

Image may be representation.  
See specifications for product details.



## MIC37303YME-TR

Manufacturer Part Number	<b>MIC37303YME-TR</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-MIC37303YME-TR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LINEAR POS ADJ 3A 8SOIC
Package	8-SOIC (0.154', 3.90mm Width) Exposed Pad
Data sheet	MIC37303YME-TR.pdf
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MIC37303YME-TR - Microchip Technology. New Original in Stock. Download Linear Technology MIC37303YME-TR datasheet/specifications on AllelcoElec.com. Request a quote for MIC37303YME-TR, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MIC37303YME-TR Tech Specifications  
MIC37303YME-TR - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	PSRR	-
Voltage Dropout (Max)	0.55V @ 3A	Output Type	Adjustable
Voltage - Output (Min/Fixed)	1.24V	Output Configuration	Positive
Voltage - Output (Max)	5.5V	Operating Temperature	-40°C ~ 125°C
Voltage - Input (Max)	6V	Number of Regulators	1
Supplier Device Package	8-SOIC-EP	Mounting Type	Surface Mount
Series	-	Current - Output	3A
Protection Features	Over Current, Over Temperature, Reverse Polarity	Control Features	Enable
Package / Case	8-SOIC (0.154', 3.90mm Width) Exposed Pad	Base Product Number	MIC37303
Package	Tape & Reel (TR)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MIC37303YME-TR

Product Attribute				
Part Number	MIC37303YME-TR	MIC37303YML-T5	MIC37501-1.8WR	MIC37501-1.8WR-TR
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
PSRR	-	-	-	-
Number of Regulators	1	1	1	1
Voltage Dropout (Max)	0.55V @ 3A	0.55V @ 3A	0.5V @ 5A	0.5V @ 5A
Supplier Device Package	8-SOIC-EP	8-DFN (3x3)	S-PAK-7	S-PAK-7
Package / Case	8-SOIC (0.154', 3.90mm Width) Exposed Pad	8-VDFN Exposed Pad	SPak-7 (7 leads + Tab)	SPak-7 (7 leads + Tab)
Base Product Number	MIC37303	MIC37303	MIC37501	MIC37501
Voltage - Input (Max)	6V	6V	6V	6V
Current - Output	3A	3A	5A	5A
Voltage - Output (Min/Fixed)	1.24V	1.24V	1.8V	1.8V
Output Configuration	Positive	Positive	Positive	Positive
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	-	-	-	-
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Control Features	Enable	Enable	Enable	Enable
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
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Voltage - Output (Max)	5.5V	5.5V	-	-
Output Type	Adjustable	Adjustable	Fixed	Fixed

### MIC37303YME-TR Datasheet PDF

Download MIC37303YME-TR pdf datasheets and Microchip Technology documentation for MIC37303YME-TR - Microchip Technology.

#### PCN Assembly/Origin

2.73KHz.pdf

#### PCN Part Number

2.73KHz.pdf







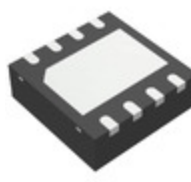
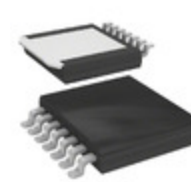


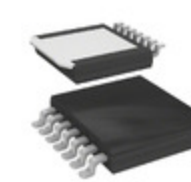
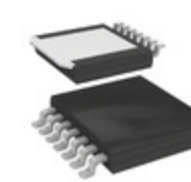


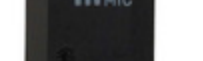





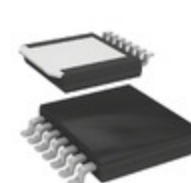


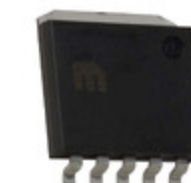








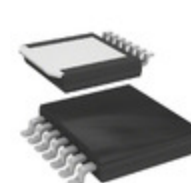


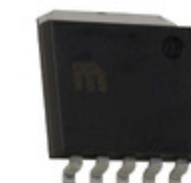
#### PCN Packaging

2.73KHz.pdf

 Cylindrical Battery Holders.pdf

**Customers Also Interested in**

**Recommended Products**

					
					
<b>MIC37303YME</b> Micrel / Microchip Technology	<b>MIC37303YML-T5</b> Microchip Technology IC REG LINEAR POS ADJ 3A 8DFN	<b>MIC37501-1.8WR</b> Microchip Technology IC REG LINEAR 1.8V 5A SPAK-7	<b>MIC37501-1.5WRTR</b> Micrel / Microchip Technology	<b>MIC37302WR/TR</b> Micrel / Microchip Technology	<b>MIC37501-1.8WR-TR</b> Microchip Technology IC REG LINEAR 1.8V 5A SPAK-7
					
					
<b>MIC37302BR/TR</b> Micrel / Microchip Technology	<b>MIC37302WU/TR</b> Micrel / Microchip Technology	<b>MIC37302BU</b> Microchip Technology IC REG LINEAR POS ADJ 3A TO263-5	<b>MIC37501-1.8WR/TR</b> Micrel / Microchip Technology	<b>MIC37501-1.5WR</b> Microchip Technology IC REG LINEAR 1.5V 5A SPAK-7	<b>MIC37501-2.5WR</b> Microchip Technology IC REG LINEAR 2.5V 5A SPAK-7
					
					
<b>MIC37501-2.5WR-TR</b> Microchip Technology IC REG LINEAR 2.5V 5A SPAK-7	<b>MIC37302WR-TR</b> Microchip Technology IC REG LINEAR POS ADJ 3A SPAK-5	<b>MIC37501-1.5BR</b> Microchip Technology IC REG LINEAR 1.5V 5A SPAK-7	<b>MIC37302WU</b> Microchip Technology IC REG LINEAR POS ADJ 3A TO263-5	<b>MIC37302WU-TR</b> Microchip Technology IC REG LINEAR POS ADJ 3A TO263-5	<b>MIC37302WR</b> Microchip Technology IC REG LINEAR POS ADJ 3A SPAK-5

**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**



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**Contact us**

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