



AD565AJRZ Information



For Reference Only

Part Number AD565AJRZ

Manufacturer Analog Devices Inc.

Category Integrated Circuits (ICs)

Data Acquisition - Digital to Analog Converters

(DAC)

Description IC DAC 12BIT MONO 250NS 28SOIC **Package** 28-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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AD565AJRZ Specifications

Manufacturer Part Number AD565AJRZ Manufacturer Analog Devices Inc. Category Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC) Package 28-SOIC (0.295", 7.50mm Width) 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 / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC Mounting Type -		
Category Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC) Package 28-SOIC (0.295", 7.50mm Width) 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 / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC	Manufacturer Part Number	AD565AJRZ
Data Acquisition - Digital to Analog Converters (DAC)Package28-SOIC (0.295", 7.50mm Width)Series-Number of Bits12Number of D/A Converters1Settling Time400nsOutput TypeCurrent - UnbufferedDifferential OutputNoData InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Analog±11.4 V ~ 16.5 VVoltage - Supply, Digital-INL/DNL (LSB)±0.5, ±0.5ArchitectureR-2ROperating Temperature0°C ~ 70°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Manufacturer	Analog Devices Inc.
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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 / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package		Data Acquisition - Digital to Analog Converters (DAC)
Number of Bits 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) 40.5, ±0.5 Architecture R-2R Operating Temperature 0°C ~ 70°C Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package	Package	28-SOIC (0.295", 7.50mm Width)
Number of D/A Converters1Settling Time400nsOutput TypeCurrent - UnbufferedDifferential OutputNoData InterfaceParallelReference TypeExternal, InternalVoltage - Supply, Analog±11.4 V ~ 16.5 VVoltage - Supply, Digital-INL/DNL (LSB)±0.5, ±0.5ArchitectureR-2ROperating Temperature0°C ~ 70°CPackage / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	Series	-
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 / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC	Number of Bits	12
Output Type Current - Unbuffered Differential Output No Data Interface Parallel Reference Type External, Internal 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 $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Package / Case 28-SOIC $(0.295^{\circ}, 7.50 \text{mm Width})$ Supplier Device Package 28-SOIC	Number of D/A Converters	1
Differential Output 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 Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package	Settling Time	400ns
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 / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC	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 $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Package / Case28-SOIC (0.295", 7.50mm Width)Supplier Device Package28-SOIC	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 $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC	Data Interface	Parallel
Voltage - Supply, Digital - INL/DNL (LSB) $\pm 0.5, \pm 0.5$ Architecture R-2R Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Package / Case 28-SOIC $(0.295^{\circ}, 7.50 \text{mm Width})$ Supplier Device Package 28-SOIC	Reference Type	External, Internal
$ \begin{array}{lll} INL/DNL \ (LSB) & \pm 0.5, \pm 0.5 \\ Architecture & R-2R \\ Operating \ Temperature & 0^{\circ}C \sim 70^{\circ}C \\ Package \ / \ Case & 28-SOIC \ (0.295'', 7.50mm \ Width) \\ Supplier \ Device \ Package & 28-SOIC \\ \end{array} $	Voltage - Supply, Analog	±11.4 V ~ 16.5 V
Architecture R-2R Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Package / Case 28-SOIC $(0.295^{\circ}, 7.50 \text{mm Width})$ Supplier Device Package 28-SOIC	Voltage - Supply, Digital	-
Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Package / Case 28-SOIC $(0.295^{\circ}, 7.50\text{mm Width})$ Supplier Device Package 28-SOIC	INL/DNL (LSB)	$\pm 0.5, \pm 0.5$
Package / Case 28-SOIC (0.295", 7.50mm Width) Supplier Device Package 28-SOIC	Architecture	R-2R
Supplier Device Package 28-SOIC	Operating Temperature	0°C ~ 70°C
	Package / Case	28-SOIC (0.295", 7.50mm Width)
Mounting Type -	Supplier Device Package	28-SOIC
	Mounting Type	-
Report errors?		Report errors?

AD565AJRZ 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.

AD565AJRZ Payment Methods





















AD565AJRZ Shipping Methods













If you have any question about AD565AJRZ, please do not hesitate to contact us!

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