

## GENERAL PURPOSE RECTIFIERS

| ADC  | 0.5A    | 1A                          | 2A                         | 3A                 | 12A                | 35A  | 100A     |
|------|---------|-----------------------------|----------------------------|--------------------|--------------------|------|----------|
| CASE | A       | C                           | C                          | D                  | DO-4               | DO-5 | G        |
| TRR  | 50us    | 50us                        | 50us                       | 50us               | 50us               | 50us | 50us     |
| 50   |         | 1N5170†<br>1N5171<br>1N5172 | 1N5197                     | 1N1199A            | 1N1183             |      |          |
| 100  |         | 1N5172                      | 1N5198                     | 1N1200A            | 1N1184             |      |          |
| 150  |         | 1N4517                      | 1N5199<br>1N5624<br>1N5550 | 1N1201A<br>1N1202A | 1N1185<br>1N1186   |      |          |
| 200  | SPD546A | 1N4245<br>1N5614<br>1N5059  | 1N5173                     | 1N125A             | 1N1187             |      |          |
| 300  |         | 1N5174                      | 1N5625<br>1N5551           | 1N1203A            | 1N1188             |      | MR1215SL |
| 350  |         | 1N5175                      | 1N5201<br>1N5626<br>1N5552 | 1N1204A            | 1N1189<br>1N1190   |      | MR1216SL |
| 400  | SPD547A | 1N4247<br>1N5618<br>1N5061  | 1N5177                     | 1N127A<br>1N128A   | 1N1205A<br>1N1206A |      | MR1217SL |
| 500  | SPD548A | 1N4248<br>1N5620<br>1N5062  | 1N5178                     | 1N3670A            | 1N3765             |      |          |
| 600  |         |                             |                            | 1N3671A            | SPD1192<br>1N3766  |      |          |
| 700  |         |                             |                            | 1N3672A            | 1N3767             |      |          |
| 800  | SPD549A | 1N4249<br>1N5622<br>SPD5063 | SPD5628<br>1N5554          | 1N3673A            | SPD1194<br>1N3768  |      |          |
| 900  |         |                             |                            | 1N3674A            |                    |      |          |
| 1000 | SPD550A |                             |                            | 1N5331             |                    |      |          |
| 1200 |         |                             |                            |                    |                    |      |          |

## FAST RECOVERY RECTIFIERS

| ADC  | 1A      | 3A                | 3A                | 6A     | 12A              | 20A    | 30A    | 50A     | 100A     |
|------|---------|-------------------|-------------------|--------|------------------|--------|--------|---------|----------|
| CASE | C       | D                 | D                 | DO-4   | DO-4             | DO-5   | DO-5   | DO-5    | S1000    |
| TRR  | 150ns   | 650ns             | 200ns             | 200ns  | 200ns            | 200ns  | 200ns  | 160ns   | 160ns    |
| 50   |         |                   | 1N5186<br>(150ns) | 1N3879 | 1N3889           | 1N3899 | 1N3909 |         |          |
| 100  |         | 1N5187*           | 1N3880            | 1N3881 | 1N3885<br>1N3890 | 1N3900 | 1N3910 |         |          |
| 200  | 1N4942  |                   |                   |        | 1N3886<br>1N3891 | 1N3901 | 1N3911 |         |          |
| 300  | 1N4943  |                   |                   | 1N3882 | 1N3882<br>1N3892 | 1N3902 | 1N3912 |         |          |
| 400  | 1N4944  | 1N5188<br>(250ns) | 1N3883            |        | 1N3888<br>1N3893 | 1N3903 | 1N3913 | SDR504F | SDR1004F |
| 500  | 1N4945  |                   |                   |        | SPD3894          |        |        |         |          |
| 600  | 1N4946* | 1N5190<br>(400ns) |                   |        | SPD3895          |        |        | SDR506F | SDR1006F |
| 800  | 1N4947* | SPD5191†          |                   |        | SPD3896          |        |        | SDR508F | SDR1008F |
| 1000 | 1N4948† | SPD5192†          |                   |        | SPD3897          |        |        | SDR510F | SDR1010F |
| 1300 |         |                   | SDR3PF            |        |                  |        |        |         |          |
| 1400 |         |                   | SDR3RF            |        |                  |        |        |         |          |
| 1500 |         |                   | SDR3SF            |        |                  |        |        |         |          |
| 1600 |         |                   | SDR3TF            |        |                  |        |        |         |          |
| 1700 |         |                   | SDR3VF            |        |                  |        |        |         |          |
| 1800 |         |                   | SDR3WF            |        |                  |        |        |         |          |

Contact SSDI for higher voltage units.