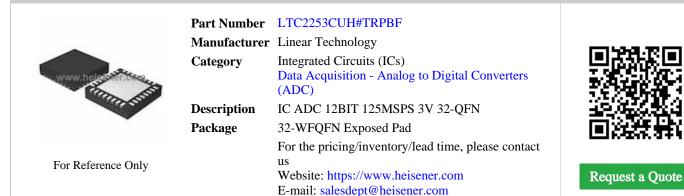


LTC2253CUH#TRPBF

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

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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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