

# LTC2637HDE-LZ10#TRPBF

### LTC2637HDE-LZ10#TRPBF Information



For Reference Only

Part Number LTC2637HDE-LZ10#TRPBF

Manufacturer Linear Technology

Category Integrated Circuits (ICs)

Data Acquisition - Digital to Analog Converters

(DAC)

**Description** IC DAC 10BIT 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



Request a Quote

# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









## LTC2637HDE-LZ10#TRPBF Specifications

Manufacturer Part Number       LTC2637HDE-LZ10#TRPBF         Manufacturer       Linear Technology         Category       Integrated Circuits (ICs)         Data Acquisition - Digital to Analog Converters (DAC)         Package       14-WFDFN Exposed Pad         Series       -         Number of Bits       10         Number of D/A Converters       8         Settling Time       4.1μs (Typ)         Output Type       Voltage - Buffered         Differential Output       No         Data Interface       I2C         Reference Type       External, Internal         Voltage - Supply Apploy       2.7 V + 5.5 V		
Category Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC) Package 14-WFDFN Exposed Pad Series - Number of Bits 10 Number of D/A Converters 8 Settling Time 4.1µs (Typ) Output Type Voltage - Buffered Differential Output No Data Interface I2C Reference Type External, Internal	nufacturer Part Number	LTC2637HDE-LZ10#TRPBF
Data Acquisition - Digital to Analog Converters (DAC)         Package       14-WFDFN Exposed Pad         Series       -         Number of Bits       10         Number of D/A Converters       8         Settling Time       4.1μs (Typ)         Output Type       Voltage - Buffered         Differential Output       No         Data Interface       I2C         Reference Type       External, Internal	nufacturer	Linear Technology
Package       14-WFDFN Exposed Pad         Series       -         Number of Bits       10         Number of D/A Converters       8         Settling Time       4.1μs (Typ)         Output Type       Voltage - Buffered         Differential Output       No         Data Interface       I2C         Reference Type       External, Internal	egory	Integrated Circuits (ICs)
Series - Number of Bits 10 Number of D/A Converters 8 Settling Time 4.1µs (Typ) Output Type Voltage - Buffered Differential Output No Data Interface I2C Reference Type External, Internal		Data Acquisition - Digital to Analog Converters (DAC)
Number of Bits       10         Number of D/A Converters       8         Settling Time       4.1μs (Typ)         Output Type       Voltage - Buffered         Differential Output       No         Data Interface       I2C         Reference Type       External, Internal	kage	14-WFDFN Exposed Pad
Number of D/A Converters 8  Settling Time 4.1µs (Typ)  Output Type Voltage - Buffered  Differential Output No  Data Interface I2C  Reference Type External, Internal	ies	-
Settling Time 4.1µs (Typ)  Output Type Voltage - Buffered  Differential Output No  Data Interface I2C  Reference Type External, Internal	nber of Bits	10
Output Type Voltage - Buffered  Differential Output No  Data Interface I2C  Reference Type External, Internal	nber of D/A Converters	8
Differential Output No Data Interface I2C Reference Type External, Internal	ling Time	4.1μs (Typ)
Data Interface I2C Reference Type External, Internal	put Type	Voltage - Buffered
Reference Type External, Internal	ferential Output	No
	a Interface	I2C
Voltage Supply Apples 2.7 V . 5.5 V	erence Type	External, Internal
voltage - Suppry, Analog 2.7 v ~ 3.3 v	tage - Supply, Analog	2.7 V ~ 5.5 V
Voltage - Supply, Digital $2.7 \text{ V} \sim 5.5 \text{ V}$	tage - Supply, Digital	2.7 V ~ 5.5 V
INL/DNL (LSB) $\pm 0.2, \pm 0.5$ (Max)	L/DNL (LSB)	$\pm 0.2, \pm 0.5 \text{ (Max)}$
Architecture -	hitecture	-
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	erating Temperature	-40°C ~ 125°C
Package / Case 14-WFDFN Exposed Pad	kage / Case	14-WFDFN Exposed Pad
Supplier Device Package 14-DFN (4x3)	plier Device Package	14-DFN (4x3)
Mounting Type -	unting Type	-
Report erro		Report errors?

### LTC2637HDE-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.

### LTC2637HDE-LZ10#TRPBF Payment Methods



















## LTC2637HDE-LZ10#TRPBF Shipping Methods













If you have any question about LTC2637HDE-LZ10#TRPBF, please do not hesitate to contact us!

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