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## Testing Data Report

2007/7/24 PM 03:55:26	
LotNo: MBR10150CT AI0720	
Samples	50
Part No	MBR10150CT
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)	:	VF_L(mV)	:700	VF_L(mV)	:0	VF_L(mV)	:0
I2(mA)	:	I2_T(mS)	:	DVR2(V)	:	VF_H(mV)	:915	VF_H(mV)	:0	VF_H(mV)	:0
I3(mA)	:	I3_T(mS)	:			VB_L(V)	:151	VB_L(V)	:0	VB_L(V)	:0
IR(uA)	:10	IR_T(mS)	:0			VB_H(V)	:225	VB_H(V)	:0	VB_H(V)	:0
						VR(V)	:150	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	799.50	799.20	156.97	158.63	0.0360	0.0350	2	1	807.20	804.70	161.88	160.38	0.0360	0.0360
3	1	809.60	808.60	154.37	172.63	0.0380	0.0330	4	1	803.00	806.70	154.61	169.93	0.0420	0.0330
5	1	800.40	804.10	164.49	153.92	0.0350	0.0420	6	1	801.30	801.80	151.88	164.14	0.4300	0.1720
7	1	806.60	807.50	168.58	167.77	0.0320	0.0470	8	1	804.60	804.40	158.52	160.00	0.0270	0.0270
9	1	803.60	806.30	158.93	169.54	0.0620	0.0240	10	1	802.60	806.10	166.67	161.19	0.0260	0.0260
11	1	803.00	803.30	156.68	159.94	0.0810	0.0320	12	1	806.30	808.10	167.95	170.87	0.0260	0.0260
13	1	808.60	801.70	164.51	165.76	0.0270	0.0500	14	1	804.70	806.10	163.40	163.07	0.0240	0.0240
15	1	808.40	806.70	165.71	169.49	0.0240	0.0220	16	1	805.30	804.60	169.93	160.70	0.0240	0.0350
17	1	804.90	802.60	166.11	160.29	0.0330	0.0290	18	1	804.30	804.70	161.92	168.24	0.0270	0.0260
19	1	805.80	808.60	170.65	165.85	0.0240	0.0260	20	1	806.40	804.60	154.01	163.06	0.0290	0.0300
21	1	806.10	806.70	170.23	170.36	0.0320	0.0260	22	1	804.30	804.70	168.22	164.54	0.0240	0.0220
23	1	804.90	806.10	165.33	168.64	0.0240	0.0240	24	1	805.30	803.80	164.64	171.06	0.0240	1.4450
25	1	802.40	803.30	158.33	170.65	0.0360	0.0320	26	1	803.80	802.70	170.23	170.12	0.3400	0.0520
27	1	805.00	804.60	166.38	165.91	0.0380	0.0380	28	1	816.10	815.40	166.02	164.71	0.0240	0.0290
29	1	816.10	814.60	166.32	169.52	0.0240	0.0240	30	1	815.40	815.50	171.32	172.62	0.0260	0.0270
31	1	814.80	812.00	164.26	159.58	0.0260	0.0240	32	1	811.90	813.20	165.91	160.50	0.0260	0.0440
33	1	816.80	816.90	164.71	164.21	0.0260	0.0240	34	1	816.00	816.80	167.34	167.54	0.0240	0.0240
35	1	812.30	815.40	163.36	160.75	0.0260	0.0260	36	1	812.00	815.10	159.88	162.86	0.0240	0.0260
37	1	808.20	807.30	166.76	168.19	0.0320	0.0750	38	1	808.80	805.30	170.61	169.87	0.0300	0.0300
39	1	810.60	811.10	154.43	165.83	0.0270	0.0260	40	1	806.00	806.40	168.21	154.81	0.0360	0.0440
41	1	808.10	807.20	170.64	151.80	0.0330	0.0380	42	1	800.10	800.60	159.96	166.02	0.0330	0.0350
43	1	809.70	809.70	163.57	157.21	0.0350	0.0350	44	1	800.60	799.00	164.31	156.05	0.0330	0.0490
45	1	806.10	805.60	154.88	168.07	0.0240	0.0240	46	1	807.00	807.00	165.85	152.29	0.0300	0.1130
47	1	799.00	800.90	152.06	165.82	0.0330	0.4500	48	1	808.60	812.30	158.13	154.91	0.0380	0.0350
49	1	806.90	804.90	158.78	158.68	0.0350	0.0350	50	1	809.90	809.20	156.06	170.26	0.0360	0.0320

<b>Min</b>	<b>799.00</b>	<b>799.00</b>	<b>151.88</b>	<b>151.80</b>	<b>0.0240</b>	<b>0.0220</b>
<b>Max</b>	<b>816.80</b>	<b>816.90</b>	<b>171.32</b>	<b>172.63</b>	<b>0.4300</b>	<b>1.4450</b>
<b>Avg</b>	<b>806.98</b>	<b>807.07</b>	<b>163.09</b>	<b>164.18</b>	<b>0.0456</b>	<b>0.0737</b>
<b>Std</b>	<b>4.5805</b>	<b>4.6345</b>	<b>5.5172</b>	<b>5.5939</b>	<b>0.0712</b>	<b>0.2078</b>

Approved By		Reviewed By		Created By	
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