_
add_tray_and_desiccant

No.	Ordering_PN
848	R5F11MPFAFB#10
849	R5F11MPGAFB#10
850	R5F11TLEDFB#10
851	R5F11TLEDFB#15
852	R5F11TLEDFB#30
853	R5F11TLEDFB#35
854	R5F11TLGDFB#10
855	R5F11TLGDFB#15
856	R5F11TLGDFB#30
857	R5F11TLGDFB#35
858	R5F1ZUMCDFB#10
859	R5F1ZUMCDFB#30
860	R7F0C001G2DFB-C#AA0
861	R7F0C001G2DFB-C#AA9
862	R7F0C001G2DFB-C#BA0
863	R7F0C001G2DFB-C#BA9
864	R7F0C001L2DFB-C#AA0
865	R7F0C001L2DFB-C#BA0
866	R7F0C002G2DFB-C#AA0
867	R7F0C002G2DFB-C#BA0
868	R7F0C002L2DFB-C#AA0
869	R7F0C002L2DFB-C#BA0
870	R7F0C003M2DFB-C#BA0
871	R7F0C004M2DFB-C#BA0
872	R7F0C019L2DFB-C#BA0
873	R7F0C903B2DFP-C#BA0
874	R7F0C904B2DFP-C#BA0
875	R7F0C905B2DFP-C#BA0
876	R7F0C905B2DFP-C#BA9
877	R7F0C906B2DFP-C#BA0
878	R7F0C907B2DFP-C#BA0
879	R7F0C908B2DFP-C#BA0