



Image may be representation.  
See specifications for product details.



## MIC5207YM5-TR

Manufacturer Part Number	<b>MIC5207YM5-TR</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-MIC5207YM5-TR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LIN POS ADJ 180MA SOT23-5
Package	SC-74A, SOT-753
Data sheet	<b>MIC5207.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MIC5207YM5-TR - Microchip Technology. New Original in Stock. Download Linear Technology MIC5207YM5-TR datasheet/specifications on AllelcoElec.com. Request a quote for MIC5207YM5-TR, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MIC5207YM5-TR Tech Specifications

MIC5207YM5-TR - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Output Type	Adjustable
Voltage Dropout (Max)	0.4V @ 150mA	Output Configuration	Positive
Voltage - Output (Min/Fixed)	1.8V	Operating Temperature	-40°C ~ 125°C
Voltage - Output (Max)	15V	Number of Regulators	1
Voltage - Input (Max)	16V	Mounting Type	Surface Mount
Supplier Device Package	SOT-23-5	Current - Supply (Max)	3 µA
Series	-	Current - Quiescent (Iq)	170 µA
Protection Features	Over Current, Over Temperature, Reverse Polarity	Current - Output	180mA
Package / Case	SC-74A, SOT-753	Control Features	Enable
Package	Tape & Reel (TR)	Base Product Number	MIC5207
PSRR	-		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MIC5207YM5-TR

Product Attribute				
Part Number	MIC5207YM5-TR	MIC5207YM5TR	MIC5208-3.3BMM	MIC5209-1.8BM
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Voltage - Output (Max)	15V	15V	-	-
Voltage - Input (Max)	16V	16V	16V	16V
Base Product Number	MIC5207	-	MIC5208	MIC5209
Control Features	Enable	Enable	Enable	Enable
Supplier Device Package	SOT-23-5	SOT-23-5	8-MSOP	8-SOIC
Voltage - Output (Min/Fixed)	1.8V	1.8V	3.3V, 3.3V	1.8V
Package	Tape & Reel (TR)	-	Bulk	Tube
Current - Output	180mA	180mA	50mA, 50mA	500mA
Output Configuration	Positive	Positive	Positive	Positive
Voltage Dropout (Max)	0.4V @ 150mA	0.4V @ 150mA	0.5V @ 50mA, 0.5V @ 50mA	0.6V @ 500mA
PSRR	-	-	-	75dB (120Hz)
Series	-	-	-	-
Number of Regulators	1	1	2	1
Current - Supply (Max)	3 µA	3 µA	1.2 mA	25 mA
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	0°C ~ 125°C
Current - Quiescent (Iq)	170 µA	170 µA	750 µA	170 µA
Output Type	Adjustable	Adjustable	Fixed	Fixed
Package / Case	SC-74A, SOT-753	SC-74A, SOT-753	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-SOIC (0.154", 3.90mm Width)
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

### MIC5207YM5-TR Datasheet PDF

Download MIC5207YM5-TR pdf datasheets and Microchip Technology documentation for MIC5207YM5-TR - Microchip Technology.


#### Datasheets

[MIC5207.pdf](#)


#### PCN Packaging

[Packing Changes 10/Oct/2016.pdf](#)

## PCN Part Number


 Micrel to Microchip PN Changes 7/Oct/2015.pdf

## PCN Assembly/Origin

 Mold Compound 11/Nov/2022.pdf



















 Supplier Change 16/Dec/2020.pdf

## PCN Design/Specification

 MIC5207 01/Feb/2022.pdf

## Customers Also Interested in

### Recommended Products

					
<b>MIC52075.0YM5</b>	<b>MIC5207BM5</b>	<b>MIC5207-5.0YM5</b>	<b>MIC5209-1.8BSTR</b>	<b>MIC5207YM5TR</b>	<b>MIC5208-3.3BMM</b>
Micrel / Microchip Technology	Micrel / Microchip Technology	Micrel / Microchip Technology	Micrel / Microchip Technology	Microchip Technology IC REG LIN POS ADJ 180MA SOT23-5	Microchip Technology IC REG LINEAR 3.3V/3.3V 8MSOP
					
<b>MIC5207YM5</b>	<b>MIC5209-1.8BM</b>	<b>MIC5207YM5/TR</b>	<b>MIC5207-5.0YM5/TR</b>	<b>MIC5209-1.8BS/TR</b>	<b>MIC5207-5.0YM5TR</b>
Micrel / Microchip Technology	Microchip Technology IC REG LINEAR 1.8V 500MA 8SOIC	Micrel / Microchip Technology	Micrel / Microchip Technology	Micrel / Microchip Technology	Micrel / Microchip Technology
					
<b>MIC52073.0YM5</b>	<b>MIC5209-1.8BMTR</b>	<b>MIC5209-1.8 BS</b>	<b>MIC5207-5.0YM5-TR</b>	<b>MIC5207BM5TR</b>	<b>MIC5207BM5/TR</b>
Micrel / Microchip Technology	MIC	MIC	Microchip Technology IC REG LINEAR 5V 180MA SOT23-5	Micrel / Microchip Technology	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.

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

### Certifications & Memberships



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