



Sirectifier Global Corp.
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Testing Data Report

2007/3/20 PM 03:24:06	
LotNo: SBL4045PT-AC0627	
Samples	50
Part No	SBL4045PT
Customer	SIRECT

device	SCHOTTKY	Package	TO-247AD	Tester	1	MPT6000T	Operator	0152	DateCode		
Source				Bin							
IF(A)	:20			VFM(mV)	:50	TRR_L(nS)	:0	TRR_L(nS)	:0	TRR_L(nS)	:0
SI(mA)	:	SI_T(mS)	:			TRR_H(nS)	:0	TRR_H(nS)	:0	TRR_H(nS)	:0
I1(mA)	:0.5	I1_T(mS)	:20	DVR1(V)	:	VF_L(mV)	:400	VF_L(mV)	:0	VF_L(mV)	:0
I2(mA)	:	I2_T(mS)	:	DVR2(V)	:	VF_H(mV)	:595	VF_H(mV)	:0	VF_H(mV)	:0
I3(mA)	:	I3_T(mS)	:			VB_L(V)	:46	VB_L(V)	:0	VB_L(V)	:0
IR(uA)	:500	IR_T(mS)	:			VB_H(V)	:120	VB_H(V)	:0	VB_H(V)	:0
						VR(V)	:45	VR(V)	:0	VR(V)	:0

Rcrrd#	Bin	VF N(mV)	VF R(mV)	VB N(V)	VB R(V)	IR N(uA)	IR R(uA)	Rcrrd#	Bin	VF N(mV)	VF R(mV)	VB N(V)	VB R(V)	IR N(uA)	IR R(uA)
1	1	524.20	522.40	54.940	54.900	126.60	122.60	2	1	522.00	523.00	54.860	54.870	123.20	122.90
3	1	525.80	528.50	56.400	57.000	59.800	57.100	4	1	522.00	522.60	53.580	56.960	162.60	112.30
5	1	517.90	518.20	55.120	55.030	119.60	118.40	6	1	525.60	526.20	54.580	54.520	118.40	115.30
7	1	523.50	523.90	55.180	55.140	132.40	132.40	8	1	520.40	520.90	56.830	56.820	116.30	114.40
9	1	519.30	520.60	52.290	55.290	252.70	116.30	10	1	522.90	524.10	54.940	54.960	111.00	111.40
11	1	525.50	526.70	56.650	56.630	117.20	111.40	12	1	516.00	517.00	55.090	55.050	118.40	117.50
13	1	518.20	518.60	55.120	56.070	120.90	116.90	14	1	522.10	524.90	54.860	54.900	130.60	126.90
15	1	516.40	517.60	56.650	56.730	107.70	107.70	16	1	520.40	520.90	56.760	56.770	106.20	106.80
17	1	515.60	517.60	55.350	55.380	116.60	115.70	18	1	518.60	519.30	56.890	56.930	110.70	110.40
19	1	519.00	521.60	54.780	54.780	137.60	134.60	20	1	520.90	521.00	56.910	56.880	109.20	108.90
21	1	525.80	524.20	54.380	54.990	113.80	112.60	22	1	520.10	521.50	57.220	57.220	106.50	106.20
23	1	521.20	522.40	55.350	49.470	128.20	263.00	24	1	531.60	532.40	55.860	55.890	49.400	48.800
25	1	531.20	532.80	56.200	56.210	50.000	55.500	26	1	525.80	526.10	56.740	56.760	110.10	108.30
27	1	524.20	524.10	55.260	55.280	111.40	111.40	28	1	523.50	524.10	55.280	48.970	115.70	372.90
29	1	523.20	523.90	55.430	55.320	121.50	119.60	30	1	519.60	521.00	56.670	56.710	104.70	106.20
31	1	520.10	520.70	56.570	56.620	105.90	107.70	32	1	516.50	517.90	55.980	55.370	150.20	156.50
33	1	519.30	516.40	56.290	54.500	141.60	143.40	34	1	515.40	515.30	56.560	56.730	108.60	109.80
35	1	517.40	518.60	56.850	56.890	115.70	112.30	36	1	515.30	515.90	56.700	54.870	128.80	199.20
37	1	520.30	522.10	53.190	56.000	116.60	149.50	38	1	513.90	514.50	56.310	56.230	130.30	128.80
39	1	527.60	527.80	55.950	55.520	147.40	150.20	40	1	526.70	527.50	55.420	53.400	155.90	178.50
41	1	519.50	519.50	56.620	56.680	117.50	152.80	42	1	512.20	513.30	55.660	55.770	138.80	136.70
43	1	517.90	517.60	55.580	55.600	157.70	156.80	44	1	523.90	523.60	56.150	56.200	118.40	114.70
45	1	521.20	521.60	56.070	56.040	113.50	113.50	46	1	522.70	522.10	55.980	56.010	113.50	113.50
47	1	515.30	517.70	55.280	55.660	157.40	152.80	48	1	520.00	522.10	51.220	54.720	267.00	184.00
49	1	515.10	516.70	56.600	56.530	128.80	134.00	50	1	518.50	518.20	56.790	56.790	108.30	108.30

Min	512.20	513.30	51.220	48.970	49.400	48.800
Max	531.60	532.80	57.220	57.220	267.00	372.90
Avg	520.83	521.54	55.639	55.571	124.62	129.75
Std	4.2424	4.2405	1.2047	1.5730	35.836	48.833

Approved By		Reviewed By		Created By	
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