

ADS5525IRGZTG4

ADS5525IRGZTG4 Information

FREE SULUTION		ADS5525IRGZTG4 Texas Instruments Integrated Circuits (ICs) Data Acquisition - Analog to Digital Converters (ADC)	
	Description	IC ADC 12BIT 170MSPS 48-VQFN	
	Package	48-VFQFN Exposed Pad	
For Reference Only		For the pricing/inventory/lead time, please contact	
		Website: https://www.heisener.com	Request a Quote

E-mail: salesdept@heisener.com

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ADS5525IRGZTG4 Specifications

Manufacturer Part Number ADS552SIRGZTG4 Manufacturer Texas Instruments Category Integrated Circuits (ICs) Data Acquisition - Analog to Digital Converters (ADC) Data Acquisition - Analog to Digital Converters (ADC) Package 48-VFQFN Exposed Pad Stries - Number of Bits 12 Sampling Rate (Per Second) 170M Number of Inputs 1 Input Type Differential Configuration S/H-ADC Ratio - S/H:ADC 1:1 Number of A/D Converters 1 Architecture Pipelined Reference Type External, Internal Voltage - Supply, Analog 3 V ~ 3.6 V Voltage - Supply, Digital 3 V ~ 3.6 V Package / Case - Operating Temperature 48-VFQFN Exposed Pad Supplier Device Package 48-VFQFN Exposed Pad Mounting Type -		
CategoryIntegrated Circuits (ICs)Data Acquisition - Analog to Digital Converters (ADC)Package48-VFQFN Exposed PadSeries-Number of Bits12Sampling Rate (Per Second)170MNumber of Inputs1Input TypeDifferentialData InterfaceVDS - Parallel, ParallelConfigurationS/H-ADCRatio - S/H:ADC1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog3 V ~ 3.6 VVoltage - Supply, Digital-Operating Temperature-Operating Temperature48-VFQFN Exposed PadSupplier Device Package48-VFQFN Exposed PadSupplier Device Package48-VFQFN Exposed PadSupplier Device Package48-VFQFN Exposed PadSupplier Device Package54-VGFN Exposed Pad	Manufacturer Part Number	ADS5525IRGZTG4
Data Acquisition - Analog to Digital Converters (ADC)Package48-VFQFN Exposed PadSeries-Number of Bits12Sampling Rate (Per Second)170MNumber of Inputs1Input TypeDifferentialData InterfaceLVDS - Parallel, ParallelConfigurationS/H-ADCRatio - S/H: ADC1:1Number of A/D Converters1ArchitecturePipleindReference TypeExternal, InternalVoltage - Supply, Analog3 V ~ 3.6 VVoltage - Supply, Digital-Peatures-Operating Temperature-40°C ~ 85°CPackage / Case48-VFQFN Exposed PadSupplier Device Package-Mounting Type-	Manufacturer	Texas Instruments
Package48-VFQFN Exposed PadSeries-Number of Bits12Sampling Rate (Per Second)170MNumber of Inputs1Input TypeDifferentialData InterfaceLVDS - Parallel, ParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1Reference TypeExternal, InternalVoltage - Supply, Analog3 V ~ 3.6 VVoltage - Supply, Digital3 V ~ 3.6 VFeatures-Operating Temperature40°C ~ 85°CPackage / Case48-VEFN (Tx7)Mounting Type-	Category	Integrated Circuits (ICs)
Series-Number of Bits12Sampling Rate (Per Second)170MNumber of Inputs1Input TypeDifferentialData InterfaceLVDS - Parallel, ParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Digital3 V ~ 3.6 VSoltage - Supply, Digital3 V ~ 3.6 VPeatures-Operating Temperature40°C ~ 85°CPackage / Case48-VEPK Exposed PadSupplier Device Package48-VQFN (7x7)Mounting Type-		Data Acquisition - Analog to Digital Converters (ADC)
Number of Bits12Sampling Rate (Per Second)170MNumber of Inputs1Input TypeDifferentialData InterfaceLVDS - Parallel, ParallelConfigurationS/H-ADCRatio - S/H:ADC1.1Number of A/D Converters1ArchitecturePipelinedReference TypeStv ~ 3.6 VVoltag - Supply, Digital3 V ~ 3.6 VPeatures-Operating Temperature48-VEQFN Exposed PadSupplier Device Package48-VEQFN Exposed PadNumber of Yape3 V ~ 7.7)Mounting Type-	Package	48-VFQFN Exposed Pad
Sampling Rate (Per Second)170MNumber of Inputs1Input TypeDifferentialData InterfaceLVDS - Parallel, ParallelConfigurationS/H-ADCRatio - S/H:ADC1Number of A/D Converters1ArchitecturePipelinedReference TypeStranal, InternalVoltage - Supply, Analog3 V ~ 3.6 VVoltage - Supply, Digital-Peatures-Package / Case48-VFQFN Exposed PadSupplier Device Package48-VQFN (7x7)Mounting Type-	Series	-
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Input TypeDifferentialData InterfaceLVDS - Parallel, ParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog3 V ~ 3.6 VVoltage - Supply, Digital-Peratures-Operating Temperature40°C ~ 85°CPackage / Case48-VFQFN Exposed PadSupplier Device Package-Mounting Type-	Sampling Rate (Per Second)	170M
Para InterfaceLVDS - Parallel, ParallelData InterfaceLVDS - Parallel, ParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog3 V ~ 3.6 VVoltage - Supply, Digital3 V ~ 3.6 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case48-VFQFN Exposed PadSupplier Device Package-Mounting Type-	Number of Inputs	1
ConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog3 V ~ 3.6 VVoltage - Supply, Digital3 V ~ 3.6 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case48-VFQFN Exposed PadMounting Type-	Input Type	Differential
Ratio - S/H:ADC1:1Number of A/D Converters1ArchitecturePipelinedArchitectureExternal, InternalKeference Type5 V ~ 3.6 VVoltage - Supply, Analog3 V ~ 3.6 VVoltage - Supply, Digital3 V ~ 3.6 VFeatures-Operating Temperature+40°C ~ 85°CPackage / Case48-VFQFN Exposed PadSupplier Device Package-Mounting Type-	Data Interface	LVDS - Parallel, Parallel
Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog3 V ~ 3.6 VVoltage - Supply, Digital3 V ~ 3.6 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case48-VFQFN Exposed PadSupplier Device Package48-VQFN (7x7)Mounting Type-	Configuration	S/H-ADC
ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog3 V ~ 3.6 VVoltage - Supply, Digital3 V ~ 3.6 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case48-VFQFN Exposed PadSupplier Device Package48-VQFN (7x7)Mounting Type-	Ratio - S/H:ADC	1:1
Reference TypeExternal, InternalVoltage - Supply, Analog3 V ~ 3.6 VVoltage - Supply, Digital3 V ~ 3.6 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case48-VFQFN Exposed PadSupplier Device Package48-VQFN (7x7)Mounting Type-	Number of A/D Converters	1
Voltage - Supply, Analog3 V ~ 3.6 VVoltage - Supply, Digital3 V ~ 3.6 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case48-VFQFN Exposed PadSupplier Device Package48-VQFN (7x7)Mounting Type-	Architecture	Pipelined
Voltage - Supply, Digital3 V ~ 3.6 VFeatures-Operating Temperature-40°C ~ 85°CPackage / Case48-VFQFN Exposed PadSupplier Device Package48-VQFN (7x7)Mounting Type-	Reference Type	External, Internal
Features-Operating Temperature-40°C ~ 85°CPackage / Case48-VFQFN Exposed PadSupplier Device Package48-VQFN (7x7)Mounting Type-	Voltage - Supply, Analog	3 V ~ 3.6 V
Operating Temperature-40°C ~ 85°CPackage / Case48-VFQFN Exposed PadSupplier Device Package48-VQFN (7x7)Mounting Type-	Voltage - Supply, Digital	3 V ~ 3.6 V
Package / Case48-VFQFN Exposed PadSupplier Device Package48-VQFN (7x7)Mounting Type-	Features	-
Supplier Device Package48-VQFN (7x7)Mounting Type-	Operating Temperature	$-40^{\circ}\mathrm{C} \sim 85^{\circ}\mathrm{C}$
Mounting Type -	Package / Case	48-VFQFN Exposed Pad
	Supplier Device Package	48-VQFN (7x7)
Report errors?	Mounting Type	-
		Report errors?

ADS5525IRGZTG4 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.

ADS5525IRGZTG4 Payment Methods



ADS5525IRGZTG4 Shipping Methods



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