

Product Change Notice (PCN)

Subject: Plating Fab change of Yamagata Denshi Products

Publication Date: 4/22/2022

Effective Date: 1/1/2023

Revision Description:

Initial Release

Description of Change:

Change the outer lead Plating Fab of below Yamagata Denshi products from Company A to Company B.

item	After Change (Company B)	Before Change (Company A)	remarks
Deburr	Water jet	Wet blast	we had actual result of same package in our Malaysia Factory.
Outer lead Plating	SnBi Sn100	SnBi Sn100	No change
Equipment	Deburr-Plating integrated equipment	Deburr, Plating individual equipment	We have actual result for our equivalent package. Plating equipment is same type as which we had actual result of same package in our Malaysia Factory.

Company B, We have actual result more than 100Mp of SnBi outer lead plating for our equivalent package.

Affected Product List:

Please Refer to the Affected product List after P.3.

Reason for Change:

Emergency end-of-production notification at end of Dec'2022 from current Plating Fab Company A.

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

Product Identification:

Unable by product itself, but applicable Lot is identifiable by internal record.

Qualification Status: We will implement evaluation and provide the data by requirement (after Aug'2022).

Sample Availability Date: Unable to provide due to Emergency end-of-production notification, but we will implement enough evaluation.

Device Material Declaration: We will provide by requirement.

- 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.

Affected product List (1)

No	Product type name	No	Product type name	No	Product type name
1	2SA1226(O)-T1B-A	51	2SC1623-T1B-AT	101	FA1A4M-D-T1-A
2	2SA1226-T1B-A	52	2SC1623-T2B-A	102	FA1A4M-D-T2-A
3	2SA1330(O)-T1B-A	53	2SC1654-T1B-A	103	FA1A4M-T1B-A
4	2SA1330(O)-T1B-AT	54	2SC1654-T2B-A	104	FA1A4M-T1B-AT
5	2SA1330-T1B-A	55	2SC2223-T1B-A	105	FA1A4M-T2B-A
6	2SA1330-T2B-A	56	2SC2223-T2B-A	106	FA1A4P(O)-T1B-A
7	2SA1464-T1B-A	57	2SC3360(O)-T1B-A	107	FA1A4P-T1B-A
8	2SA1464-T2B-A	58	2SC3360(O)-T1B-AT	108	FA1A4P-T2B-A
9	2SA1608(O)-T1-A	59	2SC3360(O)-T2B-A	109	FA1A4Z-T1B-A
10	2SA1608-T1-A	60	2SC3360-T1B-A	110	FA1F4M-T1B-A
11	2SA1608-T2-A	61	2SC3360-T1B-AT	111	FA1F4M-T2B-A
12	2SA1611(O)-T1-A	62	2SC3360-T2B-A	112	FA1F4N(O)-T1B-A
13	2SA1611(O)-T1-AT	63	2SC3624(O)-T1B-A	113	FA1F4N-T1B-A
14	2SA1611-D-T1-A	64	2SC3624(O)-T1B-AT	114	FA1F4Z-T1B-A
15	2SA1611-T1-A	65	2SC3624A-T1B-A	115	FA1L3M-T1B-A
16	2SA1611-T2-A	66	2SC3624A-T1B-AT	116	FA1L3M-T2B-A
17	2SA1612-T1-A	67	2SC3624-T1B-A	117	FA1L3N(O)-T1B-A
18	2SA1612-T2-A	68	2SC3624-T2B-A	118	FA1L3N-T1B-A
19	2SA811A-T1B-A	69	2SC3739(O)-T1B-A	119	FA1L3N-T1B-AT
20	2SA811A-T2B-A	70	2SC3739-T1B-A	120	FA1L3N-T2B-A
21	2SA812(O)-T1B-A	71	2SC3739-T1B-AT	121	FA1L3Z-T1B-A
22	2SA812(O)-T1B-AT	72	2SC3739-T2B-A	122	FA1L3Z-T2B-A
23	2SA812-D-T1-A	73	2SC4173-T1-A	123	FA1L4L-T1B-A
24	2SA812-D-T2-A	74	2SC4173-T2-A	124	FA1L4M-T1B-A
25	2SA812-T1B-A	75	2SC4177(O)-T1-A	125	FA1L4M-T1B-AT
26	2SA812-T1B-AT	76	2SC4177(O)-T1-AT	126	FA1L4M-T2B-A
27	2SA812-T2B-A	77	2SC4177-D-T1-A	127	FA1L4Z-T1B-A
28	2SB1475-T1-A	78	2SC4177-D-T2-A	128	FA4A3Q-T1B-A
29	2SB624-T1B-A	79	2SC4177-T1-A	129	FA4A4L-T1B-A
30	2SB624-T1B-AT	80	2SC4177-T2-A	130	FA4A4M-T1B-A
31	2SB624-T2B-A	81	2SC4178-T1-A	131	FA4A4P(O)-T1B-A
32	2SB736(O)-T1B-A	82	2SC4179-T1-A	132	FA4A4P-T1B-A
33	2SB736A(O)-T1B-A	83	2SC4180(O)-T1-A	133	FA4A4Z-T1B-A
34	2SB736A(O)-T1B-AT	84	2SC4180-T1-A	134	FA4F3P-T1B-A
35	2SB736A(O)-T2B-A	85	2SC4180-T2-A	135	FA4F3R-T1B-A
36	2SB736A-T1B-A	86	2SC4181A-T1-A	136	FA4F4N-T1B-A
37	2SB736A-T1B-AT	87	2SC4181-T1-A	137	FA4L3M-T1B-A
38	2SB736A-T2B-A	88	2SD596-T1B-A	138	FA4L3N-T1B-A
39	2SB736-D-T1-A	89	2SD596-T2B-A	139	FA4L4K-T1B-A
40	2SB736-T1B-A	90	2SD780(O)-T1B-A	140	FB1A3M-T1B-A
41	2SB736-T2B-A	91	2SD780A(O)-T1B-A	141	FB1A4A-T1B-A
42	2SC1009A-T1B-A	92	2SD780A-T1B-A	142	FB1A4M-T1B-A
43	2SC1622A-T1B-A	93	2SD780A-T1B-AT	143	FB1A4M-T2B-A
44	2SC1622A-T2B-A	94	2SD780A-T2B-A	144	FB1F3P-T1B-A
45	2SC1623(O)-T1B-A	95	2SD780-T1B-A	145	FB1J3P-T1B-A
46	2SC1623(O)-T1B-AT	96	2SD780-T2B-A	146	FB1L2Q-T1B-A
47	2SC1623(O)-T2B-A	97	FA1A3Q-T1B-A	147	FB1L2Q-T2B-A
48	2SC1623-D-T1-A	98	FA1A3Q-T2B-A	148	FB1L3N-T1B-A
49	2SC1623-D-T2-A	99	FA1A4M(O)-T1B-A	149	FB1L3N-T2B-A
50	2SC1623-T1B-A	100	FA1A4M(O)-T2B-A	150	FN1A3Q-T1B-A

Affected product List (2)

No	Product type name	No	Product type name	No	Product type name
151	FN1A3Q-T2B-A	201	GA1L3M-T1-A	251	2SJ647-T1-A
152	FN1A4M(O)-T1B-A	202	GA1L3N-T1-A	252	2SK1581C-T1B-AT
153	FN1A4M(O)-T2B-A	203	GA1L3Z(O)-T1-A	253	2SK1590C(O)-T1B-A
154	FN1A4M-D-T1-A	204	GA1L3Z-T1-A	254	2SK1590C(O)-T1B-AT
155	FN1A4M-D-T2-A	205	GA4A4M-T1-A	255	2SK1590C-T1B-A
156	FN1A4M-T1B-A	206	GA4A4P-T1-A	256	2SK1590C-T1B-AT
157	FN1A4M-T1B-AT	207	GA4L3M-T1-A	257	2SK3054C(O)-T1-A
158	FN1A4M-T2B-A	208	GA4L4K-T1-A	258	2SK3054C-T1-AT
159	FN1A4P-T1B-A	209	GN1A3Q-T1-A	259	2SK3663(O)-T1-A
160	FN1A4P-T2B-A	210	GN1A4M(O)-T2-A	260	2SK3663-T1-A
161	FN1F4M-T1B-A	211	GN1A4M-D-T1-A	261	2SK4079(1)-T1B-AT
162	FN1F4N-T1B-A	212	GN1A4M-T1-A	262	UPA502CT(O)-T1-AT
163	FN1L3M-T1B-A	213	GN1A4M-T2-A	263	UPA502CT(O)-T2-A
164	FN1L3M-T2B-A	214	GN1A4P-T1-A	264	UPA502CT(O)-T2-AT
165	FN1L3N-T1B-A	215	GN1A4Z-T1-A	265	UPA502CT-T1-A
166	FN1L3N-T2B-A	216	GN1F4M-T2-A	266	UPA502CT-T1-AT
167	FN1L3Z-T1B-A	217	GN1L3M(O)-T1-A	267	UPA503CT(O)-T1-AT
168	FN1L3Z-T2B-A	218	GN1L3M-D-T1-A	268	UPA503CT-T1-A
169	FN1L4L-T1B-A	219	GN1L3N-T1-A	269	UPA503CT-T1-AT
170	FN1L4M(O)-T2B-A	220	GN1L3Z-T1-A	270	UPA573CT-T1-A
171	FN1L4M-T1B-A	221	GN1L4L-T1-A	271	UPA573CT-T1-AT
172	FN1L4M-T2B-A	222	GN4A3Q-T1-A	272	UPA602CT(O)-T1-AT
173	FN4A3Q-T1B-A	223	GN4A4M-T1-A	273	UPA602CT-T1-AT
174	FN4A4M-T1B-A	224	GN4L3M-T1-A	274	UPA603CT-T1-A
175	FN4A4Z-T1B-AT	225	GN4N2M(O)-T1-AT	275	UPA677TB-T1-A
176	FN4F3P-T1B-A	226	UPA504T-T1-A	276	UPA678TB(O)-T1-AT
177	FN4F3R-T1B-A	227	UPA509TA-T1-A	277	UPA678TB-T1-A
178	FN4F4M-T2B-A	228	UPA600T-T1-A	278	UPA679TB(O)-T1-A
179	FN4L3N(O)-T1B-AT	229	UPA601T(O3)-T1-A	279	UPA679TB-T1-A
180	FN4L4L-T1B-A	230	UPA601T-T1-A	280	UPA1803GR(1)-9JG-E1-A
181	FP1A3M-T1B-A	231	UPA604T(O)-T1-A	281	UPA1803GR-9JG-E1-A
182	FP1A3M-T2B-A	232	UPA604T(O)-T1-AT	282	UPA1804GR-9JG-E1-A
183	FP1A4A-T1B-A	233	UPA604T-T1-A	283	UPA1809GR-9JG-E1-A
184	FP1A4M-T1B-A	234	UPA605T-T1-A	284	UPA1814GR(O)-9JG-E1-A
185	FP1F3P-T1B-A	235	UPA609T(O)-T1-A	285	UPA1814GR-9JG-E1-A
186	FP1F3P-T2B-A	236	UPA609T(O)-T2-A	286	UPA1815GR(O)-9JG-E1-A
187	FP1J3P-T1B-A	237	UPA609T-T1-A	287	UPA1815GR-9JG-E1-A
188	FP1L2Q-T1B-A	238	UPA609T-T2-A	288	UPA1855GR-9JG-E1-A
189	FP1L2Q-T2B-A	239	UPA670T-T1-A	289	UPA1856GR(O)-9JG-E1-AT
190	FP1L3N-T1B-A	240	UPA671T-T1-A	290	UPA1856GR-9JG-E1-A
191	FP1L3N-T2B-A	241	2SK1001-T1B-A	291	UPA1857GR-9JG-E1-A
192	GA1A3Q-T1-A	242	2SK520-T1B-A	292	UPA1873GR-9JG-E1-A
193	GA1A4M(O)-T2-A	243	2SJ203C-T1B-A	293	UPA1890GR(O)-9JG-E2-A
194	GA1A4M-D-T1-A	244	2SJ203C-T1B-AT	294	UPA1890GR-9JG-E1-A
195	GA1A4M-T1-A	245	2SJ210C(O)-T1B-A		
196	GA1A4M-T2-A	246	2SJ210C(O)-T1B-AT		
197	GA1A4P-T1-A	247	2SJ210C-T1B-A		
198	GA1A4P-T2-A	248	2SJ210C-T1B-AT		
199	GA1F4M-T1-A	249	2SJ647M(91)-T1-A		
200	GA1L3M-D-T1-A	250	2SJ647M-T1-A		