



Image may be representation.  
See specifications for product details.



## MIC68200YML-TR

Manufacturer Part Number	<b>MIC68200YML-TR</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-MIC68200YML-TR
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG LINEAR POS ADJ 1A 10MLF
Package	10-VDFDN Exposed Pad, 10-MLF®
Data sheet	<b>MIC68200.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

MIC68200YML-TR - Microchip Technology. New Original in Stock. Download Linear Technology MIC68200YML-TR datasheet/specifications on AllelcoElec.com. Request a quote for MIC68200YML-TR, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MIC68200YML-TR Tech Specifications

MIC68200YML-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 @ 1A	Output Configuration	Positive
Voltage - Output (Min/Fixed)	0.5V or Tracking	Operating Temperature	-40°C ~ 125°C
Voltage - Output (Max)	5.5V	Number of Regulators	1
Voltage - Input (Max)	5.5V	Mounting Type	Surface Mount
Supplier Device Package	10-MLF® (3x3)	Current - Supply (Max)	80 mA
Series	-	Current - Quiescent (Iq)	15 mA
Protection Features	Over Current, Over Temperature	Current - Output	1A
Package / Case	10-VDFDN Exposed Pad, 10-MLF®	Control Features	Enable, Power On Reset
Package	Tape & Reel (TR)	Base Product Number	MIC68200
PSRR	-		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MIC68200YML-TR

Product Attribute				
Part Number	MIC68200YML-TR	<b>MIC68200-1.8YML</b>	<b>MIC68400-1.8YML-TR</b>	<b>MIC68220YML-TR</b>
Manufacturer	Microchip Technology	Micrel Inc.	Microchip Technology	Microchip Technology
Current - Quiescent (Iq)	15 mA	15 mA	-	15 mA
Control Features	Enable, Power On Reset	Enable, Power On Reset	Enable, Power On Reset, Power Sequencing	Enable, Power On Reset, Power Sequencing
Voltage - Output (Max)	5.5V	-	-	5.5V
Number of Regulators	1	1	1	2
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature, Reverse Polarity	Over Current, Over Temperature, Reverse Polarity
Current - Supply (Max)	80 mA	80 mA	-	80 mA
Voltage - Input (Max)	5.5V	5.5V	5.5V	5.5V
Voltage Dropout (Max)	0.4V @ 1A	0.4V @ 1A	0.5V @ 3A	0.4V @ 1A
Package	Tape & Reel (TR)	Bulk	Tape & Reel (TR)	Tape & Reel (TR)
Package / Case	10-VDFDN Exposed Pad, 10-MLF®	10-VDFDN Exposed Pad, 10-MLF®	16-VQFN Exposed Pad, 16-MLF®	20-VDFDN Exposed Pad, 20-MLF®
Current - Output	1A	1A	3A	1A
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
PSRR	-	-	-	-
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Supplier Device Package	10-MLF® (3x3)	10-MLF® (3x3)	16-MLF® (4x4)	20-MLF® (4x5)
Series	-	-	-	-
Base Product Number	MIC68200	-	MIC68400	MIC68220
Voltage - Output (Min/Fixed)	0.5V or Tracking	1.8V or Tracking	1.8V or Tracking	0.5V or Tracking
Output Configuration	Positive	Positive	Positive	Positive
Output Type	Adjustable	Fixed	Fixed	Adjustable

## MIC68200YML-TR Datasheet PDF

Download MIC68200YML-TR pdf datasheets and Microchip Technology documentation for MIC68200YML-TR - Microchip Technology.

### Datasheets

[MIC68200.pdf](#)

### PCN Packaging

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

## PCN Part Number



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

## PCN Assembly/Origin



Assembly 15/Aug/2022.pdf

## Customers Also Interested in

### Recommended Products

<b>MIC68200YML</b>	<b>MIC68200-1.8YML</b>	<b>MIC68400YML</b>	<b>MIC68200-3.3YML</b>	<b>MIC68400-1.8YML</b>	<b>MIC68200-2.5YMLTR</b>
Micrel / Microchip Technology	Micrel Inc. IC REG LINEAR 2A SEQUENCING LDO	Micrel / Microchip Technology	Micrel / Microchip Technology	Micrel / Microchip Technology	Micrel / Microchip Technology
<b>MIC68400-1.8YML-TR</b>	<b>MIC68220YML</b>	<b>MIC68220YML-TR</b>	<b>MIC68200-1.5YMLTR</b>	<b>MIC68200-1.2YML</b>	<b>MIC68400YTSE</b>
Microchip Technology IC REG LIN 1.8V 3A 16MLF	Micrel / Microchip Technology	Microchip Technology IC REG LINEAR POS ADJ 1A 20MLF	Micrel / Microchip Technology	Micrel Inc. IC REG LINEAR 2A SEQUENCING LDO	Micrel / Microchip Technology
<b>MIC68200-1.5YML</b>	<b>MIC68400YML-TR</b>	<b>MIC68200-2.5YML</b>	<b>MIC68401YML</b>	<b>MIC6315-46D4UY</b>	<b>MIC68200YML/TR</b>
Micrel Inc. IC REG LINEAR 2A SEQUENCING LDO	Microchip Technology IC REG LINEAR POS ADJ 3A 16MLF	Micrel / Microchip Technology	Micrel / Microchip Technology	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	Email
+00852 9146 4856	info@allelco.com

### Certifications & Memberships



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