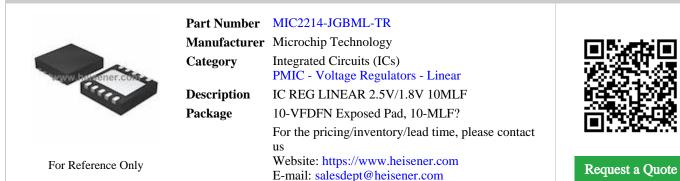


## MIC2214-JGBML-TR

#### MIC2214-JGBML-TR Information



### **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.



### **MIC2214-JGBML-TR Specifications**

Manufacturer       Microchip Technology         Manufacturer       Microchip Technology         Category       Integrated Circuits (ICs)         PMIC - Voltage Regulators - Linear       PMIC - Voltage Regulators - Linear         Package       10-VFDFN Exposed Pad, 10-MLF?         Series       -         Dutput Configuration       Positive         Dutput Type       Fixed         Number of Regulators       2         Voltage - Input (Max)       5.5V         Voltage - Output (Min/Fixed)       2.5V, 1.8V         Voltage Dropout (Max)       -         Voltage Dropout (Max)       -         Current - Output       5.5V @ 300mA         Current - Output       150mA, 0.42V @ 300mA         Current - Quipuscent (Iq)       -         Current - Supply (Max)       80µA         PSRR       60dB ~ 40dB (1KHz ~ 20kHz)         Control Features       Finable, Power On Reset         Protection Features       Over Current, Over Temperature         Operating Temperature       -40°C ~ 125°C         Mounting Type       Surface Mount		
CategoryIntegrated Circuits (ICs)PAckagePMIC - Voltage Regulators - LinearPackage10-VFDFN Exposed Pad, 10-MLF?Series-Dutput ConfigurationPositiveDutput ConfigurationPositiveNumber of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.5V, 1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.25V @ 150mA, 0.42V @ 300mACurrent - Output150mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)80µAPSRR60dB ~ 40dB (1KHz ~ 20kHz)Control FeaturesOver Current, Over TemperatureProtection FeaturesOver Current, Over TemperaturePoperating Temperature40°C ~ 125°CMounting TypeSurface Mount	Manufacturer Part Number	MIC2214-JGBML-TR
PMIC - Voltage Regulators - Linear         Package       10-VFDFN Exposed Pad, 10-MLF?         Series       -         Dutput Configuration       Positive         Dutput Type       Fixed         Number of Regulators       2         Voltage - Input (Max)       5.5V         Voltage - Output (Min/Fixed)       2.5V, 1.8V         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	Manufacturer	Microchip Technology
Package       10-VFDFN Exposed Pad, 10-MLF?         Series       -         Dutput Configuration       Positive         Dutput Ypp       Fixed         Number of Regulators       2         Voltage - Input (Max)       5.5V         Voltage - Output (Min/Fixed)       2.5V, 1.8V         Voltage - Output (Max)       -         Voltage Dopout (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       Over Current, Over Temperature         Protection Features       Over Current, Over Temperature         Operating Temperature       Surface Mount	Category	Integrated Circuits (ICs)
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Dutput TypeFixedNumber of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.5V, 1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.25V @ 150mA, 0.42V @ 300mACurrent - Output150mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)80µAPSRR60dB ~ 40dB (1KHz ~ 20kHz)Control FeaturesFnable, Power On ResetProtection Features-Operating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Series	-
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Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.5V, 1.8VVoltage - Output (Max)-Voltage Dropout (Max)0.25V @ 150mA, 0.42V @ 300mACurrent - Output150mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)80µAPSRR60dB ~ 40dB (1KHz ~ 20kHz)Control FeaturesDover Current, Over TemperatureProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Output Type	Fixed
Voltage - Output (Min/Fixed)2.5V, 1.8VVoltage - 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 Mount	Number of Regulators	2
Voltage - 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 Mount	Voltage - Input (Max)	5.5V
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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 Mount	Voltage Dropout (Max)	0.25V @ 150mA, 0.42V @ 300mA
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Control FeaturesEnable, Power On ResetProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Current - Supply (Max)	80μΑ
Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount	PSRR	60dB ~ 40dB (1KHz ~ 20kHz)
Operating Temperature   -40°C ~ 125°C     Mounting Type   Surface Mount	Control Features	Enable, Power On Reset
Mounting Type Surface Mount	Protection Features	Over Current, Over Temperature
	Operating Temperature	-40°C ~ 125°C
Package / Case 10-VFDFN Exposed Pad, 10-MLF?	Mounting Type	Surface Mount
	Package / Case	10-VFDFN Exposed Pad, 10-MLF?
Supplier Device Package10-MLF? (3x3)	Supplier Device Package	10-MLF? (3x3)
Report errors?		Report errors?

#### **MIC2214-JGBML-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 BUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

DISCOVER

#### MIC2214-JGBML-TR Payment Methods



#### MIC2214-JGBML-TR Shipping Methods



If you have any question about MIC2214-JGBML-TR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com