

2. SILICON REFERENCE DIODES

IN ORDER OF (1) REF. VOLTAGE,
(2) DISSIPATION, and (3) TYPE No.

| LINE No. | 3 TYPE No. | TOLERANCE 1 | | | NOM. REF. VOLT. (V) | 2 MAX. DISS. @ 25°C (W) | TEST CUR. Izt (A) | MAX. DYN. IMP. (Ω) | TEMP. COEFF. Tc (°C) | MAX. TEMP (°C) | DWG. No. | LINE No. | 3 TYPE No. | TOLERANCE 1 | | | NOM. REF. VOLT. (V) | 2 MAX. DISS. @ 25°C (W) | TEST CUR. Izt (A) | MAX. DYN. IMP. (Ω) | TEMP. COEFF. Tc (°C) | MAX. TEMP (°C) | DWG. No. |
|----------|---------------|-------------|----|---|---------------------|----------------------------|-------------------|--------------------|----------------------|----------------|----------|----------|----------------|-------------|-----|-------|---------------------|----------------------------|-------------------|--------------------|----------------------|----------------|----------|
| | | 20 | 10 | ± | | | | | | | | | | 20 | 10 | ± | | | | | | | |
| 1# | MZL308 | 5 | | | 8.0 | 400m | 500u | 60 | 5.2 | 175J | D035 | 105 | LVA82C | 1 | 8.2 | 400m | 1.0m | 100 | 175A | D07 | | | |
| 2# | MZ308,A,B,C | 5 | | | 8.0 | 500m | 10m | 10 | 5.0 | 175J | D035 | 106# | MA1082 | 5 | 8.2 | 400m | 5.0m | 15 | 3.2 | 200J | A24d | | |
| 3 | 1N2035-1 | 5 | | | 8.0 | 750m | 10m | 15 | 6.0 | 150J | DO12 | 107 | MZC8.2A10 | 1 | 8.2 | 400ms | 6.1m | 49 | 6.2 Δ | 175J | u5 | | |
| 4 | 1N2035A | 5 | | | 8.0 | .75 | 10m | 15 | 6.0 | 150J | DO12 | 108 | MZC8.2B10 | 1 | 8.2 | 400ms | 250u | 200 | 8.0 Δ | 200J | D07 | | |
| 5# | MZ408,A,B,C | 5 | | | 8.0 | 1.0 | 20 | 7.0 | 5.0 | 175J | DO41 | 109# | Z5A8.2 | 11 | 8.2 | 400ms | 5.0m | 15 | 8.0 Δ | 200J | D07 | | |
| 6# | SZL8 | 8 | | | 8.0 | 1.3 | 50m | 3.5 | 5.0 | 150J | S442 | 110# | Z5B8.2 | 5 | 8.2 | 400ms | 5.0m | 15 | 8.0 Δ | 200J | D07 | | |
| 7# | VR8F | 5 | | | 8.0 | 2.2 | 20m | 4.0 | 8.7 | 250A | DO3 | 111# | ZF8.2 | 5 | 8.2 | 400m | 5.0m | 7.0 | 5.0 | 150J | D07 | | |
| 8 | 1N2044-1 | 5 | | | 8.0 | 10 | 1 | .80 | 6.0 | 150J | DO4 | 112# | ZG8.2 | 10 | 8.2 | 400m | 5.0m | 7.0 | 4.5 | 150J | D07 | | |
| 9 | BZY88C8V2 | 5 | | | 8.1 | 400m | 5.0m | 20 | 6.0 | 200J | DO7 | 113 | 5M8.2ZS10.5 | xx | 8.2 | 500ms | 20m | 8.0 | 6.2 | 200J | E204a∅ | | |
| 10# | HZ9A-2 | 2 | | | 8.1 | 400m | 5.0m | 20 | 4.2m# | 175J | DO35 | 114 | 1N3401 | 10 | 8.2 | 500m | 10m | 15 | 2.0 | 200S | P5 | | |
| 11# | HZ9LA-2 | 2 | | | 8.1 | 400m | 500u | 60 | 3.5 | 175J | DO35 | 115 | 1N3414 | 10 | 8.2 | .50 | 1.0m | 60 | 2.4 | 200A | P5 | | |
| 12# | WZ0A.1 | 5 | | | 8.1 | 500m | 10m | 10 | 5.0 | 175J | A60m | 116 | 1N5237 | 20 | 8.2 | .50 | 20m | 5.0 | 6.2 | 200A | A398a | | |
| 13# | BZ081 | 5 | | | 8.1 | 1.0 | 30m | 6.0 | 5.0 | 175J | A60t | 117 | 1N5237A | 10 | 8.2 | 500m | 20m | 5.0 | 6.2 | 200A | A398a | | |
| 14 | 11BZP8V2 | 6 | | | 8.2 | 5.0m | 7.0 | 10 | 9.0 Δ | 175J | DO35 | 118 | 1N5237B | 5 | 8.2 | 500m | 20m | 5.0 | 6.2 | 200A | A398a | | |
| 15# | BZX55D8V2 | 10 | | | 8.2 | 5.0m | 7.0 | 10 | | | A1ct | 119 | 1N5853A | 10 | 8.2 | 500m | 20m | 34 | 150C | M859 | | | |
| 16 | TSX6089CHIP | 5 | | | 8.2 | 5.0m | 7.0 | 10 | | | | 120 | 1N5853B | 5 | 8.2 | 500m | 20m | 34 | 150C | M859 | | | |
| 17 | TZPD8.2 | 5 | | | 8.2 | 1.0m | 5.0m | 7.0 | 6.0 | | M911 | 121 | 1N5998 | 20 | 8.2 | 500m | 5.0m | 15 | 200J | DO35 | | | |
| 18# | RZ8.2 | 5 | | | 8.2 | 5.0m | 40 | | | 150A | DO35 | 122 | 1N5998A | 10 | 8.2 | 500m | 5.0m | 7.0 | 200J | DO35 | | | |
| 19# | RZ8.2 | 5 | | | 8.2 | .08 | 5.0m | 40 | | 150A | C18e | 123 | 1N5998B | 5 | 8.2 | 500m | 5.0m | 7.0 | 200J | DO35 | | | |
| 20 | 1N1985 | 10 | | | 8.2 | 150m | 5.0m | 15 | 6.0 | 150 | C1 | 124 | 1N5998C | 2 | 8.2 | 500m | 5.0m | 7.0 | 200J | DO35 | | | |
| 21 | 1N1985A | 5 | | | 8.2 | 150m | 5.0m | 15 | 6.0 | 150 | C1 | 125 | 1N5998D | 1 | 8.2 | 500m | 5.0m | 7.0 | 200J | DO35 | | | |
| 22 | 1N1985B | 1 | | | 8.2 | 150m | 5.0m | 15 | 6.0 | 150 | C1 | 126# | 05Z8.2 | 6.0 | 8.2 | 500m | 5.0m | 20 | 175J | DO35 | | | |
| 23# | AZ8.2 | 5 | | | 8.2 | 15.0m | 5.0m | 20 | | 170A | DO7 | 127# | BZX46C8V2 | 5 | 8.2 | 500m | 15m | 6.5 | 9.0 Δ | 175A | DO35 | | |
| 24# | Z8.2 | 5 | | | 8.2 | 15.0m | 5.0m | 50 | | 170A | DO7 | 128# | BZX55C8V2 | 5 | 8.2 | 500m | 5.0m | 7.0 | 5.5 | 175A | DO35 | | |
| 25# | LZ8.2 | 10 | | | 8.2 | 15.0m | 5.0m | 40 | | 150A | DO7 | 129# | BZX83C8V2 | 5 | 8.2 | 500m | 5.0m | 7.0 | 5.5 | 175A | DO35 | | |
| 26# | Z8.2 | 5 | | | 8.2 | 150m | 5.0m | 40 | | 150A | C18d | 130 | BZX97C8V2 | 6 | 8.2 | 500m | 5.0m | 7.0 | 5.5 | 175J | DO35 | | |
| 27# | Z8.2 | 5 | | | 8.2 | 15.0m | 5.0m | 40 | | 150A | C18d | 131 | HEPZ0217-RT | 10 | 8.2 | 500ms | 20 | 34 | 200J | C132 | | | |
| 28 | 1N1931 | 10 | | | 8.2 | 200m | 5.0m | 15 | 6.0 | 150A | A82e | 132# | HZ5237 | 5 | 8.2 | 500ms | 20m | 8.0 | 5.8 | 200J | DO35 | | |
| 29 | 1N1931A | 5 | | | 8.2 | 200m | 5.0m | 15 | 6.0 | 150A | A82e | 133 | IDA23401,A,B,C | ∅ | 8.2 | 500m | 10m | 15 | 2.0 | 200A | A1hc | | |
| 30 | 1N1931B | 1 | | | 8.2 | 200m | 5.0m | 15 | 6.0 | 150A | A82e | 134 | MTZ612,A | xx | 8.2 | .50 | 10m | 16 | 175A | A80p | | | |
| 31# | BZX84C8V2 | 5 | | | 8.2 | 200m | 5.0m | 15 | 5.6 | 150J | M500d | 135 | PS8911 | 5 | 8.2 | .50 | 20m | 3.0 | 6.1 | 175J | A80p | | |
| 32 | 1/4M8.2Z,10.5 | xxx | | | 8.2 | .25 | 7.6m | 9.0 | 6.2 | 175J | A1cy | 136# | RD8.2EB | 5 | 8.2 | 500m | 20m | 10 | 5.7 | 200J | DO35 | | |
| 33 | 1N712 | 10 | | | 8.2 | 250m | 25m | 6.0 | 5.3 | 175A | DO7 | 137# | TS08200 | 5 | 8.2 | 500m | 1.0u | | 200J | DO35 | | | |
| 34 | 1N712A | 5 | | | 8.2 | 250m | 25m | 6.0 | 5.3 | 175A | DO7 | 138# | Z0A8.2 | 11 | 8.2 | 500m | 5.0m | 6.0 Δ | 8.0 Δ | 200J | DO35 | | |
| 35 | 1N712B | 20 | | | 8.2 | .25 | 25m | 6.0 | | DO7 | DO7 | 139# | Z088.2 | 5 | 8.2 | 500m | 5.0m | 7.0 | 5.5 | 175J | DO35 | | |
| 36 | 1N4694 | 5 | | | 8.2 | .05m | | 20 | 1.0 | 200A | DO14 | 140# | ZF8.2P | 5 | 8.2 | 500m | 5.0m | 7.0 | 175A | A1aq | | | |
| 37# | IS2190 | 3 | | | 8.2 | 250m | 10m | 20 | 500m | 75A | C29p | 141* | ZM8.2BZ | 5 | 8.2 | 500m | 20m | 8.0 | 5.5 | 175A | A1aq | | |
| 38# | IS2191 | 3 | | | 8.2 | 250m | 10m | 20 | 500m | 75A | C29p | 142# | ZPD8.2 | 5 | 8.2 | 500m | 5.0m | 7.0 | 1.0 | 150S | M487a | | |
| 39# | IS2192 | 3 | | | 8.2 | 250m | 10m | 20 | 200m | 75A | C29p | 143# | ZF8.2 | 1 | 8.2 | 500m | 7.0m | 10 | 7.0 | 150S | M487a | | |
| 40# | OZ28.2A | 5 | | | 8.2 | 250m | 8.0m | 20 | 6.0 | 175J | DO35 | 144 | 1N4630 | 5 | 8.2 | .60 | 15m | 700 | 6.8 | 200A | DO14 | | |
| 41# | BZX58C8V2 | 5 | | | 8.2 | 250m | 10m | 7.0 | 6.0 | 150A | DO7 | 145# | BZX80C8V2 | 5 | 8.2 | 600m | 10m | 7.5 | 6.2 | 175A | DO7 | | |
| 42# | BZX89C8V2 | 5 | | | 8.2 | 250m | 5.0m | 40 | 4.5 | 175A | DO7 | 146 | GLA8.2,A,B | xxx | 8.2 | 600m | 1.0m | 7.5 | 175A | DO7 | | | |
| 43# | BZY83C8V2 | 5 | | | 8.2 | 25.0m | 5.0m | 7.0 | 7 Δ | 150J | C1g | 147 | LNA382 | 10 | 8.2 | 600m | 1.0m | 7.5 | 175A | DO7 | | | |
| 44# | BZY83DBV2 | 10 | | | 8.2 | .25 | 5.0m | 10 | 8 Δ | 150J | C1g | 148 | LNA382A | 5 | 8.2 | 600m | 1.0m | 7.5 | 175A | DO7 | | | |
| 45 | CLVA82A | 5 | | | 8.2 | 250m | 1.0m | 25 ∅ | 175 | u20 | | 149 | LNA382B | 2 | 8.2 | 600m | 1.0m | 7.5 | 175A | DO7 | | | |
| 46# | KS2082A | 5 | | | 8.2 | 250m | 5.0m | 15 | 7.0 Δ | 150A | DO7 | 150 | LVA382A | 5 | 8.2 | 600m | 1.0m | 60 | 175A | DO14 | | | |
| 47# | KS2082B | 10 | | | 8.2 | 250m | 5.0m | 15 | 8.0 Δ | 150A | DO7 | 151 | LVA382B | 2 | 8.2 | 600m | 1.0m | 60 | 175A | DO14 | | | |
| 48 | PD6012,A | xx | | | 8.2 | .25 | 5.0m | 8.0 | | 150 | A109 | 152 | LVA382C | 1 | 8.2 | 600m | 1.0m | 60 | 175A | DO14 | | | |
| 49 | PD6053 | 5 | | | 8.2 | .25 | 5.0m | 5.0 | | 150 | A2c | 153# | UZ8.2 | 10 | 8.2 | .60 | 73m | 3.0 | 6.0 | 135A | D03 | | |
| 50 | PD6208 | 5 | | | 8.2 | 250m | 1.0m | 100 | | 175A | A109 | 154 | 1N1511 | 10 | 8.2 | 750m | 18m | 3.0 | 6.0 | 200S | DO12 | | |
| 51# | BZY82 | 5 | | | 8.2 | .28 | 1.0m | 6.2 | | 150J | A3 | 155 | 1N1511A | 5 | 8.2 | 750m | 18m | 3.0 | 6.0 | 200S | DO12 | | |
| 52 | MC6012,A | xx | | | 8.2 | .30 | 10m | 16 | | 175 | A2m | 156 | 1N3677 | 20 | 8.2 | 750ms | 15m | 6.5 | 175S | A1az | | | |
| 53 | OAZ206 | 5 | | | 8.2 | .30 | 1.0m | 28 | 6.1 | 150J | C1c | 157 | 1N3677A | 10 | 8.2 | 750ms | 15m | 6.5 | 175S | A1az | | | |
| 54# | Z1A8.2 | 11 | | | 8.2 | 300m | 5.0m | 10 | 8.0 Δ | 150S | C28 | 158 | 1N3677B | 5 | 8.2 | 750ms | 15m | 6.5 | 175S | A1az | | | |
| 55# | Z1B8.2 | 51 | | | 8.2 | 300m | 5.0m | 10 | 8.0 Δ | 150S | C29 | 159 | MC6112,A | xx | 8.2 | .75 | 25m | 16 | 175A | A2d | | | |
| 56 | CSD5237 | 10 | | | 8.2 | 320m | 20m | | | 150S | M927 | 160 | MGLA8.2,A,B | xxx | 8.2 | 750m | 1.0m | 7.5 | 175A | A249e | | | |
| 57# | BZX88C8V2 | 5 | | | 8.2 | 350m | 5.0m | 15 | 10 Δ | 175J | M470 | 161 | MLNA382A | 5 | 8.2 | 750m | 1.0m | 7.5 | 175A | A249e | | | |
| 58 | LDZ70/8A2 | 5 | | | 8.2 | 360m | 20m | 8.0 | | 175J | u3 | 162 | MLNA382B | 5 | 8.2 | 750m | 1.0m | 7.5 | 175A | A249e | | | |
| 59 | 4M8.2AZ10.5 | xx | | | 8.2 | 400m | 20m | 8.0 | | 175J | DO7∅ | 163 | MLV758A | 2 | 8.2 | 750m | 2 | | | | | | |