



FST16050

Manufacturer Part Number	FST16050
Manufacturer	Microsemi
Allelco Part Number	32D-FST16050
ECAD Model	Request Free CAD Models
Parts Description	DIODE MODULE 50V 80A TO249
Package	TO-249AA Isolated Base
Data sheet	FST16035 - FST16050.pdf



Get a Quote

FST16050 - Microsemi Corporation.New Original in Stock. Download Linear Technology FST16050 datasheet/specifications on AllelcoElec.com.
Request a quote for FST16050, please send us email: info@allelco.com

Specifications

FST16050 Tech Specifications
FST16050 - Microsemi Corporation technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microsemi	Package / Case	TO-249AA Isolated Base
Voltage - Forward (Vf) (Max) @ If	740 mV @ 80 A	Package	Bulk
Voltage - DC Reverse (Vr) (Max)	50 V	Mounting Type	Chassis Mount
Technology	Schottky	Diode Configuration	1 Pair Common Cathode
Supplier Device Package	TO-249	Current - Reverse Leakage @ Vr	2 mA @ 50 V
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Current - Average Rectified (Io) (per Diode)	80A
Series	-		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microsemi Corporation FST16050

Product Attribute	NO PICTURE			
Part Number	FST16050	FST16090	FST16045	FST16045
Manufacturer	Microsemi Corporation	Microsemi Corporation	Microsemi Corporation	GeneSic Semiconductor
Diode Configuration	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode	1 Pair Common Cathode
Package / Case	TO-249AA Isolated Base	TO-249AA	TO-249AA Isolated Base	TO-249AB
Current - Average Rectified (Io) (per Diode)	80A	80A	80A	160A (DC)
Mounting Type	Chassis Mount	Screw Mount	Chassis Mount	Chassis Mount
Technology	Schottky	Schottky	Schottky	Schottky
Voltage - DC Reverse (Vr) (Max)	50 V	90 V	45 V	45 V
Current - Reverse Leakage @ Vr	2 mA @ 50 V	2 mA @ 90 V	2 mA @ 45 V	1 mA @ 20 V
Supplier Device Package	TO-249	TO-249	TO-249	TO-249AB
Speed	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)	Fast Recovery =< 500ns, > 200mA (Io)
Series	-	-	-	-
Package	Bulk	Bulk	Bulk	Bulk
Voltage - Forward (Vf) (Max) @ If	740 mV @ 80 A	960 mV @ 80 A	740 mV @ 80 A	750 mV @ 160 A

FST16050 Datasheet PDF

Download FST16050 pdf datasheets and Microsemi Corporation documentation for FST16050 - Microsemi Corporation.

Datasheets

[FST16035 - FST16050.pdf](#)

Environmental Information

[Microchip CA Prop65.pdf](#)

[Microchip REACH.pdf](#)

[Microchip RoHS.pdf](#)

PCN Obsolescence/ EOL

[Multiple Devices 30/Oct/2014.pdf](#)

Customers Also Interested in

Recommended Products

FST16211MTDX onsemi IC BUS SWITCH 12 X 1:1 56TSSOP	FST16090 Microsemi Corporation DIODE MODULE 90V 80A TO249	FST16213MTDX Fairchild Semiconductor BUS EXCHANGER	FST16211MTD onsemi IC BUS SWITCH 12 X 1:1 56TSSOP	FST10022 Artesyn Embedded Power IGBT Module	FST16212MTD Fairchild Semiconductor BUS EXCHANGER



FST16045

Microsemi Corporation
DIODE MODULE 45V 80A TO249

FST16210MTD

Fairchild Semiconductor
BUS DRIVER

FST16212MTDX

Fairchild Semiconductor
BUS EXCHANGER

FST16210MTDX

Fairchild Semiconductor
IC BUS SWITCH 10 X 1:1 48TSSOP

FST16212MEA

Fairchild Semiconductor
BUS EXCHANGER

FST16211

Fairchild (onsemi)



NO PICTURE



NO PICTURE



FST16209MTDX

Fairchild (onsemi)



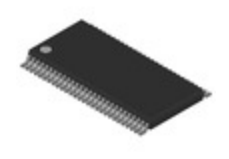
FST16210MTDX

onsemi
IC BUS SWITCH 10 X 1:1 48TSSOP



FST16045

GeneSIC Semiconductor
DIODE MODULE 45V 160A TO249AB



FST16213MTD

Fairchild Semiconductor
BUS EXCHANGER

FST12245D

Siemens
IGBT Module

FST10-522M

POWERPLAZA
IGBT Module

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.



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Email

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Certifications & Memberships



View More



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