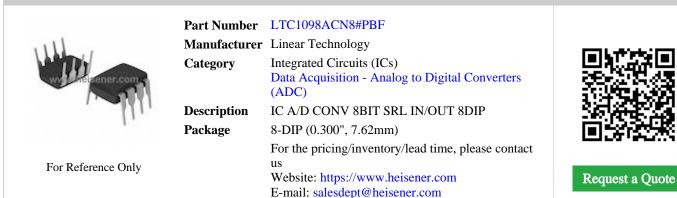


LTC1098ACN8#PBF

LTC1098ACN8#PBF 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.



LTC1098ACN8#PBF Specifications

Manufacturer Linear Technology Category Integrated Circuits (ICs) Data Acquisition - Analog to Digital Converters (ADC) Package 8-DIP (0.300", 7.62mm) Series microPOWER? Number of Bits 8 Sampling Rate (Per Second) 33k Number of Inputs 1,2 Input Type Differential, Single Ended Data Interface SPI Configuration S/H-ADC Ratio - S/H: ADC 1:1 Number of A/D Converters 1 Architecture SAR Reference Type External Voltage - Supply, Analog 3 V ~ 6 V Voltage - Supply, Digital 3 V ~ 6 V Features - Operating Temperature 0°C ~ 70°C Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-DIP Mounting Type -		
CategoryIntegrated Circuits (ICs)Data Acquisition - Analog to Digital Converters (ADC)Package8-DIP (0.300", 7.62mm)SeriesmicroPOWER?Number of Bits8Sampling Rate (Per Second)33kNumber of Inputs1, 2Input TypeDifferential, Single EndedData InterfaceSPIConfigurationS/H-ADCRatio - S/H:ADC1.1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog3 V ~ 6 VVoltage - Supply, Digital3 V ~ 6 VFeatures-Operating Temperature0°C ~ 70°CPackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIPMounting Type-	Manufacturer Part Number	LTC1098ACN8#PBF
Data Acquisition - Analog to Digital Converters (ADC)Package8-DIP (0.300", 7.62mm)SeriesmicroPOWER?Number of Bits8Sampling Rate (Per Second)33kNumber of Inputs1, 2Input TypeDifferential, Single EndedData InterfaceSPIConfigurationS/H-ADCRatio - S/H: ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog3 V ~ 6 VVoltage - Supply, Digital3 V ~ 6 VFeatures-Operating Temperature0°C ~ 70°CPackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIP (0.300", 7.62mm)Mounting Type-	Manufacturer	Linear Technology
Package8-DIP (0.300", 7.62mm)SeriesmicroPOWER?Number of Bits8Sampling Rate (Per Second)33kNumber of Inputs1, 2Input TypeDifferential, Single EndedData InterfaceSPIConfigurationS/H-ADCRatio - S/H: ADC1:1Number of A/D Converters1Reference TypeExternalVoltage - Supply, Analog3 V ~ 6 VVoltage - Supply, Digital3 V ~ 6 VFeatures-Operating Temperature0°C ~ 70°CPackage / Case8-DIP (0.300", 7.62mm)Mounting Type-	Category	Integrated Circuits (ICs)
SeriesmicroPOWER?Number of Bits8Sampling Rate (Per Second)33kNumber of Inputs1, 2Input TypeDifferential, Single EndedData InterfaceSPIConfigurationS/H-ADCRatio - S/H: ADC1.1Number of A/D Converters1Reference TypeExternalVoltage - Supply, Analog3 V ~ 6 VVoltage - Supply, Digital3 V ~ 6 VPeatures-Operating Temperature0°C ~ 70°CPackage / Case8-DIP (0.300", 7.62mm)Munting Type-		Data Acquisition - Analog to Digital Converters (ADC)
Number of Bits8Sampling Rate (Per Second)33kNumber of Inputs1, 2Input TypeDifferential, Single EndedData InterfaceSPIConfigurationS/H-ADCRatio - S/H:ADC1.1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog3 V ~ 6 VVoltage - Supply, Digital3 V ~ 6 VPeatures-Operating Temperature0°C ~ 70°CPackage / Case8-PDIPMounting Type-	Package	8-DIP (0.300", 7.62mm)
Sampling Rate (Per Second)33kNumber of Inputs1, 2Input TypeDifferential, Single EndedData InterfaceSPIConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog3 V ~ 6 VVoltage - Supply, Digital3 V ~ 6 VFeatures-Operating Temperature%-DIP (0.300", 7.62mm)Supplier Device Package8-PDIPMounting Type-	Series	microPOWER?
Number of Inputs1, 2Input TypeDifferential, Single EndedData InterfaceSPIConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog3 V ~ 6 VVoltage - Supply, Digital3 V ~ 6 VFeatures-Operating Temperature0°C ~ 70°CPackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package-Mounting Type-	Number of Bits	8
Input TypeDifferential, Single EndedInput TypeDifferential, Single EndedData InterfaceSPIConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog3 V ~ 6 VVoltage - Supply, Digital3 V ~ 6 VFeatures-Operating Temperature0°C ~ 70°CPackage / Case8-DIP (0.300", 7.62mm)Mounting Type-	Sampling Rate (Per Second)	33k
Data InterfaceSPIData InterfaceSPIConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog3 V ~ 6 VVoltage - Supply, Digital3 V ~ 6 VFeatures-Operating Temperature0°C ~ 70°CPackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package-Mounting Type-	Number of Inputs	1, 2
ConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog3 V ~ 6 VVoltage - Supply, Digital3 V ~ 6 VFeatures-Operating Temperature0°C ~ 70°CPackage / Case8-DIP (0.300", 7.62mm)Mounting Type-	Input Type	Differential, Single Ended
Ratio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARArchitectureExternalVoltage - Supply, Analog3 V ~ 6 VVoltage - Supply, Digital3 V ~ 6 VFeatures-Operating Temperature0°C ~ 70°CPackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package-Mounting Type-	Data Interface	SPI
Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog3 V ~ 6 VVoltage - Supply, Digital3 V ~ 6 VFeatures-Operating Temperature0°C ~ 70°CPackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package-Mounting Type-	Configuration	S/H-ADC
ArchitectureSARReference TypeExternalVoltage - Supply, Analog3 V ~ 6 VVoltage - Supply, Digital3 V ~ 6 VFeatures-Operating Temperature0°C ~ 70°CPackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package-Mounting Type-	Ratio - S/H:ADC	1:1
Reference TypeExternalVoltage - Supply, Analog3 V ~ 6 VVoltage - Supply, Digital3 V ~ 6 VFeatures-Operating Temperature0°C ~ 70°CPackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIPMounting Type-	Number of A/D Converters	1
Voltage - Supply, Analog3 V ~ 6 VVoltage - Supply, Digital3 V ~ 6 VFeatures-Operating Temperature0°C ~ 70°CPackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIPMounting Type-	Architecture	SAR
Voltage - Supply, Digital3 V ~ 6 VFeatures-Operating Temperature0°C ~ 70°CPackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIPMounting Type-	Reference Type	External
Features-Operating Temperature0°C ~ 70°CPackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIPMounting Type-	Voltage - Supply, Analog	3 V ~ 6 V
Operating Temperature0°C ~ 70°CPackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIPMounting Type-	Voltage - Supply, Digital	3 V ~ 6 V
Package / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-PDIPMounting Type-	Features	-
Supplier Device Package8-PDIPMounting Type-	Operating Temperature	$0^{\circ}\mathrm{C} \sim 70^{\circ}\mathrm{C}$
Mounting Type -	Package / Case	8-DIP (0.300", 7.62mm)
	Supplier Device Package	8-PDIP
Report errors?	Mounting Type	-
		Report errors?

LTC1098ACN8#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.

LTC1098ACN8#PBF Payment Methods





If you have any question about LTC1098ACN8#PBF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com