



AD7845JP Information



For Reference Only

Part Number AD7845JP

Manufacturer Analog Devices Inc.

Category Integrated Circuits (ICs)

Data Acquisition - Digital to Analog Converters

(DAC)

Description IC DAC 12BIT MULT LC2MOS 28-PLCC

Package 28-LCC (J-Lead)

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.









AD7845JP Specifications

Manufacturer Part Number Analog Devices Inc. Category Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC) Package 28-LCC (J-Lead) Series - Number of Bits 12 Number of D/A Converters 1 Settling Time 5µs Output Type Voltage - Buffered Differential Output No Data Interface Reference Type External Voltage - Supply, Analog ±14.25 V ~ 15.75 V Voltage - Supply, Digital - INL/DNL (LSB) ±1 (Max), ±1 (Max) Architecture R-2R Operating Temperature Package / Case 28-LCC (J-Lead) Paper aware 2		
Category Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC) Package 28-LCC (J-Lead) Series - Number of Bits 12 Number of D/A Converters 1 Settling Time 5µs Output Type Voltage - Buffered Differential Output No Data Interface Parallel Reference Type External Voltage - Supply, Analog ±14.25 V ~ 15.75 V Voltage - Supply, Digital - INL/DNL (LSB) ±1 (Max), ±1 (Max) Architecture R-2R Operating Temperature 0°C ~ 70°C Package / Case 28-LCC (J-Lead) Supplier Device Package 28-PLCC (11.51x11.51) Mounting Type -	Manufacturer Part Number	AD7845JP
Package28-LCC (J-Lead)Series-Number of Bits12Number of D/A Converters1Settling Time5μsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceParallelReference TypeExternalVoltage - Supply, Analog±14.25 V ~ 15.75 VVoltage - Supply, Digital-INL/DNL (LSB)±1 (Max), ±1 (Max)ArchitectureR-2ROperating Temperature0°C ~ 70°CPackage / Case28-LCC (J-Lead)Supplier Device Package28-PLCC (11.51x11.51)Mounting Type-	Manufacturer	Analog Devices Inc.
Package 28-LCC (J-Lead) Series - Number of Bits 12 Number of D/A Converters 1 Settling Time 5μs Output Type Voltage - Buffered Differential Output No Data Interface Parallel Reference Type External Voltage - Supply, Analog ±14.25 V ~ 15.75 V Voltage - Supply, Digital - INL/DNL (LSB) ±1 (Max), ±1 (Max) Architecture R-2R Operating Temperature 0°C ~ 70°C Package / Case 28-LCC (J-Lead) Supplier Device Package 28-PLCC (11.51x11.51) Mounting Type -	Category	Integrated Circuits (ICs)
Series-Number of Bits12Number of D/A Converters1Settling Time5μsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceParallelReference TypeExternalVoltage - Supply, Analog±14.25 V ~ 15.75 VVoltage - Supply, Digital-INL/DNL (LSB)±1 (Max), ±1 (Max)ArchitectureR-2ROperating Temperature0°C ~ 70°CPackage / Case28-LCC (J-Lead)Supplier Device Package28-PLCC (11.51x11.51)Mounting Type-		Data Acquisition - Digital to Analog Converters (DAC)
Number of Bits 12 Number of D/A Converters 1 Settling Time 5µs Output Type Voltage - Buffered Differential Output No Data Interface Parallel Reference Type External Voltage - Supply, Analog Voltage - Supply, Digital - INL/DNL (LSB) 41 (Max), ±1 (Max) Architecture R-2R Operating Temperature 0°C ~ 70°C Package / Case 28-LCC (J-Lead) Supplier Device Package Mounting Type -	Package	28-LCC (J-Lead)
Number of D/A Converters1Settling Time5μsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceParallelReference TypeExternalVoltage - Supply, Analog±14.25 V ~ 15.75 VVoltage - Supply, Digital-INL/DNL (LSB)±1 (Max), ±1 (Max)ArchitectureR-2ROperating Temperature0°C ~ 70°CPackage / Case28-LCC (J-Lead)Supplier Device Package28-PLCC (11.51x11.51)Mounting Type-	Series	-
Settling Time5μsOutput TypeVoltage - BufferedDifferential OutputNoData InterfaceParallelReference TypeExternalVoltage - Supply, Analog±14.25 V ~ 15.75 VVoltage - Supply, Digital-INL/DNL (LSB)±1 (Max), ±1 (Max)ArchitectureR-2ROperating Temperature0°C ~ 70°CPackage / Case28-LCC (J-Lead)Supplier Device Package28-PLCC (11.51x11.51)Mounting Type-	Number of Bits	12
Output Type Voltage - Buffered Differential Output No Data Interface Parallel Reference Type External Voltage - Supply, Analog ±14.25 V ~ 15.75 V Voltage - Supply, Digital - INL/DNL (LSB) ±1 (Max), ±1 (Max) Architecture R-2R Operating Temperature 0°C ~ 70°C Package / Case 28-LCC (J-Lead) Supplier Device Package 28-PLCC (11.51x11.51) Mounting Type -	Number of D/A Converters	1
Differential Output Data Interface Reference Type External Voltage - Supply, Analog Voltage - Supply, Digital - INL/DNL (LSB) Architecture Operating Temperature Operating Temperature Supplier Device Package 28-PLCC (J-Lead) Mounting Type No External L14.25 V ~ 15.75 V No L16.25 V ~ 15.75 V No L16.	Settling Time	5μs
Data Interface Parallel Reference Type External Voltage - Supply, Analog ±14.25 V ~ 15.75 V Voltage - Supply, Digital - INL/DNL (LSB) ±1 (Max), ±1 (Max) Architecture R-2R Operating Temperature 0°C ~ 70°C Package / Case 28-LCC (J-Lead) Supplier Device Package 28-PLCC (11.51x11.51) Mounting Type -	Output Type	Voltage - Buffered
Reference TypeExternalVoltage - Supply, Analog $\pm 14.25 \text{ V} \sim 15.75 \text{ V}$ Voltage - Supply, Digital-INL/DNL (LSB) $\pm 1 \text{ (Max)}, \pm 1 \text{ (Max)}$ ArchitectureR-2ROperating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Package / Case 28-LCC (J-Lead) Supplier Device Package $28\text{-PLCC (11.51x11.51)}$ Mounting Type-	Differential Output	No
Voltage - Supply, Analog $\pm 14.25 \text{ V} \sim 15.75 \text{ V}$ Voltage - Supply, Digital-INL/DNL (LSB) $\pm 1 \text{ (Max)}, \pm 1 \text{ (Max)}$ ArchitectureR-2ROperating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Package / Case 28-LCC (J-Lead) Supplier Device Package $28\text{-PLCC (11.51x11.51)}$ Mounting Type-	Data Interface	Parallel
Voltage - Supply, Digital- INL/DNL (LSB) ± 1 (Max), ± 1 (Max)Architecture $R-2R$ Operating Temperature $0^{\circ}C \sim 70^{\circ}C$ Package / Case $28-LCC$ (J-Lead)Supplier Device Package $28-PLCC$ (11.51x11.51)Mounting Type-	Reference Type	External
$\begin{array}{lll} INL/DNL\ (LSB) & \pm 1\ (Max), \pm 1\ (Max) \\ Architecture & R-2R \\ Operating\ Temperature & 0^{\circ}C \sim 70^{\circ}C \\ Package\ / Case & 28-LCC\ (J-Lead) \\ Supplier\ Device\ Package & 28-PLCC\ (11.51x11.51) \\ Mounting\ Type & - \end{array}$	Voltage - Supply, Analog	±14.25 V ~ 15.75 V
Architecture R-2R Operating Temperature 0°C ~ 70°C Package / Case 28-LCC (J-Lead) Supplier Device Package 28-PLCC (11.51x11.51) Mounting Type -	Voltage - Supply, Digital	-
Operating Temperature0°C ~ 70°CPackage / Case28-LCC (J-Lead)Supplier Device Package28-PLCC (11.51x11.51)Mounting Type-	INL/DNL (LSB)	± 1 (Max), ± 1 (Max)
Package / Case 28-LCC (J-Lead) Supplier Device Package 28-PLCC (11.51x11.51) Mounting Type -	Architecture	R-2R
Supplier Device Package 28-PLCC (11.51x11.51) Mounting Type -	Operating Temperature	0°C ~ 70°C
Mounting Type -	Package / Case	28-LCC (J-Lead)
	Supplier Device Package	28-PLCC (11.51x11.51)
Domont owners?	Mounting Type	-
Report errors?		Report errors?

AD7845JP 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.

AD7845JP Payment Methods





















AD7845JP Shipping Methods













If you have any question about AD7845JP, please do not hesitate to contact us!

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