


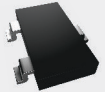
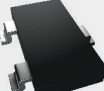
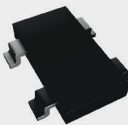
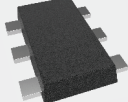



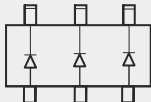
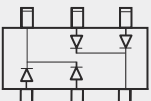
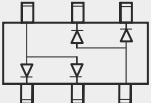
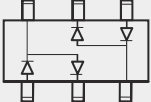


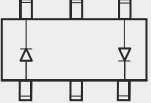
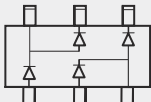
## ▶ Surface Mount Switching Diodes

| Package Types  | Part No.    | Electrical Characteristics(Rating at 25°C Ambient Temperature) |                               |  |                                |  |
|--|-------------|--|-------------------------------|--|--------------------------------|--|
|  |             | Working Peak Reverse Voltage-VRWM(V)                           | Average Forward Current-IO(A) | Max. Forward Voltage Per Element-VF(V) | At Rated Forward Current-IF(A) | Max.DC Reverse Current at Rated DC Blocking Voltage -IRMAX(uA) |
| <br>SOD-882   | 1N4148WLP   | 80   | 0.1                           | 1.2                                    | 0.1                            | 0.1  |
| <br>SOD-723   | 1SS400G     | 90   | 0.1                           | 1.2                                    | 0.225                          | 0.1  |
| <br>SOD-523   | 1SS400      | 90   | 0.1                           | 1.2                                    | 0.225                          | 0.1  |
|  | 1N4148X     | 75   | 0.15                          | 1.25                                   | 0.15                           | 1  |
|  | 1N4448X     | 75   | 0.25                          | 1.0                                    | 0.1                            | 2.5  |
| <br>SOD-323  | 1SS355      | 90   | 0.1                           | 1.2                                    | 0.1                            | 0.1  |
|  | 1N4148WX    | 100  | 0.15                          | 1.0                                    | 0.05                           | 5  |
|  | 1N4448WX    | 75   | 0.25                          | 1.0                                    | 0.1                            | 2.5  |
|  | BAS16WX     | 75   | 0.2                           | 1.25                                   | 0.15                           | 1.0  |
|  | BAS21WS     | 250  | 0.2                           | 1.25                                   | 0.2                            | 0.1  |
|  | BAV19WS     | 120  | 0.2                           | 1.25                                   | 0.2                            | 0.1  |
|  | BAV20WS     | 200  | 0.2                           | 1.25                                   | 0.2                            | 0.1  |
|  | BAV21WS     | 250  | 0.2                           | 1.25                                   | 0.2                            | 0.1  |
|  | MMDL914     | 100  | 0.2                           | 1.0                                    | 0.01                           | 0.5  |
| <br>SOD-123 | 1N4148W     | 100  | 0.15                          | 1.25                                   | 0.15                           | 1.0  |
|  | 1N4448W     | 100  | 0.25                          | 1.0                                    | 0.1                            | 2.5  |
|  | BAS16W      | 75   | 0.1                           | 1.25                                   | 0.15                           | 1.0  |
|  | BAV19W      | 100  | 0.2                           | 1.0                                    | 0.1                            | 0.1  |
|  | BAV20W      | 150  | 0.2                           | 1.0                                    | 0.1                            | 0.1  |
|  | BAV21W      | 200  | 0.2                           | 1.0                                    | 0.1                            | 0.1  |
|  | BAV3004W    | 350  | 0.225                         | 1.0                                    | 0.1                            | 0.1  |
|  | MMSD914     | 75   | 0.2                           | 1.0                                    | 0.01                           | 5.0  |
| <br>SOT-523 | BAS16T      | 85   | 0.075                         | 1.0                                    | 0.05                           | 2.0  |
|  | BAS21T      | 250  | 0.2                           | 1.0                                    | 0.1                            | 0.1  |
|  | BAV70T      | 85   | 0.075                         | 1.0                                    | 0.05                           | 2.0  |
|  | BAV99T      | 85   | 0.075                         | 1.0                                    | 0.05                           | 2.0  |
|  | BAW56T      | 85   | 0.075                         | 1.0                                    | 0.05                           | 2.0  |
|  | DAN222      | 80   | 0.1                           | 1.2                                    | 0.001                          | 0.1  |
|  | DAP222      | 80   | 0.1                           | 1.2                                    | 0.001                          | 0.1  |
|  | MMBD4448HT  | 80   | 0.25                          | 1.0                                    | 0.1                            | 0.1  |
|  | MMBD4448HTA | 80   | 0.25                          | 1.0                                    | 0.1                            | 0.1  |
|  | MMBD4448HTC | 80   | 0.25                          | 1.0                                    | 0.1                            | 0.1  |
|  | MMBD4448HTS | 80   | 0.25                          | 1.0                                    | 0.1                            | 0.1  |

## ▶ Surface Mount Switching Diodes

| Package Types  | Part No.   | Electrical Characteristics(Rating at 25°C Ambient Temperature) |                               |  |                                |  |
|--|------------|--|-------------------------------|--|--------------------------------|--|
|  |            | Working Peak Reverse Voltage-VRWM(V)                           | Average Forward Current-IO(A) | Max. Forward Voltage Per Element-VF(V) | At Rated Forward Current-IF(A) | Max.DC Reverse Current at Rated DC Blocking Voltage -IRMAX(uA) |
| <br>SOT-323   | BAS16WT    | 75   | 0.15                          | 1                                      | 0.05                           | 1.0  |
|  | BAS19WT    | 100  | 0.2                           | 1                                      | 0.1                            | 0.1  |
|  | BAS20WT    | 150  | 0.2                           | 1                                      | 0.1                            | 0.1  |
|  | BAS21WT    | 200  | 0.2                           | 1                                      | 0.1                            | 0.1  |
|  | BAV70WT    | 75   | 0.15                          | 1                                      | 0.05                           | 2.5  |
|  | BAV99WT    | 75   | 0.15                          | 1                                      | 0.05                           | 2.5  |
|  | BAW56WT    | 75   | 0.15                          | 1                                      | 0.05                           | 2.5  |
|  | DA204U     | 20   | 0.1                           | 1                                      | 0.01                           | 0.1  |
|  | DAN202U    | 80   | 0.1                           | 1.2                                    | 0.1                            | 0.1  |
|  | DAN217U    | 80   | 0.1                           | 1.2                                    | 0.1                            | 0.2  |
|  | MMBD4148WT | 75   | 0.15                          | 1                                      | 0.05                           | 1.0  |
|  | MMBD4448WT | 75   | 0.25                          | 1                                      | 0.1                            | 2.5  |
| <br>SOT-23  | BAS16      | 75   | 0.3                           | 1.25                                   | 0.15                           | 1.0  |
|  | BAS19      | 100  | 0.2                           | 1.25                                   | 0.2                            | 0.1  |
|  | BAS20      | 150  | 0.2                           | 1.25                                   | 0.2                            | 0.1  |
|  | BAS21      | 200  | 0.2                           | 1.25                                   | 0.2                            | 0.1  |
|  | BAW56      | 75   | 0.25                          | 0.855                                  | 0.01                           | 2.5  |
|  | DAN202     | 80   | 0.1                           | 1.2                                    | 0.1                            | 0.1  |
|  | DAN217     | 80   | 0.1                           | 1.2                                    | 0.1                            | 0.1  |
|  | DAP202     | 80   | 0.1                           | 1.2                                    | 0.1                            | 0.1  |
|  | MMBD4148   | 100  | 0.15                          | 0.855                                  | 0.01                           | 0.025  |
|  | MMBD4148CA | 75   | 0.2                           | 1                                      | 0.01                           | 5.0  |
|  | MMBD4148CC | 75   | 0.2                           | 1                                      | 0.01                           | 5.0  |
|  | MMBD4148SE | 75   | 0.2                           | 1                                      | 0.01                           | 5.0  |
|  | MMBD4448   | 75   | 0.25                          | 0.855                                  | 0.01                           | 2.5  |
|  | MMBD914    | 100  | 0.15                          | 0.855                                  | 0.01                           | 0.025  |
| <br>SOT-143 | BAS28      | 85   | 0.215                         | 1.25                                   | 0.1                            | 1.0  |
| <br>SOT-563 | BAS16V     | 75   | 0.2                           | 1                                      | 0.05                           | 1.0  |
|  | MMBD4448V  | 80   | 0.25                          | 1                                      | 0.1                            | 0.1  |

## ▶ Surface Mount Switching Diodes

| Package Types  | Internal Configuration  | Part No.     | Electrical Characteristics (Rating at 25°C Ambient Temperature) |                               |  |                                |  |
|--|---|--------------|---|-------------------------------|--|--------------------------------|--|
|  |   |              | Working Peak Reverse Voltage-VRWM(V)                            | Average Forward Current-IO(A) | Max. Forward Voltage Per Element-VF(V) | At Rated Forward Current-IF(A) | Max.DC Reverse Current at Rated DC Blocking Voltage -IRMAX(uA) |
| <br>SOT-363 |    | BAS16TW      | 75  | 0.15                          | 1                                      | 0.05                           | 1  |
|  |   | MMBD4148TW   | 75  | 0.15                          | 1                                      | 0.05                           | 1  |
|  |   | MMBD4448HTW  | 80  | 0.25                          | 1                                      | 0.05                           | 0.1  |
|  |    | BAV70DW      | 75  | 0.15                          | 1                                      | 0.05                           | 2.5  |
|  |   | MMBD4448HCDW | 80  | 0.25                          | 1                                      | 0.05                           | 0.1  |
|  |   | BAW56DW      | 75  | 0.15                          | 1                                      | 0.05                           | 2.5  |
|  |   | MMBD4448HADW | 80  | 0.25                          | 1                                      | 0.05                           | 0.1  |
|  |  | BAV99DW      | 75  | 0.15                          | 0.855                                  | 0.01                           | 2.5  |
|  |   | MMBD4448HSDW | 80  | 0.25                          | 1                                      | 0.05                           | 0.1  |
|  |  | MMBD4448HAQW | 80  | 0.25                          | 1                                      | 0.05                           | 0.1  |
|  |  | MMBD4448HCQW | 80  | 0.25                          | 1                                      | 0.05                           | 0.1  |
|  |  | MMBD4448DW   | 75  | 0.25                          | 1                                      | 0.05                           | 2.5  |
|             | BAV99BRW  | 75           | 0.15  | 0.855                         | 0.01                                   | 2.5                            |  |