



MIC5376-2.8YMT-TZ Information



For Reference Only

Part NumberMIC5376-2.8YMT-TZManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)

PMIC - Voltage Regulators - Linear IC REG LINEAR 2.8V 150MA 4TMLF

Package 4-UDFN Exposed Pad, 4-TMLF?

For the pricing/inventory/lead time, please contact

us

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



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Description









MIC5376-2.8YMT-TZ Specifications

Manufacturer Part Number Microchip Technology Category Integrated Circuits (ICs) Package 4-UDFN Exposed Pad, 4-TMLF? Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5 V Voltage - Output (Min/Fixed) 2.8 V Voltage - Output (Max) - Voltage - Output (Max) 0.2 V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 45µA PSRR 60dB ~ 50dB (1kHz ~ 10kHz) Control Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 4-UDFN Exposed Pad, 4-TMLF? Supplier Device Package 4-TMLF? (1x1)		
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Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.2V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 45µA PSRR 60dB ~ 50dB (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, 4-TMLF? Supplier Device Package 4-TMLF? (1x1)		PMIC - Voltage Regulators - Linear
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Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.2V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)45μAPSRR60dB ~ 50dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case4-UDFN Exposed Pad, 4-TMLF?Supplier Device Package4-TMLF? (1x1)	Output Type	Fixed
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Voltage - Output (Max) Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 60dB ~ 50dB (1kHz ~ 10kHz) Control Features Enable Protection Features Operating Temperature Operating Temperature A-0°C ~ 125°C Mounting Type Surface Mount Package / Case Supplier Device Package 4-TMLF? (1x1)	Voltage - Input (Max)	5.5V
Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 60dB ~ 50dB (1kHz ~ 10kHz) Control Features Enable Protection Features Operating Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 4-UDFN Exposed Pad, 4-TMLF? Supplier Device Package	Voltage - Output (Min/Fixed)	2.8V
Current - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)45μAPSRR60dB ~ 50dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case4-UDFN Exposed Pad, 4-TMLF?Supplier Device Package4-TMLF? (1x1)	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) PSRR 60dB ~ 50dB (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, 4-TMLF? Supplier Device Package 4-TMLF? (1x1)	Voltage Dropout (Max)	0.2V @ 150mA
Current - Supply (Max) PSRR 60dB ~ 50dB (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, 4-TMLF? Supplier Device Package 4-TMLF? (1x1)	Current - Output	150mA
PSRR 60dB ~ 50dB (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, 4-TMLF? Supplier Device Package 4-TMLF? (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, 4-TMLF? Supplier Device Package 4-TMLF? (1x1)	Current - Supply (Max)	45μΑ
Protection Features Over Current, Over Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 4-UDFN Exposed Pad, 4-TMLF? Supplier Device Package 4-TMLF? (1x1)	PSRR	60dB ~ 50dB (1kHz ~ 10kHz)
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 4-UDFN Exposed Pad, 4-TMLF? Supplier Device Package 4-TMLF? (1x1)	Control Features	Enable
Mounting Type Surface Mount Package / Case 4-UDFN Exposed Pad, 4-TMLF? Supplier Device Package 4-TMLF? (1x1)	Protection Features	Over Current, Over Temperature
Package / Case 4-UDFN Exposed Pad, 4-TMLF? Supplier Device Package 4-TMLF? (1x1)	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 4-TMLF? (1x1)	Mounting Type	Surface Mount
. , ,	Package / Case	4-UDFN Exposed Pad, 4-TMLF?
Report errors?	Supplier Device Package	4-TMLF? (1x1)
		Report errors

MIC5376-2.8YMT-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.

MIC5376-2.8YMT-TZ Payment Methods



















MIC5376-2.8YMT-TZ Shipping Methods













If you have any question about MIC5376-2.8YMT-TZ, please do not hesitate to contact us!

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