



Image may be representation.
See specifications for product details.



DF01S-E3/77

Manufacturer Part Number	DF01S-E3/77
Manufacturer	Vishay General Semiconductor – Diodes Division
Allelco Part Number	32D-DF01S-E3/77
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	BRIDGE RECT 1PHASE 100V 1A DFS
Package	4-SMD, Gull Wing
Data sheet	DF005S - DF10S.pdf DF005S - DF10S.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

DF01S-E3/77 - Vishay General Semiconductor - Diodes Division. New Original in Stock. Download Linear Technology DF01S-E3/77 datasheet/specifications on AllelcoElec.com.

Request a quote for DF01S-E3/77, please send us email: info@allelco.com

Specifications

DF01S-E3/77 Tech Specifications

DF01S-E3/77 - 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 - Peak Reverse (Max)	100 V	Operating Temperature	-55°C ~ 150°C (TJ)
Voltage - Forward (Vf) (Max) @ If	1.1 V @ 1 A	Mounting Type	Surface Mount
Technology	Standard	Diode Type	Single Phase
Supplier Device Package	DFS	Current - Reverse Leakage @ Vr	5 µA @ 100 V
Series	-	Current - Average Rectified (Io)	1 A
Package / Case	4-SMD, Gull Wing	Base Product Number	DF01

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay General Semiconductor - Diodes Division DF01S-E3/77

Product Attribute				
Part Number	DF01S-E3/77	DF01MA-E3/45	DF02S-T	DF01S2
Manufacturer	Vishay General Semiconductor - Diodes Division	Vishay General Semiconductor - Diodes Division	Diodes Incorporated	onsemi
Diode Type	Single Phase	Single Phase	Single Phase	Single Phase
Technology	Standard	Standard	Standard	Standard
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Voltage - Forward (Vf) (Max) @ If	1.1 V @ 1 A	1.1 V @ 1 A	1.1 V @ 1 A	1.1 V @ 2 A
Supplier Device Package	DFS	DFM	DF-S	4-SDIP
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-65°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Series	-	-	-	-
Current - Average Rectified (Io)	1 A	1 A	1 A	2 A
Voltage - Peak Reverse (Max)	100 V	100 V	200 V	100 V
Current - Reverse Leakage @ Vr	5 µA @ 100 V	5 µA @ 100 V	10 µA @ 200 V	3 µA @ 100 V
Package / Case	4-SMD, Gull Wing	4-EDIP (0.300", 7.62mm)	4-SMD, Gull Wing	4-SMD, Gull Wing
Base Product Number	DF01	DF01	DF02	DF01

DF01S-E3/77 Datasheet PDF

Download DF01S-E3/77 pdf datasheets and Vishay General Semiconductor - Diodes Division documentation for DF01S-E3/77 - Vishay General Semiconductor - Diodes Division.

Datasheets

[DF005S - DF10S.pdf](#)

Other Related Documents

[Packaging Information.pdf](#)

PCN Design/Specification

[DD-015-2015-Rev-0 07/Apr/2015.pdf](#)

HTML Datasheet

[DF005S - DF10S.pdf](#)

PCN Assembly/Origin

[Multiple Parts 06/Sep/2022.pdf](#)

Customers Also Interested in

Recommended Products

					
DF01MA-E3/45 Vishay General Semiconductor - Diodes Division BRIDGE RECT 1PHASE 100V 1A DFM	DF02S-T Diodes Incorporated BRIDGE RECT 1PHASE 200V 1A DF-S	DF01S2 onsemi BRIDGE RECT 1PH 100KV 2A 4SDIP	DF005S-T Diodes Incorporated BRIDGE RECT 1PHASE 50V 1A DF-S	DF02S-E3 Electro-Films (EFI) / Vishay	DF005S1 Fairchild Semiconductor BRIDGE RECTIFIER DIODE
					
DF02S-E3/77 Vishay General Semiconductor - Diodes Division BRIDGE RECT 1PHASE 200V 1A DFS	DF02M-E3/45 Vishay General Semiconductor - Diodes Division BRIDGE RECT 1PHASE 200V 1A DFM	DF005ST-G Comchip Technology BRIDGE RECT 1PHASE 50V 1A DFS	DF01S2 Fairchild Semiconductor BRIDGE RECTIFIER DIODE, 1 PHASE,	DF005S-E3/77 Vishay General Semiconductor - Diodes Division BRIDGE RECT 1PHASE 50V 1A DFS	DF02SA Electro-Films (EFI) / Vishay
					
DF005SA-E3/77 Vishay General Semiconductor - Diodes Division BRIDGE RECT 1PHASE 50V 1A DFS	DF01S-T Diodes Incorporated BRIDGE RECT 1PHASE 100V 1A DF-S	DF005S1 onsemi BRIDGE RECT 1PHASE 50V 1A 4SDIP	DF01M-E3/45 Vishay General Semiconductor - Diodes Division BRIDGE RECT 1PHASE 100V 1A DFM	DF005S Diodes Incorporated BRIDGE RECT 1PHASE 50V 1A DFS	DF005SA-E3/45 Vishay General Semiconductor - Diodes Division BRIDGE RECT 1PHASE 50V 1A DFS

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
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Certifications & Memberships



View More

Contact us

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