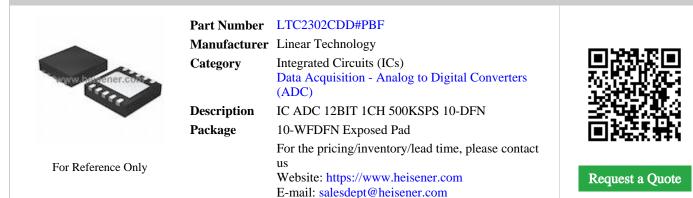


LTC2302CDD#PBF

LTC2302CDD#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.



LTC2302CDD#PBF Specifications

ManufacturerLinear TechnologyManufactureraLinear TechnologyData Acquisition - Analog to Digital Converters (ADC)Package10-WFDFN Exposed PadSeries-Number of Bits12Sampling Rate (Per Second)500kNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceSPIConfigurationMUX-S/H-ADCNumber of A/D Converters1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog5/VVoltage - Supply, Digital5/VFeatures-Operating Temperature0°C ~ 70°CPackage / Case10-DFN (3x3)		
CategoryIntegrated Circuits ICs)Data Acquisition - Analog to Digital Converters (ADC)Package10-WFDFN Exposed PadSeries-Number of Bits12Sampling Rate (Per Second)500kNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceSPIConfigurationMUX-S/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VFeatures-Operating Temperature0°C ~ 70°CPackage / Case10-DFN (3x3)Mounting Type-Supplier Device Package-Supplier Device Package-Supplie	Manufacturer Part Number	LTC2302CDD#PBF
Data Acquisition - Analog to Digital Converters (ADC)Package10-WFDEN Exposed PadSeries-Number of Bits12Sampling Rate (Per Second)500kNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceSPIConfigurationMUX-S/H-ADCRatio - S/H:ADC1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VFeatures-Operating Temperature0°C ~ 70°CPackage / Case10-DFN (3x3)Mounting Type-Supplier Device Package10-DFN (3x3)Mounting Type-	Manufacturer	Linear Technology
Package10-WFDFN Exposed PadSeries-Number of Bits12Sampling Rate (Per Second)500kNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceSPIConfigurationMUX-S/H-ADCRatio - S/H: ADC1:1Number of A/D Converters1Reference TypeExternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VFeatures-Operating Temperature0°C ~ 70°CPackage / Case10-DFIN (3x3)Mounting Type-Supplier Device Package10-DFIN (3x3)Mounting Type-	Category	Integrated Circuits (ICs)
Series-Number of Bits12Sampling Rate (Per Second)500kNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceSPIConfigurationMUX-S/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Digital5VVoltage - Supply, Digital5VPeatures-Operating Temperature0°C ~ 70°CPackage / Case10-DFIN (3x3)Mounting Type-		Data Acquisition - Analog to Digital Converters (ADC)
Number of Bits12Sampling Rate (Per Second)500kNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceSPIConfigurationMUX-S/H-ADCRatio - S/H:ADC1.1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Digital5VYoltage - Supply, Digital0°C ~ 70°CPeakage / Case10-WFDFN Exposed PadSupplier Device Package10-DFN (33)Mounting Type-	Package	10-WFDFN Exposed Pad
Sampling Rate (Per Second)500kNumber of Inputs1Input TypeDifferential, Single EndedData InterfaceSPIConfigurationMUX-S/H-ADCRatio - S/H:ADC1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog5VVoltage - Supply, Digital-Pertures-Operating Temperature0°C ~ 70°CPackage / Case10-DFN Exposed PadNumber Dybene10-DFN (3x3)	Series	-
Number of Inputs1Input TypeDifferential, Single EndedData InterfaceSPIConfigurationMUX-S/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VFeatures-Operating Temperature0°C ~ 70°CPackage / Case10-WFDFN Exposed PadSupplier Device Package10-DFN (3x3)Mounting Type-	Number of Bits	12
Input TypeDifferential, Single EndedData InterfaceSPIConfigurationMUX-S/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog5VVoltage - Supply, Digital-Operating Temperature0°C ~ 7°CPackage / Case10-DFIN Exposed PadSupplier Device Package-Mounting Type-	Sampling Rate (Per Second)	500k
Data InterfaceSPIData InterfaceMUX-S/H-ADCConfigurationMUX-S/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VFeatures-Operating Temperature0°C ~ 70°CPackage / Case10-DFN Exposed PadSupplier Device Package-Mounting Type-	Number of Inputs	1
ConfigurationMUX-S/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VPeatures-Operating Temperature0°C ~ 70°CPackage / Case10-WFDFN Exposed PadSupplier Device Package-Mounting Type-	Input Type	Differential, Single Ended
Ratio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARArchitectureExternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VVoltage - Supply, Digital5VPeatures-Operating Temperature0°C ~ 70°CPackage / Case10-DFFN Exposed PadSupplier Device Package-Mounting Type-	Data Interface	SPI
Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VFeatures-Operating Temperature0°C ~ 70°CPackage / Case10-DFN Exposed PadSupplier Device Package-Mounting Type-	Configuration	MUX-S/H-ADC
ArchitectureSARReference TypeExternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VFeatures-Operating Temperature0°C ~ 70°CPackage / Case10-WFDFN Exposed PadSupplier Device Package10-DFN (3x3)Mounting Type-	Ratio - S/H:ADC	1:1
Reference TypeExternalKeference TypeExternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VFeatures-Operating Temperature0°C ~ 70°CPackage / Case10-WFDFN Exposed PadSupplier Device Package10-DFN (3x3)Mounting Type-	Number of A/D Converters	1
Voltage - Supply, Analog5VVoltage - Supply, Digital5VFeatures-Operating Temperature0°C ~ 70°CPackage / Case10-WFDFN Exposed PadSupplier Device Package10-DFN (3x3)Mounting Type-	Architecture	SAR
Voltage - Supply, Digital5VFeatures-Operating Temperature0°C ~ 70°CPackage / Case10-WFDFN Exposed PadSupplier Device Package10-DFN (3x3)Mounting Type-	Reference Type	External
Features-Operating Temperature0°C ~ 70°CPackage / Case10-WFDFN Exposed PadSupplier Device Package10-DFN (3x3)Mounting Type-	Voltage - Supply, Analog	5V
Operating Temperature0°C ~ 70°CPackage / Case10-WFDFN Exposed PadSupplier Device Package10-DFN (3x3)Mounting Type-	Voltage - Supply, Digital	5V
Package / Case10-WFDFN Exposed PadSupplier Device Package10-DFN (3x3)Mounting Type-	Features	-
Supplier Device Package10-DFN (3x3)Mounting Type-	Operating Temperature	$0^{\circ}\mathrm{C} \sim 70^{\circ}\mathrm{C}$
Mounting Type -	Package / Case	10-WFDFN Exposed Pad
	Supplier Device Package	10-DFN (3x3)
Report errors?	Mounting Type	-
		Report errors?

LTC2302CDD#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 Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

LTC2302CDD#PBF Payment Methods



LTC2302CDD#PBF Shipping Methods



If you have any question about LTC2302CDD#PBF, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com