

SWITCHING DIODES, GLASS PACKAGE

| ISI Part Number | Power Dissipation | Peak Voltage | Continuous Reverse Current | | Forward Voltage Drop | | Capacitance C Maximum | Reverse Recovery Time | Package Quantities | Outline |
|--|--|--------------------------------------|---------------------------------------|-------------------------------------|--|---------------------------------------|--|--|--------------------|---|
| | P_{max} (mW) | V_{pk} (Volts) | I_r (mA) | V_r (Volts) | V_f (Volts) | I_f (mA) | (pF) | T_{rr} (nS) | | Bulk/Reel |
| 1N914 1N914A 1N914B | 250 | 100 | 5000 | 75 | 1.0 | 10 | 4.0 | 4.0 | 1000/ 10,000 | <p>All Dimensions in $\frac{\text{Inches}}{\text{mm}}$</p> |
| 1N916 1N916A 1N916B | 250 | 100 | 5000 | 75 | 1.0 | 10 | - | 2.0 | | |
| 1N3064 1N3600 | 250 250 | 75 75 | 100 100 | 50 50 | 1.0 1.0 | 10 100 | 2.0 2.5 | 4.0 4.0 | | |
| 1N4009 1N4148 1N4149 1N4150 | 250 500 500 500 | 35 100 100 75 | 100 5000 5000 100 | 25 75 75 50 | 1.0 1.0 1.0 1.0 | 30 10 10 200 | 4.0 4.0 - 2.5 | 4.0 4.0 4.0 4.0 | | |
| 1N4151 1N4152 1N4153 1N4154 | 500 400 400 500 | 75 40 75 35 | 50 50 50 100 | 50 30 50 25 | 1.0 0.88 0.88 1.0 | 50 20 20 30 | 2.0 4.0 4.0 4.0 | 2.0 2.0 2.0 2.0 | | |
| 1N4244 | 500 | 20 | 250 | 10 | 1.0 | 20 | 0.8 | 0.75 | | |
| 1N4305 1N4376 | 500 500 | 75 20 | 100 100 | 50 10 | 0.85 1.10 | 10 50 | 2.0 1.0 | 4.0 750 | | |
| 1N4446 1N4447 1N4448 1N4449 1N4450 1N4454 | 500 500 500 500 400 500 | 100 100 100 100 40 75 | 25 25 5000 25 50 100 | 20 20 75 20 30 50 | 1.0 1.0 1.0 1.0 1.0 1.0 | 20 20 100 30 200 10 | 4.0 4.0 4.0 2.0 4.0 2.0 | 4.0 4.0 4.0 4.0 4.0 4.0 | | |
| 1N5282 | 500 | 80 | 100 | 55 | 1.3 | 500 | 2.5 | 2.0 | | |
| BA170 BAV17 BAV18 BAV18 BAV20 BAV21 | 300 400 400 400 400 400 | 20 25 60 120 200 250 | 50 100 100 100 100 100 | 10 20 50 100 100 200 | 1.0 1.0 1.0 1.0 1.0 1.0 | 80 100 100 100 100 100 | | 100 50 50 50 50 50 | | |
| BAW75 BAW76 | 500 500 | 35 75 | 100 100 | 25 50 | 1.0 1.0 | 30 100 | | 2.0 2.0 | | |
| BAX13 BAX16 | 500 400 | 50 165 | 200 100 | 50 150 | 1.53 1.30 | 75 100 | | 4.0 120 | | |
| BAY60 | 400 | 150 | 100 | 120 | 1.0 | 100 | | 50 | | |

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SWITCHING DIODES, FLAT SURFACE MOUNT PACKAGE

| ISI Part Number | Repetitive Reverse Voltage | Maximum Reverse Current | Maximum Forward Voltage | | Capacitance C Maximum | Reverse Recovery Time | Package Quantities | Outline | |
|--|----------------------------|----------------------------|---------------------------------|---------------|---------------------------------|-----------------------|--------------------|-----------------------------|--------------------|
| | V_{RRM} (Volts) | I_r (mA) | V_r (Volts) | V_f (Volts) | (pF) | T_{rr} (nS) | | Bulk/Reel | Inches/millimeters |
| MMBD914 MMBD914B | | 5000 5000 | 75 75 | | 10 100 | 4.0 4.0 | | <p>Max Dimensions in mm</p> | |
| MMBD1201 MMBD1202 MMBD1203 MMBD1204 MMBD1205 | 100 | 25 25 25 25 25 | 100 100 100 100 100 | 1.0 | 200 200 200 200 200 | - - - - - | 4.0 | | 3000 |
| MMBD4148 MMBD4448 | | 5000 5000 | 75 75 | | 10 100 | 4.0 4.0 | | | |

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