



## 80V Maximum Reverse Voltage Diodes SS28A / Low Voltage Rectifier Diode in DO-214AC (SMA) Package

Our Product Introduction

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### Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: SOCAY
- Certification: REACH, RoHS, ISO
- Model Number: SS28A
- Minimum Order Quantity: 5000PCS/REEL
- Packaging Details: DO-214AC(SMA)



### Product Specification

- Peak Forward Surge Current: 50A
- Maximum DC Blocking Voltage: 80V
- Package: DO-214AC(SMA)
- Maximum Repetitive Peak Reverse Voltage: 80V
- Average Rectified Current At  $T_A=75^\circ\text{C}$ : 2A
- Storage Temperature Range:  $-65^\circ\text{C}$  To  $+125^\circ\text{C}$
- Maximum RMS Voltage: 56V
- Operating Junction Temperature Range:  $-65^\circ\text{C}$  To  $+125^\circ\text{C}$

## Product Description

### Product Description:

Our Schottky Barrier Diodes are rated with a maximum DC blocking voltage of 80V. This means that the diodes can handle up to 80V of direct current without any issues. Additionally, this product comes in a DO-214AC(SMA) package, which is a surface mount package that allows for easy installation and handling.

Our Schottky Barrier Diodes are designed to withstand extreme temperatures. They have a storage temperature range of -65 to +125 and an operating junction temperature range of -65 to +125. This makes them suitable for use in a variety of environments and applications.

Our Schottky Barrier Diodes have a peak forward surge current of 50A. This means that they can handle a surge of up to 50A for a short period of time.

In summary, our Schottky Barrier Diodes are top-of-the-line electronic component diodes that are perfect for your next project. They are surface mount Schottky barrier rectifiers that provide high efficiency and low power loss. They are rated with a maximum DC blocking voltage of 80V and come in a DO-214AC(SMA) package. They are designed to withstand extreme temperatures, with a storage temperature range of -65 to +125 and an operating junction temperature range of -65 to +125. Lastly, they have a peak forward surge current of 50A, making them suitable for a variety of applications.

### Features:

Product Name: Schottky Barrier Diode

Average Rectified Current at TA=75 : 2A

Maximum DC Blocking Voltage: 80V

Storage Temperature Range: -65 To +125

Peak forward Surge Current: 50A

Maximum Repetitive Peak Reverse Voltage: 80V

Keywords: Electrostatic Diode, Low Voltage Rectifier Diode, Surface mounted Diode

### Technical Parameters:

| Product Attribute                       | Value                  |
|---|------------------------|
| Product Name                            | Schottky Barrier Diode |
| Maximum Repetitive Peak Reverse Voltage | 80V                    |
| Maximum RMS Voltage                     | 56V                    |
| Peak Forward Surge Current              | 50A                    |
| Storage Temperature Range               | -65 To +125            |
| Package                                 | DO-214AC(SMA)          |
| Average Rectified Current at TA=75      | 2A                     |
| Operating Junction Temperature Range    | -65 To +125            |
| Maximum DC Blocking Voltage             | 80V                    |

### Applications:

With a maximum DC blocking voltage of 80V and a maximum repetitive peak reverse voltage of 80V, the SOCAY SS28A can handle even the toughest power demands. And with a peak forward surge current of 50A, you can be sure that this diode will keep your circuits running smoothly and efficiently.

Whether you're building a new device or upgrading an existing one, the SOCAY SS28A is the perfect choice for a wide range of product application occasions and scenarios. From consumer electronics to industrial machinery, this product is built to handle the toughest challenges.

And with certifications including REACH, RoHS, and ISO, you can be sure that this product meets the highest standards of quality and safety. Plus, with a minimum order quantity of 5000PCS/REEL and packaging details including DO-214AC(SMA), you can easily incorporate the SOCAY SS28A into your manufacturing process.

So why wait? Choose the SOCAY SS28A Schottky Barrier Rectifiers for your next project and experience the performance and reliability you need to succeed.

### FAQ:

**Q1: What is the brand name of the Schottky Barrier Diode?**

A1: The brand name of the Schottky Barrier Diode is SOCAY.

**Q2: What is the model number of the diode?**

A2: The model number of the diode is SS28A.

**Q3: Where is the Schottky Barrier Diode made?**

A3: The diode is made in Shenzhen, China.

**Q4: What certifications does the SS28A Schottky Barrier Diode have?**

A4: The diode has REACH, RoHS, and ISO certifications.

**Q5: What are the minimum order quantity and packaging details for the diode?**

A5: The minimum order quantity is 5000PCS/REEL and the packaging details are DO-214AC (SMA).



 **Shenzhen Socay Electronics Co., Ltd.**



+8618126201429



sylvia@socay.com



socaydiode.com

4/F, Block C, HeHengXing Science & Technology Park, 19 MinQing Road, LongHua District, Shenzhen City,  
GuangDong Province, China