

Image may be representation.  
See specifications for product details.



## MSS2P2-M3/89A

Manufacturer Part Number	<b>MSS2P2-M3/89A</b>
Manufacturer	<b>Vishay General Semiconductor – Diodes Division</b>
Allelco Part Number	32D-MSS2P2-M3/89A
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE SCHOTTKY 20V 2A MICROSMP
Package	MicroSMP
Data sheet	<b>MSS2P2 &amp; MSS2P3.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

MSS2P2-M3/89A - Vishay General Semiconductor - Diodes Division. New Original in Stock. Download Linear Technology MSS2P2-M3/89A datasheet/specifications on AllelcoElec.com.  
Request a quote for MSS2P2-M3/89A, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MSS2P2-M3/89A Tech Specifications  
MSS2P2-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	600 mV @ 2 A	Operating Temperature - Junction	-55°C ~ 150°C
Voltage - DC Reverse (Vr) (Max)	20 V	Mounting Type	Surface Mount
Technology	Schottky	Current - Reverse Leakage @ Vr	250 µA @ 20 V
Supplier Device Package	MicroSMP (DO-219AD)	Current - Average Rectified (Io)	2A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	65pF @ 4V, 1MHz
Series	eSMP®	Base Product Number	MSS2P2
Package / Case	MicroSMP		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay General Semiconductor - Diodes Division MSS2P2-M3/89A

Product Attribute				
Part Number	MSS2P2-M3/89A	<b>MSS1P6-E3/89A</b>	<b>MSS1P6HM3/89A</b>	<b>MSS2P3HM3_A/H</b>
Manufacturer	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division
Current - Reverse Leakage @ Vr	250 µA @ 20 V	150 µA @ 60 V	150 µA @ 60 V	250 µA @ 30 V
Voltage - Forward (Vf) (Max) @ If	600 mV @ 2 A	680 mV @ 1 A	680 mV @ 1 A	600 mV @ 2 A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Technology	Schottky	Schottky	Schottky	Schottky
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)
Operating Temperature - Junction	-55°C ~ 150°C	-55°C ~ 150°C	-55°C ~ 150°C	-55°C ~ 150°C
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	MicroSMP	MicroSMP	MicroSMP	MicroSMP
Voltage - DC Reverse (Vr) (Max)	20 V	60 V	60 V	30 V
Base Product Number	MSS2P2	MSS1P6	MSS1P6	MSS2P3
Series	eSMP®	eSMP®	Automotive, AEC-Q101, eSMP®	Automotive, AEC-Q101, eSMP®
Capacitance @ Vr, F	65pF @ 4V, 1MHz	40pF @ 4V, 1MHz	40pF @ 4V, 1MHz	65pF @ 4V, 1MHz
Current - Average Rectified (Io)	2A	1A	1A	2A

## MSS2P2-M3/89A Datasheet PDF

Download MSS2P2-M3/89A pdf datasheets and Vishay General Semiconductor - Diodes Division documentation for MSS2P2-M3/89A - Vishay General Semiconductor - Diodes Division.

### Datasheets

[MSS2P2 & MSS2P3.pdf](#)

### Other Related Documents

[Packaging Information.pdf](#)

### PCN Assembly/Origin

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

## Customers Also Interested in

### Recommended Products



**MSS1P6-61HM3J/89A**  
Electro-Films (EFI) / Vishay

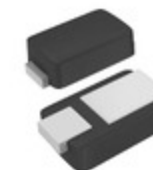
**MSS1P6-E3/89A**  
Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 60V 1A MICROSMF

**MSS2PS-M3**  
N/A

**MSS20-141-B10D**  
MACOM Technology Solutions  
SCHOTTKY DIODE,BEAMLEAD, B10D

**MSS1P6HM3/89A**  
Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 60V 1A MICROSMF

**MSS2P3HM3\_A/H**  
Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 30V 2A MICROSMF



**MSS20143-B10D**

Aeroflex (MACOM Technology Solutions)

**MSS2P3-M3**

Electro-Films (EFI) / Vishay

**MSS2P3-M3/89A**

Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 30V 2A MICROSMF

**MSS2P2-E3/89A**

Electro-Films (EFI) / Vishay

**MSS1P6HM3\_A/H**

Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 60V 1A MICROSMF

**MSS21A12B**

Comus International



**MSS3-Q-T/R**

DIPTRONICS

**MSS2P3-E3/89A**

Electro-Films (EFI) / Vishay

**MSS1P6-M3/89A**

Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 60V 1A MICROSMF

**MSS2P3-M3P/H**

Electro-Films (EFI) / Vishay

**MSS2P4-M3/89A**

Electro-Films (EFI) / Vishay

**MSS1PA-M3/89A**

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.



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Email

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## Certifications & Memberships



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