



DAC712P Information



For Reference Only

Part Number DAC712P

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Data Acquisition - Digital to Analog Converters

(DAC)

Description IC 16 BIT D/A CONV. 28 DIP .3"

Package 28-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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DAC712P Specifications

Manufacturer Part Number DAC712P Manufacturer Texas Instruments Category Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC) Package 28-DIP (0.300", 7.62mm) Series - Number of Bits 16 Number of D/A Converters 1 Settling Time 6µs (Typ) Output Type Voltage - Buffered Differential Output No Data Interface Parallel Reference Type Internal Voltage - Supply, Analog ±11.4 V ~ 16.5 V Voltage - Supply, Digital - INL/DNL (LSB) ±8 (Max), ±8 (Max) Architecture R-2R Operating Temperature -40°C ~ 85°C Package / Case 28-DIP (0.300", 7.62mm) Supplier Device Package 28-PDIP Mounting Type -		
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Series - Number of Bits 16 Number of D/A Converters 1 Settling Time 6µs (Typ) Output Type Voltage - Buffered Differential Output No Data Interface Parallel Reference Type Internal Voltage - Supply, Analog ±11.4 V ~ 16.5 V Voltage - Supply, Digital - INL/DNL (LSB) ±8 (Max), ±8 (Max) Architecture R-2R Operating Temperature -40°C ~ 85°C Package / Case 28-DIP (0.300", 7.62mm) Supplier Device Package 28-PDIP Mounting Type -		Data Acquisition - Digital to Analog Converters (DAC)
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Settling Time6μs (Typ)Output TypeVoltage - BufferedDifferential OutputNoData InterfaceParallelReference TypeInternalVoltage - Supply, Analog±11.4 V ~ 16.5 VVoltage - Supply, Digital-INL/DNL (LSB)±8 (Max), ±8 (Max)ArchitectureR-2ROperating Temperature-40°C ~ 85°CPackage / Case28-DIP (0.300", 7.62mm)Supplier Device Package28-PDIPMounting Type-	Number of Bits	16
Output Type Voltage - Buffered Differential Output No Data Interface Parallel Reference Type Internal Voltage - Supply, Analog ±11.4 V ~ 16.5 V Voltage - Supply, Digital - INL/DNL (LSB) ±8 (Max), ±8 (Max) Architecture R-2R Operating Temperature -40°C ~ 85°C Package / Case 28-DIP (0.300", 7.62mm) Supplier Device Package 28-PDIP Mounting Type -	Number of D/A Converters	1
Differential Output Data Interface Reference Type Internal Voltage - Supply, Analog Voltage - Supply, Digital - INL/DNL (LSB) Architecture R-2R Operating Temperature -40°C ~ 85°C Package / Case 28-DIP (0.300", 7.62mm) Supplier Device Package Mounting Type - No Internal -11.4 V ~ 16.5 V -11.4 V ~ 1	Settling Time	бµѕ (Тур)
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Reference Type Internal Voltage - Supply, Analog ±11.4 V ~ 16.5 V Voltage - Supply, Digital - INL/DNL (LSB) ±8 (Max), ±8 (Max) Architecture R-2R Operating Temperature -40°C ~ 85°C Package / Case 28-DIP (0.300", 7.62mm) Supplier Device Package Mounting Type -	Differential Output	No
Voltage - Supply, Analog $\pm 11.4 \text{ V} \sim 16.5 \text{ V}$ Voltage - Supply, Digital - INL/DNL (LSB) $\pm 8 \text{ (Max)}, \pm 8 \text{ (Max)}$ Architecture R-2R Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case 28-DIP (0.300", 7.62mm) Supplier Device Package 28-PDIP Mounting Type -	Data Interface	Parallel
Voltage - Supply, Digital- INL/DNL (LSB) ± 8 (Max), ± 8 (Max)Architecture $R-2R$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Package / Case $28-DIP$ (0.300° , $7.62mm$)Supplier Device Package $28-PDIP$ Mounting Type-	Reference Type	Internal
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Operating Temperature -40°C ~ 85°C Package / Case 28-DIP (0.300", 7.62mm) Supplier Device Package 28-PDIP Mounting Type -	INL/DNL (LSB)	± 8 (Max), ± 8 (Max)
Package / Case 28-DIP (0.300", 7.62mm) Supplier Device Package 28-PDIP Mounting Type -	Architecture	R-2R
Supplier Device Package 28-PDIP Mounting Type -	Operating Temperature	-40°C ~ 85°C
Mounting Type -	Package / Case	28-DIP (0.300", 7.62mm)
	Supplier Device Package	28-PDIP
	Mounting Type	-
Report errors?		Report errors?

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Quality Guarantees

We provide 90 days warranty. *

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Service Guarantees

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DAC712P Shipping Methods













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