



## 30V 3A 100A 500pF Schottky Barrier Diode SS33A 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: SS33A
- Minimum Order Quantity: 5000PCS/REEL
- Packaging Details: DO-214AC(SMA)



### Product Specification

- Peak Forward Surge Current: 100A
- Package: DO-214AC(SMA)
- Maximum Average Forward Rectified Current: 3A
- Maximum RMS Voltage: 21V
- Maximum Repetitive Peak Reverse Voltage: 30V
- Maximum DC Blocking Voltage: 30V
- Typical Junction Capacitance: 500pF
- Operating Junction Temperature Range: -65 To +125

## Product Description

### Product Description:

When it comes to performance, our Schottky Barrier Diode does not disappoint. With a Typical Junction Capacitance of 500pF, it provides reliable and consistent performance. Whether you need it for a Diode Triode Transistor circuit or any other application, this product is sure to meet your expectations.

### Features:

Product Name: Schottky Barrier Diode

Peak forward Surge Current: 100A

Maximum RMS Voltage: 21V

Maximum Repetitive Peak Reverse Voltage: 30V

Package: DO-214AC(SMA)

Maximum Average Forward Rectified Current: 3A

Product Type: Diodes

Category: Surface Mount Schottky Barrier Rectifiers

Mounting Style: Surface mounted Diode

### Technical Parameters:

Peak Forward Surge Current	100A
Typical Junction Capacitance	500pF
Operating Junction Temperature Range	-65 To +125
Maximum Average Forward Rectified Current	3A
Package	DO-214AC(SMA)
Maximum RMS Voltage	21V
Maximum Repetitive Peak Reverse Voltage	30V
Maximum DC Blocking Voltage	30V

### Applications:

The SS33A Schottky Barrier Diode has a maximum RMS voltage of 21V, a peak forward surge current of 100A, and a maximum average forward rectified current of 3A, making it a reliable and efficient diode for electronic component diode triode transistor applications. It operates within a junction temperature range of -65 to +125 , ensuring its stability in different environments and scenarios.

The SS33A Schottky Barrier Diode comes in a DO-214AC(SMA) package, which is a surface-mount device that is easy to install and use. The diode is available in reels of 5000PCS, making it convenient for mass production and manufacturing.

Some of the product application occasions and scenarios where the SS33A Schottky Barrier Diode can be used include:

Power Supplies and Converters: The diode can be used in power supplies and converters to convert AC to DC power efficiently. Its low voltage rating and high current rating make it suitable for use in various power supply applications.

Automotive Electronics: The diode can be used in automotive electronics such as lighting systems, audio systems, and engine control units. Its high surge current rating makes it suitable for use in high-power automotive applications.

Consumer Electronics: The diode can be used in various consumer electronics such as televisions, computers, and mobile devices. Its small size and high efficiency make it ideal for use in space-constrained electronic devices.

Industrial Equipment: The diode can be used in various industrial equipment such as control systems, motors, and generators. Its stability and reliability make it suitable for use in harsh industrial environments.

In conclusion, the SS33A Schottky Barrier Diode from SOCAY is a reliable and efficient electronic component diode that can be used in various applications and scenarios. Its low voltage rating, high current rating, and small size make it an ideal choice for different types of electronic devices and equipment.

### Customization:

Looking for customized solutions for your Surface Mount Schottky Barrier Rectifiers? Socay's SS33A model number is your go-to product. Our Schottky Barrier Diode is an electrostatic diode that is designed to offer high performance.

You can trust our product as it meets all the necessary certifications, including REACH, RoHS, and ISO. The product has a maximum average forward rectified current of 3A, and an operating junction temperature range of -65 To +125 . The diode is designed to offer maximum repetitive peak reverse voltage of 20V and maximum RMS voltage of 21V.

Our packaging details include DO-214AC(SMA) package and minimum order quantity is 5000PCS/REEL.

Trust Socay's expertise and experience in providing Diode Triode Transistor products to customers worldwide. Contact us today to learn more about our customization services.

### FAQ:

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

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

**Q2: What is the model number of this Schottky Barrier Diode?**

A2: The model number of this Schottky Barrier Diode is SS33A.

**Q3: Where is this Schottky Barrier Diode manufactured?**

A3: This Schottky Barrier Diode is manufactured in Shenzhen, China.

**Q4: Does this Schottky Barrier Diode have any certifications?**

A4: Yes, this Schottky Barrier Diode has the following certifications: REACH, RoHS, and ISO.


**Q5: What is the minimum order quantity for this Schottky Barrier Diode?**

A5: The minimum order quantity for this Schottky Barrier Diode is 5000PCS/REEL and it is packaged in DO-214AC(SMA).



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