



SS32A Surface Mount Schottky Barrier Rectifiers 20V Maximum Repetitive Peak Reverse Voltage

Our Product Introduction

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Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: SOCAY
- Certification: REACH, RoHS, ISO
- Model Number: SS32A
- Minimum Order Quantity: 5000PCS/REEL
- Packaging Details: DO-214AC(SMA)



Product Specification

- Package: DO-214AC(SMA)
- Maximum RMS Voltage: 14V
- Maximum Average Forward Rectified Current: 3A
- Peak Forward Surge Current: 100A
- Maximum Repetitive Peak Reverse Voltage: 20V
- Typical Junction Capacitance: 500pF
- Maximum DC Blocking Voltage: 20V
- Operating Junction Temperature Range: -65 To +125

Product Description

Product Description:

With a maximum DC blocking voltage of 20V, this Schottky Barrier Diode is perfect for low voltage rectifier diode applications. It can handle a maximum average forward rectified current of 3A, making it suitable for a wide range of electronic circuits and devices. In addition, our Schottky Barrier Diode can handle a peak forward surge current of up to 100A, making it highly durable and reliable. It can withstand extreme operating conditions, thanks to its operating junction temperature range of -65 to +125 .

The Schottky Barrier Diode is packaged in a DO-214AC(SMA) package, making it easy to install and use. This package is designed to protect the diode from mechanical and environmental damage, ensuring its longevity and reliability.

Overall, our Schottky Barrier Diode is a high-quality electronic component diode that is perfect for your low voltage rectifier diode applications. It is designed to provide efficient and reliable performance, even under extreme operating conditions. Invest in our Schottky Barrier Diode today and experience the benefits of a top-quality electronic component.

Features:

Product Name: Schottky Barrier Diode

Maximum DC Blocking Voltage: 20V

Maximum Repetitive Peak Reverse Voltage: 20V

Package: DO-214AC(SMA)

Operating Junction Temperature Range: -65 To +125

Typical Junction Capacitance: 500pF

This product belongs to the family of Schottky Barrier Rectifiers. It is a type of Diode Triode Transistor.

Technical Parameters:

Parameter	Value
Maximum RMS Voltage	14V
Operating Junction Temperature Range	-65 To +125
Package	DO-214AC(SMA)
Typical Junction Capacitance	500pF
Maximum DC Blocking Voltage	20V
Maximum Average Forward Rectified Current	3A
Peak Forward Surge Current	100A
Maximum Repetitive Peak Reverse Voltage	20V

This Schottky Barrier Diode product is a high forward surge current Semiconductor, Electronic Component Diode, Diode Electronic Component that can handle up to 100A of peak forward surge current.

Applications:

With a maximum repetitive peak reverse voltage and maximum DC blocking voltage of 20V, this Schottky Barrier Diode is perfect for use in power supply circuits, voltage regulators, and polarity protection circuits. Its typical junction capacitance of 500pF makes it ideal for applications that require fast switching and low forward voltage drop.

Designed to handle a maximum average forward rectified current of 3A and a peak forward surge current of 100A, the SOCAT SS32A is a reliable and efficient diode for various diode triode transistor circuits. The product comes in DO-214AC(SMA) packaging details, with a minimum order quantity of 5000PCS/REEL.

The SOCAT SS32A is suitable for use in a wide range of application occasions and scenarios. Its high reliability and low power dissipation make it ideal for use in automotive electronics, communication equipment, computer and consumer electronics, and industrial control systems.

Overall, the SOCAT SS32A Schottky Barrier Diode is an essential electronic component for various applications in the electronics industry. Its high-quality construction, reliable performance, and versatility make it a popular choice for engineers and designers in need of a dependable and efficient diode.

FAQ:

Frequently Asked Questions:

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

A: The brand name of this product is SOCAT.

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

A: The model number of this product is SS32A.

Q: Where is this Schottky Barrier Diode manufactured?

A: This product is manufactured in Shenzhen, China.

Q: What certifications does this Schottky Barrier Diode have?

A: This product has REACH, RoHS, and ISO certifications.

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

A: The packaging details for this product is DO-214AC (SMA) and the minimum order quantity is 5000PCS/REEL.

