



IRFHM8329TRPBF

Manufacturer Part Number	IRFHM8329TRPBF
Manufacturer	Infineon Technologies
Allelco Part Number	32D-IRFHM8329TRPBF
ECAD Model	Request Free CAD Models
Parts Description	MOSFET N-CH 30V 16A/57A PQFN
Package	8-PowerTDFN
Data sheet	IRFHM8329TRPBF.pdf
RoHs Status	ROHS3 Compliant



Get a Quote

IRFHM8329TRPBF - Infineon Technologies.New Original in Stock. Download Linear Technology IRFHM8329TRPBF datasheet/specifications on AllelcoElec.com.
Request a quote for IRFHM8329TRPBF, please send us email: info@allelco.com

Specifications

IRFHM8329TRPBF Tech Specifications
IRFHM8329TRPBF - 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	2.2V @ 25µA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	1710 pF @ 10 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	26 nC @ 10 V
Supplier Device Package	PQFN (3x3)	FET Type	N-Channel
Series	HEXFET®	FET Feature	-
Rds On (Max) @ Id, Vgs	6.1mOhm @ 20A, 10V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Power Dissipation (Max)	2.6W (Ta), 33W (Tc)	Drain to Source Voltage (Vdss)	30 V
Package / Case	8-PowerTDFN	Current - Continuous Drain (Id) @ 25°C	16A (Ta), 57A (Tc)
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies IRFHM8329TRPBF

Product Attribute				
Part Number	IRFHM8329TRPBF	IRFHM8235TRPBF	IRFHM8330TRPBF	IRFHM8326TRPBF
Manufacturer	Infineon Technologies	Infineon Technologies	International Rectifier	Infineon Technologies
Input Capacitance (Ciss) (Max) @ Vds	1710 pF @ 10 V	1040 pF @ 10 V	1450 pF @ 25 V	2496 pF @ 10 V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	HEXFET®	HEXFET®	HEXFET®	HEXFET®
Operating Temperature	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Gate Charge (Qg) (Max) @ Vgs	26 nC @ 10 V	12 nC @ 4.5 V	20 nC @ 10 V	39 nC @ 10 V
Supplier Device Package	PQFN (3x3)	8-PQFN (3.3x3.3), Power33	8-PQFN (3.3x3.3)	-
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Package	Tape & Reel (TR)	Tape & Reel (TR)	Bulk	Tape & Reel (TR)
Drain to Source Voltage (Vdss)	30 V	25 V	30 V	30 V
Vgs(th) (Max) @ Id	2.2V @ 25µA	2.35V @ 25µA	2.35V @ 25µA	2.2V @ 50µA
Rds On (Max) @ Id, Vgs	6.1mOhm @ 20A, 10V	7.7mOhm @ 20A, 10V	6.6mOhm @ 20A, 10V	4.7mOhm @ 20A, 10V
Current - Continuous Drain (Id) @ 25°C	16A (Ta), 57A (Tc)	16A (Ta)	16A (Ta), 55A (Tc)	19A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	4.5V, 10V	-	4.5V, 10V
Power Dissipation (Max)	2.6W (Ta), 33W (Tc)	3W (Ta), 30W (Tc)	2.7W (Ta), 33W (Tc)	2.8W (Ta), 37W (Tc)
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Vgs (Max)	±20V	±20V	±20V	±20V
Package / Case	8-PowerTDFN	8-PowerTDFN	8-PowerVDFN	8-PowerTDFN
FET Feature	-	-	-	-

IRFHM8329TRPBF Datasheet PDF

Download IRFHM8329TRPBF pdf datasheets and Infineon Technologies documentation for IRFHM8329TRPBF - Infineon Technologies.

PCN Assembly/Origin

Backend Wafer Transfer 23/Oct/2013.pdf

PCN Design/Specification

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

Mult Dev Lot Chgs 25/May/2021.pdf

PCN Packaging



















Packing Material Update 16/Sep/2016.pdf

Barcode Label Update 24/Feb/2017.pdf

 Mult Dev EOL 3/Jun/2020.pdf

Customers Also Interested in

Recommended Products

 NO PICTURE					
IRFHM8337 IR	IRFHM8235TRPBF Infineon Technologies MOSFET N-CH 25V 16A 8PQFN	IRFHM8330TRPBF International Rectifier MOSFET N-CH 30V 16A/55A 8PQFN	IRFHM8326TRPBF Infineon Technologies MOSFET N-CH 30V 25A PQFN	IRFHM8337TRPBF Infineon Technologies MOSFET N-CH 30V 12A 8PQFN	IRFHM831TR2PBF Infineon Technologies MOSFET N-CH 30V 14A PQFN
 NO PICTURE		 NO PICTURE	 NO PICTURE		 NO PICTURE
IRFHM831 IR	IRFHM8363TRPBF Infineon Technologies MOSFET 2N-CH 30V 11A 8PQFN	IRFHM8329 IR	IRFHM831TRPBF MOS IR	IRFHM830DTRPBF Infineon Technologies MOSFET N-CH 30V 20A/40A PQFN	IRFHM8334 IR
					 NO PICTURE
IRFHM8342TRPBF International Rectifier IRFHM8342 - 12V-300V N-CHANNEL P	IRFHM830TRPBF Infineon Technologies MOSFET N-CH 30V 21A/40A PQFN	IRFHM8334TRPBF International Rectifier MOSFET N-CH 30V 13A/43A 8PQFN DL	IRFHM830DTR2PBF Infineon Technologies MOSFET N-CH 30V 20A PQFN	IRFHM831TRPBF Infineon Technologies MOSFET N-CH 30V 14A/40A PQFN	IRFHM8330 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

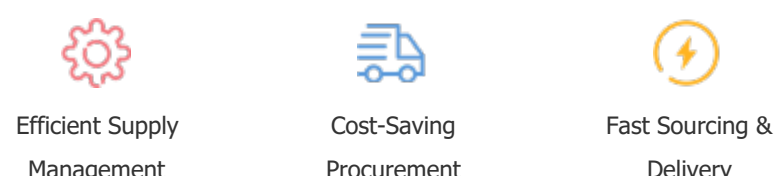
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

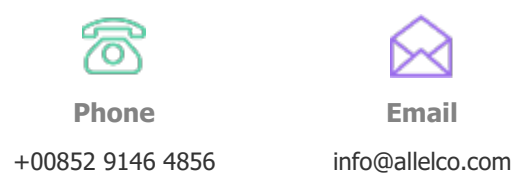
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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