



THS1209IDA Information



For Reference Only

Part Number THS1209IDA

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Data Acquisition - Analog to Digital Converters

(ADC)

Description IC 12 BIT QUAD ADC FIFO 32-TSSOP **Package** 32-TSSOP (0.240", 6.10mm Width)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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.









THS1209IDA Specifications

Manufacturer Part Number Manufacturer Category Integrated Circuits (ICs) Data Acquisition - Analog to Digital Converters (ADC) Package 32-TSSOP (0.240", 6.10mm Width) Series - Number of Bits 12 Sampling Rate (Per Second) Number of Inputs 1, 2 Input Type Differential, Single Ended Data Interface Parallel Configuration S/H-MUX-ADC Ratio - S/H:ADC 2:1 Number of A/D Converters 1 Architecture Pipelined Reference Type External, Internal Voltage - Supply, Analog Voltage - Supply, Digital 5V Voltage - Supply, Digital 5V Features Simultaneous Sampling Operating Temperature -40°C ~ 85°C Package / Case 32-TSSOP (0.240", 6.10mm Width) Synthias Davice Package 32 TSSOP		
Category Integrated Circuits (ICs) Data Acquisition - Analog to Digital Converters (ADC) Package 32-TSSOP (0.240", 6.10mm Width) Series - Number of Bits 12 Sampling Rate (Per Second) 8M Number of Inputs 1, 2 Input Type Differential, Single Ended Data Interface Parallel Configuration S/H-MUX-ADC Ratio - S/H:ADC 2:1 Number of A/D Converters 1 Architecture Pipelined Reference Type External, Internal Voltage - Supply, Analog 5V Voltage - Supply, Digital 5V Features Simultaneous Sampling Operating Temperature -40°C ~ 85°C Package / Case 32-TSSOP (0.240", 6.10mm Width)	Manufacturer Part Number	THS1209IDA
Package32-TSSOP (0.240", 6.10mm Width)Series-Number of Bits12Sampling Rate (Per Second)8MNumber of Inputs1, 2Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-MUX-ADCRatio - S/H:ADC2:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VFeaturesSimultaneous SamplingOperating Temperature-40°C ~ 85°CPackage / Case32-TSSOP (0.240", 6.10mm Width)	Manufacturer	Texas Instruments
Package 32-TSSOP (0.240", 6.10mm Width) Series - Number of Bits 12 Sampling Rate (Per Second) 8M Number of Inputs 1, 2 Input Type Differential, Single Ended Data Interface Parallel Configuration S/H-MUX-ADC Ratio - S/H:ADC 2:1 Number of A/D Converters 1 Architecture Pipelined Reference Type External, Internal Voltage - Supply, Analog 5V Voltage - Supply, Digital 5V Features Simultaneous Sampling Operating Temperature -40°C ~ 85°C Package / Case 32-TSSOP (0.240", 6.10mm Width)	Category	Integrated Circuits (ICs)
Series - Number of Bits 12 Sampling Rate (Per Second) 8M Number of Inputs 1, 2 Input Type Differential, Single Ended Data Interface Parallel Configuration S/H-MUX-ADC Ratio - S/H:ADC 2:1 Number of A/D Converters 1 Architecture Pipelined Reference Type External, Internal Voltage - Supply, Analog 5V Voltage - Supply, Digital 5V Features Simultaneous Sampling Operating Temperature -40°C ~ 85°C Package / Case 32-TSSOP (0.240", 6.10mm Width)		Data Acquisition - Analog to Digital Converters (ADC)
Number of Bits12Sampling Rate (Per Second)8MNumber of Inputs1, 2Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-MUX-ADCRatio - S/H:ADC2:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VFeaturesSimultaneous SamplingOperating Temperature-40°C ~ 85°CPackage / Case32-TSSOP (0.240", 6.10mm Width)	Package	32-TSSOP (0.240", 6.10mm Width)
Sampling Rate (Per Second)8MNumber of Inputs1, 2Input TypeDifferential, Single EndedData InterfaceParallelConfigurationS/H-MUX-ADCRatio - S/H:ADC2:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VFeaturesSimultaneous SamplingOperating Temperature-40°C ~ 85°CPackage / Case32-TSSOP (0.240", 6.10mm Width)	Series	-
Number of Inputs Input Type Differential, Single Ended Data Interface Parallel Configuration S/H-MUX-ADC Ratio - S/H:ADC 2:1 Number of A/D Converters 1 Architecture Pipelined Reference Type External, Internal Voltage - Supply, Analog Voltage - Supply, Digital Features Simultaneous Sampling Operating Temperature Package / Case 32-TSSOP (0.240", 6.10mm Width)	Number of Bits	12
Input Type Differential, Single Ended Data Interface Parallel Configuration S/H-MUX-ADC Ratio - S/H:ADC 2:1 Number of A/D Converters 1 Architecture Pipelined Reference Type External, Internal Voltage - Supply, Analog 5V Voltage - Supply, Digital 5V Features Simultaneous Sampling Operating Temperature -40°C ~ 85°C Package / Case 32-TSSOP (0.240", 6.10mm Width)	Sampling Rate (Per Second)	8M
Data Interface Parallel Configuration S/H-MUX-ADC Ratio - S/H:ADC 2:1 Number of A/D Converters 1 Architecture Pipelined Reference Type External, Internal Voltage - Supply, Analog 5V Voltage - Supply, Digital 5V Features Simultaneous Sampling Operating Temperature -40°C ~ 85°C Package / Case 32-TSSOP (0.240", 6.10mm Width)	Number of Inputs	1, 2
Configuration S/H-MUX-ADC Ratio - S/H:ADC 2:1 Number of A/D Converters 1 Architecture Pipelined Reference Type External, Internal Voltage - Supply, Analog 5V Voltage - Supply, Digital 5V Features Simultaneous Sampling Operating Temperature -40°C ~ 85°C Package / Case 32-TSSOP (0.240", 6.10mm Width)	Input Type	Differential, Single Ended
Ratio - S/H:ADC2:1Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VFeaturesSimultaneous SamplingOperating Temperature-40°C ~ 85°CPackage / Case32-TSSOP (0.240", 6.10mm Width)	Data Interface	Parallel
Number of A/D Converters1ArchitecturePipelinedReference TypeExternal, InternalVoltage - Supply, Analog5VVoltage - Supply, Digital5VFeaturesSimultaneous SamplingOperating Temperature-40°C ~ 85°CPackage / Case32-TSSOP (0.240", 6.10mm Width)	Configuration	S/H-MUX-ADC
Architecture Pipelined Reference Type External, Internal Voltage - Supply, Analog 5V Voltage - Supply, Digital 5V Features Simultaneous Sampling Operating Temperature -40°C ~ 85°C Package / Case 32-TSSOP (0.240", 6.10mm Width)	Ratio - S/H:ADC	2:1
Reference Type External, Internal Voltage - Supply, Analog 5V Voltage - Supply, Digital 5V Features Simultaneous Sampling Operating Temperature -40°C ~ 85°C Package / Case 32-TSSOP (0.240", 6.10mm Width)	Number of A/D Converters	1
Voltage - Supply, Analog Voltage - Supply, Digital 5V Features Simultaneous Sampling Operating Temperature -40°C ~ 85°C Package / Case 32-TSSOP (0.240", 6.10mm Width)	Architecture	Pipelined
Voltage - Supply, Digital 5V Features	Reference Type	External, Internal
Features Simultaneous Sampling Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case 32-TSSOP (0.240", 6.10mm Width)	Voltage - Supply, Analog	5V
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case 32-TSSOP (0.240", 6.10mm Width)	Voltage - Supply, Digital	5V
Package / Case 32-TSSOP (0.240", 6.10mm Width)	Features	Simultaneous Sampling
	Operating Temperature	-40°C ~ 85°C
Supplier Davice Package 32 TSSOP	Package / Case	32-TSSOP (0.240", 6.10mm Width)
Supplied Device Lackage 32-155OF	Supplier Device Package	32-TSSOP
Mounting Type -	Mounting Type	
Report errors?		Report errors?

THS1209IDA 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.

THS1209IDA Payment Methods



















THS1209IDA Shipping Methods













If you have any question about THS1209IDA, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com