

Image may be representation.
See specifications for product details.



MIC4680-3.3YM-TR

Manufacturer Part Number	MIC4680-3.3YM-TR
Manufacturer	Microchip Technology
Allelco Part Number	32D-MIC4680-3.3YM-TR
ECAD Model	Request Free CAD Models
Parts Description	IC REG BUCK 3.3V 1.3A 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	MIC4680.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MIC4680-3.3YM-TR - Microchip Technology. New Original in Stock. Download Linear Technology MIC4680-3.3YM-TR datasheet/specifications on AllelcoElec.com. Request a quote for MIC4680-3.3YM-TR, please send us email: info@allelco.com

Specifications

MIC4680-3.3YM-TR Tech Specifications
MIC4680-3.3YM-TR - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Package	Tape & Reel (TR)
Voltage - Output (Min/Fixed)	3.3V	Output Type	Fixed
Voltage - Output (Max)	-	Output Configuration	Positive
Voltage - Input (Min)	4V	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Input (Max)	34V	Number of Outputs	1
Topology	Buck	Mounting Type	Surface Mount
Synchronous Rectifier	No	Function	Step-Down
Supplier Device Package	8-SOIC	Frequency - Switching	200kHz
Series	SuperSwitcher™	Current - Output	1.3A
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	MIC4680

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MIC4680-3.3YM-TR

Product Attribute				
Part Number	MIC4680-3.3YM-TR	MIC4680BM	MIC4680YM	MIC4680-5.0YM
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Frequency - Switching	200kHz	200kHz	200kHz	200kHz
Voltage - Output (Min/Fixed)	3.3V	1.23V	1.23V	5V
Synchronous Rectifier	No	No	No	No
Base Product Number	MIC4680	MIC4680	MIC4680	MIC4680
Voltage - Input (Max)	34V	34V	34V	34V
Number of Outputs	1	1	1	1
Series	SuperSwitcher™	SuperSwitcher™	SuperSwitcher™	SuperSwitcher™
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
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
Voltage - Input (Min)	4V	4V	4V	4V
Voltage - Output (Max)	-	32.98V	32.98V	-
Function	Step-Down	Step-Down	Step-Down	Step-Down
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-SOIC
Package	Tape & Reel (TR)	Tube	Tube	Tube
Output Type	Fixed	Adjustable	Adjustable	Fixed
Output Configuration	Positive	Positive	Positive	Positive
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Current - Output	1.3A	1.3A	1.3A	1.3A

MIC4680-3.3YM-TR Datasheet PDF

Download MIC4680-3.3YM-TR pdf datasheets and Microchip Technology documentation for MIC4680-3.3YM-TR - Microchip Technology.

PCN Assembly/Origin

Manufacturing Change 26/Mar/2021.pdf

PCN Part Number

Micrel to Microchip PN Changes 7/Oct/2015.pdf

PCN Packaging

MBB/Label Chgs 16/Nov/2018.pdf

HTML Datasheet


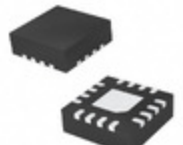




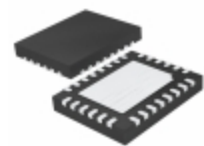











MIC4680.pdf

PCN Design/Specification

MIC4680 23/Nov/2021.pdf

Customers Also Interested in

Recommended Products

 MIC4605-2YM-TR Microchip Technology IC GATE DRVR HALF-BRIDGE 8SOIC	 MIC4606-1YML-T5 Microchip Technology IC GATE DRVR HALF-BRIDGE 16QFN	 MIC4605-2YM/TR Micrel / Microchip Technology	 MIC4680BM Microchip Technology IC REG BUCK ADJ 1.3A 8SOIC	 MIC4680YM Microchip Technology IC REG BUCK ADJ 1.3A 8SOIC	 MIC4680-5.0YM Microchip Technology IC REG BUCK 5V 1.3A 8SOIC
 MIC4607-1YML-T5 Microchip Technology IC GATE DRVR HALF-BRIDGE 28QFN	 MIC4680-5.0YM-TR Microchip Technology IC REG BUCK 5V 1.3A 8SOIC	 MIC4680BM/TR Micrel / Microchip Technology	 MIC4680-3.3YM Microchip Technology IC REG BUCK 3.3V 1.3A 8SOIC	 MIC4680BMT Micrel / Microchip Technology	 MIC4605-2YMT-TR Microchip Technology IC GATE DRVR HALF-BRIDGE 10TDFN
 MIC4609YWM-TR Microchip Technology IC GATE DRVR HALF-BRIDGE 28SOIC	 MIC4680-5.0BM Microchip Technology IC REG BUCK 5V 1.3A 8SOIC	 MIC4680-3.3BM Microchip Technology IC REG BUCK 3.3V 1.3A 8SOIC	 MIC4680BMTR Microchip Technology 1 AMP 200KHZ SUPERSWITCHER BUCK	 MIC4680YM-TR Microchip Technology IC REG BUCK ADJ 1.3A 8SOIC	 MIC4680-50YM Micrel / Microchip Technology

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



View More

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