

Image may be representation.
See specifications for product details.



IRS4428SPBF

Manufacturer Part Number	IRS4428SPBF
Manufacturer	Infineon Technologies
Allelco Part Number	32D-IRS4428SPBF
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC GATE DRVR LOW-SIDE 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	IRS4428SPBF.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

IRS4428SPBF - Infineon Technologies.New Original in Stock. Download Linear Technology IRS4428SPBF datasheet/specifications on AllelcoElec.com.
Request a quote for IRS4428SPBF, please send us email: info@allelco.com

Specifications

IRS4428SPBF Tech Specifications

IRS4428SPBF - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Mounting Type	Surface Mount
Voltage - Supply	6V ~ 20V	Logic Voltage - VIL, VIH	0.8V, 2.5V
Supplier Device Package	8-SOIC	Input Type	Inverting, Non-Inverting
Series	-	Gate Type	IGBT, N-Channel MOSFET
Rise / Fall Time (Typ)	25ns, 25ns	Driven Configuration	Low-Side
Package / Case	8-SOIC (0.154", 3.90mm Width)	Current - Peak Output (Source, Sink)	2.3A, 3.3A
Package	Tube	Channel Type	Independent
Operating Temperature	-40°C ~ 150°C (TJ)	Base Product Number	IRS4428
Number of Drivers	2		

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies IRS4428SPBF

Product Attribute				
Part Number	IRS4428SPBF	IRS4428STRPBF	IRS4427STRPBF	IRS44273LTRPBF
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Series	-	-	-	µHVIC™
Base Product Number	IRS4428	IRS4428	IRS4427	IRS44273
Driven Configuration	Low-Side	Low-Side	Low-Side	Low-Side
Input Type	Inverting, Non-Inverting	Inverting, Non-Inverting	Non-Inverting	Non-Inverting
Voltage - Supply	6V ~ 20V	6V ~ 20V	6V ~ 20V	10.2V ~ 20V
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	SC-74A, SOT-753
Rise / Fall Time (Typ)	25ns, 25ns	25ns, 25ns	25ns, 25ns	25ns, 25ns
Current - Peak Output (Source, Sink)	2.3A, 3.3A	2.3A, 3.3A	2.3A, 3.3A	1.5A, 1.5A
Channel Type	Independent	Independent	Independent	Single
Number of Drivers	2	2	2	1
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Gate Type	IGBT, N-Channel MOSFET	IGBT, N-Channel MOSFET	IGBT, N-Channel MOSFET	IGBT, N-Channel MOSFET
Logic Voltage - VIL, VIH	0.8V, 2.5V	0.8V, 2.5V	0.8V, 2.5V	0.8V, 2.5V
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	SOT-23-5

IRS4428SPBF Datasheet PDF

Download IRS4428SPBF pdf datasheets and Infineon Technologies documentation for IRS4428SPBF - Infineon Technologies.

Other Related Documents

Part Number Guide.pdf

PCN Design/Specification

Cylindrical Battery Holders.pdf

PCN Assembly/Origin

2.73KHz.pdf

PCN Packaging

2.73KHz.pdf














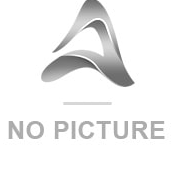





Assembly/Device Status 6/Jul/2016.pdf



Assembly/Device Status Rev1 6/Jul/2016.pdf

Customers Also Interested in

Recommended Products

 IRS4427STRPBF Infineon Technologies IC GATE DRVR LOW-SIDE 8SOIC	 IRS4459TRPBF. IR	 IRS4427SPBF Infineon Technologies IC GATE DRVR LOW-SIDE 8SOIC	 IRS4427PBF Infineon Technologies IC GATE DRVR LOW-SIDE 8DIP	 IRS4427S IR	 IRS4427STR IOR
 IRS4427STRPBF Infineon Technologies IC GATE DRVR LOW-SIDE 8SOIC	 IRS44273LTRPBF Infineon Technologies IC GATE DRVR LOW-SIDE SOT23-5	 IRS4427PBF Infineon Technologies IC GATE DRVR LOW-SIDE 8DIP	 IRS4427SPBF Infineon Technologies IC GATE DRVR LOW-SIDE 8SOIC	 IRS4427STRPBF. IR	
 IRS4428PBF IR	 IRS4428STRPBF. IR	 IRS4428PBF Infineon Technologies IC PWR DRIVER N-CHAN 1:1 TO220AB	 IRS4458TRPBF IR	 IRS4428PBF Infineon Technologies IC PWR SWITCH N-CHAN 1:1 TO220AB	 IRS4427S S4427 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.

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


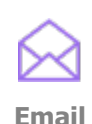
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



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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