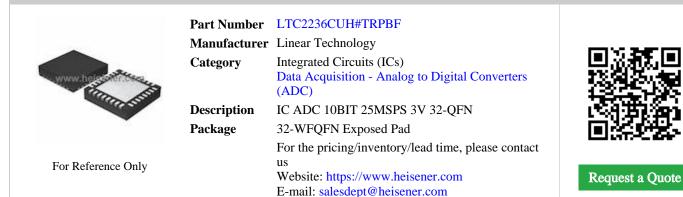


## LTC2236CUH#TRPBF

#### LTC2236CUH#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.



#### LTC2236CUH#TRPBF Specifications

Manufacturer Linear Technology   Manufacturer Linear Technology   Actegory Integrated Circuits (ICs)   Data Acquisition - Analog to Digital Converters (ADC)   Package 32-WFQFN Exposed Pad   Series -   Number of Bits 10   Sampling Rate (Per Second) 25M   Number of Inputs 1   Input Type Differential, Single Ended   Data Interface Parallel   Configuration S/H-ADC   Number of A/D Converters 1   Architecture Pipelined   Reference Type External, Internal   Voltage - Supply, Analog 2.7 V ~ 3.4 V   Voltage - Supply, Digital -   Peatures -   Operating Temperature 0°C ~ 70°C   Package / Case 32-WFQFN Exposed Pad   Supplier Device Package 32-WFQFN Exposed Pad		
CategoryIntegrated Circuits (ICs)Data Acquisition - Analog to Digital Converters (ADC)Package32-WFQFN Exposed PadSeries-Number of Bits10Sampling 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-Peratures-Operating Temperature0°C ~ 70°CPackage / Case32-WFQFN Exposed PadSupplier Device Package32-QFN (SxS)Mounting Type-	Manufacturer Part Number	LTC2236CUH#TRPBF
Index Acquisition - Analog to Digital Converters (ADC)Package32-WFQFN Exposed PadSeries-Number of Bits10Sampling 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 Bits10Sampling 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 Temperature0°C ~ 70°CPackage / Case32-QFN (5x5)Mounting Type-	Category	Integrated Circuits (ICs)
Series-Number of Bits10Sampling 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 Temperature0°C ~ 70°CPackage / Case32-QFN (5x5)Mounting Type-		Data Acquisition - Analog to Digital Converters (ADC)
Number of Bits10Sampling 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 VYoltage - Supply, Digital0°C ~ 70°CPackage / Case32-WFQFN Exposed PadSupplier Device Package32-QFN (5x5)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-Operating Temperature0°C ~ 70°CSupplier 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, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital2.7 V ~ 3.4 VFeatures-Operating Temperature0°C ~ 70°CPackage / Case32-WFQFN Exposed PadSupplier Device Package32-QFN (5x5)Mounting Type-	Number of Bits	10
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 Temperature0°C ~ 70°CPackage / Case32-WFQFN 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 Temperature0°C ~ 70°CPackage / Case32-QFN (5x5)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 Temperature0°C ~ 70°CPackage / Case32-WFQFN Exposed PadSupplier Device Package-Mounting Type-	Input Type	Differential, Single Ended
Ratio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedArchitectureExternal, InternalKeference Type2.7 V ~ 3.4 VVoltage - Supply, Digital2.7 V ~ 3.4 VVoltage - Supply, Digital-Peatures-Operating Temperature0°C ~ 70°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 Temperature0°C ~ 70°CPackage / Case32-WFQFN Exposed PadSupplier Device Package-Mounting Type-	Configuration	S/H-ADC
ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital2.7 V ~ 3.4 VFeatures-Operating Temperature0°C ~ 70°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 Temperature0°C ~ 70°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 Temperature0°C ~ 70°CPackage / Case32-WFQFN Exposed PadSupplier Device Package32-QFN (5x5)Mounting Type-	Architecture	Pipelined
Voltage - Supply, Digital2.7 V ~ 3.4 VFeatures-Operating Temperature0°C ~ 70°CPackage / Case32-WFQFN Exposed PadSupplier Device Package32-QFN (5x5)Mounting Type-	Reference Type	External, Internal
Features-Operating Temperature0°C ~ 70°CPackage / Case32-WFQFN Exposed PadSupplier Device Package32-QFN (5x5)Mounting Type-	Voltage - Supply, Analog	2.7 V ~ 3.4 V
Operating Temperature0°C ~ 70°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	$0^{\circ}C \sim 70^{\circ}C$
Mounting Type -	Package / Case	32-WFQFN Exposed Pad
	Supplier Device Package	32-QFN (5x5)
Report errors?	Mounting Type	-
		Report errors?

#### LTC2236CUH#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.

DISCOVER

#### LTC2236CUH#TRPBF Payment Methods



### LTC2236CUH#TRPBF Shipping Methods



If you have any question about LTC2236CUH#TRPBF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com