

# LTC2206IUK-14#PBF

#### LTC2206IUK-14#PBF Information

	Data Acquisition - Analog to Digital Converters (ADC)	
For Reference Only	For the pricing/inventory/lead time, please contact us	
	Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

### **Certified Quality**

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## LTC2206IUK-14#PBF Specifications

Manufacturer Part NumberLTC2206IUK-14#PBFManufacturerLinear TechnologyCategoryIntegrated Circuits (ICs)Data Acquisition - Analog to Digital Converters (ADC)Package48-WFQFN Exposed PadSeries-Number of Bits14Sampling Rate (Per Second)80MNumber of Inputs1Input TypeDifferentialData InterfaceParallelConfigurationS/H-ADCNumber of A/D Converters1Number of A/D Converters1ArchitecturePielinedReference TypeExternal, InternalVoltage - Supply, Digital3.135 V ~ 3.465 V		
CategoryIntegrated Circuits (ICs)Data Acquisition - Analog to Digital Converters (ADC)Package48-WFQFN Exposed PadSeries-Number of Bits14Sampling Rate (Per Second)80MNumber of Inputs1Input TypeDifferentialData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1Number of A/D Converters1ArchitecturePipelinedReference TypeSitts V ~ 3.465 VVoltage - Supply, Digital3.135 V ~ 3.465 V	Manufacturer Part Number	LTC2206IUK-14#PBF
NateData Acquisition - Analog to Digital Converters (ADC)Package48-WFQFN Exposed PadSeries-Number of Bits14Sampling Rate (Per Second)80MNumber of Inputs1Input TypeDifferentialData InterfaceParallelConfigurationS/H-ADCRatio - S/H: ADC1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog3.135 V ~ 3.465 V	Manufacturer	Linear Technology
Package48-WFQFN Exposed PadSeries-Number of Bits14Sampling Rate (Per Second)80MNumber of Inputs1Input TypeDifferentialData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1Number of A/D Converters1ArchitecturePipelinedReference TypeS.135 V ~ 3.465 VVoltage - Supply, Digital3.135 V ~ 3.465 V	Category	Integrated Circuits (ICs)
Series-Number of Bits14Sampling Rate (Per Second)80MNumber of Inputs1Input TypeDifferentialData InterfaceParallelConfigurationS/H-ADCRatio - S/H: ADC1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog3.135 V ~ 3.465 V		Data Acquisition - Analog to Digital Converters (ADC)
Number of Bits14Sampling Rate (Per Second)80MNumber of Inputs1Input TypeDifferentialData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1Reference TypeExternal, InternalVoltage - Supply, Analog3.135 V ~ 3.465 V	Package	48-WFQFN Exposed Pad
Sampling Rate (Per Second)80MNumber of Inputs1Input TypeDifferentialData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog3.135 V ~ 3.465 VVoltage - Supply, Digital3.135 V ~ 3.465 V	Series	-
Number of Inputs1Input TypeDifferentialData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog3.135 V ~ 3.465 VVoltage - Supply, Digital3.135 V ~ 3.465 V	Number of Bits	14
Input TypeDifferentialData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog3.135 V ~ 3.465 VVoltage - Supply, Digital3.135 V ~ 3.465 V	Sampling Rate (Per Second)	80M
Data InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog3.135 V ~ 3.465 VVoltage - Supply, Digital3.135 V ~ 3.465 V	Number of Inputs	1
ConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog3.135 V ~ 3.465 VVoltage - Supply, Digital3.135 V ~ 3.465 V	Input Type	Differential
Ratio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog3.135 V ~ 3.465 VVoltage - Supply, Digital3.135 V ~ 3.465 V	Data Interface	Parallel
Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog3.135 V ~ 3.465 VVoltage - Supply, Digital3.135 V ~ 3.465 V	Configuration	S/H-ADC
ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog3.135 V ~ 3.465 VVoltage - Supply, Digital3.135 V ~ 3.465 V	Ratio - S/H:ADC	1:1
Reference TypeExternal, InternalVoltage - Supply, Analog $3.135$ V ~ $3.465$ VVoltage - Supply, Digital $3.135$ V ~ $3.465$ V	Number of A/D Converters	1
Voltage - Supply, Analog $3.135 V \sim 3.465 V$ Voltage - Supply, Digital $3.135 V \sim 3.465 V$	Architecture	Pipelined
Voltage - Supply, Digital3.135 V ~ 3.465 V	Reference Type	External, Internal
	Voltage - Supply, Analog	3.135 V ~ 3.465 V
	Voltage - Supply, Digital	3.135 V ~ 3.465 V
Features PGA	Features	PGA
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Operating Temperature	$-40^{\circ}\mathrm{C} \sim 85^{\circ}\mathrm{C}$
Package / Case 48-WFQFN Exposed Pad	Package / Case	48-WFQFN Exposed Pad
Supplier Device Package48-QFN (7x7)	Supplier Device Package	48-QFN (7x7)
Mounting Type -	Mounting Type	-
Report errors <sup>6</sup>		Report errors?

#### LTC2206IUK-14#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.

#### LTC2206IUK-14#PBF Payment Methods



If you have any question about LTC2206IUK-14#PBF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com