

# 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 Payment Methods



### LT3070IUFD-1#TRPBF Shipping Methods



If you have any question about LT3070IUFD-1#TRPBF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com