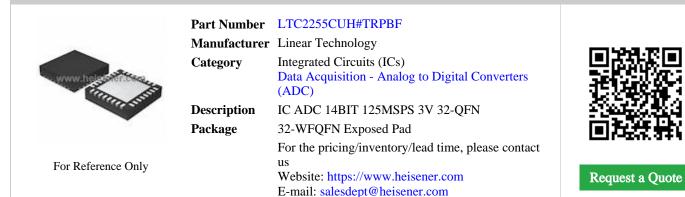


LTC2255CUH#TRPBF

LTC2255CUH#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.



LTC2255CUH#TRPBF Specifications

CategoryIntegrated Circuits (ICs) Data Acquisition - Analog to Digital Converters (ADC)Package32-WFQFN Exposed PadSeries-Number of Bits14Sampling Rate (Per Second)125MNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceParallelConfiguration5/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.85 V ~ 3.4 VVoltage - Supply, Digital-Peratures-Operating Temperature0°C ~ 70°C		
CategoryIntegrated Circuits (ICs)Data Acquisition - Analog to Digital Converters (ADC)Package32-WFQFN Exposed PadSeries-Number of Bits14Sampling 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 (Sx5)Mounting Type-	Manufacturer Part Number	LTC2255CUH#TRPBF
Index Acquisition - Analog to Digital Converters (ADC)Package32-WFQFN Exposed PadSeries-Number of Bits14Sampling Rate (Per Second)125MNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H: ADC1Number of A/D Converters1ArchitecturePielpielpielpielpielpielpielpielpielpielp	Manufacturer	Linear Technology
Package32-WFQFN Exposed PadSeries-Number of Bits14Sampling Rate (Per Second)125MNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1Reference TypeExternal, InternalVoltage - Supply, Analog2.85 V ~ 3.4 VVoltage - Supply, Digital.Features-Operating Temperature0°C ~ 70°CPackage / Case32-QFN (5x5)Mounting Type-	Category	Integrated Circuits (ICs)
Series-Number of Bits14Sampling 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, Digital2.85 V ~ 3.4 VPeatures-Operating Temperature0°C ~ 70°CPackage / Case32-QFN (5x5)Mounting Type-		Data Acquisition - Analog to Digital Converters (ADC)
Number of Bits14Sampling 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, Digital0°C ~ 70°CPerkange / Case32-WFQFN Exposed PadSupplier Device Package32-QFN (5x5)Mounting Type-	Package	32-WFQFN Exposed Pad
Sampling 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-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, Digital2.85 V ~ 3.4 VVoltage - Supply, Digital2.85 V ~ 3.4 VFeatures-Operating Temperature0°C ~ 70°CPackage / Case32-WFQFN Exposed PadSupplier Device Package-Mounting Type-	Number of Bits	14
Input TypeDifferential, Single EndedInput TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.85 V ~ 3.4 VVoltage - Supply, Digital-Peratures-Operating Temperature0°C ~ 70°CPackage / Case32-WFQFN Exposed PadSupplier Device Package32-QFN (5x5)Mounting Type-	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, Digital2.85 V ~ 3.4 VFeatures-Operating Temperature0°C ~ 70°CPackage / Case32-WFQEN Exposed PadSupplier Device Package32-QFN (5x5)Mounting Type-	Number of Inputs	1
ConfigurationS/H-ADCRatio - S/H:ADC1:1Number 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 Package-Mounting Type-	Input Type	Differential, Single Ended
Ratio - S/H:ADC1:1Number 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 Package-Mounting Type-	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 Package-Mounting Type-	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)Mounting Type-	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)Mounting Type-	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)Mounting Type-	Architecture	Pipelined
Voltage - Supply, Digital2.85 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	2.85 V ~ 3.4 V
Operating Temperature0°C ~ 70°CPackage / Case32-WFQFN Exposed PadSupplier Device Package32-QFN (5x5)Mounting Type-	Voltage - Supply, Digital	2.85 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	$0^{\circ}\mathrm{C} \sim 70^{\circ}\mathrm{C}$
Mounting Type -	Package / Case	32-WFQFN Exposed Pad
	Supplier Device Package	32-QFN (5x5)
Report errors?	Mounting Type	-
		Report errors?

LTC2255CUH#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

LTC2255CUH#TRPBF Payment Methods



LTC2255CUH#TRPBF Shipping Methods



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