



## **Discrete rectifiers**

*Schottky (20-200V)*  
*Fast recovery (20-500ns)*  
*High voltage (1KV-16KV)*  
*Power diodes (10A – 50A)*  
*Bypass Diodes*

## **Bridge rectifiers**

*0.5A - 35A bridges*  
*Glass passivated*  
*Fast recovery/Schottky*

## **TVS/ESD/Zeners**

*400 – 5000W TVS*  
*200mW – 5W Zeners*  
*Low Cap. ESD Arrays*

## **Transistors**

*Signal & power*  
*PNP/NPN*  
*Darlington*

## **S-Trench MOSFET**

*Low rdson & Cg*  
*2 to 10mΩ*  
*30-150V*

## **HV Gen3 MOSFET**

*600V to 800V*  
*5 to 17A*

Rectron Limited was established in January 1975 in Taipei, Taiwan by a team of experienced semiconductor engineers.

All Rectron factories are wholly owned and have achieved TS16949 quality recognition standards, with ISO14000 & OHSAS18000 environmental and health & safety certifications.

With over 40 years of manufacturing experience, Rectron is an integral supplier to major OEM's in Automotive, Lighting, Power Supply, Renewable Energy, Consumer Electronics, Computing, Telecom and Industrial markets in every geographic location.

Look for our products in the following applications...



### Industrial

Automated Test Equipment  
Bar Code Scanner  
Telecommunication equipment  
Smart Grid & Metering  
RFID Reader  
Alarm/Security Systems

### Lighting

Signage/LED Ballast  
LED Lighting  
LED Driver  
Lighting ballast  
Fluorescent lighting ballast  
Automotive HID lighting Ballast

### Power Supply

AC-DC Power Supply  
DC-DC Power Supply  
Li-Ion Battery Charger  
LCD TV Power Supply  
Motor Control

### Consumer Electronics

Audio Amps  
Cell Phone Handset & Charger  
GPS  
Set-Top Box  
Smart Home & Home Entertainment

### Computing and Telecom

Routers & handsets  
Printer  
Desktop Computer / Server  
Battery protection

### Renewable Energy

Small Wind Turbine Generator  
Smart Electric Meter  
Solar Panel By-pass diode  
Solar Inverter

### Automotive



**AEC-Q101  
QUALIFIED**  
TS-16949 approved