



Image may be representation.
See specifications for product details.



SS2P5-M3/84A

| | |
|--------------------------|---|
| Manufacturer Part Number | SS2P5-M3/84A |
| Manufacturer | Vishay General Semiconductor – Diodes Division |
| Allelco Part Number | 32D-SS2P5-M3/84A |
| ECAD Model | PCB Symbol, Footprint & 3D Model |
| Parts Description | DIODE SCHOTTKY 50V 2A DO220AA |
| Package | DO-220AA |
| Data sheet | SS2P5 & SS2P6.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

SS2P5-M3/84A - Vishay General Semiconductor - Diodes Division. New Original in Stock. Download Linear Technology SS2P5-M3/84A datasheet/specifications on AllelcoElec.com.
Request a quote for SS2P5-M3/84A, please send us email: info@allelco.com

Specifications

SS2P5-M3/84A Tech Specifications
SS2P5-M3/84A - 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 | 700 mV @ 2 A | Operating Temperature - Junction | -55°C ~ 150°C |
| Voltage - DC Reverse (Vr) (Max) | 50 V | Mounting Type | Surface Mount |
| Technology | Schottky | Current - Reverse Leakage @ Vr | 100 µA @ 50 V |
| Supplier Device Package | DO-220AA (SMP) | Current - Average Rectified (Io) | 2A |
| Speed | Fast Recovery =< 500ns, > 200mA (Io) | Capacitance @ Vr, F | 80pF @ 4V, 1MHz |
| Series | eSMP® | Base Product Number | SS2P5 |
| Package / Case | DO-220AA | | |

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay General Semiconductor - Diodes Division SS2P5-M3/84A

| Product Attribute | | | | |
|-----------------------------------|--|--|--|--|
| Part Number | SS2P5-M3/84A | SS2P5-E3/84A | SS2P3LHM3/84A | SS2P4HM3/84A |
| Manufacturer | Vishay General Semiconductor - Diodes Division | Vishay General Semiconductor - Diodes Division | Vishay General Semiconductor - Diodes Division | Vishay General Semiconductor - Diodes Division |
| Package / Case | DO-220AA | DO-220AA | DO-220AA | DO-220AA |
| Voltage - DC Reverse (Vr) (Max) | 50 V | 50 V | 30 V | 40 V |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Base Product Number | SS2P5 | SS2P5 | SS2P3 | SS2P4 |
| Voltage - Forward (Vf) (Max) @ If | 700 mV @ 2 A | 700 mV @ 2 A | 500 mV @ 2 A | 550 mV @ 2 A |
| Capacitance @ Vr, F | 80pF @ 4V, 1MHz | 80pF @ 4V, 1MHz | 130pF @ 4V, 1MHz | 110pF @ 4V, 1MHz |
| Current - Average Rectified (Io) | 2A | 2A | 2A | 2A |
| Current - Reverse Leakage @ Vr | 100 µA @ 50 V | 100 µA @ 50 V | 200 µA @ 30 V | 150 µA @ 40 V |
| Supplier Device Package | DO-220AA (SMP) | DO-220AA (SMP) | DO-220AA (SMP) | DO-220AA (SMP) |
| Technology | Schottky | Schottky | Schottky | Schottky |
| Operating Temperature - Junction | -55°C ~ 150°C | -55°C ~ 150°C | -55°C ~ 150°C | -55°C ~ 150°C |
| Package | Tape & Reel (TR) | Tape & Reel (TR) | Tape & Reel (TR) | Tape & Reel (TR) |
| Speed | Fast Recovery =< 500ns, > 200mA (Io) | Fast Recovery =< 500ns, > 200mA (Io) | Fast Recovery =< 500ns, > 200mA (Io) | Fast Recovery =< 500ns, > 200mA (Io) |
| Series | eSMP® | eSMP® | Automotive, AEC-Q101, eSMP® | Automotive, AEC-Q101, eSMP® |

SS2P5-M3/84A Datasheet PDF

Download SS2P5-M3/84A pdf datasheets and Vishay General Semiconductor - Diodes Division documentation for SS2P5-M3/84A - Vishay General Semiconductor - Diodes Division.

Datasheets

[SS2P5 & SS2P6.pdf](#)

PCN Assembly/Origin

[Additional Assembly Site 18/Jan/2023.pdf](#)

Customers Also Interested in

Recommended Products



SS2P45A



SS2P5-E3/84A

Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 50V 2A DO220AA



SS2P6-E3/84A

Electro-Films (EFI) / Vishay



SS2P4LHM3/84A

Electro-Films (EFI) / Vishay



SS2P5L-E3/84A

Electro-Films (EFI) / Vishay



SS2P5LHE3/84A

Electro-Films (EFI) / Vishay



SS2P3LHM3/84A

Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 30V 2A DO220AA

SS2P5LHM3/84A

Electro-Films (EFI) / Vishay

SS2P4HM3/84A

Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 40V 2A DO220AA

SS2P5L-M3/84A

Electro-Films (EFI) / Vishay

SS2P4L-E3/84A

Electro-Films (EFI) / Vishay

SS2P4-M3/84A

Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 40V 2A DO220AA



SS2P5HE3/84A

Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 50V 2A DO220AA

SS2P4L-M3/84A

Electro-Films (EFI) / Vishay

SS2P4-M3/84

Electro-Films (EFI) / Vishay

SS2P4-E3/84A

Electro-Films (EFI) / Vishay

SS2P5HM3/84A

Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 50V 2A DO220AA

SS2P6-M3/84A

Vishay General Semiconductor - Diodes Division
DIODE SCHOTTKY 60V 2A DO220AA

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



View More



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