

LTC2635HUD-LMI8#TRPBF

LTC2635HUD-LMI8#TRPBF Information



For Reference Only

Part Number LTC2635HUD-LMI8#TRPBF

Manufacturer Linear Technology

Category Integrated Circuits (ICs)

Data Acquisition - Digital to Analog Converters

(DAC)

Description IC DAC 8BIT I2C QUAD 16-QFN

Package 16-WFQFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

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



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LTC2635HUD-LMI8#TRPBF Specifications

Manufacturer Part Number LTC2635HUD-LMI8#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 3.5μs (Typ) Output Type Voltage - Buffered Differential Output No Data Interface 12C Reference Type External, Internal Voltage - Supply, Analog 2.7 V ~ 5.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) ±0.05, ±0.5 (Max) Architecture - Operating Temperature -40°C ~ 125°C Package / Case 16-WFQFN Exposed Pad Supplier Device Package 16-QFN-EP (3x3) Mounting Type -		
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Series - Number of Bits 8 Number of D/A Converters 4 Settling Time 3.5μs (Typ) Output Type Voltage - Buffered Differential Output No Data Interface 12C Reference Type External, Internal Voltage - Supply, Analog 2.7 V ~ 5.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) ±0.05, ±0.5 (Max) Architecture - Operating Temperature -40°C ~ 125°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 Bits8Number of D/A Converters4Settling Time3.5μs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData InterfaceI2CReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 5.5 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)±0.05, ±0.5 (Max)Architecture-Operating Temperature-40°C ~ 125°CPackage / Case16-WFQFN Exposed PadSupplier Device Package16-QFN-EP (3x3)Mounting Type-	Package	16-WFQFN Exposed Pad
Number of D/A Converters4Settling Time $3.5\mu s$ (Typ)Output TypeVoltage - BufferedDifferential OutputNoData Interface12CReference TypeExternal, InternalVoltage - Supply, Analog $2.7 \text{ V} \sim 5.5 \text{ V}$ Voltage - Supply, Digital $2.7 \text{ V} \sim 5.5 \text{ V}$ INL/DNL (LSB) $\pm 0.05, \pm 0.5 \text{ (Max)}$ Architecture-Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case $16\text{-WFQFN Exposed Pad}$ Supplier Device Package 16-QFN-EP (3x3) Mounting Type-	Series	-
Settling Time $3.5\mu s$ (Typ) Output Type Voltage - Buffered Differential Output No Data Interface I2C Reference Type External, Internal Voltage - Supply, Analog $2.7 \text{ V} \sim 5.5 \text{ V}$ Voltage - Supply, Digital $2.7 \text{ V} \sim 5.5 \text{ V}$ INL/DNL (LSB) $\pm 0.05, \pm 0.5$ (Max) Architecture - Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case 16-WFQFN Exposed Pad Supplier Device Package 16-QFN-EP (3x3) Mounting Type -	Number of Bits	8
Output Type Differential Output No Data Interface I2C Reference Type External, Internal Voltage - Supply, Analog 2.7 V ~ 5.5 V Voltage - Supply, Digital INL/DNL (LSB) Architecture Operating Temperature -40°C ~ 125°C Package / Case I6-WFQFN Exposed Pad Supplier Device Package Mounting Type Voltage - Buffered No External, Internal 2.7 V ~ 5.5 V Fackage - Supply, Digital External, Internal 2.7 V ~ 5.5 V External, Internal 2.7 V ~ 5.5 V Fackage - Supply, Digital External, Internal External, Internal 2.7 V ~ 5.5 V External, Internal 2.7 V ~ 5.5 V Fackage - Supply, Digital External, Internal External, Internal	Number of D/A Converters	4
Differential Output Data Interface Reference Type External, Internal Voltage - Supply, Analog Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) 40.05, ±0.5 (Max) Architecture Operating Temperature -40°C ~ 125°C Package / Case 16-WFQFN Exposed Pad Supplier Device Package 16-QFN-EP (3x3) Mounting Type - No External, Internal 2.7 V ~ 5.5 V (Max)	Settling Time	3.5µs (Typ)
Data Interface Reference Type External, Internal Voltage - Supply, Analog 2.7 V ~ 5.5 V Voltage - Supply, Digital 2.7 V ~ 5.5 V INL/DNL (LSB) 40.05, ±0.5 (Max) Architecture Operating Temperature -40°C ~ 125°C Package / Case 16-WFQFN Exposed Pad Supplier Device Package Mounting Type - I2C External, Internal 2.7 V ~ 5.5 V (Max) - 10-05, ±0.5 (Max) -	Output Type	Voltage - Buffered
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Voltage - Supply, Analog $2.7 \text{ V} \sim 5.5 \text{ V}$ Voltage - Supply, Digital $2.7 \text{ V} \sim 5.5 \text{ V}$ INL/DNL (LSB) $\pm 0.05, \pm 0.5 \text{ (Max)}$ Architecture-Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case $16\text{-WFQFN Exposed Pad}$ Supplier Device Package 16-QFN-EP (3x3) Mounting Type-	Data Interface	I2C
Voltage - Supply, Digital 2.7 V \sim 5.5 V INL/DNL (LSB) \pm 0.05, \pm 0.5 (Max) Architecture - Coperating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case 16-WFQFN Exposed Pad Supplier Device Package 16-QFN-EP (3x3) 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 $16\text{-WFQFN Exposed Pad}$ Supplier Device Package 16-QFN-EP (3x3) Mounting Type -	Voltage - Supply, Analog	2.7 V ~ 5.5 V
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Operating Temperature -40°C ~ 125°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	-40°C ~ 125°C
Mounting Type -	Package / Case	16-WFQFN Exposed Pad
	Supplier Device Package	16-QFN-EP (3x3)
Report errors?	Mounting Type	-
·		Report errors?

LTC2635HUD-LMI8#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.

LTC2635HUD-LMI8#TRPBF Payment Methods



















LTC2635HUD-LMI8#TRPBF Shipping Methods













If you have any question about LTC2635HUD-LMI8#TRPBF, please do not hesitate to contact us!

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