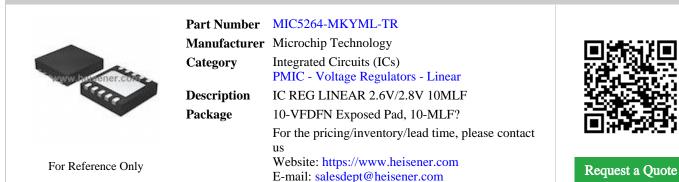


MIC5264-MKYML-TR

MIC5264-MKYML-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.



MIC5264-MKYML-TR Specifications

Manufacturer Microchi Technology Manufacturer Microchi Technology Category 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) 2.6V, 2.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.5V @ 150mA, 0.5V @ 150mA Current - Output 150mA, 150mA Current - Quiescent (lq) - Current - Supply (Max) 2µA ~ 150µA PSRR 64dB ~ 62dB (1kHz ~ 100Hz) Control Features Dover Temperature, Under Voltage Lockout (UVLO) Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 10-VFDFN Exposed Pad, 10-MLF? Supplier Device Package 10-VFDFN Exposed Pad, 10-MLF?		
CategoryIntegrated Circuits (Cs)PMIC - Voltage Regulators - LinearPackage10-VFDFN Exposed Pad, 10-MLF?Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.6V, 2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 150mA, 0.5V @ 150mACurrent - Output150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)2 μ A ~ 150 μ APSRR64dB ~ 62dB (1kHz ~ 100Hz)Control FeaturesDver Temperature, Under Voltage Lockout (UVLO)Operating Temperature40°C ~ 125°CMounting TypeSurface MountPackage / Case10-WFDFN Exposed Pad, 10-MLF?Supplier Device Package10-MLF? (3x3)	Manufacturer Part Number	MIC5264-MKYML-TR
PMIC - Voltage Regulators - LinearPackage10-VFDFN Exposed Pad, 10-MLF?Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.6V, 2.8VVoltage - Output (Max)-Voltage Dorpout (Max)0.5V @ 150mA, 0.5V @ 150mACurrent - Output150mA, 150mACurrent - Output2.4V ~ 150μACurrent - Quiescent (Iq)-Current - Supply (Max)2.4V ~ 150μAPSRR64dB ~ 62dB (1kHz ~ 100Hz)Control FeaturesDover Temperature, Under Voltage Lockout (UVLO)Operating Temperature4.0°C ~ 125°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad, 10-MLF?Supplier Device Package10-MLF? (3x3)	Manufacturer	Microchip Technology
Package10-VFDFN Exposed Pad, 10-MLF?Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.6V, 2.8VVoltage - Output (Max)-Voltage Dorpout (Max)0.5V @ 150mA, 0.5V @ 150mACurrent - Output150mA, 150mACurrent - Output2.4V ~ 150µACurrent - Quiescent (Iq)-Current - Supply (Max)2.4V ~ 150µAPSRR64dB ~ 62dB (1kHz ~ 100Hz)Control FeaturesOver Temperature, Under Voltage Lockout (UVLO)Operating Temperature4.0°C ~ 125°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad, 10-MLF?Supplier Device Package10-MLF? (3x3)	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.6V, 2.8VVoltage - Output (Max)-Voltage - Output (Max)0.5V @ 150mA, 0.5V @ 150mAVoltage Dropout (Max)0.5V @ 150mA, 0.5V @ 150mACurrent - Output150mA, 150mACurrent - Output-Current - Quiescent (Iq)-PSRR64B ~ 62B (1kHz ~ 100Hz)Portection FeaturesDver Temperature, Under Voltage Lockout (UVLO)Operating Temperature-Mounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad, 10-MLF?Supplier Device Package10-MLF? (3x3)		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.6V, 2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 150mA, 0.5V @ 150mACurrent - Output150mA, 150mA, 0.5V @ 150mACurrent - Quiescent (Iq)-Current - Supply (Max)2µA ~ 150µAPSRR64dB ~ 62dB (1kHz ~ 100Hz)Control FeaturesFower Temperature, Under Voltage Lockout (UVLO)Operating Temperature40°C ~ 125°CMounting TypeSurface MountPackage / Case10-VLFDFN Exposed Pad, 10-MLF?Supplier Device Package10-MLF? (3x3)	Package	10-VFDFN Exposed Pad, 10-MLF?
Output TypeFixedNumber of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.6V, 2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 150mA, 0.5V @ 150mACurrent - Output150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)2µA ~ 150µAPSRR64dB ~ 62dB (1kHz ~ 100Hz)Control FeaturesEnableProtection FeaturesOver Temperature, Under Voltage Lockout (UVLO)Operating Temperature40°C ~ 125°CMounting TypeSurface MountPackage / Case10-MLF? (3x3)	Series	-
Number of Regulators2Number of Regulators5.5VVoltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.6V, 2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 150mA, 0.5V @ 150mACurrent - Output150mA, 150mACurrent - Output150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)2µA ~ 150µAPSRR64dB ~ 62dB (1kHz ~ 100Hz)Control FeaturesDover Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad, 10-MLF?Supplier Device Package10-MLF? (3x3)	Output Configuration	Positive
Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.6V, 2.8V Voltage - Output (Max) - Voltage Dropout (Max) 0.5V @ 150mA, 0.5V @ 150mA Current - Output 150mA, 150mA Current - Quiescent (Iq) - Current - Supply (Max) 2µA ~ 150µA PSRR 64dB ~ 62dB (1kHz ~ 100Hz) Control Features Dver Temperature, Under Voltage Lockout (UVLO) Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 10-VFDFN Exposed Pad, 10-MLF? Supplier Device Package 10-MLF? (3x3)	Output Type	Fixed
Voltage - Output (Min/Fixed)2.6V, 2.8VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 150mA, 0.5V @ 150mACurrent - Output150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)2μA ~ 150μAPSRR64dB ~ 62dB (1kHz ~ 100Hz)Control FeaturesEnableProtection FeaturesOver Temperature, Under Voltage Lockout (UVLO)Operating 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)0.5V @ 150mA, 0.5V @ 150mACurrent - Output150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)2μA ~ 150μAPSRR64dB ~ 62dB (1kHz ~ 100Hz)Control FeaturesEnableProtection FeaturesOver Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad, 10-MLF?Supplier Device Package10-MLF? (3x3)	Voltage - Input (Max)	5.5V
Voltage Dropout (Max)0.5V @ 150mA, 0.5V @ 150mACurrent - Output150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)2µA ~ 150µAPSRR64dB ~ 62dB (1kHz ~ 100Hz)Control FeaturesEnableProtection FeaturesOver Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad, 10-MLF?Supplier Device Package10-MLF? (3x3)	Voltage - Output (Min/Fixed)	2.6V, 2.8V
Current - Output150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)2μA ~ 150μAPSRR64dB ~ 62dB (1kHz ~ 100Hz)Control FeaturesEnableProtection FeaturesOver Temperature, Under Voltage Lockout (UVLO)Operating 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)2μA ~ 150μAPSRR64dB ~ 62dB (1kHz ~ 100Hz)Control FeaturesEnableProtection FeaturesOver Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad, 10-MLF?Supplier Device Package10-MLF? (3x3)	Voltage Dropout (Max)	0.5V @ 150mA, 0.5V @ 150mA
Current - Supply (Max)2μA ~ 150μAPSRR64dB ~ 62dB (1kHz ~ 100Hz)Control FeaturesEnableProtection FeaturesOver Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad, 10-MLF?Supplier Device Package10-MLF? (3x3)	Current - Output	150mA, 150mA
PSRR64dB ~ 62dB (1kHz ~ 100Hz)Control FeaturesEnableProtection FeaturesOver Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad, 10-MLF?Supplier Device Package10-MLF? (3x3)	Current - Quiescent (Iq)	-
Control FeaturesEnableProtection FeaturesOver Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad, 10-MLF?Supplier Device Package10-MLF? (3x3)	Current - Supply (Max)	2μΑ ~ 150μΑ
Protection FeaturesOver Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad, 10-MLF?Supplier Device Package10-MLF? (3x3)	PSRR	64dB ~ 62dB (1kHz ~ 100Hz)
Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad, 10-MLF?Supplier Device Package10-MLF? (3x3)	Control Features	Enable
Mounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad, 10-MLF?Supplier Device Package10-MLF? (3x3)	Protection Features	Over Temperature, Under Voltage Lockout (UVLO)
Package / Case10-VFDFN Exposed Pad, 10-MLF?Supplier Device Package10-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?

MIC5264-MKYML-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.

DISCOVER

MIC5264-MKYML-TR Payment Methods



MIC5264-MKYML-TR Shipping Methods



If you have any question about MIC5264-MKYML-TR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com