



Sirectifier Global Corp.
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Testing Data Report

2007/5/29 AM 09:52:39	
LotNo: SBL20L45CT AI0712	
Samples	50
Part No	SBL2045CT
Customer	SIRECT

device	SCHOTTKY	Package	TO-220	Tester	1	MPT6000T	Operator	0093	DateCode	
Source				Bin						
IF(A)	:10			VFM(mV)	:50		TRR_L(nS):0	TRR_L(nS):0	TRR_L(nS):0	
SI(mA)	:0	SI_T(mS):0					TRR_H(nS):0	TRR_H(nS):0	TRR_H(nS):0	
I1(mA)	:0.5	I1_T(mS):20	DVR1(V):0				VF_L(mV):155	VF_L(mV):0	VF_L(mV):0	
I2(mA)	:0	I2_T(mS):0	DVR2(V):0				VF_H(mV):595	VF_H(mV):0	VF_H(mV):0	
I3(mA)	:0	I3_T(mS):0					VB_L(V):46	VB_L(V):0	VB_L(V):0	
IR(uA)	:500	IR_T(mS):0					VB_H(V):120	VB_H(V):0	VB_H(V):0	
							VR(V):45	VR(V):0	VR(V):0	

Rcrd#	Bin	VF N(mV)	VF R(mV)	VB N(V)	VB R(V)	IR N(uA)	IR R(uA)	Rcrd#	Bin	VF N(mV)	VF R(mV)	VB N(V)	VB R(V)	IR N(uA)	IR R(uA)
1	1	475.40	469.70	57.510	56.450	137.90	147.40	2	1	458.60	461.40	56.710	56.530	146.20	147.10
3	1	465.10	465.40	53.920	55.880	179.40	157.40	4	1	464.60	472.10	53.220	57.620	201.70	138.20
5	1	453.90	461.80	53.340	52.980	173.60	202.30	6	1	462.30	463.70	55.450	54.130	170.20	193.50
7	1	452.70	462.00	53.400	55.860	195.30	147.10	8	1	458.00	470.90	55.720	59.110	158.40	119.00
9	1	465.40	468.40	57.970	53.800	133.70	191.90	10	1	459.80	463.10	54.010	53.040	191.60	221.20
11	1	461.70	461.10	51.960	53.900	234.60	194.70	12	1	463.80	462.60	52.350	52.580	238.30	215.70
13	1	459.40	459.40	54.700	53.490	175.80	198.10	14	1	464.60	464.70	52.180	54.360	223.40	188.00
15	1	463.40	462.90	55.230	54.640	145.60	155.30	16	1	465.40	467.70	53.800	54.130	169.90	177.90
17	1	469.80	467.80	54.920	54.900	181.90	179.70	18	1	469.00	467.40	55.030	56.030	169.00	161.40
19	1	468.40	466.30	55.280	53.950	172.70	185.20	20	1	466.40	463.20	55.050	54.660	177.00	165.40
21	1	463.80	470.60	51.770	57.340	225.80	140.30	22	1	472.40	467.00	53.770	57.190	214.80	144.00
23	1	463.50	463.50	55.080	55.570	150.50	149.50	24	1	465.40	468.90	55.480	56.770	162.30	148.30
25	1	473.40	467.80	55.750	56.170	162.00	159.30	26	1	460.40	469.70	55.860	57.850	161.70	135.20
27	1	467.80	466.00	57.450	53.390	137.60	251.10	28	1	468.10	469.00	53.970	56.450	192.60	148.60
29	1	466.00	473.00	52.390	56.470	216.60	145.30	30	1	466.60	467.40	55.770	54.300	161.70	178.80
31	1	471.50	467.80	57.160	52.040	142.50	242.00	32	1	465.70	464.10	56.350	55.750	153.10	155.00
33	1	466.10	456.60	55.400	54.460	161.70	186.40	34	1	456.60	459.50	54.520	55.720	160.50	167.60
35	1	465.20	460.80	55.980	53.490	154.40	190.10	36	1	474.50	466.30	55.690	56.470	142.80	153.10
37	1	460.80	469.20	52.640	52.270	202.60	214.80	38	1	465.50	457.50	56.800	55.540	148.30	157.10
39	1	458.30	461.80	55.220	55.520	168.10	167.30	40	1	458.80	457.60	55.860	54.750	158.00	172.40
41	1	459.70	459.80	55.200	55.510	157.70	139.70	42	1	453.00	463.10	53.180	55.150	202.90	151.40
43	1	456.90	465.10	55.220	56.570	169.90	143.70	44	1	458.60	456.90	55.180	53.780	175.10	191.00
45	1	467.70	465.10	54.670	56.150	161.40	144.90	46	1	469.00	458.60	58.080	53.550	131.20	191.90
47	1	455.00	457.30	53.340	53.390	208.40	206.90	48	1	464.90	465.70	58.640	56.380	126.60	151.70
49	1	463.40	463.10	55.490	55.400	151.70	144.30	50	1	466.30	469.30	54.630	55.250	177.30	166.60

Min	452.70	456.60	51.770	52.040	126.60	119.00
Max	475.40	473.00	58.640	59.110	238.30	251.10
Avg	463.85	464.59	54.966	55.134	172.32	170.50
Std	5.3910	4.2552	1.6320	1.5483	27.648	28.735

Approved By		Reviewed By		Created By	
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