



# IRLR2908TRLPBF

Manufacturer Part Number	<b>IRLR2908TRLPBF</b>
Manufacturer	<b>Infineon Technologies</b>
Allelco Part Number	32D-IRLR2908TRLPBF
ECAD Model	Request Free CAD Models
Parts Description	<b>IRLR2908 - HEXFET POWER MOSFET</b>
Package	<b>TO-252-3, DPak (2 Leads + Tab), SC-63</b>
Data sheet	IRLR2908TRLPBF.pdf



**Get a Quote**

IRLR2908TRLPBF - International Rectifier. New Original in Stock. Download Linear Technology IRLR2908TRLPBF datasheet/specifications on AllelcoElec.com.  
Request a quote for IRLR2908TRLPBF, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

IRLR2908TRLPBF Tech Specifications

IRLR2908TRLPBF - International Rectifier 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	2.5V @ 250µA	Mounting Type	Surface Mount
Vgs (Max)	±16V	Input Capacitance (Ciss) (Max) @ Vds	1890 pF @ 25 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	33 nC @ 4.5 V
Supplier Device Package	D-Pak	FET Type	N-Channel
Series	HEXFET®	FET Feature	-
Rds On (Max) @ Id, Vgs	28mOhm @ 23A, 10V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Power Dissipation (Max)	120W (Tc)	Drain to Source Voltage (Vdss)	80 V
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	Current - Continuous Drain (Id) @ 25°C	30A (Tc)
Package	Bulk		

## Parts with Similar Specifications

The three parts on the right have similar specifications to International Rectifier IRLR2908TRLPBF

Product Attribute				
Part Number	IRLR2908TRLPBF	IRLR2905TRPBF	IRLR3103TRR	IRLR2905Z
Manufacturer	International Rectifier	Infineon Technologies	Infineon Technologies	Infineon Technologies
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Bulk	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Drain to Source Voltage (Vdss)	80 V	55 V	30 V	55 V
Current - Continuous Drain (Id) @ 25°C	30A (Tc)	42A (Tc)	55A (Tc)	42A (Tc)
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-252-3, DPak (2 Leads + Tab), SC-63
Vgs(th) (Max) @ Id	2.5V @ 250µA	2V @ 250µA	1V @ 250µA	3V @ 250µA
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	4V, 10V	4.5V, 10V	4.5V, 10V
Input Capacitance (Ciss) (Max) @ Vds	1890 pF @ 25 V	1700 pF @ 25 V	1600 pF @ 25 V	1570 pF @ 25 V
Rds On (Max) @ Id, Vgs	28mOhm @ 23A, 10V	27mOhm @ 25A, 10V	19mOhm @ 33A, 10V	13.5mOhm @ 36A, 10V
Supplier Device Package	D-Pak	D-Pak	D-Pak	D-Pak
Power Dissipation (Max)	120W (Tc)	110W (Tc)	107W (Tc)	110W (Tc)
Operating Temperature	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)
Vgs (Max)	±16V	±16V	±16V	±16V
Series	HEXFET®	HEXFET®	HEXFET®	HEXFET®
FET Feature	-	-	-	-
Gate Charge (Qg) (Max) @ Vgs	33 nC @ 4.5 V	48 nC @ 5 V	50 nC @ 4.5 V	35 nC @ 5 V

## Customers Also Interested in

### Recommended Products



**IRLR2905TRPBF**  
Infineon Technologies  
MOSFET N-CH 55V 42A DPAK



**IRLR3103TRR**  
Infineon Technologies  
MOSFET N-CH 30V 55A DPAK



**IRLR2905Z**  
Infineon Technologies  
MOSFET N-CH 55V 42A DPAK



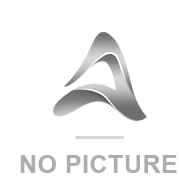
**IRLR2905ZPBF**  
Infineon Technologies  
MOSFET N-CH 55V 42A DPAK



**IRLR2905TRLPBF**  
Infineon Technologies  
MOSFET N-CH 55V 42A DPAK



**IRLR2905PBF**  
International Rectifier  
HEXFET POWER MOSFET



**IRLR3103PBF**Infineon Technologies  
MOSFET N-CH 30V 55A DPAK**IRLR3103TRPBF**Infineon Technologies  
MOSFET N-CH 30V 55A DPAK**IRLR2905TRPBF.**

IR

**IRLR2905ZTRPBF.**

IR

**IRLR3103TR**Infineon Technologies  
MOSFET N-CH 30V 55A DPAK**IRLR3103**Infineon Technologies  
MOSFET N-CH 30V 55A DPAK**IRLR3103 MOS**

IR

**IRLR2905ZTRPBF**Infineon Technologies  
MOSFET N-CH 55V 42A DPAK**IRLR3103TRLPBF**Infineon Technologies  
MOSFET N-CH 30V 55A DPAK**IRLR2908**

IR

**IRLR2908TRPBF**Infineon Technologies  
MOSFET N-CH 80V 30A DPAK**IRLR2908PBF**International Rectifier  
HEXFET POWER MOSFET**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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