

LTC2633AHTS8-LX12#TRPBF

LTC2633AHTS8-LX12#TRPBF Information



For Reference Only

Part Number LTC2633AHTS8-LX12#TRPBF

Manufacturer Linear Technology

Category Integrated Circuits (ICs)

Data Acquisition - Digital to Analog Converters

(DAC)

Description IC DAC 12BIT DL SPI I2C TSOT23-8

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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LTC2633AHTS8-LX12#TRPBF Specifications

Manufacturer Part NumberLTC2633AHTS8-LX12#TRPBFManufacturerLinear TechnologyCategoryIntegrated Circuits (ICs)Data Acquisition - Digital to Analog Converters (DAC)PackageSOT-23-8 Thin, TSOT-23-8Series-Number of Bits12Number of D/A Converters2Settling Time4.5µs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData Interface12CReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 5.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±0.5, ±1 (Max)Architecture-Operating Temperature-40°C ~ 125°CPackage / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8Mounting TypeReport errors?		
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Settling Time4.5μs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData InterfaceI2CReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 5.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±0.5, ±1 (Max)Architecture-Operating Temperature-40°C ~ 125°CPackage / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8Mounting Type-	Number of Bits	12
Output Type Voltage - Buffered Differential Output No Data Interface I2C Reference Type External, Internal Voltage - Supply, Analog 2.7 V ~ 5.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) ±0.5, ±1 (Max) Architecture - Operating Temperature -40°C ~ 125°C Package / Case SOT-23-8 Thin, TSOT-23-8 Supplier Device Package TSOT-23-8 Mounting Type -	Number of D/A Converters	2
Differential Output Data Interface Reference Type External, Internal Voltage - Supply, Analog Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) Architecture Operating Temperature -40°C ~ 125°C Package / Case SOT-23-8 Thin, TSOT-23-8 Mounting Type - No External, Internal 2.7 V ~ 5.5 V Location Temperature -40°C ~ 125°C	Settling Time	4.5μs (Typ)
Data InterfaceI2CReference TypeExternal, InternalVoltage - Supply, Analog $2.7 \text{ V} \sim 5.5 \text{ V}$ Voltage - Supply, Digital $2.7 \text{ V} \sim 5.5 \text{ V}$ INL/DNL (LSB) $\pm 0.5, \pm 1 \text{ (Max)}$ Architecture-Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8Mounting Type-	Output Type	Voltage - Buffered
Reference Type External, Internal Voltage - Supply, Analog 2.7 V ~ 5.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) ±0.5, ±1 (Max) Architecture - Operating Temperature -40°C ~ 125°C Package / Case SOT-23-8 Thin, TSOT-23-8 Supplier Device Package TSOT-23-8 Mounting Type -	Differential Output	No
Voltage - Supply, Analog $2.7 \text{ V} \sim 5.5 \text{ V}$ Voltage - Supply, Digital $2.7 \text{ V} \sim 5.5 \text{ V}$ INL/DNL (LSB) $\pm 0.5, \pm 1 \text{ (Max)}$ Architecture-Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8Mounting Type-	Data Interface	12C
Voltage - Supply, Digital 2.7 V \sim 5.5 V INL/DNL (LSB) \pm 0.5, \pm 1 (Max) Architecture - Operating Temperature -40°C \sim 125°C Package / Case SOT-23-8 Thin, TSOT-23-8 Supplier Device Package TSOT-23-8 Mounting Type -	Reference Type	External, Internal
INL/DNL (LSB) $\pm 0.5, \pm 1$ (Max) Architecture - Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case SOT-23-8 Thin, TSOT-23-8 Supplier Device Package TSOT-23-8 Mounting Type -	Voltage - Supply, Analog	2.7 V ~ 5.5 V
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Package / Case SOT-23-8 Thin, TSOT-23-8 Supplier Device Package TSOT-23-8 Mounting Type -	Architecture	-
Supplier Device Package TSOT-23-8 Mounting Type -	Operating Temperature	-40°C ~ 125°C
Mounting Type -	Package / Case	SOT-23-8 Thin, TSOT-23-8
	Supplier Device Package	TSOT-23-8
Report errors?	Mounting Type	-
		Report errors?

LTC2633AHTS8-LX12#TRPBF Guarantees



Ouality 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.

LTC2633AHTS8-LX12#TRPBF Payment Methods



















LTC2633AHTS8-LX12#TRPBF Shipping Methods













If you have any question about LTC2633AHTS8-LX12#TRPBF, please do not hesitate to contact us!

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