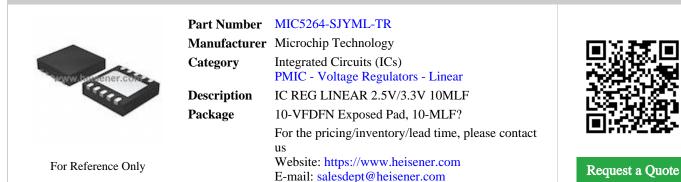


MIC5264-SJYML-TR

MIC5264-SJYML-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-SJYML-TR Specifications

Manufacturer Microchip Technology Manufacturer Microchip Technology Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear 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, 3.3V 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 Dover Temperature, Under Voltage Lockout (UVLO) Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 10-VFDFN Exposed Pad, 10-MLF?		
CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackage10-VFDFN Exposed Pad, 10-MLF?Series-Output ConfigurationPositiveOutput ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.5V, 3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 150mA, 0.5V @ 150mACurrent - Output150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)2µA ~ 150µAPSRR64dB ~ 62dB (1kHz ~ 100Hz)Control FeaturesOver Temperature, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-WFDFN Exposed Pad, 10-MLF?Supplier Device Package10-MLF? (3x3)	Manufacturer Part Number	MIC5264-SJYML-TR
PMIC - Voltage Regulators - LinearPackage10-VFDFN Exposed Pad, 10-MLF?Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.5V, 3.3VVoltage - Output (Max)-Voltage - Output (Max)-Voltage - Output (Max)0.5V @ 150mA, 0.5V @ 150mACurrent - Output150mA, 150mACurrent - Output2µA ~ 150µACurrent - 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)	Manufacturer	Microchip Technology
Package10-VFDFN Exposed Pad, 10-MLF?Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.5V, 3.3VVoltage - Output (Max)-Voltage - Output (Max)0.5V @ 150mA, 0.5V @ 150mACurrent - Output150mA, 150mACurrent - Output2µA ~ 150µACurrent - Supply (Max)-Current - Supply (Max)-Current - Supply (Max)-Control FeaturesG4dB ~ 62dB (1kHz ~ 100Hz)Protection FeaturesOver Temperature, Under Voltage Lockout (UVLO)Operating Temperature40°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)2.5V, 3.3VVoltage - Output (Max).Voltage Dopoout (Max)0.5V @ 150mA, 0.5V @ 150mACurrent - Output150mA, 150mACurrent - Output.Current - Supply (Max).PSRR64B ~ 62dB (1kHz ~ 100Hz)Control FeaturesGover Temperature, Under Voltage Lockout (UVLO)Protection Features.Operating Temperature.Protection FeaturesSurface MountProtection Features.Mounting Type.Package / Case.Supplier Device Package.Outplice Package.Supplier Device		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.5V, 3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 150mA, 0.5V @ 150mACurrent - Output150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)2µA ~ 150µAPSRR64dB ~ 62dB (1kHz ~ 100Hz)Portection FeaturesFower Temperature, Under Voltage Lockout (UVLO)Operating Temperature40°C ~ 125°CMounting TypeSurface MountPackage / Case10-VFDFN 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)2.5V, 3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 150mA, 0.5V @ 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-MLF? (3x3)	Series	-
Number of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.5V, 3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 150mA, 0.5V @ 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-VLFP Kzposed Pad, 10-MLF?Supplier Device Package10-MLF? (3x3)	Output Configuration	Positive
Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.5V, 3.3V 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)2.5V, 3.3VVoltage - 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 TemperatureSurface 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)	2.5V, 3.3V
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 error

MIC5264-SJYML-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.

MIC5264-SJYML-TR Payment Methods





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