

## LTC2633HTS8-LI10#TRMPBF

### LTC2633HTS8-LI10#TRMPBF Information



For Reference Only

Part Number LTC2633HTS8-LI10#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-LI10#TRMPBF Specifications

Manufacturer Part Number       LTC2633HTS8-L110#TRMPBF         Manufacturer       Linear Technology         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         Mounting Type       Report errors?		
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         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           Mounting Type         -	Manufacturer Part Number	LTC2633HTS8-LI10#TRMPBF
Data Acquisition - Digital to Analog Converters (DAC)Package $SOT-23-8$ Thin, TSOT-23-8Series-Number of Bits $10$ Number of D/A Converters $2$ Settling Time $4\mu s$ (Typ)Output TypeVoltage - BufferedDifferential OutputNoData Interface $12C$ 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) $\pm 0.2, \pm 0.5$ (Max)Architecture-Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case $SOT-23-8$ Thin, TSOT-23-8Supplier Device PackageTSOT-23-8Mounting Type-	Manufacturer	Linear Technology
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           Mounting Type         -	Category	Integrated Circuits (ICs)
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           Mounting Type         -		Data Acquisition - Digital to Analog Converters (DAC)
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-	Package	SOT-23-8 Thin, TSOT-23-8
Number 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-	Series	-
Settling 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-	Number of Bits	10
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  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  (Max)	Settling Time	4μs (Typ)
Data Interface  Reference Type  External, Internal  Voltage - Supply, Analog  Voltage - Supply, Digital  INL/DNL (LSB)  Architecture  Operating Temperature  Package / Case  SOT-23-8 Thin, TSOT-23-8  Mounting Type  Internal  Laternal, Internal  2.7 V ~ 5.5 V  Location Supply, Digital  2.7 V ~ 5.5 V  Location Supply, Digital	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) ±0.2, ±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  Mounting Type -	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 - Queriang Temperature -40°C $\sim$ 125°C Package / Case SOT-23-8 Thin, TSOT-23-8 Supplier Device Package TSOT-23-8 Mounting Type -	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 TSOT-23-8 Mounting Type -	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  Mounting Type -	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  Mounting Type -	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  Mounting Type -	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 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	-
The point straight		Report errors?

#### LTC2633HTS8-LI10#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-LI10#TRMPBF Payment Methods



















## LTC2633HTS8-LI10#TRMPBF Shipping Methods













If you have any question about LTC2633HTS8-LI10#TRMPBF, please do not hesitate to contact us!

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