

silicon diodes

| Type | Maximum Peak Reverse Voltage (volts) | Maximum Forward Voltage (volts) | Forward Current (mA) | Reverse Current (μ A) 25°C | Reverse Current (μ A) 150°C (See Notes) | Reverse Voltage (volts) | Capacitance (pf) | Recovery Time (μ sec) | Power Dissipation (mW) | Case Style |
|---------|--------------------------------------|---------------------------------|----------------------|---------------------------------|--|-------------------------|------------------|----------------------------|------------------------|------------|
| 1N42A | 5.0 | 0.5 | 15 | 15 | — | — | — | — | — | — |
| 1N194 | 50 | 2.0 | 1.5 | 60 | 600 | 0.5 | — | — | 250 | DO-7 |
| 1N194A | 56 | 1.0 | 40 | — | — | 40 | — | 0.1 | 250 | DO-7 |
| 1N185 | 50 | 2.0 | 2.0 | 80 | 700 | 40 | — | 0.1 | 250 | DO-7 |
| 1N198 | 50 | 2.0 | 1.5 | 40 | 500 | 50 | — | 0.1 | 250 | DO-7 |
| 1N200 | 6.8 | 1.0 | 50 | 0.5 | 5 (2) | 6.8 | 50* | — | 150 | DO-7 |
| 1N201 | 8.2 | 1.0 | 35 | 0.5 | 5 (2) | 8.2 | 35* | — | 150 | C-1 |
| 1N202 | 10 | 1.0 | 30 | 0.5 | 5 (2) | 10 | 30* | — | 150 | C-1 |
| 1N203 | 12 | 1.0 | 23 | 0.5 | 5 (2) | 12 | 28* | — | 150 | C-1 |
| 1N204 | 15 | 1.0 | 17 | 0.5 | 5 (2) | 15 | 25* | — | 150 | C-1 |
| 1N205 | 18 | 1.0 | 12 | 0.1 | 10 (2) | 18 | 20* | — | 150 | C-1 |
| 1N206 | 22 | 1.0 | 9 | 0.1 | 10 (2) | 22 | 15* | — | 150 | C-1 |
| 1N207 | 27 | 1.0 | 7 | 0.1 | 10 (2) | 27 | 12* | — | 150 | C-1 |
| 1N208 | 33 | 1.0 | 5.5 | 0.1 | 10 (2) | 33 | 10* | — | 150 | C-1 |
| 1N209 | 39 | 1.0 | 4.5 | 0.1 | 10 (2) | 39 | 8* | — | 150 | C-1 |
| 1N210 | 47 | 1.0 | 3.5 | 0.1 | 10 (2) | 47 | 6* | — | 150 | C-1 |
| 1N211 | 56 | 1.0 | 2.7 | 1.0 | 50 (2) | 56 | 5.6* | — | 150 | C-1 |
| 1N212 | 68 | 1.0 | 2.0 | 1.0 | 50 (2) | 68 | 5.2* | — | 150 | C-1 |
| 1N213 | 82 | 1.0 | 1.5 | 1.0 | 50 (2) | 82 | 4.8* | — | 150 | C-1 |
| 1N214 | 100 | 1.0 | 1.2 | 1.0 | 80 (2) | 100 | 4.5* | — | 150 | C-1 |
| 1N215 | 120 | 1.0 | 0.9 | 1.0 | 80 (2) | 120 | 4.2* | — | 150 | C-1 |
| 1N216 | 150 | 1.0 | 0.7 | 5 | 100 (2) | 150 | 3.8* | — | 150 | C-1 |
| 1N217 | 180 | 4.0 | 6.5 | 5 | 100 (2) | 180 | 3.5* | — | 150 | C-1 |
| 1N218 | 220 | 4.0 | 5.0 | 5 | 100 (2) | 220 | 3.2* | — | 150 | C-1 |
| 1N219 | 270 | 4.0 | 3.0 | 5 | 100 (2) | 270 | 3.0* | — | 150 | C-1 |
| 1N220 | 330 | 4.0 | 2.2 | 5 | 100 (2) | 330 | 2.8* | — | 150 | C-1 |
| 1N221 | 390 | 4.0 | 2.0 | 5 | 100 (2) | 390 | 2.8* | — | 150 | C-1 |
| 1N222 | 470 | 4.0 | 1.5 | 5 | 100 (2) | 470 | 2.4* | — | 150 | C-1 |
| 1N251 | 30 | 1.0 | 5 | 0.1 | 10 (1) | 10 | — | 0.15 | 150 | DO-7 |
| 1N251A | 125 | 1.0 | 10 | 10 | — | 10 | — | — | 250 | DO-7 |
| 1N252 | 20 | 1.0 | 10 | 0.1 | 10 (1) | 10 | — | 0.15 | 150 | DO-7 |
| 1N252A | 125 | 1.0 | 10 | 10 | 50 (1) | 5 | — | — | 250 | DO-7 |
| 1N300 | 15 | 1.0 | 15 | — | 0.1 (2) | 10 | 5.0** | — | 150 | DO-7 |
| 1N301 | 70 | 1.0 | 5 | — | 0.2 (2) | 10 | 4.0** | — | 150 | C-47 |
| 1N301A | 70 | 1.0 | 18 | — | 0.2 (2) | 10 | 5.0** | — | 150 | C-47 |
| 1N302 | 225 | 1.0 | 1 | 0.1 | 0.5 (2) | 10 | 2.0** | — | 150 | C-47 |
| 1N302A | 225 | 1.0 | 5 | 0.1 | 0.5 (2) | 10 | 2.0** | — | 150 | C-47 |
| 1N303 | 125 | 1.0 | 3 | 0.1 | 0.3 (2) | 10 | 3.0** | — | 150 | DO-7 |
| 1N303A | 125 | 1.0 | 12 | 0.1 | 0.3 (2) | 10 | 3.0** | — | 150 | DO-7 |
| 1N303B | 125 | 1.0 | 50 | 0.1 | 0.3 (2) | 10 | 3.0** | — | 150 | DO-7 |
| 1N330 | 32 | 1.0 | 5 | 0.03 | — | 20 | — | — | 150 | DO-7 |
| 1N331 | 16 | 1.0 | 5 | 0.01 | — | 10 | — | — | 150 | DO-7 |
| 1N350 | 70 | 1.0 | 5 | 0.01 | — | 60 | — | — | 150 | C-1b |
| 1N351 | 120 | 1.0 | 20 | 0.03 | 5 (1) | 100 | — | — | 150 | C-1b |
| 1N352 | 170 | 1.0 | 20 | 0.03 | 5 (1) | 150 | — | — | 150 | C-1b |
| 1N353 | 225 | 1.0 | 20 | 0.1 | 10 (1) | 200 | — | — | 150 | C-1b |
| 1N354 | 325 | 1.0 | 20 | 0.1 | 20 (1) | 300 | — | — | 150 | C-1b |
| 1N379 | 8.2 | 1.0 | 35 | 0.5 | 5.0 (2) | 8.2 | — | — | 150 | DO-7 |
| 1N380 | 10 | 1.0 | 30 | 0.5 | 5.0 (2) | 10 | — | — | 150 | DO-7 |
| 1N381 | 12 | 1.0 | 23 | 0.5 | 5.0 (2) | 12 | — | — | 150 | DO-7 |
| 1N382 | 15 | 1.0 | 17 | 0.5 | 5.0 (2) | 15 | — | — | 150 | DO-7 |
| 1N383 | 18 | 1.0 | 12 | 0.1 | 10 (2) | 18 | — | — | 150 | DO-7 |
| 1N384 | 22 | 1.0 | 9.0 | 0.1 | 10 (2) | 22 | — | — | 150 | DO-7 |
| 1N385 | 27 | 1.0 | 7.0 | 0.1 | 10 (2) | 27 | — | — | 150 | DO-7 |
| 1N386 | 33 | 1.0 | 5.5 | 0.1 | 10 (2) | 33 | — | — | 150 | DO-7 |
| 1N387 | 39 | 1.0 | 4.5 | 0.1 | 10 (2) | 39 | — | — | 150 | DO-7 |
| 1N388 | 47 | 1.0 | 3.5 | 0.1 | 10 (2) | 47 | — | — | 150 | DO-7 |
| 1N389 | 56 | 1.0 | 2.7 | 1.0 | 50 (2) | 56 | — | — | 150 | DO-7 |
| 1N390 | 68 | 1.0 | 2.0 | 1.0 | 50 (2) | 68 | — | — | 150 | DO-7 |
| 1N391 | 82 | 1.0 | 1.5 | 1.0 | 50 (2) | 82 | — | — | 150 | DO-7 |
| 1N392 | 100 | 1.0 | 1.2 | 1.0 | 50 (2) | 300 | — | — | 150 | DO-7 |
| 1N393 | 120 | 1.0 | 0.8 | 1.0 | 50 (2) | 120 | — | — | 150 | DO-7 |
| 1N394 | 150 | 1.0 | 0.7 | 5.0 | 100 (2) | 150 | — | — | 150 | DO-7 |
| 1N431 | 68 | — | 10 | — | 1.0 (3) | 68 | — | — | 150 | C-1 |
| 1N432 | 40 | 1.0 | 10 | — | 3 | 10 | 4 | .003 | 250 | C-47 |
| 1N432A | 40 | 1.0 | 20 | — | 3 | 10 | 4 | .003 | — | C-47 |
| 1N432B | 40 | 1.0 | 50 | — | 7 | 10 | 5.5 | .003 | — | C-47 |
| 1N433 | 145 | 1.0 | 3.0 | — | 7 | 10 | 1.3 | .003 | — | C-47 |
| 1N433A | 145 | 1.0 | 10 | — | 7 | 10 | 1.5 | .003 | — | C-47 |
| 1N433B | 145 | 1.0 | 50 | — | 7 | 10 | 1.5 | .003 | — | C-47 |
| 1N434 | 180 | 1.0 | 2 | — | 0.4 (2) | 10 | 1.0 | — | 250 | C-47 |
| 1N434A | 180 | 1.0 | 7 | — | 0.4 (2) | 10 | 1.3 | — | 250 | C-47 |
| 1N458 | 30 | 1.0 | 40 | — | 5 | 25 | — | .003 | — | DO-35 |
| 1N458A | 30 | 1.0 | 100 | .025 | 5 | 25 | — | — | 250 | DO-35 |
| 1N458AM | 30 | 1.0 | 100 | .025 | 5 | 25 | — | — | 250 | DO-35 |

Notes: (1) +125°C (2) +100°C (3) +80°C

* @ 6V test voltage
† mA

** @ 10V test voltage

TOLL FREE NUMBER 800-777-3960

silicon diodes cont'd

| Type | Maximum Peak Reverse Voltage (volts) | Maximum Forward Voltage (volts) | Forward Current (mA) | Reverse Current (μA) 25°C | Reverse Current (μA) 150°C (See Notes) | Reverse Voltage (volts) | Capacitance (pF) | Recovery Time (μsec) | Power Dissipation (mW) | Case Style |
|---------|--------------------------------------|---------------------------------|----------------------|---------------------------|--|-------------------------|------------------|----------------------|------------------------|------------|
| 1N457 | 70 | 1.0 | 20 | .025 | 5 | 60 | — | — | 250 | DO-35 |
| 1N457A | 70 | 1.0 | 100 | .025 | 5 | 60 | — | — | 250 | DO-35 |
| 1N457AM | 70 | 1.0 | 300 | .025 | 5 | 60 | — | — | 300 | DO-35 |
| 1N457M | 80 | 1.0 | 20 | .025 | 5 | 60 | — | — | 200 | DO-35 |
| 1N458 | 150 | 1.0 | 7 | .025 | 5 | 125 | — | — | 250 | DO-35 |
| 1N458A | 150 | 1.0 | 100 | .025 | 5 | 125 | — | — | 250 | DO-35 |
| 1N458AM | 150 | 1.0 | 100 | .025 | 5 | 125 | — | — | 300 | DO-35 |
| 1N458M | 175 | 1.0 | 7 | .025 | 5 | 125 | — | — | 250 | DO-35 |
| 1N459 | 200 | 1.0 | 3 | .025 | 5 | 175 | — | — | 250 | DO-35 |
| 1N459A | 200 | 1.0 | 100 | .025 | 5 | 175 | — | — | 250 | DO-35 |
| 1N460A | 90 | 1.0 | 1.5 | — | 10 | 75 | 4.5 | 2.0 | — | DO-35 |
| 1N460B | 90 | 1.0 | 50 | — | 10 | 75 | 5.0 | 2.0 | — | DO-35 |
| 1N461 | 30 | 1.0 | 15 | 0.5 | 30 | 25 | — | — | 250 | DO-7 |
| 1N461A | 30 | 1.0 | 100 | 0.5 | 30 | 25 | — | — | 250 | DO-7 |
| 1N461AM | 30 | 1.0 | 100 | 0.5 | 30 | 25 | — | — | 300 | DO-7 |
| 1N461M | 30 | 1.0 | 15 | 0.5 | 30 | 25 | — | — | 300 | DO-7 |
| 1N462 | 70 | 1.0 | 5 | 0.5 | 30 | 60 | — | — | 250 | DO-7 |
| 1N462A | 70 | 1.0 | 100 | 0.5 | 30 | 60 | — | — | 250 | DO-7 |
| 1N462AM | 70 | 1.0 | 100 | 0.5 | 30 | 60 | — | — | 300 | DO-7 |
| 1N462M | 70 | 1.0 | 5 | 0.5 | 30 | 60 | — | — | 300 | DO-7 |
| 1N463 | 200 | 1.0 | 1 | .5 | 30 | 175 | — | — | 250 | DO-7 |
| 1N463A | 200 | 1.0 | 100 | .5 | 30 | 175 | — | — | 250 | DO-7 |
| 1N464 | 150 | 1.0 | 3 | .5 | 30 | 125 | — | — | 250 | DO-7 |
| 1N464A | 150 | 1.0 | 100 | .5 | 30 | 125 | — | — | 250 | DO-7 |
| 1N462 | 40 | 1.1 | 100 | .25 | 30 | 30 | — | — | 250 | DO-7 |
| 1N482A | 40 | 1.0 | 100 | .025 | 15 | 30 | — | — | 250 | DO-7 |
| 1N482B | 40 | 1.0 | 100 | .025 | 5 | 30 | — | — | 250 | DO-7 |
| 1N482BM | 40 | 1.0 | 100 | .025 | 5 | 30 | — | — | 300 | DO-7 |
| 1N482C | 36 | 1.0 | 100 | .025 | — | 30 | — | — | 300 | DO-7 |
| 1N482M | 40 | 1.1 | 100 | .25 | 30 | 30 | — | — | 300 | DO-7 |
| 1N483 | 80 | 1.1 | 100 | .25 | 30 | 60 | — | — | 250 | DO-7 |
| 1N483A | 80 | 1.0 | 100 | .025 | 15 | 60 | — | — | 250 | DO-7 |
| 1N483AM | 80 | 1.0 | 100 | .025 | 15 | 60 | — | — | 300 | DO-7 |
| 1N483B | 80 | 1.0 | 100 | .025 | 5 | 60 | — | — | 250 | DO-7 |
| 1N483BM | 80 | 1.0 | 100 | .025 | 5 | 60 | — | — | 300 | DO-7 |
| 1N483C | 70 | 1.0 | 100 | .005 | — | 60 | — | — | 300 | DO-7 |
| 1N483M | 80 | 1.0 | 100 | .25 | 30 | 60 | — | — | 300 | DO-7 |
| 1N484 | 150 | 1.1 | 100 | .25 | 30 | 125 | — | — | 250 | DO-7 |
| 1N484A | 150 | 1.0 | 100 | .025 | 15 | 125 | — | — | 250 | DO-7 |
| 1N484B | 150 | 1.0 | 100 | .025 | 5 | 125 | — | — | 250 | DO-7 |
| 1N484C | 130 | 1.0 | 100 | .005 | — | 125 | — | — | — | DO-7 |
| 1N485 | 200 | 1.1 | 100 | .25 | 30 | 175 | — | — | 250 | DO-7 |
| 1N485A | 200 | 1.0 | 100 | .025 | 15 | 175 | — | — | 250 | DO-7 |
| 1N485B | 200 | 1.0 | 100 | .025 | 5 | 175 | — | — | 250 | DO-7 |
| 1N485C | 180 | 1.0 | 100 | .005 | — | 175 | — | — | 250 | DO-7 |
| 1N486 | 250 | 1.1 | 100 | .25 | 50 | 225 | — | — | 250 | DO-7 |
| 1N486A | 250 | 1.0 | 100 | .05 | 25 | 225 | — | — | 250 | DO-7 |
| 1N486B | 250 | 1.0 | 100 | .05 | 10 | 225 | — | — | 250 | DO-7 |
| 1N487 | 330 | 1.1 | 100 | .25 | 50 | 300 | — | — | 250 | DO-7 |
| 1N487A | 330 | 1.0 | 100 | 0.1 | 25 | 300 | — | — | 250 | DO-7 |
| 1N487B | 300 | 1.0 | 100 | .025 | 10 | 300 | — | — | — | DO-7 |
| 1N488 | 420 | 1.1 | 100 | .25 | 50 | 380 | — | — | 250 | DO-7 |
| 1N488A | 420 | 1.0 | 100 | 0.1 | 25 | 380 | — | — | 250 | DO-7 |
| 1N488B | 380 | 1.0 | 100 | 0.1 | 10 | 380 | — | — | 250 | DO-7 |
| 1N619 | 30 | 1.0 | 3 | .05 | 16 (2) | 10 | — | — | — | DO-7 |
| 1N625 | 35 | 1.5 | 4 | 1.0 | 30 | 20 | — | 1.0 | 200 | DO-7 |
| 1N625A | 20 | 1.5 | 10 | 0.1 | 30 | 20 | — | 0.5 | 200 | DO-7 |
| 1N626 | 50 | 1.5 | 4 | 1.0 | 30 | 35 | — | 1.0 | 200 | DO-7 |
| 1N626A | 35 | 1.5 | 10 | 0.1 | 30 | 35 | — | 0.5 | 200 | DO-7 |
| 1N627 | 100 | 1.5 | 4 | 1.0 | 30 | 75 | — | 1.0 | 200 | DO-7 |
| 1N627A | 75 | 1.5 | 10 | 0.1 | 30 | 75 | — | 0.5 | 200 | DO-7 |
| 1N628 | 180 | 1.5 | 4 | 1.0 | 30 | 125 | — | 1.0 | 200 | DO-7 |
| 1N629 | 200 | 1.5 | 4 | 1.0 | 30 | 175 | — | 1.0 | 200 | DO-7 |
| 1N643 | 200 | 1.0 | 10 | .025 | 5 (1) | 10 | — | 0.3 | 200 | DO-7 |
| 1N643A | 200 | 1.0 | 100 | .025 | 5 (2) | 10 | — | — | 200 | DO-7 |
| 1N645 | 275 (2) | 1.0 | 400 | 0.2 | 15 (2) | 275 | — | — | 400 | DO-7 |
| 1N645A | 225 | 1.0 | 400 | 0.2 | — | 225 | — | — | 600 | DO-7 |
| 1N646 | 360 (2) | 1.0 | 400 | 0.2 | 15 (2) | 360 | — | — | 400 | DO-7 |
| 1N647 | 480 (2) | 1.0 | 400 | 0.2 | 20 (2) | 480 | — | — | 400 | DO-7 |
| 1N648 | 600 (2) | 1.0 | 400 | 0.2 | 20 (2) | 600 | — | — | 400 | DO-7 |
| 1N649 | 720 (2) | 1.0 | 400 | 0.2 | 25 (2) | 720 | — | — | 400 | DO-7 |
| 1N658 | 120 | 1.0 | 100 | .05 | 25 | 50 | — | 0.3 | 200 | DO-7 |
| 1N658A | 120 | 1.0 | 100 | .025 | 10 | 50 | — | 0.3 | 200 | DO-7 |
| 1N659 | 55 | 1.0 | 5 | 5 | 25 (2) | 50 | — | 0.3 | 200 | DO-7 |
| 1N659A | 50 | 1.0 | 10 | .05 | 50 | 50 | — | 0.3 | 200 | DO-7 |

Notes: (1) +125°C (2) +100°C

silicon diodes cont'd

| Type | Maximum Peak Reverse Voltage (volts) | Maximum Forward Voltage (volts) | Forward Current (mA) | Reverse Current (μA) 25°C | Reverse Current (μA) 150°C (See Notes) | Reverse Voltage (volts) | Capacitance (pF) | Recovery Time (μsec) | Power Dissipation (mW) | Case Style |
|--------|--------------------------------------|---------------------------------|----------------------|---------------------------|--|-------------------------|------------------|----------------------|------------------------|------------|
| 1N903A | — | 1.0 | 20 | 0.1 | 10 (2) | 40 | — | 4 | 250 | DO-7 |
| 1N904 | — | 1.0 | 10 | 0.1 | 10 (2) | 30 | — | — | 250 | DO-7 |
| 1N904A | 40 | 1.0 | 20 | 0.1 | 10 (2) | 30 | 1.0 | .004 | 250 | DO-7 |
| 1N905 | — | 1.0 | 10 | 0.1 | 10 (2) | 30 | 1.0 | .004 | 250 | DO-7 |
| 1N905A | 30 | 1.0 | 20 | 0.1 | 10 (2) | 20 | 1.0 | .004 | 250 | DO-7 |
| 1N906 | — | 1.0 | 10 | 0.1 | 10 (2) | 20 | 2.5 | .004 | 250 | DO-7 |
| 1N906A | — | 1.0 | 90 | 0.1 | 10 (2) | 20 | 2.5 | .004 | 250 | DO-7 |
| 1N907 | — | 1.0 | 10 | 0.1 | 10 (2) | 30 | 2.5 | .004 | 250 | DO-7 |
| 1N907A | — | 1.0 | 20 | 0.1 | 10 (2) | 30 | 2.5 | .004 | 250 | DO-7 |
| 1N908 | — | 1.0 | 30 | 0.1 | 10 (2) | 40 | 2.5 | .004 | 250 | DO-7 |
| 1N908A | — | 1.0 | 20 | 0.1 | 10 (2) | 40 | 2.5 | .004 | 250 | DO-7 |
| 1N914 | 100 | 1.0 | 10 | .025 | 50 (2) | 40 | 2.5 | .004 | 250 | DO-7 |
| 1N914A | 100 | 1.0 | 20 | .025 | 50 | 20 | 4.0 | .004 | 250 | DO-35 |
| 1N914B | 100 | 1.0 | 100 | .025 | 50 | 20 | 4.0 | .004 | 250 | DO-35 |
| 1N915 | 50 | 1.0 | 50 | .025 | 50 | 20 | 4.0 | .004 | 250 | DO-35 |
| 1N916 | 100 | 1.0 | 10 | .025 | 50 (2) | 10 | 4.0 | .01 | — | DO-35 |
| 1N916A | 100 | 1.0 | 20 | .025 | 50 | 20 | 2.0 | .004 | 250 | DO-35 |
| 1N916B | 75 | 1.0 | 20 | .025 | 50 | 20 | 2.0 | .004 | 250 | DO-35 |
| 1N917 | 30 | 1.0 | 10 | .05 | — | 10 | 2.0 | .004 | 250 | DO-35 |
| 1N920 | 36 | 1.0 | 500 | 0.25 | — | 30 | — | 0.3 | 250 | DO-35 |
| 1N921 | 70 | 1.0 | 500 | 0.25 | — | 60 | — | 0.3 | 250 | DO-7 |
| 1N922 | 100 | 1.0 | 500 | 0.25 | — | 90 | — | 0.3 | 250 | DO-7 |
| 1N923 | 130 | 1.0 | 500 | 0.25 | — | 120 | — | 0.3 | 250 | DO-7 |
| 1N925 | 40 | 1.0 | 5 | 1.0 | 20 (2) | 10 | 4.0 | .15 | 250 | DO-7 |
| 1N926 | 40 | 1.0 | 5 | 0.1 | 10 (2) | 10 | 4.0 | .15 | 250 | DO-7 |
| 1N927 | 65 | 1.0 | 10 | 0.1 | 10 (2) | 30 | — | .15 | 250 | DO-7 |
| 1N928 | — | 1.0 | 10 | 0.1 | 10 (2) | 30 | 4.0 | .15 | 250 | DO-7 |
| 1N929 | 20 | 1.0 | 20 | — | — | 10/100 | — | — | 250 | DO-7 |
| 1N930 | 50 | 1.0 | 20 | 100 | — | 25 | — | — | 80 | DO-7 |
| 1N931 | 100 | 1.0 | 20 | 100 | — | 75 | — | — | 80 | DO-7 |
| 1N932 | 200 | 1.0 | 20 | 100 | — | 125 | — | — | — | DO-7 |
| 1N934 | 70 | 1.0 | 30 | — | — | 200 | — | — | — | DO-7 |
| 1N948 | 40 | 1.5 | 100 | .025 | — | 60 | — | — | — | DO-7 |
| 1N950 | 8 | 1.5 | 10 | 0.35 | — | 30 | — | 1.0 | 250 | DO-7 |
| 1N997 | 35 | 1.0 | 10 | 1.0 | — | 6 | — | .004 | 50 | DO-7 |
| 1N3062 | 75 @ 5μA | 1.0 | 20 | 0.1 | 100 | 50 | 1 | .002 | 250 | DO-7 |
| 1N3063 | 75 | 0.85 | 10 | 0.1 | 100 | 50 | 2 | .004 | 250 | DO-7 |
| 1N3064 | 75 | 1.0 | 10 | 0.1 | 100 | 50 | 2 | .004 | 250 | DO-7 |
| 1N3065 | 75 | 1.0 | 20 | 0.1 | 100 | 50 | 1.5 | .004 | 250 | DO-7 |
| 1N3066 | 75 | 1.0 | 10 | 0.1 | 100 | 50 | 1 | .002 | 250 | DO-7 |
| 1N3067 | 30 | 1.0 | 5 | 0.1 | 100 | 20 | 4 | .004 | 250 | DO-7 |
| 1N3068 | 30 | 1.0 | 5 | 0.1 | 100 | 20 | 6 | .050 | 250 | DO-7 |
| 1N3069 | 65 | 1.0 | 50 | 0.1 | 100 | 50 | 6 | .050 | 250 | DO-7 |
| 1N3070 | 200 | 1.0 | 100 | 0.1 | 100 | 175 | 5 | .050 | 250 | DO-7 |
| 1N3071 | 200 | 1.0 | 100 | 0.1 | 100 | 150 | 5 | .050 | — | DO-7 |
| 1N3123 | 40 | 1.5 | 10 | 0.1 | 10 (2) | 40 | 0.8 | .004 | — | DO-7 |
| 1N3124 | 40 | 1.0 | 20 | 0.1 | — | 40 | 2.0 | .004 | — | DO-7 |
| 1N3257 | 100 | 1.0 | 30 | .025 | 25 | 20/50 | 2 | .003 | 250 | DO-7 |
| 1N3258 | 100 | 1.0 | 100 | .025 | 25 | 20/50 | 4 | .004 | 250 | DO-7 |
| 1N3550 | 180 | 1.0 | 500 | — | 200 (2) | 100 | — | 1.5 | — | DO-7 |
| 1N3596 | 20 | 1.0 | 30 | 0.1 | 100 | 20 | 1.0 | .004 | — | DO-7 |
| 1N3597 | 150 | 1.2 | 490 | 0.1 | 100 | 150 | 5.0 | 0.3 | — | DO-7 |
| 1N3598 | 50 | 0.85 | 10 | 0.1 | 100 | 50 | 2.0 | .04 | — | DO-7 |
| 1N3599 | 150 | 1.0 | 100 | 0.1 | 100 | 150 | 5.0 | .05 | — | DO-7 |
| 1N3600 | 50 | 1.0 | 200 | 0.1 | 100 | 50 | 2.5 | .004 | 250 | DO-7 |
| 1N3601 | 75 | 1.0 | 10 | 1.0 | 100 | 75 | 3.0 | .005 | — | DO-7 |
| 1N3602 | 75 | 1.0 | 20 | 0.1 | — | 50 | 3.0 | .005 | — | DO-7 |
| 1N3604 | 75 | 1.0 | 50 | .05 | 50 | 50 | 2 | .004 | 250 | DO-7 |
| 1N3605 | 30 | 0.55 | 0.1 | .05 | 50 | 30 | 2 | .002 | — | DO-7 |
| 1N3606 | 50 | 0.55 | 0.1 | .05 | 50 | 50 | 2 | .002 | — | DO-7 |
| 1N3643 | 1000 | 5.0 | 250 | 5.0 | — | 1000 | — | — | 1000 | A-83a |
| 1N3644 | 1500 | 5.0 | 250 | 5.0 | — | 1500 | — | — | 1000 | A-83a |
| 1N3645 | 2000 | 5.0 | 250 | 5.0 | — | 2000 | — | — | 1000 | A-83a |
| 1N3646 | 2500 | 5.0 | 250 | 5.0 | — | 2500 | — | — | 1000 | A-83a |
| 1N3647 | 3000 | 5.0 | 250 | 5.0 | — | 3000 | — | — | 1000 | A-83a |
| 1N3668 | 30 | 1.0 | 5 | — | 10 (1) | 15 | 1.0 | 0.15 | — | DO-7 |
| 1N3731 | 100 | 1.0 | 100 | .05 | 50 | 50 | 2 | .003 | 250 | DO-7 |
| 1N3872 | 50 | 1.0 | 150 | 0.1 | — | 75 | 5.0 | .015 | — | DO-7 |
| 1N3958 | 100 | 0.5 | 1.25 | — | 400 | 100 | — | 3.0 | — | DO-4 |
| 1N3959 | 200 | 0.5 | 1.25 | — | 400 | 200 | — | 3.0 | — | DO-4 |
| 1N3960 | 300 | 0.5 | 1.25 | — | 400 | 300 | — | 3.0 | — | DO-4 |
| 1N3961 | 400 | 0.5 | 1.25 | — | 400 | 400 | — | 3.0 | — | DO-4 |
| 1N3962 | 500 | 0.5 | 1.25 | — | 400 | 500 | — | 3.0 | — | DO-4 |
| 1N3963 | 600 | 0.5 | 1.25 | — | 400 | 600 | — | 3.0 | — | DO-4 |
| 1N3962 | 4000 | 5.0 | 250 | — | — | — | — | — | 1000 | A-83a |

Notes: (2) +100°C (5) +50°C 1 mA

TOLL FREE NUMBER 800-777-3960

silicon diodes cont'd

| Type | Maximum Peak Reverse Voltage (volts) | Maximum Forward Voltage (volts) | Forward Current (mA) | Reverse Current (μA) 25°C | Reverse Current (μA) 150°C (See Notes) | Reverse Voltage (volts) | Capacitance (pF) | Recovery Time (μsec) | Power Dissipation (mW) | Case Style |
|----------|--------------------------------------|-----------------------------------|----------------------|---------------------------|--|-------------------------|------------------|----------------------|------------------------|------------|
| 1N4000 | 35 | 1.0 | 30 | 0.1 | 100 | 25 | 4 | .004 | 250 | DO-7 |
| 1N4007 | — | .700 min./ .750 max. .975 max. | 5 30 | .09 | 100 | 50 | 1.8 | .030 | 250 | DO-7 |
| 1N4092 | 50 | 1.0 | 5 | 1.0 | — | 10 | 10 | — | 250 | DO-7 |
| | — | — | — | — | 5 (4) | 20 | — | — | — | DO-7 |
| 1N4147 | 30 | 1.0 | 30 | 5 | — | 30 | 6.0 | .01 | — | DO-7 |
| 1N4148 | 100 | 1.0 | 10 | .025 | 50 | 20 | 4 | — | 400 | DO-35 |
| 1N4149 | 100 | 1.0 | 10 | .025 | 50 | 20 | 2 | — | 400 | DO-35 |
| 1N4150 | 50 | .54 min./ .62 max. | 1.0 | 0.1 | 100 | 50 | 2.5 | — | 400 | DO-35 |
| 1N4151 | 75 | 1.0 | 50 | .05 | 50 | 50 | 2 | — | 400 | DO-35 |
| 1N4152 | 40 | .490 min./ .550 max. | 0.1 | .05 | 50 | 30 | 2 | — | 400 | DO-35 |
| 1N4153 | 75 | .490 min./ .550 max. | 0.1 | .05 | 50 | 50 | 2 | — | 400 | DO-35 |
| 1N4154 | 35 | 1.0 | 30 | 0.1 | 100 | 25 | 4 | — | 400 | DO-35 |
| 1N4157 | 30 | 2.7 | 100 | .05 | 50 | 20 | 30 | — | 400 | A-159a |
| 1N4242 | 40 | 1.0 | 10 | 0.1 | 100 (2) | 20 | 2.0 | .002 | — | M-117a |
| 1N4243 | 40 | 1.0 | 10 | 0.1 | 100 (2) | 20 | 2.0 | .002 | — | M-117a |
| 1N4305 | 50 | 0.85 | 10 | 0.1 | 100 | 50 | 2.0 | .004 | 400 | DO-35 |
| 1N4306†† | 50 | 0.55 | 0.1 | .05 | .05 | 50 | 1.0 | .002 | — | M-117 |
| 1N4307†† | 50 | 0.55 | 0.1 | .05 | .05 | 50 | 1.0 | .002 | — | M-118 |
| 1N4308 | 100 | 0.53 | 0.25 | 0.1 | 0.1 | 75 | 2.0 | .002 | — | DO-7 |
| 1N4376 | 20 | 1.1 | 50 | 0.1 | 0.1 | 10 | 1.0 | .00075 | — | DO-7 |
| 1N4389 | 5.0 | 1.0 | 2.0 | 100 | — | 5.0 | — | — | — | DO-7 |
| 1N4390 | 20 | 1.0 | 5.0 | 0.2 | 2 (2) | 5.0 | 1.0 | .0005 | — | DO-7 |
| 1N4391 | 20 | 1.0 | 2.0 | 0.2 | 2 (2) | 5.0 | 1.0 | .0005 | — | DO-7 |
| 1N4392 | 15 | 1.0 | 2.0 | 1.0 | 20 (2) | 5.0 | 1.0 | .0005 | — | DO-7 |
| 1N4445 | 100 | 1.0 | 20 | .025 | .05 | 20 | 4.0 | .004 | 250 | DO-7 |
| 1N4447 | 100 | 1.0 | 20 | .025 | 50 | 20 | 2.0 | .004 | 250 | DO-7 |
| 1N4448 | 100 | 1.0 | 100 | .025 | 50 | 20 | 4.0 | .004 | 250 | DO-7 |
| 1N4449 | 100 | 1.0 | 30 | .025 | 50 | 30 | 2.0 | .004 | 250 | DO-7 |
| 1N4450 | 40 | 1.0 | 200 | .05 | 50 | 30 | 4.0 | .004 | — | A-48bt |
| 1N4451 | 40 | 1.0 | 300 | .05 | 50 | 20 | 6.0 | .01 | — | A-48bt |
| 1N4454 | 75 | 1.0 | 10 | 0.1 | 100 | 50 | 2.0 | 4.0 | 500 | DO-35 |
| 1N4666 | 85 | 1.1 | 250 | 0.1 | 25 @ 100°C | 50 | 2.5 | 4.0 | 500 | DO-35 |

multipellet silicon signal diodes

| Part Number | BV @ 5μA (V) | I _F @ 25°C Max. | | V _R Max. | | C ₀ @ 0V Max. (pF) | t _r (nsec) | Package Type |
|-------------|--------------|----------------------------|----------------------|---------------------|-----------------------|-------------------------------|-----------------------|--------------|
| | | (mA) | @ V _R (V) | (V) | @ I _F (mA) | | | |
| 1N4156 | 30 | 50 | 20 | 1.58 | 10 | 25 | — | DO35 |
| 1N4187 | 30 | 50 | 20 | 2.32 | 10 | 20 | — | DO35 |
| 1N4453 | 30 | 50 | 20 | .800 | 10 | 30 | — | DO35 |
| 1N4428 | 30 | 100 | 20 | .830 | 10 | 35 | — | DO35 |
| 1N4829 | 30 | 100 | 20 | 1.61 | 10 | 25 | — | DO35 |
| 1N4830 | 30 | 100 | 20 | 2.35 | 10 | 20 | — | DO35 |
| 1N5178 | 30 | 50 | 20 | 3.20 | 10 | 20 | — | DO35 |
| MP0200 | 70 | 30 | 30 | 1.54 | 10 | 15 | — | DO35 |
| MP0201 | 50 | 90 | 20 | 1.57 | 10 | 15 | — | DO35 |
| MP0202 | 50 | 90 | 20 | 1.60 | 10 | 15 | — | DO35 |
| MP0203 | 50 | 90 | 20 | 1.51 | 10 | 15 | — | DO35 |
| ST0567 | 50 | 500 | 20 | 1.61 | 10 | 15 | — | DO35 |
| MP0300 | 100 | 30 | 30 | 2.33 | 10 | 10 | — | DO35 |
| MP0301 | 60 | 40 | 20 | 2.32 | 10 | 10 | — | DO35 |
| MP0302 | 60 | 90 | 20 | 2.32 | 10 | 10 | — | DO35 |
| ST0364 | 60 | 500 | 20 | 2.31 | 10 | 10 | — | DO35 |
| MP0400 | 120 | 30 | 30 | 3.07 | 10 | 7 | — | DO35 |
| MP0401 | 75 | 50 | 20 | 3.01 | 10 | 7 | — | DO35 |
| MP0402 | 75 | 90 | 20 | 3.01 | 10 | 7 | — | DO35 |
| ST0569 | 75 | 500 | 20 | 3.01 | 10 | 7 | — | DO35 |

