

# LT3088MPST

#### **LT3088MPST Information**

Heisener.com Bittal terror tante terr	 LT3088MPST Linear Technology Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear IC REG LINEAR TO-261-4, TO-261AA For the pricing/inventory/lead time, please contact	
For Reference Only	us 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.



## **LT3088MPST Specifications**

ManufacturerLinear TechnologyManufacturerIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackageTO-261-4, TO-261AASeries-Output ConfigurationPositiveOutput ConfigurationAdjustableNumber of Regulators1Voltage - Input (Max)36VVoltage - Output (Min/Fixed)0VVoltage - Output (Max)34.5VVoltage Doutput (Max)1.6V @ 800mACurrent - Output800mACurrent - Output50.5µACurrent - Supply (Max)0.5µAPSRP00B ~ 20dB (120Hz ~ 1MHz)Portection Features.Protection Features.Output Features.Output Features.Series.Series.Output Features.Series </th <th>_</th> <th></th>	_		
CategoryIntegrated Circuits (ICs)PackageTO-261-4, TO-261AAPackageTO-261-4, TO-261AASeries-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)36VVoltage - Output (Min/Fixed)0VVoltage - Output (Max)34.5VVoltage - Output (Max)1.6V @ 800mACurrent - Output800mACurrent - Output50.5µACurrent - Quiescent (Iq)50.5µAPSRR90dB ~ 20dB (120Hz ~ 1MHz)Control Features-Protection Features-Operating Temperature-55°C ~ 150°CMounting TypeSurface MountPackage / CaseSOT-223-3	Manufacturer Part Number	LT3088MPST	
PMIC - Voltage Regulators - LinearPackageTO-261-4, TO-261AASeries-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)36VVoltage - Output (Min/Fixed)0VVoltage - Output (Max)34.5VVoltage Dropout (Max)1.6V @ 800mACurrent - Output800mACurrent - Quiescent (Iq)50.5µACurrent - Supply (Max)2mAPSRR90dB ~ 20dB (120Hz ~ 1MHz)Control Features-Protection FeaturesOver Current, Over Temperature, Reverse Polarity, Short CircuitOperating Temperature-55°C ~ 150°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-3	Manufacturer	Linear Technology	
PackageTO-261-4, TO-261AASeries-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)36VVoltage - Output (Min/Fixed)0VVoltage - Output (Min/Fixed)34.5VVoltage - Output (Max)1.6V @ 800mACurrent - Output800mACurrent - Quiescent (Iq)50.5µACurrent - Supply (Max)9MB ~ 20dB (120Hz ~ 1MHz)PSRR90dB ~ 20dB (120Hz ~ 1MHz)Control Features-Protection FeaturesOver Current, Over Temperature, Reverse Polarity, Short CircuitOperating Temperature55°C ~ 150°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-3	Category	Integrated Circuits (ICs)	
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Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)36VVoltage - Output (Min/Fixed)0VVoltage - Output (Max)34.5VVoltage Dropout (Max)1.6V @ 800mACurrent - Output800mACurrent - Output50.5µACurrent - Supply (Max)9dB ~ 20dB (120Hz ~ 1MHz)PSRR9dB ~ 20dB (120Hz ~ 1MHz)Portection Features0ver Current, Over Temperature, Reverse Polarity, Short CircuitOperating Temperature55°C ~ 150°CMounting TypeSurface MountPackage / CaseSOT-223-3	Package	TO-261-4, TO-261AA	
Output Type Adjustable   Number of Regulators 1   Voltage - Input (Max) 36V   Voltage - Output (Min/Fixed) 0V   Voltage - Output (Max) 34.5V   Voltage Dropout (Max) 1.6V @ 800mA   Current - Output 800mA   Current - Quiescent (Iq) 50.5µA   PSRR 90dB ~ 20dB (120Hz ~ 1MHz)   Portection Features -   Protection Features Over Current, Over Temperature, Reverse Polarity, Short Circuit   Operating Temperature 505°C ~ 150°C   Mounting Type Surface Mount   Package / Case TO-261-4, TO-261AA   Supplier Device Package SOT-223-3	Series	-	
Number of Regulators1Voltage - Input (Max)36VVoltage - Output (Min/Fixed)0VVoltage - Output (Max)34.5VVoltage Dropout (Max)1.6V @ 800mACurrent - Output800mACurrent - Quiescent (Iq)50.5µACurrent - Supply (Max)90dB ~ 20dB (120Hz ~ 1MHz)PSRR90dB ~ 20dB (120Hz ~ 1MHz)Control FeaturesOver Current, Over Temperature, Reverse Polarity, Short CircuitOperating TemperatureSurface MountPackage / CaseTo-261-4, To-261AASupplier Device PackageSOT-223-3	Output Configuration	Positive	
Voltage - Input (Max)36VVoltage - Output (Min/Fixed)0VVoltage - Output (Max)34.5VVoltage Dropout (Max)1.6V @ 800mACurrent - Output800mACurrent - Quiescent (Iq)50.5µACurrent - Supply (Max)2mAPSRR90dB ~ 20dB (120Hz ~ 1MHz)Control Features-Protection FeaturesOver Current, Over Temperature, Reverse Polarity, Short CircuitOperating Temperature55°C ~ 150°CMounting TypeSurface MountPackage / CaseFO-261-4, TO-261AASupplier Device PackageSOT-223-3	Output Type	Adjustable	
Voltage - Output (Min/Fixed)OVVoltage - Output (Max)34.5VVoltage Dropout (Max)1.6V @ 800mACurrent - Output800mACurrent - Quiescent (Iq)50.5µACurrent - Supply (Max)2mAPSRR90dB ~ 20dB (120Hz ~ 1MHz)Control Features-Protection FeaturesOver Current, Over Temperature, Reverse Polarity, Short CircuitOperating Temperature-55°C ~ 150°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-3	Number of Regulators	1	
Voltage - Output (Max)34.5VVoltage Dropout (Max)1.6V @ 800mACurrent - Output800mACurrent - Quiescent (Iq)50.5µACurrent - Supply (Max)2mAPSRR90dB ~ 20dB (120Hz ~ 1MHz)Control Features-Protection FeaturesOver Current, Over Temperature, Reverse Polarity, Short CircuitOperating Temperature55°C ~ 150°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-3	Voltage - Input (Max)	36V	
Voltage Dropout (Max)1.6V @ 800mACurrent - Output800mACurrent - Quiescent (Iq)50.5µACurrent - Supply (Max)2mAPSRR90dB ~ 20dB (120Hz ~ 1MHz)Control Features-Protection FeaturesOver Current, Over Temperature, Reverse Polarity, Short CircuitOperating Temperature55°C ~ 150°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-3	Voltage - Output (Min/Fixed)	0V	
Current - Output800mACurrent - Quiescent (Iq)50.5µACurrent - Supply (Max)2mAPSRR90dB ~ 20dB (120Hz ~ 1MHz)Control Features-Protection FeaturesOver Current, Over Temperature, Reverse Polarity, Short CircuitOperating Temperature-55°C ~ 150°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-3	Voltage - Output (Max)	34.5V	
Current - Quiescent (Iq)50.5μACurrent - Supply (Max)2mAPSRR90dB ~ 20dB (120Hz ~ 1MHz)Control Features-Protection FeaturesOver Current, Over Temperature, Reverse Polarity, Short CircuitOperating Temperature-55°C ~ 150°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-3	Voltage Dropout (Max)	1.6V @ 800mA	
Current - Supply (Max)2mAPSRR90dB ~ 20dB (120Hz ~ 1MHz)Control Features-Protection FeaturesOver Current, Over Temperature, Reverse Polarity, Short CircuitOperating Temperature-55°C ~ 150°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-3	Current - Output	800mA	
PSRR90dB ~ 20dB (120Hz ~ 1MHz)Control Features-Protection FeaturesOver Current, Over Temperature, Reverse Polarity, Short CircuitOperating Temperature-55°C ~ 150°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-3	Current - Quiescent (Iq)	50.5µA	
Control Features-Protection FeaturesOver Current, Over Temperature, Reverse Polarity, Short CircuitOperating Temperature-55°C ~ 150°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-3	Current - Supply (Max)	2mA	
Protection FeaturesOver Current, Over Temperature, Reverse Polarity, Short CircuitOperating Temperature-55°C ~ 150°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-3	PSRR	90dB ~ 20dB (120Hz ~ 1MHz)	
Operating Temperature-55°C ~ 150°CMounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-3	Control Features	-	
Mounting TypeSurface MountPackage / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-3	Protection Features	Over Current, Over Temperature, Reverse Polarity, Short Circuit	
Package / CaseTO-261-4, TO-261AASupplier Device PackageSOT-223-3	Operating Temperature	-55°C ~ 150°C	
Supplier Device Package SOT-223-3	Mounting Type	Surface Mount	
	Package / Case	TO-261-4, TO-261AA	
Report errors?	Supplier Device Package	SOT-223-3	
		Report errors <sup>6</sup>	

#### **LT3088MPST** 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 EUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

#### **LT3088MPST** Payment Methods



#### **LT3088MPST Shipping Methods**



If you have any question about LT3088MPST, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com