

Image may be representation.
See specifications for product details.



MIC5501-1.8YMT-TR

Manufacturer Part Number	MIC5501-1.8YMT-TR
Manufacturer	Microchip Technology
Allelco Part Number	32D-MIC5501-1.8YMT-TR
ECAD Model	Request Free CAD Models
Parts Description	IC REG LINEAR 1.8V 300MA 4TDFN
Package	4-UDFN Exposed Pad
Data sheet	MIC5501/2/3/4 Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MIC5501-1.8YMT-TR - Microchip Technology. New Original in Stock. Download Linear Technology MIC5501-1.8YMT-TR datasheet/specifications on AllelcoElec.com. Request a quote for MIC5501-1.8YMT-TR, please send us email: info@allelco.com

Specifications

MIC5501-1.8YMT-TR Tech Specifications
MIC5501-1.8YMT-TR - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Output Type	Fixed
Voltage Dropout (Max)	0.38V @ 300mA	Output Configuration	Positive
Voltage - Output (Min/Fixed)	1.8V	Operating Temperature	-40°C ~ 125°C
Voltage - Output (Max)	-	Number of Regulators	1
Voltage - Input (Max)	5.5V	Mounting Type	Surface Mount
Supplier Device Package	4-TDFN (1x1)	Current - Supply (Max)	65 µA
Series	-	Current - Quiescent (Iq)	55 µA
Protection Features	Over Current, Over Temperature	Current - Output	300mA
Package / Case	4-UDFN Exposed Pad	Control Features	Enable
Package	Tape & Reel (TR)	Base Product Number	MIC5501
PSRR	60dB (1kHz)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MIC5501-1.8YMT-TR

Product Attribute				
Part Number	MIC5501-1.8YMT-TR	MIC5504-2.2YMT-T5	MIC5504-1.8YMT-TR	MIC5393-GMYMX-TR
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature
Voltage Dropout (Max)	0.38V @ 300mA	0.38V @ 300mA	0.38V @ 300mA	0.31V @ 150mA, 0.31V @ 150mA
Base Product Number	MIC5501	MIC5504	MIC5504	MIC5393
Number of Regulators	1	1	1	2
Control Features	Enable	Enable	Enable	Enable
Series	-	-	-	-
Output Configuration	Positive	Positive	Positive	Positive
Current - Quiescent (Iq)	55 µA	55 µA	55 µA	45 µA
Voltage - Input (Max)	5.5V	5.5V	5.5V	5.5V
PSRR	60dB (1kHz)	60dB (1kHz)	60dB (1kHz)	60dB (1kHz)
Voltage - Output (Min/Fixed)	1.8V	2.2V	1.8V	1.8V, 2.8V
Supplier Device Package	4-TDFN (1x1)	4-TDFN (1x1)	4-TDFN (1x1)	6-XTDFN (1.2x1.2)
Current - Supply (Max)	65 µA	65 µA	65 µA	85 µA
Output Type	Fixed	Fixed	Fixed	Fixed
Current - Output	300mA	300mA	300mA	150mA, 150mA
Package / Case	4-UDFN Exposed Pad	4-UDFN Exposed Pad	4-UDFN Exposed Pad	6-XDFN Exposed Pad
Voltage - Output (Max)	-	-	-	-

MIC5501-1.8YMT-TR Datasheet PDF

Download MIC5501-1.8YMT-TR pdf datasheets and Microchip Technology documentation for MIC5501-1.8YMT-TR - Microchip Technology.

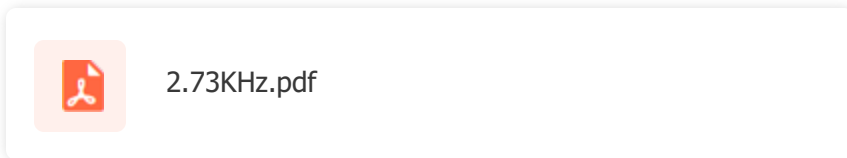
Datasheets

[MIC5501/2/3/4 Datasheet.pdf](#)

PCN Packaging

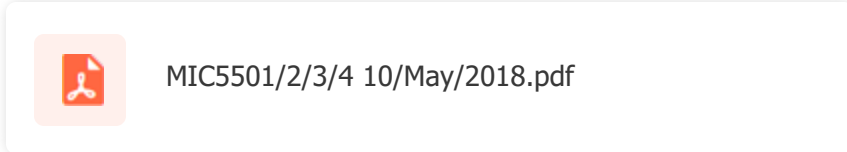
[2.73KHz.pdf](#)

PCN Part Number

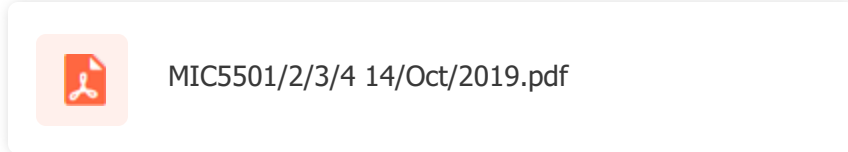


2.73KHz.pdf

PCN Design/Specification



MIC5501/2/3/4 10/May/2018.pdf



MIC5501/2/3/4 14/Oct/2019.pdf

Customers Also Interested in

Recommended Products

 MIC5393-PPYMTR Micrel / Microchip Technology	 MIC5504-2.2YMT-T5 Microchip Technology IC REG LINEAR 2.2V 300MA 4TDFN	 MIC5400YWM Microchip Technology IC LED DRIVER LINEAR 30MA 28SOIC	 MIC5504-1.8YMT-TR Microchip Technology IC REG LINEAR 1.8V 300MA 4TDFN	 MIC5392-SSYMTR Micrel / Microchip Technology	 MIC5393-GMYMX-TR Microchip Technology IC REG LINEAR 1.8V/2.8V 6XTDFN
 MIC5393-PPYMT/TR Micrel / Microchip Technology	 MIC5393-SSYMTR Micrel / Microchip Technology	 MIC5393-SGYMTTR Micrel / Microchip Technology	 MIC5504-1.8YM5-TR Microchip Technology IC REG LINEAR 1.8V 300MA SOT23-5	 MIC5392-PMYMTTR Micrel / Microchip Technology	 MIC5392-MGYMT-TR Microchip Technology IC REG LINEAR 1.8V/2.8V 6TDFN
 MIC5504-1.2YM5-TR Microchip Technology IC REG LINEAR 1.2V 300MA SOT23-5	 MIC5504-1.2YM5 Micrel / Microchip Technology	 MIC5501-3.0YM5 Micrel / Microchip Technology	 MIC5501-3.0YM5-TR Microchip Technology IC REG LINEAR 3V 300MA SOT23-5	 MIC5501-3.3YM5 Micrel / Microchip Technology	 MIC5450BV MIC

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

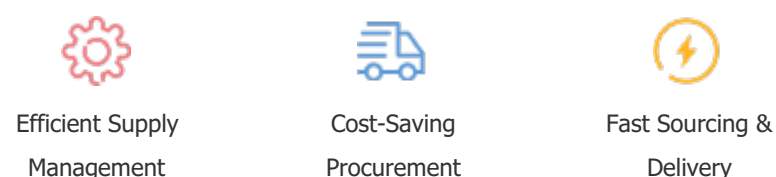
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

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 -



Contact us if you have any questions.



Certifications & Memberships



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