

## SS36A Schottky Barrier Diode 100A Surge Current Diode 60V Blocking Voltage

Our Product Introduction

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### Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: SOCAY
- Certification: REACH, RoHS, ISO
- Model Number: SS36A
- Minimum Order Quantity: 5000PCS/REEL
- Packaging Details: DO-214AC(SMA)



### Product Specification

- Typical Junction Capacitance: 500pF
- Maximum DC Blocking Voltage: 60V
- Maximum Average Forward Rectified Current: 3A
- Peak Forward Surge Current: 100A
- Operating Junction Temperature Range: -65 To +125
- Maximum RMS Voltage: 42V
- Maximum Repetitive Peak Reverse Voltage: 60V
- Package: DO-214AC(SMA)

## Product Description

### Product Description:

These rectifiers come in a DO-214AC (SMA) package, making them easy to mount on a circuit board. They are designed to handle a peak forward surge current of up to 100A, making them a great choice for applications where voltage spikes may occur. In addition, these Schottky Barrier Rectifiers have a typical junction capacitance of 500pF. This low capacitance makes them ideal for use in high-frequency applications where fast switching times are required. Whether you're designing a new circuit or replacing a faulty rectifier, our Surface Mount Schottky Barrier Rectifiers are a reliable and efficient choice. So why wait? Order now and experience the difference for yourself!

### Features:

Product Name: Schottky Barrier Diode  
Package: DO-214AC(SMA)  
Operating Junction Temperature Range: -65 To +125  
Typical Junction Capacitance: 500pF  
Peak forward Surge Current: 100A  
Maximum Average Forward Rectified Current: 3A  
Surface mounted Diode  
Low Voltage Rectifier Diode  
Diode Triode Transistor

### Technical Parameters:

|   |               |
|---|---------------|
| Package                                   | DO-214AC(SMA) |
| Maximum DC Blocking Voltage               | 60V           |
| Maximum Repetitive Peak Reverse Voltage   | 60V           |
| Peak Forward Surge Current                | 100A          |
| Maximum Average Forward Rectified Current | 3A            |
| Typical Junction Capacitance              | 500pF         |
| Maximum RMS Voltage                       | 42V           |
| Operating Junction Temperature Range      | -65 To +125   |

This product is a Schottky Barrier Rectifiers, designed as a Low Voltage Rectifier Diode with High forward surge current Semiconductor.

### Applications:

**Electrostatic Diode:** The SS36A is an ideal choice for use as an electrostatic diode. Its low forward voltage drop and high surge current make it well-suited for use in high-speed switching applications, such as in mobile phones, laptops, and other portable electronic devices.

**Bridge Rectifier Diode:** Another common application for the SS36A is as a bridge rectifier diode. Its high peak forward surge current rating and low reverse leakage current make it a popular choice for use in power supplies, battery chargers, and other high-current applications where efficiency and reliability are critical.

**General Purpose Diode:** The SS36A is also a versatile diode that can be used in a wide range of applications. Its small form factor, low junction capacitance, and wide operating temperature range make it a good choice for use in digital circuits, signal processing, and other general purpose applications.

The SOCAY SS36A Schottky Barrier Diode is made in Shenzhen, China and comes with REACH, RoHS, and ISO certification. It is available in a DO-214AC(SMA) package and has a minimum order quantity of 5000PCS/REEL. Its operating junction temperature range is -65 to +125 and it has a typical junction capacitance of 500pF. Its peak forward surge current is 100A and its maximum RMS voltage is 42V.

### 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 SS36A.

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

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

**Q4: What certifications does this Schottky Barrier Diode have?**

A4: This Schottky Barrier Diode has REACH, RoHS, and ISO certifications.

**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).

