

LT3070IUFD-1#TRPBF

LT3070IUFD-1#TRPBF Information

Heisener.com	 LT3070IUFD-1#TRPBF Linear Technology Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear 5A, L N, PROGMABLE OUT, 85MV DRO 28-WFQFN Exposed Pad For the pricing/inventory/lead time, please contact	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a (

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.



Quote

LT3070IUFD-1#TRPBF Specifications

AnnufacturerLinear TechnologyManufacturerLinear TechnologyCategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackage28-WFQFN Exposed PadSeries-Output ConfigurationPositiveOutput ConfigurationPositiveNumber of Regulators1Voltage - Input (Max)3VVoltage - Output (Max)0.8VVoltage - Output (Max)1.8VVoltage - Output (Max)0.15V @ 5ACurrent - Output5ACurrent - Output5ACurrent - Quiescent (Iq)1.8mACurrent - Supply (Max)2.3mAPSRR66dB (120Hz)Control FeaturesDever Good, Soft StartProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature4.0°C ~ 125°CMounting TypeSurface MountPackage / Case28-WFQFN Exposed PadSupplier Device Package28-QFN (4x5)			
CategoryIntegrated Circuits (ICs)PAIC - Voltage Regulators - LinearPackage28-WFQFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeProgrammableNumber of Regulators1Voltage - Input (Max)3VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)1.8VVoltage - Output (Max)0.15V @ 5ACurrent - Output5ACurrent - Output5ACurrent - Quiescent (Iq)1.8mACurrent - Supply (Max)2.3mAPSRR6dB (120Hz)Control FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case28-WFQFN Exposed PadSupplier Device Package28-QFN (4x5)	Manufacturer Part Number	LT3070IUFD-1#TRPBF	
PMIC - Voltage Regulators - LinearPackage28-WFQFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeProgrammableNumber of Regulators1Voltage - Input (Max)3VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)1.8VVoltage - Output (Max)0.15V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)1.8mACurrent - Supply (Max)2.3mAPSRR66dB (120Hz)Control FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case28-QFN (4x5)	Manufacturer	Linear Technology	
Package28-WFQFN Exposed PadSeries-Output ConfigurationPositiveOutput TypeProgrammableNumber of Regulators1Voltage - Input (Max)3VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)1.8VVoltage Dropout (Max)0.15V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)1.8mACurrent - Supply (Max)2.3mAPSRR66dB (120Hz)Control FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature40°C ~ 125°CMounting TypeSurface MountPackage / Case28-WFQFN Exposed PadSupplier Device Package28-QFN (4x5)	Category	Integrated Circuits (ICs)	
Series-Output ConfigurationPositiveOutput TypeProgrammableNumber of Regulators1Voltage - Input (Max)3VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)1.8VVoltage - Output (Max)0.15V @ 5ACurrent - Output5ACurrent - Output1.8mACurrent - Supply (Max)2.3mAPSRR66dB (120Hz)Control FeaturesFnable, Power Good, Soft StartProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case28-QFN (4x5)		PMIC - Voltage Regulators - Linear	
Output ConfigurationPositiveOutput TypeProgrammableNumber of Regulators1Voltage - Input (Max)3VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)1.8VVoltage - Output (Max)0.15V @ 5ACurrent - Output5ACurrent - Output1.8mACurrent - Supply (Max)2.3mAPSRR66dB (120Hz)Control FeaturesEnable, Power Good, Soft StartProtection Features0ver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating TypeSurface MountPackage / Case28-WFQFN Exposed PadSupplier Device Package28-QFN (4x5)	Package	28-WFQFN Exposed Pad	
Output TypeProgrammableNumber of Regulators1Voltage - Input (Max)3VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)1.8VVoltage Dropout (Max)0.15V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)1.8mACurrent - Supply (Max)6dB (120Hz)PSRR6dB (120Hz)Control FeaturesVoer Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature40°C ~ 125°CMounting Type82WFQFN Exposed PadSupplier Device Package82eNF(4x5)	Series	-	
Number of Regulators1Number of Regulators3VVoltage - Input (Max)3VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)1.8VVoltage Dropout (Max)0.15V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)1.8mACurrent - Supply (Max)2.3mAPSRR66dB (120Hz)Control FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case28-WFQFN Exposed PadSupplier Device Package28-QFN (4x5)	Output Configuration	Positive	
Voltage - Input (Max)3VVoltage - Output (Min/Fixed)0.8VVoltage - Output (Max)1.8VVoltage Dropout (Max)0.15V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)1.8mACurrent - Supply (Max)2.3mAPSRR66dB (120Hz)Control FeaturesDver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case28-WFQFN Exposed PadSupplier Device Package28-QFN (4x5)	Output Type	Programmable	
Voltage - Output (Min/Fixed)0.8VVoltage - Output (Max)1.8VVoltage Dropout (Max)0.15V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)1.8mACurrent - Supply (Max)2.3mAPSRR66dB (120Hz)Control FeaturesEnable, Power Good, Soft StartProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case28-WFQFN Exposed PadSupplier Device Package28-QFN (4x5)	Number of Regulators	1	
Voltage - Output (Max)1.8VVoltage Dropout (Max)0.15V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)1.8mACurrent - Supply (Max)2.3mAPSRR66dB (120Hz)Control FeaturesEnable, Power Good, Soft StartProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case28-WFQFN Exposed PadSupplier Device Package28-QFN (4x5)	Voltage - Input (Max)	3V	
Voltage Dropout (Max)0.15V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)1.8mACurrent - Supply (Max)2.3mAPSRR66dB (120Hz)Control FeaturesEnable, Power Good, Soft StartProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case28-WFQFN Exposed PadSupplier Device Package28-QFN (4x5)	Voltage - Output (Min/Fixed)	0.8V	
Current - Output5ACurrent - Quiescent (Iq)1.8mACurrent - Supply (Max)2.3mAPSRR66dB (120Hz)Control FeaturesEnable, Power Good, Soft StartProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case28-WFQFN Exposed PadSupplier Device Package28-QFN (4x5)	Voltage - Output (Max)	1.8V	
Current - Quiescent (Iq)1.8mACurrent - Supply (Max)2.3mAPSRR66dB (120Hz)Control FeaturesEnable, Power Good, Soft StartProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case28-WFQFN Exposed PadSupplier Device Package28-QFN (4x5)	Voltage Dropout (Max)	0.15V @ 5A	
Current - Supply (Max)2.3mAPSRR66dB (120Hz)Control FeaturesEnable, Power Good, Soft StartProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case28-WFQFN Exposed PadSupplier Device Package28-QFN (4x5)	Current - Output	5A	
PSRR66dB (120Hz)Control FeaturesEnable, Power Good, Soft StartProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case28-WFQFN Exposed PadSupplier Device Package28-QFN (4x5)	Current - Quiescent (Iq)	1.8mA	
Control FeaturesEnable, Power Good, Soft StartProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case28-WFQFN Exposed PadSupplier Device Package28-QFN (4x5)	Current - Supply (Max)	2.3mA	
Protection FeaturesOver Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case28-WFQFN Exposed PadSupplier Device Package28-QFN (4x5)	PSRR	66dB (120Hz)	
Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case28-WFQFN Exposed PadSupplier Device Package28-QFN (4x5)	Control Features	Enable, Power Good, Soft Start	
Mounting TypeSurface MountPackage / Case28-WFQFN Exposed PadSupplier Device Package28-QFN (4x5)	Protection Features	Over Current, Over Temperature, Reverse Polarity, Under Voltage Lockout (UVLO)	
Package / Case28-WFQFN Exposed PadSupplier Device Package28-QFN (4x5)	Operating Temperature	-40°C ~ 125°C	
Supplier Device Package28-QFN (4x5)	Mounting Type	Surface Mount	
	Package / Case	28-WFQFN Exposed Pad	
Report errors?	Supplier Device Package	28-QFN (4x5)	
		Report errors?	

LT3070IUFD-1#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.

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LT3070IUFD-1#TRPBF Shipping Methods



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