



Image may be representation.
See specifications for product details.



IRFD320PBF

Manufacturer Part Number	IRFD320PBF
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-IRFD320PBF
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	MOSFET N-CH 400V 490MA 4DIP
Package	4-DIP (0.300", 7.62mm)
Data sheet	IRFD320.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

IRFD320PBF - Vishay Siliconix. New Original in Stock. Download Linear Technology IRFD320PBF datasheet/specifications on AllelcoElec.com.
Request a quote for IRFD320PBF, please send us email: info@allelco.com

Specifications

IRFD320PBF Tech Specifications

IRFD320PBF - Vishay Siliconix technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay / Siliconix	Operating Temperature	-55°C ~ 150°C (TJ)
Vgs(th) (Max) @ Id	4V @ 250µA	Mounting Type	Through Hole
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	410 pF @ 25 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	20 nC @ 10 V
Supplier Device Package	4-HVMDIP	FET Type	N-Channel
Series	-	FET Feature	-
Rds On (Max) @ Id, Vgs	1.80hm @ 210mA, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	1W (Ta)	Drain to Source Voltage (Vdss)	400 V
Package / Case	4-DIP (0.300", 7.62mm)	Current - Continuous Drain (Id) @ 25°C	490mA (Ta)
Package	Tube	Base Product Number	IRFD320

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix IRFD320PBF

Product Attribute				
Part Number	IRFD320PBF	IRFD9014PBF	IRFD9020PBF	IRFD9020
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix
Rds On (Max) @ Id, Vgs	1.80hm @ 210mA, 10V	500mOhm @ 660mA, 10V	280mOhm @ 960mA, 10V	280mOhm @ 960mA, 10V
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
Drive Voltage (Max Rds On, Min Rds On)	10V	10V	10V	10V
Package	Tube	Bulk	Tube	Tube
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Series	-	-	-	-
Current - Continuous Drain (Id) @ 25°C	490mA (Ta)	1.1A (Ta)	1.6A (Ta)	1.6A (Ta)
Drain to Source Voltage (Vdss)	400 V	60 V	60 V	60 V
Input Capacitance (Ciss) (Max) @ Vds	410 pF @ 25 V	270 pF @ 25 V	570 pF @ 25 V	570 pF @ 25 V
FET Feature	-	-	-	-
Package / Case	4-DIP (0.300", 7.62mm)	4-DIP (0.300", 7.62mm)	4-DIP (0.300", 7.62mm)	4-DIP (0.300", 7.62mm)
Vgs (Max)	±20V	±20V	±20V	±20V
Gate Charge (Qg) (Max) @ Vgs	20 nC @ 10 V	12 nC @ 10 V	19 nC @ 10 V	19 nC @ 10 V
Power Dissipation (Max)	1W (Ta)	1.3W (Ta)	1.3W (Ta)	1.3W (Ta)
FET Type	N-Channel	P-Channel	P-Channel	P-Channel
Supplier Device Package	4-HVMDIP	4-HVMDIP	4-HVMDIP	4-HVMDIP
Vgs(th) (Max) @ Id	4V @ 250µA	4V @ 250µA	4V @ 1µA	4V @ 1µA
Base Product Number	IRFD320	IRFD9014	IRFD9020	IRFD9020
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)

IRFD320PBF Datasheet PDF

Download IRFD320PBF pdf datasheets and Vishay Siliconix documentation for IRFD320PBF - Vishay Siliconix.

Datasheets



















IRFD320.pdf

PCN Design/Specification

Mult Dev 01/Feb/2023.pdf

Customers Also Interested in

Recommended Products

 NO PICTURE				 NO PICTURE	 NO PICTURE
IRFD223 IR	IRFD9014PBF Vishay Siliconix MOSFET P-CH 60V 1.1A 4DIP	IRFD9020PBF Vishay Siliconix MOSFET P-CH 60V 1.6A 4DIP	IRFD9020 Vishay Siliconix MOSFET P-CH 60V 1.6A 4DIP	IRFD320 Harris Corporation MOSFET N-CH 400V 490MA 4HVM DIP	IRFD244PBF IR
		 NO PICTURE	 NO PICTURE		
IRFD224 Vishay Siliconix MOSFET N-CH 250V 630MA 4DIP	IRFD9024 Vishay Siliconix MOSFET P-CH 60V 1.6A 4DIP	IRFD220 Harris Corporation 0.8A 200V 0.800 OHM N-CHANNEL	IRFD320PBF MOS IR	IRFD220 Vishay Siliconix MOSFET N-CH 200V 800MA 4DIP	IRFD320 Vishay Siliconix MOSFET N-CH 400V 490MA 4DIP
					
IRFD9014 Vishay Siliconix MOSFET P-CH 60V 1.1A 4DIP	IRFD310PBF Vishay Siliconix MOSFET N-CH 400V 350MA 4DIP	IRFD214PBF Vishay Siliconix MOSFET N-CH 250V 450MA 4DIP	IRFD420 Vishay Siliconix MOSFET N-CH 500V 370MA 4DIP	IRFD220PBF Vishay Siliconix MOSFET N-CH 200V 800MA 4DIP	IRFD420PBF Vishay Siliconix MOSFET N-CH 500V 370MA 4DIP

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

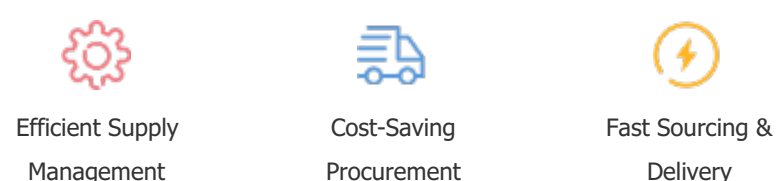
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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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