

MIC5387-SG4YMT-TR

MIC5387-SG4YMT-TR Information



Part Number	MIC5387-SG4YMT-TR
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear
Description	IC REG LIN 1.2V/1.8V/3.3V 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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MIC5387-SG4YMT-TR Specifications

Manufacturer Microchip Technology Microchip Technology Microchip Technology Category Integrated Circuits (ICs) Package 6-UFDFN Exposed Pad, 6-TMLF? Package - Output Configuration Positive Dutput Configuration Positive Number of Regulators 3 Voltage - Input (Max) 5.5V Voltage - Output (Max) - Current - Output 150mA, 0.38V @ 150mA, 0.31V @ 150mA Current - Output 150mA, 150mA, 150mA Current - Quiescent (Iq) - Current - Supply (Max) 40µA ~ 120µA PSR 70dB ~ 60dB (1kHz ~ 10kHz), 70dB ~ 60dB (1kHz ~ 10kHz), - 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 <td< th=""><th></th><th></th><th></th></td<>			
Category Integrated Circuits (Cs) PMIC - Voltage Regulators - Linear Package 6-UFDFN Exposed Pad, 6-TMLF? Series - Output Configuration Positive Dutput Configuration Fixed Number of Regulators 3 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.2V, 1.8V, 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.38V @ 150mA, 0.38V @ 150mA, 0.31V @ 150mA Current - Output 150mA, 150mA, 150mA Current - Quiescent (Iq) - Current - Supply (Max) 40µA ~ 120µA PSRR 70dB ~ 60dB (1kHz ~ 10kHz), 70dB ~ 60dB (1kHz ~ 10kHz), - Control Features Enable Portection 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-UFDFN Exposed Pad, 6-TMLF?	Manufacturer Part Number	MIC5387-SG4YMT-TR	
PMC - Voltage Regulators - LinearPackage6-UFDFN Exposed Pad, 6-TMLF?Series-Dutput ConfigurationPositiveDutput TypeFixedNumber of Regulators3Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.2V, 1.8V, 3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.38V @ 150mA, 0.38V @ 150mA, 0.31V @ 150mACurrent - Output150mA, 150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)40μA ~ 120μAPSRR70dB ~ 60dB (1kHz ~ 10kHz), 70dB ~ 60dB (1kHz ~ 10kHz), -Control FeaturesOver Current, Over TemperatureProtection FeaturesOver Current, Over TemperaturePoperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed Pad, 6-TMLF?Supplier Device Package6-TMLF? (1.6x1.6)	Manufacturer	Microchip Technology	
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Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.2V, 1.8V, 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.38V @ 150mA, 0.38V @ 150mA, 0.31V @ 150mA Current - Output 150mA, 150mA, 0.38V @ 150mA, 0.31V @ 150mA Current - Quiescent (Iq) - Current - Supply (Max) 40µA ~ 120µA PSRR 70dB ~ 60dB (1kHz ~ 10kHz), 70dB ~ 60dB (1kHz ~ 10kHz), - Control Features Over Current, Over Temperature 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)	Output Type	Fixed	
Voltage - Output (Min/Fixed)1.2V, 1.8V, 3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.38V @ 150mA, 0.38V @ 150mA, 0.31V @ 150mACurrent - Output150mA, 150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)40µA ~ 120µAPSRR70dB ~ 60dB (1kHz ~ 10kHz), 70dB ~ 60dB (1kHz ~ 10kHz), -Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed Pad, 6-TMLF?Supplier Device Package6-TMLF? (1.6x1.6)	Number of Regulators	3	
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Current - Output150mA, 150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)40μA ~ 120μAPSRR70dB ~ 60dB (1kHz ~ 10kHz), 70dB ~ 60dB (1kHz ~ 10kHz), -Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed Pad, 6-TMLF?Supplier Device Package6-TMLF? (1.6x1.6)	Voltage - Output (Max)	-	
Current - Quiescent (Iq)-Current - Supply (Max)40μA ~ 120μAPSRR70dB ~ 60dB (1kHz ~ 10kHz), 70dB ~ 60dB (1kHz ~ 10kHz), -Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed Pad, 6-TMLF?Supplier Device Package6-TMLF? (1.6x1.6)	Voltage Dropout (Max)	0.38V @ 150mA, 0.38V @ 150mA, 0.31V @ 150mA	
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Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed Pad, 6-TMLF?Supplier Device Package6-TMLF? (1.6x1.6)	Current - Supply (Max)	40μΑ ~ 120μΑ	
Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed Pad, 6-TMLF?Supplier Device Package6-TMLF? (1.6x1.6)	PSRR	70dB ~ 60dB (1kHz ~ 10kHz), 70dB ~ 60dB (1kHz ~ 10kHz), -	
Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed Pad, 6-TMLF?Supplier Device Package6-TMLF? (1.6x1.6)	Control Features	Enable	
Mounting TypeSurface MountPackage / Case6-UFDFN Exposed Pad, 6-TMLF?Supplier Device Package6-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 ⁴	Supplier Device Package	6-TMLF? (1.6x1.6)	
			Report errors?

MIC5387-SG4YMT-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.

MIC5387-SG4YMT-TR Payment Methods





If you have any question about MIC5387-SG4YMT-TR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com