

MCC's Robust & Versatile BZX584C Series Zener Diodes

300MW ZENER DIODES



Features

- High operating junction temperatures up to 150°C
- Wide voltage selection from 2V to 47V
- Compact SOD-523 package
- High-power handling capability

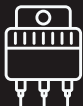


Benefits

Deliver stable performance in a range of temperatures and voltages.

Small SOD-523 package enables efficient use of space without sacrificing functionality.

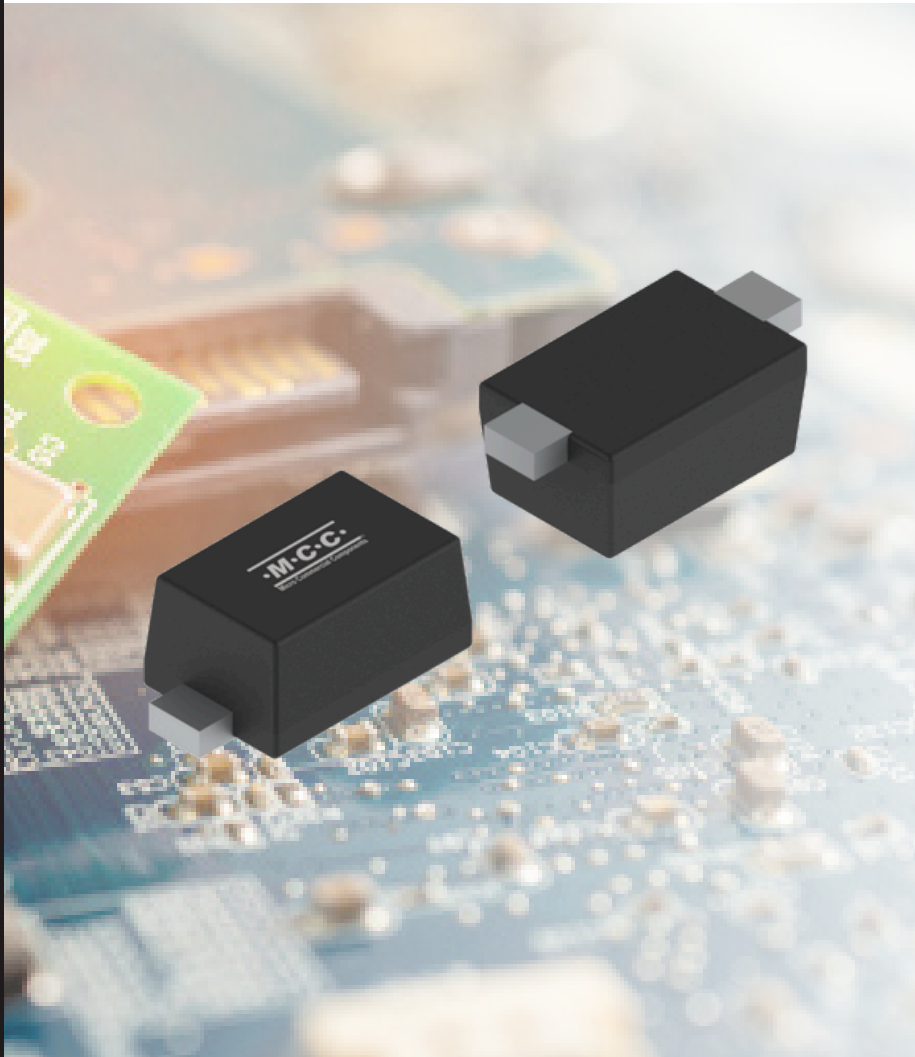
Applications



Basic Voltage Regulation

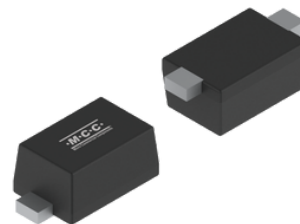


Overvoltage Protection



2V to 47V Options in Compact SOD-523 Package

Enhanced Thermal Performance



Product Attributes, Parametrics & Datasheets

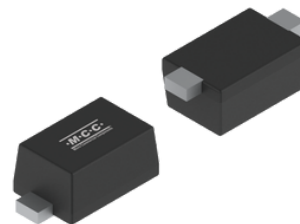
Product	Type	Package	Power DissipationPD	ZenerVoltageV Z	Mounting Type	Datasheet
BZX584C10L	Zener Diode	SOD-523	300mW	10V	Surface-Mount (SMD)	Info
BZX584C11L	Zener Diode	SOD-523	300mW	11V	Surface-Mount (SMD)	Info
BZX584C12L	Zener Diode	SOD-523	300mW	12V	Surface-Mount (SMD)	Info
BZX584C13L	Zener Diode	SOD-523	300mW	13V	Surface-Mount (SMD)	Info
BZX584C15L	Zener Diode	SOD-523	300mW	15V	Surface-Mount (SMD)	Info
BZX584C16L	Zener Diode	SOD-523	300mW	16V	Surface-Mount (SMD)	Info
BZX584C18L	Zener Diode	SOD-523	300mW	18V	Surface-Mount (SMD)	Info
BZX584C20L	Zener Diode	SOD-523	300mW	20V	Surface-Mount (SMD)	Info
BZX584C22L	Zener Diode	SOD-523	300mW	22V	Surface-Mount (SMD)	Info
BZX584C24L	Zener Diode	SOD-523	300mW	24V	Surface-Mount (SMD)	Info
BZX584C27L	Zener Diode	SOD-523	300mW	27V	Surface-Mount (SMD)	Info

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Enhanced Thermal Performance



Product Attributes, Parametrics & Datasheets

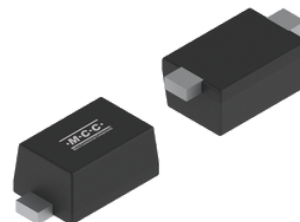
Product	Type	Package	Power DissipationPD	ZenerVoltageV _Z	Mounting Type	Datasheet
BZX584C2V0L	Zener Diode	SOD-523	300mW	2V	Surface-Mount (SMD)	Info
BZX584C2V2L	Zener Diode	SOD-523	300mW	2.2V	Surface-Mount (SMD)	Info
BZX584C2V4L	Zener Diode	SOD-523	300mW	2.4V	Surface-Mount (SMD)	Info
BZX584C2V7L	Zener Diode	SOD-523	300mW	2.7V	Surface-Mount (SMD)	Info
BZX584C30L	Zener Diode	SOD-523	300mW	30V	Surface-Mount (SMD)	Info
BZX584C33L	Zener Diode	SOD-523	300mW	33V	Surface-Mount (SMD)	Info
BZX584C36L	Zener Diode	SOD-523	300mW	36V	Surface-Mount (SMD)	Info
BZX584C39L	Zener Diode	SOD-523	300mW	39V	Surface-Mount (SMD)	Info
BZX584C3V0L	Zener Diode	SOD-523	300mW	3V	Surface-Mount (SMD)	Info
BZX584C3V3L	Zener Diode	SOD-523	300mW	3.3V	Surface-Mount (SMD)	Info
BZX584C3V6L	Zener Diode	SOD-523	300mW	3.6V	Surface-Mount (SMD)	Info

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Offers 2V to 47V options to support diverse needs



Product Attributes, Parametrics & Datasheets

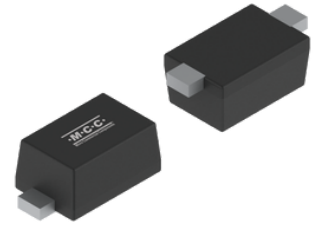
Product	Type	Package	Power DissipationPD	ZenerVoltageV Z	Mounting Type	Datasheet
BZX584C3V9L	Zener Diode	SOD-523	300mW	3.9V	Surface-Mount (SMD)	Info
BZX584C43L	Zener Diode	SOD-523	300mW	43V	Surface-Mount (SMD)	Info
BZX584C47L	Zener Diode	SOD-523	300mW	47V	Surface-Mount (SMD)	Info
BZX584C4V3L	Zener Diode	SOD-523	300mW	4.3V	Surface-Mount (SMD)	Info
BZX584C4V7L	Zener Diode	SOD-523	300mW	4.7V	Surface-Mount (SMD)	Info
BZX584C5V1L	Zener Diode	SOD-523	300mW	5.1V	Surface-Mount (SMD)	Info
BZX584C5V6L	Zener Diode	SOD-523	300mW	5.6V	Surface-Mount (SMD)	Info
BZX584C6V2L	Zener Diode	SOD-523	300mW	6.2V	Surface-Mount (SMD)	Info
BZX584C6V8L	Zener Diode	SOD-523	300mW	6.8V	Surface-Mount (SMD)	Info
BZX584C7V5L	Zener Diode	SOD-523	300mW	7.5V	Surface-Mount (SMD)	Info
BZX584C8V2L	Zener Diode	SOD-523	300mW	8.2V	Surface-Mount (SMD)	Info

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Enables smaller designs with the versatile SOD-523 package



Product Attributes, Parametrics & Datasheets

Product	Type	Package	Drain-Source Voltage VDS	Drain-Source On-Resistance (max.) RDS(ON)	Mounting Type	Datasheet
BZX584C9V1L	Zener Diode	SOD-523	300mW	9.1V	Surface-Mount (SMD)	Info

Applications:



Industrial

- High power switching applications
- Electric motor controls
- Motor drives
- Lighting controls

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