



Image may be representation.
See specifications for product details.



VSSC8L45-M3/57T

Manufacturer Part Number	VSSC8L45-M3/57T
Manufacturer	Vishay General Semiconductor – Diodes Division
Allelco Part Number	32D-VSSC8L45-M3/57T
ECAD Model	Request Free CAD Models
Parts Description	DIODE SCHOTTKY 45V 3.8A DO214AB
Package	DO-214AB, SMC
Data sheet	VSSC8L45-M3.pdf
RoHs Status	ROHS3 Compliant

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VSSC8L45-M3/57T - Vishay General Semiconductor - Diodes Division. New Original in Stock. Download Linear Technology VSSC8L45-M3/57T datasheet/specifications on AllelcoElec.com.
Request a quote for VSSC8L45-M3/57T, please send us email: info@allelco.com

Specifications

VSSC8L45-M3/57T Tech Specifications
VSSC8L45-M3/57T - Vishay General Semiconductor - Diodes Division technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay General Semiconductor – Diodes Division	Package	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	430 mV @ 3.5 A	Operating Temperature - Junction	-40°C ~ 150°C
Voltage - DC Reverse (Vr) (Max)	45 V	Mounting Type	Surface Mount
Technology	Schottky	Current - Reverse Leakage @ Vr	1.6 mA @ 45 V
Supplier Device Package	DO-214AB (SMC)	Current - Average Rectified (Io)	3.8A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	1068pF @ 4V, 1MHz
Series	TMBS®	Base Product Number	SC8L45
Package / Case	DO-214AB, SMC		

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay General Semiconductor - Diodes Division VSSC8L45-M3/57T

Product Attribute				
Part Number	VSSC8L45-M3/57T	VSSB410S-E3/52T	VSSB7L45-M3/52T	VSSC520S-M3/57T
Manufacturer	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division
Base Product Number	SC8L45	SB410	SB7L45	SC520
Operating Temperature - Junction	-40°C ~ 150°C	-40°C ~ 150°C	-40°C ~ 150°C	-40°C ~ 150°C
Package / Case	DO-214AB, SMC	DO-214AA, SMB	DO-214AA, SMB	DO-214AB, SMC
Voltage - Forward (Vf) (Max) @ If	430 mV @ 3.5 A	770 mV @ 4 A	430 mV @ 3.5 A	1.7 V @ 5 A
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current - Reverse Leakage @ Vr	1.6 mA @ 45 V	250 µA @ 100 V	1.6 mA @ 45 V	200 µA @ 200 V
Capacitance @ Vr, F	1068pF @ 4V, 1MHz	230pF @ 4V, 1MHz	1068pF @ 4V, 1MHz	280pF @ 4V, 1MHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Technology	Schottky	Schottky	Schottky	Schottky
Voltage - DC Reverse (Vr) (Max)	45 V	100 V	45 V	200 V
Current - Average Rectified (Io)	3.8A	1.9A	3.8A	5A
Series	TMBS®	TMBS®	TMBS®	TMBS®
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Supplier Device Package	DO-214AB (SMC)	DO-214AA (SMB)	DO-214AA (SMB)	DO-214AB (SMC)

VSSC8L45-M3/57T Datasheet PDF

Download VSSC8L45-M3/57T pdf datasheets and Vishay General Semiconductor - Diodes Division documentation for VSSC8L45-M3/57T - Vishay General Semiconductor - Diodes Division.

Datasheets

[VSSC8L45-M3.pdf](#)

Customers Also Interested in

Recommended Products

VSSR1603103JTF Vishay Dale Thin Film RES ARRAY 8 RES 10K OHM 16SSOP	VSSB420S-E3/52T Electro-Films (EFI) / Vishay	VSSB410S-E3 Electro-Films (EFI) / Vishay	VSSB410S-E3/52T Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 100V 1.9A DO214AA	VSSB7L45-M3/52T Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 45V 3.8A DO214AA	VSSR1603102JUF Vishay Dale Thin Film RES ARRAY 8 RES 1K OHM 16SSOP

VSSR1601102

Electro-Films (EFI) / Vishay

**VSSB420S-M3/52T**Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 200V 1.8A
DO214AA**VSSR1601103J**

Electro-Films (EFI) / Vishay

**VSSR1603101J**

Electro-Films (EFI) / Vishay

VSSC520S-M3/57TVishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 200V 5A DO214AB**VSSB420S-M3/5BT**Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 200V 1.8A
DO214AA**VSSP80818**

SUPERPIX

**VSSC8L45-M3**

Electro-Films (EFI) / Vishay

VSSR1603330G

Electro-Films (EFI) / Vishay

**VSSB410S-M3/52T**Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 100V 1.9A
DO214AA**VSSB520S-E3/52T**

Electro-Films (EFI) / Vishay

**VSSR1603330GTF**Vishay Dale Thin Film
RES ARRAY 8 RES 33 OHM 16SSOP

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

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Email

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Certifications & Memberships



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