

Image may be representation.
See specifications for product details.



IRFS7540TRLPBF

Manufacturer Part Number	IRFS7540TRLPBF
Manufacturer	Infineon Technologies
Allelco Part Number	32D-IRFS7540TRLPBF
ECAD Model	PCB Footprint and Symbol
Parts Description	MOSFET N-CH 60V 110A D2PAK
Package	TO-263-3, D²Pak (2 Leads + Tab), TO-263AB
Data sheet	IRFS7540TRLPBF.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

IRFS7540TRLPBF - Infineon Technologies. New Original in Stock. Download Linear Technology IRFS7540TRLPBF datasheet/specifications on AllelcoElec.com.
Request a quote for IRFS7540TRLPBF, please send us email: info@allelco.com

Specifications

IRFS7540TRLPBF Tech Specifications
IRFS7540TRLPBF - 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	3.7V @ 100µA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	4555 pF @ 25 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	130 nC @ 10 V
Supplier Device Package	PG-TO263-3	FET Type	N-Channel
Series	HEXFET®, StrongIRFET™	FET Feature	-
Rds On (Max) @ Id, Vgs	5.1mOhm @ 65A, 10V	Drive Voltage (Max Rds On, Min Rds On)	6V, 10V
Power Dissipation (Max)	160W (Tc)	Drain to Source Voltage (Vdss)	60 V
Package / Case	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB	Current - Continuous Drain (Id) @ 25°C	110A (Tc)
Package	Tape & Reel (TR)	Base Product Number	IRFS7540

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies IRFS7540TRLPBF

Product Attribute				
Part Number	IRFS7540TRLPBF	IRFS7537TRLPBF	IRFS7734TRL7PP	IRFS7730-7PPBF
Manufacturer	Infineon Technologies	Infineon Technologies	International Rectifier	International Rectifier
Supplier Device Package	PG-TO263-3	PG-TO263-3	PG-TO263-7	D2PAK
FET Feature	-	-	-	-
Operating Temperature	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Power Dissipation (Max)	160W (Tc)	230W (Tc)	294W (Tc)	375W (Tc)
Series	HEXFET®, StrongIRFET™	HEXFET®, StrongIRFET™	HEXFET®, StrongIRFET™	HEXFET®
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Vgs (Max)	±20V	±20V	±20V	±20V
Gate Charge (Qg) (Max) @ Vgs	130 nC @ 10 V	210 nC @ 10 V	270 nC @ 10 V	428 nC @ 10 V
Input Capacitance (Ciss) (Max) @ Vds	4555 pF @ 25 V	7020 pF @ 25 V	10130 pF @ 25 V	13970 pF @ 25 V
Base Product Number	IRFS7540	IRFS7537	-	-
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-263-7, D ² Pak (6 Leads + Tab)	TO-263-3, D ² Pak (2 Leads + Tab), TO-263AB
Package	Tape & Reel (TR)	Tape & Reel (TR)	Bulk	Bulk
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Continuous Drain (Id) @ 25°C	110A (Tc)	173A (Tc)	197A (Tc)	240A (Tc)
Vgs(th) (Max) @ Id	3.7V @ 100µA	3.7V @ 150µA	3.7V @ 150µA	3.7V @ 250µA
Rds On (Max) @ Id, Vgs	5.1mOhm @ 65A, 10V	3.3mOhm @ 100A, 10V	3.05mOhm @ 100A, 10V	2mOhm @ 100A, 10V
Drive Voltage (Max Rds On, Min Rds On)	6V, 10V	6V, 10V	6V, 10V	-
Drain to Source Voltage (Vdss)	60 V	60 V	75 V	75 V

IRFS7540TRLPBF Datasheet PDF

Download IRFS7540TRLPBF pdf datasheets and Infineon Technologies documentation for IRFS7540TRLPBF - 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

 IRFS7540 IR	 IRFS7537TRLPBF Infineon Technologies MOSFET N-CH 60V 173A D2PAK	 IRFS7734TRL7PP International Rectifier IRFS7734 - 12V-300V N-CHANNEL PO	 IRFS7730-7PPBF International Rectifier MOSFET N-CH 75V 240A D2PAK	 IRFS7787PBF International Rectifier MOSFET N-CH 75V 76A TO263-3-2	 IRFS7730TRL7PP Infineon Technologies MOSFET N-CH 75V 240A D2PAK
 IRFS7730PBF International Rectifier MOSFET N-CH 75V 195A D2PAK	 IRFS7537PBF International Rectifier HEXFET POWER MOSFET	 IRFS7734TRLPBF Infineon Technologies MOSFET N-CH 75V 183A D2PAK	 IRFS7534-7P Cypress Semiconductor (Infineon Technologies)	 IRFS7534TRL7PP Infineon Technologies MOSFET N CH 60V 240A D2PAK	 IRFS7730TRLPBF Infineon Technologies MOSFET N-CH 75V 195A D2PAK
 IRFS7534PBF Infineon Technologies MOSFET N CH 60V 195A D2PAK	 IRFS7530TRLPBF Infineon Technologies MOSFET N CH 60V 195A D2PAK	 IRFS7730 IR	 IRFS7534 IR	 IRFS7530TRLPBF MOS IR	 IRFS7534TRLPBF Infineon Technologies MOSFET N CH 60V 195A 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.

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Certifications & Memberships



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Contact us

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