

Zener Regulator Diodes



| Part Number | Microsemi Division | Package Outline | Type | Mil Spec | Data Sheet ID | Power (W) | Vz (V) | Izt (mA) | Zzt (Ω) | Zzk (Ω) | IR (uA) | VR (V) | Tol. (+/-%) |
|----------------|--------------------|-----------------|------|----------|---------------|-----------|--------|----------|---------|---------|---------|--------|-------------|
| JANTXV1N4491US | Santa Ana | A SQ. MELF | SM | 406 | 10557 | 1.5 | 120 | 2 | 400 | 4500 | 0.25 | 96 | 5 |
| 1N5952A | Scottsdale | DO-41 | STD | | 4096 | 1.5 | 130 | 2.9 | 450 | 5000 | 1 | 98.8 | 10 |
| 1N5952B | Scottsdale | DO-41 | STD | | 4097 | 1.5 | 130 | 2.9 | 450 | 5000 | 1 | 98.8 | 5 |
| 1N5952C | Scottsdale | DO-41 | STD | | 4098 | 1.5 | 130 | 2.9 | 450 | 5000 | 1 | 98.8 | 2 |
| 1N5952D | Scottsdale | DO-41 | STD | | 4099 | 1.5 | 130 | 2.9 | 450 | 5000 | 1 | 98.8 | 1 |
| MLL5952B | Scottsdale | DO-213AB | SM | | 12969 | 1.5 | 130 | 2.9 | 450 | 5000 | 1 | 98.9 | 5 |
| MLL5952B-1 | Scottsdale | DO-213AA | SM | | 21573 | 1.5 | 130 | 2.9 | 450 | 5000 | 1 | 98.9 | 5 |
| MLL5952C | Scottsdale | DO-213AB | SM | | 12970 | 1.5 | 130 | 2.9 | 450 | 5000 | 1 | 98.9 | 2 |
| MLL5952C-1 | Scottsdale | DO-213AA | SM | | 21581 | 1.5 | 130 | 2.9 | 450 | 5000 | 1 | 98.9 | 2 |
| MLL5952D | Scottsdale | DO-213AB | SM | | 12971 | 1.5 | 130 | 2.9 | 450 | 5000 | 1 | 98.9 | 1 |
| MLL5952D-1 | Scottsdale | DO-213AA | SM | | 21589 | 1.5 | 130 | 2.9 | 450 | 5000 | 1 | 98.9 | 1 |
| SMBJ5952B | Scottsdale | SMBJ | SM | | 15252 | 1.5 | 130 | 2.9 | 450 | 5000 | 1 | 98.8 | 5 |
| 1N4492 | Santa Ana | A | STD | | 2530 | 1.5 | 130 | 1.9 | 500 | 5000 | 0.25 | 104 | 5 |
| 1N4492US | Santa Ana | Sq. Melf | STD | | 2531 | 1.5 | 130 | 1.9 | 500 | 5000 | 0.25 | 104 | 5 |
| JAN1N4492 | Santa Ana | A | STD | 406 | 7340 | 1.5 | 130 | 1.9 | 500 | 5000 | 0.25 | 104 | 5 |
| JAN1N4492US | Santa Ana | A SQ. MELF | SM | 406 | 7341 | 1.5 | 130 | 1.9 | 500 | 5000 | 0.25 | 104 | 5 |
| JANS1N4492 | Santa Ana | A | STD | 406 | 8455 | 1.5 | 130 | 1.9 | 500 | 5000 | 0.25 | 104 | |
| JANS1N4492US | Santa Ana | A SQ. MELF | SM | 406 | 8456 | 1.5 | 130 | 1.9 | 500 | 5000 | 0.25 | 104 | |
| JANTX1N4492 | Santa Ana | A | STD | 406 | 9090 | 1.5 | 130 | 1.9 | 500 | 5000 | 0.25 | 104 | 5 |
| JANTX1N4492US | Santa Ana | A SQ. MELF | SM | 406 | 9091 | 1.5 | 130 | 1.9 | 500 | 5000 | 0.25 | 104 | 5 |
| JANTXV1N4492 | Santa Ana | A | STD | 406 | 10558 | 1.5 | 130 | 1.9 | 500 | 5000 | 0.25 | 104 | 5 |
| JANTXV1N4492US | Santa Ana | A SQ. MELF | SM | 406 | 10559 | 1.5 | 130 | 1.9 | 500 | 5000 | 0.25 | 104 | 5 |
| 1N5953A | Scottsdale | DO-41 | STD | | 4100 | 1.5 | 150 | 2.5 | 600 | 6000 | 1 | 114 | 10 |
| 1N5953B | Scottsdale | DO-41 | STD | | 4101 | 1.5 | 150 | 2.5 | 600 | 6000 | 1 | 114 | 5 |
| 1N5953C | Scottsdale | DO-41 | STD | | 4102 | 1.5 | 150 | 2.5 | 600 | 6000 | 1 | 114 | 2 |
| 1N5953D | Scottsdale | DO-41 | STD | | 4103 | 1.5 | 150 | 2.5 | 600 | 6000 | 1 | 114 | 1 |
| MLL5953B | Scottsdale | DO-213AB | SM | | 12972 | 1.5 | 150 | 2.5 | 600 | 6000 | 1 | 114 | 5 |
| MLL5953B-1 | Scottsdale | DO-213AA | SM | | 21574 | 1.5 | 150 | 2.5 | 600 | 6000 | 1 | 114 | 5 |
| MLL5953C | Scottsdale | DO-213AB | SM | | 12973 | 1.5 | 150 | 2.5 | 600 | 6000 | 1 | 114 | 2 |
| MLL5953C-1 | Scottsdale | DO-213AA | SM | | 21582 | 1.5 | 150 | 2.5 | 600 | 6000 | 1 | 114 | 2 |
| MLL5953D | Scottsdale | DO-213AB | SM | | 12974 | 1.5 | 150 | 2.5 | 600 | 6000 | 1 | 114 | 1 |
| MLL5953D-1 | Scottsdale | DO-213AA | SM | | 21590 | 1.5 | 150 | 2.5 | 600 | 6000 | 1 | 114 | 1 |
| SMBJ5953B | Scottsdale | SMBJ | SM | | 15253 | 1.5 | 150 | 2.5 | 600 | 6000 | 1 | 114 | 5 |
| 1N4493 | Santa Ana | A | STD | | 2532 | 1.5 | 150 | 1.7 | 700 | 6000 | 0.25 | 120 | 5 |
| 1N4493US | Santa Ana | Sq. Melf | STD | | 2533 | 1.5 | 150 | 1.7 | 700 | 6000 | 0.25 | 120 | 5 |
| JAN1N4493 | Santa Ana | A | STD | 406 | 7342 | 1.5 | 150 | 1.7 | 700 | 6000 | 0.25 | 120 | 5 |
| JAN1N4493US | Santa Ana | A SQ. MELF | SM | 406 | 7343 | 1.5 | 150 | 1.7 | 700 | 6000 | 0.25 | 120 | 5 |
| JANS1N4493 | Santa Ana | A | STD | 406 | 8457 | 1.5 | 150 | 1.7 | 700 | 6000 | 0.25 | 120 | |
| JANS1N4493US | Santa Ana | A SQ. MELF | SM | 406 | 8458 | 1.5 | 150 | 1.7 | 700 | 6000 | 0.25 | 120 | |
| JANTX1N4493 | Santa Ana | A | STD | 406 | 9092 | 1.5 | 150 | 1.7 | 700 | 6000 | 0.25 | 120 | 5 |
| JANTX1N4493US | Santa Ana | A SQ. MELF | SM | 406 | 9093 | 1.5 | 150 | 1.7 | 700 | 6000 | 0.25 | 120 | 5 |
| JANTXV1N4493 | Santa Ana | A | STD | 406 | 10560 | 1.5 | 150 | 1.7 | 700 | 6000 | 0.25 | 120 | 5 |
| JANTXV1N4493US | Santa Ana | A SQ. MELF | SM | 406 | 10561 | 1.5 | 150 | 1.7 | 700 | 6000 | 0.25 | 120 | 5 |
| 1N5954A | Scottsdale | DO-41 | STD | | 4104 | 1.5 | 160 | 2.3 | 700 | 6500 | 1 | 122 | 10 |
| 1N5954B | Scottsdale | DO-41 | STD | | 4105 | 1.5 | 160 | 2.3 | 700 | 6500 | 1 | 122 | 5 |
| 1N5954C | Scottsdale | DO-41 | STD | | 4106 | 1.5 | 160 | 2.3 | 700 | 6500 | 1 | 122 | 2 |



Section Organization: Zener Parametric Section is organized by ascending Power (watts), followed by ascending Vz (volts)

- General Notes:
1. Information on contacting Microsemi Divisions can be obtained on the back cover of this catalog
 2. Type specifies "STD" - Standard, "SM" - Surface Mount, "DIE" - Die Form
 3. Datasheets can be obtained from Microsemi's Website or Fax on Demand System by specifying the Data Sheet ID