www.SeCosGmbH.com

Headquarter Address:
8F.No.33, Lane 155, Sec.3, Bei-Shen Rd.,
Shen Keng Dist, New Taipei City, Taiwan
TEL: +886-2-26620988
FAX: +886-2-26620488

Product/Process Change Notification

PCN#	Effective Date	Issue Date
2014-08-01C-01	2014/11/1	2014/8/1

PCN Classification	Product Category
Major	FR207G

Subject

Add assembly vendor

Affected Product(s)

FR207G

Description of Change(s)

In order to avoid shortage of the material, and enhance the speed of delivery, thus, we add a new assembly house.

Content of Change(s)

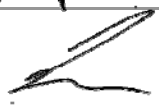
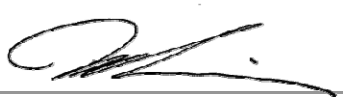
Packing change, the original packaging quantity is 3Kpce, now change the packaging quantity is 1.8Kpcs

Impact(s)

None

Attachment(s)

Reliability Test Report. SGS report. Package Information.

Approval		
Issue by	Alice Lai	e-mail: alice@secosgmbh.com
Development Engineer		Alice Lai
QA Manager		Peter Yang
General Manger		Mathew Liu

For more information, please contact us directly or visit our website http://www.secosgmbh.com

Headquarter Address:
8F.No.33, Lane 155, Sec.3, Bei-Shen Rd.,
Shen Keng Dist, New Taipei City, Taiwan
TEL: +886-2-26620988
FAX: +886-2-26620488

Exterior comparison Chart	
Original	New
	
Top View	Top View
	
Lateral View	Lateral View
	
Reel	Reel

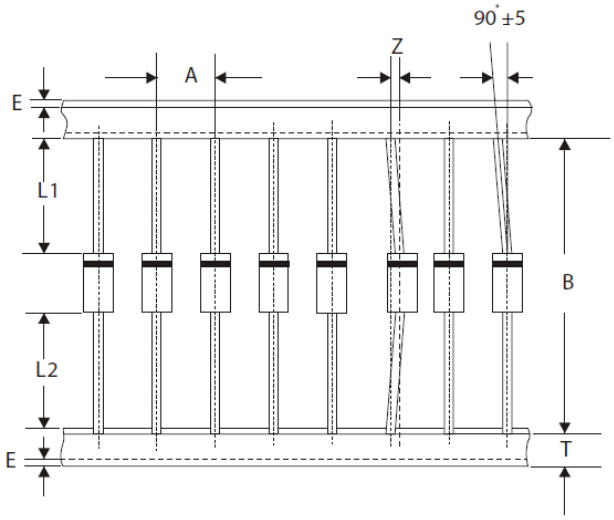
Elektronische Bauelemente

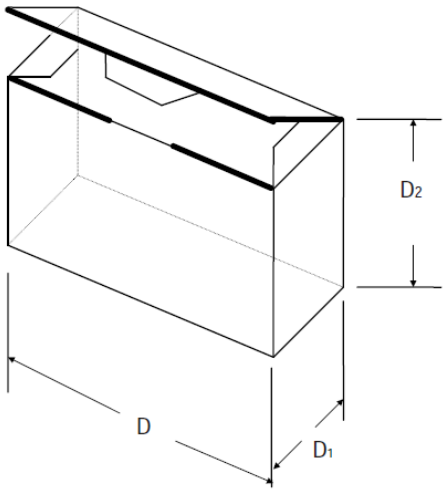
Packaging Information

Axial Lead Devices
Ammunition Taping Specification

DO-15 / DO-27 / DO-41 / R-1

Component Outline	Box Quantity	Component Pitch A	Inner Tape Pitch B	
			52mm	26mm
DO-15	1,800 Pcs	5.0mm±0.5mm	52.4±1.5mm	-
DO-27	800 Pcs	10mm±0.5mm	52.4±1.5mm	-
DO-41	3,000 Pcs	5.0mm±0.5mm	52.4±1.5mm	26.5±0.4mm
R-1	3,000 Pcs	5.0 mm±0.3mm	-	26.5±0.4mm





Component Outline	Item	Symbol	Specification(mm)	
			52mm	26mm
DO-15	Component Alignment	Z	1.0 MAX	-
DO-27			1.2 MAX	-
DO-41			1.0 MAX	1.0 MAX
R-1			-	0.5 MAX
DO-15 / DO-27/ DO-41/ R-1	Tape Width	T	6.0±0.5	6.0±0.5
DO-15	Exposed Adhesive	E	0.8 MAX	-
DO-27			0.5 MAX	-
DO-41			0.8 MAX	0.8 MAX
R-1			-	0.5 MAX
DO-15	Body Eccentricity	lL1-L2l	0±1.0	-
DO-27			0±1.0	-
DO-41			0±1.0	0±0.5
R-1			-	0±0.5
DO-15 / DO-27/ DO-41/ R-1	Reel Outside diameter	D	255mm	255mm
DO-15 / DO-27/ DO-41/ R-1	Reel inner diameter	D1	80mm	80mm
DO-15 / DO-27/ DO-41/ R-1	Reel hole diameter	D2	92mm	92mm

Note:

When using the tape to stick the component, both ends of the tape should be stick at the lower side of the component. Cut it flat and compress the tape to prevent it curled. For each reel, the tape cannot be stick more than two place and each taped area should not less than 10cm.

SeCoS Corporation

Reliability Testing Summary Report

Date: 2014/06/30 Document No.: SH14 -06- 21

Test Item	P/N	Test Condition	(LTPD)	Sample Numbers	Allow Fall Numbers	Fall Numbers	Result
HTRB High Temp Reverse Bias	FR207G	100 ± 5℃, 80%VR, T = 1000hrs		77	0	0	ACC
HTSL High Temperature Storage Life	FR207G	150℃, T = 1000 hrs		77	0	0	ACC
PCT Pressure Cooker Test	FR207G	121℃, 29.7PSIG, 168 hrs		77	0	0	ACC
TCT Temperature Cycle Test	FR207G	-55℃/30min, 150℃/30min, For 1000 Cycle		77	0	0	ACC
THT High Temperature High Humidity Test	FR207G	85 ± 2℃, RH=85±5%, 1000 hrs		77	0	0	ACC
H3TRB High Temper High Humidity Reverse Bies Test	FR207G	85 ± 2℃, RH=85±5%, 1000 hrs		77	0	0	ACC
Solder Resistance DITY	FR207G	270±5℃, 7Sec ＋2/－0 Sec		10	0	0	ACC

Judgment:

■ **qualified** □ **unqualified**

Testing Start Date: 2014.05.05 Testing End Date: 2014.06.30

Tester: Leo Hsia Approval: Peter Yang

SeCoS Corporation

Electrical Test Data

Report No : T140630-021
Part No : FR207G
Test Equipment: JUNO Test System DTS-1000
Test Condition : VF<1300mV@IF=2A, IR<5uA@VR=1000V
Test Condition: 25℃
Test Date: 2014.05.05 ~ 2014.05.05
Test Standard : Specifications
Operator: Leo Hsia

Test Result: PASS

No	VF (mV)	IR (uA)
1	1078.0mV	0.083uA
2	1078.9mV	0.056uA
3	1046.4mV	0.050uA
4	1072.3mV	0.078uA
5	1083.0mV	0.050uA
6	1075.9mV	0.049uA
7	1080.4mV	0.083uA
8	1043.8mV	0.058uA
9	1094.7mV	0.072uA
10	1074.3mV	0.062uA
11	1051.5mV	0.085uA
12	1090.5mV	0.095uA
13	1056.2mV	0.086uA
14	1081.5mV	0.079uA
15	1096.5mV	0.053uA
16	1059.8mV	0.092uA
17	1078.4mV	0.078uA
18	1038.1mV	0.072uA
19	1095.4mV	0.067uA
20	1062.9mV	0.070uA
21	1101.9mV	0.084uA
22	1059.4mV	0.067uA
23	1046.5mV	0.053uA
24	1094.9mV	0.057uA
25	1092.1mV	0.073uA
26	1080.3mV	0.075uA
27	1054.9mV	0.066uA
28	1057.2mV	0.066uA
29	1046.9mV	0.060uA
30	1101.6mV	0.090uA
31	1100.2mV	0.092uA

SeCoS Corporation

Electrical Test Data

Report No : T140630-021
Part No : FR207G
Test Equipment: JUNO Test System DTS-1000
Test Condition : VF<1300mV@IF=2A, IR<5uA@VR=1000V
Test Condition: 25℃
Test Date: 2014.05.05 ~ 2014.05.05
Test Standard : Specifications
Operator: Leo Hsia

Test Result: PASS

No	VF (mV)	IR (uA)
32	1053.0mV	0.058uA
33	1049.3mV	0.082uA
34	1100.3mV	0.080uA
35	1085.0mV	0.050uA
36	1057.5mV	0.080uA
37	1039.4mV	0.054uA
38	1098.9mV	0.096uA
39	1042.5mV	0.048uA
40	1089.6mV	0.063uA
41	1060.8mV	0.094uA
42	1068.1mV	0.074uA
43	1101.7mV	0.067uA
44	1052.9mV	0.088uA
45	1077.2mV	0.070uA
46	1090.4mV	0.058uA
47	1049.9mV	0.053uA
48	1077.7mV	0.082uA
49	1073.8mV	0.088uA
50	1066.2mV	0.054uA
51	1067.4mV	0.049uA
52	1066.4mV	0.072uA
53	1044.8mV	0.056uA
54	1089.8mV	0.085uA
55	1073.9mV	0.074uA
56	1094.9mV	0.079uA
57	1098.8mV	0.089uA
58	1097.7mV	0.078uA
59	1086.2mV	0.077uA
60	1064.8mV	0.051uA
61	1058.4mV	0.078uA
62	1039.9mV	0.053uA

SeCoS Corporation

Electrical Test Data

Report No : T140630-021
Part No : FR207G
Test Equipment: JUNO Test System DTS-1000
Test Condition : VF<1300mV@IF=2A, IR<5uA@VR=1000V
Test Condition: 25℃
Test Date: 2014.05.05 ~ 2014.05.05
Test Standard : Specifications
Operator: Leo Hsia

Test Result: PASS

No	VF (mV)	IR (uA)
63	1049.1mV	0.069uA
64	1074.6mV	0.052uA
65	1093.3mV	0.090uA
66	1075.7mV	0.073uA
67	1049.0mV	0.073uA
68	1101.4mV	0.053uA
69	1065.9mV	0.055uA
70	1047.5mV	0.095uA
71	1067.2mV	0.082uA
72	1083.6mV	0.049uA
73	1091.2mV	0.056uA
74	1102.9mV	0.059uA
75	1040.0mV	0.068uA
76	1061.5mV	0.077uA
77	1069.6mV	0.069uA

Made By: Leo Hsia Approval: Peter Yang

SeCoS Corporation

High Temperature Reverse Bias Test Data

Report No : T140630-021
Part No : FR207G
Test Equipment: JUNO Test System DTS-1000
Test Condition : VF<1300mV@IF=2A, IR<5uA@VR=1000V
Test Condition: 100 ± 5℃, 80%VR, T = 1000 hrs
Test Date: 2014.05.05 ~ 2014.06.15
Test Standard : JESD22 STANDARD Method-A108
Operator: Leo Hsia

Test Result: PASS

	Before		After	
No	VF (mV)	IR (uA)	VF (mV)	IR (uA)
1	1040.5mV	0.050uA	1098.8mV	0.070uA
2	1093.8mV	0.094uA	1087.2mV	0.053uA
3	1078.6mV	0.068uA	1082.8mV	0.078uA
4	1093.3mV	0.076uA	1066.7mV	0.086uA
5	1089.2mV	0.092uA	1090.1mV	0.067uA
6	1083.5mV	0.065uA	1051.5mV	0.078uA
7	1102.8mV	0.064uA	1067.4mV	0.058uA
8	1058.6mV	0.067uA	1098.9mV	0.095uA
9	1094.2mV	0.084uA	1083.9mV	0.071uA
10	1081.0mV	0.062uA	1089.0mV	0.067uA
11	1081.6mV	0.083uA	1096.2mV	0.065uA
12	1048.0mV	0.054uA	1076.7mV	0.074uA
13	1067.9mV	0.054uA	1050.2mV	0.067uA
14	1039.6mV	0.085uA	1100.1mV	0.055uA
15	1074.6mV	0.054uA	1038.7mV	0.077uA
16	1050.7mV	0.089uA	1077.5mV	0.086uA
17	1072.8mV	0.095uA	1087.7mV	0.091uA
18	1100.9mV	0.086uA	1084.9mV	0.078uA
19	1051.1mV	0.050uA	1065.6mV	0.067uA
20	1040.1mV	0.076uA	1090.0mV	0.096uA
21	1070.2mV	0.083uA	1069.6mV	0.053uA
22	1090.5mV	0.055uA	1098.5mV	0.075uA
23	1098.5mV	0.069uA	1067.0mV	0.072uA
24	1042.3mV	0.068uA	1078.8mV	0.082uA
25	1043.6mV	0.060uA	1049.2mV	0.074uA
26	1096.9mV	0.084uA	1049.0mV	0.078uA
27	1087.0mV	0.093uA	1092.4mV	0.094uA
28	1041.3mV	0.064uA	1079.4mV	0.053uA
29	1062.8mV	0.063uA	1041.1mV	0.089uA
30	1072.4mV	0.084uA	1098.1mV	0.054uA

SeCoS Corporation

High Temperature Reverse Bias Test Data

Report No : T140630-021
Part No : FR207G
Test Equipment: JUNO Test System DTS-1000
Test Condition : VF<1300mV@IF=2A, IR<5uA@VR=1000V
Test Condition: 100 ± 5℃, 80%VR, T = 1000 hrs
Test Date: 2014.05.05 ~ 2014.06.15
Test Standard : JESD22 STANDARD Method-A108
Operator: Leo Hsia

Test Result: PASS

	Before		After	
No	VF (mV)	IR (uA)	VF (mV)	IR (uA)
31	1093.0mV	0.078uA	1050.9mV	0.064uA
32	1038.5mV	0.052uA	1041.4mV	0.082uA
33	1067.4mV	0.072uA	1041.2mV	0.085uA
34	1085.1mV	0.085uA	1086.8mV	0.084uA
35	1050.8mV	0.074uA	1097.3mV	0.091uA
36	1090.4mV	0.053uA	1058.6mV	0.063uA
37	1102.5mV	0.094uA	1069.6mV	0.053uA
38	1082.5mV	0.057uA	1096.5mV	0.071uA
39	1085.9mV	0.086uA	1098.5mV	0.070uA
40	1093.9mV	0.071uA	1092.7mV	0.095uA
41	1066.9mV	0.088uA	1085.1mV	0.080uA
42	1096.2mV	0.072uA	1101.7mV	0.069uA
43	1086.1mV	0.049uA	1087.5mV	0.066uA
44	1060.1mV	0.067uA	1044.8mV	0.085uA
45	1078.1mV	0.079uA	1102.7mV	0.059uA
46	1082.6mV	0.051uA	1100.3mV	0.088uA
47	1050.6mV	0.074uA	1071.6mV	0.064uA
48	1044.2mV	0.065uA	1082.3mV	0.094uA
49	1094.6mV	0.048uA	1042.0mV	0.084uA
50	1099.3mV	0.051uA	1056.9mV	0.069uA
51	1099.7mV	0.084uA	1042.7mV	0.054uA
52	1092.7mV	0.094uA	1074.8mV	0.083uA
53	1060.6mV	0.059uA	1048.8mV	0.070uA
54	1086.7mV	0.094uA	1061.9mV	0.052uA
55	1091.7mV	0.067uA	1100.7mV	0.058uA
56	1088.3mV	0.049uA	1085.9mV	0.076uA
57	1069.7mV	0.094uA	1052.1mV	0.057uA
58	1068.4mV	0.054uA	1042.7mV	0.088uA
59	1066.4mV	0.064uA	1071.0mV	0.080uA
60	1047.9mV	0.056uA	1054.2mV	0.081uA

SeCoS Corporation

High Temperature Reverse Bias Test Data

Report No : T140630-021
Part No : FR207G
Test Equipment: JUNO Test System DTS-1000
Test Condition : VF<1300mV@IF=2A, IR<5uA@VR=1000V
Test Condition: 100 ± 5℃, 80%VR, T = 1000 hrs
Test Date: 2014.05.05 ~ 2014.06.15
Test Standard : JESD22 STANDARD Method-A108
Operator: Leo Hsia

Test Result: PASS

	Before		After	
No	VF (mV)	IR (uA)	VF (mV)	IR (uA)
61	1049.1mV	0.055uA	1066.1mV	0.061uA
62	1046.1mV	0.057uA	1046.9mV	0.089uA
63	1063.7mV	0.082uA	1064.3mV	0.092uA
64	1090.1mV	0.090uA	1081.2mV	0.083uA
65	1040.6mV	0.085uA	1052.2mV	0.072uA
66	1100.3mV	0.094uA	1046.3mV	0.077uA
67	1099.8mV	0.096uA	1093.0mV	0.085uA
68	1078.8mV	0.081uA	1046.4mV	0.078uA
69	1053.9mV	0.094uA	1063.9mV	0.089uA
70	1089.8mV	0.059uA	1041.0mV	0.088uA
71	1097.0mV	0.052uA	1095.2mV	0.073uA
72	1041.9mV	0.086uA	1078.2mV	0.060uA
73	1050.2mV	0.083uA	1053.6mV	0.088uA
74	1059.7mV	0.093uA	1078.7mV	0.087uA
75	1102.1mV	0.085uA	1041.4mV	0.091uA
76	1072.9mV	0.052uA	1039.0mV	0.078uA
77	1058.3mV	0.082uA	1070.2mV	0.058uA

Made By: Leo Hsia

Approval: Peter Yang

SeCoS Corporation

High Temperature Storage Life Test Data

Report No : T140630-021
Part No : FR207G
Test Equipment: JUNO Test System DTS-1000
Test Condition : VF<1300mV@IF=2A, IR<5uA@VR=1000V
Test Condition: 150℃, 1000Hrs
Test Date: 2014.05.05 ~ 2014.06.15
Test Standard : JESD22 STANDARD Method-A105
Operator: Leo Hsia

Test Result: PASS

	Before		After	
No	VF (mV)	IR (uA)	VF (mV)	IR (uA)
1	1092.4mV	0.095uA	1046.0mV	0.091uA
2	1096.1mV	0.067uA	1075.9mV	0.056uA
3	1095.5mV	0.066uA	1058.1mV	0.059uA
4	1049.8mV	0.075uA	1050.4mV	0.064uA
5	1097.2mV	0.064uA	1060.0mV	0.050uA
6	1089.0mV	0.093uA	1096.7mV	0.087uA
7	1044.5mV	0.095uA	1080.4mV	0.083uA
8	1093.8mV	0.093uA	1082.3mV	0.095uA
9	1084.2mV	0.077uA	1042.6mV	0.093uA
10	1059.5mV	0.082uA	1048.9mV	0.060uA
11	1083.7mV	0.063uA	1063.0mV	0.094uA
12	1093.3mV	0.064uA	1049.2mV	0.084uA
13	1055.0mV	0.094uA	1055.6mV	0.050uA
14	1072.5mV	0.064uA	1078.4mV	0.066uA
15	1056.4mV	0.059uA	1080.4mV	0.056uA
16	1103.1mV	0.051uA	1056.6mV	0.055uA
17	1080.4mV	0.073uA	1060.2mV	0.056uA
18	1041.9mV	0.058uA	1091.4mV	0.073uA
19	1074.4mV	0.091uA	1103.0mV	0.080uA
20	1082.0mV	0.050uA	1102.0mV	0.065uA
21	1082.3mV	0.068uA	1102.0mV	0.077uA
22	1073.7mV	0.084uA	1053.0mV	0.054uA
23	1083.4mV	0.095uA	1089.0mV	0.055uA
24	1090.5mV	0.049uA	1053.4mV	0.049uA
25	1064.1mV	0.064uA	1084.1mV	0.074uA
26	1066.8mV	0.050uA	1072.2mV	0.076uA
27	1089.6mV	0.072uA	1038.5mV	0.079uA
28	1048.4mV	0.064uA	1068.1mV	0.061uA
29	1078.6mV	0.095uA	1042.5mV	0.055uA
30	1103.1mV	0.059uA	1069.7mV	0.079uA

SeCoS Corporation

High Temperature Storage Life Test Data

Report No : T140630-021
Part No : FR207G
Test Equipment: JUNO Test System DTS-1000
Test Condition : VF<1300mV@IF=2A, IR<5uA@VR=1000V
Test Condition: 150℃, 1000Hrs
Test Date: 2014.05.05 ~ 2014.06.15
Test Standard : JESD22 STANDARD Method-A105
Operator: Leo Hsia

Test Result: PASS

	Before		After	
No	VF (mV)	IR (uA)	VF (mV)	IR (uA)
31	1094.9mV	0.072uA	1077.0mV	0.077uA
32	1042.1mV	0.062uA	1073.2mV	0.079uA
33	1073.7mV	0.070uA	1096.4mV	0.068uA
34	1039.6mV	0.058uA	1095.7mV	0.064uA
35	1045.2mV	0.051uA	1061.5mV	0.093uA
36	1083.6mV	0.079uA	1094.8mV	0.085uA
37	1040.8mV	0.090uA	1059.1mV	0.086uA
38	1083.1mV	0.081uA	1045.6mV	0.063uA
39	1059.8mV	0.050uA	1090.8mV	0.055uA
40	1055.0mV	0.087uA	1090.8mV	0.060uA
41	1046.8mV	0.059uA	1056.6mV	0.096uA
42	1067.4mV	0.088uA	1071.7mV	0.066uA
43	1051.5mV	0.057uA	1085.4mV	0.071uA
44	1093.5mV	0.070uA	1087.5mV	0.053uA
45	1097.8mV	0.068uA	1071.2mV	0.070uA
46	1083.5mV	0.076uA	1059.2mV	0.051uA
47	1047.6mV	0.092uA	1095.3mV	0.061uA
48	1072.8mV	0.062uA	1094.7mV	0.080uA
49	1071.3mV	0.053uA	1081.3mV	0.068uA
50	1040.9mV	0.074uA	1050.7mV	0.085uA
51	1072.5mV	0.069uA	1058.1mV	0.079uA
52	1045.2mV	0.076uA	1063.3mV	0.065uA
53	1088.2mV	0.049uA	1042.1mV	0.085uA
54	1044.0mV	0.087uA	1060.3mV	0.070uA
55	1059.1mV	0.072uA	1056.3mV	0.061uA
56	1056.0mV	0.084uA	1066.2mV	0.078uA
57	1065.9mV	0.051uA	1053.7mV	0.056uA
58	1039.7mV	0.087uA	1099.9mV	0.071uA
59	1049.0mV	0.051uA	1053.6mV	0.064uA
60	1054.5mV	0.070uA	1068.5mV	0.084uA

SeCoS Corporation

High Temperature Storage Life Test Data

Report No : T140630-021
Part No : FR207G
Test Equipment: JUNO Test System DTS-1000
Test Condition : VF<1300mV@IF=2A, IR<5uA@VR=1000V
Test Condition: 150℃, 1000Hrs
Test Date: 2014.05.05 ~ 2014.06.15
Test Standard : JESD22 STANDARD Method-A105
Operator: Leo Hsia

Test Result: PASS

	Before		After	
No	VF (mV)	IR (uA)	VF (mV)	IR (uA)
61	1063.5mV	0.059uA	1069.0mV	0.052uA
62	1062.1mV	0.095uA	1065.6mV	0.058uA
63	1069.0mV	0.084uA	1094.7mV	0.048uA
64	1074.8mV	0.082uA	1047.7mV	0.068uA
65	1070.8mV	0.059uA	1066.4mV	0.076uA
66	1072.6mV	0.059uA	1098.4mV	0.085uA
67	1089.4mV	0.077uA	1066.7mV	0.074uA
68	1088.2mV	0.081uA	1091.5mV	0.072uA
69	1097.0mV	0.091uA	1051.7mV	0.063uA
70	1100.5mV	0.092uA	1061.5mV	0.070uA
71	1067.2mV	0.066uA	1096.7mV	0.073uA
72	1042.4mV	0.092uA	1074.1mV	0.095uA
73	1055.7mV	0.085uA	1040.0mV	0.084uA
74	1100.0mV	0.073uA	1068.2mV	0.089uA
75	1053.6mV	0.070uA	1051.6mV	0.065uA
76	1100.7mV	0.094uA	1095.6mV	0.051uA
77	1054.7mV	0.085uA	1087.9mV	0.087uA

Made By: Leo Hsia

Approval: Peter Yang

SeCoS Corporation

Pressure Cooker Test Data

Report No : T140630-021
Part No : FR207G
Test Equipment: JUNO Test System DTS-1000
Test Condition : VF<1300mV@IF=2A, IR<5uA@VR=1000V
Test Condition: 121℃, 100%RH, 29.7PSIG, 168Hrs
Test Date: 2014.05.05 ~ 2014.05.11
Test Standard : JESD22 STANDARD Method-A102
Operator: Leo Hsia

Test Result: PASS

	Before		After	
No	VF (mV)	IR (uA)	VF (mV)	IR (uA)
1	1062.4mV	0.052uA	1062.4mV	0.078uA
2	1052.3mV	0.084uA	1077.7mV	0.067uA
3	1055.8mV	0.085uA	1055.1mV	0.085uA
4	1048.0mV	0.063uA	1049.0mV	0.091uA
5	1083.5mV	0.052uA	1063.0mV	0.063uA
6	1050.9mV	0.086uA	1067.8mV	0.061uA
7	1102.3mV	0.076uA	1069.8mV	0.077uA
8	1093.5mV	0.054uA	1064.4mV	0.094uA
9	1076.1mV	0.094uA	1080.5mV	0.077uA
10	1090.3mV	0.066uA	1045.8mV	0.062uA
11	1098.7mV	0.089uA	1072.5mV	0.072uA
12	1082.6mV	0.082uA	1064.4mV	0.066uA
13	1097.3mV	0.090uA	1092.7mV	0.076uA
14	1102.8mV	0.084uA	1047.3mV	0.085uA
15	1065.4mV	0.094uA	1048.9mV	0.078uA
16	1048.4mV	0.058uA	1059.9mV	0.070uA
17	1049.1mV	0.069uA	1080.4mV	0.060uA
18	1048.7mV	0.094uA	1066.9mV	0.094uA
19	1097.0mV	0.071uA	1079.3mV	0.084uA
20	1040.2mV	0.064uA	1071.8mV	0.075uA
21	1062.3mV	0.080uA	1055.0mV	0.065uA
22	1061.7mV	0.057uA	1095.4mV	0.082uA
23	1090.7mV	0.094uA	1094.7mV	0.055uA
24	1059.0mV	0.069uA	1070.7mV	0.096uA
25	1089.3mV	0.052uA	1079.5mV	0.049uA
26	1076.8mV	0.054uA	1043.2mV	0.088uA
27	1041.1mV	0.060uA	1061.7mV	0.063uA
28	1056.8mV	0.051uA	1077.9mV	0.087uA
29	1044.4mV	0.058uA	1068.3mV	0.083uA
30	1087.2mV	0.048uA	1077.5mV	0.087uA

SeCoS Corporation

Pressure Cooker Test Data

Report No : T140630-021
Part No : FR207G
Test Equipment: JUNO Test System DTS-1000
Test Condition : VF<1300mV@IF=2A, IR<5uA@VR=1000V
Test Condition: 121℃, 100%RH, 29.7PSIG, 168Hrs
Test Date: 2014.05.05 ~ 2014.05.11
Test Standard : JESD22 STANDARD Method-A102
Operator: Leo Hsia

Test Result: PASS

	Before		After	
No	VF (mV)	IR (uA)	VF (mV)	IR (uA)
31	1060.2mV	0.092uA	1071.6mV	0.082uA
32	1101.8mV	0.061uA	1076.3mV	0.072uA
33	1040.5mV	0.051uA	1084.0mV	0.086uA
34	1078.1mV	0.075uA	1100.7mV	0.076uA
35	1053.0mV	0.058uA	1066.9mV	0.086uA
36	1100.0mV	0.071uA	1087.6mV	0.084uA
37	1058.9mV	0.062uA	1095.8mV	0.093uA
38	1053.5mV	0.054uA	1080.1mV	0.067uA
39	1095.6mV	0.076uA	1052.9mV	0.081uA
40	1069.0mV	0.054uA	1088.3mV	0.060uA
41	1093.2mV	0.057uA	1056.1mV	0.095uA
42	1080.1mV	0.081uA	1084.6mV	0.062uA
43	1058.0mV	0.055uA	1074.6mV	0.089uA
44	1082.9mV	0.082uA	1087.4mV	0.050uA
45	1089.4mV	0.054uA	1081.1mV	0.067uA
46	1041.9mV	0.085uA	1069.3mV	0.074uA
47	1040.0mV	0.049uA	1051.3mV	0.058uA
48	1051.9mV	0.090uA	1090.0mV	0.092uA
49	1063.0mV	0.079uA	1043.5mV	0.096uA
50	1091.3mV	0.049uA	1043.2mV	0.084uA
51	1092.1mV	0.081uA	1042.0mV	0.094uA
52	1052.1mV	0.064uA	1043.3mV	0.074uA
53	1071.1mV	0.088uA	1053.1mV	0.061uA
54	1098.9mV	0.081uA	1075.4mV	0.050uA
55	1059.7mV	0.089uA	1042.0mV	0.054uA
56	1093.1mV	0.078uA	1038.2mV	0.060uA
57	1063.0mV	0.083uA	1074.9mV	0.067uA
58	1066.0mV	0.065uA	1081.9mV	0.075uA
59	1044.6mV	0.054uA	1082.1mV	0.094uA
60	1088.8mV	0.085uA	1102.6mV	0.089uA

SeCoS Corporation

Pressure Cooker Test Data

Report No : T140630-021
Part No : FR207G
Test Equipment: JUNO Test System DTS-1000
Test Condition : VF<1300mV@IF=2A, IR<5uA@VR=1000V
Test Condition: 121℃, 100%RH, 29.7PSIG, 168Hrs
Test Date: 2014.05.05 ~ 2014.05.11
Test Standard : JESD22 STANDARD Method-A102
Operator: Leo Hsia

Test Result: PASS

	Before		After	
No	VF (mV)	IR (uA)	VF (mV)	IR (uA)
61	1102.2mV	0.083uA	1041.4mV	0.068uA
62	1066.9mV	0.065uA	1072.8mV	0.085uA
63	1099.3mV	0.079uA	1055.3mV	0.082uA
64	1055.5mV	0.055uA	1079.2mV	0.051uA
65	1047.0mV	0.074uA	1090.3mV	0.085uA
66	1094.7mV	0.086uA	1075.7mV	0.058uA
67	1058.0mV	0.082uA	1098.9mV	0.062uA
68	1096.8mV	0.070uA	1066.2mV	0.074uA
69	1059.8mV	0.092uA	1067.3mV	0.055uA
70	1088.8mV	0.055uA	1046.1mV	0.091uA
71	1068.7mV	0.089uA	1054.0mV	0.093uA
72	1048.5mV	0.063uA	1044.4mV	0.068uA
73	1044.5mV	0.070uA	1071.4mV	0.071uA
74	1038.9mV	0.087uA	1039.7mV	0.078uA
75	1068.4mV	0.087uA	1049.4mV	0.090uA
76	1044.4mV	0.056uA	1085.8mV	0.083uA
77	1069.8mV	0.061uA	1053.8mV	0.088uA

Made By: Leo Hsia

Approval: Peter Yang

SeCoS Corporation

Temperature Cycle Test Data

Report No : T140630-021
Part No : FR207G
Test Equipment: JUNO Test System DTS-1000
Test Condition : VF<1300mV@IF=2A, IR<5uA@VR=1000V
Test Condition: -55℃/30min, 150℃/30min, for1000 Cycle
Test Date: 2014.05.05 ~ 2014.06.25
Test Standard : JESD22 STANDARD Method-A106
Operator: Leo Hsia

Test Result: PASS

	Before		After	
No	VF (mV)	IR (uA)	VF (mV)	IR (uA)
1	1089.5mV	0.091uA	1057.6mV	0.051uA
2	1072.7mV	0.058uA	1044.8mV	0.082uA
3	1095.7mV	0.049uA	1073.1mV	0.074uA
4	1074.3mV	0.060uA	1093.2mV	0.088uA
5	1082.8mV	0.082uA	1052.3mV	0.095uA
6	1100.3mV	0.094uA	1097.6mV	0.083uA
7	1073.5mV	0.080uA	1097.2mV	0.051uA
8	1044.3mV	0.070uA	1087.1mV	0.064uA
9	1043.5mV	0.064uA	1041.4mV	0.092uA
10	1076.7mV	0.069uA	1072.8mV	0.065uA
11	1086.5mV	0.061uA	1101.9mV	0.054uA
12	1099.0mV	0.087uA	1045.2mV	0.093uA
13	1099.8mV	0.062uA	1039.9mV	0.083uA
14	1050.7mV	0.050uA	1093.7mV	0.092uA
15	1079.7mV	0.080uA	1042.5mV	0.051uA
16	1070.1mV	0.095uA	1069.7mV	0.079uA
17	1046.0mV	0.076uA	1044.8mV	0.054uA
18	1044.3mV	0.050uA	1059.2mV	0.094uA
19	1055.8mV	0.079uA	1075.5mV	0.048uA
20	1095.5mV	0.051uA	1084.1mV	0.083uA
21	1046.7mV	0.068uA	1081.2mV	0.060uA
22	1067.6mV	0.070uA	1057.1mV	0.093uA
23	1065.8mV	0.066uA	1040.2mV	0.050uA
24	1103.0mV	0.079uA	1058.4mV	0.086uA
25	1053.2mV	0.095uA	1088.4mV	0.087uA
26	1067.4mV	0.096uA	1081.4mV	0.060uA
27	1048.8mV	0.064uA	1093.7mV	0.091uA
28	1057.7mV	0.063uA	1072.7mV	0.072uA
29	1093.8mV	0.078uA	1073.3mV	0.079uA
30	1066.7mV	0.081uA	1046.8mV	0.071uA

SeCoS Corporation

Temperature Cycle Test Data

Report No : T140630-021
Part No : FR207G
Test Equipment: JUNO Test System DTS-1000
Test Condition : VF<1300mV@IF=2A, IR<5uA@VR=1000V
Test Condition: -55℃/30min, 150℃/30min, for1000 Cycle
Test Date: 2014.05.05 ~ 2014.06.25
Test Standard : JESD22 STANDARD Method-A106
Operator: Leo Hsia

Test Result: PASS

	Before		After	
No	VF (mV)	IR (uA)	VF (mV)	IR (uA)
31	1060.5mV	0.084uA	1049.3mV	0.067uA
32	1094.1mV	0.064uA	1093.7mV	0.085uA
33	1090.8mV	0.085uA	1069.0mV	0.083uA
34	1055.2mV	0.062uA	1099.1mV	0.048uA
35	1103.1mV	0.094uA	1061.7mV	0.089uA
36	1072.3mV	0.052uA	1076.1mV	0.054uA
37	1097.2mV	0.073uA	1095.2mV	0.064uA
38	1093.1mV	0.061uA	1046.6mV	0.072uA
39	1061.9mV	0.070uA	1052.5mV	0.074uA
40	1047.3mV	0.061uA	1078.7mV	0.082uA
41	1051.8mV	0.052uA	1067.9mV	0.050uA
42	1044.6mV	0.076uA	1049.5mV	0.080uA
43	1042.5mV	0.058uA	1048.3mV	0.081uA
44	1077.8mV	0.054uA	1097.0mV	0.072uA
45	1086.3mV	0.052uA	1057.7mV	0.089uA
46	1042.3mV	0.085uA	1048.3mV	0.065uA
47	1074.0mV	0.080uA	1070.4mV	0.071uA
48	1042.5mV	0.069uA	1047.9mV	0.070uA
49	1086.3mV	0.081uA	1101.5mV	0.059uA
50	1084.3mV	0.093uA	1066.4mV	0.076uA
51	1084.4mV	0.073uA	1082.7mV	0.059uA
52	1066.2mV	0.055uA	1045.2mV	0.057uA
53	1092.5mV	0.085uA	1064.6mV	0.092uA
54	1071.1mV	0.063uA	1076.5mV	0.092uA
55	1051.1mV	0.090uA	1083.8mV	0.057uA
56	1044.6mV	0.077uA	1091.5mV	0.054uA
57	1090.4mV	0.084uA	1046.8mV	0.084uA
58	1066.8mV	0.083uA	1053.2mV	0.060uA
59	1089.7mV	0.080uA	1058.6mV	0.079uA
60	1074.5mV	0.058uA	1038.3mV	0.082uA

SeCoS Corporation

Temperature Cycle Test Data

Report No : T140630-021
Part No : FR207G
Test Equipment: JUNO Test System DTS-1000
Test Condition : VF<1300mV@IF=2A, IR<5uA@VR=1000V
Test Condition: -55℃/30min, 150℃/30min, for1000 Cycle
Test Date: 2014.05.05 ~ 2014.06.25
Test Standard : JESD22 STANDARD Method-A106
Operator: Leo Hsia

Test Result: PASS

	Before		After	
No	VF (mV)	IR (uA)	VF (mV)	IR (uA)
61	1079.1mV	0.088uA	1089.2mV	0.082uA
62	1070.0mV	0.062uA	1070.7mV	0.085uA
63	1080.5mV	0.080uA	1082.9mV	0.093uA
64	1090.8mV	0.092uA	1095.9mV	0.058uA
65	1051.7mV	0.057uA	1051.6mV	0.079uA
66	1089.0mV	0.065uA	1084.2mV	0.053uA
67	1089.6mV	0.069uA	1100.3mV	0.051uA
68	1059.8mV	0.073uA	1084.6mV	0.055uA
69	1077.4mV	0.072uA	1102.9mV	0.091uA
70	1093.0mV	0.066uA	1080.1mV	0.058uA
71	1073.0mV	0.067uA	1065.6mV	0.065uA
72	1071.6mV	0.082uA	1056.2mV	0.086uA
73	1050.6mV	0.060uA	1074.8mV	0.089uA
74	1071.7mV	0.060uA	1061.2mV	0.055uA
75	1045.8mV	0.048uA	1052.7mV	0.054uA
76	1072.1mV	0.075uA	1057.7mV	0.072uA
77	1059.8mV	0.084uA	1077.1mV	0.090uA

Made By: Leo Hsia

Approval: Peter Yang

SeCoS Corporation

High Temperature High Humidity Test Data

Report No : T140630-021
Part No : FR207G
Test Equipment: JUNO Test System DTS-1000
Test Condition : VF<1300mV@IF=2A, IR<5uA@VR=1000V
Test Condition: 85±2℃, 85±5%RH, 1000Hrs
Test Date: 2014.05.11 ~ 2014.06.23
Test Standard : JESD22 STANDARD Method-A101
Operator: Leo Hsia

Test Result: PASS

	Before		After	
No	VF (mV)	IR (uA)	VF (mV)	IR (uA)
1	1048.2mV	0.087uA	1089.6mV	0.062uA
2	1102.8mV	0.057uA	1039.6mV	0.056uA
3	1094.0mV	0.066uA	1055.0mV	0.067uA
4	1049.7mV	0.060uA	1053.4mV	0.077uA
5	1079.3mV	0.089uA	1074.3mV	0.075uA
6	1088.3mV	0.075uA	1071.5mV	0.076uA
7	1040.9mV	0.059uA	1039.9mV	0.077uA
8	1060.2mV	0.076uA	1039.8mV	0.068uA
9	1089.1mV	0.062uA	1072.6mV	0.062uA
10	1038.1mV	0.084uA	1071.0mV	0.084uA
11	1075.1mV	0.091uA	1055.3mV	0.056uA
12	1073.9mV	0.079uA	1085.8mV	0.052uA
13	1040.9mV	0.057uA	1087.7mV	0.087uA
14	1042.3mV	0.053uA	1077.5mV	0.068uA
15	1082.1mV	0.066uA	1098.7mV	0.073uA
16	1101.5mV	0.077uA	1099.1mV	0.090uA
17	1103.8mV	0.095uA	1059.6mV	0.092uA
18	1039.1mV	0.068uA	1086.7mV	0.067uA
19	1041.3mV	0.076uA	1065.6mV	0.087uA
20	1071.3mV	0.060uA	1049.6mV	0.080uA
21	1098.2mV	0.065uA	1085.5mV	0.052uA
22	1083.1mV	0.056uA	1084.6mV	0.092uA
23	1054.0mV	0.051uA	1077.4mV	0.086uA
24	1042.4mV	0.085uA	1069.0mV	0.055uA
25	1049.6mV	0.060uA	1078.6mV	0.084uA
26	1074.6mV	0.070uA	1061.1mV	0.055uA
27	1063.5mV	0.085uA	1069.6mV	0.068uA
28	1047.2mV	0.064uA	1059.5mV	0.084uA
29	1054.9mV	0.058uA	1089.0mV	0.091uA
30	1096.2mV	0.069uA	1062.7mV	0.079uA

SeCoS Corporation

High Temperature High Humidity Test Data

Report No : T140630-021
Part No : FR207G
Test Equipment: JUNO Test System DTS-1000
Test Condition : VF<1300mV@IF=2A, IR<5uA@VR=1000V
Test Condition: 85±2℃, 85±5%RH, 1000Hrs
Test Date: 2014.05.11 ~ 2014.06.23
Test Standard : JESD22 STANDARD Method-A101
Operator: Leo Hsia

Test Result: PASS

	Before		After	
No	VF (mV)	IR (uA)	VF (mV)	IR (uA)
31	1071.9mV	0.083uA	1080.8mV	0.071uA
32	1039.3mV	0.054uA	1041.3mV	0.059uA
33	1100.2mV	0.056uA	1097.5mV	0.066uA
34	1057.7mV	0.060uA	1072.5mV	0.087uA
35	1040.8mV	0.075uA	1091.2mV	0.088uA
36	1103.1mV	0.082uA	1099.5mV	0.095uA
37	1095.5mV	0.049uA	1049.4mV	0.090uA
38	1057.4mV	0.078uA	1065.1mV	0.086uA
39	1079.7mV	0.069uA	1093.0mV	0.073uA
40	1089.1mV	0.069uA	1101.0mV	0.055uA
41	1096.5mV	0.063uA	1057.7mV	0.048uA
42	1040.7mV	0.079uA	1092.9mV	0.094uA
43	1067.1mV	0.084uA	1064.7mV	0.088uA
44	1081.0mV	0.087uA	1055.0mV	0.060uA
45	1067.9mV	0.049uA	1089.5mV	0.092uA
46	1070.0mV	0.056uA	1087.3mV	0.070uA
47	1043.8mV	0.059uA	1097.6mV	0.066uA
48	1071.4mV	0.080uA	1055.3mV	0.081uA
49	1101.4mV	0.082uA	1058.4mV	0.080uA
50	1081.9mV	0.084uA	1062.4mV	0.075uA
51	1095.3mV	0.055uA	1065.1mV	0.084uA
52	1068.1mV	0.058uA	1089.3mV	0.053uA
53	1043.6mV	0.087uA	1080.7mV	0.050uA
54	1096.2mV	0.058uA	1084.7mV	0.084uA
55	1060.3mV	0.072uA	1057.4mV	0.073uA
56	1073.5mV	0.069uA	1073.4mV	0.059uA
57	1071.5mV	0.090uA	1062.4mV	0.072uA
58	1090.8mV	0.072uA	1071.1mV	0.092uA
59	1094.2mV	0.060uA	1060.5mV	0.067uA
60	1081.7mV	0.088uA	1065.3mV	0.065uA

SeCoS Corporation

High Temperature High Humidity Test Data

Report No : T140630-021
Part No : FR207G
Test Equipment: JUNO Test System DTS-1000
Test Condition : VF<1300mV@IF=2A, IR<5uA@VR=1000V
Test Condition: 85±2℃, 85±5%RH, 1000Hrs
Test Date: 2014.05.11 ~ 2014.06.23
Test Standard : JESD22 STANDARD Method-A101
Operator: Leo Hsia

Test Result: PASS

	Before		After	
No	VF (mV)	IR (uA)	VF (mV)	IR (uA)
61	1066.9mV	0.063uA	1060.5mV	0.055uA
62	1042.2mV	0.054uA	1081.5mV	0.083uA
63	1041.8mV	0.085uA	1062.8mV	0.091uA
64	1040.9mV	0.064uA	1040.0mV	0.051uA
65	1080.0mV	0.080uA	1076.0mV	0.063uA
66	1081.7mV	0.073uA	1102.0mV	0.055uA
67	1039.2mV	0.055uA	1075.8mV	0.048uA
68	1054.9mV	0.052uA	1054.3mV	0.075uA
69	1067.0mV	0.078uA	1055.4mV	0.052uA
70	1103.4mV	0.073uA	1056.8mV	0.086uA
71	1039.8mV	0.078uA	1099.4mV	0.077uA
72	1042.2mV	0.088uA	1100.3mV	0.068uA
73	1083.0mV	0.088uA	1049.6mV	0.082uA
74	1102.1mV	0.094uA	1038.5mV	0.088uA
75	1081.4mV	0.095uA	1076.8mV	0.070uA
76	1044.5mV	0.084uA	1059.3mV	0.058uA
77	1055.3mV	0.070uA	1088.8mV	0.063uA

Made By: Leo Hsia

Approval: Peter Yang

SeCoS Corporation

High Temper High Humidity Reverse Bies Test Data

Report No : T140630-021
Part No : FR207G
Test Equipment: JUNO Test System DTS-1000
Test Condition : VF<1300mV@IF=2A, IR<5uA@VR=1000V
Test Condition: 85±2℃, 85±5%RH, 1000Hrs
Test Date: 2014.05.11 ~ 2014.06.23
Test Standard : JESD22 STANDARD Method-A101
Operator: Leo Hsia

Test Result: PASS

	Before		After	
No	VF (mV)	IR (uA)	VF (mV)	IR (uA)
1	1093.5mV	0.088uA	1044.2mV	0.059uA
2	1074.5mV	0.050uA	1074.9mV	0.060uA
3	1084.7mV	0.087uA	1079.4mV	0.090uA
4	1040.5mV	0.051uA	1039.0mV	0.064uA
5	1049.0mV	0.069uA	1040.0mV	0.076uA
6	1073.7mV	0.084uA	1050.2mV	0.049uA
7	1066.5mV	0.058uA	1068.9mV	0.087uA
8	1074.3mV	0.065uA	1090.8mV	0.054uA
9	1074.4mV	0.081uA	1050.7mV	0.050uA
10	1079.9mV	0.062uA	1087.3mV	0.087uA
11	1086.5mV	0.087uA	1068.0mV	0.072uA
12	1059.9mV	0.061uA	1083.9mV	0.049uA
13	1052.0mV	0.051uA	1043.0mV	0.063uA
14	1065.2mV	0.066uA	1089.4mV	0.062uA
15	1058.8mV	0.071uA	1078.7mV	0.063uA
16	1040.3mV	0.055uA	1054.4mV	0.051uA
17	1061.4mV	0.076uA	1075.2mV	0.052uA
18	1082.4mV	0.087uA	1083.4mV	0.064uA
19	1041.7mV	0.063uA	1044.0mV	0.070uA
20	1052.8mV	0.050uA	1075.2mV	0.093uA
21	1100.9mV	0.062uA	1097.2mV	0.083uA
22	1070.9mV	0.057uA	1074.4mV	0.068uA
23	1040.6mV	0.060uA	1054.7mV	0.066uA
24	1065.2mV	0.082uA	1087.2mV	0.084uA
25	1095.7mV	0.083uA	1089.8mV	0.072uA
26	1077.0mV	0.095uA	1061.5mV	0.072uA
27	1055.3mV	0.068uA	1088.3mV	0.093uA
28	1082.7mV	0.069uA	1080.2mV	0.065uA
29	1068.8mV	0.083uA	1082.2mV	0.070uA
30	1039.9mV	0.081uA	1038.6mV	0.093uA

SeCoS Corporation

High Temper High Humidity Reverse Bies Test Data

Report No : T140630-021
Part No : FR207G
Test Equipment: JUNO Test System DTS-1000
Test Condition : VF<1300mV@IF=2A, IR<5uA@VR=1000V
Test Condition: 85±2℃, 85±5%RH, 1000Hrs
Test Date: 2014.05.11 ~ 2014.06.23
Test Standard : JESD22 STANDARD Method-A101
Operator: Leo Hsia

Test Result: PASS

	Before		After	
No	VF (mV)	IR (uA)	VF (mV)	IR (uA)
31	1085.6mV	0.073uA	1059.3mV	0.092uA
32	1090.7mV	0.090uA	1048.6mV	0.064uA
33	1050.8mV	0.083uA	1096.1mV	0.081uA
34	1056.1mV	0.057uA	1054.2mV	0.087uA
35	1093.7mV	0.050uA	1079.3mV	0.073uA
36	1072.1mV	0.053uA	1055.9mV	0.093uA
37	1055.8mV	0.079uA	1063.4mV	0.095uA
38	1059.8mV	0.076uA	1101.4mV	0.088uA
39	1074.8mV	0.054uA	1089.1mV	0.083uA
40	1042.4mV	0.058uA	1093.1mV	0.049uA
41	1058.4mV	0.075uA	1072.5mV	0.078uA
42	1049.7mV	0.058uA	1075.8mV	0.054uA
43	1074.3mV	0.079uA	1052.6mV	0.086uA
44	1070.0mV	0.092uA	1082.1mV	0.068uA
45	1047.4mV	0.069uA	1087.2mV	0.092uA
46	1082.9mV	0.059uA	1053.7mV	0.072uA
47	1081.4mV	0.051uA	1093.1mV	0.084uA
48	1070.2mV	0.051uA	1070.3mV	0.049uA
49	1090.4mV	0.065uA	1046.4mV	0.087uA
50	1050.8mV	0.086uA	1082.7mV	0.057uA
51	1063.7mV	0.061uA	1057.1mV	0.064uA
52	1085.3mV	0.082uA	1062.2mV	0.091uA
53	1074.1mV	0.091uA	1038.8mV	0.081uA
54	1090.0mV	0.084uA	1060.4mV	0.092uA
55	1068.9mV	0.079uA	1043.2mV	0.089uA
56	1040.4mV	0.068uA	1097.6mV	0.076uA
57	1084.1mV	0.093uA	1100.0mV	0.074uA
58	1039.0mV	0.094uA	1048.6mV	0.068uA
59	1083.0mV	0.071uA	1047.7mV	0.052uA
60	1071.7mV	0.068uA	1038.1mV	0.062uA

SeCoS Corporation

High Temper High Humidity Reverse Bies Test Data

Report No : T140630-021
Part No : FR207G
Test Equipment: JUNO Test System DTS-1000
Test Condition : VF<1300mV@IF=2A, IR<5uA@VR=1000V
Test Condition: 85±2℃, 85±5%RH, 1000Hrs
Test Date: 2014.05.11 ~ 2014.06.23
Test Standard : JESD22 STANDARD Method-A101
Operator: Leo Hsia

Test Result: PASS

	Before		After	
No	VF (mV)	IR (uA)	VF (mV)	IR (uA)
61	1102.5mV	0.078uA	1059.0mV	0.085uA
62	1052.7mV	0.095uA	1056.4mV	0.053uA
63	1066.7mV	0.057uA	1058.0mV	0.056uA
64	1075.3mV	0.087uA	1102.2mV	0.063uA
65	1079.5mV	0.080uA	1096.6mV	0.068uA
66	1039.1mV	0.086uA	1067.6mV	0.058uA
67	1102.6mV	0.084uA	1087.5mV	0.059uA
68	1059.9mV	0.081uA	1041.1mV	0.059uA
69	1039.7mV	0.074uA	1057.0mV	0.088uA
70	1094.2mV	0.056uA	1066.7mV	0.058uA
71	1101.9mV	0.090uA	1062.2mV	0.090uA
72	1098.7mV	0.086uA	1084.5mV	0.070uA
73	1048.1mV	0.050uA	1099.5mV	0.066uA
74	1058.9mV	0.094uA	1094.5mV	0.094uA
75	1064.4mV	0.086uA	1084.9mV	0.076uA
76	1039.2mV	0.072uA	1085.8mV	0.060uA
77	1066.7mV	0.056uA	1060.8mV	0.080uA

Made By: Leo Hsia

Approval: Peter Yang

SeCoS Corporation

Solderability Test Data

Report No : T140630-021
Part No : FR207G
Test Equipment: JUNO Test System DTS-1000
Test Condition : VF<1300mV@IF=2A, IR<5uA@VR=1000V
Test Condition: 270℃ ± 5℃, 7 Sec ± 2Sec
Test Date: 2014.06.28 ~ 2014.06.28
Test Standard : JESD22 STANDER Method-A106
Operator: Leo Hsia

Test Result: PASS

	Before		After	
No	VF (mV)	IR (uA)	VF (mV)	IR (uA)
1	1090.6mV	0.093uA	1080.2mV	0.085uA
2	1065.8mV	0.056uA	1075.3mV	0.092uA
3	1043.9mV	0.081uA	1063.5mV	0.057uA
4	1042.8mV	0.086uA	1059.1mV	0.051uA
5	1075.0mV	0.055uA	1101.6mV	0.080uA
6	1100.8mV	0.070uA	1057.3mV	0.071uA
7	1090.2mV	0.087uA	1044.2mV	0.070uA
8	1103.1mV	0.080uA	1042.7mV	0.059uA
9	1069.9mV	0.063uA	1045.5mV	0.076uA
10	1076.1mV	0.067uA	1103.1mV	0.094uA

Made By: Leo Hsia

Approval: Peter Yang