

Image may be representation.  
See specifications for product details.



## SZ1SMB5931BT3G

Manufacturer Part Number	<b>SZ1SMB5931BT3G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-SZ1SMB5931BT3G
ECAD Model	Request Free CAD Models
Parts Description	DIODE ZENER 18V 3W SMB
Package	DO-214AA, SMB
Data sheet	<b>SZ1SMB5915BT3G Datasheet.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

SZ1SMB5931BT3G - onsemi.New Original in Stock. Download Linear Technology SZ1SMB5931BT3G datasheet/specifications on AllelcoElec.com.  
Request a quote for SZ1SMB5931BT3G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

SZ1SMB5931BT3G Tech Specifications  
SZ1SMB5931BT3G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package / Case	DO-214AA, SMB
Voltage - Zener (Nom) (Vz)	18 V	Package	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	1.5 V @ 200 mA	Operating Temperature	-65°C ~ 150°C
Tolerance	±5%	Mounting Type	Surface Mount
Supplier Device Package	SMB	Impedance (Max) (Zzt)	12 Ohms
Series	Automotive, AEC-Q101	Current - Reverse Leakage @ Vr	1 µA @ 13.7 V
Power - Max	3 W	Base Product Number	SZ1SMB5931

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi SZ1SMB5931BT3G

Product Attribute				
Part Number	SZ1SMB5931BT3G	<b>SZ1SMB5934BT3G</b>	<b>SZ1SMB5938BT3G</b>	<b>SZ1SMB5934BT3G-VF01</b>
Manufacturer	onsemi	onsemi	onsemi	onsemi
Tolerance	±5%	±5%	±5%	±5%
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Supplier Device Package	SMB	SMB	SMB	SMB
Power - Max	3 W	3 W	3 W	3 W
Voltage - Forward (Vf) (Max) @ If	1.5 V @ 200 mA	1.5 V @ 200 mA	1.5 V @ 200 mA	1.5 V @ 200 mA
Impedance (Max) (Zzt)	12 Ohms	19 Ohms	38 Ohms	19 Ohms
Operating Temperature	-65°C ~ 150°C	-65°C ~ 150°C	-65°C ~ 150°C	-65°C ~ 150°C (TJ)
Package / Case	DO-214AA, SMB	DO-214AA, SMB	DO-214AA, SMB	DO-214AA, SMB
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	Automotive, AEC-Q101	Automotive, AEC-Q101	Automotive, AEC-Q101	Automotive, AEC-Q101
Current - Reverse Leakage @ Vr	1 µA @ 13.7 V	1 µA @ 18.2 V	1 µA @ 27.4 V	1 µA @ 18.2 V
Base Product Number	SZ1SMB5931	SZ1SMB5934	SZ1SMB5938	SZ1SMB5934
Voltage - Zener (Nom) (Vz)	18 V	24 V	36 V	24 V

### SZ1SMB5931BT3G Datasheet PDF

Download SZ1SMB5931BT3G pdf datasheets and onsemi documentation for SZ1SMB5931BT3G - onsemi.

#### Datasheets

[SZ1SMB5915BT3G Datasheet.pdf](#)

#### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

#### PCN Assembly/Origin

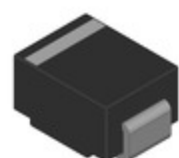
[Assembly/Test Site Update 7/Jun/2017.pdf](#)

### Customers Also Interested in

#### Recommended Products



**SZ1SMB5934BT3G**  
onsemi  
DIODE ZENER 24V 3W SMB



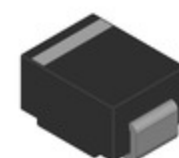
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onsemi  
DIODE ZENER 36V 3W SMB



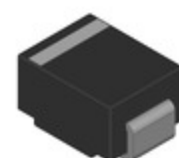
**SZ1SMB5934BT3G-VF01**  
onsemi  
DIODE ZENER 24V 3W SMB



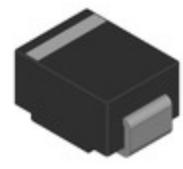
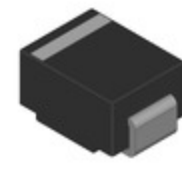
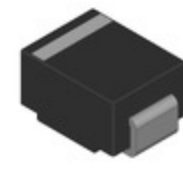
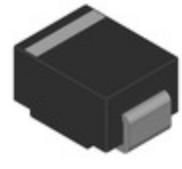
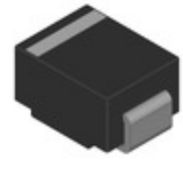
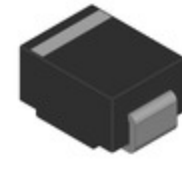
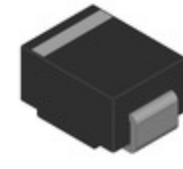
**SZ1SMB5930BT3**  
onsemi  
DIODE ZENER 16V 3W SMB



**SZ1SMB5933BT3G**  
onsemi  
DIODE ZENER 22V 3W SMB



**SZ1SMB5928BT3G**  
onsemi  
DIODE ZENER 13V 3W SMB

**SZ1SMB5924BT3G**onsemi  
DIODE ZENER 9.1V 3W SMB**SZ1SMB5926BT3G**onsemi  
DIODE ZENER 11V 3W SMB**SZ1SMB5939BT3G**onsemi  
DIODE ZENER 39V 3W SMB**SZ1SMB5935BT3G**onsemi  
DIODE ZENER 27V 3W SMB**SZ1SMB5935BT3G-VF01**onsemi  
DIODE ZENER 27V 3W SMB**SZ1SMB5919BT3G**onsemi  
DIODE ZENER 5.6V 3W SMB**SZ1SMB5923BT3G**onsemi  
DIODE ZENER 8.2V 3W SMB**SZ1SMB5932BT3G**onsemi  
DIODE ZENER 20V 3W SMB**SZ1SMB5922BT3G**onsemi  
DIODE ZENER 7.5V 3W SMB**SZ1SMB5937BT3G**onsemi  
DIODE ZENER 33V 3W SMB**SZ1SMB5929BT3G**onsemi  
DIODE ZENER 15V 3W SMB**SZ1SMB5925BT3G**onsemi  
DIODE ZENER 10V 3W SMB

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

- > Use your express account for shipment if you have one.
  - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

### Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

## Payment Support

The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -

- Efficient Supply Management
- Cost-Saving Procurement
- Fast Sourcing & Delivery

Contact us if you have any questions.

- Phone  
+00852 9146 4856
- Email  
info@allelco.com

## Certifications & Memberships



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### Contact us

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