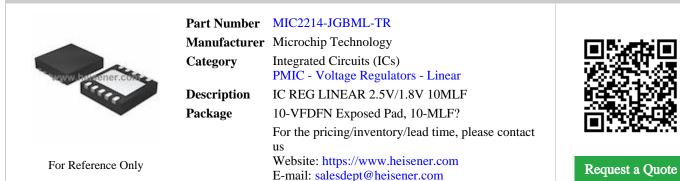


MIC2214-JGBML-TR

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)
Series-Series-Dutput ConfigurationPositiveDutput 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 FeaturesDver Current, Over TemperatureProtection FeaturesOver Current, Over TemperatureOperating Temperature40°C ~ 125°CMounting TypeSurface Mount		PMIC - Voltage Regulators - Linear
Dutput ConfigurationPositiveDutput TypeFixedSoutput Type2Number 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 FeaturesDever On ResetProtection FeaturesOver Current, Over TemperatureOperating Temperature40°C ~ 125°CMounting TypeSurface Mount	Package	10-VFDFN Exposed Pad, 10-MLF?
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	-
Number of Regulators2Number of Regulators2.5VVoltage - 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 FeaturesEnable, Power On ResetProtection FeaturesOver Current, Over TemperatureOperating Temperature40°C ~ 125°CMounting TypeSurface Mount	Output Configuration	Positive
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
Woltage 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 - Output (Min/Fixed)	2.5V, 1.8V
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 Mount	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 Mount	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 Mount	Current - Output	150mA, 300mA
PSRR60dB ~ 40dB (1KHz ~ 20kHz)Control FeaturesEnable, Power On ResetProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Current - Quiescent (Iq)	-
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