

## SS36B Schottky Barrier Diode 42V RMS Voltage 60V 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: SS36B
- Minimum Order Quantity: 3000 PCS/REEL
- Packaging Details: DO-214AA(SMB)



### Product Specification

- Maximum RMS Voltage: 42V
- Maximum DC Blocking Voltage: 60V
- Maximum Repetitive Peak Reverse Voltage: 60V
- Maximum Forward Voltage: 0.74V
- Maximum Average Forward Current: 3A
- Package: DO-214AA(SMB)
- Peak Forward Surge Current: 80A
- Operating Junction Temperature Range: -65 To +175

## Product Description

### Product Description:

Our Schottky Barrier Diode is a bridge rectifier diode that is widely used in a variety of electronic applications. Its unique design allows for a low forward voltage drop and fast switching capabilities, making it ideal for use in high-frequency circuits. With a maximum RMS voltage of 42V and a maximum average forward current of 3A, our Schottky Barrier Diode is versatile and can be used in a wide range of applications.

The operating junction temperature range of our Schottky Barrier Diode is between -65 to +175 , making it suitable for use in extreme environments. Whether you are designing a high-performance audio amplifier or a voltage regulator for a power supply, our Schottky Barrier Diode is the perfect choice for your needs.

Our Schottky Barrier Diode is a surface mount component, which means that it is easy to install and requires minimal space on your PCB. Its compact size and low profile make it an ideal choice for small electronic devices, such as smartphones, tablets, and wearables.

Order our Schottky Barrier Diode today and experience the benefits of a high-performance electronic component diode. With its superior performance, durability, and versatility, our Schottky Barrier Diode is the perfect solution for all your electronic needs.

### Features:

Product Name: Schottky Barrier Diode

Surface mounted Diode

Maximum Repetitive Peak Reverse Voltage: 60V

Operating Junction Temperature Range: -65 To +175

Maximum RMS Voltage: 42V

Peak Forward Surge Current: 80A

Maximum Forward Voltage: 0.74V

Surface Mount Schottky Barrier Rectifiers

Bridge Rectifier Diode

### Technical Parameters:

Product Attribute	Value
Maximum DC Blocking Voltage	60V
Package	DO-214AA(SMB)
Operating Junction Temperature Range	-65 To +175
Maximum Forward Voltage	0.74V
Peak Forward Surge Current	80A
Maximum Average Forward Current	3A
Maximum RMS Voltage	42V
Maximum Repetitive Peak Reverse Voltage	60V

### Applications:

The SS36B Schottky Barrier Diode is commonly used as a bridge rectifier diode in various electronic circuits and devices. Its maximum forward voltage is 0.74V and it has a maximum DC blocking voltage of 60V. With a maximum RMS voltage of 42V and a maximum average forward current of 3A, this diode is ideal for use in low voltage applications.

The SS36B Schottky Barrier Diode is suitable for a variety of product application occasions and scenarios. It can be used in power adapters, chargers, LED lighting, and other electronic devices. Its low forward voltage drop and high current capability make it an excellent choice for high efficiency and high-frequency applications.

The DO-214AA(SMB) package ensures that the diode is well-protected during transportation and storage. This package is widely used in various industries, including telecommunications, automotive, and consumer electronics.

Overall, the SS36B Schottky Barrier Diode from SOCAY is a reliable and efficient product that is perfect for use in a wide range of applications and scenarios. Its high-quality construction, along with its certification and packaging, make it an excellent choice for any electronic project.

### Customization:

SOCAY offers product customization services for its SS36B Surface Mount Schottky Barrier Rectifiers. The product is designed and manufactured in Shenzhen, China and is compliant with REACH, RoHS, and ISO certifications. The minimum order quantity for this product is 3000PCS/REEL and it is packaged in DO-214AA(SMB) packaging.

These Schottky Barrier Rectifiers have a maximum DC blocking voltage of 60V, maximum average forward current of 3A, and maximum forward voltage of 0.74V. They also have a maximum RMS voltage of 42V and an operating junction temperature range of -65 To +175 , making them ideal for high forward surge current semiconductor applications.

### FAQ:

**Frequently Asked Questions about SOCAY SS36B Schottky Barrier Diode:**

**Q: What is a Schottky Barrier Diode?**

A: A Schottky Barrier Diode is a type of diode that has a low forward voltage drop and fast switching action. It is commonly used in power supply and voltage regulation applications.

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

A: The model number of this Schottky Barrier Diode is SS36B.

**Q: Where is this product manufactured?**

A: This product is manufactured in Shenzhen, China.

**Q: What certifications does this product have?**

A: This product is certified by REACH, RoHS, and ISO.

**Q: What is the minimum order quantity for this product?**

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

**Q: What is the packaging details for this product?**

A: The packaging details for this product is DO-214AA(SMB).



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