



### **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



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# **Certified Quality**

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# **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 $28\text{-LCC (J-Lead)}$ 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 $28\text{-LCC (J-Lead)}$ Supplier Device Package $28\text{-PLCC (11.51x11.51)}$ Mounting Type-	Data Interface	Parallel
Voltage - Supply, Digital- $INL/DNL$ (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-	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)	$\pm 1$ (Max), $\pm 1$ (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**













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