

# MIC2212-NNBML TR

### **MIC2212-NNBML TR Information**

And the second s	 MIC2212-NNBML TR Microchip Technology Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear IC REG LIN 2.85V/2.85V 10MLF 10-VFDFN Exposed Pad, 10-MLF? For the pricing/inventory/lead time, please contact us	
For Reference Only	Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

# **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.



# **MIC2212-NNBML TR Specifications**

Manufacturer     Microchip Technology       Manufacturer     Microchip Technology       Category     Integrated Circuits (ICs)       Package     Io-VFDFN Exposed Pad, 10-MLF?       Package     -       Output Configuration     Positive       Output Type     Fixed       Number of Regulators     2       Voltage - Input (Max)     5.5V       Voltage - Output (Min/Fixed)     2.85V, 2.85V       Voltage - Output (Max)     -       Voltage - Output (Max)     0.25V @ 150mA, 0.42V @ 300mA       Current - Output     150mA, 300mA       Current - Quiescent (Iq)     -       Current - Quiescent (Iq)     -       Control Features     60dB ~ 40dB (1KHz ~ 20kHz)       PSRR     60dB ~ 40dB (1KHz ~ 20kHz)       Control Features     Over Current, Over Temperature       Operating Temperature     -40°C ~ 125°C       Mounting Type     Surface Mount       Package / Case     10-VFDFN Exposed Pad, 10-MLF?		
CategoryIntegrated Circuits (Cs)PackagePMIC - Voltage Regulators - LinearPackage10-VFDFN Exposed Pad, 10-MLF?Series-Output ConfigurationPositiveOutput ConfigurationPositiveNumber of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.85V, 2.85VVoltage - 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 TemperaturePotection FeaturesSurface MountPackage / Case10-VFDFN Exposed Pad, 10-MLF?	Manufacturer Part Number	MIC2212-NNBML TR
PMIC - Voltage Regulators - LinearPackage10-VFDFN Exposed Pad, 10-MLF?Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.85V, 2.85VVoltage - Output (Max)-Voltage - Output (Max)-Voltage - Output (Max)0.25V @ 150mA, 0.42V @ 300mACurrent - Output150mA, 300mACurrent - Output150mA, 300mACurrent - Supply (Max)80μAPSRR60dB ~ 40dB (1KHz ~ 20KHz)Control FeaturesOver Current, Over TemperatureProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad, 10-MLF?	Manufacturer	Microchip Technology
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)     2.85V, 2.85V       Voltage - Output (Max)     -       Voltage - Output (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?	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.85V, 2.85VVoltage - Output (Max)-Voltage - Output (Max)0.25V @ 150mA, 0.42V @ 300mACurrent - Output150mA, 300mACurrent - Output150mA, 300mACurrent - Quiescent (Iq)-Current - Supply (Max)80µAPSRR60dB ~ 40dB (1KHz ~ 20kHz)Control FeaturesFnable, Power On ResetProtection FeaturesOver Current, Over TemperatureOperating Temperature40°C ~ 125°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad, 10-MLF?		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.85V, 2.85VVoltage - 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 TemperaturePotection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeI0-VFDFN Exposed Pad, 10-MLF?	Package	10-VFDFN Exposed Pad, 10-MLF?
Dutput Type     Fixed       Number of Regulators     2       Voltage - Input (Max)     5.5V       Voltage - Output (Min/Fixed)     2.85V, 2.85V       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     Over Current, Over Temperature       Operating Temperature     440°C ~ 125°C       Mounting Type     Surface Mount       Package / Case     10-VFDFN Exposed Pad, 10-MLF?	Series	-
Number of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.85V, 2.85VVoltage - 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?	Output Configuration	Positive
Voltage - Input (Max)     5.5V       Voltage - Output (Min/Fixed)     2.85V, 2.85V       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?	Output Type	Fixed
Voltage - Output (Min/Fixed)2.85V, 2.85VVoltage - 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?	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 MountPackage / Case10-VFDFN Exposed Pad, 10-MLF?	Voltage - Input (Max)	5.5V
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?	Voltage - Output (Min/Fixed)	2.85V, 2.85V
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 MountPackage / Case10-VFDFN Exposed Pad, 10-MLF?	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 MountPackage / Case10-VFDFN Exposed Pad, 10-MLF?	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 MountPackage / Case10-VFDFN Exposed Pad, 10-MLF?	Current - Output	150mA, 300mA
PSRR60dB ~ 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?	Current - Quiescent (Iq)	-
Control FeaturesEnable, Power On ResetProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad, 10-MLF?	Current - Supply (Max)	80μΑ
Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad, 10-MLF?	PSRR	60dB ~ 40dB (1KHz ~ 20kHz)
Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad, 10-MLF?	Control Features	Enable, Power On Reset
Mounting TypeSurface MountPackage / Case10-VFDFN Exposed Pad, 10-MLF?	Protection Features	Over Current, Over Temperature
Package / Case 10-VFDFN Exposed Pad, 10-MLF?	Operating Temperature	-40°C ~ 125°C
	Mounting Type	Surface Mount
Supplier Device Package10-MLF? (3x3)	Package / Case	10-VFDFN Exposed Pad, 10-MLF?
	Supplier Device Package	10-MLF? (3x3)
Report errors?		Report errors?

### **MIC2212-NNBML 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.

## MIC2212-NNBML TR Payment Methods





If you have any question about MIC2212-NNBML TR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com