



## SOD-123FL Surface Mount Schottky Barrier Diode SBD106D1 for Advanced Designs

Our Product Introduction

for more products please visit us on [socaydiode.com](http://socaydiode.com)

### Basic Information

- Place of Origin: Shenzhen, China
- Brand Name: Socay
- Certification: REACH, RoHS, ISO
- Model Number: SBD106D1
- Minimum Order Quantity: 3000 PCS/REEL
- Packaging Details: per 7" plastic Reel



### Product Specification

- Reverse Leakage Current At VRRM: 30  $\mu$ A
- Operating Junction Temperature And Storage Temperature Range: -55 To +150
- Maximum DC Blocking Voltage: 60V
- Average Rectified Current: 1A
- Typical Junction Capacitance Rating At VR=0V: 125pF
- Maximum Forward Voltage At IF=1A: 0.7V

## Product Description

### Product Description:

Our Schottky Barrier Diode also has a Maximum Forward Voltage of only 0.7V at IF=1A, ensuring minimal power loss and maximizing efficiency. With a Maximum RMS Voltage of 42V, our product is designed to handle a variety of power supply needs. Whether you're working on a hobby project or a commercial application, our Surface Mount Schottky Barrier Rectifiers are a reliable choice for your diode triode transistor needs.

### Features:

Product Name: Schottky Barrier Diode

Average Rectified Current: 1A

Maximum Repetitive Peak Reverse Voltage: 60V

Maximum Forward Voltage at IF=1A: 0.7V

Operating Junction Temperature and Storage Temperature Range: -55 To +150

Product Type: Surface mounted Diode

Usage: Bridge Rectifier Diode

Features: Surface Mount Schottky Barrier Rectifiers

### Technical Parameters:

Reverse Leakage Current at VRRM	30μA
Maximum Forward Voltage at IF=1A	0.7V
Maximum Repetitive Peak Reverse Voltage	60V
Average Rectified Current	1A
Maximum RMS Voltage	42V
Typical Junction Capacitance Rating at VR=0V	125pF
Operating Junction Temperature and Storage Temperature Range	-55 To +150
Maximum DC Blocking Voltage	60V

This Schottky Barrier Diode is a high forward surge current semiconductor, bridge rectifier diode, and diode electronic component.

### FAQ:

1.What is the brand name of this Schottky Barrier Diode?

A: The brand name of this Schottky Barrier Diode is Socay.

2.What is the model number of this Schottky Barrier Diode?

A: The model number of this Schottky Barrier Diode is SBD106D1.

3.Where is this Schottky Barrier Diode manufactured?

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

4.Does this Schottky Barrier Diode have any certifications?

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

5.What is the minimum order quantity for this Schottky Barrier Diode?

A: The minimum order quantity for this Schottky Barrier Diode is 3000PCS/REEL, and it is packaged per 7" plastic Reel.



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