



RECTRON

RECTIFIER SPECIALISTS

IMPORTANT UPDATE: SOD123

The SOD123 Advantages:

- Over 700% less Board contact area than Powermite TM and SMA
- 140% less Board area than Powermite TM
- 200% less Board area than SMA
- 100% less Board area than SOD123FL (On Semi)

New Products Available In This Package Includes:

Schottky Rectifiers

- 1.0 Ampere
- VR range from 20 to 60 Volts
- Low VF rating of 0.55/ 0.70 Volts
- SS4 Crosses to Vishay SL04, Toshiba CRS01, Diodes Inc DFLSX, ROHM RB160M-40, and Shindengen DG1H4.
- 05S4 Crosses to STM STPS0540Z and On Semi MBR0540

Super Fast Rectifiers

- 1.0 Ampere rating
- VR range from 50 to 600 Volts
- TRR ratings of 35 to 50 nsec.

General Purpose Rectifiers

- 1.0 Ampere rating
- VR range from 50 to 1000 Volts
- IFSM (surge) rating of 20 Amperes at 8.3 ms sine-wave
- SA4 Crosses to Vishay S07, ROHM RR264M-400, Shindengen M1FE40, and Toshiba CRG04
- 05A4 Crosses to Nihon Int'l EP05DA40

Small Signal Schottky Diodes

- B5817-19W, BAT43, 54W, SD101, 103, 106W

Small Signal Switching Diodes

- 1N4148W, 1N4448W

Small Signal Zener's

- BZT52C2V4-43

Applications:

- Catch rectifiers in Buck Converters
- Reverse battery protection
- Free-wheeling rectifiers

