

LTC2631ITS8-HZ8#TRMPBF

LTC2631ITS8-HZ8#TRMPBF Information



For Reference Only

Part Number LTC2631ITS8-HZ8#TRMPBF

Manufacturer Linear Technology

Category Integrated Circuits (ICs)

Data Acquisition - Digital to Analog Converters

(DAC)

DescriptionIC DAC 8BIT VOUT 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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LTC2631ITS8-HZ8#TRMPBF Specifications

Manufacturer Part Number Manufacturer Linear Technology Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC) Package SOT-23-8 Thin, TSOT-23-8 Series - Number of Bits 8 Number of D/A Converters 1 Settling Time 3.7µs (Typ) Output Type Voltage - Buffered Differential Output No Data Interface I2C Reference Type External, Internal Voltage - Supply, Analog 5V Voltage - Supply, Digital 5V INL/DNL (LSB) 40.05, ±0.5 (Max) Architecture - Operating Temperature -40°C ~ 85°C Package / Case Supplier Device Package Mounting Type Linear Technology Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC) 8 SOT-23-8 Mounting Type Linear Technology Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC) 8 SOT-23-8 Mounting Type		
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PackageSOT-23-8 Thin, TSOT-23-8Series-Number of Bits8Number of D/A Converters1Settling Time3.7μs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData Interface12CReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VINL/DNL (LSB)±0.05, ±0.5 (Max)Architecture-Operating Temperature-40°C ~ 85°CPackage / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8	Category	Integrated Circuits (ICs)
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Number of Bits8Number of D/A Converters1Settling Time3.7μs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData InterfaceI2CReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VINL/DNL (LSB)±0.05, ±0.5 (Max)Architecture-Operating Temperature-40°C ~ 85°CPackage / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8	Package	SOT-23-8 Thin, TSOT-23-8
Number of D/A Converters1Settling Time3.7μs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData InterfaceI2CReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VINL/DNL (LSB)±0.05, ±0.5 (Max)Architecture-Operating Temperature-40°C ~ 85°CPackage / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8	Series	-
Settling Time 3.7µs (Typ) Output Type Voltage - Buffered Differential Output No Data Interface I2C Reference Type External, Internal Voltage - Supply, Analog 5V Voltage - Supply, Digital 5V INL/DNL (LSB) ±0.05, ±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	Number of Bits	8
Output Type Differential Output No Data Interface I2C Reference Type External, Internal Voltage - Supply, Analog Voltage - Supply, Digital INL/DNL (LSB) Architecture Operating Temperature Package / Case SUT-23-8 Supplier Device Package Voltage - Buffered No No No No External, Internal 5V Voltage - Supply, Digital 5V External, Internal 5V Color - So SV Voltage - Supply, Digital SV External, Internal 5V SV SUPPLICATION SOV SOV SOV SOV SOV SOV SOV S	Number of D/A Converters	1
Differential Output Data Interface I2C Reference Type External, Internal Voltage - Supply, Analog Voltage - Supply, Digital INL/DNL (LSB) Architecture Operating Temperature Package / Case SUPPLIED TO SOT-23-8 Supplier Device Package	Settling Time	3.7μs (Typ)
Data Interface I2C Reference Type External, Internal Voltage - Supply, Analog 5V Voltage - Supply, Digital 5V INL/DNL (LSB) ±0.05, ±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	Output Type	Voltage - Buffered
Reference Type External, Internal Voltage - Supply, Analog 5V Voltage - Supply, Digital 5V INL/DNL (LSB) ±0.05, ±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	Differential Output	No
Voltage - Supply, Analog Voltage - Supply, Digital INL/DNL (LSB) Architecture Operating Temperature Package / Case SOT-23-8 Thin, TSOT-23-8 Supplier Device Package	Data Interface	I2C
Voltage - Supply, Digital 5V $INL/DNL (LSB) = \pm 0.05, \pm 0.5 (Max)$ Architecture - $Operating Temperature = -40^{\circ}C \sim 85^{\circ}C$ Package / Case SOT-23-8 Thin, TSOT-23-8 Supplier Device Package $TSOT-23-8$	Reference Type	External, Internal
INL/DNL (LSB) $\pm 0.05, \pm 0.5$ (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	Voltage - Supply, Analog	5V
Architecture - Operating Temperature -40°C ~ 85°C Package / Case SOT-23-8 Thin, TSOT-23-8 Supplier Device Package TSOT-23-8	Voltage - Supply, Digital	5V
Operating Temperature -40°C ~ 85°C Package / Case SOT-23-8 Thin, TSOT-23-8 Supplier Device Package TSOT-23-8	INL/DNL (LSB)	$\pm 0.05, \pm 0.5 \text{ (Max)}$
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 ~ 85°C
	Package / Case	SOT-23-8 Thin, TSOT-23-8
Mounting Type -	Supplier Device Package	TSOT-23-8
	Mounting Type	-
Report errors?		Report errors?

LTC2631ITS8-HZ8#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.

LTC2631ITS8-HZ8#TRMPBF Payment Methods



















LTC2631ITS8-HZ8#TRMPBF Shipping Methods













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