



Image may be representation.  
See specifications for product details.



## MIC5270-3.0YM5-TR

Manufacturer Part Number	<b>MIC5270-3.0YM5-TR</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-MIC5270-3.0YM5-TR
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC REG LINEAR -3V 100MA SOT23-5
Package	SC-74A, SOT-753
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MIC5270-3.0YM5-TR - Microchip Technology. New Original in Stock. Download Linear Technology MIC5270-3.0YM5-TR datasheet/specifications on AllelcoElec.com. Request a quote for MIC5270-3.0YM5-TR, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MIC5270-3.0YM5-TR Tech Specifications  
MIC5270-3.0YM5-TR - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Output Type	Fixed
Voltage Dropout (Max)	0.9V @ 100mA	Output Configuration	Negative
Voltage - Output (Min/Fixed)	-3V	Operating Temperature	-40°C ~ 125°C
Voltage - Output (Max)	-	Number of Regulators	1
Voltage - Input (Max)	-16V	Mounting Type	Surface Mount
Supplier Device Package	SOT-23-5	Current - Supply (Max)	3 mA
Series	-	Current - Quiescent (Iq)	100 µA
Protection Features	Over Current, Over Temperature	Current - Output	100mA
Package / Case	SC-74A, SOT-753	Control Features	-
Package	Tape & Reel (TR)	Base Product Number	MIC5270
PSRR	50dB (120Hz)		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MIC5270-3.0YM5-TR

Product Attribute				
Part Number	MIC5270-3.0YM5-TR	<b>MIC5268-1.2BM5</b>	<b>MIC5268-1.2BM5TR</b>	<b>MIC5265-3.3YD5</b>
Manufacturer	Microchip Technology	Micrel Inc.	Microchip Technology	Microchip Technology
Current - Quiescent (Iq)	100 µA	150 µA	150 µA	2 µA
Series	-	-	-	-
Number of Regulators	1	1	1	1
Voltage - Output (Max)	-	-	-	-
PSRR	50dB (120Hz)	-	-	64dB ~ 62dB (1kHz ~ 100Hz)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature, Under Voltage Lockout (UVLO)	Over Current, Over Temperature, Under Voltage Lockout (UVLO)	Over Temperature, Under Voltage Lockout (UVLO)
Base Product Number	MIC5270	-	-	MIC5265
Supplier Device Package	SOT-23-5	SOT-23-5	SOT-23-5	TSOT-23-5
Package / Case	SC-74A, SOT-753	SC-74A, SOT-753	SC-74A, SOT-753	SOT-23-5 Thin, TSOT-23-5
Current - Output	100mA	150mA	150mA	150mA
Voltage Dropout (Max)	0.9V @ 100mA	-	-	0.5V @ 150mA
Voltage - Input (Max)	-16V	6V	6V	5.5V
Package	Tape & Reel (TR)	Bulk	Bulk	Bulk
Current - Supply (Max)	3 mA	-	-	150 µA
Control Features	-	Enable, Power Good	Enable, Power Good	Enable
Output Configuration	Negative	Positive	Positive	Positive
Output Type	Fixed	Fixed	Fixed	Fixed
Voltage - Output (Min/Fixed)	-3V	1.2V	1.2V	3.3V
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C

### MIC5270-3.0YM5-TR Datasheet PDF

Download MIC5270-3.0YM5-TR pdf datasheets and Microchip Technology documentation for MIC5270-3.0YM5-TR - Microchip Technology.


#### Datasheets

[Cylindrical Battery Holders.pdf](#)


#### PCN Packaging

[2.73KHz.pdf](#)

## PCN Assembly/Origin



















 2.73KHz.pdf

## PCN Part Number

 2.73KHz.pdf

## Customers Also Interested in

### Recommended Products

					
<b>MIC5270BM5</b> Micrel / Microchip Technology	<b>MIC5270-4.1BM5/TR</b> Micrel / Microchip Technology	<b>MIC5265-3.3YD5TR</b> Micrel / Microchip Technology	<b>MIC5270-4.1BM5</b> Micrel / Microchip Technology	<b>MIC5268-1.2BM5</b> Micrel Inc. IC REG LINEAR LDO W/ POWER GOOD	<b>MIC5270YM5</b>
					
<b>MIC5268-1.2YM5TR</b> Micrel / Microchip Technology	<b>MIC5270BM5TR</b> Micrel / Microchip Technology	<b>MIC5268-1.2BM5TR</b> Microchip Technology IC REG LINEAR LDO W/ POWER GOOD	<b>MIC5270-1.8BM5</b> Micrel / Microchip Technology	<b>MIC5270-3.0BM5</b> MIC	<b>MIC5265-3.3YD5</b> Microchip Technology IC REG LIN 3.3V 150MA TSOT23-5
					
<b>MIC5270-4.1YM5TR</b> Micrel / Microchip Technology	<b>MIC5270-5.0YM5-TR</b> Microchip Technology IC REG LINEAR -5V 100MA SOT23-5	<b>MIC5270-5.0YM5</b>	<b>MIC5270-5.0BM5</b> Micrel / Microchip Technology	<b>MIC5268-1.2YM5</b> Micrel Inc. IC REG LINEAR 150MA MICROCAP	<b>MIC5270-3.0YM5</b> 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

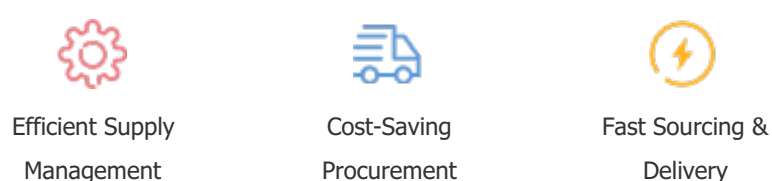
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

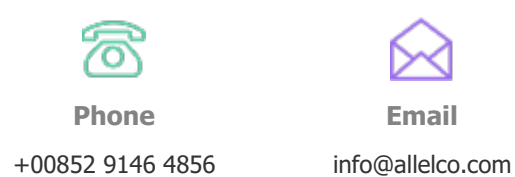
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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