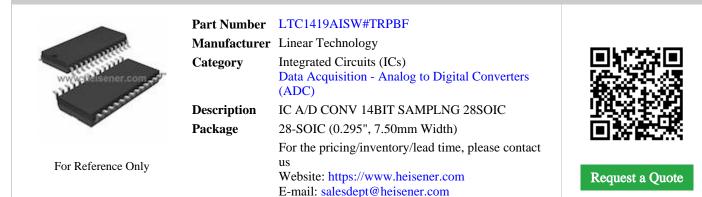


# LTC1419AISW#TRPBF

### LTC1419AISW#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.



## LTC1419AISW#TRPBF Specifications

Manufacturer Part Number LTC1419AISW#TRPBF   Manufacturer Linear Technology   Ategrated Circuits (ICs) Data Acquisition - Analog to Digital Converters (ADC)   Package 28-SOIC (0.295", 7.50mm Width)   Series -   Number of Bits 14   Sampling Rate (Per Second) 800k   Number of Inputs 1   Input Type Differential, Single Ended   Data Interface Parallel   Configuration S/H-ADC   Number of A/D Converters 1   Number of A/D Converters 1   Architecture SAR   Reference Type External, Internal   Voltage - Supply, Digital 5V   Voltage - Supply, Digital 5V   Features -   Operating Temperature 40°C ~ 85°C   Package / Case 28-SOIC (0.295", 7.50mm Width)   Supplier Device Package 28-SOIC (0.295", 7.50mm Width)		
CategoryIntegrated Circuis (ICs)Data Acquisition - Analog to Digital Converters (ADC)Package28-SOIC (0.295", 7.50mm Width)Series-Number of Bits14Sampling Rate (Per Second)800kNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1Number of A/D Converters1ArchitectureSARReference TypeExternal, InternalVoltage - Supply, Analog±5VVoltage - Supply, Digital5VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting TypeSupplier Device Package28-SOICMounting Type-	Manufacturer Part Number	LTC1419AISW#TRPBF
Index Acquisition - Analog to Digital Converters (ADC)Package28-SOIC (0.295", 7.50mm Width)Series-Number of Bits14Sampling Rate (Per Second)800kNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H: ADC1Number of A/D Converters1ArchitectureSARReference TypeExternal InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VFeatures-Operating Temperature-Architecture-Operating Temperature-Operating Temperature-Operating Temperature-Operating Temperature28-SOIC (0.295", 7.50mm Width)Supplier Device Package-Mounting Type-	Manufacturer	Linear Technology
Package28-SOIC (0.295", 7.50mm Width)Series-Number of Bits14Sampling Rate (Per Second)800kNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1Number of A/D Converters1Reference TypeExternal, InternalVoltage - Supply, Analog+5VVoltage - Supply, Digital5VFeatures-Operating Temperature40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package-Mounting Type-	Category	Integrated Circuits (ICs)
Series-Number of Bits14Sampling Rate (Per Second)800kNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1.1Number of A/D Converters1Reference TypeExternal, InternalVoltage - Supply, Digital5/VFeatures-Operating Temperature40°C ~ 85°CPackage / Case88-SOIC (0.295", 7.50mm Width)Supplier Device Package-Mounting Type-		Data Acquisition - Analog to Digital Converters (ADC)
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Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1.1Number of A/D Converters1ArchitectureSARReference TypeExternal, InternalVoltage - Supply, Analog5VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package-Mounting Type-	Sampling Rate (Per Second)	800k
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Ratio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARArchitectureExternal, InternalVoltage - Supply, Analog±5VVoltage - Supply, Digital5VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package-Mounting Type-	Data Interface	Parallel
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ArchitectureSARReference TypeExternal, InternalVoltage - Supply, Analog $\pm 5V$ Voltage - Supply, Digital5VFeatures-Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package-Mounting Type-	Ratio - S/H:ADC	1:1
Reference TypeExternal, InternalVoltage - Supply, Analog±5VVoltage - Supply, Digital5VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting Type-	Number of A/D Converters	1
Voltage - Supply, Analog±5VVoltage - Supply, Digital5VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting Type-	Architecture	SAR
Voltage - Supply, Digital5VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting Type-	Reference Type	External, Internal
Features-Operating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting Type-	Voltage - Supply, Analog	±5V
Operating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting Type-	Voltage - Supply, Digital	5V
Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting Type-	Features	-
Supplier Device Package28-SOICMounting Type-	Operating Temperature	-40°C ~ 85°C
Mounting Type -	Package / Case	28-SOIC (0.295", 7.50mm Width)
	Supplier Device Package	28-SOIC
Report errors?	Mounting Type	-
Report errors.		Report errors?

#### LTC1419AISW#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.

DISCOVER

#### LTC1419AISW#TRPBF Payment Methods



# LTC1419AISW#TRPBF Shipping Methods



If you have any question about LTC1419AISW#TRPBF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com