

Dimensions in mm

| Fig.                                  | Package            | Working Peak Reverse Voltage VRWM | Average Rectified Forward Current IQ (A) | Peak Surge Current IFSM (A) | Max. Instantaneous Forward Voltage Drop VF (V) | Digi-Key Part No.     | Pricing |         |          | Tape and Reel |           |
|---------------------------------------|--------------------|-----------------------------------|------------------------------------------|-----------------------------|------------------------------------------------|-----------------------|---------|---------|----------|---------------|-----------|
|                                       |                    |                                   |                                          |                             |                                                |                       | 10      | 100     | 250      | Qty.          | Pricing   |
| <b>Recovery Power</b>                 |                    |                                   |                                          |                             |                                                |                       |         |         |          |               |           |
| 1                                     | SMA                | 300                               | 1                                        | 30                          | 1.1                                            | MRA4003T3GOSCT-ND◆    | 28.48   | 167.91  | 296.97   | 5,000         | 570.22/M  |
|                                       |                    | 400                               | 1                                        | 30                          | 1.1                                            | MRA4004T3GOSCT-ND◆    | 27.12   | 159.58  | 282.35   | 5,000         | 542.06/M  |
|                                       |                    | 600                               | 1                                        | 30                          | 1.1                                            | MRA4005T3GOSCT-ND◆    | 27.12   | 159.58  | 282.35   | 5,000         | 542.06/M  |
|                                       |                    | 800                               | 1                                        | 30                          | 1.1                                            | MRA4006T3GOSCT-ND◆    | 28.48   | 167.91  | 296.97   | 5,000         | 570.22/M  |
|                                       |                    | 1000                              | 1                                        | 30                          | 1.1                                            | MRA4007T3GOSCT-ND◆    | 27.12   | 159.58  | 282.35   | 5,000         | 542.06/M  |
| 2                                     | Case194            | 400                               | 6                                        | 400                         | 0.9                                            | MR754RLGOSCT-ND◆      | 81.96   | 630.42  | 1323.93  | 800           | 3346.39   |
| 3                                     | MICRODE            | 400                               | 25                                       | 400                         | 1.18                                           | MR2504OS-ND           | 60.96   | 457.49  | 974.33   | —             | —         |
| 4                                     | DO-41              | 800                               | 1                                        | 35                          | 1.75                                           | MUR180EGOS-ND◆        | 29.33   | 242.22  | 507.91   | —             | —         |
|                                       |                    | 1000                              | 1                                        | 35                          | 1.75                                           | MUR1100ERLGOSCT-ND◆   | 41.23   | 324.18  | 712.30   | 5,000         | 1400.06/M |
| 5A                                    | DPAK               | 200                               | 6                                        | 50                          | 1                                              | MURD620CTT4GOSCT-ND◆  | 48.80   | 383.27  | 842.12   | 2,500         | 1742.34/M |
|                                       |                    | 200                               | 3                                        | 6                           | 0.95                                           | MURD320T4GOSCT-ND◆    | 53.39   | 400.61  | 853.09   | —             | —         |
|                                       |                    | 200                               | 3                                        | 6                           | 0.95                                           | MURD320T4GOSCT-ND◆    | 50.16   | 430.29  | 1004.00  | 2,500         | 2008.01/M |
| 6                                     | D <sup>2</sup> PAK | 15                                | 25                                       | 150                         | 0.45                                           | MRBR2515LT4GOSCT-ND◆  | 226.49  | 1921.79 | 4289.77  | 800           | 7961.87   |
| <b>Standard Recovery</b>              |                    |                                   |                                          |                             |                                                |                       |         |         |          |               |           |
| 4                                     | DO-41              | 50                                | 1                                        | 30                          | 1.1                                            | 1N4001GOS-ND◆         | 19.98   | 93.18   | 166.47   | —             | —         |
|                                       |                    | 50                                | 1                                        | 30                          | 1.1                                            | 1N4001RLGOSCT-ND◆     | 19.98   | 93.18   | 166.47   | 5,000         | 266.29/M  |
|                                       |                    | 50                                | 1                                        | 30                          | 1.2                                            | 1N4933RLGOSCT-ND◆     | 23.30   | 137.22  | 242.82   | 5,000         | 466.15/M  |
|                                       |                    | 100                               | 1                                        | 30                          | 1.1                                            | 1N4002GOS-ND◆         | 19.98   | 93.18   | 166.47   | —             | —         |
|                                       |                    | 100                               | 1                                        | 30                          | 1.2                                            | 1N4934RLGOSCT-ND◆     | 23.30   | 137.22  | 242.82   | 5,000         | 466.15/M  |
|                                       |                    | 200                               | 1                                        | 30                          | 1.1                                            | 1N4003GOS-ND◆         | 19.98   | 93.18   | 166.47   | —             | —         |
|                                       |                    | 200                               | 1                                        | 30                          | 1.1                                            | 1N4003RLGOSCT-ND◆     | 19.98   | 93.18   | 166.47   | 5,000         | 266.29/M  |
|                                       |                    | 200                               | 1                                        | 30                          | 1.2                                            | 1N4935RLGOSCT-ND◆     | 23.30   | 137.22  | 242.82   | 5,000         | 466.15/M  |
|                                       |                    | 400                               | 1                                        | 30                          | 1.1                                            | 1N4004GOS-ND◆         | 19.98   | 93.18   | 166.47   | —             | —         |
|                                       |                    | 400                               | 1                                        | 30                          | 1.1                                            | 1N4004RLGOSCT-ND◆     | 19.98   | 93.18   | 166.47   | 5,000         | 266.29/M  |
|                                       |                    | 400                               | 1                                        | 30                          | 1.2                                            | 1N4936RLGOSCT-ND◆     | 23.30   | 137.22  | 242.82   | 5,000         | 466.15/M  |
|                                       |                    | 600                               | 1                                        | 30                          | 1.1                                            | 1N4005GOS-ND◆         | 19.98   | 93.18   | 166.47   | —             | —         |
|                                       |                    | 600                               | 1                                        | 30                          | 1.2                                            | 1N4937RLGOSCT-ND◆     | 23.30   | 137.22  | 242.82   | 5,000         | 466.15/M  |
|                                       |                    | 800                               | 1                                        | 30                          | 1.1                                            | 1N4006GOS-ND◆         | 19.98   | 93.18   | 166.47   | —             | —         |
|                                       |                    | 800                               | 1                                        | 30                          | 1.1                                            | 1N4006RLGOSCT-ND◆     | 19.98   | 93.18   | 166.47   | 5,000         | 266.29/M  |
|                                       |                    | 1000                              | 1                                        | 30                          | 1.1                                            | 1N4007GOS-ND◆         | 19.98   | 93.18   | 166.47   | —             | —         |
| 1000                                  | 1                  | 30                                | 1.1                                      | 1N4007RLGOSCT-ND◆           | 19.98                                          | 93.18                 | 166.47  | 5,000   | 266.29/M |               |           |
| 7                                     | DO-201AD           | 50                                | 3                                        | 200                         | 1                                              | 1N5400RLGOSCT-ND◆     | 34.18   | 201.50  | 356.40   | 1,200         | 874.30/M  |
|                                       |                    | 50                                | 3                                        | 200                         | 1                                              | 1N5400GOS-ND◆         | 34.18   | 201.50  | 356.40   | —             | —         |
|                                       |                    | 100                               | 3                                        | 200                         | 1                                              | 1N5401RLGOSCT-ND◆     | 34.18   | 201.50  | 356.40   | 1,200         | 874.30/M  |
|                                       |                    | 200                               | 3                                        | 100                         | 1.25                                           | MR852RLGOSCT-ND◆      | 31.12   | 204.47  | 383.36   | 1,200         | 929.27/M  |
|                                       |                    | 200                               | 3                                        | 200                         | 1                                              | 1N5402RLGOSCT-ND◆     | 34.18   | 201.50  | 356.40   | 1,200         | 874.30/M  |
|                                       |                    | 200                               | 3                                        | 200                         | 1                                              | 1N5402GOS-ND◆         | 34.18   | 201.50  | 356.40   | —             | —         |
|                                       |                    | 400                               | 3                                        | 200                         | 1                                              | 1N5404RLGOSCT-ND◆     | 34.18   | 201.50  | 356.40   | 1,200         | 874.30/M  |
|                                       |                    | 400                               | 3                                        | 200                         | 1                                              | 1N5404GOS-ND◆         | 34.18   | 201.50  | 356.40   | —             | —         |
|                                       |                    | 400                               | 3                                        | 100                         | 1.25                                           | MR854OS-ND            | 30.69   | 201.58  | 366.52   | —             | —         |
|                                       |                    | 400                               | 3                                        | 100                         | 1.25                                           | MR854GOS-ND◆          | 31.12   | 204.47  | 371.71   | —             | —         |
|                                       |                    | 600                               | 3                                        | 200                         | 1                                              | 1N5406RLGOSCT-ND◆     | 34.18   | 201.50  | 356.40   | 1,200         | 874.30/M  |
|                                       |                    | 600                               | 3                                        | 100                         | 1.25                                           | MR856RLGOSCT-ND◆      | 31.12   | 204.47  | 383.36   | 1,200         | 929.27/M  |
|                                       |                    | 1000                              | 3                                        | 200                         | 1                                              | 1N5408RLGOSCT-ND◆     | 34.18   | 201.50  | 356.40   | 1,200         | 874.30/M  |
|                                       |                    | 1000                              | 3                                        | 200                         | 1.0                                            | 1N5408GOS-ND◆         | 34.18   | 201.50  | 356.40   | —             | —         |
| 8                                     | SMB                | 400                               | 1.5                                      | 50                          | 1.1                                            | MSR1504T3GOSCT-ND◆    | 36.39   | 261.01  | 532.23   | 2,500         | 1167.57/M |
| 9                                     | TO-220AC           | 600                               | 8.0                                      | 100                         | 1.4                                            | MSR860GOS-ND◆         | 95.05   | 791.96  | 1663.16  | —             | —         |
|                                       |                    | 600                               | 15                                       | 100                         | 1.5                                            | MSR1560GOS-ND◆        | 104.57  | 871.20  | 1829.46  | —             | —         |
| <b>Fast Recovery — RoHS Compliant</b> |                    |                                   |                                          |                             |                                                |                       |         |         |          |               |           |
| 4                                     | DO-41              | 600                               | 1                                        | 30                          | 1.2                                            | 1N4937GOS-ND          | 23.30   | 137.22  | 242.82   | —             | —         |
| <b>Ultra Fast Recovery</b>            |                    |                                   |                                          |                             |                                                |                       |         |         |          |               |           |
| 1                                     | SMA                | 100                               | 2                                        | 50                          | 0.94                                           | MURA210T3GOSCT-ND◆    | 29.08   | 208.64  | 425.53   | 5,000         | 878.50/M  |
|                                       |                    | 200                               | 2                                        | 40                          | 0.95                                           | MURA220T3GOSCT-ND◆    | 29.08   | 208.64  | 425.53   | 5,000         | 878.50/M  |
|                                       |                    | 200                               | 1                                        | 40                          | 0.875                                          | MURA120T3GOSCT-ND◆    | 29.08   | 208.64  | 425.53   | 5,000         | 878.50/M  |
|                                       |                    | 400                               | 1                                        | 35                          | 1.1                                            | MURA140T3GOSCT-ND◆    | 29.08   | 208.64  | 425.53   | 5,000         | 878.50/M  |
|                                       |                    | 400                               | 2                                        | 35                          | 1.3                                            | MURA240T3GOSCT-ND◆    | 29.08   | 208.64  | 425.53   | 5,000         | 878.50/M  |
|                                       |                    | 600                               | 1                                        | 30                          | 1.25                                           | MURA160T3GOSCT-ND◆    | 29.08   | 208.64  | 425.53   | 5,000         | 878.50/M  |
| 4                                     | DO-41              | 100                               | 1                                        | 35                          | 0.875                                          | MUR110GOS-ND◆         | 28.57   | 196.06  | 378.08   | —             | —         |
|                                       |                    | 200                               | 1                                        | 35                          | 0.875                                          | MUR120GOS-ND◆         | 26.95   | 184.83  | 356.40   | —             | —         |
| 5A                                    | DPAK               | 200                               | 1                                        | 35                          | 1.25                                           | MUR160GOS-ND◆         | 27.21   | 186.70  | 360.14   | —             | —         |
|                                       |                    | 600                               | 1                                        | 35                          | 1.75                                           | MUR1100EGOS-ND◆       | 39.62   | 327.33  | 686.37   | —             | —         |
|                                       |                    | 1000                              | 1                                        | 35                          | 1.75                                           | MUR1100EGOS-ND◆       | 39.62   | 327.33  | 686.37   | —             | —         |
| 6                                     | D <sup>2</sup> PAK | 200                               | 16                                       | 100                         | 1.2                                            | MSRD620CTT4GOSCT-ND◆  | 66.49   | 570.23  | 1330.48  | 2,500         | 2660.99/M |
|                                       |                    | 200                               | 16                                       | 100                         | 0.975                                          | MURB1620CTT4GOSCT-ND◆ | 112.48  | 865.08  | 1816.71  | 800           | 5000.96   |
|                                       |                    | 600                               | 8                                        | 100                         | 1.5                                            | MURB1620CTT4GOSCT-ND◆ | 128.47  | 1095.99 | 2456.57  | 800           | 4837.64   |
|                                       |                    | 600                               | 8                                        | 100                         | 1.5                                            | MURB1660CTT4GOSCT-ND◆ | 113.84  | 956.48  | 1992.61  | —             | —         |
|                                       |                    | 600                               | 8                                        | 100                         | 1.5                                            | MURB1660CTT4GOSCT-ND◆ | 149.81  | 1271.39 | 2837.88  | 800           | 5267.07   |
| 7                                     | DO-201AD           | 50                                | 4                                        | 125                         | 0.89                                           | MUR405GOS-ND◆         | 39.19   | 324.18  | 679.82   | —             | —         |
|                                       |                    | 100                               | 4                                        | 125                         | 0.89                                           | MUR410GOS-ND◆         | 37.66   | 311.09  | 652.36   | —             | —         |
|                                       |                    | 100                               | 4                                        | 125                         | 0.89                                           | MUR410RLGOSCT-ND◆     | 42.17   | 331.15  | 727.60   | 1,500         | 1605.75/M |
|                                       |                    | 100                               | 2                                        | 50                          | 0.875                                          | MURA110T3GOSCT-ND◆    | 29.08   | 208.64  | 425.53   | 5,000         | 878.50/M  |
|                                       |                    | 100                               | 1                                        | 35                          | 0.875                                          | MUR110RLGOSCT-ND◆     | 29.67   | 212.81  | 434.11   | 5,000         | 896.18/M  |
|                                       |                    | 150                               | 1                                        | 35                          | 0.875                                          | MUR115RLOSCT-ND       | 26.44   | 190.36  | 357.00   | —             | —         |
|                                       |                    | 150                               | 1                                        | 35                          | 0.875                                          | MUR115RLGOSCT-ND◆     | 29.67   | 212.81  | 434.11   | 5,000         | 896.18/M  |
|                                       |                    | 150                               | 4                                        | 125                         | 0.89                                           | MUR415GOS-ND◆         | 37.66   | 311.09  | 652.36   | —             | —         |
|                                       |                    | 200                               | 4                                        | 125                         | 0.89                                           | MUR420GOS-ND◆         | 35.62   | 294.59  | 617.76   | —             | —         |
|                                       |                    | 200                               | 4                                        | 125                         | 0.89                                           | MUR420RLGOSCT-ND◆     | 39.87   | 313.64  | 689.00   | 1,500         | 1520.56/M |
| 7                                     | DO-201AD           | 200                               | 1                                        | 35                          | 0.875                                          | MUR120RLGOSCT-ND◆     | 27.97   | 200.65  | 409.20   | 5,000         | 844.76/M  |
|                                       |                    | 400                               | 1                                        | 35                          | 1.25                                           | MUR140RLGOSCT-ND◆     | 29.67   | 212.81  | 434.11   | 5,000         | 896.18/M  |

◆ RoHS Compliant § For Tape and Reel part number, change CT-ND to TR-ND. † Pinning Reversed

(Continued)

Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

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Fig. 1 — SMA

Fig. 2 — Case194

Fig. 3 — MICRODE

Fig. 4 — DO-41

Fig. 5 — DPAK

Fig. 6 — D<sup>2</sup>PAK

Fig. 7 — DO-201AD

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