

Image may be representation.
See specifications for product details.



IR3899MTRPBF

Manufacturer Part Number	IR3899MTRPBF
Manufacturer	Infineon Technologies
Allelco Part Number	32D-IR3899MTRPBF
ECAD Model	PCB Footprint and Symbol
Parts Description	IC REG BUCK ADJUSTABLE 9A 16PQFN
Package	16-PowerVQFN
Data sheet	IR3899.pdf
	IR3899.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

IR3899MTRPBF - Infineon Technologies. New Original in Stock. Download Linear Technology IR3899MTRPBF datasheet/specifications on AllelcoElec.com.
Request a quote for IR3899MTRPBF, please send us email: info@allelco.com

Specifications

IR3899MTRPBF Tech Specifications

IR3899MTRPBF - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Package	Tape & Reel (TR)
Voltage - Output (Min/Fixed)	0.5V	Output Type	Adjustable
Voltage - Output (Max)	18.06V	Output Configuration	Positive
Voltage - Input (Min)	1V	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Input (Max)	21V	Number of Outputs	1
Topology	Buck	Mounting Type	Surface Mount
Synchronous Rectifier	Yes	Function	Step-Down
Supplier Device Package	16-PQFN (4x5)	Frequency - Switching	300kHz ~ 1.5MHz
Series	SupIRBuck®	Current - Output	9A
Package / Case	16-PowerVQFN	Base Product Number	IR3899

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies IR3899MTRPBF

Product Attribute				
Part Number	IR3899MTRPBF	IR3897MTRPBF	IR3895MTRPBF	IR3899AMTRPBFAUMA1
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Synchronous Rectifier	Yes	Yes	Yes	Yes
Number of Outputs	1	1	1	1
Voltage - Input (Min)	1V	1V	1V	4.5V
Voltage - Input (Max)	21V	21V	21V	17V
Frequency - Switching	300kHz ~ 1.5MHz	300kHz ~ 1.5MHz	300kHz ~ 1.5MHz	600kHz ~ 2MHz
Function	Step-Down	Step-Down	Step-Down	Step-Down
Base Product Number	IR3899	IR3897	IR3895	-
Series	SupIRBuck®	SupIRBuck®	SupIRBuck®	-
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)
Supplier Device Package	16-PQFN (4x5)	16-PowerQFN	16-PowerQFN	PG-IQFN-24-901
Output Configuration	Positive	Positive	Positive	Positive
Voltage - Output (Max)	18.06V	18.06V	18.06V	6V
Output Type	Adjustable	Adjustable	Adjustable	Adjustable
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Output	9A	4A	16A	9A
Package / Case	16-PowerVQFN	16-PowerVQFN	16-PowerVQFN	24-PowerVQFN
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Output (Min/Fixed)	0.5V	0.5V	0.5V	0.6V
Topology	Buck	Buck	Buck	Buck

IR3899MTRPBF Datasheet PDF

Download IR3899MTRPBF pdf datasheets and Infineon Technologies documentation for IR3899MTRPBF - Infineon Technologies.


Datasheets

IR3899.pdf


Other Related Documents

Part Number Guide.pdf

PCN Design/Specification

 Mult Dev Label Chgs Aug/2020.pdf

PCN Packaging

 Packing Material Update 16/Sep/2016.pdf

 Barcode Label Update 24/Feb/2017.pdf

PCN Obsolescence/ EOL

 Mult Dev EOL 7/Apr/2020.pdf

PCN Assembly/Origin



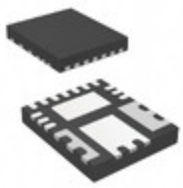



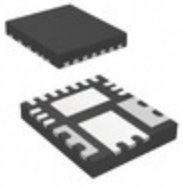
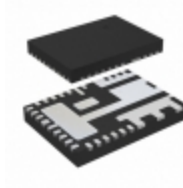

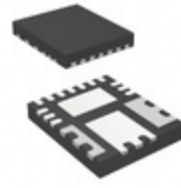



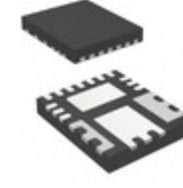




 Additional Test Site 01/Aug/2014.pdf

HTML Datasheet

 IR3899.pdf

Customers Also Interested in

Recommended Products

 IR3C07 Sharp Microelectronics	 IR3C08 Sharp Microelectronics	 IR3897MTRPBF Infineon Technologies IC REG BUCK ADJUSTABLE 4A 16PQFN	 IR3895M IR	 IR3C02AN Sharp Microelectronics	 IR3C01 55XC Sharp Microelectronics
 IR3895MTRPBF Infineon Technologies IC REG BUCK ADJ 16A 16PQFN	 IR3899AMTRPBFAUMA1 Infineon Technologies IC REG BUCK ADJ 9A 24QFN	 IR3E02 Sharp Microelectronics	 IR3898MTRPBF Infineon Technologies IC REG BUCK ADJUSTABLE 6A 16PQFN	 IR3C01 Sharp Microelectronics	 IR3899MPBF IR
 IR3C07N Sharp Microelectronics	 IR3895MTR1PBF Infineon Technologies IC REG BUCK ADJ 16A 16PQFN	 IR3895 IR	 IR3C02A Sharp Microelectronics	 IR3899MTRIPBF IR	 IR3899AMTRPBF 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

Contact us if you have any questions.


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+00852 9146 4856


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Certifications & Memberships



View More

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