

MIC5501-3.0YM5-T5





Part Number: [MIC5501-3.0YM5-T5](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG LINEAR 3V 300mA SOT23-5

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

RoHs Status: Lead free / RoHS Compliant

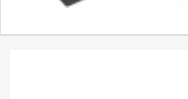
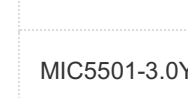
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PRODUCT PARAMETER			
Part Number	MIC5501-3.0YM5-T5	Manufacturer	Micrel / Microchip Technology
Description	IC REG LINEAR 3V 300mA SOT23-5	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	420830 pcs	Data sheet	MIC5501/2/3/4 Datasheet
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	0.38V @ 300mA
Voltage - Output (Min/Fixed)	3V	Voltage - Output (Max)	-
Voltage - Input (Max)	5.5V	Supplier Device Package	SOT-23-5
Series	-	Protection Features	Over Current, Over Temperature
Packaging	Tape & Reel (TR)	Package / Case	SC-74A, SOT-753
PSRR	60dB (1kHz)	Output Type	Fixed
Output Configuration	Positive	Other Names	MIC5501-3.0YM5 T5 MIC5501-3.0YM5 T5-ND MIC5501-3.0YM5-T5-ND MIC5501-3.0YM5-T5TR
Operating Temperature	-40°C ~ 125°C	Number of Regulators	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	Linear Voltage Regulator IC Positive Fixed 1 Output 3V 300mA SOT-23-5	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
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	Part#: MIC5399-SSYMX-T5 Description: IC REG LINEAR 3.3V/3.3V 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5501-1.8YMT-TZ 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-T5 Description: IC REG LINEAR 1.8V 300MA 4TDFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC5502-1.8YMT-TR Description: IC REG LINEAR 1.8V 300MA 4TDFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5400YWM Description: IC LED DRIVER LINEAR 30MA 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5399-SSYMX-TR Description: IC REG LINEAR 3.3V/3.3V 8DFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5501-1.8YMT-T5 Description: IC REG LINEAR 1.8V 300MA 4TDFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5400BWM-TR Description: IC LED DRIVER LINEAR 30MA 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5501-3.0YM5-TR Description: IC REG LDO 3V 0.3A SOT23-5	Manufacturers: Microchip Technology	RFQ

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