



MIC2214-JQBML TR Information



For Reference Only

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

PMIC - Voltage Regulators - Linear

Description IC REG LINEAR 2.5V/3.1V 10MLF

Package 10-VFDFN Exposed Pad, 10-MLF?

For the pricing/inventory/lead time, please contact

us

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



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MIC2214-JQBML TR Specifications

Integrated Circuits (ICs)		
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 10-VFDFN Exposed Pad, 10-MLF? Series - Output Configuration Positive Output Type Fixed Number of Regulators 2 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.5V, 3.1V 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 10-MLF? (3x3)	Manufacturer Part Number	MIC2214-JQBML TR
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Series - Output Configuration Positive Output Type Fixed Number of Regulators 2 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.5V, 3.1V 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 10-MLF? (3x3)		PMIC - Voltage Regulators - Linear
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Output TypeFixedNumber of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.5V, 3.1VVoltage - 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)	Series	-
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Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.5V, 3.1V 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 Protection Features Over Current, Over Temperature Operating Temperature Operating Type Surface Mount Package / Case 10-VFDFN Exposed Pad, 10-MLF? Supplier Device Package 10-MLF? (3x3)	Output Type	Fixed
Voltage - Output (Min/Fixed) Voltage - Output (Max) Voltage Dropout (Max) 0.25V @ 150mA, 0.42V @ 300mA Current - Output 150mA, 300mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 60dB ~ 40dB (1KHz ~ 20kHz) Control Features 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	Number of Regulators	2
Voltage - Output (Max) Voltage Dropout (Max) Current - Output 150mA, 300mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 60dB ~ 40dB (1KHz ~ 20kHz) Control Features Protection Features Operating Temperature Operating Type Surface Mount Package / Case Supplier Device Package - 0.25V @ 150mA, 0.42V @ 300mA 150mA, 300mA - Current - Quiescent (Iq) - Current - Quiescent (Iq) - Current - Supply (Max) Power On Reset Over Current, Over Temperature -40°C ~ 125°C Surface Mount 10-VFDFN Exposed Pad, 10-MLF? Supplier Device Package	Voltage - Input (Max)	5.5V
Voltage Dropout (Max) O.25V @ 150mA, 0.42V @ 300mA Current - Output 150mA, 300mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 60dB ~ 40dB (1KHz ~ 20kHz) Control Features 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)	Voltage - Output (Min/Fixed)	2.5V, 3.1V
Current - Output Current - Quiescent (Iq) Current - Supply (Max) PSRR 60dB ~ 40dB (1KHz ~ 20kHz) Control Features Protection Features Operating Temperature Operating Type Surface Mount Package / Case 10-VFDFN Exposed Pad, 10-MLF? Supplier Device Package	Voltage - Output (Max)	-
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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 Over Current, Over Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case $10\text{-VFDFN Exposed Pad, } 10\text{-MLF?}$ Supplier Device Package $10\text{-MLF? } (3\text{x}3)$	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-JQBML 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-JQBML TR Payment Methods



















MIC2214-JQBML TR Shipping Methods













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

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