

# TLC5510INSG4

### **TLC5510INSG4 Information**

	ufacturer Te gory In	CLC5510INSG4 Sexas Instruments ntegrated Circuits (ICs)	
Desc	(/ cription IC	Data Acquisition - Analog to Digital Converters ADC) C ADC 8BIT PAR 20M 24SO 4-SOIC (0.209", 5.30mm Width)	
For Reference Only	Fe us W	or the pricing/inventory/lead time, please contact	Request a Quote

# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



# **TLC5510INSG4 Specifications**

ManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)Data Acquisition - Analog to Digital Converters (ADC)Package24-SOIC (0.209", 5.30mm Width)Series-Number of Bits8Sampling Rate (Per Second)20MNumber of Inputs1Input TypeSingle EndedData InterfaceParallelConfigurationS/H-ADCNumber of A/D Converters1Number of A/D Converters1Reference TypeInternalVoltage - Supply, Digital5VVoltage - Supply, Digital5VPeatures-Operating Temperature20°C ~ 75°CPackage / Case24-SOIC (0.209", 5.30mm Width)Supplier Device Package24-SOICMounting Type-Supplier Device Package24-SOICMounting Type-Supplier Device Package24-SOICMounting Type-	_			
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Package24-SOIC (0.209", 5.30mm Width)Series-Number of Bits8Sampling Rate (Per Second)20MNumber of Inputs1Input TypeSingle EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H: ADC1.1Number of A/D Converters1Reference TypeInternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VFeatures-Operating Temperature20°C ~ 75°CPackage / Case24-SOIC (0.209", 5.30mm Width)Supplier Device Package-Mounting Type-	Category	Integrated Circuits (ICs)		
Series-Number of Bits8Sampling Rate (Per Second)20MNumber of Inputs1Input TypeSingle EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureFlashReference TypeInternalVoltage - Supply, Digital5VFeatures-Operating Temperature20°C ~ 75°CPackage / Case24-SOI (0.209", 5.30mm Width)Supplier Device Package-Mounting Type-		Data Acquisition - Analog to Digital Converters (ADC)		
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Sampling Rate (Per Second)20MNumber of Inputs1Input TypeSingle EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1Number of A/D Converters1ArchitectureFlashReference TypeInternalVoltage - Supply, DigitalSVVoltage - Supply, Digital-Package / Case20°C ~ 75°CSupplier Device Package24-SOI ConvertionMounting Type-	Series	-		
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Input TypeSingle EndedData InterfaceParallelConfigurationS/H-ADCRatio - S/H:ADC1.1Number of A/D Converters1ArchitectureFlashReference TypeInternalVoltage - Supply, AnalogSVVoltage - Supply, Digital-Peatures-Operating Temperature20°C ~ 75°CPackage / Case24-SOIC (0.209", 5.30mm Width)Munting Type-	Sampling Rate (Per Second)	20M		
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ConfigurationS/H-ADCRatio - S/H:ADC1:1Number of A/D Converters1ArchitectureFashReference TypeInternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VPeatures-Operating Temperature20°C ~ 75°CPackage / Case24-SOIC (0.209", 5.30mm Width)Supplier Device Package-Mounting Type-	Input Type	Single Ended		
Ratio - S/H:ADC1:1Number of A/D Converters1ArchitectureFlashReference TypeInternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VFeatures-Operating Temperature20°C ~ 75°CPackage / Case24-SOIC (0.209", 5.30mm Width)Supplier Device Package-Mounting Type-	Data Interface	Parallel		
Number of A/D Converters1ArchitectureFlashReference TypeInternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VFeatures-Operating Temperature20°C ~ 75°CPackage / Case24-SOIC (0.209", 5.30mm Width)Supplier Device Package-Mounting Type-	Configuration	S/H-ADC		
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Voltage - Supply, Analog5VVoltage - Supply, Digital5VFeatures-Operating Temperature20°C ~ 75°CPackage / Case24-SOIC (0.209", 5.30mm Width)Supplier Device Package24-SOMounting Type-	Architecture	Flash		
Voltage - Supply, Digital5VFeatures-Operating Temperature20°C ~ 75°CPackage / Case24-SOIC (0.209", 5.30mm Width)Supplier Device Package24-SOMounting Type-	Reference Type	Internal		
Features-Operating Temperature20°C ~ 75°CPackage / Case24-SOIC (0.209", 5.30mm Width)Supplier Device Package24-SOMounting Type-	Voltage - Supply, Analog	5V		
Operating Temperature20°C ~ 75°CPackage / Case24-SOIC (0.209", 5.30mm Width)Supplier Device Package24-SOMounting Type-	Voltage - Supply, Digital	5V		
Package / Case24-SOIC (0.209", 5.30mm Width)Supplier Device Package24-SOMounting Type-	Features	-		
Supplier Device Package24-SOMounting Type-	Operating Temperature	20°C ~ 75°C		
Mounting Type -	Package / Case	24-SOIC (0.209", 5.30mm Width)		
	Supplier Device Package	24-SO		
Report errors?	Mounting Type	-		
		Report errors?		

#### **TLC5510INSG4 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**

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

## **TLC5510INSG4 Payment Methods**





If you have any question about TLC5510INSG4, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com