

MIC5301YMT-TR





Part Number: [MIC5301YMT-TR](#)

Manufacturer [Micrel / Microchip Technology](#)

Description IC REG LIN POS ADJ 150MA 6TMLF

Data sheet:  [MIC5301](#)

RoHS Status: Lead free / RoHS Compliant

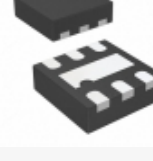
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MIC5301YMT-TR	Manufacturer	Micrel / Microchip Technology
Description	IC REG LIN POS ADJ 150MA 6TMLF	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	135912 pcs	Data sheet	MIC5301
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	0.1V @ 150mA
Voltage - Output (Min/Fixed)	1.25V	Voltage - Output (Max)	5.5V
Voltage - Input (Max)	5.5V	Supplier Device Package	6-TMLF® (1.6x1.6)
Series	-	Protection Features	Over Current, Over Temperature
Packaging	Tape & Reel (TR)	Package / Case	6-UFDFN Exposed Pad, 6-TMLF®
PSRR	75dB ~ 50dB (1kHz ~ 20kHz)	Output Type	Adjustable
Output Configuration	Positive	Other Names	MIC5301YMT TR MIC5301YMT TR-ND MIC5301YMTTR MIC5301YMTTTR-ND
Operating Temperature	-40°C ~ 125°C	Number of Regulators	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Detailed Description	Linear Voltage Regulator IC Positive Adjustable 1 Output 1.25 V ~ 5.5 V 150mA 6-TMLF® (1.6x1.6)
Current - Quiescent (Iq)	120µA	Current - Output	150mA
Control Features	Enable	Base Part Number	MIC5301
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	Part#: MIC5301-3.3YD5-TR Description: IC REG LIN 3.3V 150MA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5301-4.6YD5-TR Description: IC REG LIN 4.6V 150MA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5301-4.6YMT-TR Description: IC REG LINEAR 4.6V 150MA 6TMLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5301-3.0YMT-TR Description: IC REG LINEAR 3V 150MA 6TMLF	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC5302-2.8YMT-TR Description: IC REG LINEAR 2.8V 150MA 4TMLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5302-2.9YMT-TR Description: IC REG LINEAR 2.9V 150MA 4TMLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5302-3.0YMT-TR Description: IC REG LINEAR 3V 150MA 4TMLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5301-2.9YMT-TR Description: IC REG LINEAR 2.9V 150MA 6TMLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5301-3.0YD5-TR Description: IC REG LINEAR 3V 150MA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC5301-2.9YD5-TR Description: IC REG LIN 2.9V 150MA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5302-1.3YMT-TR Description: IC REG LINEAR 1.3V 150MA 4TMLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5301-3.3YMT-TR Description: IC REG LINEAR 3.3V 150MA 6TMLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5301YD5-TR Description: IC REG LIN POS ADJ 150MA TSOT23	Manufacturers: Micrel / Microchip Technology	RFQ

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