



MIC5308-1.8YMT-TR Information



For Reference Only

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)
PMIC - Voltage Regulators - Linear

Description IC DEG LINEAD 1 8V 150MA CTA

Part Number MIC5308-1.8YMT-TR

Description IC REG LINEAR 1.8V 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



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MIC5308-1.8YMT-TR Specifications

Manufacturer Part NumberMIC5308-1.8YMT-TRManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackage6-UFDFN Exposed Pad, 6-TMLF?Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.15V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR90dB ~ 70dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed Pad, 6-TMLF?		
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear 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) 1.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.15V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 90dB ~ 70dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount	Manufacturer Part Number	MIC5308-1.8YMT-TR
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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) 1.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.15V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) - PSRR 90dB ~ 70dB (1kHz) Control Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5 VVoltage - Output (Min/Fixed)1.8 VVoltage - Output (Max)-Voltage Dropout (Max)0.15 V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)-PSRR90dB ~ 70dB (1kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount		PMIC - Voltage Regulators - Linear
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Voltage - Input (Max) Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) Current - Supply (Max) - PSRR 90dB ~ 70dB (1kHz) Control Features Protection Features Operating Temperature Mounting Type 5.5V 5.5V 5.5V 5.5V 5.5V 6.8V 6.8V 6.8V 6.9V 6.15V @ 150mA 6.150mA 6.150mA 6.150mA 6.150mA 6.10mA	Output Type	Fixed
Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 90dB ~ 70dB (1kHz) Control Features Protection Features Operating Temperature -40°C ~ 125°C Mounting Type 1.8V 1.8V 1.8V 1.8V 1.8V 1.8V 1.8V - 0.15V @ 150mA 1.50mA - Current - Output - 150mA - Current - Supply (Max) - - - - - - - - - - - - -	Number of Regulators	1
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Current - Supply (Max) PSRR 90dB ~ 70dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature -40°C ~ 125°C Mounting Type Surface Mount	Current - Output	150mA
PSRR 90dB \sim 70dB (1kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount	Current - Quiescent (Iq)	-
Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface Mount	Current - Supply (Max)	-
Protection Features Over Current, Over Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount	PSRR	90dB ~ 70dB (1kHz)
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount	Control Features	Enable
Mounting Type Surface Mount	Protection Features	Over Current, Over Temperature
	Operating Temperature	-40°C ~ 125°C
Package / Case 6-UFDFN Exposed Pad, 6-TMLF?	Mounting Type	Surface Mount
	Package / Case	6-UFDFN Exposed Pad, 6-TMLF?
Supplier Device Package 6-TMLF? (1.6x1.6)	Supplier Device Package	6-TMLF? (1.6x1.6)
Report errors?		Report errors?

MIC5308-1.8YMT-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.

MIC5308-1.8YMT-TR Payment Methods



















MIC5308-1.8YMT-TR Shipping Methods













If you have any question about MIC5308-1.8YMT-TR, please do not hesitate to contact us!

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