



Image may be representation.  
See specifications for product details.



## SS5P6HM3\_A/H

|                          |  |
|--------------------------|--|
| Manufacturer Part Number | <a href="#">SS5P6HM3_A/H</a>                                   |
| Manufacturer             | <a href="#">Vishay General Semiconductor – Diodes Division</a> |
| Allelco Part Number      | 32D-SS5P6HM3_A/H   |
| ECAD Model               | <a href="#">Request Free CAD Models</a>                        |
| Parts Description        | DIODE SCHOTTKY 60V 5A TO277A                                   |
| Package                  | TO-277, 3-PowerDFN   |
| Data sheet               | <a href="#">SS5P5,SS5P6.pdf</a>                                |
| RoHs Status              | <b>ROHS3 Compliant</b>   |

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SS5P6HM3\_A/H - Vishay General Semiconductor - Diodes Division. New Original in Stock. Download Linear Technology SS5P6HM3\_A/H datasheet/specifications on AllelcoElec.com.  
Request a quote for SS5P6HM3\_A/H, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

SS5P6HM3\_A/H Tech Specifications  
SS5P6HM3\_A/H - 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 | 690 mV @ 5 A                                   | Operating Temperature - Junction | -55°C ~ 150°C    |
| Voltage - DC Reverse (Vr) (Max)   | 60 V   | Mounting Type                    | Surface Mount    |
| Technology                        | Schottky                                       | Current - Reverse Leakage @ Vr   | 150 µA @ 60 V    |
| Supplier Device Package           | TO-277A (SMPC)                                 | Current - Average Rectified (Io) | 5A               |
| Speed                             | Fast Recovery =< 500ns, > 200mA (Io)           | Capacitance @ Vr, F              | 200pF @ 4V, 1MHz |
| Series                            | Automotive, AEC-Q101                           | Base Product Number              | SS5P6            |
| 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 SS5P6HM3\_A/H

| Product Attribute                 |  |  |  |  |
|-----------------------------------|--|--|--|--|
| Part Number                       | SS5P6HM3_A/H                                   | <a href="#">SS5P5-M3/86A</a>                   | <a href="#">SS5P5HM3/86A</a>                   | <a href="#">SS5P9HM3_A/H</a>                   |
| Manufacturer                      | Vishay General Semiconductor - Diodes Division | Vishay General Semiconductor - Diodes Division | Vishay General Semiconductor - Diodes Division | Vishay General Semiconductor - Diodes Division |
| Series                            | Automotive, AEC-Q101                           | eSMP®  | eSMP®  | Automotive, AEC-Q101, eSMP®                    |
| Mounting Type                     | Surface Mount                                  | Surface Mount                                  | Surface Mount                                  | Surface Mount                                  |
| Technology                        | Schottky                                       | Schottky                                       | Schottky                                       | Schottky                                       |
| Operating Temperature - Junction  | -55°C ~ 150°C                                  | -55°C ~ 150°C                                  | -55°C ~ 150°C                                  | -55°C ~ 150°C                                  |
| Voltage - Forward (Vf) (Max) @ If | 690 mV @ 5 A                                   | 690 mV @ 5 A                                   | 690 mV @ 5 A                                   | 880 mV @ 5 A                                   |
| Base Product Number               | SS5P6  | SS5P5  | SS5P5  | SS5P9  |
| 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)           |
| Package / Case                    | TO-277, 3-PowerDFN                             | TO-277, 3-PowerDFN                             | TO-277, 3-PowerDFN                             | TO-277, 3-PowerDFN                             |
| Current - Reverse Leakage @ Vr    | 150 µA @ 60 V                                  | 150 µA @ 50 V                                  | 150 µA @ 50 V                                  | 15 µA @ 90 V                                   |
| Voltage - DC Reverse (Vr) (Max)   | 60 V   | 50 V   | 50 V   | 90 V   |
| Supplier Device Package           | TO-277A (SMPC)                                 | TO-277A (SMPC)                                 | TO-277A (SMPC)                                 | TO-277A (SMPC)                                 |
| Capacitance @ Vr, F               | 200pF @ 4V, 1MHz                               | 200pF @ 4V, 1MHz                               | 200pF @ 4V, 1MHz                               | 130pF @ 4V, 1MHz                               |
| Package                           | Tape & Reel (TR)                               | Tape & Reel (TR)                               | Tape & Reel (TR)                               | Tape & Reel (TR)                               |

### SS5P6HM3\_A/H Datasheet PDF

Download SS5P6HM3\_A/H pdf datasheets and Vishay General Semiconductor - Diodes Division documentation for SS5P6HM3\_A/H - Vishay General Semiconductor - Diodes Division.

#### Datasheets

[SS5P5,SS5P6.pdf](#)

#### PCN Assembly/Origin

[Additional Assembly Site 30/Dec/2022.pdf](#)

### Customers Also Interested in

#### Recommended Products



**SS5P5-M3/86A**

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



**SS5P5HM3/86A**

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



**SS5P9HM3\_A/H**

Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 90V 5A TO277A



**SS5P4HM3/86A**

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



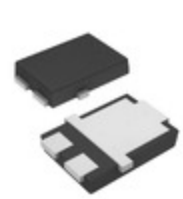
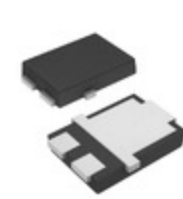
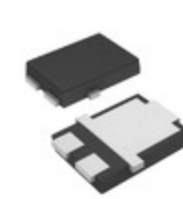
**SS5P9-M3/86A**

Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 90V 5A TO277A

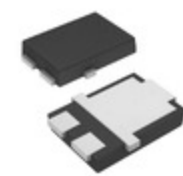
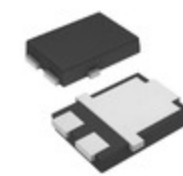


**SS5P5-E3/86A**

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

**SS5P4HM3/87A**Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 40V 5A TO277A**SS5P6HM3/87A**Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 60V 5A TO277A**SS5P9-M3/87A**Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 90V 5A TO277A**SS5P4HM3\_A/I**Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 40V 5A TO277A**SS5P4HM3\_A/H**Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 40V 5A TO277A**SS5P5-M3/87A**Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 50V 5A TO277A**SS5P6-M3/86A**Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 60V 5A TO277A**SS5P6LHM3/87A**

Electro-Films (EFI) / Vishay

**SS5P9HM3/86A**Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 90V 5A TO277A**SS5P6HM3/86A**Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 60V 5A TO277A**SS5P4-M3/87A**Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 40V 5A TO277A**SS5P9HM3\_A/I**Vishay General Semiconductor - Diodes Division  
DIODE SCHOTTKY 90V 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

info@allelco.com

### Certifications & Memberships



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