

## LT3022IMSE-1.2#TRPBF

#### LT3022IMSE-1.2#TRPBF Information



For Reference Only

Part Number	LT3022IMSE-1.2#TRPBF	
Manufacturer	Linear Technology	
Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear	
Description	IC REG LINEAR 1.2V 1A 16MSOP	
Package	16-TFSOP (0.118", 3.00mm Width) Exposed Pad	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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### LT3022IMSE-1.2#TRPBF Specifications

Manufacturer     Linear Technology       Manufacturer     Linear Technology       Manufacturer     Integrated Circuits (ICs)       PAckage     16-TFSOP (0.118", 3.00mm Width) Exposed Pad       Series     -       Output Configuration     Positive       Output Type     Fixed       Number of Regulators     1       Voltage - Input (Max)     10V       Voltage - Output (Min/Fixed)     1.2V       Voltage - Output (Max)     -       Voltage Doupout (Max)     -       Current - Output     1A       Current - Quiescent (Iq)     -       Current - Supply (Max)     3.5mA ~ 36mA       PSRR     66dB (120Hz)       Control Features     Over Current, Over Temperature, Reverse Polarity       Operating Temperature     40°C ~ 125°C       Mounting Type     Surface Mount       Package / Case     Surface Mount		
Category     Integrated Circuits (ICs)       PMIC - Voltage Regulators - Linear       Package     16-TFSOP (0.118", 3.00mm Width) Exposed Pad       Series     -       Output Configuration     Positive       Output Type     Fixed       Number of Regulators     1       Voltage - Input (Max)     10V       Voltage - Output (Min/Fixed)     1.2V       Voltage - Output (Max)     -       Voltage Doupout (Max)     0.285V @ 1A       Current - Output     1A       Current - Quiescent (Iq)     -       Current - Supply (Max)     3.5mA ~ 36mA       PSRR     66dB (120Hz)       Control Features     Over Current, Over Temperature, Reverse Polarity       Operating Temperature     -40°C ~ 125°C       Mounting Type     Surface Mount       Package / Case     16-TFSOP (0.118", 3.00mm Width) Exposed Pad       Supplier Device Package     16-MSOP-EP	Manufacturer Part Number	LT3022IMSE-1.2#TRPBF
PMIC - Voltage Regulators - LinearPackage16-TFSOP (0.118", 3.00mm Width) Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Min/Fixed)-Voltage - Output (Max)-Voltage Dropout (Max)0.285V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)3.5mA ~ 36mAPSRR66dB (120Hz)Protection FeaturesOver Current, Over Temperature, Reverse PolarityProtection Features-ufo°C ~ 125°CMounting TypeSurface MountPackage / Case16-MSOP-EP	Manufacturer	Linear Technology
Package16-TFSOP (0.118", 3.00mm Width) Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Voltage - Output (Max)0.285V @ 1ACurrent - Output1ACurrent - Output3.5mA ~ 36mACurrent - Supply (Max)66dB (120Hz)PSRR66dB (120Hz)Protection FeaturesOver Current, Over Temperature, Reverse PolarityProtection Features0.40°C ~ 125°CMounting TypeSurface MountPackage / Case16-TFSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package16-MSOP-EP	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)0.285V @ 1AVoltage Dropout (Max)0.285V @ 1ACurrent - Output1.4Current - Output3.5mA ~ 36mACurrent - Supply (Max)6dB (120Hz)PSRR6dB (120Hz)Portection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature40°C ~ 125°CMounting TypeSufface MountPackage / Case16-TSSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package16-MSOP-EP		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Voltage - Output (Max)0.285V @ 1ACurrent - Output1ACurrent - Output3.5mA ~ 36mAPSRR6dB (120Hz)Control FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting Type6.4TSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package16-MSOP-EP	Package	16-TFSOP (0.118", 3.00mm Width) Exposed Pad
Output TypeFixedNumber of Regulators1Voltage - Input (Max)10VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Voltage Dropout (Max)0.285V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)3.5mA ~ 36mAPSRR6dB (120Hz)Control FeaturesNove Current, Over Temperature, Reverse PolarityOperating Temperature40°C ~ 125°CMounting Type6.4FSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package16-MSOP-EP	Series	-
Number of Regulators1Number of Regulators10VVoltage - Input (Max)1.2VVoltage - Output (Min/Fixed)1.2VVoltage - Output (Max)0.285V @ 1ACurrent - Output1ACurrent - Output3.5mA ~ 36mACurrent - Supply (Max)66dB (120Hz)PSRR66dB (120Hz)Control FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-TFSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package16-MSOP-EP	Output Configuration	Positive
Voltage - Input (Max)10VVoltage - Output (Max)1.2VVoltage - Output (Max)-Voltage Dropout (Max)0.285V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)3.5mA ~ 36mAPSRR66dB (120Hz)Control FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-TFSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package16-MSOP-EP	Output Type	Fixed
Voltage - Output (Min/Fixed)1.2VVoltage - Output (Max)-Voltage Dropout (Max)0.285V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)3.5mA ~ 36mAPSRR66dB (120Hz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature440°C ~ 125°CMounting TypeSurface MountPackage / Case16-TFSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package16-MSOP-EP	Number of Regulators	1
Voltage - Output (Max)-Voltage Dropout (Max)0.285V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)3.5mA ~ 36mAPSRR66dB (120Hz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-TFSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package16-MSOP-EP	Voltage - Input (Max)	10V
Voltage Dropout (Max)0.285V @ 1ACurrent - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)3.5mA ~ 36mAPSRR66dB (120Hz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-TFSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package16-MSOP-EP	Voltage - Output (Min/Fixed)	1.2V
Current - Output1ACurrent - Quiescent (Iq)-Current - Supply (Max)3.5mA ~ 36mAPSRR66dB (120Hz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-TFSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package16-MSOP-EP	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max)3.5mA ~ 36mAPSRR66dB (120Hz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-TFSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package16-MSOP-EP	Voltage Dropout (Max)	0.285V @ 1A
Current - Supply (Max)3.5mA ~ 36mAPSRR66dB (120Hz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-TFSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package16-MSOP-EP	Current - Output	1A
PSRR66dB (120Hz)Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-TFSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package16-MSOP-EP	Current - Quiescent (Iq)	-
Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-TFSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package16-MSOP-EP	Current - Supply (Max)	3.5mA ~ 36mA
Protection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-TFSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package16-MSOP-EP	PSRR	66dB (120Hz)
Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-TFSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package16-MSOP-EP	Control Features	Enable
Mounting TypeSurface MountPackage / Case16-TFSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package16-MSOP-EP	Protection Features	Over Current, Over Temperature, Reverse Polarity
Package / Case16-TFSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package16-MSOP-EP	Operating Temperature	$-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$
Supplier Device Package 16-MSOP-EP	Mounting Type	Surface Mount
	Package / Case	16-TFSOP (0.118", 3.00mm Width) Exposed Pad
Report errors?	Supplier Device Package	16-MSOP-EP
		Report errors?

#### LT3022IMSE-1.2#TRPBF 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.

#### LT3022IMSE-1.2#TRPBF Payment Methods



If you have any question about LT3022IMSE-1.2#TRPBF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com