



MIC5305-2.7BML-TR Information



For Reference Only

Part Number MIC5305-2.7BML-TR
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear IC REG LINEAR 2.7V 150MA 6MLF

Package 6-VQFN Exposed Pad, 6-MLF?

For the pricing/inventory/lead time, please contact

us

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



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Description









MIC5305-2.7BML-TR Specifications

Manufacturer Part Number MIC5305-2.7BML-TR Manufacturer Microchip Technology Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 6-VQFN Exposed Pad, 6-MLF? Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.7V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 150mA Current - Supply (Max) 150mA Current - Supply (Max) 150µA PSRR 85dB ~ 65dB (1kHz ~ 10kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-VQFN Exposed Pad, 6-MLF? Supplier Device Package 6-MLF? (2x2)			
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Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.7V Voltage - Output (Max) - Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 150µA PSRR 85dB ~ 65dB (1kHz ~ 10kHz) Control Features Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-VQFN Exposed Pad, 6-MLF? Supplier Device Package 6-MLF? (2x2)		PMIC - Voltage Regulators - Linear	
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.7VVoltage - Output (Max)-Voltage Dropout (Max)-Current - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)150μAPSRR85dB ~ 65dB (1kHz ~ 10kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case6-VQFN Exposed Pad, 6-MLF?Supplier Device Package6-MLF? (2x2)	Package	6-VQFN Exposed Pad, 6-MLF?	
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Voltage - Output (Max) Voltage Dropout (Max) - Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 85dB ~ 65dB (1kHz ~ 10kHz) Control Features Enable Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case Supplier Device Package 6-MLF? (2x2)	Voltage - Input (Max)	5.5V	
Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 85dB ~ 65dB (1kHz ~ 10kHz) Control Features Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-VQFN Exposed Pad, 6-MLF? Supplier Device Package	Voltage - Output (Min/Fixed)	2.7V	
Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR 85dB ~ 65dB (1kHz ~ 10kHz) Control Features Protection Features Operating Temperature Operating Type Surface Mount Package / Case 6-VQFN Exposed Pad, 6-MLF? Supplier Device Package	Voltage - Output (Max)	-	
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Current - Supply (Max) PSRR 85dB ~ 65dB (1kHz ~ 10kHz) Control Features Enable Protection Features Over Current, Over Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-VQFN Exposed Pad, 6-MLF? Supplier Device Package	Current - Output	150mA	
PSRR 85dB ~ 65dB (1kHz ~ 10kHz) Control Features Enable Protection Features Over Current, Over Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-VQFN Exposed Pad, 6-MLF? Supplier Device Package 6-MLF? (2x2)	Current - Quiescent (Iq)	-	
Control Features Protection Features Over Current, Over Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-VQFN Exposed Pad, 6-MLF? Supplier Device Package 6-MLF? (2x2)	Current - Supply (Max)	150μΑ	
Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-VQFN Exposed Pad, 6-MLF? Supplier Device Package 6-MLF? (2x2)	PSRR	85dB ~ 65dB (1kHz ~ 10kHz)	
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 6-VQFN Exposed Pad, 6-MLF? Supplier Device Package 6-MLF? (2x2)	Control Features	Enable	
Mounting Type Surface Mount Package / Case 6-VQFN Exposed Pad, 6-MLF? Supplier Device Package 6-MLF? (2x2)	Protection Features	Over Current, Over Temperature	
Package / Case 6-VQFN Exposed Pad, 6-MLF? Supplier Device Package 6-MLF? (2x2)	Operating Temperature	-40°C ~ 125°C	
Supplier Device Package 6-MLF? (2x2)	Mounting Type	Surface Mount	
	Package / Case	6-VQFN Exposed Pad, 6-MLF?	
Report errors?	Supplier Device Package	6-MLF? (2x2)	
		Re	eport errors?

MIC5305-2.7BML-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.

MIC5305-2.7BML-TR Payment Methods



















MIC5305-2.7BML-TR Shipping Methods













If you have any question about MIC5305-2.7BML-TR, please do not hesitate to contact us!

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