

Image may be representation.  
See specifications for product details.



## MIC5239YM-TR

Manufacturer Part Number	<b>MIC5239YM-TR</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-MIC5239YM-TR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LIN POS ADJ 500MA 8SOIC
Package	8-SOIC (0.154', 3.90mm Width)
Data sheet	<a href="#">Cylindrical Battery Holders.pdf</a> <a href="#">MIC5239.pdf</a>
RoHs Status	ROHS3 Compliant

[Get a Quote](#)

MIC5239YM-TR - Microchip Technology. New Original in Stock. Download Linear Technology MIC5239YM-TR datasheet/specifications on AllelcoElec.com.  
Request a quote for MIC5239YM-TR, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MIC5239YM-TR Tech Specifications

MIC5239YM-TR - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Output Type	Adjustable
Voltage Dropout (Max)	0.35V @ 500mA (Typ)	Output Configuration	Positive
Voltage - Output (Min/Fixed)	1.24V	Operating Temperature	-40°C ~ 125°C
Voltage - Output (Max)	20V	Number of Regulators	1
Voltage - Input (Max)	30V	Mounting Type	Surface Mount
Supplier Device Package	8-SOIC	Current - Supply (Max)	15 mA
Series	-	Current - Quiescent (Iq)	45 µA
Protection Features	Over Current, Over Temperature, Over Voltage, Reverse Polarity	Current - Output	500mA
Package / Case	8-SOIC (0.154', 3.90mm Width)	Control Features	Enable
Package	Tape & Reel (TR)	Base Product Number	MIC5239
PSRR	-		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MIC5239YM-TR

Product Attribute				
Part Number	MIC5239YM-TR	MIC5239-5.0YMM	MIC5239-5.0YSTR	MIC5245-2.5YM5-TR
Manufacturer	Microchip Technology	Microchip Technology	Micrel Inc.	Microchip Technology
Protection Features	Over Current, Over Temperature, Over Voltage, Reverse Polarity	Over Current, Over Temperature, Over Voltage, Reverse Polarity	Over Current, Over Temperature, Over Voltage, Reverse Polarity	Over Current, Over Temperature, Under Voltage Lockout (UVLO)
Package	Tape & Reel (TR)	Tube	Bulk	Tape & Reel (TR)
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C (TJ)	-40°C ~ 125°C
Voltage - Output (Max)	20V	-	-	-
Control Features	Enable	Enable	-	Enable
Number of Regulators	1	1	1	1
Series	-	-	-	-
Package / Case	8-SOIC (0.154', 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	TO-261-4, TO-261AA	SC-74A, SOT-753
Current - Output	500mA	500mA	500mA	150mA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	8-SOIC	8-MSOP	SOT-223-3	SOT-23-5
PSRR	-	-	-	50dB (120Hz)
Voltage - Output (Min/Fixed)	1.24V	5V	5V	2.5V
Current - Quiescent (Iq)	45 µA	45 µA	45 µA	150 µA
Output Configuration	Positive	Positive	Positive	Positive
Voltage - Input (Max)	30V	30V	30V	6V
Voltage Dropout (Max)	0.35V @ 500mA (Typ)	0.35V @ 500mA (Typ)	-	0.25V @ 150mA
Base Product Number	MIC5239	MIC5239	-	MIC5245
Current - Supply (Max)	15 mA	15 mA	15 mA	-
Output Type	Adjustable	Fixed	Fixed	Fixed

### MIC5239YM-TR Datasheet PDF

Download MIC5239YM-TR pdf datasheets and Microchip Technology documentation for MIC5239YM-TR - Microchip Technology.

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### PCN Assembly/Origin

2.73KHz.pdf

### PCN Part Number

2.73KHz.pdf

### PCN Packaging

2.73KHz.pdf

### HTML Datasheet

MIC5239.pdf

### PCN Design/Specification

Cylindrical Battery Holders.pdf

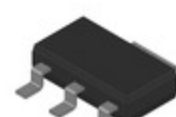
## Customers Also Interested in

### Recommended Products



#### MIC5239-5.0YMM

Microchip Technology  
IC REG LINEAR 5V 500MA 8MSOP



#### MIC5239-5.0YSTR

Micrel Inc.  
LOW QUIESCENT CURRENT 500 MA  
MIC



#### MIC5245-2.5YM5-TR

Microchip Technology  
IC REG LINEAR 2.5V 150MA SOT23-5



#### MIC5239-5.0BSTR

Micrel / Microchip Technology



#### MIC5239YM

Microchip Technology  
IC REG LIN POS ADJ 500MA 8SOIC



#### MIC5239-5.0YS

Microchip Technology  
IC REG LINEAR 5V 500MA SOT223-3



#### MIC5239-5.0YS-TR

Microchip Technology  
IC REG LINEAR 5V 500MA SOT223-3



#### MIC5239YMMTR

Micrel / Microchip Technology



#### MIC5239YMM

Microchip Technology  
IC REG LIN POS ADJ 500MA 8MSOP



#### MIC5245-2.7YM5

Micrel / Microchip Technology



#### MIC5245-2.7BM5

Micrel Inc.  
IC REG LINEAR MICROCAP CMOS  
LDO



#### MIC5239-5.0YM

Microchip Technology  
IC REG LINEAR 5V 500MA 8SOIC



#### MIC5239BMM

Microchip Technology  
IC REG LIN POS ADJ 500MA 8MSOP



#### MIC5245-2.5YM5

Micrel Inc.  
150 MA MICROCAP CMOS LDO  
REGULAT



#### MIC5245-2.5BM5

Micrel Inc.  
IC REG LINEAR MICROCAP CMOS  
LDO



#### MIC5239BMMTR

Micrel / Microchip Technology



#### MIC5245-2.5BM5/TR

Micrel / Microchip Technology



#### MIC5239-5.0YS/TR

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 -



Efficient Supply  
Management



Cost-Saving  
Procurement



Fast Sourcing &  
Delivery

Contact us if you have any questions.



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Email

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## Certifications & Memberships



View More

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