

MIC5259-2.5YML-TR





Part Number: [MIC5259-2.5YML-TR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG LINEAR 2.5V 300MA 6MLF

Data sheet:  [MIC5259](#)

RoHs Status: Lead free / RoHS Compliant

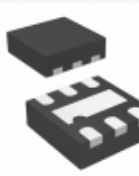
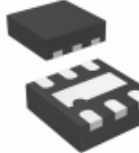
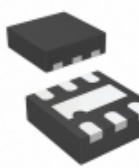
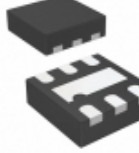
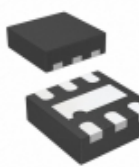
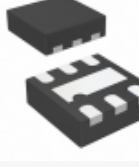
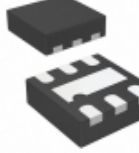
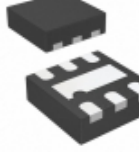
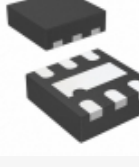
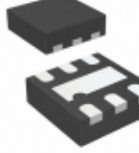
Ship From: Hong Kong

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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	MIC5259-2.5YML-TR	Manufacturer	Micrel / Microchip Technology
Description	IC REG LINEAR 2.5V 300MA 6MLF	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	193444 pcs	Data sheet	MIC5259
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	0.55V @ 300mA
Voltage - Output (Min/Fixed)	2.5V	Voltage - Output (Max)	-
Voltage - Input (Max)	6V	Supplier Device Package	6-MLF® (2x2)
Series	-	Protection Features	Over Current, Over Temperature, Under Voltage Lockout (UVLO)
Packaging	Cut Tape (CT)	Package / Case	6-VQFN Exposed Pad, 6-MLF®
PSRR	65dB ~ 53dB (10Hz ~ 10kHz)	Output Type	Fixed
Output Configuration	Positive	Other Names	1611-MIC5259-2.5YML-CT
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 2.5V 300mA 6-MLF® (2x2)
Current - Supply (Max)	250µA	Current - Quiescent (Iq)	150µA
Current - Output	300mA	Control Features	Enable
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RELATED PRODUCTS			
	Part#: MIC5259-1.5YD5-TR Description: IC REG LIN 1.5V 300MA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5259-1.5YML-TR Description: IC REG LINEAR 1.5V 300MA 6MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5259-2.85YML-TR Description: IC REG LINEAR 2.85V 300MA 6MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5259-1.8BD5-TR Description: IC REG LIN 1.8V 300MA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5259-3.0BML-TR Description: IC REG LINEAR 3V 300MA 6MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5259-2.85BML-TR Description: IC REG LINEAR 2.85V 300MA 6MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5259-3.0BD5-TR Description: IC REG LINEAR 3V 300MA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5259-2.85BD5-TR Description: IC REG LIN 2.85V 300MA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5259-2.8YML-TR Description: IC REG LINEAR 2.8V 300MA 6MLF	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC5259-2.5BD5-TR Description: IC REG LIN 2.5V 300MA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5259-2.1YML-TR Description: IC REG LINEAR 2.1V 300MA 6MLF	Manufacturers: Micrel / Microchip Technology	RFQ

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