

Image may be representation.
See specifications for product details.



GSIB2580-E3/45

Manufacturer Part Number	GSIB2580-E3/45
Manufacturer	Vishay General Semiconductor – Diodes Division
Allelco Part Number	32D-GSIB2580-E3/45
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	BRIDGE RECT 1P 800V 3.5A GSIB-5S
Package	4-SIP, GSIB-5S
Data sheet	GSIB2520 thru GSIB2580.pdf GSIB2520 thru GSIB2580.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

GSIB2580-E3/45 - Vishay General Semiconductor - Diodes Division. New Original in Stock. Download Linear Technology GSIB2580-E3/45 datasheet/specifications on AllelcoElec.com.

Request a quote for GSIB2580-E3/45, please send us email: info@allelco.com

Specifications

GSIB2580-E3/45 Tech Specifications

GSIB2580-E3/45 - Vishay General Semiconductor - Diodes Division technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay General Semiconductor – Diodes Division	Package	Tube
Voltage - Peak Reverse (Max)	800 V	Operating Temperature	-55°C ~ 150°C (TJ)
Voltage - Forward (Vf) (Max) @ If	1 V @ 12.5 A	Mounting Type	Through Hole
Technology	Standard	Diode Type	Single Phase
Supplier Device Package	GSIB-5S	Current - Reverse Leakage @ Vr	10 µA @ 800 V
Series	-	Current - Average Rectified (Io)	3.5 A
Package / Case	4-SIP, GSIB-5S	Base Product Number	GSIB2580

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay General Semiconductor - Diodes Division GSIB2580-E3/45

Product Attribute				
Part Number	GSIB2580-E3/45	GSIB2520-E3/45	GSIB1580-E3/45	GSIB2560-E3/45
Manufacturer	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division
Technology	Standard	Standard	Standard	Standard
Diode Type	Single Phase	Single Phase	Single Phase	Single Phase
Package / Case	4-SIP, GSIB-5S	4-SIP, GSIB-5S	4-SIP, GSIB-5S	4-SIP, GSIB-5S
Voltage - Forward (Vf) (Max) @ If	1 V @ 12.5 A	1 V @ 12.5 A	950 mV @ 7.5 A	1 V @ 12.5 A
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Current - Reverse Leakage @ Vr	10 µA @ 800 V	10 µA @ 200 V	10 µA @ 800 V	10 µA @ 600 V
Package	Tube	Tube	Tube	Tube
Series	-	-	-	-
Voltage - Peak Reverse (Max)	800 V	200 V	800 V	600 V
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Supplier Device Package	GSIB-5S	GSIB-5S	GSIB-5S	GSIB-5S
Base Product Number	GSIB2580	GSIB2520	GSIB1580	GSIB2560
Current - Average Rectified (Io)	3.5 A	3.5 A	15 A	3.5 A

GSIB2580-E3/45 Datasheet PDF

Download GSIB2580-E3/45 pdf datasheets and Vishay General Semiconductor - Diodes Division documentation for GSIB2580-E3/45 - Vishay General Semiconductor - Diodes Division.

Datasheets

[GSIB2520 thru GSIB2580.pdf](#)

Other Related Documents

[Packaging Information.pdf](#)

PCN Design/Specification

[DD-004-2015-Rev-0 14/Jan/2015.pdf](#)

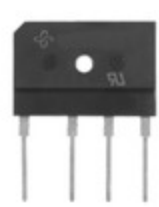
[GSIB5S Mold Compound Chg 26/Feb/2019.pdf](#)

HTML Datasheet

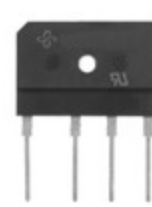
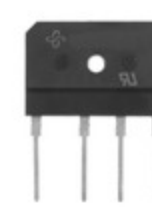
[GSIB2520 thru GSIB2580.pdf](#)

Customers Also Interested in

Recommended Products

**GSIB2520-E3/45**Vishay General Semiconductor - Diodes Division
BRIDGE RECT 1P 200V 3.5A GSIB-5S**GSIB1510**

Electro-Films (EFI) / Vishay

**GSIB1580-E3/45**Vishay General Semiconductor - Diodes Division
BRIDGE RECT 1P 800V 15A GSIB-5S**GSIB2560-E3/45**Vishay General Semiconductor - Diodes Division
BRIDGE RECT 1P 600V 3.5A GSIB-5S**GSIB660-E3/45**Vishay General Semiconductor - Diodes Division
BRIDGE RECT 1P 600V 2.8A GSIB-5S**GSIB8897A1**

INC

**GSIB460L**

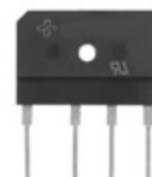
Electro-Films (EFI) / Vishay

**GSIB1560-E3/54**

Electro-Films (EFI) / Vishay

**GSIB25100**

GULFSEMI

**GSIB15A80-E3/45**Vishay General Semiconductor - Diodes Division
BRIDGE RECT 1P 800V 3.5A GSIB-5S**GSIB460-E3/5MT**

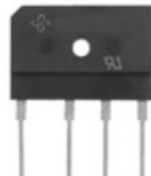
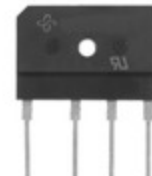
Electro-Films (EFI) / Vishay

**GSIB460**

GULFSEMI

**GSIB2560**Electro-Films (EFI) / Vishay
IGBT Module**GSIB480**

Electro-Films (EFI) / Vishay

**GSIB1560-E3/45**Vishay General Semiconductor - Diodes Division
BRIDGE RECT 1P 600V 3.5A GSIB-5S**GSIB15A60-E3/45**Vishay General Semiconductor - Diodes Division
BRIDGE RECT 1P 600V 3.5A GSIB-5S**GSIB2520**

Electro-Films (EFI) / Vishay

**GSIB1560**

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 Alleco 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@alleco.com

Certifications & Memberships

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