

MIC2214-LMYML-TR

MIC2214-LMYML-TR Information



For Reference Only

Part Number MIC2214-LMYML-TR Manufacturer Microchip Technology Integrated Circuits (ICs) Category

PMIC - Voltage Regulators - Linear **Description** IC REG LINEAR 2.7V/2.8V 10MLF 10-VFDFN Exposed Pad, 10-MLF?

For the pricing/inventory/lead time, please contact

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

Package









MIC2214-LMYML-TR Specifications

Manufacturer Part Number MiC2214-LMYML-TR Manufacturer Microchip Technology Category Integrated Circuits (ICs) Package 10-VFDFN Exposed Pad, 10-MLF? Series - Output Configuration Positive Output Type Fixed Number of Regulators 2 Voltage - Input (Max) 5.5 V Voltage - Output (Min/Fixed) 2.7V, 2.8V Voltage - Output (Max) - Voltage - Output (Max) 0.25V @ 150mA, 0.42V @ 300mA Current - Output 150mA, 300mA Current - Supply (Max) 80μA PSRR 60dB ~ 40dB (1KHz ~ 20kHz) Control Features 60dB ~ 40dB (1KHz ~ 20kHz) Control Features Over Current, Over Temperature Protection Features Over Current, Over Temperature Mounting Type Surface Mount Package / Case 10-VFDFN Exposed Pad, 10-MLF? Supplier Device Package 10-MLF? (3x3)		
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Voltage - Output (Min/Fixed)2.7V, 2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.25V @ 150mA, 0.42V @ 300mACurrent - Output150mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)80μAPSRR60dB ~ 40dB (1KHz ~ 20kHz)Control FeaturesEnable, Power On ResetProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad, 10-MLF?Supplier Device Package10-MLF? (3x3)	Number of Regulators	2
Voltage - Output (Max) Voltage Dropout (Max) 0.25V @ 150mA, 0.42V @ 300mA Current - Output 150mA, 300mA Current - Quiescent (Iq) - Current - Supply (Max) 80μA PSRR 60dB ~ 40dB (1KHz ~ 20kHz) Control Features Enable, Power On Reset Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 10-VFDFN Exposed Pad, 10-MLF? Supplier Device Package	Voltage - Input (Max)	5.5V
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Current - Output150mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)80μAPSRR60dB ~ 40dB (1KHz ~ 20kHz)Control FeaturesEnable, Power On ResetProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad, 10-MLF?Supplier Device Package10-MLF? (3x3)	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max)80μAPSRR60dB ~ 40dB (1KHz ~ 20kHz)Control FeaturesEnable, Power On ResetProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad, 10-MLF?Supplier Device Package10-MLF? (3x3)	Voltage Dropout (Max)	0.25V @ 150mA, 0.42V @ 300mA
Current - Supply (Max)80μAPSRR60dB ~ 40dB (1KHz ~ 20kHz)Control FeaturesEnable, Power On ResetProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad, 10-MLF?Supplier Device Package10-MLF? (3x3)	Current - Output	150mA, 300mA
PSRR 60dB ~ 40dB (1KHz ~ 20kHz) Control Features Enable, Power On Reset Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 10-VFDFN Exposed Pad, 10-MLF? Supplier Device Package 10-MLF? (3x3)	Current - Quiescent (Iq)	-
Control Features Enable, Power On Reset Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 10-VFDFN Exposed Pad, 10-MLF? Supplier Device Package 10-MLF? (3x3)	Current - Supply (Max)	80μΑ
Protection Features Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 10-VFDFN Exposed Pad, 10-MLF? Supplier Device Package 10-MLF? (3x3)	PSRR	60dB ~ 40dB (1KHz ~ 20kHz)
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 10-VFDFN Exposed Pad, 10-MLF? Supplier Device Package 10-MLF? (3x3)	Control Features	Enable, Power On Reset
Mounting Type Surface Mount Package / Case 10-VFDFN Exposed Pad, 10-MLF? Supplier Device Package 10-MLF? (3x3)	Protection Features	Over Current, Over Temperature
Package / Case 10-VFDFN Exposed Pad, 10-MLF? Supplier Device Package 10-MLF? (3x3)	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 10-MLF? (3x3)	Mounting Type	Surface Mount
	Package / Case	10-VFDFN Exposed Pad, 10-MLF?
Report errors?	Supplier Device Package	10-MLF? (3x3)
		Report errors?

MIC2214-LMYML-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.

MIC2214-LMYML-TR Payment Methods



















MIC2214-LMYML-TR Shipping Methods













If you have any question about MIC2214-LMYML-TR, please do not hesitate to contact us!

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