

LTC2159CUK#PBF

LTC2159CUK#PBF Information

WWWWWWWWWWW		LTC2159CUK#PBF Linear Technology Integrated Circuits (ICs) Data Acquisition - Analog to Digital Converters (ADC) IC ADC 16BIT PAR/SRL 20M 48-QFN 48-WFQFN Exposed Pad	
For Reference	ence Only	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com	Request a Quote
		E-mail: salesdept@heisener.com	Request a Quote

Certified Quality

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LTC2159CUK#PBF Specifications

Voltage - Supply, Analog1.7 V ~ 1.9 VVoltage - Supply, Digital1.7 V ~ 1.9 VFeatures-Operating Temperature0°C ~ 70°CPackage / Case48-WFQFN Exposed PadSupplier Device Package48-QFN (7x7)Mounting Type-		
CategoryIntegrated Circuits (ICs)Data Acquisition - Analog to Digital Converters (ADC)Package48-WFQFN Exposed PadSeries-Number of Bits16Sampling Rate (Per Second)20MNumber of Inputs1Input TypeDifferentialData InterfaceLVDS - Parallel, ParallelConfigurationS/H-ADCRatio - S/H:ADC1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog1.7 \neq 1.9 \neq 1.9 \neq 1.1Voltage - Supply, Digital0°C ~ 70°CPackage / Case48-WFQFN Exposed PadSupplier Device Package48-QFN (7x7)Mounting Type-	Manufacturer Part Number	LTC2159CUK#PBF
Data Acquisition - Analog to Digital Converters (ADC)Package48-WFQFN Exposed PadSeries-Number of Bits16Sampling Rate (Per Second)20MNumber of Inputs1Input TypeDifferentialData InterfaceLVDS - Parallel, ParallelConfigurationS/H-ADCRatio - S/H: ADC1.1Number of A/D Converters1ArchitecturePieplinedReference TypeExternal, InternalVoltage - Supply, Analog1.7 V ~ 1.9 VVoltage - Supply, Digital-Features-Operating Temperature0°C ~ 70°CPackage / Case48-WFQFN Exposed PadSupplier Device Package48-QFN (7x7)Mounting Type-	Manufacturer	Linear Technology
Package48-WFQFN Exposed PadSeries-Number of Bits16Sampling Rate (Per Second)20MNumber of Inputs1Input TypeDifferentialData InterfaceLVDS - Parallel, ParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1Reference TypeExternal, InternalVoltage - Supply, Analog1.7 V ~ 1.9 VVoltage - Supply, Digital-Features-Operating Temperature0°C ~ 70°CPackage / Case48-WFQFN Exposed PadSupplier Device Package48-QFN (7x7)Mounting Type-	Category	Integrated Circuits (ICs)
Series-Number of Bits16Sampling Rate (Per Second)20MNumber of Inputs1Input TypeDifferentialData InterfaceLVDS - Parallel, ParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Digital1.7 V ~ 1.9 VVoltage - Supply, Digital0°C ~ 70°CPackage / Case48-QFN (Tx7)Mounting Type-		Data Acquisition - Analog to Digital Converters (ADC)
Number of Bits16Sampling Rate (Per Second)20MNumber of Inputs1Input TypeDifferentialData InterfaceLVDS - Parallel, ParallelConfigurationS/H-ADCRatio - S/H:ADC1.1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Digital1.7 V ~ 1.9 VVoltage - Supply, Digital0°C ~ 70°CPackage / Case48-WFQFN Exposed PadSupplier Device Package48-QFN (Tx7)Mounting Type-	Package	48-WFQFN Exposed Pad
Sampling Rate (Per Second)20MNumber of Inputs1Input TypeDifferentialData InterfaceLVDS - Parallel, ParallelConfigurationS/H-ADCRatio - S/H:ADC1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal. InternalVoltage - Supply, Analog.7 V ~ 1.9 VYoltage - Supply, Digital.9Pactareg.9Pactarege.9Suppler Deretarege48-WFQFN Exposed PadSuppler Device Package.8Mounting Type.9	Series	-
Number of Inputs1Number of InputsDifferentialInput TypeDifferentialData InterfaceLVDS - Parallel, ParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Digital1.7 V ~ 1.9 VYoltage - Supply, Digital0°C ~ 70°CPackage / Case48-WFQFN Exposed PadSupplier Device Package-Mounting Type-	Number of Bits	16
Input TypeDifferentialData InterfaceLVDS - Parallel, ParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog1.7 V ~ 1.9 VYoltage - Supply, Digital-Peatures-Operating Temperature0°C ~ 70°CPackage / Case48-WFQFN Exposed PadSupplier Device Package-Mounting Type-	Sampling Rate (Per Second)	20M
PrimePrimeData InterfaceLVDS - Parallel, ParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog1.7 V ~ 1.9 VVoltage - Supply, Digital1.7 V ~ 1.9 VFeatures-Operating Temperature0°C ~ 70°CPackage / Case48-WFQFN Exposed PadSupplier Device Package48-QFN (7x7)Mounting Type-	Number of Inputs	1
ConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog1.7 V ~ 1.9 VVoltage - Supply, Digital1.7 V ~ 1.9 VPeatures-Operating Temperature0°C ~ 70°CPackage / Case48-WFQFN Exposed PadSupplier Device Package-Mounting Type-	Input Type	Differential
Ratio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedArchitectureExternal, InternalKeference Type1.7 V ~ 1.9 VVoltage - Supply, Analog1.7 V ~ 1.9 VYoltage - Supply, Digital-Features-Operating Temperature0°C ~ 70°CPackage / Case48-WFQFN Exposed PadSupplier Device Package-Mounting Type-	Data Interface	LVDS - Parallel, Parallel
Number of A/D Converters1ArchitecturePipelinedArchitectureExternal, InternalReference Type1.7 V ~ 1.9 VVoltage - Supply, Analog1.7 V ~ 1.9 VVoltage - Supply, Digital1.7 V ~ 1.9 VFeatures-Operating Temperature0°C ~ 70°CPackage / Case48-WFQFN Exposed PadSupplier Device Package-Mounting Type-	Configuration	S/H-ADC
ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog1.7 V ~ 1.9 VVoltage - Supply, Digital1.7 V ~ 1.9 VFeatures-Operating Temperature0°C ~ 70°CPackage / Case48-WFQFN Exposed PadSupplier Device Package48-QFN (7x7)Mounting Type-	Ratio - S/H:ADC	1:1
Reference TypeExternal, InternalVoltage - Supply, Analog1.7 V ~ 1.9 VVoltage - Supply, Digital1.7 V ~ 1.9 VFeatures-Operating Temperature0°C ~ 70°CPackage / Case48-WFQFN Exposed PadSupplier Device Package48-QFN (7x7)Mounting Type-	Number of A/D Converters	1
Voltage - Supply, Analog1.7 V ~ 1.9 VVoltage - Supply, Digital1.7 V ~ 1.9 VFeatures-Operating Temperature0°C ~ 70°CPackage / Case48-WFQFN Exposed PadSupplier Device Package48-QFN (7x7)Mounting Type-	Architecture	Pipelined
Voltage - Supply, Digital1.7 V ~ 1.9 VFeatures-Operating Temperature0°C ~ 70°CPackage / Case48-WFQFN Exposed PadSupplier Device Package48-QFN (7x7)Mounting Type-	Reference Type	External, Internal
Features-Operating Temperature0°C ~ 70°CPackage / Case48-WFQFN Exposed PadSupplier Device Package48-QFN (7x7)Mounting Type-	Voltage - Supply, Analog	1.7 V ~ 1.9 V
Operating Temperature0°C ~ 70°CPackage / Case48-WFQFN Exposed PadSupplier Device Package48-QFN (7x7)Mounting Type-	Voltage - Supply, Digital	1.7 V ~ 1.9 V
Package / Case48-WFQFN Exposed PadSupplier Device Package48-QFN (7x7)Mounting Type-	Features	-
Supplier Device Package48-QFN (7x7)Mounting Type-	Operating Temperature	$0^{\circ}C \sim 70^{\circ}C$
Mounting Type -	Package / Case	48-WFQFN Exposed Pad
	Supplier Device Package	48-QFN (7x7)
Report errors?	Mounting Type	-
Report errors.		Report errors?

LTC2159CUK#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.

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