



Image may be representation.
See specifications for product details.



IRF7317TRPBF

Manufacturer Part Number	IRF7317TRPBF
Manufacturer	Infineon Technologies
Allelco Part Number	32D-IRF7317TRPBF
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	MOSFET N/P-CH 20V 8-SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	IRF7317TRPBF.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

IRF7317TRPBF - Infineon Technologies. New Original in Stock. Download Linear Technology IRF7317TRPBF datasheet/specifications on AllelcoElec.com.
Request a quote for IRF7317TRPBF, please send us email: info@allelco.com

Specifications

IRF7317TRPBF Tech Specifications
IRF7317TRPBF - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Operating Temperature	-55°C ~ 150°C (TJ)
Vgs(th) (Max) @ Id	700mV @ 250µA	Mounting Type	Surface Mount
Technology	MOSFET (Metal Oxide)	Input Capacitance (Ciss) (Max) @ Vds	900pF @ 15V
Supplier Device Package	8-SO	Gate Charge (Qg) (Max) @ Vgs	27nC @ 4.5V
Series	HEXFET®	FET Feature	Logic Level Gate
Rds On (Max) @ Id, Vgs	29mOhm @ 6A, 4.5V	Drain to Source Voltage (Vdss)	20V
Power - Max	2W	Current - Continuous Drain (Id) @ 25°C	6.6A, 5.3A
Package / Case	8-SOIC (0.154", 3.90mm Width)	Configuration	N and P-Channel
Package	Tape & Reel (TR)	Base Product Number	IRF731

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies IRF7317TRPBF

Product Attribute				
Part Number	IRF7317TRPBF	IRF7316QTRPBF	IRF7316TRPBF	IRF7316TR
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Operating Temperature	-55°C ~ 150°C (TJ)	-	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Series	HEXFET®	-	HEXFET®	HEXFET®
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Configuration	N and P-Channel	2 P-Channel (Dual)	2 P-Channel (Dual)	2 P-Channel (Dual)
Input Capacitance (Ciss) (Max) @ Vds	900pF @ 15V	710pF @ 25V	710pF @ 25V	710pF @ 25V
Package	Tape & Reel (TR)	Cut Tape (CT)	Tape & Reel (TR)	Tape & Reel (TR)
Drain to Source Voltage (Vdss)	20V	30V	30V	30V
Rds On (Max) @ Id, Vgs	29mOhm @ 6A, 4.5V	58mOhm @ 4.9A, 10V	58mOhm @ 4.9A, 10V	58mOhm @ 4.9A, 10V
Vgs(th) (Max) @ Id	700mV @ 250µA	1V @ 250µA	1V @ 250µA	1V @ 250µA
FET Feature	Logic Level Gate	Logic Level Gate	Logic Level Gate	Logic Level Gate
Gate Charge (Qg) (Max) @ Vgs	27nC @ 4.5V	34nC @ 10V	34nC @ 10V	34nC @ 10V
Base Product Number	IRF731	IRF731	IRF731	IRF731
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Current - Continuous Drain (Id) @ 25°C	6.6A, 5.3A	4.9A	4.9A	4.9A
Supplier Device Package	8-SO	8-SO	8-SO	8-SO
Power - Max	2W	2W	2W	2W

IRF7317TRPBF Datasheet PDF

Download IRF7317TRPBF pdf datasheets and Infineon Technologies documentation for IRF7317TRPBF - Infineon Technologies.

Other Related Documents

IR Part Numbering System.pdf

PCN Design/Specification

Mult Dev Label Chgs Aug/2020.pdf

PCN Packaging

Barcode Label Update 24/Feb/2017.pdf

Mult Dev Lot No Format Chg 6/Apr/2018.pdf



















PCN Other

PCN Assembly/Origin

Mult Dev Wafer Chgs 31/Mar/2021.pdf

Customers Also Interested in

Recommended Products

 IRF7316QTRPBF Infineon Technologies MOSFET 2P-CH 30V 4.9A 8SOIC	 NO PICTURE IRF7316QTRPBF. IR	 NO PICTURE IRF7319 IR	 IRF7316TRPBF Infineon Technologies MOSFET 2P-CH 30V 4.9A 8SO	 NO PICTURE IRF7316Q IR	 IRF7316TR Infineon Technologies MOSFET 2P-CH 30V 4.9A 8-SOIC
 NO PICTURE IRF7319QTRPBF VBSEMI	 NO PICTURE IRF7317 IR	 NO PICTURE IRF7317TR IR	 IRF7317PBF Infineon Technologies MOSFET N/P-CH 20V 8-SOIC	 NO PICTURE IRF7319TRPBF MOS IR	 NO PICTURE IRF7319QTRPBF. IR
 NO PICTURE IRF7316 IR	 IRF7319PBF International Rectifier IRF7319 - 20V-60V COMPLEMENTARY	 NO PICTURE IRF7316TR MOS IRF	 NO PICTURE IRF7317TRPBF. IR	 NO PICTURE IRF7319TR IR	 IRF7319TRPBF Infineon Technologies MOSFET N/P-CH 30V 8SOIC

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
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Contact us if you have any questions.

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Certifications & Memberships



View More

Contact us

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