

To our customers,

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## Old Company Name in Catalogs and Other Documents

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On April 1<sup>st</sup>, 2010, NEC Electronics Corporation merged with Renesas Technology Corporation, and Renesas Electronics Corporation took over all the business of both companies. Therefore, although the old company name remains in this document, it is a valid Renesas Electronics document. We appreciate your understanding.

Renesas Electronics website: <http://www.renesas.com>

April 1<sup>st</sup>, 2010  
Renesas Electronics Corporation

Issued by: Renesas Electronics Corporation (<http://www.renesas.com>)

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# RENESAS TECHNICAL UPDATE

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Renesas Technology Corp.

Product Category	Package		Document No.	TN-PMC-A003A/E	Rev.	1.00
Title	Shape change of 52 pin LQFP(PLQP0052JA-A) support lead		Information Category	Change of Packages		
Applicable Product	Microcomputer using PLQP0052JA-A package	Lot No.	Reference Document	Details of support lead change List of applicable model names		

## 1.Purpose

We change support lead shape of 52 pins LQFP(PLQP0052JA-A) for the productivity improvement and the quality stabilization of the assembling process of the package.

## 2. List of applicable model names

Please refer to the attached list.

## 3 . Contents of change

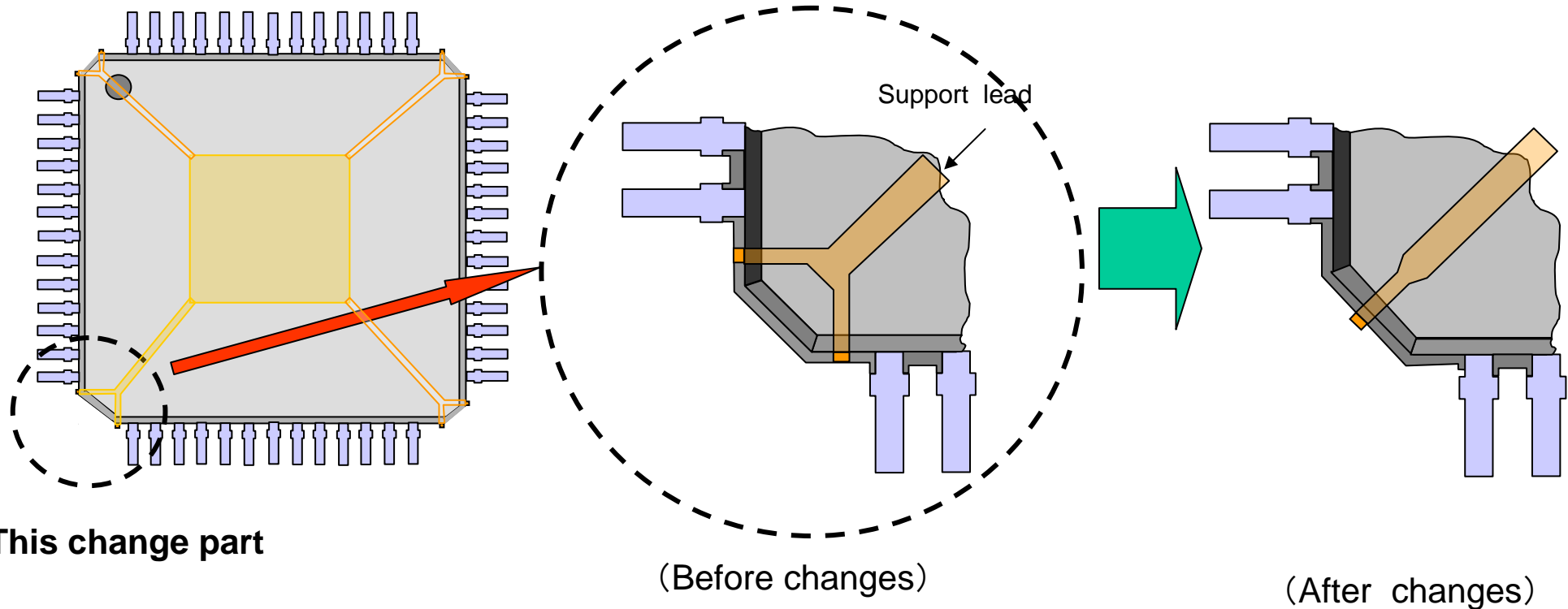
Support lead shape in the package resin injection corner has been changed. There is no influence on an electric characteristic and reliability, and there is no change with other parts. Please refer subsequent page .

## 4 . Applicable Time

Changed package are to be applied for the products shipped from June, 2009.

# Content of 52P6A support lead shape change

Support lead shape in the package resin gate corner is changed for the productivity improvement and the quality stabilization as follows. There is no influence on an electric characteristic and reliability, and there is no change with other parts .



# List of applicable model names

No	model names
1	M34559G6FP
2	M34559G6-XXXFP
3	M3455AG8FP
4	M3455AG8-XXXFP
5	M3455AGCFP
6	M3455AGC-XXXFP
7	R5F21244SDFP
8	R5F21244SDXXXFP
9	R5F21244SNFP
10	R5F21244SNXXXFP
11	R5F21244SYFP
12	R5F21244SYXXXFP
13	R5F21245SDFP
14	R5F21245SDXXXFP
15	R5F21245SNFP
16	R5F21245SNXXXFP
17	R5F21245SYFP
18	R5F21245SYXXXFP
19	R5F21246SDFP
20	R5F21246SDXXXFP
21	R5F21246SNFP
22	R5F21246SNXXXFP
23	R5F21246SYFP
24	R5F21246SYXXXFP
25	R5F21254SDFP
26	R5F21254SDXXXFP
27	R5F21254SNFP
28	R5F21254SNXXXFP
29	R5F21254SYFP
30	R5F21254SYXXXFP
31	R5F21255SDFP
32	R5F21255SDXXXFP
33	R5F21255SNFP
34	R5F21255SNXXXFP
35	R5F21255SYFP

No	model names
36	R5F21255SYXXXFP
37	R5F21256SDFP
38	R5F21256SDXXXFP
39	R5F21256SNFP
40	R5F21256SNXXXFP
41	R5F21256SYFP
42	R5F21256SYXXXFP
43	R5F21244SDFP
44	R5F21244SDXXXFP
45	R5F21244SNFP
46	R5F21244SNXXXFP
47	R5F21244SYFP
48	R5F21244SYXXXFP
49	R5F21245SDFP
50	R5F21245SDXXXFP
51	R5F21245SNFP
52	R5F21245SNXXXFP
53	R5F21245SYFP
54	R5F21245SYXXXFP
55	R5F21246SDFP
56	R5F21246SDXXXFP
57	R5F21246SNFP
58	R5F21246SNXXXFP
59	R5F21246SYFP
60	R5F21246SYXXXFP
61	R5F21254SDFP
62	R5F21254SDXXXFP
63	R5F21254SNFP
64	R5F21254SNXXXFP
65	R5F21254SYFP
66	R5F21254SYXXXFP
67	R5F21255SDFP
68	R5F21255SDXXXFP
69	R5F21255SNFP
70	R5F21255SNXXXFP

No	model names
71	R5F21255SYFP
72	R5F21255SYXXXFP
73	R5F21256SDFP
74	R5F21256SDXXXFP
75	R5F21256SNFP
76	R5F21256SNXXXFP
77	R5F21256SYFP
78	R5F21256SYXXXFP
79	R5F21247SDFP
80	R5F21247SDXXXFP
81	R5F21247SNFP
82	R5F21247SNXXXFP
83	R5F21247SYFP
84	R5F21247SYXXXFP
85	R5F21248SDFP
86	R5F21248SDXXXFP
87	R5F21248SNFP
88	R5F21248SNXXXFP
89	R5F21248SYFP
90	R5F21248SYXXXFP
91	R5F21257SDFP
92	R5F21257SDXXXFP
93	R5F21257SNFP
94	R5F21257SNXXXFP
95	R5F21257SYFP
96	R5F21257SYXXXFP
97	R5F21258SDFP
98	R5F21258SDXXXFP
99	R5F21258SNFP
100	R5F21258SNXXXFP
101	R5F21258SYFP
102	R5F21258SYXXXFP
103	R5F21247SDFP
104	R5F21247SNFP
105	R5F21248SDFP

No	model names
105	R5F21248SDFP
106	R5F21248SNFP
107	R5F21257SDFP
108	R5F21257SNFP
109	R5F21257SYFP
110	R5F21258SDFP
111	R5F21258SNFP
112	R5F21258SYFP
113	R5F21247SDFP
114	R5F21247SDXXXFP
115	R5F21247SNFP
116	R5F21247SNXXXFP
117	R5F21247SYFP
118	R5F21247SYXXXFP
119	R5F21248SDFP
120	R5F21248SDXXXFP
121	R5F21248SNFP
122	R5F21248SNXXXFP
123	R5F21248SYFP
124	R5F21248SYXXXFP
125	R5F21257SDFP
126	R5F21257SDXXXFP
127	R5F21257SNFP
128	R5F21257SNXXXFP
129	R5F21257SYFP
130	R5F21257SYXXXFP
131	R5F21258SDFP
132	R5F21258SDXXXFP
133	R5F21258SNFP
134	R5F21258SNXXXFP
135	R5F21258SYFP
136	R5F21258SYXXXFP
137	R5F21354ADFP
138	R5F21354ADXXXFP
139	R5F21354ANFP
140	R5F21354ANXXXFP
141	R5F21355ADFP
142	R5F21355ADXXXFP
143	R5F21355ANFP
144	R5F21355ANXXXFP
145	R5F21356ADFP
146	R5F21356ADXXXFP
147	R5F21356ANFP
148	R5F21356ANXXXFP