



AD7245AAR Information



For Reference Only

Part Number AD7245AAR

Manufacturer Analog Devices Inc.

Category Integrated Circuits (ICs)

Data Acquisition - Digital to Analog Converters

(DAC)

Description IC DAC 12BIT W/REF 24-SOIC **Package** 24-SOIC (0.295", 7.50mm Width)

For the pricing/inventory/lead time, please contact

us

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



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AD7245AAR Specifications

Manufacturer Part Number AD7245AAR Manufacturer Analog Devices Inc. Category Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC) Package 24-SOIC (0.295", 7.50mm Width) Series DACPORT? Number of Bits 12 Number of D/A Converters 1 Settling Time 7µs Output Type Voltage - Buffered Differential Output No Data Interface Parallel Reference Type Internal Voltage - Supply, Analog ±10.8 V ~ 16.5 V Voltage - Supply, Digital 10.8 V ~ 16.5 V INL/DNL (LSB) ±1 (Max), ±1 (Max) Architecture R-2R Operating Temperature 40°C ~ 85°C Package / Case 24-SOIC (0.295", 7.50mm Width) Supplier Device Package 24-SOIC Mounting Type Report errors?		
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Number of Bits12Number of D/A Converters1Settling Time7μsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceParallelReference TypeInternalVoltage - Supply, Analog±10.8 V ~ 16.5 VVoltage - Supply, Digital10.8 V ~ 16.5 VINL/DNL (LSB)±1 (Max), ±1 (Max)ArchitectureR-2ROperating Temperature-40°C ~ 85°CPackage / Case24-SOIC (0.295", 7.50mm Width)Supplier Device Package24-SOICMounting Type-	Package	24-SOIC (0.295", 7.50mm Width)
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Differential Output Data Interface Parallel Reference Type Internal Voltage - Supply, Analog Voltage - Supply, Digital INL/DNL (LSB) Architecture Operating Temperature Package / Case 24-SOIC (0.295", 7.50mm Width) Supplier Device Package Mounting Type No Internal 10.8 V ~ 16.5 V 10.8 V ~ 16.5 V Internal 10.8 V ~ 16.5 V Internal 10.8 V ~ 16.5 V 10.8 V ~ 16.	Settling Time	7μs
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Reference TypeInternalVoltage - Supply, Analog $\pm 10.8 \text{ V} \sim 16.5 \text{ V}$ Voltage - Supply, Digital $10.8 \text{ V} \sim 16.5 \text{ V}$ INL/DNL (LSB) $\pm 1 \text{ (Max)}, \pm 1 \text{ (Max)}$ ArchitectureR-2ROperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $24\text{-SOIC (0.295", 7.50mm Width)}$ Supplier Device Package 24-SOIC Mounting Type-	Differential Output	No
Voltage - Supply, Analog $\pm 10.8 \text{ V} \sim 16.5 \text{ V}$ Voltage - Supply, Digital $10.8 \text{ V} \sim 16.5 \text{ V}$ INL/DNL (LSB) $\pm 1 \text{ (Max)}, \pm 1 \text{ (Max)}$ ArchitectureR-2ROperating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $24\text{-SOIC} \text{ (0.295", 7.50mm Width)}$ Supplier Device Package 24-SOIC Mounting Type-	Data Interface	Parallel
Voltage - Supply, Digital $10.8 \text{ V} \sim 16.5 \text{ V}$ $INL/DNL \text{ (LSB)} \qquad \pm 1 \text{ (Max)}, \pm 1 \text{ (Max)}$ $Architecture \qquad R-2R$ $Operating Temperature \qquad -40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ $Package / Case \qquad 24-SOIC \text{ (0.295", 7.50mm Width)}$ $Supplier Device Package \qquad 24-SOIC \qquad -$ $Mounting Type \qquad -$	Reference Type	Internal
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Operating Temperature -40°C ~ 85°C Package / Case 24-SOIC (0.295", 7.50mm Width) Supplier Device Package 24-SOIC Mounting Type -	INL/DNL (LSB)	± 1 (Max), ± 1 (Max)
Package / Case 24-SOIC (0.295", 7.50mm Width) Supplier Device Package 24-SOIC Mounting Type -	Architecture	R-2R
Supplier Device Package 24-SOIC Mounting Type -	Operating Temperature	-40°C ~ 85°C
Mounting Type -	Package / Case	24-SOIC (0.295", 7.50mm Width)
	Supplier Device Package	24-SOIC
Report errors?	Mounting Type	-
Topon on one		Report errors?

AD7245AAR 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.

AD7245AAR Payment Methods



















AD7245AAR Shipping Methods













If you have any question about AD7245AAR, please do not hesitate to contact us!

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