

# 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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## **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.



### 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)
Kingle 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 - Output (Max)     0.2V @ 500mA       Current - Output     500mA       Current - Quiescent (Iq)     -       Current - Supply (Max)     250µA       PSRR     85dB ~ 50dB (100Hz ~ 5MHz)       Control Features     Enable       Protection Features     Over Current, Over Temperature       Operating Temperature     Surface Mount       Package / Case     6-UFDFN Exposed Pad		PMIC - Voltage Regulators - Linear
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