



MIC5302-1.8YMT-TR Information



For Reference Only

Part Number MIC5302-1.8YMT-TR
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 1.8V 150MA 4TMLF **Package** 4-UFDFN 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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MIC5302-1.8YMT-TR Specifications

Integrated Circuits (ICs)		
Integrated Circuits (ICs)	Manufacturer Part Number	MIC5302-1.8YMT-TR
PMIC - Voltage Regulators - Linear	Manufacturer	Microchip Technology
Package 4-UFDFN Exposed Pad, 4-TMLF? Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) - Voltage - Output (Max) - Voltage Dropout (Max) - Voltage Dropout (Max) 0.1V @ 150mA Current - Output Output (Iq) - Current - Supply (Max) 120µA PSRR 65dB ~ 42dB (1kHz ~ 20kHz) Control Features Protection Features Over Current, Over Temperature Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case 4-UFDFN Exposed Pad, 4-TMLF? Supplier Device Package 4-TMLF? (1.2x1.6)	Category	Integrated Circuits (ICs)
Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.1V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 120μA PSRR 65dB ~ 42dB (1kHz ~ 20kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 4-UFDFN Exposed Pad, 4-TMLF? Supplier Device Package 4-TMLF? (1.2x1.6)		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.1V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)120μAPSRR65dB ~ 42dB (1kHz ~ 20kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case4-UFDFN Exposed Pad, 4-TMLF?Supplier Device Package4-TMLF? (1.2x1.6)	Package	4-UFDFN Exposed Pad, 4-TMLF?
Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.1V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 120μA PSRR 65dB ~ 42dB (1kHz ~ 20kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 4-UFDFN Exposed Pad, 4-TMLF? Supplier Device Package 4-TMLF? (1.2x1.6)	Series	-
Number of Regulators Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.1V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 65dB ~ 42dB (1kHz ~ 20kHz) Control Features Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 4-UFDFN Exposed Pad, 4-TMLF? Supplier Device Package	Output Configuration	Positive
Voltage - Input (Max) Voltage - Output (Min/Fixed) 1.8V Voltage - Output (Max) - Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 65dB ~ 42dB (1kHz ~ 20kHz) Control Features Protection Features Operating Temperature Operating Type Mounting Type Surface Mount Package / Case 4-UFDFN Exposed Pad, 4-TMLF? Supplier Device Package	Output Type	Fixed
Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 65dB ~ 42dB (1kHz ~ 20kHz) Control Features Protection Features Over Current, Over Temperature Operating Temperature 4-0°C ~ 125°C Mounting Type Surface Mount Package / Case 4-UFDFN Exposed Pad, 4-TMLF? Supplier Device Package	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 65dB ~ 42dB (1kHz ~ 20kHz) Control Features Protection Features Operating Temperature Operating Type Surface Mount Package / Case Supplier Device Package - UTV @ 150mA - 120μA - Current - Quiescent (Iq) - Current - Supply (Max) - Current - Quiescent (Iq) - Current - Quiescent (Voltage - Input (Max)	5.5V
Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 65dB ~ 42dB (1kHz ~ 20kHz) Control Features Protection Features Operating Temperature Operating Type Surface Mount Package / Case 4-UFDFN Exposed Pad, 4-TMLF? Supplier Device Package	Voltage - Output (Min/Fixed)	1.8V
Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR 65dB ~ 42dB (1kHz ~ 20kHz) Control Features Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 4-UFDFN Exposed Pad, 4-TMLF? Supplier Device Package	Voltage - Output (Max)	-
Current - Quiescent (Iq) Current - Supply (Max) PSRR 65dB ~ 42dB (1kHz ~ 20kHz) Control Features Enable Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 4-UFDFN Exposed Pad, 4-TMLF? Supplier Device Package 4-TMLF? (1.2x1.6)	Voltage Dropout (Max)	0.1V @ 150mA
Current - Supply (Max) PSRR 65dB ~ 42dB (1kHz ~ 20kHz) Control Features Enable Protection Features Over Current, Over Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 4-UFDFN Exposed Pad, 4-TMLF? Supplier Device Package	Current - Output	150mA
PSRR 65dB ~ 42dB (1kHz ~ 20kHz) Control Features Enable Protection Features Over Current, Over Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 4-UFDFN Exposed Pad, 4-TMLF? Supplier Device Package 4-TMLF? (1.2x1.6)	Current - Quiescent (Iq)	-
Control Features Protection Features Over Current, Over Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 4-UFDFN Exposed Pad, 4-TMLF? Supplier Device Package 4-TMLF? (1.2x1.6)	Current - Supply (Max)	120μΑ
Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 4-UFDFN Exposed Pad, 4-TMLF? Supplier Device Package 4-TMLF? (1.2x1.6)	PSRR	65dB ~ 42dB (1kHz ~ 20kHz)
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 4-UFDFN Exposed Pad, 4-TMLF? Supplier Device Package 4-TMLF? (1.2x1.6)	Control Features	Enable
Mounting Type Surface Mount Package / Case 4-UFDFN Exposed Pad, 4-TMLF? Supplier Device Package 4-TMLF? (1.2x1.6)	Protection Features	Over Current, Over Temperature
Package / Case 4-UFDFN Exposed Pad, 4-TMLF? Supplier Device Package 4-TMLF? (1.2x1.6)	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 4-TMLF? (1.2x1.6)	Mounting Type	Surface Mount
	Package / Case	4-UFDFN Exposed Pad, 4-TMLF?
Report errors?	Supplier Device Package	4-TMLF? (1.2x1.6)
		Report errors

MIC5302-1.8YMT-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.

MIC5302-1.8YMT-TR Payment Methods



















MIC5302-1.8YMT-TR Shipping Methods













If you have any question about MIC5302-1.8YMT-TR, please do not hesitate to contact us!

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