

ADS7825UE4

ADS7825UE4 Information

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	Category	Integrated Circuits (ICs) Data Acquisition - Analog to Digital Converters (ADC)	
	Description	IC 16BIT 4-CHAN MUX ADC 28-SOIC	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Package	28-SOIC (0.295", 7.50mm Width)	THE WAR
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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ADS7825UE4 Specifications

Manufacturer Texas Instruments Category Integrated Circuits (ICs) Data Acquisition - Analog to Digital Converters (ADC) Package 28-SOIC (0.295", 7.50mm Width) Series - Number of Bits 16 Sampling Rate (Per Second) 40k Number of Inputs 4 Input Type Single Ended Data Interface SPI, Parallel Configuration S/H-ADC Number of A/D Converters 1 Architecture SAR Reference Type External, Internal Voltage - Supply, Digital 5V Voltage - Supply, Digital SV Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC (0.295", 7.50mm Width)	_	
CategoryIntegrated Circuits (ICs)Data Acquisition - Analog to Digital Converters (ADC)Package28-SOIC (0.295", 7.50mm Width)Series-Number of Bits16Sampling Rate (Per Second)40kNumber of Inputs4Input TypeSingle EndedData InterfaceSPI, ParallelConfigurationS/H-ADCNumber of A/D Converters1ArchitectureSARReference TypeExternal, InternalVoltage - Supply, DigitalSVVoltage - Supply, DigitalSVFeatures-Operating Temperature4.0°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting Type-Otomating Type-	Manufacturer Part Number	ADS7825UE4
Data Acquisition - Analog to Digital Converters (ADC)Package28-SOIC (0.295", 7.50mm Width)Series-Number of Bits16Sampling Rate (Per Second)40kNumber of Inputs4Input TypeSingle EndedData InterfaceSPI, ParallelConfigurationS/H-ADCRatio - S/H:ADC1Number of A/D Converters1ArchitectureSARReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting Type-	Manufacturer	Texas Instruments
Package28-SOIC (0.295", 7.50mm Width)Series-Number of Bits16Sampling Rate (Per Second)40kNumber of Inputs4Input TypeSingle EndedData InterfaceSPI, ParallelConfigurationS/H-ADCRatio - S/H:ADC1Number of A/D Converters1Reference TypeExternal, InternalReference Type5VVoltage - Supply, Digital5VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package-Mounting Type-	Category	Integrated Circuits (ICs)
Series-Number of Bits16Sampling Rate (Per Second)40kNumber of Inputs4Input TypeSingle EndedData InterfaceSPI, ParallelConfigurationS/H-ADCRatio - S/H: ADC1.1Number of A/D Converters1Reference TypeExternal, InternalVoltage - Supply, DigitalSVVoltage - Supply, Digital5VPeatures-Operating Temperature4.0°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Munting Type-Munting Type-		Data Acquisition - Analog to Digital Converters (ADC)
Number of Bits16Sampling Rate (Per Second)40kNumber of Inputs4Input TypeSingle EndedData InterfaceSPI, ParallelConfigurationS/H-ADCRatio - S/H:ADC1.1Number of A/D Converters1ArchitectureSARReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VPeatures-Operating Temperature4.0°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package3.50ICMounting Type-	Package	28-SOIC (0.295", 7.50mm Width)
Sampling Rate (Per Second)40kNumber of Inputs4Input TypeSingle EndedData InterfaceSPI, ParallelConfigurationS/H-ADCRatio - S/H:ADC1Number of A/D Converters1ArchitectureSARReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VFeatures-Operating Temperature40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package-Mounting Type-	Series	-
Number of Inputs4Number of InputsSingle EndedInput TypeSingle EndedData InterfaceSPI, ParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package-Mounting Type-	Number of Bits	16
Input TypeSingle EndedInput TypeSingle EndedData InterfaceSPI, ParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternal, InternalVoltage - Supply, AnalogSVVoltage - Supply, DigitalSVFeatures-Operating Temperature40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package-Mounting Type-	Sampling Rate (Per Second)	40k
Data InterfaceSPI, ParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VFeatures-Operating Temperature40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting Type-	Number of Inputs	4
ConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package-Mounting Type-	Input Type	Single Ended
Ratio - S/H:ADC1:1Number of A/D Converters1ArchitectureSARReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package-Mounting Type-	Data Interface	SPI, Parallel
Number of A/D Converters1ArchitectureSARArchitectureExternal, InternalReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package-Mounting Type-	Configuration	S/H-ADC
ArchitectureSARReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package-Mounting Type-	Ratio - S/H:ADC	1:1
Reference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting Type-	Number of A/D Converters	1
Voltage - Supply, Analog5VVoltage - Supply, Digital5VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting Type-	Architecture	SAR
Voltage - Supply, Digital5VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting Type-	Reference Type	External, Internal
Features-Operating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting Type-	Voltage - Supply, Analog	5V
Operating Temperature-40°C ~ 85°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting Type-	Voltage - Supply, Digital	5V
Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOICMounting Type-	Features	-
Supplier Device Package28-SOICMounting Type-	Operating Temperature	-40°C ~ 85°C
Mounting Type -	Package / Case	28-SOIC (0.295", 7.50mm Width)
	Supplier Device Package	28-SOIC
Report errors?	Mounting Type	-
I. I		Report errors?

ADS7825UE4 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.

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