



## 3A SMB Packaged Surge Schottky Barrier Rectifiers SS32B With 20V 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: SS32B
- Minimum Order Quantity: 3000PCS/REEL
- Packaging Details: DO-214AA(SMB)



### Product Specification

- Maximum DC Blocking Voltage: 20V
- Maximum RMS Voltage: 14V
- Peak Forward Surge Current: 80A
- Package: DO-214AA(SMB)
- Maximum Forward Voltage: 0.5V
- Operating Junction Temperature Range: -55 To +125
- Maximum Average Forward Current: 3A
- Maximum Repetitive Peak Reverse Voltage: 20V

## Product Description

### Product Description:

In addition to its low forward voltage, this Schottky Barrier Diode is also able to handle high forward surge current making it a highly reliable and durable semiconductor. With a peak forward surge current of 80A, this diode is able to withstand short-term overloads, making it perfect for use in high power applications.

This Schottky Barrier Diode is designed to operate within a wide temperature range, with an operating junction temperature range of -55 to +125 . This means that it can be used in a variety of different environments and is able to withstand extreme temperatures. With a maximum average forward current of 3A and a maximum RMS voltage of 14V, this Schottky Barrier Diode is able to handle a variety of different electrical loads.

Overall, this Schottky Barrier Diode is a high-quality and reliable component that is perfect for use in a variety of different Diode Triode Transistor circuits. Its low forward voltage, high forward surge current, and wide operating temperature range make it an excellent choice for any high power application.

### Features:

Product Name: Schottky Barrier Diode

Diode Electronic Component

Surface mounted Diode

Schottky Barrier Rectifiers

Maximum RMS Voltage: 14V

Package: DO-214AA(SMB)

Maximum Forward Voltage: 0.5V

Maximum Average Forward Current: 3A

Maximum DC Blocking Voltage: 20V

### Technical Parameters:

| Technical Parameter                     | Value                                     |
|-----------------------------------------|-------------------------------------------|
| Electronic Component Diode Type         | Schottky Barrier Diode                    |
| Maximum Average Forward Current         | 3A                                        |
| Peak Forward Surge Current              | 80A                                       |
| Package                                 | DO-214AA(SMB)                             |
| Maximum Repetitive Peak Reverse Voltage | 20V                                       |
| Maximum RMS Voltage                     | 14V                                       |
| Maximum Forward Voltage                 | 0.5V                                      |
| Maximum DC Blocking Voltage             | 20V                                       |
| Operating Junction Temperature Range    | -55 To +125                               |
| Product Category                        | Surface Mount Schottky Barrier Rectifiers |

### Applications:

With a Maximum Average Forward Current of 3A and a Maximum DC Blocking Voltage of 20V, this diode is perfect for a variety of applications, including Schottky Barrier Rectifiers and Bridge Rectifier Diodes.

The SS32B also has a Maximum Repetitive Peak Reverse Voltage of 20V, a Maximum Forward Voltage of 0.5V, and a Maximum RMS Voltage of 14V, making it ideal for use in low voltage applications.

Each reel of SS32B Schottky Barrier Diodes contains 3000PCS and is packaged in DO-214AA (SMB) format. Order yours today and experience the superior quality and performance of SOCAY's SS32B Schottky Barrier Diode.

### FAQ:

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

A: The brand name is SOCAY.

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

A: The model number is SS32B.

Q: Where is the Schottky Barrier Diode made?

A: The Schottky Barrier Diode is made in Shenzhen, China.

Q: What certifications does the Schottky Barrier Diode have?

A: The Schottky Barrier Diode has REACH, RoHS, and ISO certifications.

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

A: The minimum order quantity is 3000PCS/REEL.

Q: What is the packaging detail of the Schottky Barrier Diode?

A: The packaging detail is DO-214AA(SMB).

