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See specifications for product details.



IRLR8726TRLPBF

Manufacturer Part Number	IRLR8726TRLPBF
Manufacturer	Infineon Technologies
Allelco Part Number	32D-IRLR8726TRLPBF
ECAD Model	Request Free CAD Models
Parts Description	MOSFET N-CH 30V 86A DPAK
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Data sheet	IRLR8726TRLPBF.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

IRLR8726TRLPBF - Infineon Technologies. New Original in Stock. Download Linear Technology IRLR8726TRLPBF datasheet/specifications on AllelcoElec.com.
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Specifications

IRLR8726TRLPBF Tech Specifications

IRLR8726TRLPBF - 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	2.35V @ 50µA	Mounting Type	Surface Mount
Vgs (Max)	±20V	Input Capacitance (Ciss) (Max) @ Vds	2150 pF @ 15 V
Technology	MOSFET (Metal Oxide)	Gate Charge (Qg) (Max) @ Vgs	23 nC @ 4.5 V
Supplier Device Package	D-Pak	FET Type	N-Channel
Series	HEXFET®	FET Feature	-
Rds On (Max) @ Id, Vgs	5.8mOhm @ 25A, 10V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Power Dissipation (Max)	75W (Tc)	Drain to Source Voltage (Vdss)	30 V
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	Current - Continuous Drain (Id) @ 25°C	86A (Tc)
Package	Tape & Reel (TR)	Base Product Number	IRLR8726

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies IRLR8726TRLPBF

Product Attribute				
Part Number	IRLR8726TRLPBF	IRLR8729PBF	IRLR8729TRPBF	IRLR8729TRLPBF
Manufacturer	Infineon Technologies	International Rectifier	Infineon Technologies	International Rectifier
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)	-55°C ~ 175°C (TJ)
Input Capacitance (Ciss) (Max) @ Vds	2150 pF @ 15 V	1350 pF @ 15 V	1350 pF @ 15 V	1350 pF @ 15 V
Power Dissipation (Max)	75W (Tc)	55W (Tc)	55W (Tc)	55W (Tc)
FET Feature	-	-	-	-
Technology	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)	MOSFET (Metal Oxide)
Base Product Number	IRLR8726	-	IRLR8729	IRLR8729
FET Type	N-Channel	N-Channel	N-Channel	N-Channel
Current - Continuous Drain (Id) @ 25°C	86A (Tc)	58A (Tc)	58A (Tc)	58A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V	-	4.5V, 10V	4.5V, 10V
Gate Charge (Qg) (Max) @ Vgs	23 nC @ 4.5 V	16 nC @ 4.5 V	16 nC @ 4.5 V	16 nC @ 4.5 V
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 (Max)	±20V	±20V	±20V	±20V
Series	HEXFET®	HEXFET®	HEXFET®	HEXFET®
Drain to Source Voltage (Vdss)	30 V	30 V	30 V	30 V
Supplier Device Package	D-Pak	TO-252AA	D-Pak	D-Pak
Package	Tape & Reel (TR)	Bulk	Tape & Reel (TR)	Bulk
Rds On (Max) @ Id, Vgs	5.8mOhm @ 25A, 10V	8.9mOhm @ 25A, 10V	8.9mOhm @ 25A, 10V	8.9mOhm @ 25A, 10V
Vgs(th) (Max) @ Id	2.35V @ 50µA	2.35V @ 25µA	2.35V @ 25µA	2.35V @ 25µA

IRLR8726TRLPBF Datasheet PDF

Download IRLR8726TRLPBF pdf datasheets and Infineon Technologies documentation for IRLR8726TRLPBF - Infineon Technologies.

Other Related Documents

Part Number Guide.pdf

PCN Design/Specification

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

Mult Dev Label Chgs Aug/2020.pdf

PCN Packaging

Mult Dev Label Chgs 18/Feb/2020.pdf

Packing Material Update 16/Sep/2016.pdf

PCN Other

Mult Dev Lot Code Standardization 11/Nov/2022.pdf

PCN Assembly/Origin

Mult Mosfet Test/Fab Add 9/Oct/2017.pdf

Customers Also Interested in

Recommended Products



IRLR8729PBF International Rectifier MOSFET N-CH 30V 58A DPAK

IRLR8729TRPBF Infineon Technologies MOSFET N-CH 30V 58A DPAK

IRLR8726 MOS IR

IRLR8729TRLPBF International Rectifier IRLR8729 - 20V-30V N-CHANNEL

IRLR8726PBF International Rectifier MOSFET N-CH 30V 86A DPAK

IRLR8713TRPBF MOS IR



IRLR8715C IR

IRLR8729TRPBF MOS Fairchild (onsemi)

IRLR8726 IR

IRLR8729 MOS IR

IRLR8726TRPBF Infineon Technologies MOSFET N-CH 30V 86A DPAK

IRLR8721TRPBF Infineon Technologies MOSFET N-CH 30V 65A DPAK



IRLR8721 IR

IRLR8726TRBF LNFINEON

IRLR8729TR IR

IRLR8729PBF MOS IR

IRLR8729 IR

IRLR8726TRPBF MOS Cypress Semiconductor (Infineon Technologies)

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.

Table with 3 columns: Region, Country, Logistic Time(Day). Rows include America (USA, Brazil), Europe (Germany, UK, Italy), Oceania (Australia, NZ), Asia (India, Japan), Middle East (Israel).

Table with 2 columns: Shipment charges(KG), Reference DHL(USD\$). Rows show weight ranges from 0.00kg-1.00kg to 2.00kg-3.00kg.

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.



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Cost-Saving Procurement (truck icon)
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Certifications & Memberships



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