

# LT3060HTS8#TRPBF

#### LT3060HTS8#TRPBF Information



For Reference Only

Part Number LT3060HTS8#TRPBF
Manufacturer Linear Technology
Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

**Description** IC REG LIN POS ADJ 100MA TSOT23

Package SOT-23-8 Thin, TSOT-23-8

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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## LT3060HTS8#TRPBF Specifications

Manufacturer Part Number         LT3060HTS8#TRPBF           Manufacturer         Linear Technology           Category         Integrated Circuits (ICs)           PMIC - Voltage Regulators - Linear           Package         SOT-23-8 Thin, TSOT-23-8           Series         -           Output Configuration         Positive           Output Type         Adjustable           Number of Regulators         1           Voltage - Input (Max)         45V           Voltage - Output (Min/Fixed)         0.6V           Voltage - Output (Max)         44.5V           Voltage Dropout (Max)         0.51V @ 100mA           Current - Output         100mA           Current - Quiescent (Iq)         -           Current - Supply (Max)         80μA ~ 4mA           PSRR         85dB (120Hz)           Control Features         Enable, Soft Start           Protection Features         Over Current, Over Temperature, Reverse Polarity           Operating Temperature         -40°C ~ 150°C           Mounting Type         Surface Mount           Package / Case         SOT-23-8 Thin, TSOT-23-8	•	
Integrated Circuits (ICs)	Manufacturer Part Number	LT3060HTS8#TRPBF
PMIC - Voltage Regulators - LinearPackageSOT-23-8 Thin, TSOT-23-8Series-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)45VVoltage - Output (Min/Fixed)0.6VVoltage - Output (Max)44.5VVoltage Dropout (Max)0.51V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)80μA ~ 4mAPSRR85dB (120Hz)Control FeaturesEnable, Soft StartProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 150°CMounting TypeSurface Mount	Manufacturer	Linear Technology
PackageSOT-23-8 Thin, TSOT-23-8Series-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)45VVoltage - Output (Min/Fixed)0.6VVoltage - Output (Max)44.5VVoltage Dropout (Max)0.51V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)80μA ~ 4mAPSRR85dB (120Hz)Control FeaturesEnable, Soft StartProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 150°CMounting TypeSurface Mount	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)45 VVoltage - Output (Min/Fixed)0.6 VVoltage - Output (Max)44.5 VVoltage Dropout (Max)0.51 V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)80μA ~ 4mAPSRR85dB (120Hz)Control FeaturesEnable, Soft StartProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 150°CMounting TypeSurface Mount		PMIC - Voltage Regulators - Linear
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Output TypeAdjustableNumber of Regulators1Voltage - Input (Max)45VVoltage - Output (Min/Fixed)0.6VVoltage - Output (Max)44.5VVoltage Dropout (Max)0.51V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)80μA ~ 4mAPSRR85dB (120Hz)Control FeaturesEnable, Soft StartProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 150°CMounting TypeSurface Mount	Series	-
Number of Regulators1Voltage - Input (Max)45 VVoltage - Output (Min/Fixed)0.6 VVoltage - Output (Max)44.5 VVoltage Dropout (Max)0.51 V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)80μA ~ 4mAPSRR85dB (120Hz)Control FeaturesEnable, Soft StartProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 150°CMounting TypeSurface Mount	Output Configuration	Positive
Voltage - Input (Max)  Voltage - Output (Min/Fixed)  0.6V  Voltage - Output (Max)  44.5V  Voltage Dropout (Max)  0.51V @ 100mA  Current - Output  100mA  Current - Quiescent (Iq)	Output Type	Adjustable
Voltage - Output (Min/Fixed)0.6VVoltage - Output (Max)44.5VVoltage Dropout (Max)0.51V @ 100mACurrent - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)80μA ~ 4mAPSRR85dB (120Hz)Control FeaturesEnable, Soft StartProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 150°CMounting TypeSurface Mount	Number of Regulators	1
Voltage - Output (Max) 44.5V  Voltage Dropout (Max) 0.51V @ 100mA  Current - Output 100mA  Current - Quiescent (Iq) -  Current - Supply (Max) 80 $\mu$ A ~ 4mA  PSRR 85dB (120Hz)  Control Features Enable, Soft Start  Protection Features Over Current, Over Temperature, Reverse Polarity  Operating Temperature -40°C ~ 150°C  Mounting Type Surface Mount	Voltage - Input (Max)	45V
Voltage Dropout (Max) $0.51V @ 100mA$ Current - Output $100mA$ Current - Quiescent (Iq) - Current - Supply (Max) $80\mu A \sim 4mA$ $85dB (120Hz)$ Control Features Enable, Soft Start Over Current, Over Temperature, Reverse Polarity $-40^{\circ}C \sim 150^{\circ}C$ Mounting Type Surface Mount	Voltage - Output (Min/Fixed)	0.6V
Current - Output100mACurrent - Quiescent (Iq)-Current - Supply (Max)80μA ~ 4mAPSRR85dB (120Hz)Control FeaturesEnable, Soft StartProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 150°CMounting TypeSurface Mount	Voltage - Output (Max)	44.5V
$\begin{tabular}{lll} $Current - Quiescent (Iq) & - & & & & & & & & & & & & & & & & & $	Voltage Dropout (Max)	0.51V @ 100mA
Current - Supply (Max) $80\mu A \sim 4mA$ $85dB (120Hz)$ Control Features Enable, Soft Start Over Current, Over Temperature, Reverse Polarity Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ Mounting Type Surface Mount	Current - Output	100mA
PSRR 85dB (120Hz)  Control Features Enable, Soft Start  Protection Features Over Current, Over Temperature, Reverse Polarity  Operating Temperature -40°C ~ 150°C  Mounting Type Surface Mount	Current - Quiescent (Iq)	-
Control Features Enable, Soft Start  Protection Features Over Current, Over Temperature, Reverse Polarity  Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ Mounting Type Surface Mount	Current - Supply (Max)	$80\mu A \sim 4mA$
Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ Mounting Type Surface Mount	PSRR	85dB (120Hz)
Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ Mounting Type Surface Mount	Control Features	Enable, Soft Start
Mounting Type Surface Mount	Protection Features	Over Current, Over Temperature, Reverse Polarity
5 71	Operating Temperature	-40°C ~ 150°C
Package / Case SOT-23-8 Thin, TSOT-23-8	Mounting Type	Surface Mount
	Package / Case	SOT-23-8 Thin, TSOT-23-8
Supplier Device Package TSOT-23-8	Supplier Device Package	TSOT-23-8
Report errors?		Report errors?

#### LT3060HTS8#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.

### LT3060HTS8#TRPBF Payment Methods





















### LT3060HTS8#TRPBF Shipping Methods













If you have any question about LT3060HTS8#TRPBF, please do not hesitate to contact us!

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