

LT3055IMSE-5#TRPBF

LT3055IMSE-5#TRPBF Information



Part Number	LT3055IMSE-5#TRPBF	
Manufacturer	Linear Technology	
Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear	
Description	IC REG LINEAR 5V 500MA 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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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.



LT3055IMSE-5#TRPBF Specifications

Category Interacted Circuits (ICs) Package Interacted 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) 45V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) 0.59V @ 500mA Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) 130µA ~ 25mA PSRR GodB (120Hz) Cortrol Features Over Current, Over Temperature, Reverse Polarity Portection Features -40°C ~ 125°C Mounting Type Surface Mount Package / Case 16-TFSOP (0.118", 3.00mm Width) Exposed Pad		
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) 45V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Doupout (Max) 0.59V @ 500mA Current - Output 500mA Current - Quiescent (Iq) - Current - Supply (Max) 130µA ~ 25mA 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	LT3055IMSE-5#TRPBF
PMIC - Voltage Regulators - LinearPackage16-TFSOP (0.118", 3.00mm Width) Exposed PadSeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)45VVoltage - Output (Min/Fixed)5VVoltage - Output (Min/Fixed)-Voltage Dropout (Max)-Voltage Dropout (Max)500mACurrent - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)130µA ~ 25mAPSRR66dB (120Hz)Potection FeaturesOver Current, Over Temperature, Reverse PolarityPortection Features-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-TFSOP (0.118", 3.00mm Width) Exposed PadSupplier Device Package16-MSOP-EP	Manufacturer	Linear Technology
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Voltage Dropout (Max)0.59V @ 500mACurrent - Output500mACurrent - Quiescent (Iq)-Current - Supply (Max)130μA ~ 25mAPSRR66dB (120Hz)Control FeaturesCurrent Limit, Enable, Power Good, Soft StartProtection 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)	5V
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Current - Quiescent (Iq)-Current - Supply (Max)130μA ~ 25mAPSRR66dB (120Hz)Control FeaturesCurrent Limit, Enable, Power Good, Soft StartProtection 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)	0.59V @ 500mA
Current - Supply (Max)130μA ~ 25mAPSRR66dB (120Hz)Control FeaturesCurrent Limit, Enable, Power Good, Soft StartProtection 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	500mA
PSRR66dB (120Hz)Control FeaturesCurrent Limit, Enable, Power Good, Soft StartProtection 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 FeaturesCurrent Limit, Enable, Power Good, Soft StartProtection 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)	130μA ~ 25mA
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	Current Limit, Enable, Power Good, Soft Start
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	$-40^{\circ}C \sim 125^{\circ}C$
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 erro

LT3055IMSE-5#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.

LT3055IMSE-5#TRPBF Payment Methods





If you have any question about LT3055IMSE-5#TRPBF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com