

LTC2220IUP-1#TRPBF

LTC2220IUP-1#TRPBF Information

www.consener.com	Manufacturer Category	LTC2220IUP-1#TRPBF Linear Technology Integrated Circuits (ICs) Data Acquisition - Analog to Digital Converters (ADC)	
The second s	Description	IC ADC 12BIT 185MSPS 64-QFN	
1000	Package	64-WFQFN Exposed Pad	
Ear Dafarrana Orda		For the pricing/inventory/lead time, please contact us	
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote
		E-man. salesuept@heisenel.com	

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.



LTC2220IUP-1#TRPBF Specifications

Manufacturer Part NumberLTC2220IUP-1#TRPBFManufacturerLinear TechnologyCategoryIntegrated Circuits (ICs)Data Acquisition - Analog to Digital Converters (ADC)Package64-WFQFN Exposed PadSeries-Number of Bits12Sampling Rate (Per Second)185MNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceLVDS - Parallel, ParallelConfigurationS/H-ADCNumber of A/D Converters1ArchitecturePipelinedVoltage - Suppl, Analog3.1 V ~ 3.5 VVoltage - Suppl, Digital3.1 V ~ 3.5 VPearing Temperature-Querting Temperature-Querting Temperature64-WFQFN Exposed PadSupplier Device Package64-WFQFN Exposed PadSupplier Device Package64-WFQFN Exposed Pad		
CategoryIntegrated Circuits (ICs)Data Acquisition - Analog to Digital Converters (ADC)Package64-WFQFN Exposed PadSeries-Number of Bits12Sampling Rate (Per Second)185MNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceLVDS - Parallel, ParallelConfigurationS/H-ADCNumber of A/D Converters1ArchitecturePipelinedReference TypeSitternal, InternalVoltage - Supply, Analog3.1 V ~ 3.5 VVoltage - Supply, Digital-Features-Operating Temperature-Ackage / Case64-WFQFN Exposed PadSupplier Device Package64-QFN (sys)	Manufacturer Part Number	LTC2220IUP-1#TRPBF
Index definition - Analog to Digital Converters (ADC)Package64-WFQFN Exposed PadSeries-Number of Bits12Sampling Rate (Per Second)185MNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceLVDS - Parallel, ParallelConfigurationS/H-ADCNumber of A/D Converters1ArchitecturePipelinedVoltage - Supply, Analog3.1 V ~ 3.5 VVoltage - Supply, Digital-Features-Operating Temperature-Package / Case64-WFQFN Exposed PadSuppler Device Package64-QFN (9x9)	Manufacturer	Linear Technology
Package64-WFQFN Exposed PadSeries-Number of Bits12Sampling Rate (Per Second)185MNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceLVDS - Parallel, ParallelConfigurationS/H-ADCRatio - S/H:ADC1Number of A/D Converters1Reference TypeExternal, InternalVoltage - Supply, Analog3.1 V ~ 3.5 VVoltage - Supply, Digital-Operating Temperature-Operating Temperature40°C ~ 85°CPackage / Case64-QFN (9x9)	Category	Integrated Circuits (ICs)
Series-Number of Bits12Sampling Rate (Per Second)185MNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceLVDS - Parallel, ParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Digital3.1 V ~ 3.5 VFeatures-Operating Temperature40°C ~ 85°CPackage / Case64-UFN (9x9)		Data Acquisition - Analog to Digital Converters (ADC)
Number of Bits12Sampling Rate (Per Second)185MNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceLVDS - Parallel, ParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog3.1 V ~ 3.5 VYoltage - Supply, Digital-Operating Temperature-Ackage / Case64-WFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Package	64-WFQFN Exposed Pad
Sampling Rate (Per Second)185MNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceLVDS - Parallel, ParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog3.1 V ~ 3.5 VVoltage - Supply, Digital-Operating Temperature-40°C ~ 85°CPackage / Case64-WFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Series	-
Number of Inputs1Input TypeDifferential, Single EndedData InterfaceLVDS - Parallel, ParallelConfigurationS/H-ADCRatio - S/H:ADC1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog3.1 V ~ 3.5 VVoltage - Supply, Digital-Operating Temperature-Operating Temperature64/WFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Number of Bits	12
Input TypeDifferential, Single EndedInput TypeLVDS - Parallel, ParallelData InterfaceS/H-ADCConfigurationS/H-ADCRatio - S/H:ADC1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog3.1 V ~ 3.5 VVoltage - Supply, Digital-Features-Operating Temperature40°C ~ 85°CPackage / Case64-WFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Sampling Rate (Per Second)	185M
Data InterfaceLVDS - Parallel, ParallelData InterfaceKVDS - Parallel, ParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog3.1 V ~ 3.5 VVoltage - Supply, Digital-Features-Operating Temperature-40°C ~ 85°CPackage / Case64-WFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Number of Inputs	1
ConfigurationS/H-ADCRatio - S/H:ADC1.1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog3.1 V ~ 3.5 VVoltage - Supply, Digital3.1 V ~ 3.5 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case64-WFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Input Type	Differential, Single Ended
Ratio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedArchitectureExternal, InternalReference Type3.1 V ~ 3.5 VVoltage - Supply, Digital3.1 V ~ 3.5 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case64-WFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Data Interface	LVDS - Parallel, Parallel
Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog3.1 V ~ 3.5 VVoltage - Supply, Digital3.1 V ~ 3.5 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case64-WFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Configuration	S/H-ADC
ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog3.1 V ~ 3.5 VVoltage - Supply, Digital3.1 V ~ 3.5 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case64-WFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Ratio - S/H:ADC	1:1
Reference TypeExternal, InternalVoltage - Supply, Analog3.1 V ~ 3.5 VVoltage - Supply, Digital3.1 V ~ 3.5 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case64-WFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Number of A/D Converters	1
Voltage - Supply, Analog3.1 V ~ 3.5 VVoltage - Supply, Digital3.1 V ~ 3.5 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case64-WFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Architecture	Pipelined
Voltage - Supply, Digital3.1 V ~ 3.5 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case64-WFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Reference Type	External, Internal
Features-Operating Temperature-40°C ~ 85°CPackage / Case64-WFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Voltage - Supply, Analog	3.1 V ~ 3.5 V
Operating Temperature-40°C ~ 85°CPackage / Case64-WFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Voltage - Supply, Digital	3.1 V ~ 3.5 V
Package / Case64-WFQFN Exposed PadSupplier Device Package64-QFN (9x9)	Features	-
Supplier Device Package 64-QFN (9x9)	Operating Temperature	-40°C ~ 85°C
	Package / Case	64-WFQFN Exposed Pad
Mounting Type	Supplier Device Package	64-QFN (9x9)
Mounting Type	Mounting Type	-
Report errors?		Report errors?

LTC2220IUP-1#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 Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

LTC2220IUP-1#TRPBF Payment Methods





If you have any question about LTC2220IUP-1#TRPBF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com