



AD7247JNZ Information



For Reference Only

Part Number AD7247JNZ

Manufacturer Analog Devices Inc.

Category Integrated Circuits (ICs)

Data Acquisition - Digital to Analog Converters

(DAC)

Description IC DAC 12BIT W/AMP W/BUFF 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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AD7247JNZ Specifications

Manufacturer Part Number AD7247JNZ Manufacturer Analog Devices Inc. Category Integrated Circuits (ICs) Package 24-DIP (0.300", 7.62mm) Series DACPORT? Number of Bits 12 Number of D/A Converters 2 Settling Time 10µs Output Type Voltage - Buffered Differential Output No Data Interface Parallel Reference Type External, Internal Voltage - Supply, Analog ±15V Voltage - Supply, Digital 15V NL/DNL (LSB) ±1 (Max), ±0.9 (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 DACPORT? Number of Bits 12 Number of D/A Converters 2 Settling Time 10μs Output Type Voltage - Buffered Differential Output No Data Interface Parallel Reference Type External, Internal Voltage - Supply, Analog ±15V Voltage - Supply, Digital 15V INL/DNL (LSB) ±1 (Max), ±0.9 (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	AD7247JNZ
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SeriesDACPORT?Number of Bits12Number of D/A Converters2Settling Time10μsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Analog±15VVoltage - Supply, Digital15VINL/DNL (LSB)±1 (Max), ±0.9 (Max)ArchitectureR-2ROperating Temperature-40°C ~ 85°CPackage / Case24-DIP (0.300", 7.62mm)Supplier Device Package24-PDIPMounting Type-		Data Acquisition - Digital to Analog Converters (DAC)
Number of Bits 12 Number of D/A Converters 2 Settling Time 10µs Output Type Voltage - Buffered Differential Output No Data Interface Parallel Reference Type External, Internal Voltage - Supply, Analog Voltage - Supply, Digital 15V INL/DNL (LSB) 41 (Max), ±0.9 (Max) Architecture R-2R Operating Temperature -40°C ~ 85°C Package / Case 24-DIP (0.300", 7.62mm) Supplier Device Package Mounting Type - 10µs 2 Logal Converted 10µs 10µs	Package	24-DIP (0.300", 7.62mm)
Number of D/A Converters2Settling Time10μsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Analog±15VVoltage - Supply, Digital15VINL/DNL (LSB)±1 (Max), ±0.9 (Max)ArchitectureR-2ROperating Temperature-40°C ~ 85°CPackage / Case24-DIP (0.300", 7.62mm)Supplier Device Package24-PDIPMounting Type-	Series	DACPORT?
Settling Time 10µs Output Type Voltage - Buffered Differential Output No Data Interface Parallel Reference Type External, Internal Voltage - Supply, Analog ±15V Voltage - Supply, Digital 15V INL/DNL (LSB) ±1 (Max), ±0.9 (Max) Architecture R-2R Operating Temperature -40°C ~ 85°C Package / Case 24-DIP (0.300", 7.62mm) Supplier Device Package Mounting Type -	Number of Bits	12
Output TypeVoltage - BufferedDifferential OutputNoData InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Analog±15VVoltage - Supply, Digital15VINL/DNL (LSB)±1 (Max), ±0.9 (Max)ArchitectureR-2ROperating Temperature-40°C ~ 85°CPackage / Case24-DIP (0.300", 7.62mm)Supplier Device Package24-PDIPMounting Type-	Number of D/A Converters	2
Differential Output Data Interface Parallel Reference Type External, Internal Voltage - Supply, Analog Voltage - Supply, Digital INL/DNL (LSB) Architecture R-2R Operating Temperature -40°C ~ 85°C Package / Case 24-DIP (0.300", 7.62mm) Supplier Device Package Mounting Type - No External, Internal ±15V (Max) ±15V (Max) +15V (Max) +20.9 (Max) -40°C ~ 85°C 24-DIP (0.300", 7.62mm)	Settling Time	10μs
Data Interface Parallel Reference Type External, Internal Voltage - Supply, Analog ±15V Voltage - Supply, Digital 15V INL/DNL (LSB) ±1 (Max), ±0.9 (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 -	Output Type	Voltage - Buffered
Reference Type External, Internal Voltage - Supply, Analog Voltage - Supply, Digital 15V INL/DNL (LSB) 41 (Max), ±0.9 (Max) Architecture R-2R Operating Temperature -40°C ~ 85°C Package / Case 24-DIP (0.300", 7.62mm) Supplier Device Package Mounting Type -	Differential Output	No
Voltage - Supply, Analog Voltage - Supply, Digital 15V INL/DNL (LSB) Architecture R-2R Operating Temperature -40°C ~ 85°C Package / Case 24-DIP (0.300", 7.62mm) Supplier Device Package Mounting Type -	Data Interface	Parallel
Voltage - Supply, Digital $15V$ INL/DNL (LSB) $\pm 1 \text{ (Max)}, \pm 0.9 \text{ (Max)}$ ArchitectureR-2ROperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $24\text{-DIP (0.300", 7.62mm)}$ Supplier Device Package 24-PDIP Mounting Type-	Reference Type	External, Internal
$\begin{array}{lll} INL/DNL \ (LSB) & \pm 1 \ (Max), \pm 0.9 \ (Max) \\ \\ Architecture & R-2R \\ \\ Operating \ Temperature & -40^{\circ}C \sim 85^{\circ}C \\ \\ Package \ / \ Case & 24-DIP \ (0.300'', 7.62mm) \\ \\ Supplier \ Device \ Package & 24-PDIP \\ \\ Mounting \ Type & - \end{array}$	Voltage - Supply, Analog	±15V
Architecture R-2R Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case 24-DIP (0.300", 7.62mm) Supplier Device Package 24-PDIP Mounting Type -	Voltage - Supply, Digital	15V
Operating Temperature -40°C ~ 85°C Package / Case 24-DIP (0.300", 7.62mm) Supplier Device Package 24-PDIP Mounting Type -	INL/DNL (LSB)	$\pm 1 \text{ (Max)}, \pm 0.9 \text{ (Max)}$
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	-
<u>.</u>		Report errors?

AD7247JNZ 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.

AD7247JNZ Payment Methods



















AD7247JNZ Shipping Methods













If you have any question about AD7247JNZ, please do not hesitate to contact us!

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