

AD9238BSTZ-40

Quote

AD9238BSTZ-40 Information

	Part Number	AD9238BSTZ-40	
Www.movener.com	Manufacturer	Analog Devices Inc.	
	Category	Integrated Circuits (ICs) Data Acquisition - Analog to Digital Converters (ADC)	1203
	Description	IC ADC 12BIT DUAL 40MSPS 64-LQFP	- 325.36
	Package	64-LQFP	_]- <u>``</u> _
		For the pricing/inventory/lead time, please contact	
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a (

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AD9238BSTZ-40 Specifications

Manufacturer Part Number AD9238BSTZ-40 Manufacturer Analog Devices Inc. Category Integrated Circuits (ICs) Dath Acquisition - Analog to Digital Converters (ADC) Dath Acquisition - Analog to Digital Converters (ADC) Package 64-LQFP Stries - Number of Bits 12 Samping Rate (Per Second) 40M Data Interface Parallel Configuration Differential, Single Ended Data Interface Parallel Configuration S/H-ADC Number of ADC Converters 2 Architecture Pipelined Reference Type External. Internal Voltage - Supply, Analog 2.25 V ~ 3.6 V Voltage - Supply, Digital 2.25 V ~ 3.6 V Pietures Simultaneous Sampling Operating Temperature 4.0°C ~ 85°C Package / Case 64-LQFP (7x7) Mounting Type 64-LQFP (7x7)			
CategoryIntegrated Circuits (ICs)Data Acquisition - Analog to Digital Converters (ADC)Package64-LQFPSeries-Number of Bits12Sampling Rate (Per Second)40MNumber of Inputs2Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters2ArchitecturePipelinedVoltage - Supply, Analog2.7 V ~ 3.6 VVoltage - Supply, Digital2.25 V ~ 3.6 VFeaturesSimultaneous SamplingOperating Temperature4.0°C ~ 85°CPackage / Case64-LQFP (7x7)Mounting Type-Supplic Device Package64-LQFP (7x7)Supplic Device Package64-LQFP (7x7)	Manufacturer Part Number	AD9238BSTZ-40	
Data Acquisition - Analog to Digital Converters (ADC)Package64-LQFPSeries-Number of Bits12Sampling Rate (Per Second)40MNumber of Inputs2Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCNumber of A/D Converters2ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.6 VVoltage - Supply, Digital2.5 V ~ 3.6 VFeaturesSimultaneous SamplingOperating Temperature-40°C ~ 85°CPackage / Case64-LQFP (7x7)Mounting Type-	Manufacturer	Analog Devices Inc.	
Package64-LQFPSeries-Number of Bits12Sampling Rate (Per Second)40MNumber of Inputs2Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters2ArchitecturePipelinedVoltage - Supply, Analog2.7 V ~ 3.6 VVoltage - Supply, Digital2.55 V ~ 3.6 VFeaturesSimultaneous SamplingOperating Temperature440°C ~ 85°CPackage / Case64-LQFP (7x7)Mounting Type-	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 TypeExternal, InternalVoltage - Supply, Digital2.25 V ~ 3.6 VFeaturesSimultaneous SamplingOperating Temperature4-UQFPSupplier Device Package64-LQFP (7x7)Mounting Type-		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 Converters2ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Digital2.5 V ~ 3.6 VFeaturesSimultaneous SamplingOperating Temperature4.0°C ~ 85°CPackage / Case64-LQFP (7x7)Mounting Type-	Package	64-LQFP	
Sampling Rate (Per Second)40MNumber of Inputs2Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters2ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Digital2.25 V ~ 3.6 VFeaturesSimultaneous SamplingOperating Temperature64-LQFPSupplier Device Package64-LQFP(7x7)Mounting Type-	Series	-	
Number of Inputs2Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters2ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Digital2.7 V ~ 3.6 VVoltage - Supply, Digital2.25 V ~ 3.6 VFeaturesSimultaneous SamplingOperating Temperature-40°C ~ 85°CPackage / Case64-LQFP (7x7)Mounting Type-	Number of Bits	12	
Input TypeDifferential, Single EndedInput TypeParallelData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters2ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.6 VVoltage - Supply, DigitalSimultaneous SamplingOperating Temperature40°C ~ 85°CPackage / Case64-LQFP (7x7)Mounting Type-	Sampling Rate (Per Second)	40M	
Data InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters2ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.6 VVoltage - Supply, Digital2.25 V ~ 3.6 VFeaturesSimultaneous SamplingOperating Temperature-40°C ~ 85°CPackage / Case64-LQFPSupplier Device Package64-LQFP (7x7)Mounting Type-	Number of Inputs	2	
ConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters2ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.6 VVoltage - Supply, Digital2.25 V ~ 3.6 VFeaturesSimultaneous SamplingOperating Temperature-40°C ~ 85°CPackage / Case64-LQFPMounting Type-	Input Type	Differential, Single Ended	
Ratio - S/H:ADC1:1Number of A/D Converters2ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.6 VVoltage - Supply, Digital2.25 V ~ 3.6 VFeaturesSimultaneous SamplingOperating Temperature-40°C ~ 85°CPackage / Case64-LQFPSupplier Device Package64-LQFP (7x7)Mounting Type-	Data Interface	Parallel	
Number of A/D Converters2ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.6 VVoltage - Supply, Digital2.25 V ~ 3.6 VFeaturesSimultaneous SamplingOperating Temperature-40°C ~ 85°CPackage / Case64-LQFPSupplier Device Package-Mounting Type-	Configuration	S/H-ADC	
ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.6 VVoltage - Supply, Digital2.25 V ~ 3.6 VFeaturesSimultaneous SamplingOperating Temperature-40°C ~ 85°CPackage / Case64-LQFPSupplier Device Package64-LQFP (7x7)Mounting Type-	Ratio - S/H:ADC	1:1	
Reference TypeExternal, InternalVoltage - Supply, Analog2.7 V ~ 3.6 VVoltage - Supply, Digital2.25 V ~ 3.6 VFeaturesSimultaneous SamplingOperating Temperature-40°C ~ 85°CPackage / Case64-LQFPSupplier Device Package64-LQFP (7x7)Mounting Type-	Number of A/D Converters	2	
Voltage - Supply, Analog2.7 V ~ 3.6 VVoltage - Supply, Digital2.25 V ~ 3.6 VFeaturesSimultaneous SamplingOperating Temperature-40°C ~ 85°CPackage / Case64-LQFPSupplier Device Package64-LQFP (7x7)Mounting Type-	Architecture	Pipelined	
Voltage - Supply, Digital2.25 V ~ 3.6 VFeaturesSimultaneous SamplingOperating Temperature-40°C ~ 85°CPackage / Case64-LQFPSupplier Device Package64-LQFP (7x7)Mounting Type-	Reference Type	External, Internal	
FeaturesSimultaneous SamplingOperating Temperature-40°C ~ 85°CPackage / Case64-LQFPSupplier Device Package64-LQFP (7x7)Mounting Type-	Voltage - Supply, Analog	2.7 V ~ 3.6 V	
Operating Temperature-40°C ~ 85°CPackage / Case64-LQFPSupplier Device Package64-LQFP (7x7)Mounting Type-	Voltage - Supply, Digital	2.25 V ~ 3.6 V	
Package / Case64-LQFPSupplier Device Package64-LQFP (7x7)Mounting Type-	Features	Simultaneous Sampling	
Supplier Device Package64-LQFP (7x7)Mounting Type-	Operating Temperature	-40° C ~ 85° C	
Mounting Type -	Package / Case	64-LQFP	
	Supplier Device Package	64-LQFP (7x7)	
Report errors?	Mounting Type	-	
		Report errors?	

AD9238BSTZ-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 BUARANTEE

Service Guarantees

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

AD9238BSTZ-40 Payment Methods





If you have any question about AD9238BSTZ-40, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com