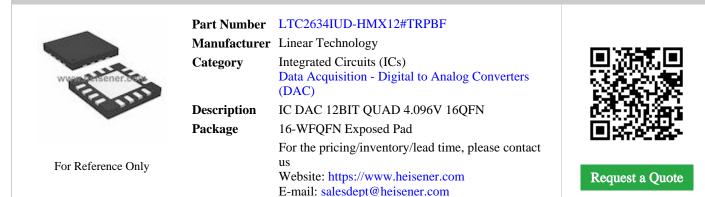


LTC2634IUD-HMX12#TRPBF

LTC2634IUD-HMX12#TRPBF Information



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.



LTC2634IUD-HMX12#TRPBF Specifications

Manufacturer Part NumberLTC2634IUD-HMX12#TRPBFManufacturerLinear TechnologyCategoryIntegrated Circuits (ICs)Data Acquisition - Digital to Analog Converters (DAC)Package16-WFQFN Exposed PadSeries-Number of Bits12Number of D/A Converters4Settling Time4.8µs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VINL/DNL (LSB)±1, ±1 (Max)Architecture-Operating Temperature40°C ~ 85°CPackage / Case16-WFQFN Exposed PadSupplier Device Package16-QFN-EP (3x3)		
CategoryIntegrated Circuits (ICs)Data Acquisition - Digital to Analog Converters (DAC)Package16-WFQFN Exposed PadSeries-Number of Bits12Number of D/A Converters4Settling Time4.8 μ s (Typ)Output TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VINL/DNL (LSB) $\pm 1, \pm 1$ (Max)Architecture-Operating Temperature -40° C ~ 85° CPackage / Case16-WFQFN Exposed PadSupplier Device Package16-QFN-EP (3x3)	Manufacturer Part Number	LTC2634IUD-HMX12#TRPBF
Data Acquisition - Digital to Analog Converters (DAC)Package16-WFQFN Exposed PadSeries-Number of Bits12Number of D/A Converters4Settling Time4.8µs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VINL/DNL (LSB)±1, ±1 (Max)Architecture-Operating Temperature-40°C ~ 85°CPackage / Case16-WFQFN Exposed PadSupplier Device Package16-QFN-EP (3x3)	Manufacturer	Linear Technology
Package16-WFQFN Exposed PadSeries-Number of Bits12Number of D/A Converters4Setting Time4.8µs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VINL/DNL (LSB)±1, ±1 (Max)Architecture-Operating Temperature-40°C ~ 85°CPackage / Case16-WFQFN Exposed PadSupplier Device Package16-QFN-EP (3x3)	Category	Integrated Circuits (ICs)
Series-Number of Bits12Number of D/A Converters4Settling Time4.8µs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VINL/DNL (LSB)±1, ±1 (Max)Architecture-Operating Temperature-40°C ~ 85°CPackage / Case16-QFN-EP (3x3)		Data Acquisition - Digital to Analog Converters (DAC)
Number of Bits12Number of D/A Converters4Settling Time4.8µs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VINL/DNL (LSB)±1, ±1 (Max)Architecture-Operating Temperature-40°C ~ 85°CPackage / Case16-WFQFN Exposed PadSupplier Device Package16-QFN-EP (3x3)	Package	16-WFQFN Exposed Pad
Number of D/A Converters4Settling Time4.8µs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VINL/DNL (LSB)±1, ±1 (Max)Architecture-Operating Temperature-40°C ~ 85°CPackage / Case16-WFQFN Exposed PadSupplier Device Package16-QFN-EP (3x3)	Series	-
Settling Time4.8µs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VINL/DNL (LSB)±1,±1 (Max)Architecture-Operating Temperature-40°C ~ 85°CPackage / Case16-WFQFN Exposed PadSupplier Device Package16-QFN-EP (3x3)	Number of Bits	12
Output TypeVoltage - BufferedDifferential OutputNoData InterfaceSPIReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VINL/DNL (LSB)±1, ±1 (Max)Architecture-Operating Temperature-40°C ~ 85°CPackage / Case16-WFQFN Exposed PadSupplier Device Package16-QFN-EP (3x3)	Number of D/A Converters	4
Differential OutputNoData InterfaceSPIReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VINL/DNL (LSB)±1, ±1 (Max)Architecture-Operating Temperature-40°C ~ 85°CPackage / Case16-WFQFN Exposed PadSupplier Device Package16-QFN-EP (3x3)	Settling Time	4.8µs (Typ)
Data InterfaceSPIReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VINL/DNL (LSB)±1, ±1 (Max)Architecture-Operating Temperature-40°C ~ 85°CPackage / Case16-WFQFN Exposed PadSupplier Device Package16-QFN-EP (3x3)	Output Type	Voltage - Buffered
Reference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VINL/DNL (LSB)±1, ±1 (Max)Architecture-Operating Temperature-40°C ~ 85°CPackage / Case16-WFQFN Exposed PadSupplier Device Package16-QFN-EP (3x3)	Differential Output	No
Voltage - Supply, Analog5VVoltage - Supply, Digital5VINL/DNL (LSB)±1, ±1 (Max)Architecture-Operating Temperature-40°C ~ 85°CPackage / Case16-WFQFN Exposed PadSupplier Device Package16-QFN-EP (3x3)	Data Interface	SPI
Voltage - Supply, Digital5VINL/DNL (LSB)±1, ±1 (Max)Architecture-Operating Temperature-40°C ~ 85°CPackage / Case16-WFQFN Exposed PadSupplier Device Package16-QFN-EP (3x3)	Reference Type	External, Internal
INL/DNL (LSB)±1, ±1 (Max)Architecture-Operating Temperature-40°C ~ 85°CPackage / Case16-WFQFN Exposed PadSupplier Device Package16-QFN-EP (3x3)	Voltage - Supply, Analog	5V
Architecture-Operating Temperature-40°C ~ 85°CPackage / Case16-WFQFN Exposed PadSupplier Device Package16-QFN-EP (3x3)	Voltage - Supply, Digital	5V
Operating Temperature-40°C ~ 85°CPackage / Case16-WFQFN Exposed PadSupplier Device Package16-QFN-EP (3x3)	INL/DNL (LSB)	$\pm 1, \pm 1$ (Max)
Package / Case16-WFQFN Exposed PadSupplier Device Package16-QFN-EP (3x3)	Architecture	-
Supplier Device Package16-QFN-EP (3x3)	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$
	Package / Case	16-WFQFN Exposed Pad
Mounting True	Supplier Device Package	16-QFN-EP (3x3)
Mounting Type -	Mounting Type	-
Report errors ⁴		Report errors?

LTC2634IUD-HMX12#TRPBF Guarantees



Quality 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.

UTC2634IUD-HMX12#TRPBF Payment MethodsImage: Image: Im

If you have any question about LTC2634IUD-HMX12#TRPBF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com