

ADS7844EG4

ADS7844EG4 Information

Addition of the second	Part Number Manufacturer	ADS7844EG4 Texas Instruments	
	Category	Integrated Circuits (ICs) Data Acquisition - Analog to Digital Converters (ADC)	
	Description	IC 12BIT 8-CHANNEL ADC 20-QSOP	1.2.2.2.2.1
	Package	20-SSOP (0.154", 3.90mm Width)	THE REAL PROPERTY AND A DESCRIPTION OF A DE
For Reference Only		For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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ADS7844EG4 Specifications

ManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICS)Data Acquisition - Analog to Digital Converters (ADC)Package20-SSOP (0.154", 3.90mm Width)Package20-SSOP (0.154", 3.90mm Width)Series-Number of Bits12Sampling Rate (Per Second)200kNumber of Inputs4,8Input TypeDifferential, Single EndedData InterfaceSPIConfigurationMUX-S/H-ADCNumber of A/D Converters1Number of A/D Converters1Reference TypeExternalVoltage - Supply, Analog2.7 V ~ 3.6 V, 5VVoltage - Supply, Digital-Operating Temperature-Package / Case0.5SOP (0.154", 3.90mm Width)Supplier Device Package20-SSOP (0.5SOP)	_	
CategoryIntegrated Circuits (ICs)Data Acquisition - Analog to Digital Converters (ADC)Package20-SSOP (0.154", 3.90mm Width)Series-Number of Bits12Sampling Rate (Per Second)200kNumber of Inputs4, 8Input TypeDifferential, Single EndedData InterfaceSPIConfigurationMUX-S/H-ADCRatio - S/H: ADC1Number of A/D Converters1Reference TypeExternalVoltage - Supply, Analog2.7 V ~ 3.6 V, 5VVoltage - Supply, Digital-Operating Temperature-Operating Temperature4.0°C ~ 85°CPackage / Case20-SSOP (0.154", 3.90mm Width)Supplier Device Package20-SSOP (0.50PMunuting Type-	Manufacturer Part Number	ADS7844EG4
Data Acquisition - Analog to Digital Converters (ADC)Package20-SSOP (0.154", 3.90mm Width)Series-Number of Bits12Sampling Rate (Per Second)200kNumber of Inputs4, 8Input TypeDifferential, Single EndedData InterfaceSPIConfigurationMUX-S/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog2.7 V ~ 3.6 V, 5VVoltage - Supply, Digital2.7 V ~ 3.6 V, 5VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case20-SSOP/(QSOPMounting Type-	Manufacturer	Texas Instruments
Package20-SSOP (0.154", 3.90mm Width)Series-Number of Bits12Sampling Rate (Per Second)200kNumber of Inputs4, 8Input TypeDifferential, Single EndedData InterfaceSPIConfigurationMUX-S/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1Reference TypeExternalVoltage - Supply, Analog2.7 V ~ 3.6 V, 5VVoltage - Supply, Digital2.7 V ~ 3.6 V, 5VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case20-SSOP/QSOPMounting Type-	Category	Integrated Circuits (ICs)
Series-Number of Bits12Sampling Rate (Per Second)200kNumber of Inputs4, 8Input TypeDifferential, Single EndedData InterfaceSPIConfigurationMUX-S/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1Reference TypeExternalVoltage - Supply, Analog2.7 V ~ 3.6 V, 5VVoltage - Supply, Digital-Operating Temperature-40°C ~ 85°CPackage / Case20-SSOP/QSOPMounting Type-		Data Acquisition - Analog to Digital Converters (ADC)
Number of Bits12Sampling Rate (Per Second)200kNumber of Inputs4, 8Input TypeDifferential, Single EndedData InterfaceSPIConfigurationMUX-S/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Digital2.7 V ~ 3.6 V, 5VVoltage - Supply, Digital2.7 V ~ 3.6 V, 5VPeatures-Operating Temperature40°C ~ 85°CPackage / Case20-SSOP (0.154", 3.90mm Width)Supplier Device Package-Mounting Type-	Package	20-SSOP (0.154", 3.90mm Width)
Sampling Rate (Per Second)200kNumber of Inputs4, 8Input TypeDifferential, Single EndedData InterfaceSPIConfigurationMUX-S/H-ADCRatio - S/H: ADC1.1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog2.7 V ~ 3.6 V, 5VVoltage - Supply, Digital-Package / Case20-SSOP (0.154", 3.90mm Width)Supplier Device Package0SSOP/QSOPMounting Type-	Series	-
Number of Inputs4, 8Input TypeDifferential, Single EndedData InterfaceSPIConfigurationMUX-S/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog2.7 V ~ 3.6 V, 5VVoltage - Supply, Digital2.7 V ~ 3.6 V, 5VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case20-SSOP (0.154", 3.90mm Width)Supplier Device Package-Mounting Type-	Number of Bits	12
Input TypeDifferential, Single EndedData InterfaceSPIConfigurationMUX-S/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog2.7 V ~ 3.6 V, 5VVoltage - Supply, Digital-Peatures-Operating Temperature-40°C ~ 85°CPackage / Case20-SSOP/QSOPMounting Type-	Sampling Rate (Per Second)	200k
Data InterfaceSPIConfigurationMUX-S/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog2.7 V ~ 3.6 V, 5VVoltage - Supply, Digital2.7 V ~ 3.6 V, 5VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case20-SSOP (0.154", 3.90mm Width)Supplier Device Package-Mounting Type-	Number of Inputs	4, 8
ConfigurationMUX-S/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternalVoltage - Supply, Analog2.7 V ~ 3.6 V, 5VVoltage - Supply, Digital2.7 V ~ 3.6 V, 5VFeatures-Operating Temperature40°C ~ 85°CPackage / Case20-SSOP (0.154", 3.90mm Width)Supplier Device Package-Mounting Type-	Input Type	Differential, Single Ended
Ratio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARArchitectureExternalReference TypeExternalVoltage - Supply, Analog2.7 V ~ 3.6 V, 5VVoltage - Supply, Digital2.7 V ~ 3.6 V, 5VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case20-SSOP (0.154", 3.90mm Width)Supplier Device Package-Mounting Type-	Data Interface	SPI
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Reference TypeExternalVoltage - Supply, Analog2.7 V ~ 3.6 V, 5VVoltage - Supply, Digital2.7 V ~ 3.6 V, 5VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case20-SSOP (0.154", 3.90mm Width)Supplier Device Package20-SSOP/QSOPMounting Type-	Number of A/D Converters	1
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Features-Operating Temperature-40°C ~ 85°CPackage / Case20-SSOP (0.154", 3.90mm Width)Supplier Device Package20-SSOP/QSOPMounting Type-	Voltage - Supply, Analog	2.7 V ~ 3.6 V, 5V
Operating Temperature-40°C ~ 85°CPackage / Case20-SSOP (0.154", 3.90mm Width)Supplier Device Package20-SSOP/QSOPMounting Type-	Voltage - Supply, Digital	2.7 V ~ 3.6 V, 5V
Package / Case20-SSOP (0.154", 3.90mm Width)Supplier Device Package20-SSOP/QSOPMounting Type-	Features	-
Supplier Device Package 20-SSOP/QSOP Mounting Type -	Operating Temperature	-40°C ~ 85°C
Mounting Type -	Package / Case	20-SSOP (0.154", 3.90mm Width)
	Supplier Device Package	20-SSOP/QSOP
Report errors?	Mounting Type	-
		Report errors?

ADS7844EG4 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

Service Guarantees

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