

LTC2666IUH-12#TRPBF

LTC2666IUH-12#TRPBF Information

Part Number LTC2666IUH-12#TRPBF

Manufacturer Linear Technology

Category Integrated Circuits (ICs)

Data Acquisition - Digital to Analog Converters

(DAC)

DescriptionIC DAC 12BIT 32QFNPackage32-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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LTC2666IUH-12#TRPBF Specifications

Manufacturer Part NumberLTC2666IUH-12#TRPBFManufacturerLinear TechnologyCategoryIntegrated Circuits (ICs)Data Acquisition - Digital to Analog Converters (DAC)Package32-WFQFN Exposed PadSeriesSoftSpan?Number of Bits12Number of D/A Converters8Settling Time15.5μs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference TypeExternal, InternalVoltage - Supply, Analog±4.5 V ~ 15.75 VVoltage - Supply, Digital5VINL/DNL (LSB)±0.2, ±0.05Architecture-Operating Temperature-40°C ~ 85°CPackage / Case32-WFQFN Exposed Pad		
Category Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC) Package 32-WFQFN Exposed Pad Series SoftSpan? Number of Bits 12 Number of D/A Converters 8 Settling Time 15.5µs (Typ) Output Type Output Type Voltage - Buffered Differential Output No Data Interface SPI Reference Type External, Internal Voltage - Supply, Analog ±4.5 V ~ 15.75 V Voltage - Supply, Digital 5V INL/DNL (LSB) Architecture Operating Temperature -40°C ~ 85°C	Manufacturer Part Number	LTC2666IUH-12#TRPBF
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Package $32\text{-WFQFN Exposed Pad}$ SeriesSoftSpan?Number of Bits 12 Number of D/A Converters 8 Settling Time $15.5\mu s$ (Typ)Output TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference TypeExternal, InternalVoltage - Supply, Analog $\pm 4.5 \text{ V} \sim 15.75 \text{ V}$ Voltage - Supply, Digital 5V INL/DNL (LSB) $\pm 0.2, \pm 0.05$ Architecture-Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Category	Integrated Circuits (ICs)
Series SoftSpan? Number of Bits 12 Number of D/A Converters 8 Settling Time 15.5 μ s (Typ) Output Type Voltage - Buffered Differential Output No Data Interface SPI Reference Type External, Internal Voltage - Supply, Analog $\pm 4.5 \text{ V} \sim 15.75 \text{ V}$ Voltage - Supply, Digital 5V INL/DNL (LSB) $\pm 0.2, \pm 0.05$ Architecture - Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$		Data Acquisition - Digital to Analog Converters (DAC)
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Number of D/A Converters8Settling Time $15.5\mu s$ (Typ)Output TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference TypeExternal, InternalVoltage - Supply, Analog $\pm 4.5 \text{ V} \sim 15.75 \text{ V}$ Voltage - Supply, Digital 5V INL/DNL (LSB) $\pm 0.2, \pm 0.05$ Architecture-Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Series	SoftSpan?
Settling Time $15.5\mu s (Typ)$ Output Type $Voltage - Buffered$ Differential Output No Data Interface SPI Reference Type $External, Internal$ $Voltage - Supply, Analog$ $\pm 4.5 V \sim 15.75 V$ $Voltage - Supply, Digital$ $INL/DNL (LSB)$ $\Delta rchitecture$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$	Number of Bits	12
Output TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference TypeExternal, InternalVoltage - Supply, Analog $\pm 4.5 \text{ V} \sim 15.75 \text{ V}$ Voltage - Supply, Digital 5V INL/DNL (LSB) $\pm 0.2, \pm 0.05$ Architecture-Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Number of D/A Converters	8
Differential OutputNoData InterfaceSPIReference TypeExternal, InternalVoltage - Supply, Analog $\pm 4.5 \text{ V} \sim 15.75 \text{ V}$ Voltage - Supply, Digital5VINL/DNL (LSB) $\pm 0.2, \pm 0.05$ Architecture-Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Settling Time	15.5µs (Typ)
Data InterfaceSPIReference TypeExternal, InternalVoltage - Supply, Analog $\pm 4.5 \text{ V} \sim 15.75 \text{ V}$ Voltage - Supply, Digital 5V INL/DNL (LSB) $\pm 0.2, \pm 0.05$ Architecture-Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Output Type	Voltage - Buffered
Reference Type External, Internal Voltage - Supply, Analog $\pm 4.5 \text{ V} \sim 15.75 \text{ V}$ Voltage - Supply, Digital 5V INL/DNL (LSB) $\pm 0.2, \pm 0.05$ Architecture - Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Differential Output	No
Voltage - Supply, Analog $\pm 4.5 \text{ V} \sim 15.75 \text{ V}$ Voltage - Supply, Digital 5V INL/DNL (LSB) $\pm 0.2, \pm 0.05$ Architecture - Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Data Interface	SPI
Voltage - Supply, Digital 5V INL/DNL (LSB) $\pm 0.2, \pm 0.05$ Architecture - Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Reference Type	External, Internal
INL/DNL (LSB) $\pm 0.2, \pm 0.05$ Architecture - Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Voltage - Supply, Analog	±4.5 V ~ 15.75 V
Architecture - Operating Temperature -40°C ~ 85°C	Voltage - Supply, Digital	5V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	INL/DNL (LSB)	$\pm 0.2, \pm 0.05$
	Architecture	-
Package / Case 32-WFQFN Exposed Pad	Operating Temperature	-40°C ~ 85°C
*	Package / Case	32-WFQFN Exposed Pad
Supplier Device Package 32-QFN (5x5)	Supplier Device Package	32-QFN (5x5)
Mounting Type -	Mounting Type	-
Report errors		Report errors?

LTC2666IUH-12#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.

LTC2666IUH-12#TRPBF Payment Methods





















LTC2666IUH-12#TRPBF Shipping Methods













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