

LTC2631HTS8-HZ12#TRMPBF

LTC2631HTS8-HZ12#TRMPBF Information



For Reference Only

Part Number LTC2631HTS8-HZ12#TRMPBF

Manufacturer Linear Technology

Category Integrated Circuits (ICs)

Data Acquisition - Digital to Analog Converters

(DAC)

DescriptionIC DAC 12BIT 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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LTC2631HTS8-HZ12#TRMPBF Specifications

Manufacturer Part Number LTC2631HTS8-HZ12#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 12 Number of D/A Converters 1 Settling Time 4.6µs (Typ) Output Type Voltage - Buffered Differential Output No Data Interface 12C Reference Type External, Internal Voltage - Supply, Analog 5V Voltage - Supply, Digital 5V INL/DNL (LSB) ±1, ±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 -		
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Number of Bits12Number of D/A Converters1Settling Time4.6μs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData InterfaceI2CReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VINL/DNL (LSB)±1, ±1 (Max)Architecture-Operating Temperature-40°C ~ 125°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 Time $4.6\mu s$ (Typ)Output TypeVoltage - BufferedDifferential OutputNoData Interface $12C$ Reference TypeExternal, InternalVoltage - Supply, Analog $5V$ Voltage - Supply, Digital $5V$ INL/DNL (LSB) $\pm 1, \pm 1$ (Max)Architecture-Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Package / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8	Series	-
Settling Time 4.6µs (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) ±1, ±1 (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	12
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) ±1, ±1 (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 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 SOT-23-8 Supplier Device Package	Settling Time	4.6μs (Typ)
Data Interface Reference Type External, Internal Voltage - Supply, Analog Voltage - Supply, Digital SV Voltage - Supply, Digital INL/DNL (LSB) ±1, ±1 (Max) Architecture Operating Temperature -40°C ~ 125°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 Voltage - Supply, Digital 5V INL/DNL (LSB) ±1, ±1 (Max) Architecture - Operating Temperature -40°C ~ 125°C Package / Case SOT-23-8 Thin, TSOT-23-8 Supplier Device Package TSOT-23-8	Differential Output	No
Voltage - Supply, Analog5VVoltage - Supply, Digital5VINL/DNL (LSB) ± 1 , ± 1 (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	Data Interface	I2C
Voltage - Supply, Digital5V INL/DNL (LSB) ± 1 , ± 1 (Max)Architecture-Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Package / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8	Reference Type	External, Internal
INL/DNL (LSB) ± 1 , ± 1 (Max)Architecture-Operating Temperature -40° C ~ 125° CPackage / CaseSOT-23-8 Thin, TSOT-23-8Supplier Device PackageTSOT-23-8	Voltage - Supply, Analog	5V
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	5V
Operating Temperature -40°C ~ 125°C Package / Case SOT-23-8 Thin, TSOT-23-8 Supplier Device Package TSOT-23-8	INL/DNL (LSB)	$\pm 1, \pm 1 \text{ (Max)}$
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?

LTC2631HTS8-HZ12#TRMPBF Guarantees



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LTC2631HTS8-HZ12#TRMPBF Payment Methods



















LTC2631HTS8-HZ12#TRMPBF Shipping Methods













If you have any question about LTC2631HTS8-HZ12#TRMPBF, please do not hesitate to contact us!

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