

MIC5312-GPYML-TR



Part Number: [MIC5312-GPYML-TR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG LINEAR 1.8V/3V 10MLF

Data sheet:  [MIC5312](#)

RoHs Status: Lead free / RoHS Compliant

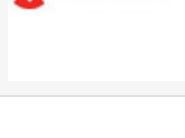
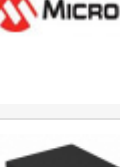
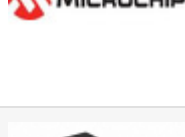
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PRODUCT PARAMETER			
Part Number	MIC5312-GPYML-TR	Manufacturer	Micrel / Microchip Technology
Description	IC REG LINEAR 1.8V/3V 10MLF	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	67532 pcs	Data sheet	MIC5312
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	0.24V @ 300mA, 0.24V @ 300mA
Voltage - Output (Min/Fixed)	1.8V, 3V	Voltage - Output (Max)	-
Voltage - Input (Max)	5.5V	Supplier Device Package	10-MLF® (3x3)
Series	-	Protection Features	Over Current, Over Temperature
Packaging	Tape & Reel (TR)	Package / Case	10-VDFN Exposed Pad, 10-MLF®
PSRR	65dB ~ 35dB (1kHz ~ 20kHz)	Output Type	Fixed
Output Configuration	Positive	Other Names	MIC5312-GPYML TR MIC5312-GPYML TR-ND MIC5312-GPYMLTR MIC5312-GPYMLTR-ND
Operating Temperature	-40°C ~ 125°C	Number of Regulators	2
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 2 Output 1.8V, 3V 300mA, 300mA 10-MLF® (3x3)
Current - Quiescent (Iq)	50µA	Current - Output	300mA, 300mA
Control Features	Enable, Power On Reset	Base Part Number	MIC5312
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RELATED PRODUCTS			
	Part#: MIC5313-FFYMT-TR Description: IC REG LINEAR 1.5V/1.5V 10TMLF	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC5312-GMBML-TR Description: IC REG LINEAR 1.8V/2.8V 10MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5312-DKBML-TR Description: IC REG LINEAR 1.85V/2.6V 10MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5311-NNYML-TR Description: IC REG LINEAR 2.85V/2.85V 10MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5312-NNYML-TR Description: IC REG LINEAR 2.85V/2.85V 10MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5311-DKBML-TR Description: IC REG LINEAR 1.85V/2.6V 10MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5311-NLYML-TR Description: IC REG LINEAR 2.85V/2.7V 10MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5311-GMYML-TR Description: IC REG LINEAR 1.8V/2.8V 10MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5313-F3YMT-TR Description: IC REG LINEAR 1.1V/1.5V 10TMLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5313-F6YMT-TR Description: IC REG LINEAR 1.4V/1.5V 10TMLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5313-G4YMT-TR Description: IC REG LINEAR 1.2V/1.8V 10TMLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5313-F5YMT-TR Description: IC REG LINEAR 1.3V/1.5V 10TMLF	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC5313-F4YMT-TR Description: IC REG LINEAR 1.2V/1.5V 10TMLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5312-GMYML-TR Description: IC REG LINEAR 1.8V/2.8V 10MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5313-FCYMT-TR Description: IC REG LINEAR 1V/1.5V 10TMLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5312-MMYML-TR Description: IC REG LINEAR 2.8V/2.8V 10MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5311-DKYML-TR Description: IC REG LINEAR 1.85V/2.6V 10MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5313-GGYMT-TR Description: IC REG LINEAR 1.8V/1.8V 10TMLF	Manufacturers: Micrel / Microchip Technology	RFQ

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