

## Socay 30V SMD Schottky Barrier Diode SS23A for Stable Circuit Applications

Our Product Introduction

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### Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: SOCAY
- Certification: REACH, RoHS, ISO
- Model Number: SS23A
- Minimum Order Quantity: 5000PCS/REEL
- Packaging Details: DO-214AC(SMA)



### Product Specification

- Storage Temperature Range: -65 To +125
- Maximum DC Blocking Voltage: 30V
- Peak Forward Surge Current: 50A
- Maximum RMS Voltage: 21V
- Operating Junction Temperature Range: -65 To +125
- Maximum Repetitive Peak Reverse Voltage: 30V
- Average Rectified Current At TA=75 : 2A
- Package: DO-214AC(SMA)

## Product Description

### Product Description:

The Schottky Barrier Diode is designed to operate within an operating junction temperature range of -65 to +125 , making it highly durable and efficient in various electronic devices. It has a maximum RMS voltage of 21V, ensuring its safety and reliability in use. The storage temperature range of -65 to +125 also guarantees that the Schottky Barrier Diode can withstand extreme conditions without damage.

Our Schottky Barrier Diode has a maximum DC blocking voltage of 30V, which makes it ideal for use in circuits that require rectification of low voltage drops. Additionally, it has an average rectified current of 2A at TA=75 , making it a highly effective component for various electronic applications.

With its excellent performance and durable design, our Schottky Barrier Diode is a highly recommended electronic component for use in rectification circuits, power supplies, and other applications that require high forward surge current and efficient low voltage drop rectification. Get yours today and experience the difference that our high-quality Schottky Barrier Diode can make in your electronic circuits.

### Features:

Product Name: Schottky Barrier Diode

Diode Electronic Component

Surface Mount Schottky Barrier Rectifiers

Maximum DC Blocking Voltage: 30V

Maximum Repetitive Peak Reverse Voltage: 30V

Peak forward Surge Current: 50A

High forward surge current Semiconductor

Average Rectified Current at TA=75 : 2A

Storage Temperature Range: -65 To +125

### Technical Parameters:

Product Attribute	Value
Peak Forward Surge Current	50A
Maximum Repetitive Peak Reverse Voltage	30V
Average Rectified Current at TA=75	2A
Maximum RMS Voltage	21V
Maximum DC Blocking Voltage	30V
Operating Junction Temperature Range	-65 To +125
Package	DO-214AC(SMA)
Storage Temperature Range	-65 To +125

This table shows the technical parameters of a Surface Mount Schottky Barrier Rectifier, which is an Electrostatic Diode. It has a High forward surge current Semiconductor that can handle up to 50A of peak forward surge current. It has a maximum repetitive peak reverse voltage of 30V and a maximum RMS voltage of 21V. The device can operate in a temperature range of -65 To +125 . It comes in a DO-214AC(SMA) package. The device can be stored in a temperature range of -65 To +125 .

### Applications:

The SOCAP SS23A Schottky Barrier Diode is a reliable and durable diode that is manufactured in Shenzhen, China. The diode meets the industry's highest standards, including REACH, RoHS, and ISO certifications, which ensure that it is environmentally safe and high quality. The diode is available in a DO-214AC(SMA) package and has a maximum DC blocking voltage of 30V and maximum RMS voltage of 21V.

The SOCAP SS23A Schottky Barrier Diode is suitable for use in a wide range of scenarios, including automotive electronics, telecommunications, consumer electronics, and industrial equipment. Because of its fast switching speed and low forward voltage drop, it is particularly useful in applications where high efficiency is critical.

For those looking to purchase the SOCAP SS23A Schottky Barrier Diode, the minimum order quantity is 5000PCS/REEL, and the diodes are packaged in a DO-214AC(SMA) package. The diode can be stored in a temperature range of -65 to +125 , making it suitable for use in a variety of environments.

In summary, the SOCAP SS23A Schottky Barrier Diode is a high-quality and reliable diode that is suitable for use in a wide range of electronic applications. Its low forward voltage drop, fast switching speed, and high efficiency make it an ideal choice for designers and engineers looking to create high-performance circuits.

### FAQ:

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

**A:** The brand name of this Schottky Barrier Diode is SOCAP.

**Q:** What is the model number of this Schottky Barrier Diode?

**A:** The model number of this Schottky Barrier Diode is SS23A.

**Q:** Where is this Schottky Barrier Diode manufactured?

**A:** This Schottky Barrier Diode is manufactured in Shenzhen, China.

**Q:** What certifications does this Schottky Barrier Diode have?

**A:** This Schottky Barrier Diode has certifications for REACH, RoHS, and ISO.

**Q:** What is the minimum order quantity for this Schottky Barrier Diode?

**A:** The minimum order quantity for this Schottky Barrier Diode is 5000PCS/REEL.

**Q:** What is the packaging for this Schottky Barrier Diode?

**A:** The packaging for this Schottky Barrier Diode is DO-214AC(SMA).



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