



AD7228LN Information



For Reference Only

Part Number AD7228LN

Manufacturer Analog Devices Inc.

Category Integrated Circuits (ICs)

Data Acquisition - Digital to Analog Converters

(DAC)

Description IC DAC 8BIT OCTAL W/AMP 24-DIP

Package 24-DIP (0.300", 7.62mm)

For the pricing/inventory/lead time, please contact

us

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



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AD7228LN Specifications

Manufacturer Part Number AD7228LN Manufacturer Analog Devices Inc. Category Integrated Circuits (ICs) Package 24-DIP (0.300", 7.62mm) Series - Number of Bits 8 Number of D/A Converters 8 Settling Time 5μs, 7μs Output Type Voltage - Buffered Differential Output No Data Interface Parallel Reference Type External Voltage - Supply, Analog 10.8 V ~ 16.5 V, -5V Voltage - Supply, Digital 13.5 V ~ 16.5 V INL/DNL (LSB) ±0.5 (Max), ±1 (Max) Architecture R-2R Operating Temperature -40°C ~ 85°C Package / Case 24-DIP (0.300", 7.62mm) Supplier Device Package 24-PDIP Mounting Type -		
Category Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC) Package 24-DIP (0.300", 7.62mm) Series - Number of Bits 8 Number of D/A Converters 8 Settling Time 5μs, 7μs Output Type Voltage - Buffered Differential Output No Data Interface Parallel Reference Type External Voltage - Supply, Analog 10.8 V ~ 16.5 V, -5V Voltage - Supply, Digital 13.5 V ~ 16.5 V INL/DNL (LSB) ±0.5 (Max), ±1 (Max) Architecture R-2R Operating Temperature -40°C ~ 85°C Package / Case 24-DIP (0.300", 7.62mm) Supplier Device Package 24-PDIP Mounting Type -	Manufacturer Part Number	AD7228LN
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Package24-DIP (0.300", 7.62mm)Series-Number of Bits8Number of D/A Converters8Settling Time $5\mu s$, $7\mu s$ Output TypeVoltage - BufferedDifferential OutputNoData InterfaceParallelReference TypeExternalVoltage - Supply, Analog $10.8 \text{ V} \sim 16.5 \text{ V}$, -5 V Voltage - Supply, Digital $13.5 \text{ V} \sim 16.5 \text{ V}$ INL/DNL (LSB) $\pm 0.5 \text{ (Max)}$, $\pm 1 \text{ (Max)}$ ArchitectureR-2ROperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case24-DIP (0.300", 7.62mm)Supplier Device Package24-PDIPMounting Type-	Category	Integrated Circuits (ICs)
Series - Number of Bits 8 Number of D/A Converters 8 Settling Time 5μs, 7μs Output Type Voltage - Buffered Differential Output No Data Interface Parallel Reference Type External Voltage - Supply, Analog 10.8 V ~ 16.5 V, -5V Voltage - Supply, Digital 13.5 V ~ 16.5 V INL/DNL (LSB) ±0.5 (Max), ±1 (Max) Architecture R-2R Operating Temperature -40°C ~ 85°C Package / Case 24-DIP (0.300", 7.62mm) Supplier Device Package 24-PDIP Mounting Type -		Data Acquisition - Digital to Analog Converters (DAC)
Number of Bits 8 Number of D/A Converters 8 Settling Time 5 μ 8, μ 8 Output Type Voltage - Buffered Differential Output No Data Interface Parallel Reference Type External Voltage - Supply, Analog 10.8 V ~ 16.5 V, -5V Voltage - Supply, Digital 13.5 V ~ 16.5 V INL/DNL (LSB) μ 9.5 (Max), μ 1 (Max) Architecture R-2R Operating Temperature μ 9.0 C ~ 85°C Package / Case 24-DIP (0.300", 7.62mm) Supplier Device Package μ 9.0 Simple Supplementation of the sup	Package	24-DIP (0.300", 7.62mm)
Number of D/A Converters8Settling Time $5\mu s$, $7\mu s$ Output TypeVoltage - BufferedDifferential OutputNoData InterfaceParallelReference TypeExternalVoltage - Supply, Analog $10.8 \text{ V} \sim 16.5 \text{ V}$, -5V Voltage - Supply, Digital $13.5 \text{ V} \sim 16.5 \text{ V}$ INL/DNL (LSB) $\pm 0.5 \text{ (Max)}$, $\pm 1 \text{ (Max)}$ ArchitectureR-2ROperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case 24 -DIP $(0.300^{\circ}, 7.62\text{mm})$ Supplier Device Package 24 -PDIPMounting Type-	Series	-
Settling Time $5\mu s, 7\mu s$ Output Type $Voltage - Buffered$ Differential Output No Data Interface $Parallel$ Reference Type $External$ Voltage - Supply, Analog $10.8 \ V \sim 16.5 \ V, -5V$ Voltage - Supply, Digital $13.5 \ V \sim 16.5 \ V$ INL/DNL (LSB) $\pm 0.5 \ (Max), \pm 1 \ (Max)$ Architecture $R-2R$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Package / Case 24 -DIP $(0.300^{\circ}, 7.62 mm)$ Supplier Device Package $40^{\circ}C \sim 85^{\circ}C$ Mounting Type $-40^{\circ}C \sim 85^{\circ}C$	Number of Bits	8
Output TypeVoltage - BufferedDifferential OutputNoData InterfaceParallelReference TypeExternalVoltage - Supply, Analog $10.8 \text{ V} \sim 16.5 \text{ V}, -5 \text{V}$ Voltage - Supply, Digital $13.5 \text{ V} \sim 16.5 \text{ V}$ INL/DNL (LSB) $\pm 0.5 \text{ (Max)}, \pm 1 \text{ (Max)}$ ArchitectureR-2ROperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $24\text{-DIP} (0.300^{\circ}, 7.62 \text{mm})$ Supplier Device Package 24-PDIP Mounting Type-	Number of D/A Converters	8
Differential Output Data Interface Parallel Reference Type External Voltage - Supply, Analog 10.8 V ~ 16.5 V, -5V Voltage - Supply, Digital 13.5 V ~ 16.5 V INL/DNL (LSB) 40.5 (Max), ±1 (Max) Architecture R-2R Operating Temperature -40°C ~ 85°C Package / Case 24-DIP (0.300", 7.62mm) Supplier Device Package Mounting Type -	Settling Time	5μs, 7μs
Data InterfaceParallelReference TypeExternalVoltage - Supply, Analog $10.8 \text{ V} \sim 16.5 \text{ V}$, -5VVoltage - Supply, Digital $13.5 \text{ V} \sim 16.5 \text{ V}$ INL/DNL (LSB) $\pm 0.5 \text{ (Max)}, \pm 1 \text{ (Max)}$ ArchitectureR-2ROperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $24\text{-DIP} (0.300^{\circ}, 7.62\text{mm})$ Supplier Device Package 24-PDIP Mounting Type-	Output Type	Voltage - Buffered
Reference TypeExternalVoltage - Supply, Analog $10.8 \text{ V} \sim 16.5 \text{ V}$, -5VVoltage - Supply, Digital $13.5 \text{ V} \sim 16.5 \text{ V}$ INL/DNL (LSB) $\pm 0.5 \text{ (Max)}, \pm 1 \text{ (Max)}$ Architecture $R-2R$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $24-\text{DIP} (0.300^{\circ}, 7.62\text{mm})$ Supplier Device Package $24-\text{PDIP}$ Mounting Type-	Differential Output	No
Voltage - Supply, Analog $10.8 \text{ V} \sim 16.5 \text{ V}$, -5VVoltage - Supply, Digital $13.5 \text{ V} \sim 16.5 \text{ V}$ INL/DNL (LSB) $\pm 0.5 \text{ (Max)}, \pm 1 \text{ (Max)}$ ArchitectureR-2ROperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $24\text{-DIP }(0.300\text{", }7.62\text{mm})$ Supplier Device Package 24-PDIP Mounting Type-	Data Interface	Parallel
Voltage - Supply, Digital $13.5 \text{ V} \sim 16.5 \text{ V}$ $INL/DNL (LSB) \qquad \pm 0.5 \text{ (Max)}, \pm 1 \text{ (Max)}$ Architecture $R-2R$ $Operating Temperature \qquad -40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ $Package / Case \qquad 24-DIP (0.300'', 7.62mm)$ $Supplier Device Package \qquad 24-PDIP$ $Mounting Type \qquad -$	Reference Type	External
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Voltage - Supply, Analog	10.8 V ~ 16.5 V, -5V
Architecture R-2R Operating Temperature -40°C ~ 85°C Package / Case 24-DIP (0.300", 7.62mm) Supplier Device Package 24-PDIP Mounting Type -	Voltage - Supply, Digital	13.5 V ~ 16.5 V
Operating Temperature -40°C ~ 85°C Package / Case 24-DIP (0.300", 7.62mm) Supplier Device Package 24-PDIP Mounting Type -	INL/DNL (LSB)	$\pm 0.5 (Max), \pm 1 (Max)$
Package / Case 24-DIP (0.300", 7.62mm) Supplier Device Package 24-PDIP Mounting Type -	Architecture	R-2R
Supplier Device Package 24-PDIP Mounting Type -	Operating Temperature	-40°C ~ 85°C
Mounting Type -	Package / Case	24-DIP (0.300", 7.62mm)
	Supplier Device Package	24-PDIP
Report errors?	Mounting Type	-
		Report errors?

AD7228LN 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.

AD7228LN Payment Methods





















AD7228LN Shipping Methods













If you have any question about AD7228LN, please do not hesitate to contact us!

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