

MIC5501-1.8YMT-TZ



Part Number: [MIC5501-1.8YMT-TZ](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG LINEAR 1.8V 300MA 4TDFN

Data sheet:  [MIC5501/2/3/4 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

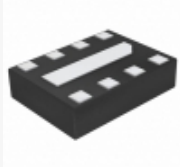
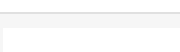
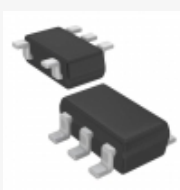
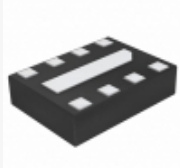
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MIC5501-1.8YMT-TZ	Manufacturer	Micrel / Microchip Technology
Description	IC REG LINEAR 1.8V 300MA 4TDFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	512105 pcs	Data sheet	MIC5501/2/3/4 Datasheet
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	0.38V @ 300mA
Voltage - Output (Min/Fixed)	1.8V	Voltage - Output (Max)	-
Voltage - Input (Max)	5.5V	Supplier Device Package	4-TDFN (1x1)
Series	-	Protection Features	Over Current, Over Temperature
Packaging	Tape & Reel (TR)	Package / Case	4-UDFN Exposed Pad
PSRR	60dB (1kHz)	Output Type	Fixed
Output Configuration	Positive	Other Names	MIC5501-1.8YMTTZ MIC5501-1.8YMTTZ-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 Fixed 1 Output 1.8V 300mA 4-TDFN (1x1)
Current - Supply (Max)	65µA	Current - Quiescent (Iq)	55µA
Current - Output	300mA	Control Features	Enable
Base Part Number	MIC5501		
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RELATED PRODUCTS			
	Part#: MIC5501-1.8YMT-TR Description: IC REG LINEAR 1.8V 300MA 4TDFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5501-3.0YMT-TR Description: IC REG LINEAR 3V 300MA 4TDFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5502-1.8YMT-TZ Description: IC REG LINEAR 1.8V 300MA 4TDFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5399-SSYMX-TR Description: IC REG LINEAR 3.3V/3.3V 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5400BWM-TR Description: IC LED DRIVER LINEAR 30MA 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5501-3.0YMT-T5 Description: IC REG LINEAR 3V 300MA 4TDFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5400YWM-TR Description: IC LED DRIVER LINEAR 30MA 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5502-2.8YMT-TR Description: IC REG LINEAR 2.8V 300MA 4TDFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5399-SMYMX-TR Description: IC REG LINEAR 2.8V/3.3V 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC5501-1.8YMT-T5 Description: IC REG LINEAR 1.8V 300MA 4TDFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5501-3.0YM5-TR Description: IC REG LDO 3V 0.3A SOT23-5	Manufacturers: Microchip Technology	RFQ
	Part#: MIC5400BWM Description: IC LED DRIVER LINEAR 30MA 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5399-SMYMX-T5 Description: IC REG LINEAR 2.8V/3.3V 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5501-3.0YM5-T5 Description: IC REG LINEAR 3V 300MA SOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5502-1.8YMT-TR Description: IC REG LINEAR 1.8V 300MA 4TDFN	Manufacturers: Micrel / Microchip Technology	RFQ

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