

MIC5301-1.8YMT-TR





Part Number: [MIC5301-1.8YMT-TR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG LINEAR 1.8V 150MA 6TMLF

Data sheet:  [MIC5301](#)

RoHs Status: Lead free / RoHS Compliant

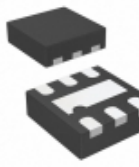
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MIC5301-1.8YMT-TR	Manufacturer	Micrel / Microchip Technology
Description	IC REG LINEAR 1.8V 150MA 6TMLF	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	135121 pcs	Data sheet	MIC5301
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	0.1V @ 150mA
Voltage - Output (Min/Fixed)	1.8V	Voltage - Output (Max)	-
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	Fixed
Output Configuration	Positive	Other Names	MIC5301-1.8YMT TR MIC5301-1.8YMT TR-ND MIC5301-1.8YMTTR MIC5301-1.8YMTTR-ND
Operating Temperature	-40°C ~ 125°C	Number of Regulators	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	5 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	Linear Voltage Regulator IC Positive Fixed 1 Output 1.8V 150mA 6-TMLF® (1.6x1.6)	Current - Quiescent (Iq)	120µA
Current - Output	150mA	Control Features	Enable
Base Part Number	MIC5301		
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RELATED PRODUCTS			
	Part#: MIC5301-2.5YD5-TR Description: IC REG LIN 2.5V 150MA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5301-2.1YD5-TR Description: IC REG LIN 2.1V 150MA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5301-2.85YML-TR Description: IC REG LINEAR 2.85V 150MA 6TMLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5301-1.3YD5-TR Description: IC REG LIN 1.3V 150MA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5295-3.3YD-TR Description: IC REG LINEAR 3.3V 150MA TO252-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5301-2.1YMT-TR Description: IC REG LINEAR 2.1V 150MA 6TMLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5301-2.8YD5-TR Description: IC REG LIN 2.8V 150MA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5301-2.85YMT-TR Description: IC REG LINEAR 2.85V 150MA 6TMLF	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC5295YD-TR Description: IC REG LIN POS ADJ 150MA TO252-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5301-2.85YD5-TR Description: IC REG LIN 2.85V 150MA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5301-1.3YMT-TR Description: IC REG LINEAR 1.3V 150MA 6TMLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5295YD Description: IC REG LIN POS ADJ 150MA TO252-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5301-2.6YMT-TR Description: IC REG LINEAR 2.6V 150MA 6TMLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5301-2.6YD5-TR Description: IC REG LIN 2.6V 150MA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5301-2.5YMT-TR Description: IC REG LINEAR 2.5V 150MA 6TMLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5295-5.0YD Description: IC REG LINEAR 5V 150MA TO252-5	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC5301-1.8YD5-TR Description: IC REG LIN 1.8V 150MA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ

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