

MIC5259-1.8YML-TR





Part Number:

MIC5259-1.8YML-TR

Manufacturer:

Micrel / Microchip Technology

Description:

IC REG LINEAR 1.8V 300MA 6MLF

Data sheet:

 [MIC5259](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

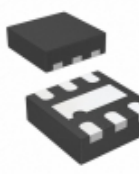
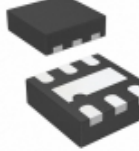
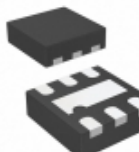
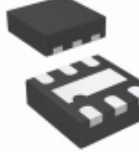
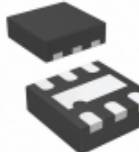
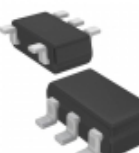
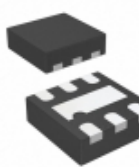
Shipment Way:

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PRODUCT PARAMETER			
Part Number	MIC5259-1.8YML-TR	Manufacturer	Micrel / Microchip Technology
Description	IC REG LINEAR 1.8V 300MA 6MLF	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	89956 pcs	Data sheet	MIC5259
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	0.55V @ 300mA
Voltage - Output (Min/Fixed)	1.8V	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	Tape & Reel (TR)	Package / Case	6-VDFN Exposed Pad, 6-MLF®
PSRR	65dB ~ 53dB (10Hz ~ 10kHz)	Output Type	Fixed
Output Configuration	Positive	Other Names	576-2829-2 MIC5259-1.8YML TR MIC5259-1.8YML TR-ND MIC5259-1.8YMLTR MIC5259-1.8YMLTR-ND MIC525918YMLTR
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 300mA 6-MLF® (2x2)	Current - Supply (Max)	250µA
Current - Quiescent (Iq)	150µA	Current - Output	300mA
Control Features	Enable	Base Part Number	MIC5259
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RELATED PRODUCTS			
	Part#: MIC5259-2.85YD5-TR Description: IC REG LIN 2.85V 300MA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5259-1.5BML TR Description: IC REG LINEAR 1.5V 300MA 6MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5259-1.5YML-TR Description: IC REG LINEAR 1.5V 300MA 6MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5258-1.2YM5-TR Description: IC REG LINEAR 1.2V 150MA SOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5259-1.8BML-TR Description: IC REG LINEAR 1.8V 300MA 6MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5259-2.5YML-TR Description: IC REG LINEAR 2.5V 300MA 6MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5259-2.5BML-TR Description: IC REG LINEAR 2.5V 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#: MIC5259-2.5BD5-TR Description: IC REG LIN 2.5V 300MA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5259-2.85YML-TR Description: IC REG LINEAR 2.85V 300MA 6MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5259-1.8YD5-TR Description: IC REG LIN 1.8V 300MA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC5259-2.85BD5-TR Description: IC REG LIN 2.85V 300MA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5256-3.3YM5-TR Description: IC REG LINEAR 3.3V 150MA SOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC5259-1.8BD5-TR Description: IC REG LIN 1.8V 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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