



Image may be representation.
See specifications for product details.



MIC5504-1.2YM5-TR

Manufacturer Part Number	MIC5504-1.2YM5-TR
Manufacturer	Microchip Technology
Allelco Part Number	32D-MIC5504-1.2YM5-TR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LINEAR 1.2V 300MA SOT23-5
Package	SC-74A, SOT-753
Data sheet	MIC5501/2/3/4 Datasheet.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MIC5504-1.2YM5-TR - Microchip Technology. New Original in Stock. Download Linear Technology MIC5504-1.2YM5-TR datasheet/specifications on AllelcoElec.com. Request a quote for MIC5504-1.2YM5-TR, please send us email: info@allelco.com

Specifications

MIC5504-1.2YM5-TR Tech Specifications
MIC5504-1.2YM5-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)	1.2V	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	SOT-23-5	Current - Supply (Max)	65 µA
Series	-	Current - Quiescent (Iq)	55 µA
Protection Features	Over Current, Over Temperature	Current - Output	300mA
Package / Case	SC-74A, SOT-753	Control Features	Enable
Package	Tape & Reel (TR)	Base Product Number	MIC5504
PSRR	60dB (1kHz)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MIC5504-1.2YM5-TR

Product Attribute				
Part Number	MIC5504-1.2YM5-TR	MIC5504-1.8YMT-TR	MIC5501-1.8YMT-TR	MIC5504-2.5YMT-TR
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Voltage - Input (Max)	5.5V	5.5V	5.5V	5.5V
Current - Output	300mA	300mA	300mA	300mA
Series	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Supply (Max)	65 µA	65 µA	65 µA	65 µA
Voltage - Output (Min/Fixed)	1.2V	1.8V	1.8V	2.5V
Base Product Number	MIC5504	MIC5504	MIC5501	MIC5504
Output Configuration	Positive	Positive	Positive	Positive
Voltage - Output (Max)	-	-	-	-
Output Type	Fixed	Fixed	Fixed	Fixed
Current - Quiescent (Iq)	55 µA	55 µA	55 µA	55 µA
PSRR	60dB (1kHz)	60dB (1kHz)	60dB (1kHz)	60dB (1kHz)
Supplier Device Package	SOT-23-5	4-TDFN (1x1)	4-TDFN (1x1)	4-DFN (1x1)
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Package / Case	SC-74A, SOT-753	4-UDFN Exposed Pad	4-UDFN Exposed Pad	4-UDFN Exposed Pad
Voltage Dropout (Max)	0.38V @ 300mA	0.38V @ 300mA	0.38V @ 300mA	0.38V @ 300mA
Number of Regulators	1	1	1	1
Control Features	Enable	Enable	Enable	Enable
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature

MIC5504-1.2YM5-TR Datasheet PDF

Download MIC5504-1.2YM5-TR pdf datasheets and Microchip Technology documentation for MIC5504-1.2YM5-TR - Microchip Technology.


Datasheets

MIC5501/2/3/4 Datasheet.pdf


PCN Packaging

Packing Changes 10/Oct/2016.pdf


PCN Assembly/Origin


 Manufacturing Change 26/Mar/2021.pdf

PCN Part Number

 Micrel to Microchip PN Changes 7/Oct/2015.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

					
MIC5504-1.8YMT-TR Microchip Technology IC REG LINEAR 1.8V 300MA 4TDFN	MIC5450BV MIC	MIC5504-1.2YM5 Micrel / Microchip Technology	MIC5504-1.8YM5 Micrel / Microchip Technology	MIC5501-1.8YMT-TR Microchip Technology IC REG LINEAR 1.8V 300MA 4TDFN	MIC5393-SSYMTR Micrel / Microchip Technology
					
MIC5504-2.5YMT-TR Microchip Technology IC REG LINEAR 2.5V 300MA 4DFN	MIC5393-SGYMTTR Micrel / Microchip Technology	MIC5504-2.2YMT-T5 Microchip Technology IC REG LINEAR 2.2V 300MA 4TDFN	MIC5501-3.3YM5 Micrel / Microchip Technology	MIC5504-2.5YMT-TZ Microchip Technology IC REG LINEAR 2.5V 300MA 4DFN	MIC5400YWM Microchip Technology IC LED DRIVER LINEAR 30MA 28SOIC
					
MIC5504-2.5YM5-TR Microchip Technology IC REG LINEAR 2.5V 300MA SOT23-5	MIC5504-1.8YM5-TR Microchip Technology IC REG LINEAR 1.8V 300MA SOT23-5	MIC5504-2.2YMT TZ Micrel / Microchip Technology	MIC5501-3.0YM5 Micrel / Microchip Technology	MIC5501-3.0YM5-TR Microchip Technology IC REG LINEAR 3V 300MA SOT23-5	MIC5393-PPYMTTR 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 Alleco 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.

-  Phone
+00852 9146 4856
-  Email
info@alleco.com

Certifications & Memberships



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