



Image may be representation.
See specifications for product details.



MSS1P3-M3/89A

Manufacturer Part Number	MSS1P3-M3/89A
Manufacturer	Vishay General Semiconductor – Diodes Division
Allelco Part Number	32D-MSS1P3-M3/89A
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE SCHOTTKY 30V 1A MICROSM
Package	MicroSMP
Data sheet	MSS1P3,P4.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MSS1P3-M3/89A - Vishay General Semiconductor - Diodes Division. New Original in Stock. Download Linear Technology MSS1P3-M3/89A datasheet/specifications on AllelcoElec.com.
Request a quote for MSS1P3-M3/89A, please send us email: info@allelco.com

Specifications

MSS1P3-M3/89A Tech Specifications

MSS1P3-M3/89A - 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	550 mV @ 1 A	Operating Temperature - Junction	-55°C ~ 150°C
Voltage - DC Reverse (Vr) (Max)	30 V	Mounting Type	Surface Mount
Technology	Schottky	Current - Reverse Leakage @ Vr	200 µA @ 30 V
Supplier Device Package	MicroSMP (DO-219AD)	Current - Average Rectified (Io)	1A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	-
Series	eSMP®	Base Product Number	MSS1P3
Package / Case	MicroSMP		

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay General Semiconductor - Diodes Division MSS1P3-M3/89A

Product Attribute				
Part Number	MSS1P3-M3/89A	MSS1P4-M3/89A	MSS1P3U-M3/89A	MSS1P3L-M3/89A
Manufacturer	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Supplier Device Package	MicroSMP (DO-219AD)	MicroSMP (DO-219AD)	MicroSMP (DO-219AD)	MicroSMP (DO-219AD)
Current - Average Rectified (Io)	1A	1A	1A	1A
Series	eSMP®	eSMP®	eSMP®	eSMP®
Operating Temperature - Junction	-55°C ~ 150°C	-55°C ~ 150°C	-55°C ~ 125°C	-55°C ~ 150°C
Voltage - Forward (Vf) (Max) @ If	550 mV @ 1 A	550 mV @ 1 A	400 mV @ 1 A	500 mV @ 1 A
Technology	Schottky	Schottky	Schottky	Schottky
Base Product Number	MSS1P3	MSS1P4	MSS1P3	MSS1P3
Package / Case	MicroSMP	MicroSMP	MicroSMP	MicroSMP
Capacitance @ Vr, F	-	50pF @ 4V, 1MHz	-	65pF @ 4V, 1MHz
Voltage - DC Reverse (Vr) (Max)	30 V	40 V	30 V	30 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Current - Reverse Leakage @ Vr	200 µA @ 30 V	200 µA @ 40 V	1.2 mA @ 30 V	250 µA @ 30 V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount

MSS1P3-M3/89A Datasheet PDF

Download MSS1P3-M3/89A pdf datasheets and Vishay General Semiconductor - Diodes Division documentation for MSS1P3-M3/89A - Vishay General Semiconductor - Diodes Division.

Datasheets

[MSS1P3,P4.pdf](#)

Other Related Documents

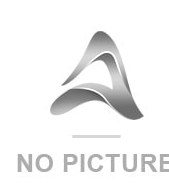
[Packaging Information.pdf](#)

PCN Assembly/Origin

[MSSx/SSx 21/Jun/2022.pdf](#)

Customers Also Interested in

Recommended Products



MSS1P4-M3/89A	MSS1583-104KEB	MSS1P3-M3	MSS1583-224KED	MSS1P3U-M3/89A	MSS1P3L
Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 40V 1A MICROSMF	COILCRAFT	Electro-Films (EFI) / Vishay	COILCRAFT	Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 30V 1A MICROSMF	MSV
MSS106-E3/89A VIS	MSS1P4 Electro-Films (EFI) / Vishay	MSS1P4-M3 Electro-Films (EFI) / Vishay	MSS1P2L-6001M3/89A Electro-Films (EFI) / Vishay	MSS1P3L-M3/89A Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 30V 1A MICROSMF	MSS1P2L-E3/89A Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 20V 1A MICROSMF
MSS1P3L-M3 Electro-Films (EFI) / Vishay	MSS1P4HM3-A/H Electro-Films (EFI) / Vishay	MSS1P2L MSV	MSS1P3HM3_A/H Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 30V 1A MICROSMF	MSS1P4HM3/89A Vishay General Semiconductor - Diodes Division DIODE SCHOTTKY 40V 1A MICROSMF	MSS1583-154KED COILCRAFT

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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