

LTC2640ITS8-LZ10#TRPBF

LTC2640ITS8-LZ10#TRPBF Information



For Reference Only

Part Number LTC2640ITS8-LZ10#TRPBF

Manufacturer Linear Technology

Category Integrated Circuits (ICs)

Data Acquisition - Digital to Analog Converters

(DAC)

Description IC DAC 10BIT VOUT W/REF 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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LTC2640ITS8-LZ10#TRPBF Specifications

Manufacturer Part Number LTC2640ITS8-LZ10#TRPBF 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 1 Settling Time 3.8µs (Typ) Output Type Voltage - Buffered Differential Output No Data Interface SPI 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 ~ 85°C Package / Case SOT-23-8 Thin, TSOT-23-8 Supplier Device Package TSOT-23-8 Mounting Type -		
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Series - Number of Bits 10 Number of D/A Converters 1 Settling Time 3.8 μ s (Typ) Output Type Voltage - Buffered Differential Output No Data Interface SPI 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) $\pm 0.2, \pm 0.5$ (Max) Architecture - Operating Temperature $\pm 40^{\circ}$ C ~ 85°C Package / Case SOT-23-8 Thin, TSOT-23-8 Mounting Type -		Data Acquisition - Digital to Analog Converters (DAC)
Number of Bits Number of D/A Converters 1 Settling Time 3.8µs (Typ) Output Type Voltage - Buffered Differential Output No Data Interface SPI 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) Architecture Operating Temperature -40°C ~ 85°C Package / Case Supplier Device Package Mounting Type 1 3.8µs (Typ) Voltage - Buffered SPI External, Internal 2.7 V ~ 5.5 V Voltage - Supply, Analog 2.7 V ~ 5.5 V Supplier Device Package TSOT-23-8 Mounting Type -	Package	SOT-23-8 Thin, TSOT-23-8
Number of D/A Converters Settling Time 3.8µs (Typ) Output Type Voltage - Buffered Differential Output No Data Interface SPI Reference Type External, Internal Voltage - Supply, Analog Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) 40.2, ±0.5 (Max) Architecture Operating Temperature -40°C ~ 85°C Package / Case SUT-23-8 Thin, TSOT-23-8 Supplier Device Package Mounting Type - 1. 3.8µs (Typ) 3.8µs (Typ) No 1. 1. 2. 8µs (Typ) No No SPI External, Internal 2.7 V ~ 5.5 V INL/DNL (LSB) 4.0.2, ±0.5 (Max) Architecture -40°C ~ 85°C Package / Case SOT-23-8 Thin, TSOT-23-8 Mounting Type -	Series	-
Settling Time Output Type Voltage - Buffered Differential Output No Data Interface 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 Thin, TSOT-23-8 Mounting Type Voltage - Buffered No External, Internal 2.7 V ~ 5.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V Supplier Device Package TSOT-23-8 Mounting Type	Number of Bits	10
Output Type Voltage - Buffered Differential Output No Data Interface SPI 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 ~ 85°C Package / Case SOT-23-8 Thin, TSOT-23-8 Supplier Device Package TSOT-23-8 Mounting Type -	Number of D/A Converters	1
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 ~ 85°C Package / Case SOT-23-8 Thin, TSOT-23-8 Mounting Type - No External, Internal 2.7 V ~ 5.5 V External, Internal 2.7 V ~ 5.5 V (Max) -40°C ~ 85°C SOT-23-8 Thin, TSOT-23-8 Mounting Type -	Settling Time	3.8µs (Typ)
Data InterfaceSPIReference 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 $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8Mounting Type-	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 $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8Mounting 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 85°C Package / Case SOT-23-8 Thin, TSOT-23-8 Supplier Device Package TSOT-23-8 Mounting Type -	Data Interface	SPI
Voltage - Supply, Digital 2.7 V \sim 5.5 V INL/DNL (LSB) \pm 0.2, \pm 0.5 (Max) Architecture - Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ 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 $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ 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 ~ 85°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 ~ 85°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 ~ 85°C
Mounting Type -	Package / Case	SOT-23-8 Thin, TSOT-23-8
	Supplier Device Package	TSOT-23-8
Danast assault	Mounting Type	-
Report errors?		Report errors?

LTC2640ITS8-LZ10#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.

LTC2640ITS8-LZ10#TRPBF Payment Methods

































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