



MIC5301-1.3YMT-TR Information



For Reference Only

Part Number MIC5301-1.3YMT-TR
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear IC REG LINEAR 1.3V 150MA 6TMLF

Package 6-UFDFN Exposed Pad, 6-TMLF?

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.

Description









MIC5301-1.3YMT-TR Specifications

Manufacturer Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 6-UFDFN Exposed Pad, 6-TMLF? Series - Output Configuration Positive Fixed Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) Voltage - Output (Max) - Voltage Dropout (Max) Output - Output 150mA Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR 75dB ~ 50dB (1kHz ~ 20kHz) Control Features Protection Features Over Current, Over Temperature Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case Minimation Temperature Microchip Technology Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Postage / Case Microchip Technology Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Postage Space Age, 6-TMLF?		
Integrated Circuits (ICs)	Manufacturer Part Number	MIC5301-1.3YMT-TR
PMIC - Voltage Regulators - Linear 6-UFDFN Exposed Pad, 6-TMLF? Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) - Voltage - Output (Max) - Voltage Dropout (Max) Current - Output Current - Quiescent (Iq) - Current - Supply (Max) 120µA PSRR 75dB ~ 50dB (1kHz ~ 20kHz) Enable Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case Supplier Device Package 6-TMLF? (1.6x1.6)	Manufacturer	Microchip Technology
Package 6-UFDFN Exposed Pad, 6-TMLF? Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.3V Voltage - Output (Max) - Voltage - Output (Max) 0.1V @ 150mA Current - Output Current - Quiescent (Iq) - Current - Supply (Max) 120µA PSRR 75dB ~ 50dB (1kHz ~ 20kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-UFDFN Exposed Pad, 6-TMLF? Supplier Device Package 6-TMLF?	Category	Integrated Circuits (ICs)
Series -		PMIC - Voltage Regulators - Linear
Output Configuration Output Type Fixed Number of Regulators 1 Voltage - Input (Max) Voltage - Output (Min/Fixed) Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage - Output (Max) Voltage Dropout (Max) - Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 75dB ~ 50dB (1kHz ~ 20kHz) Control Features Control Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-UFDFN Exposed Pad, 6-TMLF? Supplier Device Package	Package	6-UFDFN Exposed Pad, 6-TMLF?
Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.1V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 120μA PSRR 75dB ~ 50dB (1kHz ~ 20kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-UFDFN Exposed Pad, 6-TMLF? Supplier Device Package 6-TMLF? (1.6x1.6)	Series	-
Number of Regulators Voltage - Input (Max) Voltage - Output (Min/Fixed) 1.3V Voltage - Output (Max) Voltage - Output (Max) Voltage Dropout (Max) - Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 75dB ~ 50dB (1kHz ~ 20kHz) Control Features Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-UFDFN Exposed Pad, 6-TMLF? Supplier Device Package	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) 1.3V Voltage - Output (Max) - Voltage Dropout (Max) - Voltage Dropout (Max) 0.1V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 75dB ~ 50dB (1kHz ~ 20kHz) Control Features Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-UFDFN Exposed Pad, 6-TMLF? Supplier Device Package	Output Type	Fixed
Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) - Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 75dB ~ 50dB (1kHz ~ 20kHz) Control Features Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-UFDFN Exposed Pad, 6-TMLF? Supplier Device Package	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 75dB ~ 50dB (1kHz ~ 20kHz) Control Features Protection Features Operating Temperature Operating Type Surface Mount Package / Case Supplier Device Package - Utypus - Outpus - O	Voltage - Input (Max)	5.5V
Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 75dB ~ 50dB (1kHz ~ 20kHz) Control Features Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-UFDFN Exposed Pad, 6-TMLF? Supplier Device Package 6-TMLF? (1.6x1.6)	Voltage - Output (Min/Fixed)	1.3V
Current - Output Current - Quiescent (Iq) - Current - Supply (Max) PSRR 75dB ~ 50dB (1kHz ~ 20kHz) Control Features Protection Features Operating Temperature Operating Type Mounting Type Surface Mount Package / Case Supplier Device Package 150mA - 120μA 75dB ~ 50dB (1kHz ~ 20kHz) Enable Over Current, Over Temperature - 40°C ~ 125°C Surface Mount 6-UFDFN Exposed Pad, 6-TMLF? 6-TMLF? (1.6x1.6)	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) PSRR 75dB ~ 50dB (1kHz ~ 20kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-UFDFN Exposed Pad, 6-TMLF? Supplier Device Package 6-TMLF? (1.6x1.6)	Voltage Dropout (Max)	0.1V @ 150mA
Current - Supply (Max) PSRR 75dB ~ 50dB (1kHz ~ 20kHz) Control Features Enable Protection Features Over Current, Over Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-UFDFN Exposed Pad, 6-TMLF? Supplier Device Package 6-TMLF? (1.6x1.6)	Current - Output	150mA
PSRR 75dB ~ 50dB (1kHz ~ 20kHz) Enable Protection Features Over Current, Over Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-UFDFN Exposed Pad, 6-TMLF? Supplier Device Package 6-TMLF? (1.6x1.6)	Current - Quiescent (Iq)	-
Control Features Protection Features Over Current, Over Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-UFDFN Exposed Pad, 6-TMLF? Supplier Device Package 6-TMLF? (1.6x1.6)	Current - Supply (Max)	120μΑ
Protection Features Over Current, Over Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-UFDFN Exposed Pad, 6-TMLF? Supplier Device Package 6-TMLF? (1.6x1.6)	PSRR	75dB ~ 50dB (1kHz ~ 20kHz)
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-UFDFN Exposed Pad, 6-TMLF? Supplier Device Package 6-TMLF? (1.6x1.6)	Control Features	Enable
Mounting Type Surface Mount Package / Case 6-UFDFN Exposed Pad, 6-TMLF? Supplier Device Package 6-TMLF? (1.6x1.6)	Protection Features	Over Current, Over Temperature
Package / Case 6-UFDFN Exposed Pad, 6-TMLF? Supplier Device Package 6-TMLF? (1.6x1.6)	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 6-TMLF? (1.6x1.6)	Mounting Type	Surface Mount
	Package / Case	6-UFDFN Exposed Pad, 6-TMLF?
Report errors?	Supplier Device Package	6-TMLF? (1.6x1.6)
<u> </u>		Report errors?

MIC5301-1.3YMT-TR Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

MIC5301-1.3YMT-TR Payment Methods



















MIC5301-1.3YMT-TR Shipping Methods













If you have any question about MIC5301-1.3YMT-TR, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com