



**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

2007/11/8 PM 02:40:43	
LotNo: MBR10100FCT AT0740	
Samples	50
Part No	MBR10100FCT
Customer	SIRECT

device	SCHOTTKY	Package	ITO-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

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	791.60	791.00	107.46	108.15	0.0330	0.0360	2	1	789.90	789.90	101.77	101.16	0.0360	0.0360
3	1	789.00	789.30	122.89	123.03	0.0790	0.0840	4	1	791.30	796.60	104.56	113.24	0.0210	0.0150
5	1	785.00	788.50	102.02	109.02	0.0350	0.0290	6	1	787.80	788.10	108.65	114.03	0.0270	0.0270
7	1	789.50	792.10	114.04	114.38	0.0290	0.0270	8	1	789.20	789.20	116.94	117.08	0.0260	0.0260
9	1	784.60	784.70	103.24	109.91	0.0350	0.0330	10	1	789.80	790.70	116.52	117.62	0.0260	0.0270
11	1	789.00	789.00	122.70	122.55	0.2130	0.2790	12	1	790.70	790.40	102.02	108.67	0.0360	0.0350
13	1	785.20	785.60	118.08	120.16	1.7620	0.4300	14	1	785.30	785.80	108.24	105.64	0.0290	0.0270
15	1	786.50	788.40	122.23	123.03	0.0930	0.0490	16	1	785.90	785.50	121.93	122.31	0.0320	0.0390
17	1	793.80	795.10	112.79	119.01	0.3780	0.7250	18	1	786.20	786.50	102.99	108.39	0.0470	0.0320
19	1	787.00	785.90	122.73	122.78	0.1140	0.1630	20	1	785.30	784.40	122.18	122.64	0.0610	0.0730
21	1	786.70	788.40	122.70	122.61	0.1860	0.1840	22	1	784.40	785.50	121.98	122.20	0.0320	0.0320
23	1	786.90	788.50	106.83	113.04	0.0300	0.0290	24	1	787.60	789.50	113.67	121.26	0.3040	0.1280
25	1	789.20	790.10	111.56	113.14	0.0300	0.0300	26	1	793.30	793.00	114.68	112.56	0.0270	0.0330
27	1	788.40	788.70	122.67	122.83	0.1920	0.1610	28	1	786.10	787.60	121.47	121.92	0.0640	0.1020
29	1	790.20	788.50	117.50	114.81	0.0240	0.0240	30	1	790.20	791.80	117.94	121.29	0.0300	0.0290
31	1	787.50	786.20	119.91	119.94	0.5260	0.4650	32	1	785.20	785.30	120.69	120.47	0.3580	0.4000
33	1	789.00	789.60	121.70	122.09	0.2670	0.1720	34	1	796.60	796.70	117.96	119.41	0.5780	0.4240
35	1	783.90	784.60	103.21	108.37	2.1600	0.0950	36	1	786.40	785.00	118.03	118.23	0.1580	0.1280
37	1	789.90	789.00	123.35	123.44	0.1080	0.0870	38	1	788.50	788.40	109.14	111.43	0.0320	0.0300
39	1	791.10	792.40	112.92	114.32	0.0320	0.0300	40	1	796.00	796.90	119.76	115.31	0.0520	0.0420
41	1	789.00	789.90	114.54	108.48	0.0130	0.0150	42	1	785.90	785.80	113.93	115.14	0.8560	0.8360
43	1	791.10	792.20	115.70	116.48	0.0240	0.0240	44	1	792.10	793.00	121.59	121.52	0.1280	0.1920
45	1	794.00	794.40	102.13	110.45	0.0350	0.0320	46	1	789.00	788.50	105.64	106.04	0.0270	0.0270
47	1	789.30	788.90	110.36	108.76	0.0410	0.0440	48	1	787.90	788.40	103.31	102.14	0.0410	0.0420
49	1	789.80	794.70	104.66	114.19	0.0240	0.0180	50	1	787.20	787.30	123.13	123.19	0.0880	0.0920

<b>Min</b>	<b>783.90</b>	<b>784.40</b>	<b>101.77</b>	<b>101.16</b>	<b>0.0130</b>	<b>0.0150</b>
<b>Max</b>	<b>796.60</b>	<b>796.90</b>	<b>123.35</b>	<b>123.44</b>	<b>2.1600</b>	<b>0.8360</b>
<b>Avg</b>	<b>788.70</b>	<b>789.31</b>	<b>114.13</b>	<b>115.76</b>	<b>0.1916</b>	<b>0.1228</b>
<b>Std</b>	<b>2.9278</b>	<b>3.3022</b>	<b>7.4044</b>	<b>6.2166</b>	<b>0.4030</b>	<b>0.1780</b>

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