

AD9231BCPZ-40

AD9231BCPZ-40 Information

Muser heisener som		AD9231BCPZ-40 Analog Devices Inc. Integrated Circuits (ICs) Data Acquisition - Analog to Digital Converters (ADC)	
	Description	IC ADC 12BIT 40MSPS 64LFCSP	
	Package	64-VFQFN Exposed Pad, CSP For the pricing/inventory/lead time, please contact	■258855
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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AD9231BCPZ-40 Specifications

Manufacturer Part NumberAD9231BCPZ-40ManufacturerAnalog Devices Inc.CategoryIntegrated Circuits (ICs)Data Acquisition - Analog to Digital Converters (ADC)Package64-VFQFN Exposed Pad, CSPSeries-Number of Bits12Sampling Rate (Per Second)40MNumber of Inputs2Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCNumber of A/D Converters2ArchitecturePipelinedNumber of Jyply, Analog1.1Voltage - Supply, Analog1.7 V ~ 1.9 VVoltage - Supply, Digital70 × 3.6 VFeatures70 × 3.6 CPackage / Case64-VFQFN Exposed Pad, CSPSupplier Device Package64-LFCSP-VQ (9x9)			
CategoryIntegrated Circuits (ICs)PackageData Acquisition - Analog to Digital Converters (ADC)Package64-VFQFN Exposed Pad, CSPSeries-Number of Bits12Sampling Rate (Per Second)40MNumber of Inputs2Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters2ArchitecturePipelinedPipelined1.7 V ~ 1.9 VVoltage - Supply, Digital1.7 V ~ 3.6 VFeaturesSimultaneous SamplingOperating Temperature64-VFQFN Exposed Pad, CSP	Manufacturer Part Number	AD9231BCPZ-40	
Data Acquisition - Analog to Digital Converters (ADC)Package64-VFQFN Exposed Pad, CSPSeries-Number of Bits12Sampling Rate (Per Second)40MNumber of Inputs2Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCNumber of A/D Converters2ArchitecturePipelinedNumber of X/D Converters2ArchitectureNumber of A/D ConvertersVoltage - Supply, Analog1.7 V ~ 1.9 VVoltage - Supply, Digital1.7 V ~ 3.6 VFeaturesSimultaneous SamplingOperating Temperature40°C ~ 85°CPackage / Case64-VFQFN Exposed Pad, CSP	Manufacturer	Analog Devices Inc.	
Package64-VFQFN Exposed Pad, CSPSeries-Number of Bits12Sampling Rate (Per Second)40MNumber of Inputs2Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H: ADC1:1Number of A/D Converters2ArchitecturePipelinedVoltage - Supply, Analog1.7 V ~ 1.9 VVoltage - Supply, DigitalSimultaneous SamplingOperating Temperature-40°C ~ 85°CPackage / Case64-VFQFN Exposed Pad, CSP	Category	Integrated Circuits (ICs)	
Series-Number of Bits12Sampling Rate (Per Second)40MNumber of Inputs2Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters2ArchitecturePipelinedReference TypeInternalVoltage - Supply, Analog1.7 V ~ 1.9 VVoltage - Supply, Digital1.7 V ~ 3.6 VFeaturesSimultaneous SamplingOperating Temperature64-VFQEN Exposed Pad, CSP		Data Acquisition - Analog to Digital Converters (ADC)	
Number of Bits12Sampling Rate (Per Second)40MNumber of Inputs2Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H: ADC1:1Number of A/D Converters2ArchitecturePipelinedNotage - Supply, Analog1.7 V ~ 1.9 VVoltage - Supply, Digital1.7 V ~ 3.6 VFeaturesSimultaneous SamplingOperating Temperature40°C ~ 85°CPackage / Case64-VFQFN Exposed Pad, CSP	Package	64-VFQFN Exposed Pad, CSP	
Sampling Rate (Per Second)40MNumber of Inputs2Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters2ArchitecturePipelinedReference TypeInternalVoltage - Supply, Analog1.7 V ~ 1.9 VVoltage - Supply, Digital1.7 V ~ 3.6 VFeaturesSimultaneous SamplingOperating Temperature40°C ~ 85°CPackage / Case64-VFQFN Exposed Pad, CSP	Series	-	
Number of Inputs2Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters2ArchitecturePipelinedReference TypeInternalVoltage - Supply, Analog1.7 V ~ 1.9 VVoltage - Supply, Digital1.7 V ~ 3.6 VFeaturesSimultaneous SamplingOperating Temperature-40°C ~ 85°CPackage / Case64-VFQFN Exposed Pad, CSP	Number of Bits	12	
Input TypeDifferential, Single EndedInput TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters2ArchitecturePipelinedReference TypeInternalVoltage - Supply, Analog1.7 V ~ 1.9 VVoltage - Supply, Digital1.7 V ~ 3.6 VFeaturesSimultaneous SamplingOperating Temperature40°C ~ 85°CPackage / Case64-VFQFN Exposed Pad, CSP	Sampling Rate (Per Second)	40M	
Data InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters2ArchitecturePipelinedReference TypeInternalVoltage - Supply, Analog1.7 V ~ 1.9 VVoltage - Supply, Digital1.7 V ~ 3.6 VFeaturesSimultaneous SamplingOperating Temperature-40°C ~ 85°CPackage / Case64-VFQFN Exposed Pad, CSP	Number of Inputs	2	
ConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters2ArchitecturePipelinedReference TypeInternalVoltage - Supply, Analog1.7 V ~ 1.9 VVoltage - Supply, Digital1.7 V ~ 3.6 VFeaturesSimultaneous SamplingOperating Temperature-40°C ~ 85°CPackage / Case64-VFQFN Exposed Pad, CSP	Input Type	Differential, Single Ended	
Ratio - S/H:ADC1:1Number of A/D Converters2ArchitecturePipelinedReference TypeInternalVoltage - Supply, Analog1.7 V ~ 1.9 VVoltage - Supply, Digital1.7 V ~ 3.6 VFeaturesSimultaneous SamplingOperating Temperature-40°C ~ 85°CPackage / Case64-VFQFN Exposed Pad, CSP	Data Interface	Parallel	
Number of A/D Converters2ArchitecturePipelinedReference TypeInternalVoltage - Supply, Analog1.7 V ~ 1.9 VVoltage - Supply, Digital1.7 V ~ 3.6 VFeaturesSimultaneous SamplingOperating Temperature-40°C ~ 85°CPackage / Case64-VFQFN Exposed Pad, CSP	Configuration	S/H-ADC	
ArchitecturePipelinedReference TypeInternalVoltage - Supply, Analog1.7 V ~ 1.9 VVoltage - Supply, Digital1.7 V ~ 3.6 VFeaturesSimultaneous SamplingOperating Temperature-40°C ~ 85°CPackage / Case64-VFQFN Exposed Pad, CSP	Ratio - S/H:ADC	1:1	
Reference TypeInternalVoltage - Supply, Analog1.7 V ~ 1.9 VVoltage - Supply, Digital1.7 V ~ 3.6 VFeaturesSimultaneous SamplingOperating Temperature-40°C ~ 85°CPackage / Case64-VFQFN Exposed Pad, CSP	Number of A/D Converters	2	
Voltage - Supply, Analog1.7 V ~ 1.9 VVoltage - Supply, Digital1.7 V ~ 3.6 VFeaturesSimultaneous SamplingOperating Temperature-40°C ~ 85°CPackage / Case64-VFQFN Exposed Pad, CSP	Architecture	Pipelined	
Voltage - Supply, Digital1.7 V ~ 3.6 VFeaturesSimultaneous SamplingOperating Temperature-40°C ~ 85°CPackage / Case64-VFQFN Exposed Pad, CSP	Reference Type	Internal	
FeaturesSimultaneous SamplingOperating Temperature-40°C ~ 85°CPackage / Case64-VFQFN Exposed Pad, CSP	Voltage - Supply, Analog	1.7 V ~ 1.9 V	
Operating Temperature-40°C ~ 85°CPackage / Case64-VFQFN Exposed Pad, CSP	Voltage - Supply, Digital	1.7 V ~ 3.6 V	
Package / Case 64-VFQFN Exposed Pad, CSP	Features	Simultaneous Sampling	
-	Operating Temperature	-40°C ~ 85°C	
Supplier Device Package 64-LFCSP-VQ (9x9)	Package / Case	64-VFQFN Exposed Pad, CSP	
	Supplier Device Package	64-LFCSP-VQ (9x9)	
Mounting Type -	Mounting Type	-	
Report errors		Report errors?	

AD9231BCPZ-40 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.

AD9231BCPZ-40 Payment Methods



AD9231BCPZ-40 Shipping Methods



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