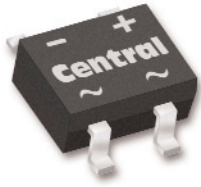
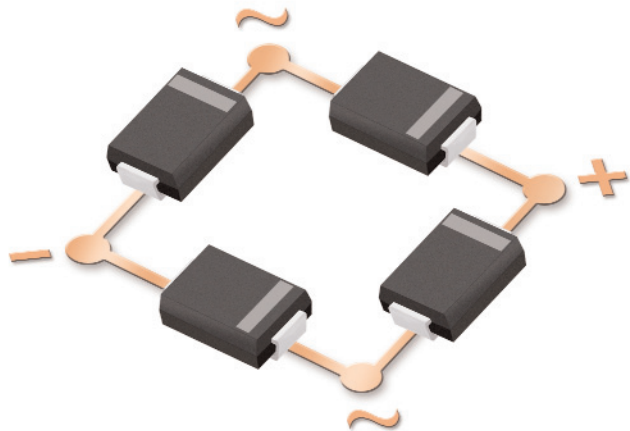


# It's just this simple



or



**New**  
**Tiny Schottky  
Bridge Rectifier**

**4 individual SMA Schottky Rectifiers  
in a bridge configuration**

## CBRHDSH1-40L and CBRHDSH2-40

### Central's New High Density Schottky Bridge Rectifiers

The new Central Semiconductor CBRHDSH1-40L (1A, 40V, Low  $V_F$ ) and CBRHDSH2-40 (2A, 40V) are full wave glass passivated Schottky bridge rectifiers manufactured in a durable HD DIP surface mount package. Designed for applications requiring a smaller and more energy efficient alternative to a standard bridge rectifier, these new devices are ideal for today's latest electronic product designs. 60V and 100V devices are under development.



### Typical Applications

- Voice over IP (VoIP)
- Power over Ethernet (PoE)
- Networking equipment
- Any circuit requiring a small energy efficient Schottky bridge rectifier
- Modems
- Laptops
- Data line protection

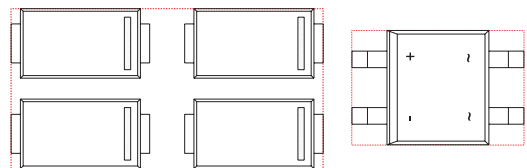
### Features

- Low  $V_F$  (0.39V typ. for CBRHDSH1-40L)
- Pb Free and RoHS compliant
- HD DIP utilizes 50% less board space compared with 4 individual SMA devices

### Free Samples

Samples available from stock.

To order, visit: [www.centrasemi.com/sbr](http://www.centrasemi.com/sbr)



4 SMA packages

HD DIP package

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Rectifiers

Small Signal  
Transistors

Bipolar Power  
Transistors

Energy Efficient  
Devices

MDMs

Rectifiers

Thyristors

Transient Voltage  
Suppressors

TLMs

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