

LTC2633HTS8-LO10#TRMPBF

LTC2633HTS8-LO10#TRMPBF Information



For Reference Only

Part Number LTC2633HTS8-LO10#TRMPBF

Manufacturer Linear Technology

Category Integrated Circuits (ICs)

Data Acquisition - Digital to Analog Converters

(DAC)

Description IC DAC 10BIT 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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LTC2633HTS8-LO10#TRMPBF Specifications

Manufacturer Part NumberLTC2633HTS8-LO10#TRMPBFManufacturerLinear TechnologyCategoryIntegrated Circuits (ICs)PackageSOT-23-8 Thin, TSOT-23-8Series-Number of Bits10Number of D/A Converters2Settling Time4µs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData InterfaceI2CReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 5.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±0.2, ±0.5 (Max)Architecture-Operating Temperature-40°C ~ 125°CPackage / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8Mounting Type-		
Category Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC) Package SOT-23-8 Thin, TSOT-23-8 Series - Number of Bits 10 Number of D/A Converters 2 Settling Time 4μs (Typ) Output Type Voltage - Buffered Differential Output No Data Interface 12C 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) ±0.2, ±0.5 (Max) Architecture - Operating Temperature -40°C ~ 125°C Package / Case SOT-23-8 Thin, TSOT-23-8 Supplier Device Package TSOT-23-8	Manufacturer Part Number	LTC2633HTS8-LO10#TRMPBF
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PackageSOT-23-8 Thin, TSOT-23-8Series-Number of Bits10Number of D/A Converters2Settling Time4μs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData Interface12CReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 5.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±0.2, ±0.5 (Max)Architecture-Operating Temperature-40°C ~ 125°CPackage / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8	Category	Integrated Circuits (ICs)
Series-Number of Bits10Number of D/A Converters2Settling Time4μs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData Interface12CReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 5.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±0.2, ±0.5 (Max)Architecture-Operating Temperature-40°C ~ 125°CPackage / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8		Data Acquisition - Digital to Analog Converters (DAC)
Number of Bits10Number of D/A Converters2Settling Time $4\mu s$ (Typ)Output TypeVoltage - BufferedDifferential OutputNoData 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) $\pm 0.2, \pm 0.5$ (Max)Architecture-Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8	Package	SOT-23-8 Thin, TSOT-23-8
Number of D/A Converters2Settling Time $4\mu s$ (Typ)Output TypeVoltage - BufferedDifferential OutputNoData 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) $\pm 0.2, \pm 0.5 \text{ (Max)}$ Architecture-Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8	Series	-
Settling Time 4µs (Typ) 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) ±0.2, ±0.5 (Max) Architecture - Operating Temperature -40°C ~ 125°C Package / Case SOT-23-8 Thin, TSOT-23-8 Supplier Device Package TSOT-23-8	Number of Bits	10
Output TypeVoltage - BufferedDifferential OutputNoData InterfaceI2CReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 5.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±0.2, ±0.5 (Max)Architecture-Operating Temperature-40°C ~ 125°CPackage / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8	Number of D/A Converters	2
Differential Output Data Interface I2C Reference Type External, Internal Voltage - Supply, Analog 2.7 V ~ 5.5 V Voltage - Supply, Digital INL/DNL (LSB) Architecture Operating Temperature Package / Case SOT-23-8 Supplier Device Package	Settling Time	4μs (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) $\pm 0.2, \pm 0.5 \text{ (Max)}$ Architecture-Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8	Output Type	Voltage - Buffered
Reference 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) $\pm 0.2, \pm 0.5 \text{ (Max)}$ Architecture-Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8	Differential Output	No
Voltage - Supply, Analog 2.7 V \sim 5.5 V Voltage - Supply, Digital 2.7 V \sim 5.5 V INL/DNL (LSB) \pm 0.2, \pm 0.5 (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	Data Interface	I2C
Voltage - Supply, Digital 2.7 V \sim 5.5 V INL/DNL (LSB) \pm 0.2, \pm 0.5 (Max) Architecture - Operating Temperature -40°C \sim 125°C Package / Case SOT-23-8 Thin, TSOT-23-8 Supplier Device Package	Reference Type	External, Internal
INL/DNL (LSB) $\pm 0.2, \pm 0.5$ (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	Voltage - Supply, Analog	2.7 V ~ 5.5 V
Architecture - Operating Temperature -40°C ~ 125°C Package / Case SOT-23-8 Thin, TSOT-23-8 Supplier Device Package TSOT-23-8	Voltage - Supply, Digital	2.7 V ~ 5.5 V
Operating Temperature -40°C ~ 125°C Package / Case SOT-23-8 Thin, TSOT-23-8 Supplier Device Package TSOT-23-8	INL/DNL (LSB)	$\pm 0.2, \pm 0.5 \text{ (Max)}$
Package / Case SOT-23-8 Thin, TSOT-23-8 Supplier Device Package TSOT-23-8	Architecture	-
Supplier Device Package TSOT-23-8	Operating Temperature	-40°C ~ 125°C
	Package / Case	SOT-23-8 Thin, TSOT-23-8
Mounting Type -	Supplier Device Package	TSOT-23-8
	Mounting Type	-
Report errors?		Report errors?

LTC2633HTS8-LO10#TRMPBF 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.

LTC2633HTS8-LO10#TRMPBF Payment Methods





















LTC2633HTS8-LO10#TRMPBF Shipping Methods













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