

Image may be representation.
See specifications for product details.



IR38060MBC01TRP

Manufacturer Part Number	IR38060MBC01TRP
Manufacturer	Infineon Technologies
Allelco Part Number	32D-IR38060MBC01TRP
ECAD Model	Request Free CAD Models
Parts Description	IC REG BUCK ADJUSTABLE 6A 35QFN
Package	35-PowerVQFN
Data sheet	IR38060, 111-4188PBF.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

IR38060MBC01TRP - Infineon Technologies. New Original in Stock. Download Linear Technology IR38060MBC01TRP datasheet/specifications on AllelcoElec.com. Request a quote for IR38060MBC01TRP, please send us email: info@allelco.com

Specifications

IR38060MBC01TRP Tech Specifications
IR38060MBC01TRP - 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)	18.38V	Output Configuration	Positive
Voltage - Input (Min)	1.2V	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	35-PQFN (5x6)	Frequency - Switching	400kHz ~ 1.5MHz
Series	SupIRBuck®	Current - Output	6A
Package / Case	35-PowerVQFN	Base Product Number	IR38060

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies IR38060MBC01TRP

Product Attribute				
Part Number	IR38060MBC01TRP	IR3802AMTRPBF	IR3802MTRPBF	IR3810MTR1PBF
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Current - Output	6A	6A	4A	12A
Supplier Device Package	35-PQFN (5x6)	PQFN (5x6)	PQFN (5x6)	PQFN (5x6)
Output Type	Adjustable	Adjustable	Adjustable	Adjustable
Synchronous Rectifier	Yes	Yes	Yes	Yes
Voltage - Input (Min)	1.2V	2.5V	2.5V	2.5V
Output Configuration	Positive	Positive	Positive	Positive
Voltage - Input (Max)	21V	21V	21V	21V
Voltage - Output (Min/Fixed)	0.5V	0.6V	0.6V	0.6V
Frequency - Switching	400kHz ~ 1.5MHz	300kHz	600kHz	600kHz
Package / Case	35-PowerVQFN	15-PowerVQFN	15-PowerVQFN	15-PowerVQFN
Base Product Number	IR38060	IR3802	IR3802	IR3810
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)
Topology	Buck	Buck	Buck	Buck
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Function	Step-Down	Step-Down	Step-Down	Step-Down
Voltage - Output (Max)	18.38V	12V	12V	12V
Number of Outputs	1	1	1	1
Series	SupIRBuck®	SupIRBuck®	SupIRBuck®	SupIRBuck®

IR38060MBC01TRP Datasheet PDF

Download IR38060MBC01TRP pdf datasheets and Infineon Technologies documentation for IR38060MBC01TRP - Infineon Technologies.

Datasheets

IR38060, 111-4188PBF.pdf

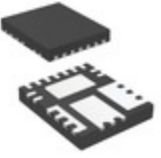
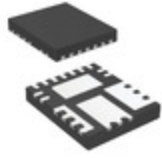
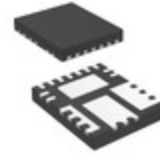




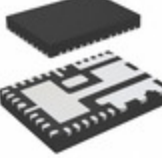
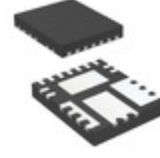


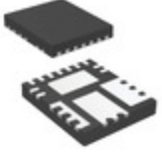

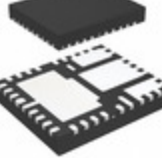
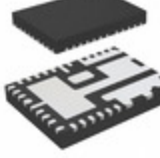
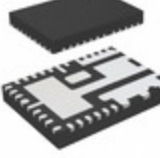
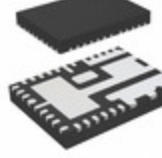

PCN Design/Specification

Mult Dev Label Chgs Aug/2020.pdf

Mult Dev Lot Chgs 25/May/2021.pdf

Customers Also Interested in

Recommended Products

					
IR3802AMTRPBF Infineon Technologies IC REG BUCK ADJUSTABLE 6A PQFN	IR3802MTRPBF Infineon Technologies IC REG BUCK ADJUSTABLE 4A PQFN	IR3810MTR1PBF Infineon Technologies IC REG BUCK ADJUSTABLE 12A PQFN	IR3810AM IR	IR3802AMTROBF. IR	IR3802AMTROBF IR
					
IR3802M IR	IR38063MTRPBF Infineon Technologies IC REG BUCK ADJ 25A 34PQFN	IR3802AMTR1PBF Infineon Technologies IC REG BUCK ADJUSTABLE 6A PQFN	IR3802MTRPBF. IR	IR3802A IR	IR3810MTRPBF Infineon Technologies IC REG BUCK ADJUSTABLE 12A PQFN
					
IR3810MTRPBF. IR	IR38060MTRPBF Infineon Technologies IC REG BUCK ADJUSTABLE 6A 35QFN	IR38063MBC01TRP Infineon Technologies IC REG BUCK ADJ 25A 34PQFN	IR38064MTRPBF Infineon Technologies IC REG BUCK ADJ 35A 34PQFN	IR38062MTRPBF Infineon Technologies IC REG BUCK ADJ 15A 34PQFN	IR3802AM IR

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.



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 Cost-Saving Procurement
 Fast Sourcing & Delivery

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Certifications & Memberships



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