

Image may be representation.
See specifications for product details.



MIC39102YM-TR

Manufacturer Part Number	MIC39102YM-TR
Manufacturer	Microchip Technology
Allelco Part Number	32D-MIC39102YM-TR
ECAD Model	Request Free CAD Models
Parts Description	IC REG LINEAR POS ADJ 1A 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	MIC39100, MIC39101, MIC39102.pdf
RoHs Status	ROHS3 Compliant

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MIC39102YM-TR - Microchip Technology. New Original in Stock. Download Linear Technology MIC39102YM-TR datasheet/specifications on AllelcoElec.com. Request a quote for MIC39102YM-TR, please send us email: info@allelco.com

Specifications

MIC39102YM-TR Tech Specifications

MIC39102YM-TR - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	PSRR	-
Voltage Dropout (Max)	0.63V @ 1A	Output Type	Adjustable
Voltage - Output (Min/Fixed)	1.24V	Output Configuration	Positive
Voltage - Output (Max)	16V	Operating Temperature	-40°C ~ 125°C
Voltage - Input (Max)	16V	Number of Regulators	1
Supplier Device Package	8-SOIC	Mounting Type	Surface Mount
Series	-	Current - Output	1A
Protection Features	Over Current, Over Temperature, Reverse Polarity	Control Features	Enable
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	MIC39102
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MIC39102YM-TR

Product Attribute				
Part Number	MIC39102YM-TR	MIC39150-2.5BT	MIC39102BM	MIC39101-5.0BM
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Output Configuration	Positive	Positive	Positive	Positive
Output Type	Adjustable	Fixed	Adjustable	Fixed
Current - Output	1A	1.5A	1A	1A
Package / Case	8-SOIC (0.154", 3.90mm Width)	TO-220-3	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package	8-SOIC	TO-220-3	8-SOIC	8-SOIC
Base Product Number	MIC39102	MIC39150-2.5	MIC39102	MIC39101-5.0
Protection Features	Over Current, Over Temperature, Reverse Polarity	Over Current, Over Temperature, Reverse Polarity	Over Current, Over Temperature, Reverse Polarity	Over Current, Over Temperature, Reverse Polarity
PSRR	-	-	-	-
Package	Tape & Reel (TR)	Bulk	Tube	Tube
Number of Regulators	1	1	1	1
Voltage - Input (Max)	16V	16V	16V	16V
Voltage Dropout (Max)	0.63V @ 1A	0.5V @ 1.5A	0.63V @ 1A	0.63V @ 1A
Control Features	Enable	-	Enable	Enable
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Voltage - Output (Min/Fixed)	1.24V	2.5V	1.24V	5V
Voltage - Output (Max)	16V	-	16V	-
Series	-	-	-	-

MIC39102YM-TR Datasheet PDF

Download MIC39102YM-TR pdf datasheets and Microchip Technology documentation for MIC39102YM-TR - Microchip Technology.

Datasheets

[MIC39100, MIC39101, MIC39102.pdf](#)

PCN Assembly/Origin

[Manufacturing Change 26/Mar/2021.pdf](#)

PCN Part Number

[Micrel to Microchip PN Changes 7/Oct/2015.pdf](#)

PCN Packaging













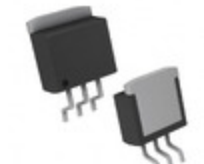
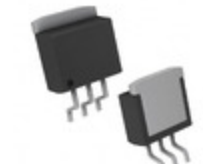




 MBB/Label Chgs 16/Nov/2018.pdf

PCN Design/Specification

 MIC39100/1/2 30/Aug/2017.pdf

Customers Also Interested in

Recommended Products

 MIC39150-2.5BT Microchip Technology IC REG LINEAR 2.5V 1.5A TO220-3	 MIC39101-5.0YM/TR Micrel / Microchip Technology	 MIC39102BM Microchip Technology IC REG LINEAR POS ADJ 1A 8SOIC	 MIC39150-1.8BUTR Micrel / Microchip Technology	 MIC39101-5.0BM Microchip Technology IC REG LINEAR 5V 1A 8SOIC	 MIC39102YMTR Micrel / Microchip Technology
 MIC39101-5.0YM Microchip Technology IC REG LINEAR 5V 1A 8SOIC	 MIC39102BMTR Micro Connectors, Inc.	 MIC39102YM Microchip Technology IC REG LINEAR POS ADJ 1A 8SOIC	 MIC39101-3.3YM/TR Micrel / Microchip Technology	 MIC39101-3.3YMTR NO PICTURE	 MIC39102BM/TR Micrel / Microchip Technology
 MIC39150-1.8BU Microchip Technology IC REG LINEAR 1.8V 1.5A TO263-3	 MIC39150-2.5BU Microchip Technology IC REG LINEAR 2.5V 1.5A TO263-3	 MIC39150-2.5BU/TR Micrel / Microchip Technology	 MIC39150-1.8WU Microchip Technology IC REG LINEAR 1.8V 1.5A TO263-3	 MIC39102YM/TR Micrel / Microchip Technology	 MIC39102BM-TR Microchip Technology IC REG LINEAR POS ADJ 1A 8SOIC

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
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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Certifications & Memberships



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