



Sirectifier Global Corp.
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**Testing Data
 Report**

| | |
|----------------------------|------------|
| 2007/8/3 PM 02:22:12 | |
| LotNo: MBRH300SPT-1 AC0541 | |
| Samples | 20 |
| Part No | MBRH300SPT |
| Customer | SIRECT |

| | | | | | | | | | | |
|--------|----------|----------|-------|---------|-----|----------|-----------|------|-----------|----|
| device | SCHOTTKY | Package | TO-3P | Tester | 1 | MPT6000T | Operator | 0093 | DateCode | |
| Source | | | | Bin | | | | | | |
| IF(A) | :15 | | | VFM(mV) | :50 | | TRR_L(nS) | :0 | TRR_L(nS) | :0 |
| SI(mA) | :50 | SI_T(mS) | :10 | | | | TRR_H(nS) | :0 | TRR_H(nS) | :0 |
| I1(mA) | :0.01 | I1_T(mS) | :10 | DVR1(V) | :50 | | VF_L(mV) | :600 | VF_L(mV) | :0 |
| I2(mA) | :0.3 | I2_T(mS) | :10 | DVR2(V) | :10 | | VF_H(mV) | :745 | VF_H(mV) | :0 |
| I3(mA) | :0.01 | I3_T(mS) | :10 | | | | VB_L(V) | :61 | VB_L(V) | :0 |
| IR(uA) | :10 | IR_T(mS) | :0 | | | | VB_H(V) | :135 | VB_H(V) | :0 |
| | | | | | | | VR(V) | :60 | 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 | 741.20 | 738.60 | 71.820 | 69.100 | 4.3960 | 5.1590 | 2 | 1 | 743.80 | 743.70 | 67.850 | 68.560 | 5.3020 | 5.0880 |
| 3 | 1 | 743.50 | 742.80 | 69.810 | 70.630 | 4.6660 | 4.4260 | 4 | 1 | 744.30 | 743.80 | 69.350 | 69.980 | 4.7340 | 4.5520 |
| 5 | 1 | 744.20 | 743.40 | 70.690 | 70.840 | 4.3880 | 4.3550 | 6 | 1 | 744.90 | 744.20 | 69.900 | 68.890 | 4.6630 | 5.0670 |
| 7 | 1 | 743.80 | 743.10 | 68.390 | 69.210 | 4.9740 | 4.7310 | 8 | 1 | 744.90 | 744.80 | 69.980 | 69.680 | 4.5350 | 4.6900 |
| 9 | 1 | 742.30 | 739.90 | 67.850 | 66.950 | 5.0310 | 5.4560 | 10 | 1 | 744.00 | 744.60 | 69.730 | 69.380 | 4.6320 | 4.7560 |
| 11 | 1 | 743.70 | 742.60 | 70.210 | 70.380 | 4.5800 | 4.5640 | 12 | 1 | 743.20 | 740.50 | 73.060 | 70.170 | 3.9400 | 5.1180 |
| 13 | 1 | 744.30 | 744.30 | 69.680 | 69.390 | 4.6780 | 4.7630 | 14 | 1 | 743.70 | 743.80 | 67.680 | 68.370 | 5.4750 | 5.4130 |
| 15 | 1 | 743.70 | 742.80 | 69.150 | 69.780 | 4.8220 | 4.6380 | 16 | 1 | 742.00 | 739.20 | 67.810 | 66.760 | 5.1100 | 5.3510 |
| 17 | 1 | 744.80 | 744.00 | 69.790 | 68.750 | 4.7630 | 4.5350 | 18 | 1 | 744.00 | 744.00 | 69.900 | 70.730 | 4.5620 | 4.1050 |
| 19 | 1 | 743.40 | 743.70 | 68.270 | 69.120 | 5.0110 | 4.5260 | 20 | 1 | 743.20 | 743.10 | 68.160 | 68.980 | 5.0850 | 4.8450 |

| | | | | | | |
|------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Min | 741.20 | 738.60 | 67.680 | 66.760 | 3.9400 | 4.1050 |
| Max | 744.90 | 744.80 | 73.060 | 70.840 | 5.4750 | 5.4560 |
| Avg | 743.65 | 742.84 | 69.454 | 69.283 | 4.7674 | 4.8069 |
| Std | 0.9439 | 1.8179 | 1.3964 | 1.1001 | 0.3499 | 0.3717 |

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