



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

2007/8/1 PM 04:46:50	
LotNo: MBR20200CT AC0703	
Samples	35
Part No	MBR20200CT
Customer	SIRECT

device	SCHOTTKY	Package	TO-220AB	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)	: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):945	VF_H(mV):0	VF_H(mV):0	
I3(mA)	:00.01	I3_T(mS):10					VB_L(V):201	VB_L(V):0	VB_L(V):0	
IR(uA)	:10	IR_T(mS):10					VB_H(V):275	VB_H(V):0	VB_H(V):0	
							VR(V):200	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	805.60	804.60	217.26	214.50	0.0750	0.0760	2	1	805.60	805.50	212.60	208.68	0.1220	0.1100
3	1	805.20	804.90	206.92	204.90	0.1070	0.2470	4	1	805.00	804.00	224.31	215.45	0.0720	0.0750
5	1	804.10	802.70	206.14	211.59	0.0750	0.0790	6	1	806.40	805.30	222.07	235.11	0.0790	0.0720
7	1	807.20	805.00	226.22	212.18	0.1100	0.1330	8	1	802.70	801.70	229.98	212.32	0.1010	0.8300
9	1	812.50	810.80	220.32	216.43	0.1250	0.2960	10	1	802.60	803.20	229.73	229.61	0.0850	0.0760
11	1	798.30	796.10	220.35	206.88	0.3090	0.0840	12	1	800.60	800.30	223.54	222.66	6.1090	0.1310
13	1	806.30	807.00	220.96	226.39	0.0720	0.0700	14	1	800.10	801.70	206.97	226.53	0.1380	0.2100
15	1	809.20	807.20	234.25	236.40	0.0810	0.0670	16	1	804.90	806.30	230.36	231.21	0.0850	0.0850
17	1	802.70	802.30	209.07	218.19	0.0730	0.0670	18	1	797.80	797.70	204.04	209.31	0.3250	0.4400
19	1	801.80	800.60	203.13	212.35	0.1780	0.1190	20	1	799.50	799.50	206.28	216.23	0.4230	1.8160
21	1	802.70	800.30	235.79	218.05	0.2820	0.3080	22	1	800.30	801.50	207.91	202.13	0.2820	0.2260
23	1	801.30	799.80	228.58	204.33	0.0900	0.8850	24	1	801.30	800.30	204.54	220.67	0.0980	0.0930
25	1	799.80	798.40	201.31	209.00	0.3150	0.1250	26	1	800.10	798.30	202.85	211.22	4.5590	0.1610
27	1	799.20	798.60	206.98	224.30	0.0810	0.0750	28	1	803.60	803.80	237.97	238.32	0.1570	0.1310
29	1	799.80	800.30	213.29	212.38	0.0640	0.0670	30	1	791.80	790.20	207.31	209.35	0.3200	0.3150
31	1	792.40	790.50	204.94	207.31	0.4290	0.3310	32	1	794.90	793.80	214.41	212.78	1.0350	0.8870
33	1	797.80	796.60	216.67	211.73	0.1010	0.1040	34	1	806.10	805.60	207.06	203.58	1.0440	1.1570
35	1	804.10	802.60	203.36	234.20	0.1130	0.0990								

Min	791.80	790.20	201.31	202.13	0.0640	0.0670
Max	812.50	810.80	237.97	238.32	6.1090	1.8160
Avg	802.09	801.34	215.64	216.75	0.5061	0.2871
Std	4.3477	4.4957	11.009	10.081	1.2423	0.3823

Approved By		Reviewed By		Created By	
-------------	--	-------------	--	------------	--