|  |  |  |  |
| --- | --- | --- | --- |
| **1N4727 3V** | **1N4728 3.3V** | **1N4729 3.6V** | **1N4730 3.9V** |
|  |  |  |  |
| **Silicon Planar Zener Diode** | **Silicon Planar Zener Diode** | **Silicon Planar Zener Diode** | **Silicon Planar Zener Diode** |
| VZ = ***3V***  IZM = **275*mA*** IZSM = ***1375mA***  VF at IF= 200mA = ***1.2V***  Ptot = ***1W***  RѲJA = ***170 K/W***  TSTG =  **-*65 to +200 ⁰C***  VZ Tol. Suffix = ***A*** for ***±5%*, *B*** for ***±2%*** | VZ = ***3.3V***  IZM = ***275mA*** IZSM = ***1375mA***  VF at IF= 200mA = ***1.2V***  Ptot = ***1W***  RѲJA = ***170 K/W***  TSTG =  **-*65 to +200 ⁰C***  VZ Tol. Suffix = ***A*** for ***±5%*, *B*** for ***±2%*** | VZ = ***3.6V***  IZM = ***252mA*** IZSM = ***1260mA***  VF at IF= 200mA = ***1.2V***  Ptot = ***1W***  RѲJA = ***170 K/W***  TSTG =  **-*65 to +200 ⁰C***  VZ Tol. Suffix = ***A*** for ***±5%***, ***B*** for ***±2%*** | VZ = ***3.9V***  IZM = ***234mA*** IZSM = ***1190mA***  VF at IF= 200mA= ***1.2V***  Ptot = ***1W***  RѲJA = ***170 K/W***  TSTG =  **-*65 to +200 ⁰C***  VZ Tol. Suffix = ***A*** for ***±5%***, ***B*** for ***±2%*** |
| **1N4731 4.3V** | **1N4732 4.7V** | **1N4733 5.1V** | **1N4734 5.6V** |
|  |  |  |  |
| **Silicon Planar Zener Diode** | **Silicon Planar Zener Diode** | **Silicon Planar Zener Diode** | **Silicon Planar Zener Diode** |
| VZ = ***4.3V***  IZM = ***217mA*** IZSM = ***1070mA***  VF at IF= 200mA = ***1.2V***  Ptot = ***1W***  RѲJA = ***170 K/W***  TSTG =  **-*65 to +200 ⁰C***  VZ Tol. Suffix = ***A*** for ***±5%*, *B*** for ***±2%*** | VZ = ***4.7V***  IZM = ***193mA*** IZSM = ***970mA***  VF at IF= 200mA = ***1.2V***  Ptot = ***1W***  RѲJA = ***170 K/W***  TSTG =  **-*65 to +200 ⁰C***  VZ Tol. Suffix = ***A*** for ***±5%***, ***B*** for ***±2%*** | VZ = ***5.1V***  IZM = ***178mA*** IZSM = ***890mA***  VF at IF= 200mA = ***1.2V***  Ptot = ***1W***  RѲJA = ***170 K/W***  TSTG =  **-*65 to +200 ⁰C***  VZ Tol. Suffix = ***A*** for ***±5%*, *B*** for ***±2%*** | VZ = ***5.6V***  IZM = ***162mA*** IZSM = ***810mA***  VF at IF= 200mA = ***1.2V***  Ptot = ***1W***  RѲJA = ***170 K/W***  TSTG =  **-*65 to +200 ⁰C***  VZ Tol. Suffix = ***A*** for ***±5%***, ***B*** for ***±2%*** |
| **1N4735 6.2V** | **1N4736 6.8V** | **1N4737 7.5V** | **1N4738 8.2V** |
|  |  |  |  |
| **Silicon Planar Zener Diode** | **Silicon Planar Zener Diode** | **Silicon Planar Zener Diode** | **Silicon Planar Zener Diode** |
| VZ = ***6.2V***  IZM = ***146mA*** IZSM = ***730mA***  VF at IF= 200mA = ***1.2V***  Ptot = ***1W***  RѲJA = ***170 K/W***  TSTG =  **-*65 to +200 ⁰C***  VZ Tol. Suffix = ***A*** for ***±5%*, *B*** for ***±2%*** | VZ = ***6.8V***  IZM = ***133mA*** IZSM = ***660mA***  VF at IF= 200mA = ***1.2V***  Ptot = ***1W***  RѲJA = ***170 K/W***  TSTG =  **-*65 to +200 ⁰C***  VZ Tol. Suffix = ***A*** for ***±5%***, ***B*** for ***±2%*** | VZ = ***7.5V***  IZM = ***121mA*** IZSM = ***605mA***  VF at IF= 200mA = ***1.2V***  Ptot = ***1W***  RѲJA = ***170 K/W***  TSTG =  **-*65 to +200 ⁰C***  VZ Tol. Suffix = ***A*** for ***±5%*, *B*** for ***±2%*** | VZ = ***8.2V***  IZM = ***110mA*** IZSM = ***550mA***  VF at IF= 200mA = ***1.2V***  Ptot = ***1W***  RѲJA = ***170 K/W***  TSTG =  **-*65 to +200 ⁰C***  VZ Tol. Suffix = ***A*** for ***±5%*, *B*** for ***±2%*** |
| **1N4739 9.1V** | **1N4740 10V** | **1N4741 11V** | **1N4742 12V** |
|  |  |  |  |
| **Silicon Rectifier Diode** | **Silicon Planar Zener Diode** | **Silicon Planar Zener Diode** | **Silicon Planar Zener Diode** |
| VZ = ***9.1V***  IZM = ***100mA*** IZSM = ***500mA***  VF at IF= 200mA = ***1.2V***  Ptot = ***1W***  RѲJA = ***170 K/W***  TSTG =  **-*65 to +200 ⁰C***  VZ Tol. Suffix = ***A*** for ***±5%***, ***B*** for ***±2%*** | VZ = ***10V***  IZM = ***91mA*** IZSM = ***454mA***  VF at IF= 200mA = ***1.2V***  Ptot = ***1W***  RѲJA = ***170 K/W***  TSTG =  **-*65 to +200 ⁰C***  VZ Tol. Suffix = ***A*** for ***±5%***, ***B*** for ***±2%*** | VZ = ***11V***  IZM = ***83mA*** IZSM = ***414mA***  VF at IF= 200mA = ***1.2V***  Ptot = ***1W***  RѲJA = ***170 K/W***  TSTG =  **-*65 to +200 ⁰C***  VZ Tol. Suffix = ***A*** for ***±5%***, ***B*** for ***±2%*** | VZ = ***12V***  IZM = ***76mA*** IZSM = ***380mA***  VF at IF= 200mA = ***1.2V***  Ptot = ***1W***  RѲJA = ***170 K/W***  TSTG =  **-*65 to +200 ⁰C***  VZ Tol. Suffix = ***A*** for ***±5%***, ***B*** for ***±2%*** |
| **1N4743 13V** | **1N4744 15V** | **1N4745 16V** | **1N4746 18V** |
|  |  |  |  |
| **Silicon Planar Zener Diode** | **Silicon Planar Zener Diode** | **Silicon Planar Zener Diode** | **Silicon Planar Zener Diode** |
| VZ = ***13V***  IZM = ***69mA*** IZSM = ***344mA***  VF at IF= 200mA = ***1.2V***  Ptot = ***1W***  RѲJA = ***170 K/W***  TSTG =  **-*65 to +200 ⁰C***  VZ Tol. Suffix = ***A*** for ***±5%*, *B*** for ***±2%*** | VZ = ***15V***  IZM = ***61mA*** IZSM = ***304mA***  VF at IF= 200mA = ***1.2V***  Ptot = ***1W***  RѲJA = ***170 K/W***  TSTG =  **-*65 to +200 ⁰C***  VZ Tol. Suffix = ***A*** for ***±5%*, *B*** for ***±2%*** | VZ = ***16V***  IZM = ***57mA*** IZSM = ***285mA***  VF at IF= 200mA = ***1.2V***  Ptot = ***1W***  RѲJA = ***170 K/W***  TSTG =  **-*65 to +200 ⁰C***  VZ Tol. Suffix = ***A*** for ***±5%*, *B*** for ***±2%*** | VZ = ***18V***  IZM = ***50mA*** IZSM = ***250mA***  VF at IF= 200mA = ***1.2V***  Ptot = ***1W***  RѲJA = ***170 K/W***  TSTG =  **-*65 to +200 ⁰C***  VZ Tol. Suffix = ***A*** for ***±5%*, *B*** for ***±2%*** |

|  |  |  |  |
| --- | --- | --- | --- |
| **1N4747 20V** | **1N4748 22V** | **1N4749 24V** | **1N4750 27V** |
|  |  |  |  |
| **Silicon Planar Zener Diode** | **Silicon Planar Zener Diode** | **Silicon Planar Zener Diode** | **Silicon Planar Zener Diode** |
| VZ = ***20V***  IZM = ***45mA*** IZSM = ***225mA***  VF at IF= 200mA = ***1.2V***  Ptot = ***1W***  RѲJA = ***170 K/W***  TSTG =  **-*65 to +200 ⁰C***  VZ Tol. Suffix = ***A*** for ***±5%*, *B*** for ***±2%*** | VZ = ***22V***  IZM = ***41mA*** IZSM = ***205mA***  VF at IF= 200mA = ***1.2V***  Ptot = ***1W***  RѲJA = ***170 K/W***  TSTG =  **-*65 to +200 ⁰C***  VZ Tol. Suffix = ***A*** for ***±5%*, *B*** for ***±2%*** | VZ = ***24V***  IZM = ***38mA*** IZSM = ***190mA***  VF at IF= 200mA = ***1.2V***  Ptot = ***1W***  RѲJA = ***170 K/W***  TSTG =  **-*65 to +200 ⁰C***  VZ Tol. Suffix = ***A*** for ***±5%*, *B*** for ***±2%*** | VZ = ***27V***  IZM = ***34mA*** IZSM = ***170mA***  VF at IF= 200mA = ***1.2V***  Ptot = ***1W***  RѲJA = ***170 K/W***  TSTG =  **-*65 to +200 ⁰C***  VZ Tol. Suffix = ***A*** for ***±5%*, *B*** for ***±2%*** |
| **1N4751 30V** | **1N4752 33V** | **1N4753 36V** | **1N4754 39V** |
|  |  |  |  |
| **Silicon Planar Zener Diode** | **Silicon Planar Zener Diode** | **Silicon Planar Zener Diode** | **Silicon Planar Zener Diode** |
| VZ = ***30V***  IZM = ***30mA*** IZSM = ***150mA***  VF at IF= 200mA = ***1.2V***  Ptot = ***1W***  RѲJA = ***170 K/W***  TSTG =  **-*65 to +200 ⁰C***  VZ Tol. Suffix = ***A*** for ***±5%*, *B*** for ***±2%*** | VZ = ***33V***  IZM = ***27mA*** IZSM = ***135mA***  VF at IF= 200mA = ***1.2V***  Ptot = ***1W***  RѲJA = ***170 K/W***  TSTG =  **-*65 to +200 ⁰C***  VZ Tol. Suffix = ***A*** for ***±5%*, *B*** for ***±2%*** | VZ = ***36V***  IZM = ***25mA*** IZSM = ***125mA***  VF at IF= 200mA = ***1.2V***  Ptot = ***1W***  RѲJA = ***170 K/W***  TSTG =  **-*65 to +200 ⁰C***  VZ Tol. Suffix = ***A*** for ***±5%*, *B*** for ***±2%*** | VZ = ***39V***  IZM = ***23mA*** IZSM = ***115mA***  VF at IF= 200mA = ***1.2V***  Ptot = ***1W***  RѲJA = ***170 K/W***  TSTG =  **-*65 to +200 ⁰C***  VZ Tol. Suffix = ***A*** for ***±5%*, *B*** for ***±2%*** |
| **1N4755 43V** | **1N4756 47V** |  |  |
|  |  |  |  |
| **Silicon Planar Zener Diode** | **Silicon Planar Zener Diode** |  |  |
| VZ = ***43V***  IZM = ***22mA*** IZSM = ***110mA***  VF at IF= 200mA = ***1.2V***  Ptot = ***1W***  RѲJA = ***170 K/W***  TSTG =  **-*65 to +200 ⁰C***  VZ Tol. Suffix = ***A*** for ***±5%*, *B*** for ***±2%*** | VZ = ***47V***  IZM = ***19mA*** IZSM = ***95mA***  VF at IF= 200mA = ***1.2V***  Ptot = ***1W***  RѲJA = ***170 K/W***  TSTG =  **-*65 to +200 ⁰C***  VZ Tol. Suffix = ***A*** for ***±5%*, *B*** for ***±2%*** |  |  |
| **1N5233B-TAP 6V** |  |  |  |
|  |  |  |  |
| **Small Signal Zener Diode** |  |  |  |
| VZ = **6 V** VF = **1.1 V**  IZ = **Ptot/VZ** IZ = **5 µA**  RѲJA = **300 K/W** Ptot = **1500 mW**  TSTG =  **-65 to 175 ⁰C**  VZ Tol. Suffix = **B** for **±5%, C** for **±2%** |  |  |  |