

Diode Zener Single 13.25V 5% 250mW 3-Pin SOT-23 T/R

Manufacturers	<u><a href="#">NXP Semiconductor</a></u>
Package/Case	SOT-23
Product Type	Discrete Semiconductors
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for BZX84-C13 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

BZX84-C13 is a type of small-signal Zener diode. It is a three-pin, surface mount device that is commonly used in electronic circuits for voltage regulation and protection purposes. The "BZX84" part of the name refers to the general series of Zener diodes, and "C13" indicates the specific Zener voltage of 13 volts.

## Features

Zener voltage (Vz): 13V

Power dissipation (Ptot): 350mW

Maximum forward voltage (VF): 1V

Maximum reverse leakage current (IR): 1µA

Package type: SOT-23, which is a small surface mount package with three pins

RoHS compliant: BZX84-C13 is compliant with the Restriction of Hazardous Substances directive, which restricts the use of certain hazardous materials in electronic products.

## Application

**Voltage regulation:** BZX84-C13 can be used to regulate voltage in electronic circuits, ensuring that a stable voltage is maintained within a certain range.

**Overvoltage protection:** BZX84-C13 can be used to protect sensitive electronic components from damage due to overvoltage conditions by providing a low impedance path for excess voltage to be bypassed.

**Signal conditioning:** BZX84-C13 can be used to limit or clamp the voltage of signals in electronic circuits, preventing damage to other components or ensuring that signals are within a desired range.



**Related Products**



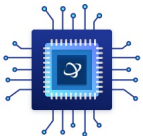
[BZX384-C5V1](#)

NXP Semiconductor  
SOT-23



[BZX84J-B6V8](#)

NXP Semiconductor  
SOD323



[MMBZ10VAL](#)

NXP Semiconductor



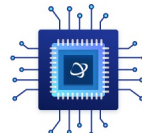
[BZV55-B6V2](#)

NXP Semiconductor  
LL34



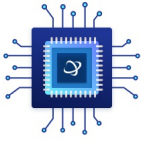
[BZV55-C75](#)

NXP Semiconductor  
LL34



[BZX384-B11](#)

NXP Semiconductor



[BZX84J-C16](#)

NXP Semiconductor



[BZX55](#)

NXP Semiconductor

LL34