

Image may be representation.
See specifications for product details.

1SMB5920BT3

Manufacturer Part Number	1SMB5920BT3
Manufacturer	onsemi
Allelco Part Number	32D-1SMB5920BT3
ECAD Model	Request Free CAD Models
Parts Description	DIODE ZENER 6.2V 3W SMB
Package	DO-214AA, SMB
Data sheet	(SZ1)1SMB59xxBT3(G).pdf SZ1SMB5915BT3G Datasheet.pdf

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Specifications

1SMB5920BT3 Tech Specifications

1SMB5920BT3 - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package / Case	DO-214AA, SMB
Voltage - Zener (Nom) (Vz)	6.2 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)	2 Ohms
Series	-	Current - Reverse Leakage @ Vr	5 µA @ 4 V
Power - Max	3 W	Base Product Number	1SMB5920

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi 1SMB5920BT3

Product Attribute				
Part Number	1SMB5920BT3	1SMB5918BT3G	1SMB5919B	1SMB5922BT3G
Manufacturer	onsemi	onsemi	Rectron USA	onsemi
Impedance (Max) (Zzt)	2 Ohms	4 Ohms	2 Ohms	3 Ohms
Package	Tape & Reel (TR)	Tape & Reel (TR)	-	Tape & Reel (TR)
Supplier Device Package	SMB	SMB	DO-214AA, SMB	SMB
Package / Case	DO-214AA, SMB	DO-214AA, SMB	DO-214AA, SMB	DO-214AA, 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
Voltage - Zener (Nom) (Vz)	6.2 V	5.1 V	5.6 V	7.5 V
Current - Reverse Leakage @ Vr	5 µA @ 4 V	5 µA @ 2 V	5 µA @ 3 V	5 µA @ 6 V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-65°C ~ 150°C	-65°C ~ 150°C	-	-65°C ~ 150°C
Tolerance	±5%	±5%	±5%	±5%
Series	-	-	-	-
Base Product Number	1SMB5920	1SMB5918	-	1SMB5922

1SMB5920BT3 Datasheet PDF

Download 1SMB5920BT3 pdf datasheets and onsemi documentation for 1SMB5920BT3 - onsemi.

Datasheets

- [\(SZ1\)1SMB59xxBT3\(G\).pdf](#)
- [SZ1SMB5915BT3G Datasheet.pdf](#)

Environmental Information

- [onsemi REACH.pdf](#)
- [onsemi RoHS.pdf](#)

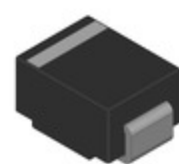
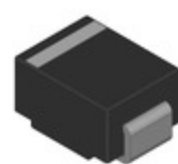
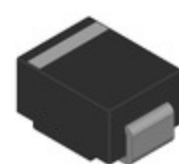
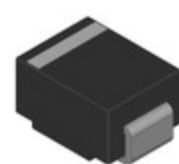
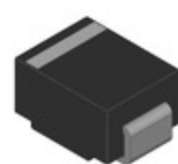
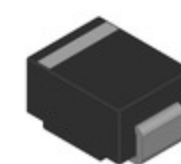
PCN Obsolescence/ EOL

- [Multiple Devices 21/Jan/2010.pdf](#)

Customers Also Interested in

Recommended Products

1SMB5918BT3G	1SMB5919B	1SMB5922BT3G	1SMB5919BT3G	1SMB5921BT3	1SMB5922BT3
onsemi	Rectron USA	onsemi	onsemi	onsemi	onsemi
DIODE ZENER 5.1V 3W SMB	DIODE ZENER 5.6V 3W SMB	DIODE ZENER 7.5V 3W SMB	DIODE ZENER 5.6V 3W SMB	DIODE ZENER 6.8V 3W SMB	DIODE ZENER 7.5V 3W SMB

**1SMB5920B-13**Diodes Incorporated
DIODE ZENER 6.2V 3W SMB**1SMB5919BT3**onsemi
DIODE ZENER 5.6V 3W SMB**1SMB5923BT3**onsemi
DIODE ZENER 8.2V 3W SMB**1SMB5922B-13**Diodes Incorporated
DIODE ZENER 7.5V 3W SMB**1SMB5922B**Rectron USA
DIODE ZENER 7.5V 3W SMB**1SMB5921B-13**Diodes Incorporated
DIODE ZENER 6.8V 3W SMB**1SMB5917BT3**onsemi
DIODE ZENER 4.7V 3W SMB**1SMB5920BT3G**onsemi
DIODE ZENER 6.2V 3W SMB**1SMB5921BT3G**onsemi
DIODE ZENER 6.8V 3W SMB**1SMB5917BT3G**onsemi
DIODE ZENER 4.7V 3W SMB**1SMB5923B-13**Diodes Incorporated
DIODE ZENER 8.2V 3W SMB**1SMB5918B**Good-Ark Semiconductor
DIODE, ZENER, 3W, 5.1V, DO-214AA

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.



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Certifications & Memberships



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