



Image may be representation.  
See specifications for product details.



## SZBZX84C18ET1G

Manufacturer Part Number	<b>SZBZX84C18ET1G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-SZBZX84C18ET1G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE ZENER 18V 225MW SOT23-3
Package	TO-236-3, SC-59, SOT-23-3
Data sheet	<b>BZX84CxxET1G, SZBZX84CxxET1G Series.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

SZBZX84C18ET1G - onsemi.New Original in Stock. Download Linear Technology SZBZX84C18ET1G datasheet/specifications on AllelcoElec.com.  
Request a quote for SZBZX84C18ET1G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

SZBZX84C18ET1G Tech Specifications  
SZBZX84C18ET1G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package / Case	TO-236-3, SC-59, SOT-23-3
Voltage - Zener (Nom) (Vz)	18 V	Package	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	900 mV @ 10 mA	Operating Temperature	-65°C ~ 150°C (TJ)
Tolerance	±6%	Mounting Type	Surface Mount
Supplier Device Package	SOT-23-3 (TO-236)	Impedance (Max) (Zzt)	45 Ohms
Series	Automotive, AEC-Q101	Current - Reverse Leakage @ Vr	50 nA @ 12.6 V
Power - Max	225 mW	Base Product Number	SZBZX84

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi SZBZX84C18ET1G

Product Attribute				
Part Number	SZBZX84C18ET1G	<b>SZBZX84C20ET1G</b>	<b>SZBZX84C12LT1G</b>	<b>SZBZX84C27LT3G</b>
Manufacturer	onsemi	onsemi	onsemi	onsemi
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Power - Max	225 mW	225 mW	250 mW	225 mW
Package / Case	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3
Supplier Device Package	SOT-23-3 (TO-236)	SOT-23-3 (TO-236)	SOT-23-3 (TO-236)	SOT-23-3 (TO-236)
Series	Automotive, AEC-Q101	Automotive, AEC-Q101	Automotive, AEC-Q101	Automotive, AEC-Q101, SZBZX84CxxxLT1G
Operating Temperature	-65°C ~ 150°C (TJ)	-65°C ~ 150°C (TJ)	-65°C ~ 150°C (TJ)	-65°C ~ 150°C (TJ)
Impedance (Max) (Zzt)	45 Ohms	55 Ohms	25 Ohms	80 Ohms
Base Product Number	SZBZX84	SZBZX84	SZBZX84	SZBZX84
Voltage - Forward (Vf) (Max) @ If	900 mV @ 10 mA	900 mV @ 10 mA	900 mV @ 10 mA	900 mV @ 10 mA
Tolerance	±6%	±6%	±5%	±7%
Voltage - Zener (Nom) (Vz)	18 V	20 V	12 V	27 V
Current - Reverse Leakage @ Vr	50 nA @ 12.6 V	50 nA @ 14 V	100 nA @ 8 V	50 nA @ 18.9 V

### SZBZX84C18ET1G Datasheet PDF

Download SZBZX84C18ET1G pdf datasheets and onsemi documentation for SZBZX84C18ET1G - onsemi.

#### Datasheets

[BZX84CxxET1G, SZBZX84CxxET1G Series.pdf](#)

#### Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

#### PCN Design/Specification

[SOT23 27/Sep/2016.pdf](#)

#### PCN Assembly/Origin

[Mult Dev Wafer Fab Trsf 30/Jul/2018.pdf](#)

### Customers Also Interested in

#### Recommended Products

**SZBZX84C20ET1G**onsemi  
DIODE ZENER 20V 225MW SOT23-3**SZBZX84C12LT1G**onsemi  
DIODE ZENER 12V 250MW SOT23-3**SZBZX84C27LT3G**onsemi  
DIODE ZENER 27V 225MW SOT23-3**SZBZX84C2V4LT1G**onsemi  
DIODE ZENER 2.4V 225MW SOT23-3**SZBZX84C16ET1G**onsemi  
DIODE ZENER 16V 225MW SOT23-3**SZBZX84C18LT1G**onsemi  
DIODE ZENER 18V 225MW SOT23-3**SZBZX84C18LT3G**onsemi  
DIODE ZENER 18V 225MW SOT23-3**SZBZX84C16LT1G**onsemi  
DIODE ZENER 16V 250MW SOT23-3**SZBZX84C12ET3G**onsemi  
DIODE ZENER 12V 225MW SOT23-3**SZBZX84C22LT1G**onsemi  
DIODE ZENER 22V 225MW SOT23-3**SZBZX84C12LT3G**onsemi  
DIODE ZENER 12V 250MW SOT23-3**SZBZX84C15ET1G**onsemi  
DIODE ZENER 15V 225MW SOT23-3**SZBZX84C11LT1G**onsemi  
DIODE ZENER 11V 225MW SOT23-3**SZBZX84C2V4LT1G**Fairchild Semiconductor  
ZENER DIODE, 2.4V, 8.33%, 0.25W,**SZBZX84C27LT1G**onsemi  
DIODE ZENER 27V 225MW SOT23-3**SZBZX84C27ET1G**onsemi  
DIODE ZENER 27V 225MW SOT23-3**SZBZX84C15LT1G**onsemi  
DIODE ZENER 15V 225MW SOT23-3**SZBZX84C24LT1G**onsemi  
DIODE ZENER 24V 225MW SOT23-3

## 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

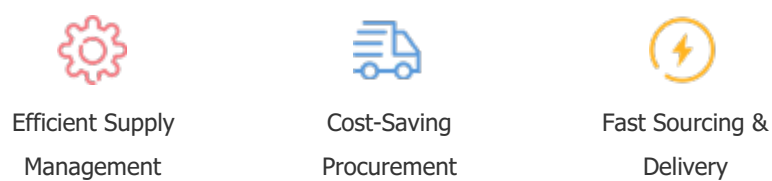
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

## Payment Support

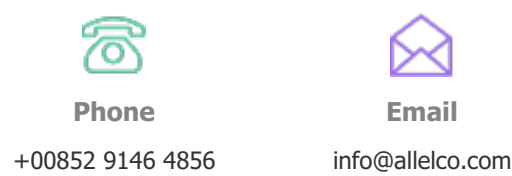
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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