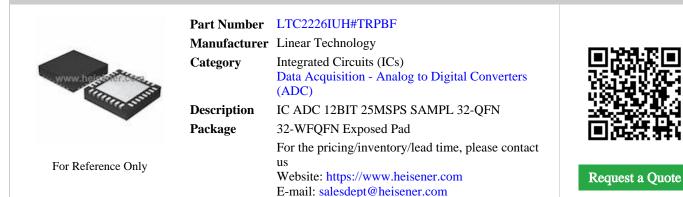


## LTC2226IUH#TRPBF

#### LTC2226IUH#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.



#### LTC2226IUH#TRPBF Specifications

CategoryIntegrated Circuits (ICs) Data Acquisition - Analog to Digital Converters (ADC)Package32-WFQFN Exposed PadSeries-Number of Bits12Sampling Rate (Per Second)25MNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceParallelConfiguration5/H-ADCRatio - S/H:ADC1Number of A/D Converters1Number of A/D Converters1Voltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital-Features-Operating Temperature40°C ~ 85°C		
CategoryIntegrated Circuits (ICs)Data Acquisition - Analog to Digital Converters (ADC)Package32-WFQFN Exposed PadSeries-Number of Bits12Sampling Rate (Per Second)25MNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital-9perating Temperature-0perating Temperature2.0 VFQFN Exposed PadSupplier Device Package32-WFQFN Exposed PadSupplier Device Package32-WFQFN Exposed PadSupplier Device Package-Mounting Type-	Manufacturer Part Number	LTC2226IUH#TRPBF
Index Acquisition - Analog to Digital Converters (ADC)Package32-WFQFN Exposed PadSeries-Number of Bits12Sampling Rate (Per Second)25MNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H: ADC1Number of A/D Converters1ArchitecturePielpielpielpielpielpielpielpielpielpielp	Manufacturer	Linear Technology
Package32-WFQFN Exposed PadSeries-Number of Bits12Sampling Rate (Per Second)25MNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1Reference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital-Features-Operating Temperature40°C ~ 85°CPackage / Case32-QFN (5x5)Mounting Type-	Category	Integrated Circuits (ICs)
Series-Number of Bits12Sampling Rate (Per Second)25MNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Digital2.7 V ~ 3.4 VVoltage - Supply, Digital-Operating Temperature-40°C ~ 85°CPackage / Case32-QFN (5x5)Mounting Type-		Data Acquisition - Analog to Digital Converters (ADC)
Number of Bits12Sampling Rate (Per Second)25MNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H: ADC1.1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Digital2.7 V ~ 3.4 VVoltage - Supply, Digital-Operating Temperature-40°C ~ 85°CPackage / Case32-VFN (Stas)Supplier Device Package32-QFN (Stas)Mounting Type-	Package	32-WFQFN Exposed Pad
Sampling Rate (Per Second)25MNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital-Peatures-Package / Case32-WFQFN Exposed PadSupplier Device Package32-QFN (5x5)Mounting Type-	Series	-
Number of Inputs1Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Digital2.7 V ~ 3.4 VVoltage - Supply, Digital-Peatures-Operating Temperature-40°C ~ 85°CPackage / Case32-WFQFN Exposed PadSupplier Device Package-Mounting Type-	Number of Bits	12
Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital-Peatures-Operating Temperature40°C ~ 85°CPackage / Case32-QFN Exposed PadSupplier Device Package32-QFN (5x5)Mounting Type-	Sampling Rate (Per Second)	25M
Data InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital2.7 V ~ 3.4 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case32-WFQFN Exposed PadSupplier Device Package-Mounting Type-	Number of Inputs	1
ConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital2.7 V ~ 3.4 VFeatures-Operating Temperature40°C ~ 85°CPackage / Case32-WFQFN Exposed PadSupplier Device Package32-QFN (5x5)Mounting Type-	Input Type	Differential, Single Ended
Ratio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital2.7 V ~ 3.4 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case32-WFQFN Exposed PadSupplier Device Package-Mounting Type-	Data Interface	Parallel
Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital2.7 V ~ 3.4 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case32-WFQFN Exposed PadSupplier Device Package32-QFN (5x5)Mounting Type-	Configuration	S/H-ADC
ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital2.7 V ~ 3.4 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case32-WFQFN Exposed PadSupplier Device Package32-QFN (5x5)Mounting Type-	Ratio - S/H:ADC	1:1
Reference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital2.7 V ~ 3.4 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case32-WFQFN Exposed PadSupplier Device Package32-QFN (5x5)Mounting Type-	Number of A/D Converters	1
Voltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital2.7 V ~ 3.4 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case32-WFQFN Exposed PadSupplier Device Package32-QFN (5x5)Mounting Type-	Architecture	Pipelined
Voltage - Supply, Digital2.7 V ~ 3.4 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case32-WFQFN Exposed PadSupplier Device Package32-QFN (5x5)Mounting Type-	Reference Type	External, Internal
Features-Operating Temperature-40°C ~ 85°CPackage / Case32-WFQFN Exposed PadSupplier Device Package32-QFN (5x5)Mounting Type-	Voltage - Supply, Analog	2.7 V ~ 3.4 V
Operating Temperature-40°C ~ 85°CPackage / Case32-WFQFN Exposed PadSupplier Device Package32-QFN (5x5)Mounting Type-	Voltage - Supply, Digital	2.7 V ~ 3.4 V
Package / Case32-WFQFN Exposed PadSupplier Device Package32-QFN (5x5)Mounting Type-	Features	-
Supplier Device Package32-QFN (5x5)Mounting Type-	Operating Temperature	$-40^{\circ}\mathrm{C} \sim 85^{\circ}\mathrm{C}$
Mounting Type -	Package / Case	32-WFQFN Exposed Pad
	Supplier Device Package	32-QFN (5x5)
Report errors?	Mounting Type	-
		Report errors?

#### LTC2226IUH#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 BUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

### LTC2226IUH#TRPBF Payment Methods



If you have any question about LTC2226IUH#TRPBF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com