



### **AD565AJD Information**



For Reference Only

Part Number AD565AJD

Manufacturer Analog Devices Inc.

Category Integrated Circuits (ICs)

Data Acquisition - Digital to Analog Converters

(DAC)

**Description** IC DAC 12BIT MONO HS 24-CDIP

**Package** 24-CDIP (0.600", 15.24mm)

For the pricing/inventory/lead time, please contact

us

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



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# **AD565AJD Specifications**

Manufacturer Part Number       AD565AJD         Manufacturer       Analog Devices Inc.         Category       Integrated Circuits (ICs)         Data Acquisition - Digital to Analog Converters (DAC)         Package       24-CDIP (0.600", 15.24mm)         Series       -         Number of Bits       12         Number of D/A Converters       1         Settling Time       400ns         Output Type       Current - Unbuffered         Differential Output       No         Data Interface       Parallel         Reference Type       External, Internal         Voltage - Supply, Analog       ±11.4 V ~ 16.5 V         Voltage - Supply, Digital       -         INL/DNL (LSB)       ±0.5, ±0.5         Architecture       R-2R         Operating Temperature       0°C ~ 70°C         Package (Conserting Temperature)       24 CDIR (0.600", 15 24mm)	•	
Category  Integrated Circuits (ICs)  Data Acquisition - Digital to Analog Converters (DAC)  Package  24-CDIP (0.600", 15.24mm)  Series  - Number of Bits  12  Number of D/A Converters  1  Settling Time  400ns  Output Type  Current - Unbuffered  Differential Output  No  Data Interface  Parallel  Reference Type  External, Internal  Voltage - Supply, Analog  ±11.4 V ~ 16.5 V  Voltage - Supply, Digital  - INL/DNL (LSB)  Architecture  R-2R  Operating Temperature	Manufacturer Part Number	AD565AJD
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Manufacturer	Analog Devices Inc.
Package $24$ -CDIP (0.600", 15.24mm)Series-Number of Bits $12$ Number of D/A Converters $1$ Settling Time $400$ nsOutput TypeCurrent - UnbufferedDifferential OutputNoData InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Analog $\pm 11.4 \text{ V} \sim 16.5 \text{ V}$ Voltage - Supply, Digital-INL/DNL (LSB) $\pm 0.5, \pm 0.5$ ArchitectureR-2ROperating Temperature $0^{\circ}$ C ~ $70^{\circ}$ C	Category	Integrated Circuits (ICs)
Series-Number of Bits12Number of D/A Converters1Settling Time $400ns$ Output TypeCurrent - UnbufferedDifferential OutputNoData InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Analog $\pm 11.4 \text{ V} \sim 16.5 \text{ V}$ Voltage - Supply, Digital-INL/DNL (LSB) $\pm 0.5, \pm 0.5$ ArchitectureR-2ROperating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$		Data Acquisition - Digital to Analog Converters (DAC)
Number of Bits  12  Number of D/A Converters  1  Settling Time  400ns  Output Type  Current - Unbuffered  Differential Output  No  Data Interface  Parallel  Reference Type  External, Internal  Voltage - Supply, Analog  ±11.4 V ~ 16.5 V  Voltage - Supply, Digital  INL/DNL (LSB)  ±0.5, ±0.5  Architecture  Operating Temperature  12  400ns  Lurent  Lur	Package	24-CDIP (0.600", 15.24mm)
Number of D/A Converters1Settling Time $400$ nsOutput TypeCurrent - UnbufferedDifferential OutputNoData InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Analog $\pm 11.4 \text{ V} \sim 16.5 \text{ V}$ Voltage - Supply, Digital-INL/DNL (LSB) $\pm 0.5, \pm 0.5$ ArchitectureR-2ROperating Temperature $0^{\circ}$ C ~ $70^{\circ}$ C	Series	-
Settling Time $400 \text{ns}$ Output TypeCurrent - UnbufferedDifferential OutputNoData InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Analog $\pm 11.4 \text{ V} \sim 16.5 \text{ V}$ Voltage - Supply, Digital-INL/DNL (LSB) $\pm 0.5, \pm 0.5$ ArchitectureR-2ROperating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$	Number of Bits	12
Output TypeCurrent - UnbufferedDifferential OutputNoData InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Analog $\pm 11.4 \text{ V} \sim 16.5 \text{ V}$ Voltage - Supply, Digital-INL/DNL (LSB) $\pm 0.5, \pm 0.5$ ArchitectureR-2ROperating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$	Number of D/A Converters	1
Differential OutputNoData InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Analog $\pm 11.4 \text{ V} \sim 16.5 \text{ V}$ Voltage - Supply, Digital-INL/DNL (LSB) $\pm 0.5, \pm 0.5$ ArchitectureR-2ROperating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$	Settling Time	400ns
Data InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Analog $\pm 11.4 \text{ V} \sim 16.5 \text{ V}$ Voltage - Supply, Digital-INL/DNL (LSB) $\pm 0.5, \pm 0.5$ ArchitectureR-2ROperating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$	Output Type	Current - Unbuffered
Reference TypeExternal, InternalVoltage - Supply, Analog $\pm 11.4 \text{ V} \sim 16.5 \text{ V}$ Voltage - Supply, Digital-INL/DNL (LSB) $\pm 0.5, \pm 0.5$ ArchitectureR-2ROperating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$	Differential Output	No
Voltage - Supply, Analog $\pm 11.4 \text{ V} \sim 16.5 \text{ V}$ Voltage - Supply, Digital -  INL/DNL (LSB) $\pm 0.5, \pm 0.5$ Architecture R-2R  Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$	Data Interface	Parallel
Voltage - Supply, Digital - INL/DNL (LSB) $\pm 0.5, \pm 0.5$ Architecture R-2R Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$	Reference Type	External, Internal
INL/DNL (LSB) $\pm 0.5, \pm 0.5$ ArchitectureR-2ROperating Temperature $0^{\circ}$ C ~ $70^{\circ}$ C	Voltage - Supply, Analog	±11.4 V ~ 16.5 V
Architecture R-2R Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$	Voltage - Supply, Digital	-
Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$	INL/DNL (LSB)	$\pm 0.5, \pm 0.5$
	Architecture	R-2R
Pagkaga / Cosa 24 CDIP (0.600" 15.24mm)	Operating Temperature	0°C ~ 70°C
rackage / Case 24-CDIP (0.000, 13.24IIIII)	Package / Case	24-CDIP (0.600", 15.24mm)
Supplier Device Package 24-CDIP Side Brazed	Supplier Device Package	24-CDIP Side Brazed
Mounting Type -	Mounting Type	-
Report errors		Report errors?

### **AD565AJD 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.

# **AD565AJD Payment Methods**



















### **AD565AJD Shipping Methods**













If you have any question about AD565AJD, please do not hesitate to contact us!

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