

Reliability test results for AOD4611

Item	Test	Condition	Time Point	Samples per Lot	Comment	Quantity of testing Samples	Quantity of failures
1	Solder Reflow Precondition	1 hr Pressure Pot, 3 Cycle of IR Reflow @240	0 hr	77+5	JESD22-A113-A	82	0
2	Temperature Cycling	-65 to + 150 air to air	250 cyc 500cyc 1000cyc	50 +5	MIL-STD-883	55	0
3	Pressure Pot	+121 , 15± PSIG, RH=100%	96 hr	50 +5	JESD22-A102-B	55	0
4	HAST	+130 , 85± %RH, 33.3 psi Vgs=80VGS MAX	50 hr 100hr	50 +5	JESD22-A110-A	55	0
5	HTRB	Ta=150 Vgs=80% VDS MAX	168 hr 500 hr 1000hr	77+5		82	0
6	HTGB	Ta=150 Vgs=100% VGS MAX	169 hr 500 hr 1000hr	77+5		82	0



AO4611 RELIABILITY TESTING REPORT

Burn-In Test ID: HTRB 168hrs

Part Number: AO4611

Package Type: SO8, Complementary Enhancement Mode Field Effect Transistor

Lot ID: (Mark) BD001

Wafer ID: P281/N281 FA3X-5047-C / #5 FA38-5007 /# 10

Test Name and Conditions: HTRB: N-CH VGS=0V, VDS=48V/P-CH VGS=0V,VDS=-48V, 150C, 168hrs

Device name : P-channel

Serial#	IGSS	IGSS	IDSS	BVDSS	VGSTH	RDSON	RDSON	VFSDS	IGSS	IGSS	IDSS
1	1.19E-09	1.70E-09	6.24E-10	6.73E+01	1.92E+00	3.23E-02	3.88E-02	7.44E-01	2.44E-09	1.44E-09	8.24E-10
2	2.69E-09	1.91E-09	8.75E-10	6.74E+01	1.91E+00	3.26E-02	3.91E-02	7.44E-01	3.12E-09	1.78E-09	1.11E-09
3	1.31E-09	1.89E-09	6.12E-10	7.08E+01	1.86E+00	3.55E-02	4.17E-02	7.43E-01	2.56E-09	1.26E-09	8.37E-10
4	1.62E-09	1.85E-09	7.29E-10	6.71E+01	1.94E+00	3.25E-02	3.92E-02	7.45E-01	2.83E-09	1.60E-09	9.16E-10
5	2.26E-09	2.50E-09	8.10E-10	6.80E+01	1.89E+00	3.31E-02	3.95E-02	7.43E-01	2.89E-09	1.96E-09	5.04E-10
6	1.60E-09	1.97E-09	8.98E-10	6.83E+01	1.88E+00	3.31E-02	3.95E-02	7.43E-01	3.16E-09	1.61E-09	8.53E-10
7	1.12E-09	1.62E-09	9.30E-10	6.70E+01	1.94E+00	3.27E-02	3.94E-02	7.45E-01	3.03E-09	1.84E-09	6.00E-10
8	2.06E-09	2.51E-09	8.20E-10	6.74E+01	1.95E+00	3.26E-02	3.94E-02	7.45E-01	3.28E-09	2.08E-09	7.74E-10
9	2.15E-09	2.61E-09	9.78E-10	6.74E+01	1.95E+00	3.27E-02	3.95E-02	7.45E-01	3.18E-09	1.82E-09	7.16E-10
10	9.51E-10	1.75E-09	6.45E-10	6.93E+01	1.94E+00	3.41E-02	4.08E-02	7.45E-01	2.74E-09	1.80E-09	8.65E-10
11	1.18E-09	1.89E-09	5.82E-10	6.94E+01	1.94E+00	3.43E-02	4.10E-02	7.45E-01	2.23E-09	1.15E-09	4.61E-10
12	1.15E-09	2.00E-09	4.50E-10	6.83E+01	1.95E+00	3.34E-02	4.01E-02	7.45E-01	2.11E-09	1.33E-09	2.51E-10
13	1.64E-09	2.38E-09	5.10E-10	6.80E+01	1.95E+00	3.33E-02	4.00E-02	7.45E-01	2.66E-09	1.75E-09	3.82E-10
14	1.79E-09	1.95E-09	8.57E-10	6.71E+01	1.94E+00	3.24E-02	3.91E-02	7.44E-01	3.00E-09	1.82E-09	6.05E-10
15	1.21E-09	1.74E-09	5.42E-10	6.73E+01	1.95E+00	3.27E-02	3.95E-02	7.45E-01	2.61E-09	1.44E-09	6.88E-10
16	1.68E-09	2.28E-09	7.73E-10	6.71E+01	1.94E+00	3.23E-02	3.90E-02	7.44E-01	3.23E-09	1.72E-09	8.94E-10
17	2.30E-09	2.35E-09	3.58E-10	6.83E+01	1.91E+00	3.34E-02	3.99E-02	7.44E-01	2.27E-09	1.44E-09	2.70E-10
18	1.72E-09	2.25E-09	4.29E-10	7.03E+01	1.91E+00	3.53E-02	4.18E-02	7.44E-01	2.48E-09	1.90E-09	4.05E-10
19	1.64E-09	2.13E-09	9.92E-10	7.01E+01	1.91E+00	3.48E-02	4.14E-02	7.44E-01	3.27E-09	1.65E-09	4.60E-10
20	1.13E-09	2.35E-09	3.82E-10	6.89E+01	1.91E+00	3.38E-02	4.03E-02	7.44E-01	2.59E-09	1.32E-09	5.47E-10
21	2.19E-09	2.68E-09	1.30E-10	6.83E+01	1.91E+00	3.34E-02	4.00E-02	7.44E-01	2.11E-09	1.05E-09	3.66E-10

22	1.62E-09	2.46E-09	7.44E-10	6.80E+01	1.91E+00	3.32E-02	3.97E-02	7.44E-01	1.93E-09	1.36E-09	1.12E-09
23	8.36E-10	1.86E-09	9.60E-10	6.79E+01	1.91E+00	3.30E-02	3.96E-02	7.44E-01	3.16E-09	1.90E-09	8.86E-10
24	7.56E-10	1.66E-09	8.33E-10	6.83E+01	1.89E+00	3.33E-02	3.97E-02	7.43E-01	2.70E-09	1.84E-09	6.14E-10
25	1.17E-09	2.04E-09	9.13E-10	6.81E+01	1.89E+00	3.32E-02	3.96E-02	7.43E-01	3.33E-09	2.43E-09	3.97E-10
26	1.53E-09	2.41E-09	3.57E-10	6.71E+01	1.95E+00	3.26E-02	3.94E-02	7.44E-01	2.41E-09	1.65E-09	5.17E-10
27	1.41E-09	2.69E-10	3.48E-09	6.72E+01	1.94E+00	3.25E-02	3.93E-02	7.43E-01	3.33E-09	5.37E-10	1.93E-08
28	1.40E-09	1.57E-09	4.60E-10	6.74E+01	1.93E+00	3.27E-02	3.94E-02	7.44E-01	2.69E-09	1.04E-09	7.78E-10
29	2.08E-09	2.62E-09	3.75E-10	6.74E+01	1.93E+00	3.26E-02	3.92E-02	7.44E-01	2.91E-09	2.00E-09	4.22E-10
30	7.66E-10	1.35E-09	5.04E-10	6.73E+01	1.93E+00	3.26E-02	3.92E-02	7.44E-01	2.18E-09	1.09E-09	4.93E-10
31	1.66E-09	2.51E-09	3.03E-10	6.75E+01	1.92E+00	3.25E-02	3.91E-02	7.44E-01	2.04E-09	1.00E-09	4.15E-10
32	1.56E-09	2.38E-09	6.16E-10	6.75E+01	1.91E+00	3.27E-02	3.92E-02	7.44E-01	3.37E-09	2.28E-09	7.82E-10
33	1.19E-09	1.70E-09	5.97E-10	6.81E+01	1.90E+00	3.30E-02	3.95E-02	7.43E-01	3.19E-09	2.23E-09	6.13E-10
34	8.18E-10	1.56E-09	3.77E-10	6.85E+01	1.88E+00	3.35E-02	3.98E-02	7.43E-01	2.34E-09	9.04E-10	6.87E-10
35	1.97E-09	2.63E-09	7.80E-10	7.00E+01	1.87E+00	3.45E-02	4.07E-02	7.42E-01	3.26E-09	2.02E-09	1.88E-10
36	1.62E-09	2.50E-09	3.30E-10	6.70E+01	1.94E+00	3.24E-02	3.91E-02	7.44E-01	2.14E-09	1.82E-09	3.51E-10
37	2.03E-09	2.60E-09	5.78E-10	6.80E+01	1.90E+00	3.30E-02	3.94E-02	7.43E-01	3.54E-09	1.05E-09	6.52E-10
38	1.03E-09	1.41E-09	3.03E-10	6.77E+01	1.91E+00	3.28E-02	3.94E-02	7.43E-01	1.88E-09	1.12E-09	6.84E-10
39	2.13E-09	2.72E-09	9.54E-10	6.74E+01	1.92E+00	3.26E-02	3.92E-02	7.44E-01	3.41E-09	2.19E-09	3.87E-10
40	1.46E-09	2.26E-09	3.48E-10	6.73E+01	1.92E+00	3.27E-02	3.94E-02	7.43E-01	2.43E-09	1.43E-09	3.06E-10
41	1.23E-09	1.90E-09	7.43E-10	6.74E+01	1.93E+00	3.26E-02	3.92E-02	7.44E-01	3.06E-09	1.35E-09	7.61E-10
42	1.73E-09	2.28E-09	6.26E-10	6.75E+01	1.93E+00	3.26E-02	3.93E-02	7.44E-01	2.18E-09	1.64E-09	7.26E-10
43	1.65E-09	2.50E-09	4.73E-10	6.85E+01	1.88E+00	3.35E-02	3.99E-02	7.43E-01	2.27E-09	2.95E-09	2.12E-10
44	1.82E-09	2.48E-09	1.01E-09	6.81E+01	1.90E+00	3.31E-02	3.95E-02	7.43E-01	3.47E-09	8.60E-10	8.51E-10
45	7.65E-10	1.63E-09	8.30E-10	6.77E+01	1.91E+00	3.26E-02	3.92E-02	7.43E-01	2.96E-09	2.08E-09	5.56E-10
46	1.08E-09	1.63E-09	5.98E-10	6.71E+01	1.92E+00	3.25E-02	3.91E-02	7.44E-01	2.65E-09	1.26E-09	9.07E-10
47	1.31E-09	1.67E-09	6.80E-10	6.72E+01	1.92E+00	3.25E-02	3.91E-02	7.43E-01	2.78E-09	1.23E-09	6.00E-10
48	1.09E-09	1.58E-09	4.13E-10	6.73E+01	1.93E+00	3.30E-02	3.96E-02	7.44E-01	2.45E-09	1.18E-09	1.12E-10
49	1.99E-09	2.59E-09	3.17E-10	6.78E+01	1.93E+00	3.31E-02	3.97E-02	7.44E-01	2.45E-09	1.46E-09	5.43E-10
50	1.81E-09	2.64E-09	5.60E-10	6.84E+01	1.93E+00	3.36E-02	4.03E-02	7.44E-01	2.75E-09	2.01E-09	4.68E-10
51	1.14E-09	1.82E-09	6.57E-10	6.99E+01	1.93E+00	3.48E-02	4.14E-02	7.44E-01	2.91E-09	2.29E-09	2.75E-10
52	9.30E-10	1.28E-09	3.13E-10	6.97E+01	1.93E+00	3.46E-02	4.12E-02	7.44E-01	1.44E-09	1.11E-09	4.99E-10
53	2.13E-09	2.47E-09	5.94E-10	6.84E+01	1.93E+00	3.34E-02	4.01E-02	7.44E-01	2.75E-09	1.90E-09	4.07E-10
54	2.09E-09	2.61E-09	1.77E-10	6.78E+01	1.93E+00	3.32E-02	3.99E-02	7.44E-01	2.00E-09	1.33E-09	2.83E-10

55	2.30E-09	2.75E-09	6.85E-10	6.80E+01	1.91E+00	3.30E-02	3.95E-02	7.43E-01	3.12E-09	1.35E-09	5.47E-10
56	1.64E-09	1.92E-09	7.73E-10	6.84E+01	1.89E+00	3.32E-02	3.96E-02	7.43E-01	3.02E-09	2.14E-09	7.04E-10
57	1.12E-09	2.02E-09	7.19E-10	6.93E+01	1.88E+00	3.39E-02	4.02E-02	7.42E-01	2.74E-09	1.40E-09	8.46E-10
58	7.66E-10	1.75E-09	1.09E-09	7.06E+01	1.86E+00	3.49E-02	4.12E-02	7.42E-01	3.10E-09	2.27E-09	4.59E-10
59	1.67E-09	2.17E-09	4.90E-10	6.99E+01	1.87E+00	3.45E-02	4.08E-02	7.42E-01	2.43E-09	1.44E-09	2.19E-10
60	1.08E-09	1.90E-09	3.33E-10	6.87E+01	1.88E+00	3.37E-02	4.00E-02	7.42E-01	2.13E-09	1.16E-09	8.78E-10
61	1.30E-09	1.77E-09	6.44E-10	6.83E+01	1.89E+00	3.33E-02	3.97E-02	7.43E-01	3.01E-09	1.21E-09	7.77E-10
62	1.81E-09	2.40E-09	3.70E-10	6.81E+01	1.90E+00	3.31E-02	3.96E-02	7.43E-01	1.99E-09	1.07E-09	8.90E-10
63	9.72E-10	1.12E-09	3.83E-10	6.80E+01	1.91E+00	3.33E-02	3.98E-02	7.43E-01	2.25E-09	9.99E-10	8.99E-10
64	1.11E-09	2.00E-09	7.82E-10	6.79E+01	1.91E+00	3.32E-02	3.97E-02	7.43E-01	2.61E-09	1.48E-09	8.41E-10
65	1.21E-09	2.35E-09	5.68E-10	6.73E+01	1.93E+00	3.26E-02	3.93E-02	7.44E-01	2.24E-09	1.27E-09	7.28E-10
66	1.19E-09	1.77E-09	7.50E-10	6.72E+01	1.92E+00	3.26E-02	3.93E-02	7.44E-01	2.66E-09	1.41E-09	8.69E-10
67	9.97E-10	1.45E-09	9.43E-10	6.73E+01	1.91E+00	3.25E-02	3.91E-02	7.43E-01	2.88E-09	1.90E-09	1.01E-09
68	1.31E-09	1.60E-09	5.16E-10	6.76E+01	1.90E+00	3.30E-02	3.96E-02	7.43E-01	1.89E-09	1.48E-09	7.68E-10
69	1.87E-09	2.73E-09	3.64E-10	6.85E+01	1.88E+00	3.34E-02	3.98E-02	7.42E-01	1.96E-09	1.55E-09	7.98E-10
70	1.93E-09	2.64E-09	6.55E-10	7.01E+01	1.87E+00	3.47E-02	4.10E-02	7.42E-01	2.36E-09	1.78E-09	3.62E-10
71	1.09E-09	1.47E-09	1.11E-09	6.98E+01	1.88E+00	3.47E-02	4.10E-02	7.42E-01	3.24E-09	2.06E-09	5.31E-10
72	1.28E-09	2.24E-09	1.00E-09	6.83E+01	1.89E+00	3.35E-02	3.99E-02	7.43E-01	3.02E-09	2.11E-09	5.39E-10
73	6.69E-10	1.80E-09	4.91E-10	6.77E+01	1.90E+00	3.31E-02	3.96E-02	7.43E-01	2.39E-09	9.57E-10	9.81E-10
74	1.83E-09	1.98E-09	7.50E-10	6.75E+01	1.91E+00	3.28E-02	3.94E-02	7.43E-01	2.84E-09	2.15E-09	7.03E-10
75	1.86E-09	2.27E-09	6.53E-10	6.73E+01	1.92E+00	3.27E-02	3.94E-02	7.43E-01	2.46E-09	1.61E-09	4.13E-10
76	1.81E-09	2.33E-09	5.88E-10	6.71E+01	1.93E+00	3.28E-02	3.94E-02	7.44E-01	2.38E-09	1.84E-09	5.44E-10
77	1.06E-09	1.85E-09	8.47E-10	6.70E+01	1.93E+00	3.26E-02	3.93E-02	7.44E-01	2.81E-09	1.24E-09	7.46E-10
78	1.38E-09	1.05E-09	7.71E-10	6.70E+01	1.94E+00	3.29E-02	3.96E-02	7.44E-01	2.53E-09	1.46E-09	6.87E-10
79	1.80E-09	2.03E-09	8.64E-10	6.68E+01	1.94E+00	3.27E-02	3.95E-02	7.44E-01	3.05E-09	1.72E-09	9.45E-10
80	1.38E-09	2.52E-09	4.66E-10	6.71E+01	1.94E+00	3.29E-02	3.96E-02	7.44E-01	2.13E-09	1.23E-09	5.41E-10
81	1.89E-09	2.41E-09	9.32E-10	6.72E+01	1.95E+00	3.28E-02	3.95E-02	7.44E-01	3.26E-09	2.02E-09	4.52E-10
82	1.30E-09	1.66E-09	8.25E-10	6.76E+01	1.95E+00	3.30E-02	3.98E-02	7.44E-01	2.84E-09	1.71E-09	7.87E-10

Median	1.43E-09	2.01E-09	6.35E-10	6.78E+01	1.92E+00	3.30E-02	3.96E-02	7.44E-01	2.70E-09	1.57E-09	6.14E-10
Min	6.69E-10	2.69E-10	1.30E-10	6.68E+01	1.86E+00	3.23E-02	3.88E-02	7.42E-01	1.44E-09	5.37E-10	1.12E-10
Max	2.69E-09	2.75E-09	3.48E-09	7.08E+01	1.95E+00	3.55E-02	4.18E-02	7.45E-01	3.54E-09	2.95E-09	1.93E-08
Std Dev	4.47E-10	4.66E-10	3.88E-10	9.71E-01	2.35E-02	7.43E-04	6.70E-04	7.52E-04	4.59E-10	4.33E-10	2.08E-09

N-channel

Serial#	IGSS	IGSS	IDSS	BVDSS	VGSTH	RDSON	RDSON	VFSDS	IGSS	IGSS	IDSS
1	5.89E-10	1.07E-09	1.70E-09	7.05E+01	2.15E+00	1.98E-02	2.27E-02	7.31E-01	3.15E-09	2.07E-09	5.42E-10
2	5.64E-10	1.57E-09	6.60E-10	7.05E+01	2.15E+00	1.98E-02	2.28E-02	7.31E-01	2.18E-09	6.70E-10	1.84E-09
3	8.11E-10	1.33E-09	1.59E-09	7.03E+01	2.17E+00	1.99E-02	2.29E-02	7.31E-01	3.22E-09	2.16E-09	1.65E-09
4	5.91E-10	1.73E-09	1.47E-09	7.05E+01	2.16E+00	1.98E-02	2.28E-02	7.31E-01	2.71E-09	1.42E-09	1.51E-09
5	1.16E-09	2.25E-09	1.31E-09	7.04E+01	2.16E+00	2.01E-02	2.30E-02	7.31E-01	2.92E-09	2.11E-09	6.60E-10
6	6.02E-10	1.63E-09	1.49E-09	7.04E+01	2.16E+00	2.00E-02	2.30E-02	7.31E-01	2.83E-09	1.69E-09	1.29E-09
7	1.25E-09	1.85E-09	1.57E-09	7.02E+01	2.16E+00	1.97E-02	2.27E-02	7.30E-01	3.14E-09	2.11E-09	6.79E-10
8	5.42E-10	1.72E-09	1.67E-09	7.07E+01	2.14E+00	1.96E-02	2.26E-02	7.30E-01	3.24E-09	2.21E-09	6.45E-10
9	5.31E-10	1.30E-09	1.63E-09	7.08E+01	2.13E+00	1.97E-02	2.27E-02	7.30E-01	2.92E-09	1.67E-09	1.72E-09
10	7.20E-10	1.62E-09	1.33E-09	7.15E+01	2.12E+00	2.00E-02	2.30E-02	7.30E-01	2.70E-09	1.17E-09	1.43E-09
11	1.54E-09	2.70E-09	7.07E-10	7.14E+01	2.12E+00	2.00E-02	2.30E-02	7.30E-01	1.85E-09	7.44E-10	1.62E-09
12	1.54E-09	2.67E-09	6.72E-10	7.00E+01	2.08E+00	2.00E-02	2.32E-02	7.30E-01	1.98E-09	1.15E-09	1.23E-09
13	1.46E-09	2.42E-09	6.64E-10	6.82E+01	2.06E+00	1.97E-02	2.29E-02	7.30E-01	1.90E-09	5.24E-10	7.61E-10
14	1.39E-09	1.94E-09	1.36E-09	7.10E+01	2.13E+00	1.96E-02	2.25E-02	7.29E-01	2.81E-09	2.01E-09	5.69E-10
15	7.57E-10	1.31E-09	1.84E-09	7.16E+01	2.12E+00	2.02E-02	2.32E-02	7.30E-01	3.26E-09	2.06E-09	6.08E-10
16	3.31E-10	1.30E-09	1.70E-09	7.11E+01	2.13E+00	1.96E-02	2.26E-02	7.29E-01	3.10E-09	1.87E-09	9.65E-10
17	1.67E-09	2.81E-09	4.04E-10	7.05E+01	2.18E+00	2.01E-02	2.31E-02	7.31E-01	2.28E-09	1.44E-09	6.93E-10
18	1.31E-09	2.51E-09	1.21E-09	7.05E+01	2.17E+00	2.00E-02	2.29E-02	7.31E-01	2.65E-09	1.80E-09	7.13E-10
19	1.28E-09	1.94E-09	1.35E-09	7.08E+01	2.18E+00	1.99E-02	2.28E-02	7.30E-01	3.03E-09	2.11E-09	4.66E-10
20	1.23E-09	2.21E-09	8.53E-10	7.10E+01	2.17E+00	1.99E-02	2.29E-02	7.31E-01	2.15E-09	8.36E-10	1.77E-09
21	1.64E-09	2.41E-09	6.71E-10	7.14E+01	2.18E+00	2.00E-02	2.30E-02	7.31E-01	2.04E-09	9.97E-10	6.84E-10
22	6.48E-10	1.33E-09	2.27E-09	7.16E+01	2.17E+00	2.01E-02	2.31E-02	7.31E-01	3.14E-09	1.90E-09	1.20E-09
23	2.95E-10	1.18E-09	1.75E-09	6.98E+01	2.09E+00	1.99E-02	2.30E-02	7.29E-01	3.10E-09	1.97E-09	8.35E-10
24	1.30E-09	1.81E-09	1.51E-09	7.09E+01	2.14E+00	1.97E-02	2.27E-02	7.29E-01	3.00E-09	1.98E-09	1.24E-09
25	1.90E-09	2.63E-09	7.65E-10	7.08E+01	2.14E+00	1.97E-02	2.27E-02	7.29E-01	2.19E-09	1.21E-09	1.27E-09
26	1.39E-09	2.25E-09	7.12E-10	7.18E+01	2.12E+00	2.02E-02	2.34E-02	7.30E-01	1.89E-09	5.30E-10	1.59E-09
27	6.18E-10	2.66E-09	6.52E-10	7.13E+01	2.12E+00	1.98E-02	2.28E-02	7.28E-01	2.68E-09	2.33E-09	3.39E-10
28	6.44E-10	1.21E-09	1.75E-09	7.13E+01	2.14E+00	2.01E-02	2.32E-02	7.30E-01	3.13E-09	1.91E-09	6.64E-10
29	1.08E-09	2.15E-09	1.15E-09	7.09E+01	2.13E+00	1.99E-02	2.28E-02	7.29E-01	2.64E-09	1.71E-09	4.39E-10
30	1.08E-09	2.19E-09	9.14E-10	7.08E+01	2.14E+00	1.98E-02	2.27E-02	7.30E-01	2.18E-09	6.05E-10	1.68E-09

31	1.37E-09	2.70E-09	9.85E-10	7.05E+01	2.14E+00	1.98E-02	2.28E-02	7.30E-01	2.86E-09	1.54E-09	6.77E-10
32	2.82E-10	1.46E-09	1.72E-09	7.04E+01	2.15E+00	1.99E-02	2.28E-02	7.30E-01	3.17E-09	2.02E-09	8.09E-10
33	7.26E-10	1.70E-09	1.50E-09	7.04E+01	2.16E+00	2.01E-02	2.31E-02	7.31E-01	3.18E-09	2.16E-09	5.06E-10
34	6.28E-10	1.49E-09	1.50E-09	7.03E+01	2.16E+00	2.00E-02	2.30E-02	7.31E-01	2.95E-09	1.66E-09	1.18E-09
35	1.61E-09	2.68E-09	6.79E-10	7.05E+01	2.17E+00	2.00E-02	2.30E-02	7.31E-01	2.28E-09	1.31E-09	8.68E-10
36	1.53E-09	2.41E-09	1.63E-09	7.06E+01	2.15E+00	1.96E-02	2.25E-02	7.30E-01	3.46E-09	1.85E-09	7.95E-10
37	4.77E-10	1.66E-09	1.38E-09	7.04E+01	2.18E+00	2.00E-02	2.29E-02	7.31E-01	2.95E-09	1.96E-09	1.60E-09
38	6.53E-10	1.25E-09	1.52E-09	7.05E+01	2.17E+00	2.00E-02	2.30E-02	7.31E-01	3.03E-09	1.89E-09	1.16E-09
39	1.81E-09	2.83E-09	7.20E-10	7.04E+01	2.16E+00	2.01E-02	2.30E-02	7.30E-01	2.29E-09	1.38E-09	1.19E-09
40	1.54E-09	2.91E-09	1.67E-09	7.04E+01	2.16E+00	2.00E-02	2.30E-02	7.30E-01	3.59E-09	2.18E-09	6.33E-10
41	9.30E-10	1.86E-09	1.28E-09	7.02E+01	2.16E+00	2.01E-02	2.30E-02	7.30E-01	2.35E-09	1.13E-09	1.58E-09
42	1.19E-09	2.47E-09	9.03E-10	7.05E+01	2.15E+00	2.00E-02	2.29E-02	7.30E-01	2.73E-09	1.53E-09	9.03E-10
43	1.77E-09	2.89E-09	1.59E-09	7.04E+01	2.18E+00	1.99E-02	2.29E-02	7.31E-01	3.55E-09	2.19E-09	6.57E-10
44	3.66E-10	1.51E-09	1.77E-09	7.04E+01	2.18E+00	1.99E-02	2.29E-02	7.31E-01	3.15E-09	2.17E-09	8.81E-10
45	1.33E-09	2.21E-09	1.35E-09	7.05E+01	2.18E+00	1.98E-02	2.28E-02	7.31E-01	3.00E-09	1.99E-09	6.82E-10
46	5.36E-10	1.44E-09	1.63E-09	7.08E+01	2.17E+00	1.97E-02	2.26E-02	7.30E-01	3.21E-09	2.19E-09	5.86E-10
47	9.36E-10	2.05E-09	9.82E-10	7.07E+01	2.17E+00	1.98E-02	2.28E-02	7.30E-01	2.39E-09	1.09E-09	1.50E-09
48	1.34E-09	2.78E-09	6.30E-10	7.05E+01	2.14E+00	1.99E-02	2.29E-02	7.29E-01	2.23E-09	1.36E-09	8.84E-10
49	1.19E-09	2.25E-09	8.58E-10	7.07E+01	2.14E+00	1.98E-02	2.27E-02	7.29E-01	2.09E-09	6.43E-10	1.02E-09
50	1.18E-09	2.41E-09	1.84E-09	7.09E+01	2.13E+00	1.99E-02	2.28E-02	7.29E-01	3.39E-09	1.67E-09	1.00E-09
51	1.81E-09	2.40E-09	7.98E-10	7.14E+01	2.13E+00	2.00E-02	2.30E-02	7.29E-01	2.24E-09	1.24E-09	9.53E-10
52	1.10E-09	2.16E-09	8.62E-10	7.17E+01	2.12E+00	2.03E-02	2.33E-02	7.30E-01	1.93E-09	6.31E-10	1.83E-09
53	1.27E-09	2.30E-09	1.70E-09	7.06E+01	2.09E+00	2.02E-02	2.34E-02	7.30E-01	3.34E-09	1.66E-09	9.01E-10
54	1.43E-09	2.72E-09	4.83E-10	7.03E+01	2.08E+00	2.03E-02	2.35E-02	7.30E-01	1.90E-09	6.84E-10	1.44E-09
55	9.05E-10	2.04E-09	1.62E-09	7.14E+01	2.13E+00	1.99E-02	2.29E-02	7.29E-01	3.03E-09	1.58E-09	1.07E-09
56	8.15E-10	2.01E-09	1.61E-09	7.08E+01	2.14E+00	1.98E-02	2.27E-02	7.29E-01	3.05E-09	2.14E-09	5.89E-10
57	5.72E-10	1.58E-09	1.27E-09	7.05E+01	2.14E+00	1.99E-02	2.29E-02	7.29E-01	2.63E-09	1.28E-09	1.23E-09
58	1.55E-09	2.55E-09	1.21E-09	7.05E+01	2.15E+00	2.00E-02	2.29E-02	7.30E-01	2.60E-09	1.60E-09	8.33E-10
59	1.54E-09	2.69E-09	1.65E-09	7.05E+01	2.16E+00	2.01E-02	2.31E-02	7.30E-01	3.46E-09	2.04E-09	6.69E-10
60	7.68E-10	1.76E-09	7.36E-10	7.04E+01	2.16E+00	2.02E-02	2.31E-02	7.30E-01	2.22E-09	8.17E-10	1.67E-09
61	6.83E-10	1.54E-09	1.68E-09	7.04E+01	2.16E+00	2.03E-02	2.33E-02	7.30E-01	3.26E-09	2.21E-09	6.38E-10
62	5.18E-10	1.47E-09	1.62E-09	7.04E+01	2.16E+00	2.01E-02	2.31E-02	7.30E-01	3.13E-09	1.81E-09	1.70E-09
63	4.00E-10	1.58E-09	7.97E-10	7.04E+01	2.16E+00	2.02E-02	2.31E-02	7.30E-01	2.37E-09	6.52E-10	9.65E-10

64	7.80E-10	1.86E-09	1.34E-09	7.04E+01	2.17E+00	2.01E-02	2.30E-02	7.30E-01	2.59E-09	1.46E-09	1.41E-09
65	1.07E-09	2.12E-09	9.73E-10	7.12E+01	2.15E+00	2.01E-02	2.31E-02	7.30E-01	2.20E-09	7.72E-10	1.70E-09
66	7.51E-10	1.53E-09	2.31E-09	6.65E+01	2.06E+00	1.92E-02	2.24E-02	7.29E-01	3.23E-09	2.14E-09	2.12E-09
67	3.74E-10	1.40E-09	1.78E-09	7.15E+01	2.17E+00	2.00E-02	2.30E-02	7.30E-01	3.15E-09	1.83E-09	1.74E-09
68	4.41E-10	3.23E-09	1.42E-09	7.15E+01	2.19E+00	2.00E-02	2.30E-02	7.30E-01	2.05E-09	1.06E-09	1.22E-09
69	1.02E-09	1.83E-09	7.53E-10	7.12E+01	2.19E+00	1.98E-02	2.27E-02	7.30E-01	2.43E-09	1.03E-09	1.38E-09
70	1.40E-09	2.59E-09	1.18E-09	7.09E+01	2.18E+00	1.98E-02	2.27E-02	7.30E-01	2.58E-09	1.69E-09	1.01E-09
71	1.66E-09	2.56E-09	1.82E-09	7.09E+01	2.19E+00	1.97E-02	2.28E-02	7.30E-01	3.45E-09	1.88E-09	8.09E-10
72	8.51E-10	1.96E-09	1.57E-09	7.07E+01	2.19E+00	1.99E-02	2.29E-02	7.31E-01	3.28E-09	2.16E-09	6.16E-10
73	4.85E-10	1.45E-09	1.71E-09	7.05E+01	2.18E+00	1.99E-02	2.29E-02	7.30E-01	3.10E-09	1.79E-09	1.25E-09
74	9.86E-10	2.17E-09	1.76E-09	7.05E+01	2.16E+00	1.99E-02	2.29E-02	7.30E-01	3.21E-09	1.64E-09	1.20E-09
75	1.35E-09	2.73E-09	1.11E-09	7.04E+01	2.17E+00	2.00E-02	2.30E-02	7.29E-01	2.47E-09	1.71E-09	9.40E-10
76	1.48E-09	2.81E-09	9.00E-10	7.04E+01	2.18E+00	2.01E-02	2.31E-02	7.30E-01	2.04E-09	7.39E-10	9.15E-10
77	7.64E-10	1.79E-09	1.37E-09	7.04E+01	2.18E+00	2.00E-02	2.30E-02	7.30E-01	2.45E-09	1.28E-09	1.59E-09
78	8.57E-10	2.07E-09	1.04E-09	7.03E+01	2.17E+00	2.01E-02	2.31E-02	7.30E-01	2.79E-09	8.64E-10	1.64E-09
79	4.38E-10	1.59E-09	1.49E-09	7.03E+01	2.16E+00	1.99E-02	2.29E-02	7.30E-01	2.92E-09	1.70E-09	1.13E-09
80	1.21E-09	2.53E-09	8.09E-10	7.06E+01	2.14E+00	2.00E-02	2.29E-02	7.29E-01	2.10E-09	6.38E-10	1.66E-09
81	1.34E-09	2.42E-09	1.74E-09	7.07E+01	2.14E+00	1.99E-02	2.28E-02	7.29E-01	3.41E-09	1.71E-09	9.02E-10
82	8.37E-10	1.58E-09	1.40E-09	7.09E+01	2.13E+00	1.98E-02	2.28E-02	7.28E-01	2.94E-09	1.05E-09	1.37E-09

Median	1.01E-09	2.05E-09	1.37E-09	7.05E+01	2.16E+00	1.99E-02	2.29E-02	7.30E-01	2.84E-09	1.67E-09	1.00E-09
Min	2.82E-10	1.07E-09	4.04E-10	6.65E+01	2.06E+00	1.92E-02	2.24E-02	7.28E-01	1.85E-09	5.24E-10	3.39E-10
Max	1.90E-09	3.23E-09	2.31E-09	7.18E+01	2.19E+00	2.03E-02	2.35E-02	7.31E-01	3.59E-09	2.33E-09	2.12E-09
Std Dev	4.35E-10	5.26E-10	4.33E-10	6.85E-01	2.87E-02	1.87E-04	2.02E-04	6.51E-04	4.84E-10	5.26E-10	4.24E-10

Burn-In Test ID: HTGB 168hrs

Part Number: AO4611

Package Type: SO8, Complementary Enhancement Mode Field Effect Transistor

Lot ID: (Mark) BD001

Wafer ID: P281/N281 FA3X-5047-C / #5 FA38-5007 / # 10

Test Name and Conditions: HTGB: N-CH VGS=20V, VDS=0V/P-CH VGS=-20V,VDS=0V, 150C, 168hrs

Device name :P-channel

Serial#	IGSS	IGSS	IDSS	BVDSS	VGSTH	RDSON	RDSON	VFSDS	IGSS	IGSS	IDSS
1	9.22E-10	1.92E-09	6.40E-09	6.78E+01	2.06E+00	3.34E-02	4.29E-02	7.49E-01	1.63E-09	1.35E-09	6.80E-09
2	2.33E-09	2.51E-09	6.76E-09	6.78E+01	2.04E+00	3.35E-02	4.30E-02	7.49E-01	1.51E-09	1.36E-09	7.06E-09
3	1.15E-09	1.48E-09	7.21E-09	6.77E+01	2.05E+00	3.35E-02	4.29E-02	7.49E-01	2.38E-09	1.97E-09	7.24E-09
4	2.36E-09	2.89E-09	2.44E-08	6.70E+01	2.07E+00	3.28E-02	4.25E-02	7.50E-01	3.64E-09	2.71E-09	1.38E-08
5	1.02E-09	1.65E-09	7.56E-09	6.71E+01	2.07E+00	3.32E-02	4.29E-02	7.48E-01	1.64E-09	1.27E-09	7.80E-09
6	1.30E-09	1.72E-09	7.66E-09	6.69E+01	2.09E+00	3.30E-02	4.29E-02	7.50E-01	2.54E-09	1.48E-09	7.88E-09
7	2.00E-09	2.67E-09	6.92E-09	6.79E+01	2.06E+00	3.36E-02	4.31E-02	7.50E-01	2.89E-09	2.34E-09	6.87E-09
8	2.30E-09	2.58E-09	6.83E-09	6.77E+01	2.05E+00	3.35E-02	4.28E-02	7.49E-01	2.78E-09	2.44E-09	6.48E-09
9	1.76E-09	2.88E-09	6.02E-09	6.83E+01	2.03E+00	3.38E-02	4.30E-02	7.49E-01	1.72E-09	1.52E-09	7.02E-09
10	1.03E-09	1.81E-09	5.98E-09	7.02E+01	2.02E+00	3.56E-02	4.48E-02	7.48E-01	1.76E-09	1.33E-09	6.80E-09
11	1.04E-09	2.41E-09	6.48E-09	6.85E+01	2.03E+00	3.39E-02	4.31E-02	7.49E-01	1.85E-09	1.62E-09	6.66E-09
12	9.31E-10	1.78E-09	5.97E-09	7.01E+01	2.02E+00	3.53E-02	4.45E-02	7.49E-01	1.83E-09	1.20E-09	6.22E-09
13	2.17E-09	2.59E-09	6.06E-09	6.91E+01	2.06E+00	3.46E-02	4.41E-02	7.50E-01	1.64E-09	1.46E-09	6.89E-09
14	1.76E-09	1.98E-09	6.89E-09	6.77E+01	2.07E+00	3.36E-02	4.31E-02	7.50E-01	2.57E-09	2.20E-09	6.70E-09
15	1.60E-09	1.88E-09	6.61E-09	7.07E+01	2.02E+00	3.59E-02	4.50E-02	7.48E-01	2.69E-09	2.40E-09	6.61E-09
16	1.68E-09	2.05E-09	6.55E-09	6.81E+01	2.04E+00	3.38E-02	4.30E-02	7.49E-01	2.36E-09	2.38E-09	6.41E-09
17	2.13E-09	2.52E-09	7.09E-09	6.81E+01	2.04E+00	3.38E-02	4.31E-02	7.49E-01	2.99E-09	2.28E-09	7.14E-09
18	1.02E-09	1.56E-09	7.49E-09	6.76E+01	2.06E+00	3.35E-02	4.31E-02	7.49E-01	2.76E-09	2.09E-09	7.58E-09
19	9.27E-10	1.75E-09	6.61E-09	6.77E+01	2.06E+00	3.35E-02	4.30E-02	7.49E-01	1.71E-09	1.20E-09	7.03E-09
20	1.60E-09	2.54E-09	6.89E-09	6.78E+01	2.07E+00	3.36E-02	4.33E-02	7.49E-01	1.58E-09	1.19E-09	7.11E-09
21	1.15E-09	2.57E-09	6.58E-09	6.79E+01	2.06E+00	3.39E-02	4.35E-02	7.49E-01	2.23E-09	1.23E-09	6.83E-09
22	1.93E-09	2.66E-09	6.45E-09	6.91E+01	2.06E+00	3.48E-02	4.43E-02	7.49E-01	2.07E-09	2.13E-09	6.79E-09
23	1.02E-09	1.56E-09	6.08E-09	6.93E+01	2.06E+00	3.52E-02	4.45E-02	7.49E-01	1.71E-09	1.28E-09	6.22E-09
24	2.23E-09	2.29E-09	6.34E-09	6.89E+01	2.06E+00	3.48E-02	4.43E-02	7.49E-01	1.83E-09	1.89E-09	6.41E-09
25	2.12E-09	2.56E-09	7.05E-09	6.77E+01	2.07E+00	3.35E-02	4.32E-02	7.49E-01	1.85E-09	1.77E-09	7.13E-09
26	1.81E-09	2.05E-09	7.92E-09	6.70E+01	2.09E+00	3.31E-02	4.30E-02	7.50E-01	2.69E-09	2.03E-09	8.17E-09
27	1.41E-09	1.80E-09	7.06E-09	6.70E+01	2.08E+00	3.33E-02	4.30E-02	7.49E-01	2.00E-09	1.37E-09	7.84E-09
28	1.20E-09	2.33E-09	8.02E-09	6.67E+01	2.11E+00	3.29E-02	4.30E-02	7.50E-01	2.83E-09	1.82E-09	8.08E-09
29	1.71E-09	2.45E-09	8.08E-09	6.67E+01	2.11E+00	3.32E-02	4.34E-02	7.50E-01	2.09E-09	1.90E-09	8.38E-09
30	2.18E-09	2.50E-09	7.79E-09	6.67E+01	2.12E+00	3.27E-02	4.31E-02	7.50E-01	1.72E-09	1.31E-09	8.73E-09
31	2.01E-09	2.77E-09	7.92E-09	6.66E+01	2.11E+00	3.29E-02	4.31E-02	7.50E-01	1.76E-09	1.71E-09	8.70E-09

32	1.95E-09	2.46E-09	7.86E-09	6.66E+01	2.12E+00	3.29E-02	4.33E-02	7.50E-01	2.28E-09	1.59E-09	8.28E-09
33	1.05E-09	1.81E-09	7.72E-09	6.68E+01	2.13E+00	3.29E-02	4.34E-02	7.50E-01	1.71E-09	1.44E-09	8.64E-09
34	2.23E-09	2.55E-09	8.01E-09	6.66E+01	2.12E+00	3.26E-02	4.30E-02	7.50E-01	2.63E-09	2.24E-09	8.12E-09
35	1.82E-09	1.73E-09	8.30E-09	6.66E+01	2.12E+00	3.28E-02	4.31E-02	7.50E-01	3.02E-09	2.02E-09	8.08E-09
36	1.31E-09	1.64E-09	8.26E-09	6.69E+01	2.13E+00	3.28E-02	4.34E-02	7.50E-01	2.34E-09	1.42E-09	8.86E-09
37	1.91E-09	2.59E-09	8.10E-09	6.67E+01	2.10E+00	3.31E-02	4.32E-02	7.49E-01	2.81E-09	2.16E-09	8.25E-09
38	1.13E-09	1.47E-09	7.95E-09	6.68E+01	2.09E+00	3.29E-02	4.28E-02	7.49E-01	3.00E-09	2.02E-09	7.99E-09
39	1.44E-09	2.21E-09	7.71E-09	6.67E+01	2.13E+00	3.28E-02	4.33E-02	7.50E-01	1.96E-09	1.67E-09	8.06E-09
40	1.61E-09	2.36E-09	7.73E-09	6.66E+01	2.11E+00	3.29E-02	4.32E-02	7.50E-01	2.37E-09	1.70E-09	7.85E-09
41	1.34E-09	1.99E-09	7.93E-09	6.67E+01	2.11E+00	3.34E-02	4.36E-02	7.50E-01	1.73E-09	1.42E-09	8.22E-09
42	2.12E-09	2.52E-09	8.01E-09	6.66E+01	2.10E+00	3.32E-02	4.33E-02	7.50E-01	2.71E-09	2.35E-09	7.99E-09
43	1.33E-09	1.66E-09	8.04E-09	6.66E+01	2.10E+00	3.31E-02	4.32E-02	7.50E-01	2.81E-09	2.33E-09	8.28E-09
44	1.74E-09	2.31E-09	7.80E-09	6.67E+01	2.09E+00	3.29E-02	4.30E-02	7.49E-01	1.81E-09	1.16E-09	8.14E-09
45	1.01E-09	1.78E-09	8.17E-09	6.67E+01	2.09E+00	3.30E-02	4.31E-02	7.50E-01	2.94E-09	2.35E-09	8.60E-09
46	1.02E-09	1.48E-09	8.19E-09	6.72E+01	2.07E+00	3.32E-02	4.31E-02	7.49E-01	3.05E-09	2.06E-09	7.94E-09
47	1.95E-09	2.32E-09	7.54E-09	6.74E+01	2.07E+00	3.35E-02	4.34E-02	7.49E-01	2.27E-09	2.54E-09	7.95E-09
48	1.22E-09	1.73E-09	6.35E-09	7.04E+01	2.05E+00	3.57E-02	4.54E-02	7.49E-01	2.11E-09	1.39E-09	7.03E-09
49	1.99E-09	2.71E-09	6.59E-09	7.03E+01	2.05E+00	3.57E-02	4.55E-02	7.49E-01	2.14E-09	1.22E-09	7.36E-09
50	2.16E-09	3.05E-09	8.44E-09	6.67E+01	2.09E+00	3.30E-02	4.32E-02	7.49E-01	3.11E-09	2.25E-09	8.72E-09
51	1.19E-09	1.89E-09	7.39E-09	6.73E+01	2.07E+00	3.35E-02	4.34E-02	7.49E-01	2.26E-09	1.25E-09	8.44E-09
52	1.22E-09	1.65E-09	7.94E-09	6.66E+01	2.10E+00	3.33E-02	4.35E-02	7.50E-01	2.27E-09	1.33E-09	8.44E-09
53	1.14E-09	1.84E-09	7.74E-09	6.66E+01	2.10E+00	3.33E-02	4.34E-02	7.50E-01	1.95E-09	1.48E-09	7.92E-09
54	1.18E-09	1.60E-09	8.08E-09	6.72E+01	2.07E+00	3.33E-02	4.33E-02	7.49E-01	1.94E-09	1.21E-09	8.85E-09
55	1.19E-09	1.83E-09	8.24E-09	6.66E+01	2.09E+00	3.31E-02	4.32E-02	7.49E-01	2.38E-09	1.44E-09	8.58E-09
56	1.71E-09	2.30E-09	8.34E-09	6.67E+01	2.11E+00	3.32E-02	4.34E-02	7.50E-01	2.44E-09	1.88E-09	8.55E-09
57	1.74E-09	2.49E-09	6.96E-09	6.78E+01	2.04E+00	3.36E-02	4.30E-02	7.48E-01	2.29E-09	1.88E-09	7.41E-09
58	1.01E-09	1.73E-09	7.24E-09	6.71E+01	2.06E+00	3.30E-02	4.25E-02	7.48E-01	2.55E-09	1.31E-09	7.70E-09
59	1.99E-09	2.75E-09	7.18E-09	6.70E+01	2.07E+00	3.30E-02	4.27E-02	7.48E-01	1.84E-09	1.36E-09	7.61E-09
60	9.47E-10	1.47E-09	7.47E-09	6.68E+01	2.08E+00	3.28E-02	4.27E-02	7.49E-01	2.28E-09	1.20E-09	7.85E-09
61	1.22E-09	1.62E-09	7.33E-09	6.72E+01	2.06E+00	3.32E-02	4.29E-02	7.49E-01	2.06E-09	1.24E-09	8.23E-09
62	1.97E-09	1.90E-09	8.20E-09	6.70E+01	2.09E+00	3.30E-02	4.30E-02	7.49E-01	2.96E-09	1.92E-09	8.29E-09
63	1.19E-09	1.40E-09	8.10E-09	6.71E+01	2.08E+00	3.36E-02	4.34E-02	7.49E-01	2.79E-09	2.29E-09	8.27E-09
64	1.03E-09	1.51E-09	7.04E-09	6.89E+01	2.04E+00	3.44E-02	4.40E-02	7.48E-01	1.88E-09	1.22E-09	7.60E-09

65	9.46E-10	1.95E-09	7.25E-09	6.87E+01	2.04E+00	3.44E-02	4.39E-02	7.48E-01	2.54E-09	1.60E-09	7.60E-09
66	1.58E-09	2.78E-09	7.14E-09	6.84E+01	2.04E+00	3.42E-02	4.38E-02	7.48E-01	1.66E-09	1.18E-09	8.08E-09
67	1.80E-09	2.53E-09	7.68E-09	6.72E+01	2.07E+00	3.33E-02	4.31E-02	7.48E-01	2.15E-09	1.86E-09	7.92E-09
68	9.91E-10	1.36E-09	7.95E-09	6.71E+01	2.07E+00	3.32E-02	4.30E-02	7.48E-01	2.95E-09	1.76E-09	8.51E-09
69	1.23E-09	1.34E-09	8.01E-09	6.68E+01	2.09E+00	3.30E-02	4.29E-02	7.49E-01	2.86E-09	2.26E-09	8.51E-09
70	2.22E-09	2.37E-09	7.67E-09	6.68E+01	2.09E+00	3.31E-02	4.30E-02	7.49E-01	2.32E-09	1.89E-09	7.98E-09
71	1.44E-09	2.32E-09	7.55E-09	6.77E+01	2.08E+00	3.41E-02	4.40E-02	7.48E-01	1.75E-09	1.29E-09	8.50E-09
72	1.76E-09	2.65E-09	7.09E-09	6.78E+01	2.09E+00	3.40E-02	4.39E-02	7.49E-01	2.79E-09	1.89E-09	7.40E-09
73	1.02E-09	1.75E-09	7.65E-09	7.05E+01	2.09E+00	3.61E-02	4.62E-02	7.49E-01	2.87E-09	1.94E-09	7.90E-09
74	2.14E-09	2.07E-09	6.95E-09	7.02E+01	2.09E+00	3.58E-02	4.59E-02	7.49E-01	2.09E-09	1.07E-09	8.18E-09
75	2.05E-09	2.77E-09	7.68E-09	6.77E+01	2.09E+00	3.38E-02	4.39E-02	7.49E-01	2.95E-09	2.06E-09	7.94E-09
76	1.40E-09	2.04E-09	8.34E-09	6.67E+01	2.10E+00	3.30E-02	4.32E-02	7.49E-01	1.51E-09	1.72E-09	8.52E-09
77	8.10E-10	1.75E-09	7.94E-09	6.67E+01	2.09E+00	3.32E-02	4.33E-02	7.49E-01	2.42E-09	1.25E-09	8.58E-09
78	2.23E-09	2.59E-09	7.66E-09	6.75E+01	2.09E+00	3.39E-02	4.38E-02	7.49E-01	3.00E-09	2.14E-09	7.50E-09
79	1.50E-09	1.78E-09	7.82E-09	6.71E+01	2.08E+00	3.37E-02	4.36E-02	7.49E-01	2.65E-09	1.47E-09	8.36E-09
80	2.03E-09	2.66E-09	7.56E-09	6.70E+01	2.08E+00	3.34E-02	4.33E-02	7.48E-01	1.93E-09	1.59E-09	7.81E-09
81	9.18E-10	1.65E-09	7.88E-09	6.70E+01	2.09E+00	3.31E-02	4.33E-02	7.49E-01	1.96E-09	1.13E-09	8.42E-09
82	2.00E-09	2.46E-09	8.07E-09	6.69E+01	2.09E+00	3.31E-02	4.31E-02	7.49E-01	2.80E-09	2.11E-09	8.25E-09

Median	1.54E-09	2.05E-09	7.66E-09	6.71E+01	2.08E+00	3.33E-02	4.32E-02	7.49E-01	2.28E-09	1.68E-09	7.94E-09
Min	8.10E-10	1.34E-09	5.97E-09	6.66E+01	2.02E+00	3.26E-02	4.25E-02	7.48E-01	1.51E-09	1.07E-09	6.22E-09
Max	2.36E-09	3.05E-09	2.44E-08	7.07E+01	2.13E+00	3.61E-02	4.62E-02	7.50E-01	3.64E-09	2.71E-09	1.38E-08
Std Dev	4.61E-10	4.53E-10	1.99E-09	1.09E+00	2.71E-02	8.33E-04	7.17E-04	6.18E-04	4.91E-10	4.26E-10	9.60E-10

N-channel

Serial#	IGSS	IGSS	IDSS	BVDSS	VGSTH	RDSON	RDSON	VFSDS	IGSS	IGSS	IDSS
1	2.16E-09	2.19E-09	1.05E-09	7.09E+01	2.18E+00	1.98E-02	2.28E-02	7.31E-01	1.86E-09	6.46E-10	2.15E-09
2	2.03E-09	2.35E-09	1.13E-09	7.03E+01	2.23E+00	1.98E-02	2.29E-02	7.33E-01	1.28E-09	7.93E-09	1.25E-09
3	1.50E-09	1.95E-09	1.46E-09	7.04E+01	2.23E+00	1.98E-02	2.29E-02	7.33E-01	2.83E-09	2.06E-09	8.53E-10
4	4.80E-11	1.30E-09	2.19E-09	7.05E+01	2.23E+00	1.97E-02	2.28E-02	7.33E-01	2.84E-09	1.90E-09	2.17E-09
5	1.86E-09	2.55E-09	1.17E-09	7.06E+01	2.22E+00	1.98E-02	2.29E-02	7.32E-01	1.74E-09	9.18E-10	1.24E-09
6	1.07E-09	1.25E-09	2.11E-09	7.07E+01	2.22E+00	1.96E-02	2.26E-02	7.32E-01	3.07E-09	2.27E-09	1.11E-09
7	1.98E-09	2.17E-09	1.43E-09	7.16E+01	2.17E+00	2.02E-02	2.33E-02	7.32E-01	2.28E-09	1.55E-09	1.27E-09

8	2.20E-09	2.43E-09	1.22E-09	7.11E+01	2.18E+00	1.98E-02	2.28E-02	7.31E-01	1.92E-09	1.28E-09	1.64E-09
9	1.17E-09	1.36E-09	1.81E-09	7.06E+01	2.19E+00	1.98E-02	2.28E-02	7.31E-01	2.18E-09	1.08E-09	2.08E-09
10	1.01E-09	1.57E-09	8.90E-10	7.04E+01	2.22E+00	2.00E-02	2.30E-02	7.32E-01	1.96E-09	9.22E-10	1.86E-09
11	1.34E-09	1.89E-09	1.33E-09	7.05E+01	2.19E+00	1.98E-02	2.28E-02	7.31E-01	1.84E-09	8.38E-10	1.50E-09
12	1.84E-09	2.50E-09	1.13E-09	7.04E+01	2.21E+00	2.00E-02	2.30E-02	7.32E-01	1.71E-09	8.01E-10	2.11E-09
13	1.16E-09	1.50E-09	1.74E-09	7.08E+01	2.22E+00	1.99E-02	2.29E-02	7.33E-01	2.27E-09	1.15E-09	1.88E-09
14	2.11E-09	2.55E-09	2.05E-09	7.15E+01	2.23E+00	2.01E-02	2.32E-02	7.33E-01	3.06E-09	2.16E-09	1.09E-09
15	1.29E-09	1.48E-09	2.08E-09	7.04E+01	2.21E+00	1.99E-02	2.30E-02	7.32E-01	2.93E-09	2.25E-09	1.13E-09
16	2.03E-09	2.52E-09	1.14E-09	7.04E+01	2.20E+00	2.02E-02	2.32E-02	7.32E-01	1.84E-09	1.04E-09	1.89E-09
17	1.07E-09	1.52E-09	2.21E-09	7.04E+01	2.20E+00	2.02E-02	2.32E-02	7.32E-01	3.15E-09	2.30E-09	1.28E-09
18	7.83E-10	1.30E-09	2.18E-09	7.03E+01	2.21E+00	2.01E-02	2.31E-02	7.32E-01	2.82E-09	2.08E-09	1.60E-09
19	1.70E-09	2.62E-09	1.66E-09	7.03E+01	2.21E+00	2.02E-02	2.32E-02	7.32E-01	2.61E-09	1.83E-09	1.42E-09
20	1.55E-09	2.53E-09	1.43E-09	7.05E+01	2.22E+00	2.01E-02	2.31E-02	7.32E-01	2.46E-09	1.69E-09	1.32E-09
21	1.98E-09	2.67E-09	2.00E-09	7.04E+01	2.22E+00	2.02E-02	2.32E-02	7.32E-01	3.21E-09	2.16E-09	9.76E-10
22	1.93E-09	2.61E-09	1.32E-09	7.06E+01	2.23E+00	1.99E-02	2.30E-02	7.32E-01	1.80E-09	9.25E-10	2.20E-09
23	1.61E-09	2.53E-09	1.26E-09	7.06E+01	2.23E+00	1.99E-02	2.29E-02	7.32E-01	1.86E-09	8.15E-10	1.39E-09
24	1.91E-09	2.60E-09	1.39E-09	7.09E+01	2.22E+00	1.99E-02	2.29E-02	7.32E-01	2.17E-09	1.61E-09	1.59E-09
25	1.98E-09	2.42E-09	1.33E-09	7.15E+01	2.23E+00	2.01E-02	2.32E-02	7.32E-01	2.15E-09	1.52E-09	1.56E-09
26	1.58E-09	1.85E-09	1.97E-09	7.03E+01	2.20E+00	2.00E-02	2.30E-02	7.32E-01	2.79E-09	2.22E-09	1.10E-09
27	1.16E-09	1.71E-09	1.28E-09	7.05E+01	2.19E+00	1.98E-02	2.29E-02	7.31E-01	2.09E-09	1.13E-09	1.82E-09
28	9.62E-10	1.16E-09	1.92E-09	7.16E+01	2.17E+00	2.01E-02	2.32E-02	7.31E-01	2.63E-09	1.36E-09	1.82E-09
29	1.95E-09	2.51E-09	2.21E-09	7.14E+01	2.22E+00	2.02E-02	2.33E-02	7.32E-01	3.30E-09	2.08E-09	1.22E-09
30	1.04E-09	1.31E-09	1.06E-09	7.15E+01	2.19E+00	2.00E-02	2.31E-02	7.32E-01	1.99E-09	8.19E-10	1.14E-09
31	1.33E-09	1.80E-09	1.40E-09	6.99E+01	2.14E+00	2.01E-02	2.35E-02	7.33E-01	2.17E-09	1.06E-09	1.79E-09
32	1.55E-09	1.90E-09	1.31E-09	7.07E+01	2.15E+00	2.02E-02	2.37E-02	7.33E-01	1.83E-09	7.33E-10	2.30E-09
33	1.04E-09	1.45E-09	1.79E-09	7.13E+01	2.20E+00	2.00E-02	2.32E-02	7.32E-01	2.37E-09	1.09E-09	1.90E-09
34	1.98E-09	2.70E-09	1.79E-09	7.14E+01	2.24E+00	2.00E-02	2.31E-02	7.32E-01	2.98E-09	1.96E-09	1.08E-09
35	2.28E-09	2.50E-09	1.04E-09	7.14E+01	2.23E+00	2.00E-02	2.30E-02	7.32E-01	1.90E-09	1.15E-09	1.72E-09
36	1.32E-09	1.92E-09	1.58E-09	7.11E+01	2.23E+00	1.99E-02	2.30E-02	7.32E-01	2.23E-09	1.09E-09	2.22E-09
37	1.98E-09	2.66E-09	1.14E-09	7.13E+01	2.24E+00	1.99E-02	2.30E-02	7.32E-01	1.79E-09	9.60E-10	1.93E-09
38	1.65E-09	1.84E-09	2.45E-09	6.98E+01	2.20E+00	1.99E-02	2.31E-02	7.33E-01	2.80E-09	1.92E-09	1.79E-09
39	1.91E-09	2.60E-09	1.06E-09	7.15E+01	2.19E+00	2.00E-02	2.32E-02	7.32E-01	1.97E-09	1.17E-09	1.75E-09
40	1.85E-09	2.35E-09	2.12E-09	7.10E+01	2.16E+00	2.03E-02	2.36E-02	7.32E-01	3.30E-09	1.90E-09	2.12E-09

41	1.73E-09	2.74E-09	1.37E-09	6.94E+01	2.13E+00	2.00E-02	2.35E-02	7.32E-01	1.92E-09	1.02E-09	2.23E-09
42	1.43E-09	1.85E-09	1.99E-09	7.15E+01	2.20E+00	2.01E-02	2.34E-02	7.32E-01	2.95E-09	1.71E-09	1.61E-09
43	7.02E-10	1.35E-09	2.08E-09	7.15E+01	2.20E+00	2.01E-02	2.33E-02	7.32E-01	3.22E-09	2.11E-09	1.13E-09
44	1.44E-09	2.30E-09	1.10E-09	7.07E+01	2.20E+00	2.00E-02	2.31E-02	7.32E-01	1.90E-09	5.61E-10	2.06E-09
45	8.16E-10	1.23E-09	1.95E-09	7.09E+01	2.21E+00	1.99E-02	2.30E-02	7.32E-01	3.03E-09	1.84E-09	1.42E-09
46	1.81E-09	2.25E-09	2.09E-09	7.07E+01	2.21E+00	1.98E-02	2.29E-02	7.32E-01	3.20E-09	1.74E-09	1.34E-09
47	1.86E-09	2.29E-09	1.47E-09	7.08E+01	2.21E+00	1.97E-02	2.28E-02	7.32E-01	2.43E-09	1.67E-09	1.28E-09
48	1.64E-09	2.77E-09	8.41E-10	7.08E+01	2.22E+00	1.99E-02	2.30E-02	7.32E-01	2.04E-09	6.54E-10	1.48E-09
49	1.75E-09	2.28E-09	1.57E-09	7.07E+01	2.22E+00	1.99E-02	2.30E-02	7.32E-01	2.14E-09	7.88E-10	1.44E-09
50	1.08E-09	1.77E-09	2.14E-09	7.15E+01	2.23E+00	2.01E-02	2.32E-02	7.32E-01	3.17E-09	2.19E-09	1.10E-09
51	1.17E-09	1.93E-09	1.48E-09	7.11E+01	2.24E+00	1.99E-02	2.29E-02	7.32E-01	2.14E-09	9.45E-10	2.17E-09
52	1.11E-09	1.93E-09	1.14E-09	7.08E+01	2.21E+00	2.02E-02	2.34E-02	7.33E-01	2.24E-09	1.20E-09	1.64E-09
53	1.76E-09	2.68E-09	2.22E-09	6.99E+01	2.20E+00	2.01E-02	2.34E-02	7.33E-01	3.31E-09	2.02E-09	1.10E-09
54	7.67E-10	1.31E-09	2.22E-09	7.11E+01	2.23E+00	2.00E-02	2.30E-02	7.31E-01	3.15E-09	1.99E-09	1.42E-09
55	1.08E-09	2.08E-09	1.36E-09	7.15E+01	2.23E+00	2.02E-02	2.34E-02	7.32E-01	2.13E-09	8.24E-10	2.09E-09
56	1.50E-09	2.37E-09	1.51E-09	7.13E+01	2.22E+00	2.02E-02	2.33E-02	7.32E-01	2.58E-09	1.75E-09	1.19E-09
57	1.66E-09	2.51E-09	1.24E-09	7.04E+01	2.23E+00	2.00E-02	2.31E-02	7.32E-01	1.75E-09	8.05E-10	2.17E-09
58	1.03E-09	2.04E-09	1.41E-09	7.04E+01	2.21E+00	2.01E-02	2.31E-02	7.31E-01	2.18E-09	9.78E-10	2.08E-09
59	1.82E-09	2.88E-09	1.03E-09	7.05E+01	2.21E+00	2.01E-02	2.31E-02	7.31E-01	1.99E-09	1.01E-09	1.00E-09
60	1.17E-09	1.91E-09	3.21E-09	6.74E+01	2.18E+00	1.95E-02	2.28E-02	7.32E-01	1.99E-09	9.12E-10	3.35E-09
61	6.61E-10	1.16E-09	2.29E-09	7.17E+01	2.23E+00	2.00E-02	2.31E-02	7.32E-01	3.01E-09	1.96E-09	1.31E-09
62	1.36E-09	1.86E-09	2.04E-09	7.04E+01	2.20E+00	2.00E-02	2.31E-02	7.31E-01	2.93E-09	2.21E-09	1.15E-09
63	6.32E-10	1.37E-09	2.24E-09	7.03E+01	2.19E+00	1.99E-02	2.29E-02	7.30E-01	3.02E-09	2.06E-09	1.41E-09
64	1.42E-09	2.35E-09	1.30E-09	7.11E+01	2.23E+00	1.97E-02	2.27E-02	7.30E-01	1.92E-09	7.52E-10	2.27E-09
65	7.79E-10	1.60E-09	1.96E-09	7.08E+01	2.23E+00	1.98E-02	2.29E-02	7.31E-01	2.50E-09	1.43E-09	2.04E-09
66	7.95E-10	1.30E-09	1.92E-09	7.08E+01	2.23E+00	1.99E-02	2.29E-02	7.31E-01	2.77E-09	1.68E-09	2.17E-09
67	1.66E-09	2.51E-09	2.07E-09	7.05E+01	2.22E+00	2.00E-02	2.30E-02	7.31E-01	3.35E-09	1.96E-09	1.05E-09
68	3.93E-10	8.17E-10	6.37E-10	7.06E+01	2.21E+00	1.99E-02	2.29E-02	7.31E-01	2.75E-09	1.18E-09	5.26E-10
69	6.77E-10	1.32E-09	2.19E-09	7.04E+01	2.22E+00	1.99E-02	2.30E-02	7.31E-01	3.08E-09	2.14E-09	1.30E-09
70	1.67E-09	2.28E-09	1.59E-09	7.04E+01	2.22E+00	2.00E-02	2.31E-02	7.31E-01	2.48E-09	1.84E-09	1.34E-09
71	7.55E-10	1.02E-09	2.07E-09	7.08E+01	2.18E+00	1.99E-02	2.29E-02	7.29E-01	2.88E-09	1.88E-09	2.21E-09
72	1.81E-09	2.41E-09	9.54E-10	7.08E+01	2.18E+00	1.97E-02	2.28E-02	7.29E-01	1.77E-09	6.80E-10	1.17E-09
73	5.89E-10	1.27E-09	2.19E-09	7.11E+01	2.17E+00	2.01E-02	2.32E-02	7.29E-01	2.89E-09	1.73E-09	2.23E-09

74	8.78E-10	9.88E-10	1.98E-09	7.17E+01	2.17E+00	2.02E-02	2.33E-02	7.30E-01	2.95E-09	1.83E-09	1.41E-09
75	1.06E-09	1.74E-09	2.15E-09	6.70E+01	2.08E+00	1.96E-02	2.29E-02	7.30E-01	2.90E-09	1.41E-09	1.92E-09
76	1.86E-09	2.62E-09	2.18E-09	7.04E+01	2.22E+00	2.00E-02	2.31E-02	7.31E-01	3.38E-09	2.10E-09	1.18E-09
77	9.91E-10	2.06E-09	1.35E-09	7.04E+01	2.22E+00	2.00E-02	2.30E-02	7.31E-01	1.97E-09	8.59E-10	1.66E-09
78	1.85E-09	2.49E-09	1.55E-09	6.56E+01	2.08E+00	1.94E-02	2.28E-02	7.31E-01	1.89E-09	1.09E-09	1.97E-09
79	8.36E-10	1.47E-09	1.83E-09	7.16E+01	2.18E+00	2.01E-02	2.33E-02	7.30E-01	2.36E-09	1.22E-09	1.92E-09
80	1.83E-09	2.55E-09	1.29E-09	7.15E+01	2.18E+00	2.02E-02	2.33E-02	7.30E-01	1.97E-09	1.20E-09	1.71E-09
81	1.56E-09	2.49E-09	1.71E-09	7.09E+01	2.17E+00	1.98E-02	2.28E-02	7.29E-01	2.82E-09	1.62E-09	1.19E-09
82	7.75E-10	1.44E-09	2.10E-09	7.09E+01	2.17E+00	1.98E-02	2.29E-02	7.30E-01	3.08E-09	2.19E-09	1.18E-09
Median	1.47E-09	2.05E-09	1.58E-09	7.07E+01	2.21E+00	2.00E-02	2.30E-02	7.32E-01	2.40E-09	1.47E-09	1.58E-09
Min	4.80E-11	8.17E-10	6.37E-10	6.56E+01	2.08E+00	1.94E-02	2.26E-02	7.29E-01	1.28E-09	5.61E-10	5.26E-10
Max	2.28E-09	2.88E-09	3.21E-09	7.17E+01	2.24E+00	2.03E-02	2.37E-02	7.33E-01	3.38E-09	7.93E-09	3.35E-09
Std Dev	4.93E-10	5.39E-10	4.74E-10	9.38E-01	3.09E-02	1.74E-04	2.10E-04	9.44E-04	5.33E-10	8.85E-10	4.65E-10