



Image may be representation.
See specifications for product details.



SZ1SMA5931BT3G

Manufacturer Part Number **SZ1SMA5931BT3G**

Manufacturer **onsemi**

Allelco Part Number 32D-SZ1SMA5931BT3G

ECAD Model Request Free CAD Models

Parts Description **DIODE ZENER 18V 1.5W SMA**

Package **DO-214AC, SMA**

Data sheet **1SMA59xxBT3G, SZ1SMA59xxBT3G Series.pdf**

RoHs Status **ROHS3 Compliant**

Get a Quote

SZ1SMA5931BT3G - onsemi.New Original in Stock. Download Linear Technology SZ1SMA5931BT3G datasheet/specifications on AllelcoElec.com.
Request a quote for SZ1SMA5931BT3G, please send us email: info@allelco.com

Specifications

SZ1SMA5931BT3G Tech Specifications

SZ1SMA5931BT3G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package / Case	DO-214AC, SMA
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	SMA	Impedance (Max) (Zzt)	12 Ohms
Series	Automotive, AEC-Q101	Current - Reverse Leakage @ Vr	500 nA @ 13.7 V
Power - Max	1.5 W	Base Product Number	SZ1SMA5931

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi SZ1SMA5931BT3G

Product Attribute				
Part Number	SZ1SMA5931BT3G	SZ1SMA5921BT3G	SZ1SMA5925BT3G	SZ1SMA5929BT3G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Tolerance	±5%	±5%	±5%	±5%
Impedance (Max) (Zzt)	12 Ohms	2.5 Ohms	4.5 Ohms	9 Ohms
Current - Reverse Leakage @ Vr	500 nA @ 13.7 V	2.5 µA @ 5.2 V	2.5 µA @ 8 V	500 nA @ 11.4 V
Power - Max	1.5 W	1.5 W	1.5 W	1.5 W
Voltage - Zener (Nom) (Vz)	18 V	6.8 V	10 V	15 V
Operating Temperature	-65°C ~ 150°C	-65°C ~ 150°C	-65°C ~ 150°C	-65°C ~ 150°C
Package / Case	DO-214AC, SMA	DO-214AC, SMA	DO-214AC, SMA	DO-214AC, SMA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	Automotive, AEC-Q101	Automotive, AEC-Q101	Automotive, AEC-Q101	Automotive, AEC-Q101
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
Supplier Device Package	SMA	SMA	SMA	SMA
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Base Product Number	SZ1SMA5931	SZ1SMA5921	SZ1SMA5925	SZ1SMA5929

SZ1SMA5931BT3G Datasheet PDF

Download SZ1SMA5931BT3G pdf datasheets and onsemi documentation for SZ1SMA5931BT3G - onsemi.

Datasheets

1SMA59xxBT3G, SZ1SMA59xxBT3G Series.pdf

Environmental Information

onsemi RoHS.pdf

PCN Assembly/Origin

Mult Device Assembly/Test Site chg 20/Jul/2017.pdf

Customers Also Interested in

Recommended Products



SZ1SMA5921BT3G

onsemi
DIODE ZENER 6.8V 1.5W SMA



SZ1SMA6.5AT3G

Littelfuse Inc.
TVS DIODE 6.5VWM 11.2VC SMA



SZ1SMA5925BT3G

onsemi
DIODE ZENER 10V 1.5W SMA



SZ1SMA5929BT3G

onsemi
DIODE ZENER 15V 1.5W SMA



SZ1SMA5919BT3G

onsemi
DIODE ZENER 5.6V 1.5W SMA



SZ1SMA70AT3G

Littelfuse Inc.
TVS DIODE 70VWM 113VC SMA



SZ1SMA5945BT3G
onsemi
DIODE ZENER 68V 1.5W SMA



SZ1SMA5935BT3G-VF01
onsemi
DIODE ZENER 27V 1.5W SMA



SZ1SMA5927BT3G
onsemi
DIODE ZENER 12V 1.5W SMA



SZ1SMA5935BT3G
onsemi
DIODE ZENER 27V 1.5W SMA



SZ1SMA8.0AT3G
Littelfuse Inc.
TVS DIODE 8VWM 13.6VC SMA TR



SZ1SMA5930BT3G
onsemi
DIODE ZENER 16V 1.5W SMA



SZ1SMA5936BT3G
onsemi
DIODE ZENER 30V 1.5W SMA



SZ1SMA5937BT3G
onsemi
DIODE ZENER 33V 1.5W SMA



SZ1SMA5939BT3G
onsemi
DIODE ZENER 39V 1.5W SMA



SZ1SMA5923BT3G
onsemi
DIODE ZENER 8.2V 1.5W SMA



SZ1SMA6.0AT3G
Littelfuse Inc.
TVS DIODE 6VWM 10.3VC SMA TR



SZ1SMA5920BT3G
onsemi
DIODE ZENER 6.2V 1.5W SMA

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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