

SURFACE MOUNT SWITCHING DIODE

Operating Temperature: -65°C to 150°C

| RFE Part Number | Cross-Reference | Power Dissipation | Peak Voltage | Max. Average Rect. Current | Forward Voltage | Maximum Rev. Current | Max. Reverse Recovery Time @Rated PIV | Package | Outline (Dimensions in mm) |
|-----------------|-----------------|---------------------|---------------------|----------------------------|--|--|---------------------------------------|---------|----------------------------|
| | | P _d (mW) | V _{ZM} (V) | I _o (mA) | V _F (V)@I _F (mA) | I _R (nA)@V _R (V) | T _{RR} (nS) | Reel | |
| LL4148 | DL4148 | 500mW | 100 | 150 | 1.0@10 | 25@20 | 4 | 2500 | |
| LL4448 | DL4448 | 500mW | 100 | 150 | 1.0@100 | 25@20 | 4 | 2500 | |

SURFACE MOUNT SWITCHING DIODE(SOT-23 Package)

Operating Temperature: -65°C to 150°C

| Part Number | Cross Reference | Marking | Min. Repetitive Rev. Voltate | Max. Forward Current | Max. Continuous Reverse Current | Max. Forward Voltage | Max. Capacitance | Reverse Recovery Time | Package | Diagram |
|-------------|-----------------|---------|------------------------------|----------------------|--|--|------------------|-----------------------|---------|---------|
| | | | V _{RRM} (V) | I _F (mA) | I _R (nA)@V _R (V) | V _F (V)@I _F (mA) | C(pF) | T _{rr} (nS) | Reel | |
| BAS21 | | JS | 200 | | | 1.00@100 | | 50.0 | 3000 | 1 |
| MMBD1401 | | 29 | 200 | | 100@200 | 1.00@200 | | 50.0 | | 1 |
| MMBD1402 | | 31 | 200 | | 100@200 | 1.00@200 | | 50.0 | | 2 |
| MMBD1403 | | 32 | 200 | | 100@200 | 1.00@200 | | 50.0 | | 3 |
| MMBD1404 | | 33 | 200 | | 100@200 | 1.00@200 | | 50.0 | | 4 |
| MMBD1405 | | 34 | 200 | | 100@200 | 1.00@200 | | 50.0 | | 5 |
| MMBD1501A | | 11A | 200 | | | 1.00@200 | | | | 1 |
| MMBD1503A | | 13A | 200 | | | 1.00@200 | | | | 3 |
| BAS20 | | A81 | 150 | | 100@150 | 1.00@100 | | 50.0 | | 1 |
| BAS19 | | A81 | 120 | | 100@120 | 1.00@100 | | 50.0 | | 1 |
| BAS29 | | L20 | 120 | | 100@120 | 0.84@50 | | 50.0 | | 1 |
| BAS31 | | L21 | 120 | | 100@120 | 0.84@50 | | 50.0 | | 3 |
| BAS35 | | L22 | 120 | | 100@120 | 0.84@50 | | 50.0 | | 5 |
| MMBD7000 | | | 100 | 200 | 500@100 | 0.75@100 | 1.5 | 4.0 | | 3 |
| MMBD914 | MMBD4148 | 5D | 100 | | 5000@75 | 1.00@10 | 4.0 | 4.0 | | 1 |
| MMBD914B | MMBD4448 | | 100 | | 5000@75 | 1.00@100 | 4.0 | 4.0 | | 1 |
| MMBD1201 | | 24 | 100 | | 25@100 | 1.00@200 | | 4.0 | | 1 |
| MMBD1202 | | 25 | 100 | | 25@100 | 1.00@200 | | 4.0 | | 2 |
| MMBD1203 | | 26 | 100 | | 25@100 | 1.00@200 | | 4.0 | | 3 |
| MMBD1204 | | 27 | 100 | | 25@100 | 1.00@200 | | 4.0 | | 4 |
| MMBD1205 | | 28 | 100 | | 25@100 | 1.00@200 | | 4.0 | | 5 |
| MMBD4148 | MMBD914 | 5H | 100 | | 5000@75 | 1.00@10 | 4.0 | 4.0 | | 1 |
| MMBD4448 | MMBD914B | | 100 | | 5000@75 | 1.00@100 | 4.0 | 4.0 | | 1 |
| MMBD2836 | | A6 | 75 | 100 | 100@50 | 1.00@50 | 4.0 | 15.0 | | 5 |
| BAS16 | | A6 | 75 | 250 | 1000@75 | 1.00@50 | 2.0 | 6.0 | | 5 |
| MMBD6050 | | | 70 | 200 | 100@50 | 1.10@100 | 2.5 | 4.0 | | 1 |
| BAV70 | | A4 | 70 | 250 | 5000@70 | 1.00@50 | 1.5 | 6.0 | | 4 |
| BAV99 | | A7 | 70 | 250 | 2500@70 | 1.00@50 | 1.5 | 6.0 | | 3 |
| BAW56 | | A1 | 70 | 250 | 2500@70 | 1.00@50 | 2.0 | 6.0 | | 5 |
| BAV74 | | JA | 50 | | 100@50 | 1.00@100 | | 0.7 | | 4 |
| MMBD2835 | | | 35 | 100 | 100@50 | 1.00@50 | 4.0 | 15.0 | 5 | |
| MMBD1701 | | 85 | 30 | | 50@30 | 1.10@50 | | 0.7 | 1 | |
| MMBD1702 | | 86 | 30 | | 50@30 | 1.10@50 | | 0.7 | 2 | |
| MMBD1703 | | 87 | 30 | | 50@30 | 1.10@50 | | 0.7 | 3 | |
| MMBD1704 | | 88 | 30 | | 50@30 | 1.10@50 | | 0.7 | 4 | |
| MMBD1705 | | 89 | 30 | | 50@30 | 1.10@50 | | 0.7 | 5 | |
| BA779 | | | 30 | 50 | 50@30 | 1.00@20 | 0.5 | | 1 | |
| BA779S | | | 30 | 50 | 50@30 | 1.00@20 | 0.5 | | 1 | |
| BA779-2 | | | 30 | 50 | 50@16 | 1.00@20 | 0.5 | | 3 | |
| BB804 | | | 20 | 50 | 20@16 | | 47.5 | | 4 | |
| BB814 | | | 20 | 50 | 20@16 | | 46.5 | | 4 | |
| BB824 | | | 20 | 50 | 20@16 | | 45.0 | | 4 | |

SOT-23 Package

