

# LTC2246HLU#PBF

Quote

## LTC2246HLU#PBF Information

www.hersenen.com	Part Number	LTC2246HLU#PBF	
	Manufacturer	Linear Technology	
	Category	Integrated Circuits (ICs) Data Acquisition - Analog to Digital Converters (ADC)	
	Description	IC ADC 14BIT 25MSPS 32-TQFP	i seitti
	Package	32-TQFP	■ 352
For Reference Only		For the pricing/inventory/lead time, please contact us	
		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a G

# **Certified Quality**

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# LTC2246HLU#PBF Specifications

Manufacturer Linear Technology   Manufacturers Linear Technology   Category Integrated Circuits (ICs)   Data Acquisition - Analog to Digital Converters (ADC)   Package 32-TQFF   Series -   Number of Bits 14   Sampling Rate (Per Second) 25M   Number of Inputs 1   Input Type Differential, Single Ended   Data Interface Parallel   Configuration S/H-ADC   Number of A/D Converters 1   Architecture Pipelined   Reference Type External, Internal   Voltage - Supply, Analog 2.7 V ~ 3.4 V   Voltage - Supply, Digital -   Features -   Operating Temperature 40°C ~ 125°C   Package / Case 32-TQFP   Supplier Device Package 32-TQFP (5x5)			
CategoryIntegrated Circuit (Cs)Data Acquisition - Analog to Digital Converters (ADC)Package32-TQFPSeries-Number of Bits14Sampling Rate (Per Second)25MNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCNumber of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital-Peratures-Operating Temperature40°C ~ 125°CPackage / Case32-TQFP (5x5)Mounting Type-	Manufacturer Part Number	LTC2246HLU#PBF	
Data Acquisition - Analog to Digital Converters (ADC)Package32-TQFPSeries-Number of Bits14Sampling Rate (Per Second)25MNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital2.7 V ~ 3.4 VFeatures-Operating Temperature40°C ~ 125°CPackage / Case32-TQFP (5x5)Mounting Type-	Manufacturer	Linear Technology	
Package32-TQFPSeries-Number of Bits14Sampling Rate (Per Second)25MNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H: ADC1:1Number of A/D Converters1Reference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital-Features-Operating Temperature-40°C ~ 125°CPackage / Case32-TQFP (5x5)Mounting Type-	Category	Integrated Circuits (ICs)	
Series-Number of Bits14Sampling Rate (Per Second)25MNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1Reference TypeExternal, InternalVoltage - Supply, Digital2.7 V ~ 3.4 VVoltage - Supply, Digital-Operating Temperature-40°C ~ 125°CPackage / Case32-TQFP (5x5)Mounting Type-		Data Acquisition - Analog to Digital Converters (ADC)	
Number of Bits14Sampling Rate (Per Second)25MNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1.1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital-Peatures-Operating Temperature40°C ~ 125°CSupplier Device Package32-TQFP (5x5)Mounting Type-	Package	32-TQFP	
Sampling Rate (Per Second)25MNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital-Peatures-Package / Case32-TQFPSupplier Device Package-Mounting Type-	Series	-	
Number of Inputs1Number of InputsDifferential, Single EndedInput TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Digital2.7 V ~ 3.4 VVoltage - Supply, Digital-Peatures-Operating Temperature-40°C ~ 125°CPackage / Case32-TQFPSupplier Device Package-Mounting Type-	Number of Bits	14	
Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital-Peatures-Operating Temperature-40°C ~ 125°CPackage / Case32-TQFP (5x5)Mounting Type-	Sampling Rate (Per Second)	25M	
Data InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital2.7 V ~ 3.4 VFeatures-Operating Temperature-40°C ~ 125°CPackage / Case32-TQFPSupplier Device Package-Mounting Type-	Number of Inputs	1	
ConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital2.7 V ~ 3.4 VPeatures-Operating Temperature-40°C ~ 125°CPackage / Case32-TQFPSupplier Device Package-Mounting Type-	Input Type	Differential, Single Ended	
Ratio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedArchitectureExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital2.7 V ~ 3.4 VFeatures-Operating Temperature-40°C ~ 125°CPackage / Case32-TQFPSupplier Device Package-Mounting Type-	Data Interface	Parallel	
Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital2.7 V ~ 3.4 VFeatures-Operating Temperature-40°C ~ 125°CPackage / Case32-TQFPSupplier Device Package-Mounting Type-	Configuration	S/H-ADC	
ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog $2.7  V \sim 3.4  V$ Voltage - Supply, Digital $2.7  V \sim 3.4  V$ Peatures $-$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Package / Case $32$ -TQFPSupplier Device Package $-$ Mounting Type $-$	Ratio - S/H:ADC	1:1	
Reference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital2.7 V ~ 3.4 VFeatures-Operating Temperature-40°C ~ 125°CPackage / Case32-TQFPSupplier Device Package32-TQFP (5x5)Mounting Type-	Number of A/D Converters	1	
Voltage - Supply, Analog2.7 V ~ 3.4 VVoltage - Supply, Digital2.7 V ~ 3.4 VFeatures-Operating Temperature-40°C ~ 125°CPackage / Case32-TQFPSupplier Device Package32-TQFP (5x5)Mounting Type-	Architecture	Pipelined	
Voltage - Supply, Digital2.7 V ~ 3.4 VFeatures-Operating Temperature-40°C ~ 125°CPackage / Case32-TQFPSupplier Device Package32-TQFP (5x5)Mounting Type-	Reference Type	External, Internal	
Features-Operating Temperature-40°C ~ 125°CPackage / Case32-TQFPSupplier Device Package32-TQFP (5x5)Mounting Type-	Voltage - Supply, Analog	2.7 V ~ 3.4 V	
Operating Temperature-40°C ~ 125°CPackage / Case32-TQFPSupplier Device Package32-TQFP (5x5)Mounting Type-	Voltage - Supply, Digital	2.7 V ~ 3.4 V	
Package / Case32-TQFPSupplier Device Package32-TQFP (5x5)Mounting Type-	Features	-	
Supplier Device Package32-TQFP (5x5)Mounting Type-	Operating Temperature	-40°C ~ 125°C	
Mounting Type -	Package / Case	32-TQFP	
	Supplier Device Package	32-TQFP (5x5)	
Report errors?	Mounting Type	-	
		Report errors?	

#### LTC2246HLU#PBF 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.

## LTC2246HLU#PBF Payment Methods



# LTC2246HLU#PBF Shipping Methods



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