



FSV1045V

Manufacturer Part Number	FSV1045V
Manufacturer	onsemi
Allelco Part Number	32D-FSV1045V
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	DIODE SCHOTTKY 45V 10A TO277-3
Package	TO-277, 3-PowerDFN
Data sheet	FSV1045V.pdf
RoHs Status	 ROHS3 Compliant


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FSV1045V - onsemi.New Original in Stock. Download Linear Technology FSV1045V datasheet/specifications on AllelcoElec.com.

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Specifications





FSV1045V Tech Specifications

FSV1045V - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Package	Tape & Reel (TR)
Voltage - Forward (Vf) (Max) @ If	440 mV @ 10 A	Operating Temperature - Junction	-55°C ~ 150°C
Voltage - DC Reverse (Vr) (Max)	45 V	Mounting Type	Surface Mount
Technology	Schottky	Current - Reverse Leakage @ Vr	220 µA @ 45 V
Supplier Device Package	TO-277-3	Current - Average Rectified (Io)	10A
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Capacitance @ Vr, F	820pF @ 4V, 1MHz
Series	-	Base Product Number	FSV1045
Package / Case	TO-277, 3-PowerDFN		

Parts with Similar Specifications

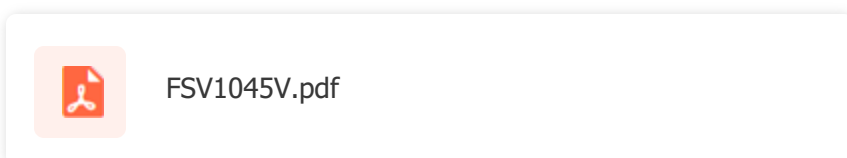
The three parts on the right have similar specifications to onsemi FSV1045V

Product Attribute	 NO PICTURE			
Part Number	FSV1045V	FSV10150V	FSV12120V	FSV10120V
Manufacturer	onsemi	onsemi	onsemi	onsemi
Voltage - Forward (Vf) (Max) @ If	440 mV @ 10 A	840 mV @ 10 A	790 mV @ 12 A	800 mV @ 10 A
Capacitance @ Vr, F	820pF @ 4V, 1MHz	-	-	608pF @ 4V, 1MHz
Voltage - DC Reverse (Vr) (Max)	45 V	150 V	120 V	120 V
Base Product Number	FSV1045	FSV10150	FSV12120	FSV10120
Series	-	-	-	-
Supplier Device Package	TO-277-3	TO-277-3	TO-277-3	TO-277-3
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Current - Average Rectified (Io)	10A	10A	12A	10A
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	TO-277, 3-PowerDFN	TO-277, 3-PowerDFN	TO-277, 3-PowerDFN	TO-277, 3-PowerDFN
Technology	Schottky	Schottky	Schottky	Schottky
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Current - Reverse Leakage @ Vr	220 µA @ 45 V	20 µA @ 150 V	25 µA @ 120 V	25 µA @ 120 V
Operating Temperature - Junction	-55°C ~ 150°C	-55°C ~ 150°C	-55°C ~ 150°C	-55°C ~ 150°C

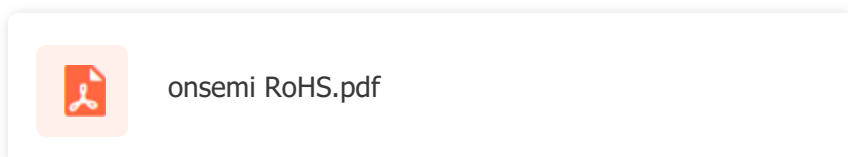
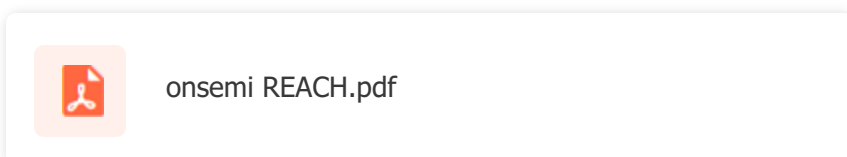
FSV1045V Datasheet PDF

Download FSV1045V pdf datasheets and onsemi documentation for FSV1045V - onsemi.

Datasheets



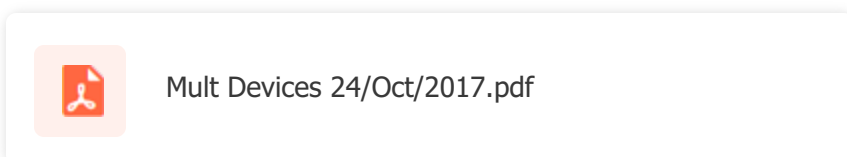
Environmental Information



PCN Design/Specification















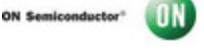

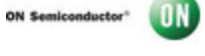
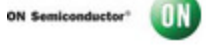


PCN Packaging



Customers Also Interested in

Recommended Products

 FSV10150V onsemi DIODE SCHOTTKY 150V 10A TO277-3	 FSV12120V onsemi DIODE SCHOTTKY 120V 12A TO277-3	 FSV10120V onsemi DIODE SCHOTTKY 120V 10A TO277-3	 FSV15120V Fairchild Semiconductor RECTIFIER DIODE, SCHOTTKY, 120V,	 FSV2060L onsemi DIODE SCHOTTKY 60V 20A TO277-3	 FSV1550V onsemi DIODE SCHOTTKY 50V 15A TO277-3
 FSV10100V onsemi DIODE SCHOTTKY 150V 10A TO277-3	 FSV10150V Fairchild Semiconductor 10A 150V ULTRA-LOW VF SKY	 FSV15120V onsemi DIODE SCHOTTKY 120V 15A TO277-3	 FSV15100V onsemi DIODE SCHOTTKY 100V 15A TO277-3	 FSV240AF onsemi DIODE SCHOTTKY 40V 2A DO214AD	 FSV20150V onsemi DIODE SCHOTTKY 150V 20A TO277-3
 FSV2060L Fairchild Semiconductor DIODE SCHOTTKY 60V 20A TO277-3	 FSV20120V onsemi DIODE SCHOTTKY 120V 20A TO277-3	 FSV1060V onsemi DIODE SCHOTTKY 60V 10A TO277-3	 FSV1550V Fairchild Semiconductor RECTIFIER DIODE, SCHOTTKY, 50V,	 FSV2050V onsemi DIODE SCHOTTKY 50V 20A TO277-3	 FSV20100V onsemi DIODE SCHOTTKY 100V 20A TO277-3

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.

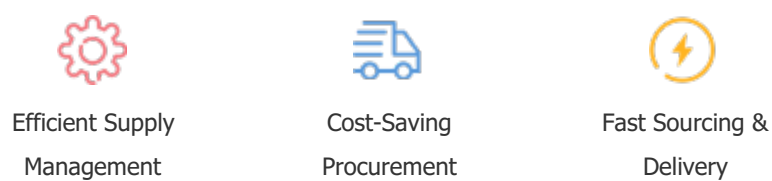
Contact us if you have any questions.

Payment Support

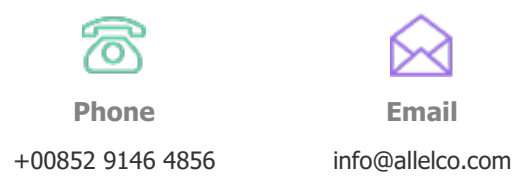
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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