










Suzhou ANSAS Semiconductor Co.,Ltd.




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Pls help check our website for the newest edition since we upgrade this list per month.


Low Forward Voltage Schottky Rectifiers

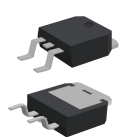
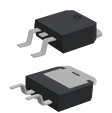
| Item | Part Number | Family | V _{RRM} (V) | I _F (A) | I _F per leg (A) | V _F (V) | I _R (μ A) | I _{FSM} (A) | T _J (°C) | Package |
|------|-------------|--------|-------------------------|-----------------------|-------------------------------|-----------------------|------------------------------|-------------------------|------------------------|--|
| 1 | ST120H | TMBS | 20 | 1 | 1 | 0.36 | 40 | 25 | 150 |  SOD-323HS |
| 2 | ST140H | TMBS | 40 | 1 | 1 | 0.37 | 40 | 25 | 150 | |
| 3 | ST160H | TMBS | 60 | 1 | 1 | 0.42 | 40 | 25 | 150 | |
| 4 | ST1100H | TMBS | 100 | 1 | 1 | 0.73 | 40 | 25 | 150 | |
| 5 | ST230H | TMBS | 30 | 2 | 2 | 0.43 | 40 | 25 | 150 | |
| 6 | ST240H | TMBS | 40 | 2 | 2 | 0.44 | 40 | 25 | 150 | |
| 7 | ST260H | TMBS | 60 | 2 | 2 | 0.55 | 40 | 25 | 150 | |
| 8 | SP140S | PMCD | 40 | 1 | 1 | 0.50 | 10 | 25 | 150 |  SOD-123HS |
| 9 | ST140S | TMBS | 40 | 1 | 1 | 0.39 | 30 | 25 | 125 | |
| 10 | SP160S | PMCD | 60 | 1 | 1 | 0.50 | 12 | 25 | 150 | |
| 11 | ST160S | TMBS | 60 | 1 | 1 | 0.42 | 30 | 25 | 125 | |
| 12 | SP1100S | PMCD | 100 | 1 | 1 | 0.73 | 5 | 30 | 150 | |
| 13 | ST1100S | TMBS | 100 | 1 | 1 | 0.58 | 10 | 35 | 150 | |
| 14 | SP240S | PMCD | 40 | 2 | 2 | 0.45 | 15 | 50 | 150 | |
| 15 | ST240S | TMBS | 40 | 2 | 2 | 0.39 | 40 | 35 | 125 | |
| 16 | SP260S | PMCD | 60 | 2 | 2 | 0.47 | 30 | 50 | 150 | |
| 17 | ST260S | TMBS | 60 | 2 | 2 | 0.43 | 40 | 35 | 125 | |
| 18 | SP2100S | PMCD | 100 | 2 | 2 | 0.72 | 7.5 | 35 | 150 | |
| 19 | ST2100S | TMBS | 100 | 2 | 2 | 0.60 | 20 | 50 | 150 | |
| 20 | SP330S | PMCD | 30 | 3 | 3 | 0.38 | 30 | 60 | 150 | |
| 21 | SP345S | PMCD | 45 | 3 | 3 | 0.45 | 30 | 80 | 150 | |
| 22 | ST345S | TMBS | 45 | 3 | 3 | 0.39 | 50 | 60 | 125 | |
| 23 | SP360S | PMCD | 60 | 3 | 3 | 0.46 | 32 | 60 | 150 | |
| 24 | ST360S | TMBS | 60 | 3 | 3 | 0.42 | 40 | 60 | 150 | |
| 25 | ST3100S | TMBS | 100 | 3 | 3 | 0.60 | 30 | 80 | 150 | |
| 26 | ST3150S | TMBS | 150 | 3 | 3 | 0.78 | 5 | 60 | 150 | |
| 27 | ST2V60F | TMBS | 60 | 2 | 2 | 0.55 | 20 | 30 | 150 |  SOD-123FL |
| 28 | ST240AF | TMBS | 40 | 2 | 2 | 0.38 | 30 | 35 | 150 |  SMAF |
| 29 | SP340A | PMCD | 40 | 3 | 3 | 0.4 | 120 | 80 | 150 | |
| 30 | ST360AF | TMBS | 60 | 3 | 3 | 0.42 | 40 | 80 | 150 | |
| 31 | ST545AF | TMBS | 45 | 5 | 5 | 0.45 | 60 | 80 | 150 | |
| 32 | ST560AF | TMBS | 60 | 5 | 5 | 0.50 | 20 | 80 | 150 | |
| 33 | ST5100AF | TMBS | 100 | 5 | 5 | 0.70 | 30 | 80 | 150 | |
| 34 | ST340A | TMBS | 40 | 3 | 3 | 0.40 | 120 | 80 | 150 |  SMA |
| 35 | SP360A | PMCD | 60 | 3 | 3 | 0.50 | 60 | 80 | 150 | |
| 36 | SP3100A | PMCD | 100 | 3 | - | - | - | - | - | |
| 37 | SP3200A | PMCD | 200 | 3 | - | - | - | - | - | |
| 38 | SP3150A | PMCD | 150 | 3 | - | - | - | - | - |  SMA |
| 39 | ST3150A | TMBS | 150 | 3 | 3 | 0.78 | 1 | 60 | 150 | |
| 40 | SP3300A | PMCD | 300 | 3 | 3 | 0.83 | 5 | 100 | 150 |  SMB |
| 41 | SP340B | PMCD | 45 | 3 | - | - | - | - | - | |
| 42 | SP360B | PMCD | 60 | 3 | 3 | 0.50 | 60 | 80 | 150 | |
| 43 | ST380B | TMBS | 80 | 3 | 3 | 0.60 | 15 | 80 | 150 | |
| 44 | ST3100B | TMBS | 100 | 3 | 3 | 0.60 | 30 | 80 | 150 | |
| 45 | SP3200B | PMCD | 200 | 3 | 3 | 0.83 | 1 | 100 | 150 | |
| 46 | SP3300B | PMCD | 300 | 3 | 3 | 0.89 | 10 | 100 | 150 | |
| 47 | SP545B | PMCD | 45 | 5 | 5 | 0.45 | 40 | 120 | 150 | |
| 48 | SP5U45B | PMCD | 45 | 5 | 5 | 0.42 | 80 | 180 | 150 | |
| 49 | SP560B | PMCD | 60 | 5 | 5 | 0.48 | 45 | 120 | 150 | |
| 50 | ST580B | TMBS | 80 | 5 | 5 | 0.50 | 15 | 120 | 150 | |
| 51 | ST5100B | TMBS | 100 | 5 | 5 | 0.56 | 40 | 120 | 150 | |
| 52 | SP5150B | PMCD | 150 | 5 | 5 | 0.83 | 50 | 120 | 150 | |
| 53 | SP5200B | PMCD | 200 | 5 | 5 | 0.81 | 1 | 120 | 150 | |
| 54 | SP5300B | PMCD | 300 | 5 | 5 | 0.90 | 1 | 120 | 150 | |

Low Forward Voltage Schottky Rectifiers

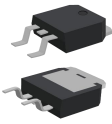
| Item | Part Number | Family | V _{RRM} (V) | I _F (A) | I _F per leg (A) | V _F (V) | I _R (μ A) | I _{FSM} (A) | T _J ($^{\circ}$ C) | Package |
|------|-------------|--------|-------------------------|-----------------------|-------------------------------|-----------------------|------------------------------|-------------------------|-----------------------------------|--|
| 55 | ST5100C | TMBS | 100 | 5 | 5 | 0.57 | 35 | 120 | 150 |  SMC |
| 56 | SP5200C | PMCD | 200 | 5 | 5 | 0.79 | 2 | 120 | 150 | |
| 57 | SP1060C | PMCD | 60 | 10 | - | - | - | - | - | |
| 58 | SP1245D | PMCD | 45 | 12 | - | - | - | - | - |  DFN5*6 |
| 59 | SP2045D | PMCD | 45 | 20 | 20 | 0.48 | 100 | 300 | 150 | |
| 60 | ST2045D | TMBS | 45 | 20 | 20 | 0.51 | 10 | 320 | 150 | |
| 61 | SP2050D | PMCD | 50 | 20 | 20 | 0.48 | 150 | 400 | 150 | |
| 62 | ST2060D | TMBS | 60 | 20 | - | - | - | - | - | |
| 63 | ST20100D | TMBS | 100 | 20 | 20 | 0.63 | 50 | 320 | 150 | |
| 64 | SP545L | PMCD | 45 | 5 | 5 | 0.42 | 50 | 120 | 150 |  TO-277B |
| 65 | SP560L | PMCD | 60 | 5 | 5 | 0.47 | 30 | 120 | 150 | |
| 66 | ST5100L | TMBS | 100 | 5 | 5 | 0.56 | 15 | 120 | 150 | |
| 67 | ST5150L | TMBS | 150 | 5 | 5 | 0.74 | 5 | 120 | 150 | |
| 68 | SP5200L | PMCD | 200 | 5 | 5 | 0.78 | 2 | 140 | 150 | |
| 69 | SP5300L | PMCD | 300 | 5 | 5 | 0.89 | 5 | 100 | 150 | |
| 70 | SP8200L | PMCD | 200 | 8 | 8 | 0.50 | 5 | 180 | 150 | |
| 71 | SP10V45L | PMCD | 45 | 10 | 10 | 0.45 | 60 | 150 | 150 | |
| 72 | SP1045L | PMCD | 45 | 10 | 10 | 0.42 | 80 | 250 | 150 | |
| 73 | SP10W45L | PMCD | 45 | 10 | 10 | 0.41 | 50 | 280 | 150 | |
| 74 | ST1045L | TMBS | 45 | 10 | 10 | 0.45 | 10 | 220 | 150 | |
| 75 | SP10V60L | PMCD | 60 | 10 | 10 | 0.53 | 50 | 180 | 150 | |
| 76 | SP1060L | PMCD | 60 | 10 | 10 | 0.46 | 100 | 250 | 150 | |
| 77 | ST10V80L | TMBS | 80 | 10 | 10 | 0.60 | 20 | 160 | 150 | |
| 78 | ST1080L | TMBS | 80 | 10 | 10 | 0.54 | 30 | 220 | 150 | |
| 79 | ST10W80L | TMBS | 80 | 10 | 10 | 0.47 | 50 | 320 | 150 | |
| 80 | ST10V100L | TMBS | 100 | 10 | 10 | 0.66 | 30 | 160 | 150 | |
| 81 | ST10100L | TMBS | 100 | 10 | 10 | 0.60 | 15 | 220 | 150 | |
| 82 | ST10U100L | TMBS | 100 | 10 | 10 | 0.55 | 30 | 250 | 150 | |
| 83 | ST10120L | TMBS | 120 | 10 | 10 | 0.73 | 35 | 220 | 150 | |
| 84 | ST10150L | TMBS | 150 | 10 | 10 | 0.75 | 15 | 220 | 150 | |
| 85 | SP10200L | PMCD | 200 | 10 | 10 | 0.88 | 5 | 150 | 150 | |
| 86 | SP10300L | PMCD | 300 | 10 | 10 | 0.96 | 5 | 180 | 150 | |
| 87 | SP15V45L | PMCD | 45 | 15 | 15 | 0.47 | 50 | 250 | 150 | |
| 88 | SP1545L | PMCD | 45 | 15 | 15 | 0.46 | 80 | 280 | 150 | |
| 89 | SP15V50L | PMCD | 50 | 15 | 15 | 0.57 | 100 | 280 | 150 | |
| 90 | SP1550L | PMCD | 50 | 15 | 15 | 0.50 | 150 | 280 | 150 | |
| 91 | SP15V60L | PMCD | 60 | 15 | 15 | 0.57 | 100 | 250 | 150 | |
| 92 | SP1560L | PMCD | 60 | 15 | 15 | 0.52 | 150 | 280 | 150 | |
| 93 | ST1560L | TMBS | 60 | 15 | 15 | 0.52 | 20 | 280 | 150 | |
| 94 | ST1580L | TMBS | 80 | 15 | 15 | 0.58 | 60 | 270 | 150 | |
| 95 | ST15V100L | TMBS | 100 | 15 | 15 | 0.72 | 50 | 250 | 150 | |
| 96 | ST15100L | TMBS | 100 | 15 | 15 | 0.65 | 60 | 250 | 150 | |
| 97 | ST15120L | TMBS | 120 | 15 | 15 | 0.80 | 30 | 250 | 150 | |
| 98 | ST15V150L | TMBS | 150 | 15 | - | - | - | - | - | |
| 99 | ST15150L | TMBS | 150 | 15 | 15 | 0.78 | 10 | 250 | 150 | |
| 100 | ST15200L | TMBS | 200 | 15 | - | - | - | - | - | |
| 101 | SP2045L | PMCD | 45 | 20 | 20 | 0.47 | 120 | 300 | 150 | |
| 102 | ST2045L | TMBS | 45 | 20 | 20 | 0.52 | 35 | 280 | 150 | |
| 103 | ST20U45L | TMBS | 45 | 20 | 20 | 0.47 | 35 | 400 | 150 | |
| 104 | SP20S50L | PMCD | 50 | 20 | 20 | 0.56 | 100 | 250 | 150 | |
| 105 | SP2050L | PMCD | 50 | 20 | 20 | 0.53 | 250 | 300 | 150 | |
| 106 | ST2050L | TMBS | 50 | 20 | - | - | - | - | - | |
| 107 | SP2060L | PMCD | 60 | 20 | 20 | 0.54 | 70 | 300 | 150 | |
| 108 | ST2060L | TMBS | 60 | 20 | 20 | 0.58 | 15 | 280 | 150 | |
| 109 | ST20120L | TMBS | 120 | 20 | - | - | - | - | - | |

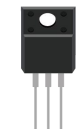
Low Forward Voltage Schottky Rectifiers

| Item | Part Number | Family | V _{RRM} (V) | I _F (A) | I _F per leg (A) | V _F (V) | I _R (μ A) | I _{FSM} (A) | T _J (°C) | Package |
|------|-------------|--------|-------------------------|-----------------------|-------------------------------|-----------------------|------------------------------|-------------------------|------------------------|---|
| 110 | ST20150L | TMBS | 150 | 20 | 20 | 0.88 | 40 | 320 | 150 |  |
| 111 | SP20300L | PMCD | 300 | 20 | 20 | 1.02 | 5 | 250 | 150 | |
| 112 | ST20V80L | TMBS | 80 | 20 | 20 | 0.68 | 30 | 200 | 150 | |
| 113 | ST20M80L | TMBS | 80 | 20 | 20 | 0.62 | 50 | 280 | 150 | |
| 114 | ST2080L | TMBS | 80 | 20 | 20 | 0.57 | 50 | 320 | 150 | |
| 115 | ST20100L | TMBS | 100 | 20 | 20 | 0.65 | 60 | 320 | 150 | |
| 116 | ST3045L | TMBS | 45 | 30 | 30 | 0.58 | 40 | 400 | 150 | |
| 117 | ST3060L | TMBS | 60 | 30 | 30 | 0.60 | 60 | 400 | 150 | |
| 118 | ST3100 | TMBS | 100 | 3 | - | - | - | - | - | |
| 119 | SP3200 | PMCD | 200 | 3 | 3 | 0.86 | 5 | 100 | 150 | |
| 120 | SP3300 | PMCD | 300 | 3 | 3 | 0.89 | 10 | 100 | 150 | |
| 121 | SP540 | PMCD | 40 | 5 | 5 | 0.43 | 50 | 120 | 150 | |
| 122 | ST5U80 | TMBS | 80 | 5 | 5 | 0.51 | 10 | 120 | 150 | |
| 123 | ST5V100 | TMBS | 100 | 5 | 5 | 0.73 | 30 | 80 | 150 | |
| 124 | ST5100 | TMBS | 100 | 5 | 5 | 0.65 | 20 | 100 | 150 | |
| 125 | ST5M100 | TMBS | 100 | 5 | 5 | 0.57 | 10 | 120 | 150 | |
| 126 | ST5U100 | TMBS | 100 | 5 | 5 | 0.56 | 20 | 120 | 150 | |
| 127 | ST5150 | TMBS | 150 | 5 | 5 | 0.84 | 2 | 80 | 150 | |
| 128 | SP5200 | PMCD | 200 | 5 | 5 | 0.78 | 2.000 | 120 | 150 | |
| 129 | SP5300 | PMCD | 300 | 5 | 5 | 0.82 | 5 | 140 | 150 | |
| 130 | ST6100 | TMBS | 100 | 6 | 6 | 0.60 | 10 | 100 | 150 | |
| 131 | ST6U100 | TMBS | 100 | 6 | 6 | 0.58 | 10 | 120 | 150 | |
| 132 | SP1045 | PMCD | 45 | 10 | 10 | 0.45 | 80 | 250 | 150 | |
| 133 | SP1060 | PMCD | 60 | 10 | 10 | 0.49 | 70 | 250 | 150 | |
| 134 | ST10V100 | TMBS | 100 | 10 | 10 | 0.71 | 20 | 150 | 150 | |
| 135 | ST10100 | TMBS | 100 | 10 | 10 | 0.57 | 50 | 200 | 150 | |
| 136 | ST10120 | TMBS | 120 | 10 | 10 | 0.74 | 20 | 220 | 150 | |
| 137 | SP10200 | PMCD | 200 | 10 | - | - | - | - | - | |
| 138 | SP10300 | PMCD | 300 | 10 | 10 | 1.00 | 5 | 120 | 150 | |
| 139 | SP1545 | PMCD | 45 | 15 | 15 | 0.48 | 105 | 280 | 150 | |
| 140 | ST1560 | TMBS | 60 | 15 | 15 | 0.56 | 30 | 280 | 150 | |
| 141 | SP1560 | PMCD | 60 | 15 | - | - | - | - | - | |
| 142 | ST1580 | TMBS | 80 | 20 | 20 | 0.60 | 50 | 250 | 150 | |
| 143 | ST15100 | TMBS | 100 | 15 | 15 | 0.62 | 30 | 250 | 150 | |
| 144 | ST15200 | TMBS | 200 | 15 | 15 | 0.92 | 10 | 250 | 150 | |
| 145 | SP1045TB | PMCD | 45 | 10 | 10 | 0.45 | 50 | 150 | 150 | |
| 146 | SP1060TB | PMCD | 60 | 10 | 10 | 0.49 | 100 | 180 | 150 | |
| 147 | ST10150TB | TMBS | 150 | 10 | 5 | 0.80 | 1.5 | 80 | 150 | |
| 148 | SP10200TB | PMCD | 200 | 10 | 5 | - | - | - | - | |
| 149 | SP15200TB | PMCD | 200 | 15 | - | - | - | - | - | |
| 150 | SP10300TB | PMCD | 300 | 10 | 10 | 0.93 | 5 | 180 | 150 | |
| 151 | SP2045TB | PMCD | 45 | 20 | 20 | 0.55 | 180 | 280 | 150 | |
| 152 | SP2060TB | PMCD | 60 | 20 | 20 | 0.57 | 100 | 280 | 150 | |
| 153 | ST20100TB | TMBS | 100 | 20 | 10 | 0.67 | 10 | 150 | 150 | |
| 154 | ST20150TB | TMBS | 150 | 20 | 10 | 0.82 | 10 | 150 | 150 | |
| 155 | ST3045TB | TMBS | 45 | 30 | 30 | 0.70 | 10 | 320 | 150 | |
| 156 | ST10U100TA | TMBS | 100 | 10 | 10 | 0.56 | 20 | 150 | 150 | |
| 157 | ST10100TA | TMBS | 100 | 10 | 5 | 0.74 | 20 | 80 | 150 | |
| 158 | ST10150TA | TMBS | 150 | 10 | 5 | 0.81 | 1 | 80 | 150 | |
| 159 | SP10200TA | PMCD | 200 | 10 | 5 | 0.85 | 10 | 100 | 150 | |
| 160 | SP10300TA | PMCD | 300 | 10 | 5 | 0.96 | 10 | 100 | 150 | |
| 161 | ST15100TA | TMBS | 100 | 15 | 5 | 0.71 | 30 | 150 | 150 | |
| 162 | ST15120TA | TMBS | 120 | 15 | 7.5 | 0.88 | 30 | 220 | 150 | |
| 163 | ST15150TA | TMBS | 150 | 15 | 7.5 | 0.88 | 5 | 220 | 150 | |
| 164 | SP15200TA | PMCD | 200 | 15 | 7.5 | 0.85 | 10 | 120 | 150 | |
| 165 | SP15300TA | PMCD | 300 | 15 | 7.5 | 0.98 | 5 | 120 | 150 | |
| 166 | SP2045TA | PMCD | 45 | 20 | 10 | 0.50 | 60 | 150 | 150 | |



Low Forward Voltage Schottky Rectifiers




| Item | Part Number | Family | V _{RRM} (V) | I _F (A) | I _F per leg (A) | V _F (V) | I _R (μ A) | I _{FSM} (A) | T _J ($^{\circ}$ C) | Package |
|------|-------------|--------|-------------------------|-----------------------|-------------------------------|-----------------------|------------------------------|-------------------------|-----------------------------------|---|
| 167 | SP2060TA | PMCD | 60 | 20 | 10 | 0.55 | 100 | 180 | 150 |  TO-263AB |
| 168 | ST20100TA | TMBS | 100 | 20 | 10 | 0.66 | 20 | 150 | 150 | |
| 169 | ST20H100TA | TMBS | 100 | 20 | 10 | 0.76 | 1 | 150 | 150 | |
| 170 | ST20V100TA | TMBS | 100 | 20 | 10 | 0.69 | 20 | 150 | 150 | |
| 171 | SP3045TA | PMCD | 45 | 30 | - | 0.49 | 60 | 250 | 150 | |
| 172 | SP3060TA | PMCD | 60 | 30 | 15 | 0.53 | 100 | 250 | 150 | |
| 173 | ST4045TA | TMBS | 45 | 40 | 40 | 0.59 | 15 | 400 | 150 | |
| 174 | SP4045TA | PMCD | 45 | 40 | 20 | 0.54 | 100 | 280 | 150 | |
| 175 | SP20200TA | PMCD | 200 | 20 | 10 | 0.86 | 60 | 180 | 150 | |
| 176 | SP20300TA | PMCD | 300 | 20 | 10 | 0.93 | 10 | 180 | 150 | |
| 177 | ST30100TA | TMBS | 100 | 30 | 15 | 0.66 | 20 | 150 | 150 | |
| 178 | ST30150TA | TMBS | 150 | 30 | 15 | 0.82 | 5 | 220 | 150 | |
| 179 | SP30300TA | PMCD | 300 | 30 | 15 | 0.98 | 5 | 250 | 150 | |
| 180 | ST40100TA | TMBS | 100 | 40 | 20 | 0.73 | 40 | 250 | 150 | |
| 181 | ST40U100TA | TMBS | 100 | 40 | 20 | 0.67 | 60 | 320 | 150 | |
| 182 | ST40U120TA | TMBS | 120 | 40 | - | - | - | - | - | |
| 183 | ST60100TA | TMBS | 100 | 60 | 30 | 0.70 | 40 | 320 | 150 | |
| 184 | SP1045FCT | PMCD | 45 | 10 | 5 | 0.49 | 80 | 150 | 150 | |
| 185 | ST10100FCT | TMBS | 100 | 10 | 5 | 0.70 | 30 | 80 | 150 | |
| 186 | ST10150FCT | TMBS | 150 | 10 | 5 | 0.82 | 5 | 80 | 150 | |
| 187 | SP10200FCT | PMCD | 200 | 10 | 5 | 0.85 | 10 | 100 | 150 | |
| 188 | SP10300FCT | PMCD | 300 | 10 | 5 | 0.96 | 5 | 100 | 150 | |
| 189 | SP15200FCT | PMCD | 200 | 15 | 7.5 | 0.85 | 10 | 120 | 150 | |
| 190 | SP15300FCT | PMCD | 300 | 15 | 7.5 | 0.98 | 5 | 120 | 150 | |
| 191 | SP2045FCT | PMCD | 45 | 20 | 10 | 0.50 | 60 | 150 | 150 | |
| 192 | SP2060FCT | PMCD | 60 | 20 | 10 | 0.55 | 100 | 180 | 150 | |
| 193 | ST20V100FCT | TMBS | 100 | 20 | 10 | 0.69 | 20 | 150 | 150 | |
| 194 | ST20100FCT | TMBS | 100 | 20 | 10 | 0.66 | 20 | 150 | 150 | |
| 195 | ST20H100FCT | TMBS | 100 | 20 | 10 | 0.70 | 1 | 160 | 175 | |
| 196 | ST20150FCT | TMBS | 150 | 20 | 10 | 0.82 | 20 | 150 | 150 | |
| 197 | SP20200FCT | PMCD | 200 | 20 | 10 | 0.81 | 40 | 180 | 150 | |
| 198 | ST20H200FCT | TMBS | 200 | 20 | 10 | 0.82 | 1 | 160 | 175 | |
| 199 | SP20V300FCT | PMCD | 300 | 20 | 10 | 0.94 | 2 | 120 | 150 | |
| 200 | SP20300FCT | PMCD | 300 | 20 | 10 | 0.93 | 10 | 180 | 150 | |
| 201 | SP3045FCT | PMCD | 45 | 30 | 15 | 0.49 | 60 | 250 | 150 | |
| 202 | SP3060FCT | PMCD | 60 | 30 | 15 | 0.53 | 100 | 250 | 150 | |
| 203 | SP3080FCT | PMCD | 80 | 30 | 15 | 0.68 | 80 | 250 | 150 | |
| 204 | ST30100FCT | TMBS | 100 | 30 | 15 | 0.66 | 20 | 150 | 150 | |
| 205 | ST30120FCT | TMBS | 120 | 30 | 15 | 0.94 | 50 | 200 | 150 | |
| 206 | ST30H120FCT | TMBS | 120 | 30 | 15 | 0.79 | 5 | 220 | 175 | |
| 207 | ST30U120FCT | TMBS | 120 | 30 | 15 | 0.74 | 20 | 320 | 150 | |
| 208 | ST30150FCT | TMBS | 150 | 30 | 15 | 0.82 | 5 | 220 | 150 | |
| 209 | ST30H150FCT | TMBS | 150 | 30 | 15 | 0.81 | 5 | 220 | 175 | |
| 210 | ST30H200FCT | TMBS | 200 | 30 | 15 | 0.84 | 1 | 220 | 150 | |
| 211 | SP30300FCT | PMCD | 300 | 30 | 15 | 0.98 | 5 | 250 | 175 | |
| 212 | SP4045FCT | PMCD | 45 | 40 | 20 | 0.54 | 100 | 280 | 150 | |
| 213 | SP40U45FCT | PMCD | 45 | 40 | 20 | 0.49 | 70 | 300 | 150 | |
| 214 | SP4060FCT | PMCD | 60 | 40 | 20 | 0.56 | 150 | 300 | 150 | |
| 215 | ST40100FCT | TMBS | 100 | 40 | 20 | 0.72 | 20 | 250 | 150 | |
| 216 | ST40120FCT | TMBS | 120 | 40 | 20 | 0.77 | 25 | 320 | 150 | |
| 217 | ST40150FCT | TMBS | 150 | 40 | 20 | 0.85 | 10 | 250 | 150 | |
| 218 | ST60100FCT | TMBS | 100 | 60 | 30 | 0.70 | 25 | 320 | 150 | |
| 219 | ST60U100FCT | TMBS | 100 | 60 | 30 | 0.74 | 60 | 400 | 150 | |
| 220 | ST60200FCT | TMBS | 200 | 60 | 30 | 1.10 | 10 | 320 | 150 | |
| 221 | ST10100CT | TMBS | 100 | 10 | 5 | 0.70 | 30 | 80 | 150 | |
| 222 | ST10U100CT | TMBS | 100 | 10 | 5 | 0.58 | 30 | 150 | 150 | |
| 223 | ST10150CT | TMBS | 150 | 10 | 5 | 0.82 | 5 | 80 | 150 | |









ITO-220AB





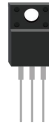
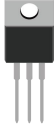


Low Forward Voltage Schottky Rectifiers

| Item | Part Number | Family | V _{RRM} (V) | I _F (A) | I _F per leg (A) | V _F (V) | I _R (μ A) | I _{FSM} (A) | T _J ($^{\circ}$ C) | Package |
|------|-------------|--------|-------------------------|-----------------------|-------------------------------|-----------------------|------------------------------|-------------------------|-----------------------------------|--|
| 224 | SP10200CT | PMCD | 200 | 10 | 5 | 0.85 | 10 | 100 | 150 |  TO-220AB |
| 225 | SP10300CT | PMCD | 300 | 10 | 5 | 0.96 | 5 | 100 | 150 | |
| 226 | ST15100CT | TMBS | 100 | 15 | 15 | 0.71 | 30 | 150 | 150 | |
| 227 | ST15120CT | TMBS | 120 | 15 | 15 | 0.88 | 30 | 220 | 150 | |
| 228 | ST15150CT | TMBS | 150 | 15 | 15 | 0.88 | 5 | 220 | 150 | |
| 229 | SP15200CT | PMCD | 200 | 15 | 7.5 | 0.85 | 10 | 120 | 150 | |
| 230 | SP15300CT | PMCD | 300 | 15 | 7.5 | 0.98 | 5 | 120 | 150 | |
| 231 | SP2045CT | PMCD | 45 | 20 | 10 | 0.50 | 60 | 150 | 150 | |
| 232 | SP2060CT | PMCD | 60 | 20 | 10 | 0.55 | 100 | 180 | 150 | |
| 233 | ST20V100CT | TMBS | 100 | 20 | 10 | 0.69 | 20 | 150 | 150 | |
| 234 | ST20100CT | TMBS | 100 | 20 | 10 | 0.66 | 20 | 150 | 150 | |
| 235 | ST20H100CT | TMBS | 100 | 20 | 10 | 0.70 | 1 | 160 | 175 | |
| 236 | ST20150CT | TMBS | 150 | 20 | 10 | 0.82 | 20 | 150 | 150 | |
| 237 | SP20200CT | PMCD | 200 | 20 | 10 | 0.81 | 40 | 180 | 150 | |
| 238 | ST20H200CT | TMBS | 200 | 20 | 10 | 0.82 | 1 | 160 | 175 | |
| 239 | SP20V300CT | PMCD | 300 | 20 | 10 | 0.94 | 2 | 120 | 150 | |
| 240 | SP20300CT | PMCD | 300 | 20 | 10 | 0.93 | 10 | 180 | 150 | |
| 241 | SP3045CT | PMCD | 45 | 30 | 15 | 0.49 | 60 | 250 | 150 | |
| 242 | SP3060CT | PMCD | 60 | 30 | 15 | 0.53 | 100 | 250 | 150 | |
| 243 | SP3080CT | PMCD | 80 | 30 | 15 | 0.68 | 80 | 250 | 150 | |
| 244 | ST30100CT | TMBS | 100 | 30 | 15 | 0.66 | 20 | 150 | 150 | |
| 245 | ST30H120CT | TMBS | 120 | 30 | 15 | 0.79 | 5 | 220 | 175 | |
| 246 | ST30U120CT | TMBS | 120 | 30 | 15 | 0.74 | 20 | 320 | 150 | |
| 247 | ST30150CT | TMBS | 150 | 30 | 15 | 0.82 | 5 | 220 | 150 | |
| 248 | ST30H150CT | TMBS | 150 | 30 | 15 | 0.81 | 5 | 220 | 175 | |
| 249 | ST30H200CT | TMBS | 200 | 30 | 15 | 0.84 | 1 | 220 | 150 | |
| 250 | SP30300CT | PMCD | 300 | 30 | 15 | 0.98 | 5 | 250 | 175 | |
| 251 | SP4045CT | PMCD | 45 | 40 | 20 | 0.54 | 100 | 280 | 150 | |
| 252 | SP40U45CT | PMCD | 45 | 40 | 20 | 0.49 | 70 | 300 | 150 | |
| 253 | SP4060CT | PMCD | 60 | 40 | 20 | 0.56 | 150 | 300 | 150 | |
| 254 | ST40100CT | TMBS | 100 | 40 | 20 | 0.72 | 20 | 250 | 150 | |
| 255 | ST40U100CT | TMBS | 100 | 40 | 20 | 0.67 | 60 | 320 | 150 | |
| 256 | ST40120CT | TMBS | 120 | 40 | 20 | 0.77 | 25 | 320 | 150 | |
| 257 | ST40U120CT | TMBS | 120 | 40 | - | - | - | - | - | |
| 258 | ST40150CT | TMBS | 150 | 40 | 20 | 0.85 | 10 | 250 | 150 | |
| 259 | ST60100CT | TMBS | 100 | 60 | 30 | 0.70 | 25 | 320 | 150 | |
| 260 | ST60200CT | TMBS | 200 | 60 | 30 | 1.10 | 10 | 320 | 150 | |
| 261 | ST30100CTL | TMBS | 100 | 30 | 15 | 0.73 | 50 | 200 | 150 |  TO-262L |
| 262 | SP20200PT | PMCD | 200 | 20 | - | - | - | - | - |  TO-247 |
| 263 | ST30U150PT | TMBS | 150 | 30 | - | - | - | - | - | |
| 264 | SP40U45PT | PMCD | 45 | 40 | - | - | - | - | - | |
| 265 | ST40100PT | TMBS | 100 | 40 | 20 | 0.71 | 30 | 250 | 150 | |
| 266 | SP40200PT | PMCD | 200 | 40 | 20 | 0.87 | 1 | 250 | 150 | |
| 267 | SP6045PT | PMCD | 45 | 60 | - | - | - | - | - | |
| 268 | ST60100PT | TMBS | 100 | 60 | 30 | 0.76 | 50 | 320 | 150 | |
| 269 | ST8045PT | TMBS | 45 | 80 | 40 | 0.55 | 30 | 400 | 150 | |



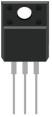
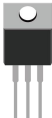
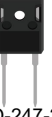
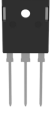

Schottky Bridge Rectifiers

| Item | Part Number | Family | V_{RRM} (V) | I_F (A) | V_F (V) | I_R (μ A) | I_{FSM} (A) | T_J ($^{\circ}$ C) | Package |
|------|-------------|---------|------------------|--------------|--------------|---------------------|------------------|--------------------------|--|
| 1 | ESP5L10 | PMCD | 100 | 5 | 0.72 | 80 | 120 | 150 |  ESP |
| 2 | ESP5L6 | PMCD | 60 | 5 | 0.53 | 70 | 120 | 150 | |
| 3 | ESP56 | STd SKY | 60 | 5 | - | - | - | 150 | |
| 4 | ESP510 | Std SKY | 100 | 5 | 0.77 | 5 | 120 | 150 | |
| 5 | DSB56 | PMCD | 60 | 5 | 0.49 | 30 | 120 | 150 |  DBLJ |
| 6 | DSB510 | PMCD | 100 | 5 | 0.72 | 80 | 120 | 150 | |
| 7 | MBM10 | PMCD | 100 | 1 | 0.72 | 5 | 30 | 150 |  MBS |
| 8 | MBT4 | TMBS | 40 | 1 | 0.39 | 50 | 30 | 125 | |
| 9 | MBT6 | TMBS | 60 | 1 | 0.42 | 30 | 30 | 125 | |
| 10 | ABM240 | PMCD | 40 | 2 | 0.44 | 20 | 50 | 150 | |
| 11 | ABMT240 | TMBS | 40 | 2 | - | - | - | - | |
| 12 | ABM260 | PMCD | 60 | 2 | 0.470 | 30 | 50 | 150 | |
| 13 | ABM2100 | PMCD | 100 | 2 | 0.720 | 7.5 | 50 | 150 | |
| 14 | ABM340 | PMCD | 50 | 3 | 0.41 | 30 | 60 | 150 | |
| 15 | ABM360 | PMCD | 60 | 3 | 0.455 | 32 | 80 | 150 | |
| 16 | ABM3100 | PMCD | 100 | 3 | - | - | - | 150 | |
| 17 | AFM240 | PMCD | 40 | 2 | - | - | - | - |  MBF |
| 18 | SB420BU | PMCD | 200 | 4 | 0.75 | 1 | 85 | 150 |  GBU |
| 19 | SB6205S | PMCD | 200 | 6 | 0.785 | 1 | 120 | 150 |  GBJ |

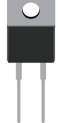
Fast Recovery Epitaxial Rectifiers

| Item | Part Number | V_{RRM} (V) | I_F (A) | V_F (V) | I_R (μ A) | I_{FSM} (A) | T_J ($^{\circ}$ C) | T_{RR} (ns) | Package |
|------|-------------|------------------|--------------|--------------|---------------------|------------------|--------------------------|------------------|--|
| 1 | SE1JHS | 600 | 1 | 1.6 | 1 | 18 | 150 | 30 |  SOD-123HS |
| 2 | SE540L | 400 | 5 | 1.3 | 3 | 80 | 150 | 35 |  TO-277B |
| 3 | SE840L | 400 | 8 | 1.35 | 3 | 80 | 150 | 35 | |
| 4 | SE860L | 600 | 8 | 1.45 | 0.5 | 80 | 175 | 35 | |
| 5 | SE1660FCT | 600 | 16 | 1.45 | 0.5 | 80 | 175 | 35 |  ITO-220AB |
| 6 | SE2040CT | 400 | 20 | 1.4 | 3 | 150 | 175 | 35 |  TO-220AB |
| 7 | SE2060CT | 600 | 20 | 1.6 | 1 | 175 | 150 | 35 | |
| 8 | SE3060CT | 600 | 30 | 2.4 | 1 | 180 | 150 | 30 | |
| 9 | SE4060CT | 600 | 40 | 2.6 | 1 | 180 | 150 | 30 | |
| 10 | SE6060CT | 600 | 60 | 2.8 | 2 | 300 | 150 | 50 | |
| 11 | SE1660CT | 600 | 16 | 1.45 | 0.5 | 80 | 175 | 35 | |
| 12 | SE540CO | 400 | 5 | 1.3 | 3 | 80 | 150 | 35 |  TO-220AC |
| 13 | SE840CO | 400 | 8 | 1.35 | 3 | 80 | 150 | 35 | |
| 14 | SE860CO | 600 | 8 | 1.45 | 0.5 | 80 | 175 | 35 | |
| 15 | SE2040PT | 400 | 20 | 1.4 | 3 | 150 | 175 | 35 |  TO-247 |
| 16 | SE2060PT | 600 | 20 | 1.6 | 1 | 175 | 150 | 35 | |
| 17 | SE3060PT | 600 | 30 | 2.4 | 1 | 180 | 150 | 30 | |
| 18 | SE4060PT | 600 | 40 | 2.6 | 1 | 180 | 150 | 30 | |
| 19 | SE6060PT | 600 | 60 | 2.8 | 2 | 300 | 150 | 50 | |




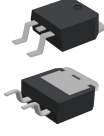
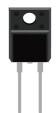
Super Fast Rectifiers

| Item | Part Number | V _{RRM} (V) | I _F (A) | V _F (V) | I _R (μ A) | I _{FSM} (A) | T _J ($^{\circ}$ C) | T _{RR} (ns) | Package | |
|------|-------------|-------------------------|-----------------------|-----------------------|------------------------------|-------------------------|-----------------------------------|-------------------------|--|---|
| 1 | MURS160A | 600 | 1 | 1.15 | 5 | 38 | 175 | 35 |  SMA | |
| 2 | SF560TB | 600 | 5 | 1.44 | 10 | 65 | 175 | 35 |  TO-252 | |
| 3 | SF840TB | 400 | 8 | 1.28 | 10 | 120 | 175 | 35 | | |
| 4 | SF860TB | 600 | 8 | 1.3 | 10 | 110 | 175 | 35 | | |
| 5 | SF1040TB | 400 | 10 | 1.18 | 10 | 120 | 175 | 35 | | |
| 6 | SF1220FCT | 200 | 12 | 0.91 | 0.01 | 100 | 150 | 35 | | |
| 7 | SF1620FCT | 200 | 16 | 0.92 | 0.01 | 160 | 150 | 35 |  ITO-220AB | |
| 8 | SF2020FCT | 200 | 20 | 0.92 | 0.01 | 180 | 150 | 35 | | |
| 9 | SF3020FCT | 200 | 30 | 0.97 | 0.01 | 150 | 175 | 25 | | |
| 10 | SF4020FCT | 200 | 40 | 1 | 0.02 | 220 | 150 | 35 | | |
| 11 | SF5020FCT | 200 | 50 | 0.95 | 0.02 | 260 | 150 | 35 | | |
| 12 | SF1630FCT | 300 | 16 | 1.10 | 0.01 | 130 | 150 | 35 | | |
| 13 | SF1040FCT | 400 | 10 | 1.15 | 0.01 | 70 | 150 | 35 | | |
| 14 | SF1640FCT | 400 | 16 | 1.28 | 0.01 | 120 | 150 | 35 | | |
| 15 | SF2040FCT | 400 | 20 | 1.13 | 0.01 | 160 | 150 | 35 | | |
| 16 | MUR3040FCT | 400 | 30 | 1.20 | 0.02 | 320 | 150 | 50 | | |
| 17 | SF860FCT | 600 | 8 | 1.30 | 0.01 | 65 | 150 | 35 | | |
| 18 | SF1060FCT | 600 | 10 | 1.30 | 0.01 | 90 | 150 | 35 | | |
| 19 | SF1660FCT | 600 | 16 | 1.30 | 0.015 | 110 | 150 | 35 | | |
| 20 | SF2060FCT | 600 | 20 | 1.40 | 0.03 | 180 | 150 | 35 | | |
| 21 | MUR3060FCT | 600 | 30 | 1.40 | 0.02 | 250 | 150 | 50 | | |
| 22 | SF2070FCT | 700 | 20 | 1.45 | 0.01 | 200 | 150 | 35 | | |
| 23 | MUR30120FCT | 1200 | 30 | 1.90 | 0.03 | 160 | 150 | 50 | | |
| 24 | MUR30150FCT | 1500 | 30 | 2.35 | 0.03 | 135 | 150 | 50 | | |
| 25 | SF1220CT | 200 | 12 | 0.91 | 0.01 | 100 | 150 | 35 | |  TO-220AB |
| 26 | SF1620CT | 200 | 16 | 0.92 | 0.01 | 160 | 150 | 35 | | |
| 27 | SF2020CT | 200 | 20 | 0.92 | 0.01 | 180 | 150 | 35 | | |
| 28 | SF3020CT | 200 | 30 | 0.97 | 0.01 | 150 | 175 | 25 | | |
| 29 | SF4020CT | 200 | 40 | 1 | 0.02 | 220 | 150 | 35 | | |
| 30 | SF5020CT | 200 | 50 | 0.95 | 0.02 | 260 | 150 | 35 | | |
| 31 | SF1630CT | 300 | 16 | 1.10 | 0.01 | 130 | 150 | 35 | | |
| 32 | SF1040CT | 400 | 10 | 1.15 | 0.01 | 70 | 150 | 35 | | |
| 33 | SF1640CT | 400 | 16 | 1.28 | 0.01 | 120 | 150 | 35 | | |
| 34 | SF2040CT | 400 | 20 | 1.13 | 0.01 | 160 | 150 | 35 | | |
| 35 | MUR3040CT | 400 | 30 | 1.20 | 0.02 | 320 | 150 | 50 | | |
| 36 | SF860CT | 600 | 8 | 1.30 | 0.01 | 65 | 150 | 35 | | |
| 37 | SF1060CT | 600 | 10 | 1.30 | 0.01 | 90 | 150 | 35 | | |
| 38 | SF1660CT | 600 | 16 | 1.30 | 0.015 | 110 | 150 | 35 | | |
| 39 | SF2060CT | 600 | 20 | 1.40 | 0.03 | 180 | 150 | 35 | | |
| 40 | MUR3060CT | 600 | 30 | 1.40 | 0.02 | 250 | 150 | 50 | | |
| 41 | SF2070CT | 700 | 20 | 1.45 | 0.01 | 200 | 150 | 35 | | |
| 42 | MUR30120CT | 1200 | 30 | 1.90 | 0.03 | 160 | 150 | 50 | | |
| 43 | MUR30150CT | 1500 | 30 | 2.35 | 0.03 | 135 | 150 | 50 | | |
| 44 | MUR3060P | 600 | 30 | 2.3 | 1 | 300 | 150 | 50 |  TO-247-2 | |
| 45 | SF6030PT | 300 | 60 | 1.2 | 5 | 300 | 150 | 33 |  TO-247 | |
| 46 | MUR6060PT | 600 | 60 | 2.4 | 5 | 300 | 150 | 40 | | |
| 47 | SF8040PT | 400 | 80 | 2.3 | 5 | 250 | 150 | 35 | | |
| 48 | MUR3060PT | 600 | 30 | 2.2 | 1 | 165 | 150 | 50 | | |
| 49 | AH860FCO | 600 | 8 | 2.8 | 1 | 90 | 150 | 20 |  ITO-220AC | |
| 50 | AH1060FCO | 600 | 10 | - | - | - | - | - | | |
| 51 | AH1260FCO | 600 | 12 | - | - | - | - | - | | |
| 52 | SF1060FCO | 600 | 10 | - | - | - | - | - | | |
| 53 | MUR1560FCO | 600 | 15 | - | - | - | - | - | | |
| 54 | MUR2060FCO | 600 | 20 | - | - | - | - | - | | |






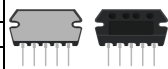
Super Fast Rectifiers

| Item | Part Number | V_{RRM} (V) | I_F (A) | V_F (V) | I_R (μ A) | I_{FSM} (A) | T_J ($^{\circ}$ C) | T_{RR} (ns) | Package |
|------|-------------|------------------|--------------|--------------|---------------------|------------------|--------------------------|------------------|---|
| 55 | MUR2060CO | 600 | 15 | - | - | - | - | - |  TO-220AC |

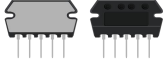
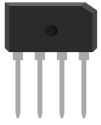
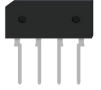
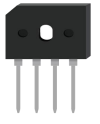
Standard Rectifiers

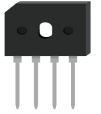
| Item | Part Number | V _{RRM} (V) | I _F (A) | V _F (V) | I _R (uA) | I _{FSM} (A) | T _J (°C) | Package |
|------|---------------|-------------------------|-----------------------|-----------------------|------------------------|-------------------------|------------------------|---|
| 1 | GR101H~GR110H | 100~1000 | 1 | 1.1 | 5 | 20 | 150 |  SOD-323HS |
| 2 | GR1AS~GR1MS | 400~1000 | 1 | 1.0 | 5 | 40 | 150 | |
| 3 | GR1A5S~GR1M5S | 400~1000 | 1.5 | 1.0 | 5 | 52 | 150 | |
| 4 | GR2AS~GR2MS | 400~1000 | 2 | 1.1 | 5 | 60 | 150 |  TO-277B |
| 5 | S3ML | 1000 | 3 | 0.94 | 3 | 120 | 150 | |
| 6 | S3UML | 1000 | 3 | 0.91 | 3 | 180 | 150 | |
| 7 | H3KL | 800 | 3 | 1.4 | 3 | 180 | 150 | |
| 8 | S8JL~S8ML | 600~1000 | 8 | 1 | 3 | 180 | 150 | |
| 9 | S10JL~S10ML | 600~1000 | 10 | 0.98 | 3 | 250 | 150 | |
| 10 | S12JL~S12ML | 600~1000 | 12 | 1 | 3 | 250 | 150 | |
| 11 | S1VA | 1600 | 1 | 1.1 | 5 | 30 | 150 | |
| 12 | S1WA | 1800 | 1 | 1.1 | 5 | 30 | 150 |  SMA |
| 13 | S1YA | 2000 | 1 | 1.1 | 5 | 30 | 150 | |
| 14 | S2VA | 1600 | 2 | 1.1 | 5 | 50 | 150 | |
| 15 | S2WA | 1800 | 2 | 1.1 | 5 | 50 | 150 | |
| 16 | S2YA | 2000 | 2 | 1.1 | 5 | 50 | 150 | |
| 17 | GR2010TA | 1000 | 20 | 1.1 | 3 | 400 | 150 |  TO-263AB |
| 18 | GR2010FC | 1000 | 20 | 1.1 | 5 | 350 | 150 |  ITO-220AC |

Standard Bridge Rectifiers

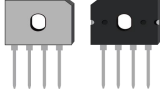

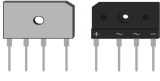
| Item | Part Number | V_{RRM} | $I_F@T_c$ | | $V_F@I_F$ | | $I_{RRM}@T_A$ | | V_{ISO} (Insulating Voltage) | I_{FSM} | T_J | Package | |
|------|-------------|-----------|-----------|------|-----------|------|---------------|-----------|-----------------------------------|-----------|-------|---|---|
| | | (V) | (A) | (°C) | (V) | (A) | 25°C(μA) | 100°C(μA) | (V) | (A) | (°C) | | |
| 1 | EF3M | 1000 | 3 | 25 | 1.17 | 3 | 5 | 100 | - | 80 | 150 |  ESP | |
| 2 | ABM1M | 1000 | 1 | 25 | 0.99 | 1 | 5 | 100 | - | 30 | 150 |  ABS | |
| 3 | MSB206 | 600 | 2 | 110 | 1.1 | 2 | 5 | 100 | - | 60 | 150 |  MSB | |
| 4 | MSB208 | 800 | 2 | 110 | 1.1 | 2 | 5 | 100 | - | 60 | 150 | | |
| 5 | MSB210 | 1000 | 2 | 110 | 1.1 | 2 | 5 | 100 | - | 60 | 150 | | |
| 6 | MSB306 | 600 | 3 | 110 | 1.1 | 3 | 5 | 100 | - | 80 | 150 | | |
| 7 | MSB308 | 800 | 3 | 110 | 1.1 | 3 | 5 | 100 | - | 80 | 150 | | |
| 8 | MSB310 | 1000 | 3 | 110 | 1.1 | 3 | 5 | 100 | - | 80 | 150 | | |
| 9 | MSB406 | 600 | 4 | 110 | 1.1 | 4 | 5 | 100 | - | 90 | 150 | | |
| 10 | MSB408 | 800 | 4 | 110 | 1.1 | 4 | 5 | 100 | - | 90 | 150 | | |
| 11 | MSB410 | 1000 | 4 | 110 | 1.1 | 4 | 5 | 100 | - | 90 | 150 | | |
| 12 | MSB606 | 600 | 6 | 110 | 1.1 | 6 | 5 | 100 | - | 125 | 150 | | |
| 13 | MSB608 | 800 | 6 | 110 | 1.1 | 6 | 5 | 100 | - | 125 | 150 | | |
| 14 | MSB610 | 1000 | 6 | 110 | 1.1 | 6 | 5 | 100 | - | 125 | 150 | | |
| 15 | D2KB60 | 600 | 2 | 100 | 1.1 | 1 | 5 | 500 | 2000 | 60 | 150 | |  D3K |
| 16 | D2KB80 | 800 | 2 | 100 | 1.1 | 1 | 5 | 500 | 2000 | 60 | 150 | | |
| 17 | D2KB100 | 1000 | 2 | 100 | 1.1 | 1 | 5 | 500 | 2000 | 60 | 150 | | |
| 18 | D3KB60 | 600 | 3 | 100 | 1.1 | 1.5 | 5 | 500 | 2000 | 80 | 150 | | |
| 19 | D3KB80 | 800 | 3 | 100 | 1.1 | 1.5 | 5 | 500 | 2000 | 80 | 150 | | |
| 20 | D3KB100 | 1000 | 3 | 100 | 1.1 | 1.5 | 5 | 500 | 2000 | 80 | 150 | | |
| 21 | D4KB60 | 600 | 4 | 100 | 1.1 | 2 | 5 | 500 | 2000 | 135 | 150 | | |
| 22 | D4KB80 | 800 | 4 | 100 | 1.1 | 2 | 5 | 500 | 2000 | 135 | 150 | | |
| 23 | D4KB100 | 1000 | 4 | 100 | 1.1 | 2 | 5 | 500 | 2000 | 135 | 150 | | |
| 24 | D6KB60 | 600 | 6 | 100 | 1.1 | 3 | 5 | 500 | 2000 | 150 | 150 | | |
| 25 | D6KB80 | 800 | 6 | 100 | 1.1 | 3 | 5 | 500 | 2000 | 150 | 150 | | |
| 26 | D6KB100 | 1000 | 6 | 100 | 1.1 | 3 | 5 | 500 | 2000 | 150 | 150 | | |
| 27 | D8KB60 | 600 | 8 | 100 | 1.1 | 4 | 5 | 500 | 2000 | 170 | 150 | | |
| 28 | D8KB80 | 800 | 8 | 100 | 1.1 | 4 | 5 | 500 | 2000 | 170 | 150 | | |
| 29 | D8KB100 | 1000 | 8 | 100 | 1.1 | 4 | 5 | 500 | 2000 | 170 | 150 | | |
| 30 | SGBJ2506 | 600 | 25 | 100 | 1.2 | 12.5 | 5 | 500 | 2500 | 400 | 150 |  SGBJ | |
| 31 | SGBJ2508 | 800 | 25 | 100 | 1.2 | 12.5 | 5 | 500 | 2500 | 400 | 150 | | |
| 32 | SGBJ2510 | 1000 | 25 | 100 | 1.2 | 12.5 | 5 | 500 | 2500 | 400 | 150 | | |
| 33 | SGBJ2512 | 1200 | 25 | 100 | 1.2 | 12.5 | 5 | 500 | 2500 | 400 | 150 | | |
| 34 | SGBJ2514 | 1400 | 25 | 100 | 1.2 | 12.5 | 5 | 500 | 2500 | 400 | 150 | | |
| 35 | SGBJ2516 | 1600 | 25 | 100 | 1.2 | 12.5 | 5 | 500 | 2500 | 400 | 150 | | |
| 36 | SGBJ3006 | 600 | 30 | 100 | 1.2 | 15 | 5 | 500 | 2500 | 450 | 150 | | |
| 37 | SGBJ3008 | 800 | 30 | 100 | 1.2 | 15 | 5 | 500 | 2500 | 450 | 150 | | |
| 38 | SGBJ3010 | 1000 | 30 | 100 | 1.2 | 15 | 5 | 500 | 2500 | 450 | 150 | | |
| 39 | SGBJ3012 | 1200 | 30 | 100 | 1.2 | 15 | 5 | 500 | 2500 | 450 | 150 | | |
| 40 | SGBJ3014 | 1400 | 30 | 100 | 1.2 | 15 | 5 | 500 | 2500 | 450 | 150 | | |
| 41 | SGBJ3016 | 1600 | 30 | 100 | 1.2 | 15 | 5 | 500 | 2500 | 450 | 150 | | |
| 42 | SGBJ3506 | 600 | 35 | 100 | 1.2 | 17.5 | 5 | 500 | 2500 | 500 | 150 | | |
| 43 | SGBJ3508 | 800 | 35 | 100 | 1.2 | 17.5 | 5 | 500 | 2500 | 500 | 150 | | |
| 44 | SGBJ3510 | 1000 | 35 | 100 | 1.2 | 17.5 | 5 | 500 | 2500 | 500 | 150 | | |
| 45 | SGBJ3512 | 1200 | 35 | 100 | 1.2 | 17.5 | 5 | 500 | 2500 | 500 | 150 | | |
| 46 | SGBJ3514 | 1400 | 35 | 100 | 1.2 | 17.5 | 5 | 500 | 2500 | 500 | 150 | | |
| 47 | SGBJ3516 | 1600 | 35 | 100 | 1.2 | 17.5 | 5 | 500 | 2500 | 500 | 150 | | |
| 48 | SGBJ5006 | 600 | 50 | 100 | 1.2 | 25 | 5 | 500 | 2500 | 600 | 150 | | |
| 49 | SGBJ5008 | 800 | 50 | 100 | 1.2 | 25 | 5 | 500 | 2500 | 600 | 150 | | |
| 50 | SGBJ5010 | 1000 | 50 | 100 | 1.2 | 25 | 5 | 500 | 2500 | 600 | 150 | | |
| 51 | SGBJ5012 | 1200 | 50 | 100 | 1.2 | 25 | 5 | 500 | 2500 | 600 | 150 | | |
| 52 | SGBJ5014 | 1400 | 50 | 100 | 1.2 | 25 | 5 | 500 | 2500 | 600 | 150 | | |
| 53 | SGBJ5016 | 1600 | 50 | 100 | 1.2 | 25 | 5 | 500 | 2500 | 600 | 150 | | |
| 54 | 3GBJ2510 B | 1000 | 25 | 100 | 1.1 | 12.5 | 5 | 500 | 2500 | 400 | 150 |  3GBJ | |
| 55 | 3GBJ2512 B | 1200 | 25 | 100 | 1.1 | 12.5 | 5 | 500 | 2500 | 400 | 150 | | |
| 56 | 3GBJ2514 B | 1400 | 25 | 100 | 1.1 | 12.5 | 5 | 500 | 2500 | 400 | 150 | | |
| 57 | 3GBJ2516 B | 1600 | 25 | 100 | 1.1 | 12.5 | 5 | 500 | 2500 | 400 | 150 | | |
| 58 | 3GBJ3010 B | 1000 | 30 | 100 | 1.1 | 15 | 5 | 500 | 2500 | 450 | 150 | | |
| 59 | 3GBJ3012 B | 1200 | 30 | 100 | 1.1 | 15 | 5 | 500 | 2500 | 450 | 150 | | |
| 60 | 3GBJ3014 B | 1400 | 30 | 100 | 1.1 | 15 | 5 | 500 | 2500 | 450 | 150 | | |
| 61 | 3GBJ3016 B | 1600 | 30 | 100 | 1.1 | 15 | 5 | 500 | 2500 | 450 | 150 | | |
| 62 | 3GBJ3510 B | 1000 | 35 | 100 | 1.1 | 17.5 | 5 | 500 | 2500 | 500 | 150 | | |
| 63 | 3GBJ3512 B | 1200 | 35 | 100 | 1.1 | 17.5 | 5 | 500 | 2500 | 500 | 150 | | |
| 64 | 3GBJ3514 B | 1400 | 35 | 100 | 1.1 | 17.5 | 5 | 500 | 2500 | 500 | 150 | | |
| 65 | 3GBJ3516 B | 1600 | 35 | 100 | 1.1 | 17.5 | 5 | 500 | 2500 | 500 | 150 | | |

Standard Bridge Rectifiers




| Item | Part Number | V_{RRM} | $I_F@T_c$ | | $V_F@I_F$ | | $I_{RRM}@T_A$ | | V_{ISO} (Insulating Voltage) | I_{FSM} | T_J | Package | |
|------|-------------|-----------|-----------|------|-----------|------|---------------|-----------|-----------------------------------|-----------|-------|---|---|
| | | (V) | (A) | (°C) | (V) | (A) | 25°C(μA) | 100°C(μA) | (V) | (A) | (°C) | | |
| 66 | 3GBJ5010 B | 1000 | 50 | 100 | 1.2 | 25 | 5 | 500 | 2500 | 600 | 150 |  | |
| 67 | 3GBJ5012 B | 1200 | 50 | 100 | 1.2 | 25 | 5 | 500 | 2500 | 600 | 150 | | |
| 68 | 3GBJ5014 B | 1400 | 50 | 100 | 1.2 | 25 | 5 | 500 | 2500 | 600 | 150 | | |
| 69 | 3GBJ5016 B | 1600 | 50 | 100 | 1.2 | 25 | 5 | 500 | 2500 | 600 | 150 | | |
| 70 | 3GBJ2510 A | 1000 | 25 | 100 | 1.1 | 12.5 | 5 | 500 | 2500 | 400 | 150 | | |
| 71 | 3GBJ2512 A | 1200 | 25 | 100 | 1.1 | 12.5 | 5 | 500 | 2500 | 400 | 150 | | |
| 72 | 3GBJ2514 A | 1400 | 25 | 100 | 1.1 | 12.5 | 5 | 500 | 2500 | 400 | 150 | | |
| 73 | 3GBJ2516 A | 1600 | 25 | 100 | 1.1 | 12.5 | 5 | 500 | 2500 | 400 | 150 | | |
| 74 | 3GBJ3010 A | 1000 | 30 | 100 | 1.1 | 15 | 5 | 500 | 2500 | 450 | 150 | | |
| 75 | 3GBJ3012 A | 1200 | 30 | 100 | 1.1 | 15 | 5 | 500 | 2500 | 450 | 150 | | |
| 76 | 3GBJ3014 A | 1400 | 30 | 100 | 1.1 | 15 | 5 | 500 | 2500 | 450 | 150 | | |
| 77 | 3GBJ3016 A | 1600 | 30 | 100 | 1.1 | 15 | 5 | 500 | 2500 | 450 | 150 | | |
| 78 | 3GBJ3510 A | 1000 | 35 | 100 | 1.1 | 17.5 | 5 | 500 | 2500 | 500 | 150 | | |
| 79 | 3GBJ3512 A | 1200 | 35 | 100 | 1.1 | 17.5 | 5 | 500 | 2500 | 500 | 150 | | |
| 80 | 3GBJ3514 A | 1400 | 35 | 100 | 1.1 | 17.5 | 5 | 500 | 2500 | 500 | 150 | | |
| 81 | 3GBJ3516 A | 1600 | 35 | 100 | 1.1 | 17.5 | 5 | 500 | 2500 | 500 | 150 | | |
| 82 | 3GBJ5010 A | 1000 | 50 | 100 | 1.2 | 25 | 5 | 500 | 2500 | 600 | 150 | | |
| 83 | 3GBJ5012 A | 1200 | 50 | 100 | 1.2 | 25 | 5 | 500 | 2500 | 600 | 150 | | |
| 84 | 3GBJ5014 A | 1400 | 50 | 100 | 1.2 | 25 | 5 | 500 | 2500 | 600 | 150 | | |
| 85 | 3GBJ5016 A | 1600 | 50 | 100 | 1.2 | 25 | 5 | 500 | 2500 | 600 | 150 | | |
| 86 | GBP206 | 600 | 2 | 50 | 1.1 | 2 | 5 | 500 | - | 60 | 150 | |  |
| 87 | GBP208 | 800 | 2 | 50 | 1.1 | 2 | 5 | 500 | - | 60 | 150 | | |
| 88 | GBP210 | 1000 | 2 | 50 | 1.1 | 2 | 5 | 500 | - | 60 | 150 | | |
| 89 | GBP306 | 600 | 3 | 50 | 1.1 | 3 | 5 | 500 | - | 80 | 150 | | |
| 90 | GBP308 | 800 | 3 | 50 | 1.1 | 3 | 5 | 500 | - | 80 | 150 | | |
| 91 | GBP310 | 1000 | 3 | 50 | 1.1 | 3 | 5 | 500 | - | 80 | 150 | | |
| 92 | GBP406 | 600 | 4 | 100 | 1.1 | 4 | 5 | 500 | - | 140 | 150 | | |
| 93 | GBP408 | 800 | 4 | 100 | 1.1 | 4 | 5 | 500 | - | 140 | 150 | | |
| 94 | GBP410 | 1000 | 4 | 100 | 1.1 | 4 | 5 | 500 | - | 140 | 150 | | |
| 95 | SGBL406 | 600 | 4 | 100 | 1.05 | 2 | 5 | 500 | 2500 | 140 | 150 | |  |
| 96 | SGBL408 | 800 | 4 | 100 | 1.05 | 2 | 5 | 500 | 2500 | 140 | 150 | | |
| 97 | SGBL410 | 1000 | 4 | 100 | 1.05 | 2 | 5 | 500 | 2500 | 140 | 150 | | |
| 98 | SGBL606 | 600 | 6 | 100 | 1.05 | 3 | 5 | 500 | 2500 | 150 | 150 | | |
| 99 | SGBL608 | 800 | 6 | 100 | 1.05 | 3 | 5 | 500 | 2500 | 150 | 150 | | |
| 100 | SGBL610 | 1000 | 6 | 100 | 1.05 | 3 | 5 | 500 | 2500 | 150 | 150 | | |
| 101 | SGBL806 | 600 | 8 | 100 | 1.05 | 4 | 5 | 500 | 2500 | 170 | 150 | | |
| 102 | SGBL808 | 800 | 8 | 100 | 1.05 | 4 | 5 | 500 | 2500 | 170 | 150 | | |
| 103 | SGBL810 | 1000 | 8 | 100 | 1.05 | 4 | 5 | 500 | 2500 | 170 | 150 | | |
| 104 | SGBL1006 | 600 | 10 | 100 | 1.1 | 5 | 5 | 500 | 2500 | 200 | 150 | | |
| 105 | SGBL1008 | 800 | 10 | 100 | 1.1 | 5 | 5 | 500 | 2500 | 200 | 150 | | |
| 106 | SGBL1010 | 1000 | 10 | 100 | 1.1 | 5 | 5 | 500 | 2500 | 200 | 150 | | |
| 107 | GBU406 | 600 | 4 | 100 | 1 | 2 | 5 | 500 | 2500 | 150 | 150 |  | |
| 108 | GBU408 | 800 | 4 | 100 | 1 | 2 | 5 | 500 | 2500 | 150 | 150 | | |
| 109 | GBU410 | 1000 | 4 | 100 | 1 | 2 | 5 | 500 | 2500 | 150 | 150 | | |
| 110 | GBU606 | 600 | 6 | 100 | 1 | 3 | 5 | 500 | 2500 | 175 | 150 | | |
| 111 | GBU608 | 800 | 6 | 100 | 1 | 3 | 5 | 500 | 2500 | 175 | 150 | | |
| 112 | GBU610 | 1000 | 6 | 100 | 1 | 3 | 5 | 500 | 2500 | 175 | 150 | | |
| 113 | GBU806 | 600 | 8 | 100 | 1 | 4 | 5 | 500 | 2500 | 185 | 150 | | |
| 114 | GBU808 | 800 | 8 | 100 | 1 | 4 | 5 | 500 | 2500 | 185 | 150 | | |
| 115 | GBU810 | 1000 | 8 | 100 | 1 | 4 | 5 | 500 | 2500 | 185 | 150 | | |
| 116 | GBU1006 | 600 | 10 | 100 | 1 | 5 | 5 | 500 | 2500 | 200 | 150 | | |
| 117 | GBU1008 | 800 | 10 | 100 | 1 | 5 | 5 | 500 | 2500 | 200 | 150 | | |
| 118 | GBU1010 | 1000 | 10 | 100 | 1 | 5 | 5 | 500 | 2500 | 200 | 150 | | |
| 119 | GBU1506 | 600 | 15 | 100 | 1 | 7.5 | 5 | 500 | 2500 | 240 | 150 | | |
| 120 | GBU1508 | 800 | 15 | 100 | 1 | 7.5 | 5 | 500 | 2500 | 240 | 150 | | |
| 121 | GBU1510 | 1000 | 15 | 100 | 1 | 7.5 | 5 | 500 | 2500 | 240 | 150 | | |

| | | | | | | | | | | | | | |
|-----|----------|------|----|-----|------|------|---|-----|------|-----|-----|---|-----|
| 122 | GUB15L06 | 600 | 15 | 100 | 0.9 | 7.5 | 5 | 150 | 2500 | 200 | 150 |  | |
| 123 | GBU2006 | 600 | 20 | 100 | 1.1 | 10 | 5 | 500 | 2500 | 300 | 150 | | |
| 124 | GBU2008 | 800 | 20 | 100 | 1.1 | 10 | 5 | 500 | 2500 | 300 | 150 | | |
| 125 | GBU2010 | 1000 | 20 | 100 | 1.1 | 10 | 5 | 500 | 2500 | 300 | 150 | | |
| 126 | GBU2506 | 600 | 25 | 100 | 1.1 | 12.5 | 5 | 500 | 2500 | 350 | 150 | | |
| 127 | GBU2508 | 800 | 25 | 100 | 1.1 | 12.5 | 5 | 500 | 2500 | 350 | 150 | | |
| 128 | GBU2510 | 1000 | 25 | 100 | 1.1 | 12.5 | 5 | 500 | 2500 | 350 | 150 | | |
| 129 | GBU410L | 1000 | 4 | 100 | 0.85 | 2 | - | - | - | - | - | | GBU |

Standard Bridge Rectifiers





| Item | Part Number | V_{RRM} | $I_F@T_c$ | | $V_F@I_F$ | | $I_{RRM}@T_A$ | | V_{ISO} (Insulating Voltage) | I_{FSM} | T_J | Package |
|------|-------------|-----------|-----------|------|-----------|------|---------------|-----------|-----------------------------------|-----------|-------|---|
| | | (V) | (A) | (°C) | (V) | (A) | 25°C(μA) | 100°C(μA) | (V) | (A) | (°C) | |
| 130 | GBU406HS | 600 | 4 | 100 | 1 | 2 | 5 | 500 | 2500 | 140 | 150 |  |
| 131 | GBU408HS | 800 | 4 | 100 | 1 | 2 | 5 | 500 | 2500 | 140 | 150 | |
| 132 | GBU410HS | 1000 | 4 | 100 | 1 | 2 | 5 | 500 | 2500 | 140 | 150 | |
| 133 | GBU606HS | 600 | 6 | 100 | 1 | 3 | 5 | 500 | 2500 | 150 | 150 | |
| 134 | GBU608HS | 800 | 6 | 100 | 1 | 3 | 5 | 500 | 2500 | 150 | 150 | |
| 135 | GBU610HS | 1000 | 6 | 100 | 1 | 3 | 5 | 500 | 2500 | 150 | 150 | |
| 136 | GBU806HS | 600 | 8 | 100 | 1 | 4 | 5 | 500 | 2500 | 170 | 150 | |
| 137 | GBU808HS | 800 | 8 | 100 | 1 | 4 | 5 | 500 | 2500 | 170 | 150 | |
| 138 | GBU810HS | 1000 | 8 | 100 | 1 | 4 | 5 | 500 | 2500 | 170 | 150 | |
| 139 | GBU1006HS | 600 | 10 | 100 | 1 | 5 | 5 | 500 | 2500 | 200 | 150 | |
| 140 | GBU1008HS | 800 | 10 | 100 | 1 | 5 | 5 | 500 | 2500 | 200 | 150 | |
| 141 | GBU1010HS | 1000 | 10 | 100 | 1 | 5 | 5 | 500 | 2500 | 200 | 150 | |
| 142 | GBU1506HS | 600 | 15 | 100 | 1 | 7.5 | 5 | 500 | 2500 | 250 | 150 | |
| 143 | GBU1508HS | 800 | 15 | 100 | 1 | 7.5 | 5 | 500 | 2500 | 250 | 150 | |
| 144 | GBU1510HS | 1000 | 15 | 100 | 1 | 7.5 | 5 | 500 | 2500 | 250 | 150 | |
| 145 | GBU2006HS | 600 | 20 | 100 | 1.1 | 10 | 5 | 500 | 2500 | 300 | 150 | |
| 146 | GBU2008HS | 800 | 20 | 100 | 1.1 | 10 | 5 | 500 | 2500 | 300 | 150 | |
| 147 | GBU2010HS | 1000 | 20 | 100 | 1.1 | 10 | 5 | 500 | 2500 | 300 | 150 | |
| 148 | GBU2506HS | 600 | 25 | 100 | 1.1 | 12.5 | 5 | 500 | 2500 | 350 | 150 | |
| 149 | GBU2508HS | 800 | 25 | 100 | 1.1 | 12.5 | 5 | 500 | 2500 | 350 | 150 | |
| 150 | GBU2510HS | 1000 | 25 | 100 | 1.1 | 12.5 | 5 | 500 | 2500 | 350 | 150 | |
| 151 | GBJ1060 | 600 | 10 | 100 | 1 | 5 | 5 | 500 | 2500 | 200 | 150 |  |
| 152 | GBJ1080 | 800 | 10 | 100 | 1 | 5 | 5 | 500 | 2500 | 200 | 150 | |
| 153 | GBJ10100 | 1000 | 10 | 100 | 1 | 5 | 5 | 500 | 2500 | 200 | 150 | |
| 154 | GBJ1560 | 600 | 15 | 100 | 1 | 7.5 | 5 | 500 | 2500 | 250 | 150 | |
| 155 | GBJ15L60 | 600 | 15 | 100 | 0.87 | 7.5 | 5 | 500 | 2500 | 280 | 150 | |
| 156 | GBJ1580 | 800 | 15 | 100 | 1 | 7.5 | 5 | 500 | 2500 | 250 | 150 | |
| 157 | GBJ15L80 | 800 | 15 | 100 | 0.87 | 7.5 | 5 | 500 | 2500 | 280 | 150 | |
| 158 | GBJ15100 | 1000 | 15 | 100 | 1 | 7.5 | 5 | 500 | 2500 | 250 | 150 | |
| 159 | GBJ2060 | 600 | 20 | 100 | 1 | 10 | 5 | 500 | 2500 | 300 | 150 | |
| 160 | GBJ20L60 | 600 | 20 | 100 | 0.88 | 10 | 5 | 500 | 2500 | 350 | 150 | |
| 161 | GBJ2080 | 800 | 20 | 100 | 1 | 10 | 5 | 500 | 2500 | 300 | 150 | |
| 162 | GBJ20L80 | 800 | 20 | 100 | 0.88 | 10 | 5 | 500 | 2500 | 350 | 150 | |
| 163 | GBJ20100 | 1000 | 20 | 100 | 1 | 10 | 5 | 500 | 2500 | 300 | 150 | |
| 164 | GBJ2560 | 600 | 25 | 100 | 1 | 12.5 | 5 | 500 | 2500 | 350 | 150 | |
| 165 | GBJ25L60 | 600 | 25 | 100 | 0.89 | 12.5 | 5 | 500 | 2500 | 380 | 150 | |
| 166 | GBJ2580 | 800 | 25 | 100 | 1 | 12.5 | 5 | 500 | 2500 | 350 | 150 | |
| 167 | GBJ25L80 | 800 | 25 | 100 | 0.89 | 12.5 | 5 | 500 | 2500 | 380 | 150 | |
| 168 | GBJ25100 | 1000 | 25 | 100 | 1 | 12.5 | 5 | 500 | 2500 | 350 | 150 | |
| 169 | GBJ3060 | 600 | 30 | 100 | 1.05 | 15 | 5 | 500 | 2500 | 370 | 150 | |
| 170 | GBJ3080 | 800 | 30 | 100 | 1.05 | 15 | 5 | 500 | 2500 | 370 | 150 | |
| 171 | GBJ30100 | 1000 | 30 | 100 | 1.05 | 15 | 5 | 500 | 2500 | 370 | 150 | |
| 172 | GBJ3560 | 600 | 35 | 100 | 1.05 | 17.5 | 5 | 500 | 2500 | 400 | 150 | |
| 173 | GBJ3580 | 800 | 35 | 100 | 1.05 | 17.5 | 5 | 500 | 2500 | 400 | 150 | |
| 174 | GBJ35100 | 1000 | 35 | 100 | 1.05 | 17.5 | 5 | 500 | 2500 | 400 | 150 | |
| 175 | GBJ2560HS | 600 | 25 | 100 | 1 | 12.5 | 5 | 500 | 2500 | 350 | 150 |  |
| 176 | GBJ2580HS | 800 | 25 | 100 | 1 | 12.5 | 5 | 500 | 2500 | 350 | 150 | |
| 177 | GBJ25100HS | 1000 | 25 | 100 | 1 | 12.5 | 5 | 500 | 2500 | 350 | 150 | |
| 178 | GBJ3560HS | 600 | 35 | 100 | 1.05 | 17.5 | 5 | 500 | 2500 | 400 | 150 | |
| 179 | GBJ3580HS | 800 | 35 | 100 | 1.05 | 17.5 | 5 | 500 | 2500 | 400 | 150 | |
| 180 | GBJ35100HS | 1000 | 35 | 100 | 1.05 | 17.5 | 5 | 500 | 2500 | 400 | 150 | |
| 181 | GBJ5060HS | 600 | 50 | 100 | 1.05 | 25 | 5 | 500 | 2500 | 500 | 150 | |
| 182 | GBJ5080HS | 800 | 50 | 100 | 1.05 | 25 | 5 | 500 | 2500 | 500 | 150 | |
| 183 | GBJ50100HS | 1000 | 50 | 100 | 1.05 | 25 | 5 | 500 | 2500 | 500 | 150 | |

Transient Voltage Suppressors


| Item | Part Number | Breakdown Voltage $V_{BR}@ I_T$ (V) | | Test Current I_T (mA) | Stand-off Voltage V_{WM} (V) | Maximum Reverse Current $I_R @ V_{WM}$ (μ A) | Maximum Peak Pulse Surge Current I_{PPM} (A) | Maximum Clamping Voltage $V_C @ I_{PPM}$ (V) | Package |
|------|-------------|---|------|-------------------------------|--------------------------------------|---|--|--|---|
| | | MIN. | MAX. | | | | | | |
| 1 | SMPJ5.0AL | 6.4 | 7.07 | 10 | 5 | 1500 | 150 | 10 |  |
| 2 | SMPJ6.0AL | 6.67 | 7.37 | 10 | 6 | 1000 | 145.6 | 10.3 | |
| 3 | SMPJ6.5AL | 7.22 | 7.98 | 10 | 6.5 | 500 | 133.9 | 11.2 | |
| 4 | SMPJ7.0AL | 7.78 | 8.6 | 10 | 7 | 200 | 125 | 12 | |
| 5 | SMPJ7.5AL | 8.33 | 9.21 | 1 | 7.5 | 100 | 116.3 | 12.9 | |
| 6 | SMPJ8.0AL | 8.89 | 9.83 | 1 | 8 | 50 | 110.3 | 13.6 | |
| 7 | SMPJ8.5AL | 9.44 | 10.4 | 1 | 8.5 | 20 | 104.2 | 14.4 | |
| 8 | SMPJ9.0AL | 10 | 11.1 | 1 | 9 | 5 | 97.4 | 15.4 | |
| 9 | SMPJ10AL | 11.1 | 12.3 | 1 | 10 | 2 | 88.2 | 17 | |
| 10 | SMPJ11AL | 12.2 | 13.5 | 1 | 11 | 2 | 82.4 | 18.2 | |
| 11 | SMPJ12AL | 13.3 | 14.7 | 1 | 12 | 2 | 75.4 | 19.9 | |
| 12 | SMPJ13AL | 14.4 | 15.9 | 1 | 13 | 1 | 69.8 | 21.5 | |
| 13 | SMPJ14AL | 15.6 | 17.2 | 1 | 14 | 1 | 64.7 | 23.2 | |
| 14 | SMPJ15AL | 16.7 | 18.5 | 1 | 15 | 1 | 61.5 | 24.4 | |
| 15 | SMPJ16AL | 17.8 | 19.7 | 1 | 16 | 1 | 57.7 | 26 | |
| 16 | SMPJ17AL | 18.9 | 20.9 | 1 | 17 | 1 | 54.3 | 27.6 | |
| 17 | SMPJ18AL | 20 | 22.1 | 1 | 18 | 1 | 51.4 | 29.2 | |
| 18 | SMPJ20AL | 22.2 | 24.5 | 1 | 20 | 1 | 46.3 | 32.4 | |
| 19 | SMPJ22AL | 24.4 | 26.9 | 1 | 22 | 1 | 42.3 | 35.5 | |
| 20 | SMPJ24AL | 26.7 | 29.5 | 1 | 24 | 1 | 38.6 | 38.9 | |
| 21 | SMPJ26AL | 28.9 | 31.9 | 1 | 26 | 1 | 35.6 | 42.1 | |
| 22 | SMPJ28AL | 31.1 | 34.4 | 1 | 28 | 1 | 33 | 45.4 | |
| 23 | SMPJ30AL | 33.3 | 36.8 | 1 | 30 | 1 | 31 | 48.4 | |
| 24 | SMPJ33AL | 36.7 | 40.6 | 1 | 33 | 1 | 28.1 | 53.3 | |
| 25 | SMPJ36AL | 40 | 44.2 | 1 | 36 | 1 | 25.8 | 58.1 | |
| 26 | SMPJ40AL | 44.4 | 49.1 | 1 | 40 | 1 | 23.3 | 64.5 | |
| 27 | SMPJ43AL | 47.8 | 52.8 | 1 | 43 | 1 | 21.6 | 69.4 | |
| 28 | SMPJ45AL | 50 | 55.3 | 1 | 45 | 1 | 20.6 | 72.7 | |
| 29 | SMPJ48AL | 53.3 | 58.9 | 1 | 48 | 1 | 19.4 | 77.4 | |
| 30 | SMPJ51AL | 56.7 | 62.7 | 1 | 51 | 1 | 18.2 | 82.4 | |
| 31 | SMPJ54AL | 60 | 66.3 | 1 | 54 | 1 | 17.2 | 87.1 | |
| 32 | SMPJ58AL | 64.4 | 71.2 | 1 | 58 | 1 | 16 | 93.6 | |
| 33 | SMPJ60AL | 66.7 | 73.7 | 1 | 60 | 1 | 15.5 | 96.8 | |
| 34 | SMPJ64AL | 71.1 | 78.6 | 1 | 64 | 1 | 14.6 | 103 | |
| 35 | SMPJ70AL | 77.8 | 86 | 1 | 70 | 1 | 13.3 | 113 | |
| 36 | SMPJ75AL | 83.3 | 92.1 | 1 | 75 | 1 | 12.4 | 121 | |
| 37 | SMPJ78AL | 86.7 | 95.8 | 1 | 78 | 1 | 11.9 | 126 | |
| 38 | SMPJ85AL | 94.4 | 104 | 1 | 85 | 1 | 10.9 | 137 | |
| 39 | SMAJ5.0A | 6.4 | 7.08 | 10 | 5 | 800 | 43.5 | 9.2 | TO-277B |
| 40 | SMAJ3.3A | 5.2 | 6.6 | 10 | 3.3 | 800 | 47.1 | 8.5 |  SMA |
| 41 | SMF3.3A | 5.2 | 6.6 | 10 | 3.3 | 800 | 23.5 | 8.5 |  SOD-123FL |
| 42 | SM4F5.0A | 6.4 | 7.08 | 10 | 5 | 800 | 43.5 | 9.2 | |
| 43 | SM4F3.3A | 5.2 | 6.6 | 10 | 3.3 | 800 | 47.1 | 8.5 | |

Note: For bi-directional use CA suffix (e.g. SMPJ10CAL)

ESD Protection Diodes

| Item | Part Number | Breakdown Voltage $V_{BR} @ I_T$ (V) | | Test Current I_T (mA) | Stand-off Voltage V_{WM} (V) | Maximum Reverse Current $I_R @ V_{WM}$ (μ A) | Maximum Peak Pulse Surge Current I_{PPM} | Maximum Clamping Voltage $V_C @ I_{PPM}$ (V) | Package |
|------|---------------|--|------|-------------------------------|--------------------------------------|---|---|--|---|
| | | MIN. | MAX. | | | | | | |
| 1 | CZSS3V3B1N | 5.15 | 6.45 | 1 | 3.3 | 0.1 | 8 | 12 |   DFN0603 |
| 2 | CZX3V3B1N | 3.6 | 5 | 1 | 3.3 | 1 | 10 | 10 | |
| 3 | CZSS5V0B1CN | 6 | ~8.6 | 1 | 5 | 0.1 | 4 | 15 | |
| 4 | CZSS5V0B1N-1 | 5.6 | 9.5 | 1 | 5 | 0.1 | 3.5 | 13 | |
| 5 | CZSS5V0B1N-2 | 5.6 | 8 | 1 | 5 | 0.1 | 7 | 12.5 | |
| 6 | CZSS5V0U1CN | 4.8 | 6.6 | 1 | 5 | 0.1 | 4 | 15 | |
| 7 | CZSS5V0U1CN-1 | 6 | 8.6 | 1 | 5 | 0.1 | 4 | 15 | |
| 8 | CZX5V0B1N | 5.5 | 6.5 | 1 | 5 | 1 | 8 | 12 | |
| 9 | CZS3V3B1Z-1 | 5.2 | 6.8 | 1 | 3.3 | 1 | 3 | 11 |   DFN1006 |
| 10 | CZS3V3B1Z-2 | 5.2 | 6.8 | 1 | 3.3 | 1 | 4 | 11 | |
| 11 | CZS3V3U1CZ | 5 | - | 1 | 3.3 | 1 | 5 | 20 | |
| 12 | CZSS3V3B1Z | 5.15 | 6.45 | 1 | 3.3 | 0.1 | 8 | 12 | |
| 13 | CZX3V3B1Z | 3.6 | 5 | 1 | 3.3 | 1 | 10 | 10 | |
| 14 | CZS5V0B1Z | 6.2 | 7.8 | 1 | 5 | 1 | 3 | 12 | |
| 15 | CZSS5V0B1Z-1 | 5.6 | 9.5 | 1 | 5 | 0.1 | 3.5 | 13 | |
| 16 | CZSS5V0U1CZ-1 | 6 | 8.6 | 1 | 5 | 0.1 | 4 | 15 | |
| 17 | CZSS5V0B1CZ | 6 | 8.6 | 1 | 5 | 0.1 | 4 | 15 | |
| 18 | CZSS5V0B1Z-2 | 5.6 | 8 | 1 | 5 | 0.1 | 7 | 12.5 | |
| 19 | CZSS5V0U1CZ | 4.8 | 6.6 | 1 | 5 | 0.1 | 4 | 15 | |
| 20 | CZX5V0B1Z | 5.5 | 6.5 | 1 | 5 | 1 | 8 | 12 | |

Silicon Carbide Diodes

| Item | Part Number | V _{RRM} (V) | I _F (A) | Q _r (typ.) (nC) | V _F (typ.) (V) | I _R (max.) (μ A) | T _J (°C) | Package |
|------|-------------|-------------------------|-----------------------|-------------------------------|------------------------------|-------------------------------------|------------------------|--|
| 1 | SC04650TB | 650 | 4 | 7 | 1.5 | 170 | 175 |   TO-252 |
| 2 | SC06650TB | 650 | 6 | 10 | 1.5 | 200 | 175 | |
| 3 | SC08650TB | 650 | 8 | 13 | 1.5 | 230 | 175 | |
| 4 | SC10650TB | 650 | 10 | 15 | 1.5 | 60 | 175 | |
| 5 | SC04650TA | 650 | 4 | 7 | 1.5 | 170 | 175 |   TO-263AB |
| 6 | SC06650TA | 650 | 6 | 10 | 1.5 | 200 | 175 | |
| 7 | SC08650TA | 650 | 8 | 13 | 1.5 | 230 | 175 | |
| 8 | SC10650TA | 650 | 10 | 15 | 1.5 | 250 | 175 | |
| 9 | SC12650TA | 650 | 12 | 18 | 1.5 | 80 | 175 | |
| 10 | SC16650TA | 650 | 16 | 26 | 1.5 | 100 | 175 | |
| 11 | SC04650FCO | 650 | 4 | 7 | 1.5 | 170 | 175 |  ITO-220AC |
| 12 | SC06650FCO | 650 | 6 | 10 | 1.5 | 200 | 175 | |
| 13 | SC08650FCO | 650 | 8 | 13 | 1.5 | 230 | 175 | |
| 14 | SC10650FCO | 650 | 10 | 15 | 1.5 | 250 | 175 | |
| 15 | SC021200FCO | 1200 | 2 | 10 | 1.4 | 20 | 175 | |
| 16 | SC051200FCO | 1200 | 5 | 13 | 1.4 | 50 | 175 | |
| 17 | SC101200FCO | 1200 | 10 | 24 | 1.4 | 110 | 175 | |
| 18 | SC04650COI | 650 | 4 | 7 | 1.5 | 170 | 175 |  TO-220AC |
| 19 | SC06650COI | 650 | 6 | 19 | 1.35 | 20 | 175 | |
| 20 | SC08650COI | 650 | 8 | 30 | 1.35 | 20 | 175 | |
| 21 | SCQ10650CO | 650 | 10 | 12 | 1.65 | 230 | 175 | |
| 22 | SC10650COI | 650 | 10 | 35 | 1.4 | 20 | 175 | |
| 23 | SC12650CO | 650 | 12 | 18 | 1.5 | 80 | 175 | |
| 24 | SC16650CO | 650 | 16 | 26 | 1.5 | 100 | 175 | |
| 25 | SC20650COI | 650 | 20 | 53 | 1.5 | 20 | 175 | |
| 26 | SC021200CO | 1200 | 2 | 10 | 1.4 | 20 | 175 | |
| 27 | SC051200CO | 1200 | 5 | 13 | 1.4 | 50 | 175 | |
| 28 | SC101200CO | 1200 | 10 | 24 | 1.4 | 110 | 175 | |
| 29 | SC101200P | 1200 | 10 | 24 | 1.4 | 110 | 175 |  TO-247-2 |
| 30 | SC201200P | 1200 | 20 | 52 | 1.4 | 220 | 175 | |
| 31 | SC20650PT | 650 | 10*2 | 14 | 1.5 | 250 | 175 |  TO-247 |
| 32 | SCQ20650PT | 650 | 10*2 | 11 | 1.65 | 230 | 175 | |
| 33 | SCQ30650PT | 650 | 15*2 | 15 | 1.75 | 250 | 175 | |
| 34 | SC101200PT | 1200 | 5*2 | 24 | 1.5 | 20 | 175 | |
| 35 | SC161200PT | 1200 | 8*2 | 50 | 1.4 | 5 | 175 | |
| 36 | SC201200PT | 1200 | 10*2 | 50 | 1.5 | 5 | 175 | |
| 37 | SC301200PT | 1200 | 15*2 | 78 | 1.5 | 50 | 175 | |