

LTC2637HDE-HMI8#TRPBF

LTC2637HDE-HMI8#TRPBF Information



For Reference Only

Part Number LTC2637HDE-HMI8#TRPBF

Manufacturer Linear Technology

Category Integrated Circuits (ICs)

Data Acquisition - Digital to Analog Converters

(DAC)

Description IC DAC 8BIT I2C OCTAL 14DFN

Package 14-WFDFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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LTC2637HDE-HMI8#TRPBF Specifications

Manufacturer Part Number LTC2637HDE-HMI8#TRPBF Manufacturer Linear Technology Category Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC) Package 14-WFDPN Exposed Pad Series - Number of Bits 8 Number of D/A Converters 8 Settling Time 3.9μs (Typ) Output Type Voltage - Buffered Differential Output No Data Interface 12C Reference Type External, Internal Voltage - Supply, Analog 5V Voltage - Supply, Digital 5V Voltage - Supply, Digital 5V INL/DNL (LSB) ±0.05, ±0.5 (Max) Architecture - Operating Temperature -40°C ~ 125°C Package / Case 14-WFDFN Exposed Pad Supplier Device Package 14-DFN (4x3) Mounting Type -		
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Package14-WFDFN Exposed PadSeries-Number of Bits8Number of D/A Converters8Settling Time3.9μs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData InterfaceI2CReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VINL/DNL (LSB)±0.05, ±0.5 (Max)Architecture-Operating Temperature-40°C ~ 125°CPackage / Case14-WFDFN Exposed PadSupplier Device Package14-DFN (4x3)Mounting Type-	Manufacturer	Linear Technology
Package14-WFDFN Exposed PadSeries-Number of Bits8Number of D/A Converters8Settling Time3.9μs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData InterfaceI2CReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VINL/DNL (LSB)±0.05, ±0.5 (Max)Architecture-Operating Temperature-40°C ~ 125°CPackage / Case14-WFDFN Exposed PadSupplier Device Package14-DFN (4x3)Mounting Type-	Category	Integrated Circuits (ICs)
Series - Number of Bits 8 Number of D/A Converters 8 Settling Time 3.9μs (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) ±0.05, ±0.5 (Max) Architecture - Operating Temperature -40°C ~ 125°C Package / Case 14-WFDFN Exposed Pad Supplier Device Package 14-DFN (4x3) Mounting Type -		Data Acquisition - Digital to Analog Converters (DAC)
Number of Bits8Number of D/A Converters8Settling Time3.9μs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData InterfaceI2CReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VINL/DNL (LSB)±0.05, ±0.5 (Max)Architecture-Operating Temperature-40°C ~ 125°CPackage / Case14-WFDFN Exposed PadSupplier Device Package14-DFN (4x3)Mounting Type-	Package	14-WFDFN Exposed Pad
Number of D/A Converters Settling Time 3.9µs (Typ) Output Type Voltage - Buffered Differential Output No Data Interface I2C Reference Type External, Internal Voltage - Supply, Analog Voltage - Supply, Digital INL/DNL (LSB) \$\frac{\pmathcal{B}}{\pmathcal{B}}\$ \text{\text{\text{\text{B}}}}\$ \text{\t	Series	-
Settling Time3.9μs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData InterfaceI2CReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VINL/DNL (LSB)±0.05, ±0.5 (Max)Architecture-Operating Temperature-40°C ~ 125°CPackage / Case14-WFDFN Exposed PadSupplier Device Package14-DFN (4x3)Mounting Type-	Number of Bits	8
Output TypeVoltage - BufferedDifferential OutputNoData InterfaceI2CReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VINL/DNL (LSB)±0.05, ±0.5 (Max)Architecture-Operating Temperature-40°C ~ 125°CPackage / Case14-WFDFN Exposed PadSupplier Device Package14-DFN (4x3)Mounting Type-	Number of D/A Converters	8
Differential Output Data Interface I2C Reference Type External, Internal Voltage - Supply, Analog Voltage - Supply, Digital SV INL/DNL (LSB) Architecture Operating Temperature -40°C ~ 125°C Package / Case 14-WFDFN Exposed Pad Supplier Device Package Mounting Type - No External, Internal SV Available SV Voltage - Supply, Digital SV	Settling Time	3.9µs (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 ~ 125°C Package / Case 14-WFDFN Exposed Pad Supplier Device Package 14-DFN (4x3) Mounting Type -	Output Type	Voltage - Buffered
Reference Type External, Internal Voltage - Supply, Analog Voltage - Supply, Digital 5V INL/DNL (LSB) 40.05, ±0.5 (Max) Architecture - Operating Temperature -40°C ~ 125°C Package / Case 14-WFDFN Exposed Pad Supplier Device Package 14-DFN (4x3) Mounting Type - External, Internal 5V Analog 5V Analog 6V 40°C ~ 125°C 14-WFDFN Exposed Pad 14-WFDFN Exposed Pad 14-DFN (4x3)	Differential Output	No
Voltage - Supply, Analog Voltage - Supply, Digital 5V INL/DNL (LSB) Architecture Operating Temperature -40°C ~ 125°C Package / Case 14-WFDFN Exposed Pad Supplier Device Package 14-DFN (4x3) Mounting Type - 5V 40°C ~ 125°C 14-WFDFN Exposed Pad 14-DFN (4x3)	Data Interface	I2C
Voltage - Supply, Digital5V INL/DNL (LSB) ± 0.05 , ± 0.5 (Max)Architecture-Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case $14\text{-WFDFN Exposed Pad}$ Supplier Device Package $14\text{-DFN } (4x3)$ Mounting Type-	Reference Type	External, Internal
INL/DNL (LSB) $\pm 0.05, \pm 0.5$ (Max)Architecture-Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case $14\text{-WFDFN Exposed Pad}$ Supplier Device Package $14\text{-DFN } (4x3)$ Mounting Type-	Voltage - Supply, Analog	5V
Architecture Operating Temperature40°C ~ 125°C Package / Case 14-WFDFN Exposed Pad Supplier Device Package 14-DFN (4x3) Mounting Type	Voltage - Supply, Digital	5V
Operating Temperature -40°C ~ 125°C Package / Case 14-WFDFN Exposed Pad Supplier Device Package 14-DFN (4x3) Mounting Type -	INL/DNL (LSB)	$\pm 0.05, \pm 0.5 \text{ (Max)}$
Package / Case 14-WFDFN Exposed Pad Supplier Device Package 14-DFN (4x3) Mounting Type -	Architecture	-
Supplier Device Package 14-DFN (4x3) Mounting Type -	Operating Temperature	-40°C ~ 125°C
Mounting Type -	Package / Case	14-WFDFN Exposed Pad
	Supplier Device Package	14-DFN (4x3)
Report errors?	Mounting Type	-
		Report errors?

LTC2637HDE-HMI8#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.

LTC2637HDE-HMI8#TRPBF Payment Methods





















LTC2637HDE-HMI8#TRPBF Shipping Methods













If you have any question about LTC2637HDE-HMI8#TRPBF, please do not hesitate to contact us!

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