



Image may be representation.
See specifications for product details.



TLZ5V1A-GS08

Manufacturer Part Number	TLZ5V1A-GS08
Manufacturer	Vishay General Semiconductor – Diodes Division
Allelco Part Number	32D-TLZ5V1A-GS08
ECAD Model	Request Free CAD Models
Parts Description	DIODE ZENER 5.1V 500MW SOD80
Package	DO-213AC, MINI-MELF, SOD-80
Data sheet	TLZ Series.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

TLZ5V1A-GS08 - Vishay General Semiconductor - Diodes Division. New Original in Stock. Download Linear Technology TLZ5V1A-GS08 datasheet/specifications on AllelcoElec.com.
Request a quote for TLZ5V1A-GS08, please send us email: info@allelco.com

Specifications

TLZ5V1A-GS08 Tech Specifications

TLZ5V1A-GS08 - Vishay General Semiconductor - Diodes Division technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay General Semiconductor – Diodes Division	Package / Case	DO-213AC, MINI-MELF, SOD-80
Voltage - Zener (Nom) (Vz)	5.1 V	Package	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	1.5 V @ 200 mA	Operating Temperature	175°C
Tolerance	±2%	Mounting Type	Surface Mount
Supplier Device Package	SOD-80 MiniMELF	Impedance (Max) (Zzt)	20 Ohms
Series	TLZ	Current - Reverse Leakage @ Vr	2 µA @ 2 V
Power - Max	500 mW	Base Product Number	TLZ5V1

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay General Semiconductor - Diodes Division TLZ5V1A-GS08

Product Attribute				
Part Number	TLZ5V1A-GS08	TLZ5V6B-GS08	TLZ56-GS08	TLZ4V7C-GS08
Manufacturer	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division
Impedance (Max) (Zzt)	20 Ohms	13 Ohms	100 Ohms	25 Ohms
Supplier Device Package	SOD-80 MiniMELF	SOD-80 MiniMELF	SOD-80 MiniMELF	SOD-80 MiniMELF
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Zener (Nom) (Vz)	5.1 V	5.6 V	56 V	4.7 V
Base Product Number	TLZ5V1	TLZ5V6	TLZ56	TLZ4V7
Series	TLZ	TLZ	TLZ	TLZ
Operating Temperature	175°C	-65°C ~ 175°C	-65°C ~ 175°C	-65°C ~ 175°C
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
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
Power - Max	500 mW	500 mW	500 mW	500 mW
Current - Reverse Leakage @ Vr	2 µA @ 2 V	1 µA @ 2 V	40 nA @ 50.4 V	5 µA @ 1 V
Tolerance	±2%	-	-	-
Package / Case	DO-213AC, MINI-MELF, SOD-80	DO-213AC, MINI-MELF, SOD-80	DO-213AC, MINI-MELF, SOD-80	DO-213AC, MINI-MELF, SOD-80

TLZ5V1A-GS08 Datasheet PDF

Download TLZ5V1A-GS08 pdf datasheets and Vishay General Semiconductor - Diodes Division documentation for TLZ5V1A-GS08 - Vishay General Semiconductor - Diodes Division.

Datasheets

[TLZ Series.pdf](#)

PCN Assembly/Origin

[Wafer Source 12/Nov/2021.pdf](#)

Customers Also Interested in

Recommended Products



TLZ5V1B-GS08 5.1V

Electro-Films (EFI) / Vishay

TLZ5V6B-GS08

Vishay General Semiconductor - Diodes Division
DIODE ZENER 5.6V 500MW SOD80

TLZ56-GS08

Vishay General Semiconductor - Diodes Division
DIODE ZENER 56V 500MW SOD80

TLZ4V7C-GS08

Vishay General Semiconductor - Diodes Division
DIODE ZENER 4.7V 500MW SOD80

TLZ5V1A-GS08 5.1V

Electro-Films (EFI) / Vishay

TLZ4V7A-GS08

Vishay General Semiconductor - Diodes Division
DIODE ZENER 4.7V 500MW SOD80

**TLZ4V3B-GS08**

Vishay General Semiconductor - Diodes Division
DIODE ZENER 4.3V 500MW SOD80

TLZ4V3B-GS08

Electro-Films (EFI) / Vishay

TLZ51-GS08

Vishay General Semiconductor - Diodes Division
DIODE ZENER 51V 500MW SOD80

TLZ4V7B-GS08

Vishay General Semiconductor - Diodes Division
DIODE ZENER 4.7V 500MW SOD80

TLZ5V1C-GS08

Vishay General Semiconductor - Diodes Division
DIODE ZENER 5.1V 500MW SOD80

TLZ5V6A-GS08

Vishay General Semiconductor - Diodes Division
DIODE ZENER 5.6V 500MW SOD80

**TLZ4V3C-GS08**

Vishay General Semiconductor - Diodes Division
DIODE ZENER 4.3V 500MW SOD80

**TLZ4V3A-GS08**

Vishay General Semiconductor - Diodes Division
DIODE ZENER 4.3V 500MW SOD80

**TLZ5V6B-GS08 5.6V**

Electro-Films (EFI) / Vishay

**TLZ5V6B-GS08(5.6V)**

Electro-Films (EFI) / Vishay

**TLZ5V1B-GS08**

Vishay General Semiconductor - Diodes Division
DIODE ZENER 5.1V 500MW SOD80

**TLZ4V3B-GS08 4.3V**

Electro-Films (EFI) / Vishay

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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