



MIC5317-3.3YMT-TZ Information



For Reference Only

Part Number MIC5317-3.3YMT-TZ
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 3.3V 150MA 4DFN

Package 4-UDFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

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



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MIC5317-3.3YMT-TZ Specifications

Manufacturer Part Number MiC5317-3.3YMT-TZ Manufacturer Microchip Technology Category Integrated Circuits (ICs) Package 4-UDFN Exposed Pad Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.31V @ 150mA Current - Output 150mA Current - Supply (Max) 39μA PSRR 80dB ~ 65dB (1kHz ~ 10kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 4-UDFN Exposed Pad Supplier Device Package 4-DFN (1x1)		
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Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.31V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 39μA PSRR 80dB ~ 65dB (1kHz ~ 10kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 4-UDFN Exposed Pad Supplier Device Package 4-DFN (1x1)		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)6VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.31V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)39µAPSRR80dB ~ 65dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case4-UDFN Exposed PadSupplier Device Package4-DFN (1x1)	Package	4-UDFN Exposed Pad
Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 6V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.31V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 39μA PSRR 80dB ~ 65dB (1kHz ~ 10kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 4-UDFN Exposed Pad Supplier Device Package 4-DFN (1x1)	Series	-
Number of Regulators Voltage - Input (Max) Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) Current - Supply (Max) PSRR 80dB ~ 65dB (1kHz ~ 10kHz) Control Features Protection Features Over Current, Over Temperature Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case Supplier Device Package 4-DFN (1x1)	Output Configuration	Positive
Voltage - Input (Max)6VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.31V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)39μAPSRR80dB ~ 65dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case4-UDFN Exposed PadSupplier Device Package4-DFN (1x1)	Output Type	Fixed
Voltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.31V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)39μAPSRR80dB ~ 65dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case4-UDFN Exposed PadSupplier Device Package4-DFN (1x1)	Number of Regulators	1
Voltage - Output (Max)-Voltage Dropout (Max)0.31V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)39μAPSRR80dB ~ 65dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case4-UDFN Exposed PadSupplier Device Package4-DFN (1x1)	Voltage - Input (Max)	6V
Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 80dB ~ 65dB (1kHz ~ 10kHz) Control Features Protection Features Operating Temperature Operating Type Surface Mount Package / Case 4-UDFN Exposed Pad Supplier Device Package	Voltage - Output (Min/Fixed)	3.3V
Current - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)39μAPSRR80dB ~ 65dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case4-UDFN Exposed PadSupplier Device Package4-DFN (1x1)	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max)39μAPSRR80dB ~ 65dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case4-UDFN Exposed PadSupplier Device Package4-DFN (1x1)	Voltage Dropout (Max)	0.31V @ 150mA
Current - Supply (Max) PSRR 80dB ~ 65dB (1kHz ~ 10kHz) Control Features Enable Protection Features Over Current, Over Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 4-UDFN Exposed Pad Supplier Device Package 4-DFN (1x1)	Current - Output	150mA
PSRR 80dB ~ 65dB (1kHz ~ 10kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 4-UDFN Exposed Pad Supplier Device Package 4-DFN (1x1)	Current - Quiescent (Iq)	-
Control Features Protection Features Over Current, Over Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 4-UDFN Exposed Pad Supplier Device Package 4-DFN (1x1)	Current - Supply (Max)	39μΑ
Protection Features Over Current, Over Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount $ \text{Package / Case} $ 4-UDFN Exposed Pad $ \text{Supplier Device Package} $ 4-DFN (1x1)	PSRR	80dB ~ 65dB (1kHz ~ 10kHz)
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 4-UDFN Exposed Pad Supplier Device Package 4-DFN (1x1)	Control Features	Enable
Mounting Type Surface Mount Package / Case 4-UDFN Exposed Pad Supplier Device Package 4-DFN (1x1)	Protection Features	Over Current, Over Temperature
Package / Case 4-UDFN Exposed Pad Supplier Device Package 4-DFN (1x1)	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 4-DFN (1x1)	Mounting Type	Surface Mount
	Package / Case	4-UDFN Exposed Pad
Report errors?	Supplier Device Package	4-DFN (1x1)
		Report errors

MIC5317-3.3YMT-TZ 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.

MIC5317-3.3YMT-TZ Payment Methods



















MIC5317-3.3YMT-TZ Shipping Methods













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