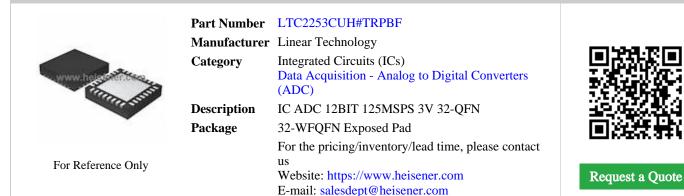


## LTC2253CUH#TRPBF

#### LTC2253CUH#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.



#### LTC2253CUH#TRPBF Specifications

Manufacturer Part NumberLTC2253CUH#TRPBFManufacturerLinear TechnologyCategoryIntegrated Circuits (ICs)Data Acquisition - Analog to Digital Converters (ADC)Package32-WFQFN Exposed PadSeries-Number of Bits12Sampling Rate (Per Second)125MNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio S/H:ADC1:1Number of A/D Converters1ArchitecturePielinedVoltage - Supply, Analog2.85 V ~ 3.4 VVoltage - Supply, Digital-Operating Temperatureo°C ~ 70°CPackage / Case32-WFQFN Exposed PadSupplier Device Package52-QFN (5x5)Mounting Type-		
CategoryIntegrated Circuits (ICs)Data Acquisition - Analog to Digital Converters (ADC)Package32-WFQFN Exposed PadSeries-Number of Bits12Sampling Rate (Per Second)125MNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCNumber of A/D Converters1ArchitecturePipelinedReference Type2.85 V ~ 3.4 VVoltage - Supply, Digital2.85 V ~ 3.4 VYoltage - Supply, Digital2.92 FV ©CFeatures-Operating Temperature0°C ~ 70°CPackage / Case32-QFN (Sx5)	Manufacturer Part Number	LTC2253CUH#TRPBF
Index decision - Analog to Digital Converters (ADC)Package32-WFQFN Exposed PadSeries-Number of Bits12Sampling Rate (Per Second)12SMNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceParalelConfigurationS/H-ADCNumber of A/D Converters1ArchitecturePipelinedVoltage - Supply, Analog2.85 V ~ 3.4 VVoltage - Supply, Digital-Peatrens-Operating Temperature0°C ~ 0°CPackage / Case32-QFN (SxS)Suppler Device Package32-QFN (SxS)	Manufacturer	Linear Technology
Package32-WFQFN Exposed PadSeries-Number of Bits12Sampling Rate (Per Second)125MNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.85 V ~ 3.4 VVoltage - Supply, Digital-Operating Temperature0°C ~ 70°CPackage / Case32-WFQFN Exposed PadSupplier Device Package32-QFN (5x5)	Category	Integrated Circuits (ICs)
Series-Number of Bits12Sampling Rate (Per Second)125MNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H: ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Digital2.85 V ~ 3.4 VVoltage - Supply, Digital-Operating Temperature0°C ~ 70°CPackage / Case32-QFN (5x5)		Data Acquisition - Analog to Digital Converters (ADC)
Number of Bits12Sampling Rate (Per Second)15MNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H: ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Digital2.85 V ~ 3.4 VVoltage - Supply, Digital-Operating Temperature0°C ~ 70°CPackage / Case32-QFN (Sx5)	Package	32-WFQFN Exposed Pad
Sampling Rate (Per Second)125MNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Digital2.85 V ~ 3.4 VPoerating Temperature-Operating Temperatures0°C ~ 70°CPackage / Case32-QFN (5x5)	Series	-
Number of Inputs1Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.85 V ~ 3.4 VVoltage - Supply, Digital-Operating Temperature0°C ~ 70°CPackage / Case32-WFQFN Exposed PadSupplier Device Package32-QFN (5x5)	Number of Bits	12
Input TypeDifferential, Single EndedInput TypeParallelData InterfaceS/H-ADCConfigurationS/H-ADCRatio - S/H:ADC1.1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.85 V ~ 3.4 VVoltage - Supply, Digital-Features-Operating Temperature0°C ~ 70°CPackage / Case32-QFN (5x5)	Sampling Rate (Per Second)	125M
Data InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.85 V ~ 3.4 VVoltage - Supply, Digital-Features-Operating Temperature0°C ~ 70°CPackage / Case32-WFQFN Exposed PadSupplier Device Package32-QFN (5x5)	Number of Inputs	1
Kin and a strain of the stra	Input Type	Differential, Single Ended
Ratio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedArchitectureExternal, InternalReference Type2.85 V ~ 3.4 VVoltage - Supply, Digital2.85 V ~ 3.4 VFeatures-Operating Temperature0°C ~ 70°CPackage / Case32-WFQFN Exposed PadSupplier Device Package32-QFN (5x5)	Data Interface	Parallel
Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.85 V ~ 3.4 VVoltage - Supply, Digital2.85 V ~ 3.4 VFeatures-Operating Temperature0°C ~ 70°CPackage / Case32-WFQFN Exposed PadSupplier Device Package32-QFN (5x5)	Configuration	S/H-ADC
ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.85 V ~ 3.4 VVoltage - Supply, Digital2.85 V ~ 3.4 VFeatures-Operating Temperature0°C ~ 70°CPackage / Case32-WFQFN Exposed PadSupplier Device Package32-QFN (5x5)	Ratio - S/H:ADC	1:1
Reference TypeExternal, InternalVoltage - Supply, Analog2.85 V ~ 3.4 VVoltage - Supply, Digital2.85 V ~ 3.4 VFeatures-Operating Temperature0°C ~ 70°CPackage / Case32-WFQFN Exposed PadSupplier Device Package32-QFN (5x5)	Number of A/D Converters	1
Voltage - Supply, Analog2.85 V ~ 3.4 VVoltage - Supply, Digital2.85 V ~ 3.4 VFeatures-Operating Temperature0°C ~ 70°CPackage / Case32-WFQFN Exposed PadSupplier Device Package32-QFN (5x5)	Architecture	Pipelined
Voltage - Supply, Digital2.85 V ~ 3.4 VFeatures-Operating Temperature0°C ~ 70°CPackage / Case32-WFQFN Exposed PadSupplier Device Package32-QFN (5x5)	Reference Type	External, Internal
Features-Operating Temperature0°C ~ 70°CPackage / Case32-WFQFN Exposed PadSupplier Device Package32-QFN (5x5)	Voltage - Supply, Analog	2.85 V ~ 3.4 V
Operating Temperature0°C ~ 70°CPackage / Case32-WFQFN Exposed PadSupplier Device Package32-QFN (5x5)	Voltage - Supply, Digital	2.85 V ~ 3.4 V
Package / Case32-WFQFN Exposed PadSupplier Device Package32-QFN (5x5)	Features	-
Supplier Device Package 32-QFN (5x5)	Operating Temperature	$0^{\circ}C \sim 70^{\circ}C$
	Package / Case	32-WFQFN Exposed Pad
Mounting Type -	Supplier Device Package	32-QFN (5x5)
	Mounting Type	-
Report errors?		Report errors?

#### LTC2253CUH#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.

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DISCOVER

#### LTC2253CUH#TRPBF Payment Methods



### LTC2253CUH#TRPBF Shipping Methods



If you have any question about LTC2253CUH#TRPBF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com

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