



Sirectifier Global Corp.
 113 Barksdale Professional Center in the
 City of Newark, County of New Castle,
 Delaware, U.S.A.
 e-mail : sgc@sirectsemi.com

Testing Data Report

2007/10/19 AM 09:39:23	
LotNo: MBR10100CT AT0732	
Samples	50
Part No	MBR10100CT
Customer	SIRECT

device	SCHOTTKY	Package	TO-220AB	Tester	1	MPT6000T	Operator	0093	DateCode	
Source				Bin						
IF(A)	:5			VFM(mV)	:50		TRR_L(nS):0	TRR_L(nS):0	TRR_L(nS):0	
SI(mA)	:50	SI_T(mS)	:10				TRR_H(nS):0	TRR_H(nS):0	TRR_H(nS):0	
I1(mA)	:0.01	I1_T(mS)	:10	DVR1(V)	:50		VF_L(mV):700	VF_L(mV):0	VF_L(mV):0	
I2(mA)	:0.3	I2_T(mS)	:10	DVR2(V)	:10		VF_H(mV):845	VF_H(mV):0	VF_H(mV):0	
I3(mA)	:0.01	I3_T(mS)	:10				VB_L(V):101	VB_L(V):0	VB_L(V):0	
IR(uA)	:10	IR_T(mS)	:0				VB_H(V):175	VB_H(V):0	VB_H(V):0	
							VR(V):100	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	772.80	765.30	137.20	126.57	0.9840	0.7790	2	1	765.50	779.50	130.35	138.39	1.3370	0.9460
3	1	776.20	772.10	129.84	130.18	1.5900	1.3400	4	1	778.60	771.30	139.80	126.05	1.1170	1.3790
5	1	772.40	777.40	130.87	139.75	0.9920	1.3570	6	1	776.50	778.30	129.18	137.79	2.9630	0.9440
7	1	766.70	771.30	127.19	130.96	1.0020	0.6620	8	1	773.00	777.90	140.33	137.76	0.7420	0.8710
9	1	771.90	772.40	136.21	140.54	0.9890	0.7080	10	1	782.40	780.60	139.89	140.48	0.9180	0.7950
11	1	765.00	779.30	122.31	138.04	1.5500	1.0860	12	1	771.00	773.70	129.34	130.24	1.3400	1.1920
13	1	776.70	767.90	141.14	126.54	0.9400	0.8010	14	1	780.90	772.20	137.44	138.91	0.9520	0.7230
15	1	777.00	773.30	141.20	140.43	0.6830	0.7670	16	1	772.50	770.80	135.74	123.15	1.8400	2.0340
17	1	770.40	753.40	137.89	114.77	1.4280	2.7130	18	1	777.60	778.90	139.10	139.12	0.8500	0.8940
19	1	776.20	778.10	124.37	136.05	3.0700	1.0270	20	1	777.60	759.40	130.30	123.92	2.6420	1.3930
21	1	763.80	765.80	126.87	129.89	1.7360	1.9940	22	1	770.40	754.70	128.35	117.18	2.6130	2.3330
23	1	778.90	773.60	140.45	136.67	0.8510	1.0740	24	1	756.00	763.50	120.01	130.84	1.8320	1.3990
25	1	776.50	766.40	138.01	124.87	1.4860	1.5850	26	1	768.50	779.70	126.09	139.55	1.4530	0.8450
27	1	776.50	778.10	140.07	137.16	1.3540	1.0280	28	1	773.40	773.10	128.84	134.59	1.4130	1.1440
29	1	765.60	768.70	128.22	123.06	2.4940	0.7330	30	1	759.30	766.10	122.12	127.07	1.8640	1.9410
31	1	773.40	774.20	131.15	124.55	0.8910	1.6260	32	1	772.40	765.00	134.76	121.73	1.1030	2.9280
33	1	769.30	763.90	132.23	120.47	1.3030	3.0370	34	1	762.20	771.00	123.79	140.26	2.0110	0.6870
35	1	768.40	775.60	130.49	140.91	0.8070	0.9150	36	1	774.70	773.60	127.50	142.28	1.7440	0.7760
37	1	759.30	765.30	124.18	132.01	0.9110	0.8390	38	1	765.30	764.70	131.38	130.52	0.9530	0.9110
39	1	766.40	761.70	128.96	126.79	1.0360	0.8990	40	1	768.70	763.90	130.85	130.85	1.3770	0.8900
41	1	751.90	762.60	106.78	129.18	1.1520	0.8470	42	1	770.50	770.70	136.21	130.07	1.3520	1.0670
43	1	769.80	771.60	123.16	126.40	1.9300	1.1630	44	1	777.00	774.50	130.95	134.51	1.7560	0.9500
45	1	767.90	772.70	123.50	135.81	1.6740	1.5840	46	1	759.10	760.00	122.84	126.06	1.0580	0.8650
47	1	773.30	777.90	129.13	137.30	0.9730	1.0500	48	1	765.00	765.20	130.76	129.57	0.7930	0.7360
49	1	775.40	768.80	131.48	132.72	1.1090	0.8900	50	1	763.90	774.70	120.20	129.16	1.7700	1.1470

Min	751.90	753.40	106.78	114.77	0.6830	0.6620
Max	782.40	780.60	141.20	142.28	3.0700	3.0370
Avg	770.47	770.41	130.58	131.63	1.4146	1.2059
Std	6.6340	6.6264	6.9355	6.8258	0.5780	0.5755

Approved By		Reviewed By		Created By	
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