

Image may be representation.
See specifications for product details.



MIC5305YML-TR

Manufacturer Part Number	MIC5305YML-TR
Manufacturer	Microchip Technology
Allelco Part Number	32D-MIC5305YML-TR
ECAD Model	Request Free CAD Models
Parts Description	IC REG LINEAR POS ADJ 150MA 6DFN
Package	6-VDFN Exposed Pad, 6-MLF®
Data sheet	MIC5305.pdf
RoHs Status	ROHS3 Compliant

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MIC5305YML-TR - Microchip Technology. New Original in Stock. Download Linear Technology MIC5305YML-TR datasheet/specifications on AllelcoElec.com. Request a quote for MIC5305YML-TR, please send us email: info@allelco.com

Specifications

MIC5305YML-TR Tech Specifications

MIC5305YML-TR - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	PSRR	85dB ~ 65dB (1kHz ~ 10kHz)
Voltage Dropout (Max)	0.85V @ 150mA	Output Type	Adjustable
Voltage - Output (Min/Fixed)	1.25V	Output Configuration	Positive
Voltage - Output (Max)	5.5V	Operating Temperature	-40°C ~ 125°C
Voltage - Input (Max)	5.5V	Number of Regulators	1
Supplier Device Package	6-DFN (2x2)	Mounting Type	Surface Mount
Series	-	Current - Quiescent (Iq)	150 µA
Protection Features	Over Current, Over Temperature	Current - Output	150mA
Package / Case	6-VDFN Exposed Pad, 6-MLF®	Control Features	Enable
Package	Tape & Reel (TR)	Base Product Number	MIC5305

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology MIC5305YML-TR

Product Attribute				
Part Number	MIC5305YML-TR	MIC5305-4.6YMT	MIC5305-3.0YML	MIC5305YML
Manufacturer	Microchip Technology	Micrel Inc.	Micrel Inc.	Micrel Inc.
Voltage - Input (Max)	5.5V	5.5V	5.5V	5.5V
PSRR	85dB ~ 65dB (1kHz ~ 10kHz)	85dB ~ 65dB (1kHz ~ 10kHz)	85dB ~ 65dB (1kHz ~ 10kHz)	85dB ~ 65dB (1kHz ~ 10kHz)
Base Product Number	MIC5305	-	-	-
Voltage - Output (Min/Fixed)	1.25V	4.6V	3V	1.25V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Quiescent (Iq)	150 µA	150 µA	150 µA	150 µA
Series	-	-	-	-
Number of Regulators	1	1	1	1
Current - Output	150mA	150mA	150mA	150mA
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Output Type	Adjustable	Fixed	Fixed	Adjustable
Output Configuration	Positive	Positive	Positive	Positive
Control Features	Enable	Enable	Enable	Enable
Voltage Dropout (Max)	0.85V @ 150mA	0.85V @ 150mA	0.85V @ 150mA	0.85V @ 150mA
Voltage - Output (Max)	5.5V	-	-	5.5V
Supplier Device Package	6-DFN (2x2)	6-TMLF® (2x2)	6-DFN (2x2)	6-DFN (2x2)
Package / Case	6-VDFN Exposed Pad, 6-MLF®	6-UDFN Exposed Pad, 6-TMLF®	6-VDFN Exposed Pad, 6-MLF®	6-VDFN Exposed Pad, 6-MLF®
Package	Tape & Reel (TR)	Bulk	Bulk	Bulk
Protection Features	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature	Over Current, Over Temperature

MIC5305YML-TR Datasheet PDF

Download MIC5305YML-TR pdf datasheets and Microchip Technology documentation for MIC5305YML-TR - Microchip Technology.

Datasheets

[MIC5305.pdf](#)

PCN Packaging

[2.73KHz.pdf](#)

PCN Part Number


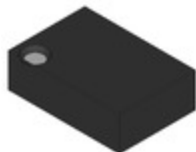
















2.73KHz.pdf

PCN Assembly/Origin

2.73KHz.pdf

Customers Also Interested in

Recommended Products

					
MIC5307-2.5YD5	MIC5305-4.6YMT	MIC5307-1.8YD5TR	MIC5305-3.3YML	MIC5305-3.0YML	MIC5305YML
Micrel / Microchip Technology	Micrel Inc. IC REG LINEAR 150MA MICROCAP	Micrel / Microchip Technology	Micrel / Microchip Technology	Micrel Inc. IC REG LINEAR 150MA MICROCAP	Micrel Inc. IC REG LINEAR 150MA MICROCAP
					
MIC5305-3.3YMLTR	MIC5307-2.8YD5TR	MIC5305-3.3BD5	MIC5307-3.0YD5	MIC5305-3.3YD5TR	MIC5305-3.3YD5
Micrel / Microchip Technology	Micrel / Microchip Technology	Microchip Technology IC REG LIN 3.3V 150MA TSOT23-5	Micrel / Microchip Technology	Micrel Inc. MIC5305 -150 MA MICROCAP ULTRA-L	Micrel / Microchip Technology
					
MIC5307-2.8YD5	MIC5306-2.8YD5TR	MIC5307-2.8YM5TR	MIC5305YMLTR	MIC5306-3.0YD5	MIC5305-3.0YD5-TR
Micrel Inc. IC REG LINEAR 300MA MICROPOWER	Micrel / Microchip Technology	Micrel / Microchip Technology	Micrel / Microchip Technology	Micrel / Microchip Technology	Microchip Technology IC REG LINEAR 3V 150MA TSOT23-5

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

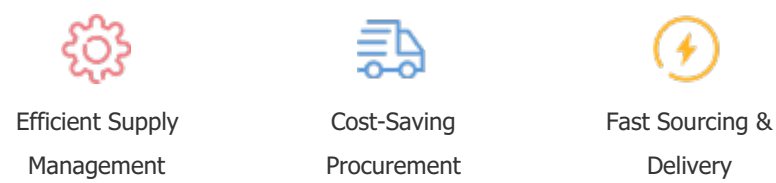
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

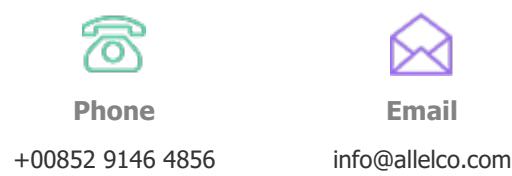
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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