



Image may be representation.
See specifications for product details.



IRFS4229TRLPBF

Manufacturer Part Number	IRFS4229TRLPBF
Manufacturer	Infineon Technologies
Allelco Part Number	32D-IRFS4229TRLPBF
ECAD Model	PCB Footprint and Symbol
Parts Description	MOSFET N-CH 250V 45A D2PAK
Package	TO-263-3, D²Pak (2 Leads + Tab), TO-263AB
Data sheet	IRFS4229TRLPBF.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

IRFS4229TRLPBF - Infineon Technologies.New Original in Stock. Download Linear Technology IRFS4229TRLPBF datasheet/specifications on AllelcoElec.com.
Request a quote for IRFS4229TRLPBF, please send us email: info@allelco.com

Specifications

IRFS4229TRLPBF Tech Specifications
IRFS4229TRLPBF - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Operating Temperature	-40°C ~ 175°C (TJ)
Vgs(th) (Max) @ Id	5V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±30V	Input Capacitance (Ciss) (Max) @ Vds	4560 pF @ 25 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	110 nC @ 10 V
Supplier Device Package	PG-TO263-3	FET Type	N-Channel
Series	HEXFET®	FET Feature	-
Rds On (Max) @ Id, Vgs	48mOhm @ 26A, 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Power Dissipation (Max)	330W (Tc)	Drain to Source Voltage (Vdss)	250 V
Package / Case	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	Current - Continuous Drain (Id) @ 25°C	45A (Tc)
Package	Tape & Reel (TR)	Base Product Number	IRFS4229

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies IRFS4229TRLPBF

Product Attribute				
Part Number	IRFS4229TRLPBF	IRFS4227TRLPBF	IRFS4228TRLPBF	IRFS4310TRRPBF
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	International Rectifier
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Gate Charge (Qg) (Max) @ Vgs	110 nC @ 10 V	98 nC @ 10 V	107 nC @ 10 V	250 nC @ 10 V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Bulk
Input Capacitance (Ciss) (Max) @ Vds	4560 pF @ 25 V	4600 pF @ 25 V	4530 pF @ 25 V	7670 pF @ 50 V
Series	HEXFET®	HEXFET®	HEXFET®	HEXFET®
Current - Continuous Drain (Id) @ 25°C	45A (Tc)	62A (Tc)	83A (Tc)	130A (Tc)
Rds On (Max) @ Id, Vgs	48mOhm @ 26A, 10V	26mOhm @ 46A, 10V	15mOhm @ 33A, 10V	7mOhm @ 75A, 10V
Package / Case	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Drive Voltage (Max Rds On, Min Rds On)	10V	10V	10V	-
Operating Temperature	-40°C ~ 175°C (TJ)	-40°C ~ 175°C (TJ)	-40°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Vgs (Max)	±30V	±30V	±30V	±20V
Drain to Source Voltage (Vdss)	250 V	200 V	150 V	100 V
Vgs(th) (Max) @ Id	5V @ 250µA	5V @ 250µA	5V @ 250µA	4V @ 250µA
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Supplier Device Package	PG-TO263-3	D2PAK	D2PAK	PG-TO263-3-2
FET Feature	-	-	-	-
Base Product Number	IRFS4229	IRFS4227	-	-
Power Dissipation (Max)	330W (Tc)	330W (Tc)	330W (Tc)	300W (Tc)

IRFS4229TRLPBF Datasheet PDF

Download IRFS4229TRLPBF pdf datasheets and Infineon Technologies documentation for IRFS4229TRLPBF - Infineon Technologies.

Other Related Documents

IR Part Numbering System.pdf

PCN Packaging

Mult Device Standard Label Chg 29/Sep/2017.pdf

Mult Dev Label Chgs 18/Feb/2020.pdf

PCN Design/Specification

PCN Assembly/Origin

Customers Also Interested in

Recommended Products

IRFS4227TRLPBF Infineon Technologies MOSFET N-CH 200V 62A D2PAK	IRFS4228TRLPBF Infineon Technologies MOSFET N-CH 150V 83A D2PAK	IRFS4227TRRPBF IR	IRFS4227 IR	IRFS4310TRLPBF MOS IR	IRFS4310TRRPBF International Rectifier MOSFET N-CH 100V 130A TO263-3-2
IRFS4227 MOS IR	IRFS4229PBF Infineon Technologies MOSFET N-CH 250V 45A D2PAK	IRFS4310PBF MOS IR	IRFS4310PBF International Rectifier MOSFET N-CH 100V 130A D2PAK	IRFS4310TRLPBF Infineon Technologies MOSFET N-CH 100V 130A D2PAK	IRFS4310ZPBF International Rectifier MOSFET N-CH 100V 120A TO263-3-2
IRFS4310 MOS IR	IRFS4227PBF Infineon Technologies MOSFET N-CH 200V 62A D2PAK	IRFS4229 IR	IRFS4310 IR	IRFS4227PBF MOS IR	IRFS4228PBF Infineon Technologies MOSFET N-CH 150V 83A D2PAK

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.

Phone +00852 9146 4856	Email info@allelco.com
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Certifications & Memberships



View More

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