



Image may be representation.
See specifications for product details.



IRFB3306PBF

Manufacturer Part Number	IRFB3306PBF
Manufacturer	Infineon Technologies
Allelco Part Number	32D-IRFB3306PBF
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	MOSFET N-CH 60V 120A TO220AB
Package	TO-220-3
Data sheet	IRFB3306PBF.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

IRFB3306PBF - Infineon Technologies.New Original in Stock. Download Linear Technology IRFB3306PBF datasheet/specifications on AllelcoElec.com.
Request a quote for IRFB3306PBF, please send us email: info@allelco.com

Specifications

IRFB3306PBF Tech Specifications

IRFB3306PBF - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Operating Temperature	-55°C ~ 175°C (TJ)
Vgs(th) (Max) @ Id	4V @ 150µA	Mounting Type	Through Hole
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	4520 pF @ 50 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	120 nC @ 10 V
Supplier Device Package	TO-220AB	FET Type	N-Channel
Series	HEXFET®	FET Feature	-
Rds On (Max) @ Id, Vgs	4.2mOhm @ 75A, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	230W (Tc)	Drain to Source Voltage (Vdss)	60 V
Package / Case	TO-220-3	Current - Continuous Drain (Id) @ 25°C	120A (Tc)
Package	Tube	Base Product Number	IRFB3306

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies IRFB3306PBF

Product Attribute				
Part Number	IRFB3306PBF	IRFB3307	IRFB3256PBF	IRFB3306GPBF
Manufacturer	Infineon Technologies	Infineon Technologies	International Rectifier	Infineon Technologies
Input Capacitance (Ciss) (Max) @ Vds	4520 pF @ 50 V	5150 pF @ 50 V	6600 pF @ 48 V	4520 pF @ 50 V
Vgs(th) (Max) @ Id	4V @ 150µA	4V @ 150µA	4V @ 150µA	4V @ 150µA
Package / Case	TO-220-3	TO-220-3	TO-220-3	TO-220-3
Drain to Source Voltage (Vdss)	60 V	75 V	60 V	60 V
Vgs (Max)	±20V	±20V	±20V	±20V
Operating Temperature	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)
Power Dissipation (Max)	230W (Tc)	250W (Tc)	300W (Tc)	230W (Tc)
Mounting Type	Through Hole	Through Hole	Through Hole	Through Hole
FET Feature	-	-	-	-
Rds On (Max) @ Id, Vgs	4.2mOhm @ 75A, 10V	6.3mOhm @ 75A, 10V	3.4mOhm @ 75A, 10V	4.2mOhm @ 75A, 10V
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Series	HEXFET®	HEXFET®	HEXFET®	HEXFET®
Base Product Number	IRFB3306	-	-	IRFB3306
Drive Voltage (Max Rds On, Min Rds On)	10V	10V	10V	10V
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Package	Tube	Tube	Bulk	Tube
Gate Charge (Qg) (Max) @ Vgs	120 nC @ 10 V	180 nC @ 10 V	195 nC @ 10 V	120 nC @ 10 V
Supplier Device Package	TO-220AB	TO-220AB	TO-220AB	TO-220AB
Current - Continuous Drain (Id) @ 25°C	120A (Tc)	130A (Tc)	75A (Tc)	120A (Tc)

IRFB3306PBF Datasheet PDF

Download IRFB3306PBF pdf datasheets and Infineon Technologies documentation for IRFB3306PBF - Infineon Technologies.

Other Related Documents

IR Part Numbering System.pdf

PCN Other

Tube Pkg Qty Standardization 18/Aug/2016.pdf

PCN Design/Specification

Mult Dev No Format/Barcode Label
15/Jan/2019.pdf

Mult Dev Label Chgs Aug/2020.pdf

PCN Packaging

Barcode Label Update 24/Feb/2017.pdf



















Tube Label Chgs 20/May/2020.pdf

PCN Assembly/Origin

Mult Dev A/T Add 7/Feb/2022.pdf

Customers Also Interested in

Recommended Products

					
IRFB3307 Infineon Technologies MOSFET N-CH 75V 130A TO220AB	IRFB3256PBF International Rectifier IRFB3256 - 12V-300V N-CHANNEL PO	IRFB3306GPBF Infineon Technologies MOSFET N-CH 60V 120A TO220AB	IRFB3207ZPBF MOS IR	IRFB3207ZGPBF MOS IR	IRFB3306 IR
					
IRFB33N15D Infineon Technologies MOSFET N-CH 150V 33A TO220AB	IRFB3207ZPBF Infineon Technologies MOSFET N-CH 75V 120A TO220AB	IRFB32N20 IR	IRFB3307G IR/VISHAY	IRFB3256 IR	IRFB32N20D IR
					
IRFB3307Z IR	IRFB3306G IR	IRFB3307PBF. IR	IRFB3307PBF Infineon Technologies MOSFET N-CH 75V 130A TO220AB	IRFB3307ZPBF Infineon Technologies MOSFET N-CH 75V 120A TO220AB	IRFB3307ZGPBF Infineon Technologies MOSFET N-CH 75V 120A TO220AB

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



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