

LTC2290CUP#TRPBF

LTC2290CUP#TRPBF Information

www.tersener.com	Manufacturer Category	LTC2290CUP#TRPBF Linear Technology Integrated Circuits (ICs) Data Acquisition - Analog to Digital Converters (ADC)	
	Description Package	IC ADC DUAL 12BIT 10MSPS 64QFN 64-WFQFN Exposed Pad	
For Reference Only	Tuchuge	For the pricing/inventory/lead time, please contact	(<u>-11956</u> ,374
		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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LTC2290CUP#TRPBF Specifications

CategoryIntegrated Circuits (ICs) Data Acquisition - Analog to Digital Converters (ADC)Package64-WFQFN Exposed PadSeries-Number of Bits12Sampling Rate (Per Second)10MNumber of Inputs2Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters2ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, DigitalSimultaneous SamplingOperating Temperature0°C ~ 70°C		
CategoryIntegrated Circuis (ICs)Data Acquisition - Analog to Digital Converters (ADC)Package64-WFQFN Exposed PadSeries-Number of Bits12Sampling Rate (Per Second)10MNumber of Inputs2Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters2ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital0°C ~ 70°CPackage / Case64-WFQFN Exposed PadSupplier Device Package64-QFN (9x9)Mounting Type-	Manufacturer Part Number	LTC2290CUP#TRPBF
Data Acquisition - Analog to Digital Converters (ADC)Package64-WFQFN Exposed PadSeries-Number of Bits12Sampling Rate (Per Second)10MNumber of Inputs2Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters2ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital2.7 V ~ 3.4 VFeaturesSimultaneous SamplingOperating Temperature0°C ~ 70°CPackage / Case64-WFQFN Exposed PadSupplier Device Package64-QFN (9x9)Mounting Type-	Manufacturer	Linear Technology
Package64-WFQFN Exposed PadSeries-Number of Bits12Sampling Rate (Per Second)10MNumber of Inputs2Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters2ArchitecturePipelinedVoltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital2.7 V ~ 3.4 VFeaturesSimultaneous SamplingOperating Temperature0°C ~ 70°CPackage / Case64-WFQFN Exposed PadSupplier Device Package64-QFN (9x9)Mounting Type-	Category	Integrated Circuits (ICs)
Series-Number of Bits12Sampling Rate (Per Second)10MNumber of Inputs2Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters2ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Digital2.7 V ~ 3.4 VVoltage - Supply, Digital2.7 V ~ 3.4 VPeaturesSimultaneous SamplingOperating Temperature0°C ~ 70°CPackage / Case64-QFN (9x9)Mounting Type-		Data Acquisition - Analog to Digital Converters (ADC)
Number of Bits12Sampling Rate (Per Second)10MNumber of Inputs2Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters2ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Digital2.7 V ~ 3.4 VYoltage - Supply, Digital0°C ~ 70°CPeakage / Case64-WFQFN Exposed PadSupplier Device Package64-QFN (9x9)Mounting Type-	Package	64-WFQFN Exposed Pad
Sampling Rate (Per Second)10MNumber of Inputs2Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters2ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Digital2.7 V ~ 3.4 VYoltage - Supply, DigitalO°C ~ 70°CPackage / Case64-WFQFN Exposed PadSupplier Device Package64-QFN (sys)Mounting Type-	Series	-
Number of Inputs2Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters2ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Digital2.7 V ~ 3.4 VVoltage - Supply, Digital2.7 V ~ 3.4 VFeaturesSimultaneous SamplingOperating Temperature0°C ~ 70°CPackage / Case64-WFQFN Exposed PadSupplier Device Package64-QFN (9x9)Mounting Type-	Number of Bits	12
Input TypeDifferential, Single EndedInput TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters2ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, DigitalSimultaneous SamplingOperating Temperature0°C ~ 70°CPackage / Case64-WFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Sampling Rate (Per Second)	10M
Data InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters2ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital2.7 V ~ 3.4 VFeaturesSimultaneous SamplingOperating Temperature0°C ~ 70°CPackage / Case64-QFN (9x9)Mounting Type-	Number of Inputs	2
ConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters2ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital2.7 V ~ 3.4 VFeaturesSimultaneous SamplingOperating Temperature0°C ~ 70°CPackage / Case64-WFQFN Exposed PadMounting Type-	Input Type	Differential, Single Ended
Ratio - S/H:ADC1:1Number of A/D Converters2ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital2.7 V ~ 3.4 VFeaturesSimultaneous SamplingOperating Temperature0°C ~ 70°CPackage / Case64-WFQFN Exposed PadSupplier Device Package64-QFN (9x9)Hounting Type-	Data Interface	Parallel
Number of A/D Converters2ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital2.7 V ~ 3.4 VFeaturesSimultaneous SamplingOperating Temperature0°C ~ 70°CPackage / Case64-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 VFeaturesSimultaneous SamplingOperating Temperature0°C ~ 70°CPackage / Case64-WFQFN Exposed PadSupplier Device Package64-QFN (9x9)Mounting Type-	Ratio - S/H:ADC	1:1
Reference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital2.7 V ~ 3.4 VFeaturesSimultaneous SamplingOperating Temperature0°C ~ 70°CPackage / Case64-WFQFN Exposed PadSupplier Device Package64-QFN (9x9)Mounting Type-	Number of A/D Converters	2
Voltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital2.7 V ~ 3.4 VFeaturesSimultaneous SamplingOperating Temperature0°C ~ 70°CPackage / Case64-WFQFN Exposed PadSupplier Device Package64-QFN (9x9)Mounting Type-	Architecture	Pipelined
Voltage - Supply, Digital2.7 V ~ 3.4 VFeaturesSimultaneous SamplingOperating Temperature0°C ~ 70°CPackage / Case64-WFQFN Exposed PadSupplier Device Package64-QFN (9x9)Mounting Type-	Reference Type	External, Internal
FeaturesSimultaneous SamplingOperating Temperature0°C ~ 70°CPackage / Case64-WFQFN Exposed PadSupplier Device Package64-QFN (9x9)Mounting Type-	Voltage - Supply, Analog	2.7 V ~ 3.4 V
Operating Temperature0°C ~ 70°CPackage / Case64-WFQFN Exposed PadSupplier Device Package64-QFN (9x9)Mounting Type-	Voltage - Supply, Digital	2.7 V ~ 3.4 V
Package / Case64-WFQFN Exposed PadSupplier Device Package64-QFN (9x9)Mounting Type-	Features	Simultaneous Sampling
Supplier Device Package64-QFN (9x9)Mounting Type-	Operating Temperature	$0^{\circ}\mathrm{C} \sim 70^{\circ}\mathrm{C}$
Mounting Type -	Package / Case	64-WFQFN Exposed Pad
	Supplier Device Package	64-QFN (9x9)
Report errors?	Mounting Type	-
		Report errors?

LTC2290CUP#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.

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