



IR3575MTRPBF

Manufacturer Part Number	IR3575MTRPBF
Manufacturer	Infineon Technologies
Allelco Part Number	32D-IR3575MTRPBF
ECAD Model	Request Free CAD Models
Parts Description	IC HALF BRIDGE DRIVER 60A 32QFN
Package	32-PowerWFQFN
Data sheet	IR3575.pdf IR3575.pdf
RoHS Status	ROHS3 Compliant



Get a Quote

IR3575MTRPBF - Infineon Technologies. New Original in Stock. Download Linear Technology IR3575MTRPBF datasheet/specifications on AllelcoElec.com.
Request a quote for IR3575MTRPBF, please send us email: info@allelco.com

Specifications

IR3575MTRPBF Tech Specifications

IR3575MTRPBF - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Supply	4.5V ~ 7V	Mounting Type	Surface Mount
Voltage - Load	4.5V ~ 15V	Load Type	Inductive
Technology	Power MOSFET	Interface	PWM
Supplier Device Package	32-PQFN (6x6)	Features	Bootstrap Circuit, Diode Emulation, Status Flag
Series	PowIRstage®	Fault Protection	Over Temperature, UVLO
Rds On (Typ)	-	Current - Peak Output	90A
Package / Case	32-PowerWFQFN	Current - Output / Channel	60A
Package	Tape & Reel (TR)	Base Product Number	IR3575
Output Configuration	Half Bridge	Applications	Synchronous Buck Converters, Voltage Regulators

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies IR3575MTRPBF

Product Attribute				
Part Number	IR3575MTRPBF	IR3578MTRPBF	IR3579AMTRPBF	IR3566B
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Cypress Semiconductor (Infineon Technologies)
Series	PowIRstage®	PowIRstage®	PowIRstage®	-
Operating Temperature	-40°C ~ 125°C (TJ)	-	-	-
Technology	Power MOSFET	-	-	-
Load Type	Inductive	Inductive	Inductive	-
Voltage - Load	4.5V ~ 15V	4.5V ~ 15V	4.5V ~ 15V	-
Output Configuration	Half Bridge	-	-	-
Base Product Number	IR3575	IR3578	IR3579	-
Current - Peak Output	90A	-	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	-
Fault Protection	Over Temperature, UVLO	Current Limiting, Over Temperature, Over Voltage, UVLO	Current Limiting, Over Temperature, UVLO	-
Interface	PWM	PWM	PWM	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	-
Voltage - Supply	4.5V ~ 7V	4.5V ~ 7V	4.5V ~ 7V	-
Current - Output / Channel	60A	50A	60A	-
Package / Case	32-PowerWFQFN	30-PowerVFQFN	30-PowerVFQFN	-
Supplier Device Package	32-PQFN (6x6)	30-PQFN (6x6)	30-PQFN (6x6)	-
Rds On (Typ)	-	-	-	-
Applications	Synchronous Buck Converters, Voltage Regulators	Synchronous Buck Converters, Voltage Regulators	Synchronous Buck Converters, Voltage Regulators	-
Features	Bootstrap Circuit, Diode Emulation, Status Flag	Diode Emulation, Status Flag	Diode Emulation, Status Flag	-

IR3575MTRPBF Datasheet PDF

Download IR3575MTRPBF pdf datasheets and Infineon Technologies documentation for IR3575MTRPBF - Infineon Technologies.

Datasheets

IR3575.pdf

Other Related Documents

Part Number Guide.pdf

PCN Assembly/Origin


 Backend Wafer Transfer 23/Oct/2013.pdf

PCN Design/Specification

 Mult Dev DC/Mark Chgs 20/Jul/2022.pdf

 Mult Dev Lot Chgs 25/May/2021.pdf

PCN Packaging

 Mult Dev Lot No Format Chg 6/Apr/2018.pdf

PCN Obsolescence/ EOL

 Mult Dev EOL 7/Apr/2020.pdf

HTML Datasheet

 IR3575.pdf

Customers Also Interested in

Recommended Products



IR3566B

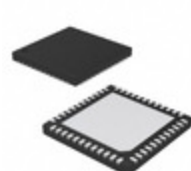
Cypress Semiconductor
(Infineon Technologies)



NO PICTURE

IR3575MTRPBF.

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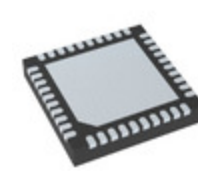
IR3581MTRPBF

Infineon Technologies
IC REG CTRLR INTEL 2OUT 48QFN



IR3566BMFC05TRP

Cypress Semiconductor
(Infineon Technologies)



IR3570BMTRPBF

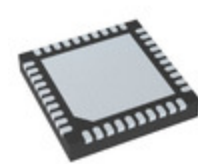
Infineon Technologies
IC REG CTRLR INTEL 2OUT 40QFN



NO PICTURE

IR3570BMCC01TRP

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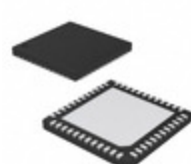
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Infineon Technologies
IC REG CTRLR INTEL 2OUT 40QFN



IR3567BMTRPBF

Infineon Technologies
IC REG CTRLR INTEL 2OUT 56QFN



IR3566BMTRPBF

Infineon Technologies
IC REG CTRLR INTEL 2OUT 48QFN



IR3583MTRPBF

Infineon Technologies
IC CONTROLLER



NO PICTURE

IR3581MTRPBF.

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IR3578MTRPBF

Infineon Technologies
IC REG BUCK SYNC ADJ 30PQFN



NO PICTURE

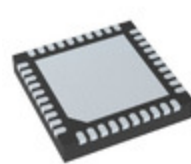
IR3570B

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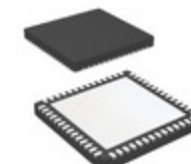
IR3579AMTRPBF

Infineon Technologies
IC REG BUCK SYNC ADJ 30PQFN



IR3584MTRPBF

Infineon Technologies
IC REG CTRLR INTEL 2OUT 40QFN



IR3567AMTRPBF

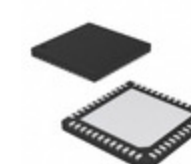
Infineon Technologies
IC REG CTRLR INTEL 2OUT 56QFN



NO PICTURE

IR3580MGB01TRPBF

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IR3566BMTR1PBF

Infineon Technologies
IC REG CTRLR INTEL 2OUT 48QFN

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.

Certifications & Memberships





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