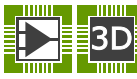





IRF710PBF

Manufacturer Part Number	IRF710PBF
Manufacturer	Vishay / Siliconix
Allelco Part Number	32D-IRF710PBF
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	MOSFET N-CH 400V 2A TO220AB
Package	TO-220-3
Data sheet	IRF710, SiHF710.pdf
RoHs Status	 ROHS3 Compliant


[Get a Quote](#)

IRF710PBF - Vishay Siliconix. New Original in Stock. Download Linear Technology IRF710PBF datasheet/specifications on AllelcoElec.com.

Request a quote for IRF710PBF, please send us email: info@allelco.com

Specifications





IRF710PBF Tech Specifications

IRF710PBF - 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	170 pF @ 25 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	17 nC @ 10 V
Supplier Device Package	TO-220AB	FET Type	N-Channel
Series	-	FET Feature	-
Rds On (Max) @ Id, Vgs	3.6Ohm @ 1.2A, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	36W (Tc)	Drain to Source Voltage (Vdss)	400 V
Package / Case	TO-220-3	Current - Continuous Drain (Id) @ 25°C	2A (Tc)
Package	Tube	Base Product Number	IRF710

Parts with Similar Specifications


The three parts on the right have similar specifications to Vishay Siliconix IRF710PBF

Product Attribute	 NO PICTURE			
Part Number	IRF710PBF	IRF7201PBF	IRF710S	IRF720
Manufacturer	Vishay Siliconix	International Rectifier	Vishay Siliconix	onsemi
Rds On (Max) @ Id, Vgs	3.6Ohm @ 1.2A, 10V	30mOhm @ 7.3A, 10V	3.6Ohm @ 1.2A, 10V	1.8Ohm @ 2A, 10V
Base Product Number	IRF710	-	IRF710	-
Current - Continuous Drain (Id) @ 25°C	2A (Tc)	7.3A (Tc)	2A (Tc)	3.3A (Tc)
Mounting Type	Through Hole	Surface Mount	Surface Mount	Through Hole
Package / Case	TO-220-3	8-SOIC (0.154", 3.90mm Width)	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-220-3
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Series	-	HEXFET®	-	-
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Supplier Device Package	TO-220AB	8-SO	D ² PAK (TO-263)	TO-220AB
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Drive Voltage (Max Rds On, Min Rds On)	10V	4.5V, 10V	10V	10V
Vgs(th) (Max) @ Id	4V @ 250µA	1V @ 250µA	4V @ 250µA	4V @ 250µA
FET Feature	-	-	-	-
Package	Tube	Bulk	Tube	Tube
Vgs (Max)	±20V	±20V	±20V	±20V
Drain to Source Voltage (Vdss)	400 V	30 V	400 V	400 V
Power Dissipation (Max)	36W (Tc)	2.5W (Tc)	3.1W (Ta), 36W (Tc)	50W (Tc)
Gate Charge (Qg) (Max) @ Vgs	17 nC @ 10 V	28 nC @ 10 V	17 nC @ 10 V	20 nC @ 10 V
Input Capacitance (Ciss) (Max) @ Vds	170 pF @ 25 V	550 pF @ 25 V	170 pF @ 25 V	410 pF @ 25 V


IRF710PBF Datasheet PDF

Download IRF710PBF pdf datasheets and Vishay Siliconix documentation for IRF710PBF - Vishay Siliconix.

Datasheets


[IRF710, SiHF710.pdf](#)






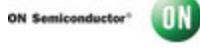












Other Related Documents


[Packaging Information.pdf](#)

PCN Design/Specification

Customers Also Interested in

Recommended Products

 NO PICTURE		 NO PICTURE	 NO PICTURE		
IRF7106TR IR	IRF7201PBF International Rectifier HEXFET POWER MOSFET	IRF7107TRPBF IR	IRF7106TRPBF IRF	IRF710S Vishay Siliconix MOSFET N-CH 400V 2A D2PAK	IRF720 onsemi MOSFET N-CH 400V 3.3A TO220AB
 NO PICTURE			 NO PICTURE	 NO PICTURE	
IRF7105TRPBF. IR	IRF7106 Infineon Technologies MOSFET N/P-CH 20V 3A/2.5A 8-SOIC	IRF7105TRPBF MOS Cypress Semiconductor (Infineon Technologies)	IRF7108 IR	IRF7108TR IRF	IRF7171MTRPBF Infineon Technologies MOSFET N-CH 100V 15A DIRECTFET
	 NO PICTURE	 NO PICTURE			 NO PICTURE
IRF720 Vishay Siliconix MOSFET N-CH 400V 3.3A TO220AB	IRF712 Harris Corporation N-CHANNEL POWER MOSFET	IRF710A SEC	IRF7201 Infineon Technologies MOSFET N-CH 30V 7.3A 8SO	IRF710SPBF Vishay Siliconix MOSFET N-CH 400V 2A D2PAK	IRF7106TR MOS 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.

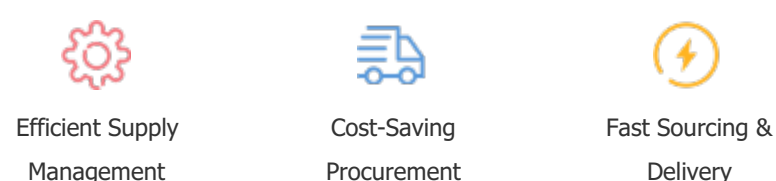
Payment Support

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

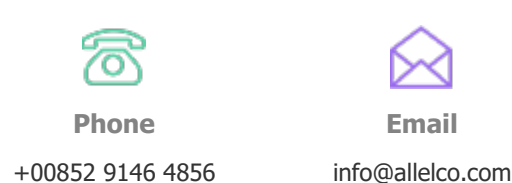
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



View More