



Sirectifier Global Corp.
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Testing Data Report

2007/10/9 AM 11:57:06	
LotNo: SBL30L45CT	
Samples	50
Part No	SBL30L45CT
Customer	SIRECT

device	SCHOTTKY	Package	TO-220AB	Tester	1	MPT6000T	Operator	0093	DateCode	
Source							Bin			
IF(A)	:15			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):495	VF_L(mV):0	VF_L(mV):0	
I2(mA)	:0	I2_T(mS):0	DVR2(V):0				VF_H(mV):520	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	504.10	499.30	48.840	48.550	314.30	334.20	2	1	500.30	500.50	52.730	52.810	209.00	209.00
3	1	501.10	496.80	52.090	52.840	227.10	211.20	4	1	501.20	498.90	52.320	51.850	213.60	223.10
5	1	500.90	502.30	51.820	52.070	230.70	218.80	6	1	502.20	497.90	52.060	52.780	225.20	210.00
7	1	495.70	496.90	51.620	50.990	231.30	243.20	8	1	503.50	500.30	52.950	52.670	206.30	213.30
9	1	500.30	498.60	53.210	51.860	204.10	229.10	10	1	501.60	499.70	52.930	53.150	211.20	204.40
11	1	505.90	502.20	53.160	52.880	205.70	209.00	12	1	502.30	501.70	53.120	53.240	206.60	204.40
13	1	497.10	500.00	50.940	48.310	246.20	232.50	14	1	501.10	503.20	48.430	52.390	325.60	207.50
15	1	500.60	500.30	52.590	49.160	215.70	326.50	16	1	501.20	497.30	48.690	51.960	338.70	220.90
17	1	497.40	501.60	48.660	50.580	330.80	253.00	18	1	499.60	502.20	51.950	49.400	221.80	309.70
19	1	498.50	499.30	51.180	50.940	245.90	246.50	20	1	499.70	496.50	51.920	49.500	229.40	301.20
21	1	499.70	501.40	49.800	50.110	282.30	274.60	22	1	496.60	501.40	49.760	50.120	283.80	274.90
23	1	497.30	497.70	49.110	49.530	304.00	291.40	24	1	495.40	500.80	49.850	49.960	284.40	278.90
25	1	498.60	501.60	52.790	53.040	210.30	205.70	26	1	502.20	503.20	52.780	52.930	211.20	209.00
27	1	501.90	501.90	51.980	52.750	218.80	205.10	28	1	506.70	500.20	52.180	52.290	215.40	213.00
29	1	504.70	505.60	52.810	52.760	203.80	202.30	30	1	503.40	495.70	50.790	52.290	254.80	222.80
31	1	505.00	502.20	52.930	52.690	209.00	213.60	32	1	498.50	499.10	52.320	52.690	217.90	213.60
33	1	498.00	498.20	50.250	50.060	273.10	278.00	34	1	496.80	499.60	49.660	49.300	289.00	296.30
35	1	502.90	500.80	49.960	49.280	278.00	298.40	36	1	495.90	500.90	48.450	50.200	329.30	272.80
37	1	499.40	497.30	53.180	48.770	202.30	321.00	38	1	498.20	495.40	50.050	49.110	283.80	311.20
39	1	498.20	497.10	49.630	49.470	288.40	292.60	40	1	496.50	499.60	50.060	50.060	277.70	277.70
41	1	500.00	500.00	49.880	49.020	282.90	311.20	42	1	499.40	499.70	52.360	52.580	213.30	206.30
43	1	505.50	500.50	49.730	50.780	303.70	242.00	44	1	500.90	500.60	52.720	51.930	208.70	231.60
45	1	499.90	496.30	52.350	52.360	218.20	214.50	46	1	503.50	499.70	50.110	52.470	278.90	218.20
47	1	497.40	502.80	51.850	51.450	227.10	234.30	48	1	500.30	498.60	51.250	50.760	237.40	248.10
49	1	500.50	499.40	50.930	50.000	246.50	282.90	50	1	502.00	500.30	52.030	50.520	223.10	246.20

Min	495.40	495.40	48.430	48.310	202.30	202.30
Max	506.70	505.60	53.210	53.240	338.70	334.20
Avg	500.39	499.86	51.255	51.144	247.93	247.91
Std	2.7896	2.1504	1.4894	1.5098	40.951	40.241

Approved By		Reviewed By		Created By	
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