



IRF540PBF

Manufacturer Part Number	IRF540PBF		Get a Quote
Manufacturer	Vishay / Siliconix		
Allelco Part Number	32D-IRF540PBF		
ECAD Model	 PCB Symbol, Footprint & 3D Model		
Parts Description	MOSFET N-CH 100V 28A TO220AB		
Package	TO-220-3		
Data sheet	IRF540.pdf		
RoHs Status	 ROHS3 Compliant		

IRF540PBF - Vishay Siliconix. New Original in Stock. Download Linear Technology IRF540PBF datasheet/specifications on AllelcoElec.com.

Request a quote for IRF540PBF, please send us email: info@allelco.com

Specifications





IRF540PBF Tech Specifications

IRF540PBF - Vishay Siliconix technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Vishay / Siliconix	Operating Temperature	-55°C ~ 175°C (TJ)
Vgs(th) (Max) @ Id	4V @ 250µA	Mounting Type	Through Hole
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	1700 pF @ 25 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	72 nC @ 10 V
Supplier Device Package	TO-220AB	FET Type	N-Channel
Series	-	FET Feature	-
Rds On (Max) @ Id, Vgs	77mOhm @ 17A, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	150W (Tc)	Drain to Source Voltage (Vdss)	100 V
Package / Case	TO-220-3	Current - Continuous Drain (Id) @ 25°C	28A (Tc)
Package	Tube	Base Product Number	IRF540

Parts with Similar Specifications

The three parts on the right have similar specifications to Vishay Siliconix IRF540PBF

Product Attribute	 NO PICTURE			
Part Number	IRF540PBF	IRF540SPBF	IRF540STRRPBF	IRF540Z
Manufacturer	Vishay Siliconix	Vishay Siliconix	Vishay Siliconix	Infineon Technologies
Package / Case	TO-220-3	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-220-3
Series	-	-	-	HEXFET®
Rds On (Max) @ Id, Vgs	77mOhm @ 17A, 10V	77mOhm @ 17A, 10V	77mOhm @ 17A, 10V	26.5mOhm @ 22A, 10V
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Drive Voltage (Max Rds On, Min Rds On)	10V	10V	10V	10V
Base Product Number	IRF540	IRF540	IRF540	-
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Package	Tube	Tube	Tape & Reel (TR)	Tube
Vgs (Max)	±20V	±20V	±20V	±20V
Gate Charge (Qg) (Max) @ Vgs	72 nC @ 10 V	72 nC @ 10 V	72 nC @ 10 V	63 nC @ 10 V
Input Capacitance (Ciss) (Max) @ Vds	1700 pF @ 25 V	1700 pF @ 25 V	1700 pF @ 25 V	1770 pF @ 25 V
Operating Temperature	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)
Drain to Source Voltage (Vdss)	100 V	100 V	100 V	100 V
Supplier Device Package	TO-220AB	D ² PAK (TO-263)	D ² PAK (TO-263)	TO-220AB
Power Dissipation (Max)	150W (Tc)	3.7W (Ta), 150W (Tc)	3.7W (Ta), 150W (Tc)	92W (Tc)
Current - Continuous Drain (Id) @ 25°C	28A (Tc)	28A (Tc)	28A (Tc)	36A (Tc)
Mounting Type	Through Hole	Surface Mount	Surface Mount	Through Hole
FET Feature	-	-	-	-
Vgs(th) (Max) @ Id	4V @ 250µA	4V @ 250µA	4V @ 250µA	4V @ 250µA


IRF540PBF Datasheet PDF

Download IRF540PBF pdf datasheets and Vishay Siliconix documentation for IRF540PBF - Vishay Siliconix.

Datasheets


IRF540.pdf



















Other Related Documents


Packaging Information.pdf

PCN Design/Specification

Customers Also Interested in

Recommended Products

					
IRF540SPBF Vishay Siliconix MOSFET N-CH 100V 28A D2PAK	IRF540STRRPBF Vishay Siliconix MOSFET N-CH 100V 28A D2PAK	IRF540Z Infineon Technologies MOSFET N-CH 100V 36A TO220AB	IRF540ZS Infineon Technologies MOSFET N-CH 100V 36A D2PAK	IRF540NSPBF Infineon Technologies MOSFET N-CH 100V 33A D2PAK	IRF540S Vishay Siliconix MOSFET N-CH 100V 28A D2PAK
					
IRF540NSTRL IR	IRF540NS MOS IR	IRF540NSTRR IR	IRF540ZPBF MOS IR	IRF540S MOS IR	IRF540NS F540NS IR
					
IRF540ZPBF Infineon Technologies MOSFET N-CH 100V 36A TO220AB	IRF540NSTRRPBF Infineon Technologies MOSFET N-CH 100V 33A D2PAK	IRF540NS IR	IRF540NSTRLPBF Infineon Technologies MOSFET N-CH 100V 33A D2PAK	IRF540ZSPBF MOS IR	IRF540STRLPBF Vishay Siliconix MOSFET N-CH 100V 28A D2PAK

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.

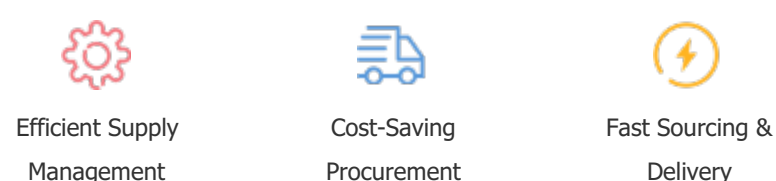
Payment Support

The payment method can be chosen from the methods shown below:

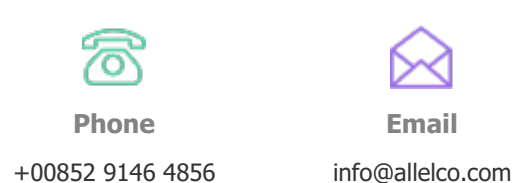
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



View More