

LTC2634CUD-HMI8#TRPBF

LTC2634CUD-HMI8#TRPBF Information



For Reference Only

Part Number LTC2634CUD-HMI8#TRPBF

Manufacturer Linear Technology

Category Integrated Circuits (ICs)

Data Acquisition - Digital to Analog Converters

(DAC)

Description IC DAC 8BIT QUAD 4.096V 16QFN

Package 16-WFQFN 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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LTC2634CUD-HMI8#TRPBF Specifications

Manufacturer Part Number LTC2634CUD-HMI8#TRPBF Manufacturer Linear Technology Category Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC) Package 16-WFQFN Exposed Pad Series - Number of Bits 8 Number of D/A Converters 4 Settling Time 3.8µs (Typ) Output Type Voltage - Buffered Differential Output No Data Interface SPI Reference Type External, Internal Voltage - Supply, Analog 5V Voltage - Supply, Digital 5V INL/DNL (LSB) ±0.05, ±0.5 (Max) Architecture - Operating Temperature 0°C ~ 70°C Package / Case 16-WFQFN Exposed Pad Supplier Device Package 16-QFN-EP (3x3) Mounting Type -		
Category Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC) Package 16-WFQFN Exposed Pad Series - Number of Bits 8 Number of D/A Converters 4 Settling Time 3.8µs (Typ) Output Type Voltage - Buffered Differential Output No Data Interface SPI Reference Type External, Internal Voltage - Supply, Analog 5V Voltage - Supply, Digital 5V INL/DNL (LSB) 4-0.05, ±0.5 (Max) Architecture Operating Temperature 0°C ~ 70°C Package / Case 16-WFQFN Exposed Pad Supple Device Package Mounting Type - Integrated Circuits (ICs) Data Interface (DAC) 16-WFQFN Exposed Pad 16-QFN-EP (3x3) Mounting Type	Manufacturer Part Number	LTC2634CUD-HMI8#TRPBF
Package16-WFQFN Exposed PadSeries-Number of Bits8Number of D/A Converters4Settling Time3.8µs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VINL/DNL (LSB)±0.05, ±0.5 (Max)Architecture-Operating Temperature0°C ~ 70°CPackage / Case16-WFQFN Exposed PadSupplier Device Package16-QFN-EP (3x3)Mounting Type-	Manufacturer	Linear Technology
Package16-WFQFN Exposed PadSeries-Number of Bits8Number of D/A Converters4Settling Time3.8μs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VINL/DNL (LSB)±0.05, ±0.5 (Max)Architecture-Operating Temperature0°C ~ 70°CPackage / Case16-WFQFN Exposed PadSupplier Device Package16-QFN-EP (3x3)Mounting Type-	Category	Integrated Circuits (ICs)
Series - Number of Bits 8 8 Number of D/A Converters 4 Settling Time 3.8µs (Typ) Output Type Voltage - Buffered Differential Output No Data Interface SPI Reference Type External, Internal Voltage - Supply, Analog 5V Voltage - Supply, Digital 5V INL/DNL (LSB) ±0.05, ±0.5 (Max) Architecture - Operating Temperature 0°C ~ 70°C Package / Case 16-WFQFN Exposed Pad Supplier Device Package 16-QFN-EP (3x3) Mounting Type -		Data Acquisition - Digital to Analog Converters (DAC)
Number of Bits Number of D/A Converters 4 Settling Time 3.8µs (Typ) Output Type Voltage - Buffered Differential Output No Data Interface SPI Reference Type External, Internal Voltage - Supply, Analog 5V Voltage - Supply, Digital 5V INL/DNL (LSB) 40.05, ±0.5 (Max) Architecture Operating Temperature 0°C ~ 70°C Package / Case 16-WFQFN Exposed Pad Supplier Device Package 16-QFN-EP (3x3) Mounting Type	Package	16-WFQFN Exposed Pad
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 5V INL/DNL (LSB) 4.005, ±0.5 (Max) Architecture Operating Temperature Package / Case 16-WFQFN Exposed Pad Supplier Device Package Mounting Type	Series	-
Settling Time 3.8µs (Typ) Output Type Voltage - Buffered Differential Output No Data Interface SPI Reference Type External, Internal Voltage - Supply, Analog 5V Voltage - Supply, Digital 5V INL/DNL (LSB) ±0.05, ±0.5 (Max) Architecture - Operating Temperature 0°C ~ 70°C Package / Case 16-WFQFN Exposed Pad Supplier Device Package 16-QFN-EP (3x3) Mounting Type -	Number of Bits	8
Output Type Voltage - Buffered Differential Output No Data Interface SPI Reference Type External, Internal Voltage - Supply, Analog 5V Voltage - Supply, Digital 5V INL/DNL (LSB) ±0.05, ±0.5 (Max) Architecture - Operating Temperature 0°C ~ 70°C Package / Case 16-WFQFN Exposed Pad Supplier Device Package 16-QFN-EP (3x3) Mounting Type -	Number of D/A Converters	4
Differential Output Data Interface SPI Reference Type External, Internal Voltage - Supply, Analog Voltage - Supply, Digital SV INL/DNL (LSB) Architecture Operating Temperature Package / Case 16-WFQFN Exposed Pad Supplier Device Package Mounting Type - No External, Internal SV CMax SV Ovaliant SV Available Supplier Device Package 16-QFN-EP (3x3) Mounting Type - No Ovaliant Supplier Device Package Available Supplier Device Package 16-QFN-EP (3x3) Mounting Type - Ovaliant Supplier Device Package 16-QFN-EP (3x3)	Settling Time	3.8µs (Typ)
Data Interface SPI Reference Type External, Internal Voltage - Supply, Analog 5V Voltage - Supply, Digital 5V INL/DNL (LSB) ±0.05, ±0.5 (Max) Architecture - Operating Temperature 0°C ~ 70°C Package / Case 16-WFQFN Exposed Pad Supplier Device Package 16-QFN-EP (3x3) Mounting Type -	Output Type	Voltage - Buffered
Reference TypeExternal, InternalVoltage - Supply, Analog $5V$ Voltage - Supply, Digital $5V$ INL/DNL (LSB) $\pm 0.05, \pm 0.5$ (Max)Architecture-Operating Temperature 0° C ~ 70° CPackage / Case 16 -WFQFN Exposed PadSupplier Device Package 16 -QFN-EP ($3x3$)Mounting Type-	Differential Output	No
Voltage - Supply, Analog Voltage - Supply, Digital INL/DNL (LSB) Architecture Operating Temperature Package / Case 16-WFQFN Exposed Pad Supplier Device Package Mounting Type 5V 5V ±0.05, ±0.5 (Max) - 0°C ~ 70°C Package / Case 16-WFQFN Exposed Pad 16-QFN-EP (3x3)	Data Interface	SPI
Voltage - Supply, Digital5V INL/DNL (LSB) ± 0.05 , ± 0.5 (Max)Architecture-Operating Temperature $0^{\circ}C \sim 70^{\circ}C$ Package / Case $16\text{-WFQFN Exposed Pad}$ Supplier Device Package 16-QFN-EP (3x3) Mounting Type-	Reference Type	External, Internal
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Architecture - Operating Temperature 0°C ~ 70°C Package / Case 16-WFQFN Exposed Pad Supplier Device Package 16-QFN-EP (3x3) Mounting Type -	Voltage - Supply, Digital	5V
Operating Temperature 0°C ~ 70°C Package / Case 16-WFQFN Exposed Pad Supplier Device Package 16-QFN-EP (3x3) Mounting Type -	INL/DNL (LSB)	$\pm 0.05, \pm 0.5 \text{ (Max)}$
Package / Case 16-WFQFN Exposed Pad Supplier Device Package 16-QFN-EP (3x3) Mounting Type -	Architecture	-
Supplier Device Package 16-QFN-EP (3x3) Mounting Type -	Operating Temperature	0°C ~ 70°C
Mounting Type -	Package / Case	16-WFQFN Exposed Pad
	Supplier Device Package	16-QFN-EP (3x3)
Report errors?	Mounting Type	-
		Report errors?

LTC2634CUD-HMI8#TRPBF Guarantees



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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.

LTC2634CUD-HMI8#TRPBF Payment Methods

































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