



Image may be representation.
See specifications for product details.



SS5P4-M3/86A

Manufacturer Part Number	SS5P4-M3/86A
Manufacturer	Vishay General Semiconductor – Diodes Division
Allelco Part Number	32D-SS5P4-M3/86A
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	DIODE SCHOTTKY 40V 5A TO277A
Package	TO-277, 3-PowerDFN
Data sheet	SS5P3,SS5P4.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

SS5P4-M3/86A - Vishay General Semiconductor - Diodes Division. New Original in Stock. Download Linear Technology SS5P4-M3/86A datasheet/specifications on AllelcoElec.com.
Request a quote for SS5P4-M3/86A, please send us email: info@allelco.com

Specifications

SS5P4-M3/86A Tech Specifications
SS5P4-M3/86A - 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	520 mV @ 5 A	Operating Temperature - Junction	-55°C ~ 150°C
Voltage - DC Reverse (Vr) (Max)	40 V	Mounting Type	Surface Mount
Technology	Schottky	Current - Reverse Leakage @ Vr	250 µA @ 40 V
Supplier Device Package	TO-277A (SMPC)	Current - Average Rectified (Io)	5A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	280pF @ 4V, 1MHz
Series	eSMP®	Base Product Number	SS5P4
Package / Case	TO-277, 3-PowerDFN		

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay General Semiconductor - Diodes Division SS5P4-M3/86A

Product Attribute				
Part Number	SS5P4-M3/86A	SS5P10HM3/86A	SS5P6-M3/86A	SS5P10HM3/87A
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 @ 40 V	15 µA @ 100 V	150 µA @ 60 V	15 µA @ 100 V
Series	eSMP®	Automotive, AEC-Q101	eSMP®	eSMP®
Voltage - Forward (Vf) (Max) @ If	520 mV @ 5 A	680 mV @ 5 A	690 mV @ 5 A	880 mV @ 5 A
Supplier Device Package	TO-277A (SMPC)	TO-277A (SMPC)	TO-277A (SMPC)	TO-277A (SMPC)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current - Average Rectified (Io)	5A	5A	5A	5A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - DC Reverse (Vr) (Max)	40 V	100 V	60 V	100 V
Capacitance @ Vr, F	280pF @ 4V, 1MHz	130pF @ 4V, 1MHz	200pF @ 4V, 1MHz	-
Technology	Schottky	Schottky	Schottky	Schottky
Package / Case	TO-277, 3-PowerDFN	TO-277, 3-PowerDFN	TO-277, 3-PowerDFN	TO-277, 3-PowerDFN
Base Product Number	SS5P4	SS5P10	SS5P6	SS5P10
Operating Temperature - Junction	-55°C ~ 150°C	-55°C ~ 150°C	-55°C ~ 150°C	-55°C ~ 150°C

SS5P4-M3/86A Datasheet PDF

Download SS5P4-M3/86A pdf datasheets and Vishay General Semiconductor - Diodes Division documentation for SS5P4-M3/86A - Vishay General Semiconductor - Diodes Division.

Datasheets

[SS5P3,SS5P4.pdf](#)

PCN Assembly/Origin

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

Customers Also Interested in

Recommended Products



SS5P10HM3/86A

Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 100V 5A TO277A



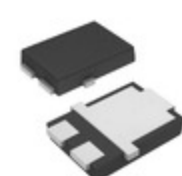
SS5P6-M3/86A

Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 60V 5A TO277A



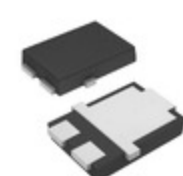
SS5P10HM3/87A

Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 100V 5A TO277A



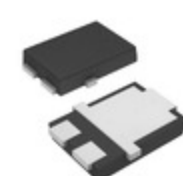
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Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 100V 5A TO277A



SS5P10-M3/86A

Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 100V 5A TO277A



SS5P4HM3/86A

Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 40V 5A TO277A



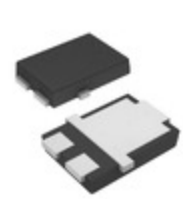
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Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 50V 5A TO277A



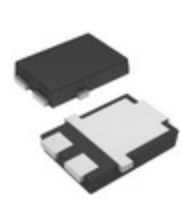
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Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 40V 5A TO277A



SS5P3-M3/86A

Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 30V 5A TO277A



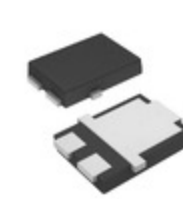
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Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 100V 5A TO277A



SS5P5-M3/86A

Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 50V 5A TO277A



SS5P3HM3/86A

Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 30V 5A TO277A



SS5P5-E3/86A

Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 50V 5A TO277A



SS5P5-M3/87A

Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 50V 5A TO277A



SS5P4-E3/86A

Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 40V 5A TO277A



SS5P4-M3/87A

Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 40V 5A TO277A



SS5P4HM3_A/I

Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 40V 5A TO277A



SS5P4HM3/87A

Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 40V 5A TO277A

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

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Certifications & Memberships



View More



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