



Fast Schottky Barrier Diodes



C

| Fig. | Peak Rev. Voltage VRRM(V) | Leakage Current | Forward Voltage @ IF | | Reverse Recovery Time(nS) | Power Dissipation Ptot(mW) | Digi-Key Part No. | Cut Tape Pricing | | | Digi-Key Part No. | Tape and Reel | |
|------|---------------------------|-----------------|----------------------|--------|---------------------------|----------------------------|-----------------------------------|------------------|-------|---------------------|-----------------------------------|---------------|----------|
| | | | VF(V) | IF(mA) | | | | 1 | 10 | 100 | | Qty. | Pricing |
| 1 | 30 | 5µA | 0.37 | 20 | 10 | 400 | SD103B-FDICT-ND◆ | .50 | 4.02 | 30.16 | — | — | |
| | 40 | 200nA | 0.39 | 1 | 1 | 400 | SD101CDICT-ND◆ | .62 | 4.94 | 37.03 | SD101CDITR-ND◆ | 10,000 | 151.50/M |
| | 50 | 200nA | 0.40 | 1 | 1 | 400 | SD101BDICT-ND | .56 | 4.38 | 29.97 | SD101BDITB-ND‡ | 10,000 | 132.42/M |
| | 60 | 200nA | 0.41 | 1 | 1 | 400 | SD101ATDICT-ND◆ | .62 | 4.94 | 37.03 | — | — | — |
| 2 | 20 | 5µA | 0.37 | 20 | 10 | 400 | LLSD103CDICT-ND◆ | .68 | 5.43 | 40.73 | LLSD103CDITR-ND◆ | 2,500 | 191.33/M |
| | 30 | 5µA | 0.37 | 20 | 10 | 400 | LLSD103BDICT-ND◆ | .68 | 5.43 | 40.73 | LLSD103BDITR-ND◆ | 2,500 | 191.33/M |
| | 40 | 5µA | 0.37 | 20 | 10 | 400 | LLSD103ADICT-ND◆ | .68 | 5.43 | 40.73 | LLSD103ADITR-ND◆ | 2,500 | 191.33/M |
| | 40 | 200nA | 0.39 | 1 | 1 | 400 | LLSD101CDICT-ND◆ | .62 | 4.94 | 37.03 | LLSD101CDITR-ND◆ | 2,500 | 173.94/M |
| | 50 | 200nA | 0.40 | 1 | 1 | 400 | LLSD101BDICT-ND◆ | .62 | 4.94 | 37.03 | LLSD101BDITR-ND◆ | 2,500 | 173.94/M |
| 3 | 60 | 200nA | 0.41 | 1 | 1 | 400 | LLSD101ADICT-ND◆ | .62 | 4.94 | 37.03 | LLSD101ADITR-ND◆ | 10,000 | 151.50/M |
| | 20 | 100µA | 0.31 | 100 | — | 200 | B0520WS-FDICT-ND◆ | .54 | 3.79 | 25.25 | B0520WS-FDITR-ND◆ | 3,000 | 90.90/M |
| | 20 | 5.0µA | 0.37 | 20 | 10 | 200 | SD103CWS-FDICT-ND◆ | .54 | 3.79 | 25.25 | SD103CWS-FDITR-ND◆ | 3,000 | 90.90/M |
| | 30 | 80µA | 0.36 | 100 | — | 235 | B0530WS-FDICT-ND◆ | .54 | 3.79 | 25.25 | B0530WS-FDITR-ND◆ | 3,000 | 90.90/M |
| | 30 | 500nA | 1 | 200 | 5 | 200 | BAT42WS-FDICT-ND◆ | .54 | 3.79 | 25.25 | BAT42WS-FDITR-ND◆ | 3,000 | 90.90/M |
| | 30 | 500nA | 0.33 | 2 | 5 | 200 | BAT43WS-FDICT-ND◆ | .54 | 3.79 | 25.25 | BAT43WS-FDITR-ND◆ | 3,000 | 90.90/M |
| | 30 | 2.0µA | 0.32 | 1 | 5 | 200 | BAT54WS-FDICT-ND◆ | .47 | 3.37 | 20.20 | BAT54WS-FDITR-ND◆ | 3,000 | 67.33/M |
| | 30 | 5.0µA | 0.37 | 20 | 10 | 200 | SD103BWS-FDICT-ND◆ | .54 | 3.79 | 25.25 | SD103BWS-FDITR-ND◆ | 3,000 | 90.90/M |
| | 30 | 1.0µA | 0.55 | 50 | — | 250 | SD107WS-FDICT-ND◆ | .54 | 3.79 | 25.25 | SD107WS-FDITR-ND◆ | 3,000 | 90.90/M |
| | 30 | 100µA | 0.36 | 100 | — | 200 | SDM100K30LDICT-ND◆ | .61 | 4.80 | 32.82 | SDM100K30LDITR-ND◆ | 3,000 | 138.87/M |
| | 30 | 50µA | 0.27 | 10 | — | 235 | BAT760DICT-ND◆ | .74 | 5.93 | 44.44 | BAT760DITR-ND◆ | 3,000 | 208.73/M |
| | 40 | 3µA | 0.30 | 10 | — | 235 | B0540WSDICT-ND◆ | .54 | 3.79 | 25.25 | B0540WSDITR-ND◆ | 3,000 | 90.90/M |
| | 40 | 200nA | 0.39 | 1 | 1 | 200 | SD101CWS-FDICT-ND◆ | .54 | 3.79 | 25.25 | SD101CWS-FDITR-ND◆ | 3,000 | 90.90/M |
| | 40 | 5.0µA | 0.37 | 20 | 10 | 200 | SD103AWS-FDICT-ND◆ | .54 | 3.79 | 25.25 | SD103AWS-FDITR-ND◆ | 3,000 | 90.90/M |
| | 40 | 500nA | 0.37 | 1 | — | 250 | SDMK0340LDICT-ND | .64 | 5.50 | 43.38 | — | — | — |
| 40 | 500nA | 0.37 | 1 | — | 250 | SDMK0340L-FDICT-ND◆ | .47 | 3.37 | 20.20 | SDMK0340L-FDITR-ND◆ | 3,000 | 67.33/M | |
| 50 | 200nA | 0.40 | 1 | 1 | 200 | SD101BWS-FDICT-ND◆ | .54 | 3.79 | 25.25 | SD101BWS-FDITR-ND◆ | 3,000 | 90.90/M | |
| 60 | 200nA | 0.41 | 1 | 1 | 200 | SD101AWS-FDICT-ND◆ | .54 | 3.79 | 25.25 | SD101AWS-FDITR-ND◆ | 3,000 | 90.90/M | |
| 70 | 200nA | 0.41 | 1 | 1 | 200 | 1N5711WS-FDICT-ND◆ | .79 | 6.82 | 53.86 | 1N5711WS-FDITR-ND◆ | 3,000 | 260.34/M | |
| 4 | 20 | 5µA | 0.37 | 20 | 10 | 400 | SD103CW-FDICT-ND◆ | .54 | 3.79 | 25.25 | SD103CW-FDITR-ND◆ | 10,000 | 78.28/M |
| | 20 | 5µA | 0.6 | 200 | 10 | 400 | SD103CW-7-FDICT-ND◆ NEW! | .54 | 3.79 | 25.25 | SD103CW-7-FDITR-ND◆ NEW! | 3,000 | 90.90/M |
| | 30 | 500nA | 1 | 200 | 5 | 200 | BAT42W-FDICT-ND◆ | .54 | 3.79 | 25.25 | BAT42W-FDITR-ND◆ | 3,000 | 90.90/M |
| | 30 | 500nA | 1 | 200 | 5 | 200 | BAT43W-FDICT-ND◆ | .54 | 3.79 | 25.25 | BAT43W-FDITR-ND◆ | 3,000 | 90.90/M |
| | 30 | 5µA | 0.6 | 200 | 10 | 400 | SD103BW-FDICT-ND◆ | .54 | 3.79 | 25.25 | SD103BW-FDITR-ND◆ | 10,000 | 78.56/M |
| | 40 | 200nA | 0.90 | 15 | 1 | 400 | SD101CW-FDICT-ND◆ | .54 | 3.79 | 25.25 | SD101CW-FDITR-ND◆ | 3,000 | 90.90/M |
| | 40 | 5µA | 0.6 | 200 | 10 | — | SD103AW-FDICT-ND◆ | .54 | 3.79 | 25.25 | SD103AW-FDITR-ND◆ | 10,000 | 78.56/M |
| | 40 | 5µA | 0.37 | 20 | 10 | 400 | SD103AW7-FDICT-ND◆ | .54 | 3.79 | 25.25 | SD103AW7-FDITR-ND◆ | 3,000 | 90.90/M |
| | 60 | 200nA | 1 | 15 | 1 | 400 | 1N6263W-FDICT-ND◆ | .59 | 4.21 | 28.05 | 1N6263W-FDITR-ND◆ | 3,000 | 101.00/M |
| | 60 | 200nA | 1 | 15 | 1 | 400 | SD101AW-7FDICT-ND◆ | .54 | 3.79 | 25.25 | SD101AW-7FDITR-ND◆ | 3,000 | 90.90/M |
| 5 | 70 | 200nA | 0.041 | 1 | 1 | 333 | 1N5711W-FDICT-ND◆ | .54 | 3.79 | 25.25 | 1N5711W-FDITR-ND◆ | 3,000 | 90.90/M |
| | 100 | — | 0.45 | 10 | — | 200 | BAT46W-7-FDICT-ND◆ NEW! | .54 | 3.79 | 25.25 | BAT46W-7-FDITR-ND◆ NEW! | 3,000 | 90.90/M |
| | 30 | 150µA | 0.35 | 20 | — | 150 | SDM20U30DICT-ND◆ | .63 | 4.49 | 26.93 | SDM20U30DITR-ND◆ | 3,000 | 89.78/M |
| | 30 | 2.0µA | 1 | 100 | 5 | 250 | BAT54LPDICT-ND◆ | .57 | 4.04 | 26.93 | BAT54LPDITR-ND◆ | 3,000 | 96.96/M |
| 6 | 40 | 500nA | 0.37 | 1 | — | 150 | SDM03U40DICT-ND◆ | .63 | 4.49 | 26.93 | SDM03U40DITR-ND◆ | 3,000 | 89.78/M |
| | 30 | 2.0µA | 0.65 | 100 | 5 | 250 | BAT54LPS-7DICT-ND◆ NEW! | .74 | 5.93 | 44.44 | BAT54LPS-7DITR-ND◆ NEW! | 3,000 | 208.73/M |
| | 30 | 150µA | 0.575 | 200 | — | 250 | SDM20U30LPDICT-ND◆ | .56 | 4.44 | 33.33 | SDM20U30LPDITR-ND◆ | 3,000 | 156.54/M |
| 7 | 40 | 200nA | 1 | 40 | 5 | 250 | BAS40LPDICT-ND◆ | .62 | 4.94 | 37.03 | BAS40LPDITR-ND◆ | 3,000 | 173.94/M |
| | 45 | 1.0µA | 0.8 | 100 | — | 250 | SDM10U45LPDICT-ND◆ | .61 | 4.80 | 32.82 | SDM10U45LPDITR-ND◆ | 3,000 | 138.87/M |
| | 20 | 30µA | 0.42 | 2,000 | — | — | PD3S220LDICT-ND◆ NEW! | .68 | 5.43 | 40.73 | PD3S220LDITR-ND◆ NEW! | 3,000 | 191.89/M |
| 8 | 30 | 0.7µA | 0.60 | 2,000 | — | — | PD3S230HDICT-ND◆ NEW! | .71 | 5.68 | 42.59 | PD3S230HDITR-ND◆ NEW! | 3,000 | 199.75/M |
| | 30 | 2.0µA | 0.8 | 100 | 5 | — | PD3S0230DICT-ND◆ | .62 | 4.94 | 37.03 | PD3S0230DITR-ND◆ | 3,000 | 173.94/M |
| | 30 | 40µA | 0.37 | 2,000 | — | — | PD3S230LDICT-ND◆ NEW! | .68 | 5.43 | 40.73 | PD3S230LDITR-ND◆ NEW! | 3,000 | 191.89/M |
| | 80 | 25nA | 0.715 | 1 | 4 | — | PD3S2580DICT-ND◆ | .54 | 3.79 | 25.25 | PD3S2580DITR-ND◆ | 3,000 | 90.90/M |
| | 20 | 1.0mA | 0.36 | 1,000 | — | 556 | DFLS120LDICT-ND◆ NEW! | .62 | 4.94 | 37.03 | DFLS120LDITR-ND◆ NEW! | 3,000 | 173.94/M |
| 9 | 40 | 20µA | 0.7 | 2,000 | — | — | DFLS240-7DICT-ND◆ NEW! | .84 | 7.25 | 57.23 | DFLS240-7DITR-ND◆ NEW! | 3,000 | 277.18/M |
| | 45 | — | 0.48 | 9,000 | — | — | SD945-TDICT-ND◆ NEW! | 2.09 | 18.70 | 148.46 | SD945-TDITR-ND◆ NEW! | 1,200 | 824.80/M |
| 10 | 40 | 1µA | 0.37 | 1 | — | 150 | SDMP0340LAT-FDICT-ND◆ NEW! | .63 | 4.49 | 26.93 | SDMP0340LAT-FDITR-ND◆ NEW! | 3,000 | 89.78/M |

‡ Tape and Box ◆ RoHS Compliant

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Fig. 1 — DO-35

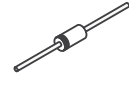


Fig. 2 — MiniMELF



Fig. 3 — SOD-323



Fig. 4 — SOD-123



Fig. 5 — SOD-523



Fig. 6 — DFN1006-2



Fig. 7 — PowerDI®323



Fig. 8 — PowerDI™ 123 NEW!



Fig. 9 — DO-201AD NEW!

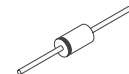


Fig. 10 — SOT-523 NEW!

