

MIC94355-MYMT-T5

MIC94355-MYMT-T5 Information

	Part Number	MIC94355-MYMT-T5	
	Manufacturer	· Microchip Technology	
	Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear	
	Description	IC REG LINEAR 2.8V 500MA 6TDFN	
	Package	6-UFDFN Exposed Pad	
		For the pricing/inventory/lead time, please contact	
		us	
ly		Website: https://www.heisener.com	
		E-mail: salesdept@heisener.com	
y	Category Description	Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear IC REG LINEAR 2.8V 500MA 6TDFN 6-UFDFN Exposed Pad For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com	



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MIC94355-MYMT-T5 Specifications

Manufacturer Microchip Technology Manufacturer Microchip Technology Category Integrated Circuits (ICs) Package 6-UFDFN Exposed Pad Package Ripple Blocker? Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 3.6V Voltage - Output (Min/Fixed) 2.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.2V @ 500mA Current - Output S00mA Current - Quiescent (Iq) - Current - Supply (Max) 250µA PSRR SdB ~ 50dB (100Hz ~ 5MHz) 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		
CategoryIntegrated Circuits (ICs)Package6-UFDFN Exposed PadPackage6-UFDFN Exposed PadSeriesRipple Blocker?Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)3.6VVoltage - Output (Min/Fixed)2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.2V @ 500mACurrent - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)250µAPSRR85dB ~ 50dB (100Hz ~ 5MHz)Control FeaturesOver Current, Over TemperatureProtection FeaturesOver Current, Over TemperaturePoerating Temperature40°C ~ 125°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed Pad	Manufacturer Part Number	MIC94355-MYMT-T5
PMIC - Voltage Regulators - LinearPackage6-UFDFN Exposed PadPackageRipple Blocker?Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)3.6VVoltage - Output (Min/Fixed)2.8VVoltage - Output (Max)-Voltage - Output (Max)-Voltage - Output (Max)0.2V @ 500mACurrent - Output500mACurrent - Output250µAPSRR85dB ~ 50dB (100Hz ~ 5MHz)Control FeaturesOver Current, Over TemperatureProtection FeaturesOver Current, Over TemperatureOperating Temperature40°C ~ 125°CMounting TypeSufface MountPackage / Case6-UFDFN Exposed Pad	Manufacturer	Microchip Technology
Package6-UFDFN Exposed PadSeriesRipple Blocker?Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)3.6VVoltage - Output (Min/Fixed)2.8VVoltage - Output (Max).Voltage - Output (Max)0.2V @ 500mACurrent - Output500mACurrent - Output500mACurrent - Supply (Max)250µAPSRRSofB - SodB (100Hz ~ 5MHz)Control FeaturesEnableProtection Features-40°C ~ 125°CMounting Type6.UFDFN Exposed Pad	Category	Integrated Circuits (ICs)
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Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)3.6VVoltage - Output (Min/Fixed)2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.2V @ 500mACurrent - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)250µAPSRR85dB ~ 50dB (100Hz ~ 5MHz)Control FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed Pad	Package	6-UFDFN Exposed Pad
Output TypeFixedNumber of Regulators1Voltage - Input (Max)3.6VVoltage - Output (Min/Fixed)2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.2V @ 500mACurrent - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)250µAPSRR85dB ~ 50dB (100Hz ~ 5MHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting Type6-UFDFN Exposed Pad	Series	Ripple Blocker?
Number of Regulators1Number of Regulators3.6VVoltage - Input (Max)2.8VVoltage - Output (Min/Fixed)2.8VVoltage - Output (Max)0.2V @ 500mAVoltage Dropout (Max)0.2V @ 500mACurrent - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)250µAPSRR85dB ~ 50dB (100Hz ~ 5MHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed Pad	Output Configuration	Positive
Voltage - Input (Max) 3.6V Voltage - Output (Min/Fixed) 2.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.2V @ 500mA Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) 250µA PSRR 85dB ~ 50dB (100Hz ~ 5MHz) Control Features Dover 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	Output Type	Fixed
Voltage - Output (Min/Fixed)2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.2V @ 500mACurrent - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)250µAPSRR85dB ~ 50dB (100Hz ~ 5MHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed Pad	Number of Regulators	1
Voltage - Output (Max)-Voltage Dropout (Max)0.2V @ 500mACurrent - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)250μAPSRR85dB ~ 50dB (100Hz ~ 5MHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed Pad	Voltage - Input (Max)	3.6V
Voltage Dropout (Max)0.2V @ 500mACurrent - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)250μAPSRR85dB ~ 50dB (100Hz ~ 5MHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed Pad	Voltage - Output (Min/Fixed)	2.8V
Current - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)250μAPSRR85dB ~ 50dB (100Hz ~ 5MHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed Pad	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max)250μAPSRR85dB ~ 50dB (100Hz ~ 5MHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed Pad	Voltage Dropout (Max)	0.2V @ 500mA
Current - Supply (Max)250μAPSRR85dB ~ 50dB (100Hz ~ 5MHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed Pad	Current - Output	500mA
PSRR85dB ~ 50dB (100Hz ~ 5MHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed Pad	Current - Quiescent (Iq)	-
Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed Pad	Current - Supply (Max)	250μΑ
Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed Pad	PSRR	85dB ~ 50dB (100Hz ~ 5MHz)
Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-UFDFN Exposed Pad	Control Features	Enable
Mounting Type Surface Mount Package / Case 6-UFDFN Exposed Pad	Protection Features	Over Current, Over Temperature
Package / Case 6-UFDFN Exposed Pad	Operating Temperature	-40°C ~ 125°C
	Mounting Type	Surface Mount
Supplier Device Package6-TDFN (1.6x1.6)	Package / Case	6-UFDFN Exposed Pad
	Supplier Device Package	6-TDFN (1.6x1.6)
Report errors?		Report errors?

MIC94355-MYMT-T5 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.

MIC94355-MYMT-T5 Payment Methods





If you have any question about MIC94355-MYMT-T5, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com