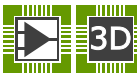





# IRF740APBF

Manufacturer Part Number	<b>IRF740APBF</b>
Manufacturer	<b>Vishay / Siliconix</b>
Allelco Part Number	32D-IRF740APBF
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	MOSFET N-CH 400V 10A TO220AB
Package	TO-220-3
Data sheet	<b>IRF740APBF.pdf</b>
RoHs Status	 ROHS3 Compliant



**Get a Quote**

IRF740APBF - Vishay Siliconix. New Original in Stock. Download Linear Technology IRF740APBF datasheet/specifications on AllelcoElec.com.

Request a quote for IRF740APBF, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications





IRF740APBF Tech Specifications

IRF740APBF - 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)	±30V	Input Capacitance (Ciss) (Max) @ Vds	1030 pF @ 25 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	36 nC @ 10 V
Supplier Device Package	TO-220AB	FET Type	N-Channel
Series	-	FET Feature	-
Rds On (Max) @ Id, Vgs	550mOhm @ 6A, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	125W (Tc)	Drain to Source Voltage (Vdss)	400 V
Package / Case	TO-220-3	Current - Continuous Drain (Id) @ 25°C	10A (Tc)
Package	Tube	Base Product Number	IRF740

## Parts with Similar Specifications


The three parts on the right have similar specifications to Vishay Siliconix IRF740APBF

Product Attribute	 NO PICTURE			
Part Number	IRF740APBF	IRF740A	IRF740ASPBF	IRF740ALPBF
Manufacturer	Vishay Siliconix	Fairchild Semiconductor	Vishay Siliconix	Vishay Siliconix
Power Dissipation (Max)	125W (Tc)	125W (Tc)	3.1W (Ta), 125W (Tc)	3.1W (Ta), 125W (Tc)
Vgs(th) (Max) @ Id	4V @ 250µA	4V @ 250µA	4V @ 250µA	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	36 nC @ 10 V	36 nC @ 10 V	36 nC @ 10 V	36 nC @ 10 V
Series	-	-	-	-
Base Product Number	IRF740	-	IRF740	IRF740
Vgs (Max)	±30V	±30V	±30V	±30V
Mounting Type	Through Hole	Through Hole	Surface Mount	Through Hole
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Package / Case	TO-220-3	TO-220-3	TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB	TO-262-3 Long Leads, I <sup>2</sup> Pak, TO-262AA
Supplier Device Package	TO-220AB	TO-220AB	D <sup>2</sup> PAK (TO-263)	I <sup>2</sup> PAK
Package	Tube	Tube	Tube	Tube
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
FET Feature	-	-	-	-
Current - Continuous Drain (Id) @ 25°C	10A (Tc)	10A (Tc)	10A (Tc)	10A (Tc)
Rds On (Max) @ Id, Vgs	550mOhm @ 6A, 10V	550mOhm @ 6A, 10V	550mOhm @ 6A, 10V	550mOhm @ 6A, 10V
Drive Voltage (Max Rds On, Min Rds On)	10V	10V	10V	10V
Drain to Source Voltage (Vdss)	400 V	400 V	400 V	400 V
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Input Capacitance (Ciss) (Max) @ Vds	1030 pF @ 25 V	1030 pF @ 25 V	1030 pF @ 25 V	1030 pF @ 25 V


## IRF740APBF Datasheet PDF

Download IRF740APBF pdf datasheets and Vishay Siliconix documentation for IRF740APBF - Vishay Siliconix.

### Datasheets


IRF740APBF.pdf



















### Other Related Documents


Packaging Information.pdf

### PCN Design/Specification

## Customers Also Interested in

### Recommended Products

 <b>IRF7406TRPBF MOS</b> IR	 <b>IRF740A</b> Fairchild Semiconductor MOSFET N-CH 400V 10A TO220AB	 <b>IRF740ASPBF</b> Vishay Siliconix MOSFET N-CH 400V 10A D2PAK	 <b>IRF740ALPBF</b> Vishay Siliconix MOSFET N-CH 400V 10A I2PAK	 <b>IRF740BPBF</b> Vishay Siliconix MOSFET N-CH 400V 10A TO220AB	 <b>IRF740A</b> Vishay Siliconix MOSFET N-CH 400V 10A TO220AB
 <b>IRF7406TRPBF.</b> IR	 <b>IRF7406TR</b> IR	 <b>IRF740LC</b> Vishay Siliconix MOSFET N-CH 400V 10A TO220AB	 <b>IRF740AL</b> Vishay Siliconix MOSFET N-CH 400V 10A I2PAK	 <b>IRF7406TRPBF</b> Infineon Technologies MOSFET P-CH 30V 5.8A 8SO	 <b>IRF740B</b> Fairchild Semiconductor MOSFET N-CH 400V 10A TO220-3
 <b>IRF740ASTRLPBF</b> Vishay Siliconix MOSFET N-CH 400V 10A D2PAK	 <b>IRF740L</b> Vishay Siliconix MOSFET N-CH 400V 10A TO220AB	 <b>IRF740B</b> onsemi MOSFET N-CH 400V 10A TO220-3	 <b>IRF740ASTRRPBF</b> Vishay Siliconix MOSFET N-CH 400V 10A D2PAK	 <b>IRF740AS</b> Vishay Siliconix MOSFET N-CH 400V 10A D2PAK	 <b>IRF7406TRPBF-1</b> IR

## 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.

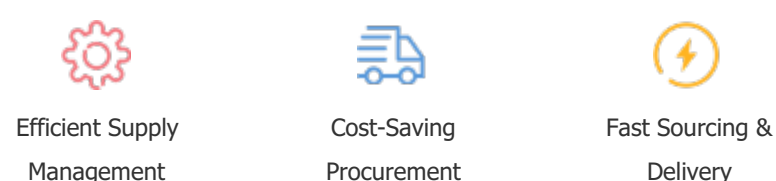
### Payment Support

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

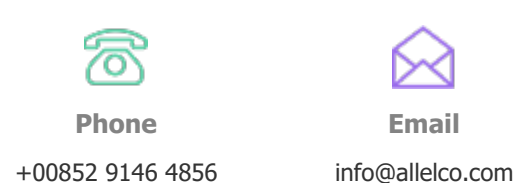
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



View More