

AD5422BREZ-REEL

AD5422BREZ-REEL Information

		Part Number	AD5422BREZ-REEL	
1		Manufacturer	Analog Devices Inc.	
		Category	Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC)	
		Description	IC DAC 16BIT 1CH SRL INP 24TSSOP	5315.20
		Package	24-TSSOP (0.173", 4.40mm Width) Exposed Pad	「同論教養的」
	For Reference Only		For the pricing/inventory/lead time, please contact	
			Website: https://www.heisener.com	Request a Quote

E-mail: salesdept@heisener.com

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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.



AD5422BREZ-REEL Specifications

ManufacturerAnalog Devices Inc.CategoryIntegrated Circuits (ICs)Data Acquisition - Digital to Analog Converters (DAC)Package24-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-Number of Bits16Number of D/A Converters1Setting Time25µs (V), 40µs (A) (Typ)Output TypeVoltage or Current - BufferedDifferential OutputNoData InterfaceSPI, DSPReference TypeExternal, InternalVoltage - Supply, Analog10.8 V ~ 40 V, -3 V ~ 26.4 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)-, ±1.3 (Max)ArchitectureR-2ROperating Temperature40°C ~ 105°CPackage / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package-Mounting Type-		
CategoryIntegrated Circuits (ICs)Data Acquisition - Digital to Analog Converters (DAC)Package24-TSSOP (0.173", 4.40mm Width) Exposed PadSeries-Number of Bits16Number of D/A Converters1Settling Time25µs (V), 40µs (A) (Typ)Output TypeVoltage or Current - BufferedDifferential OutputNoData InterfaceSPI, DSPReference TypeExternal, InternalVoltage - Supply, Analog10.8 V ~ 40 V, -3 V ~ 26.4 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)-, ±1.3 (Max)ArchitectureR-2ROperating Temperature40°C ~ 105°CPackage / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package-Mounting Type-	Manufacturer Part Number	AD5422BREZ-REEL
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Series-Number of Bits16Number of D/A Converters1Settling Time25µs (V), 40µs (A) (Typ)Output TypeVoltage or Current - BufferedOutput TypeVoltage or Current - BufferedDifferential OutputNoData InterfaceSPI, DSPReference TypeExternal, InternalVoltage - Supply, Analog10.8 V ~ 40 V, -3 V ~ 26.4 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)-, ±1.3 (Max)ArchitectureR-2ROperating Temperature-40°C ~ 105°CPackage / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package-Mounting Type-		Data Acquisition - Digital to Analog Converters (DAC)
Number of Bits16Number of D/A Converters1Settling Time25µs (V), 40µs (A) (Typ)Output TypeVoltage or Current - BufferedDifferential OutputNoData InterfaceSPI, DSPReference TypeExternal, InternalVoltage - Supply, Analog10.8 V ~ 40 V, -3 V ~ 26.4 VVoltage - Supply, Digital-, ±1.3 (Max)ArchitectureR-2ROperating Temperature-40°C ~ 105°CPackage / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadMounting Type-	Package	24-TSSOP (0.173", 4.40mm Width) Exposed Pad
Number of D/A Converters1Settling Time25µs (V), 40µs (A) (Typ)Output TypeVoltage or Current - BufferedDifferential OutputNoData InterfaceSPI, DSPReference TypeExternal, InternalVoltage - Supply, Analog10.8 V ~ 40 V, -3 V ~ 26.4 VVoltage - Supply, Digital., ±1.3 (Max)INL/DNL (LSB)., ±1.3 (Max)Architecture4-0°C ~ 105°CPackage / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package.Mounting Type.	Series	-
Settling Time25µs (V), 40µs (A) (Typ)Output TypeVoltage or Current - BufferedDifferential OutputNoData InterfaceSPI, DSPReference TypeExternal, InternalVoltage - Supply, Analog10.8 V ~ 40 V, -3 V ~ 26.4 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)-, ±1.3 (Max)ArchitectureR-2ROperating Temperature-40°C ~ 105°CPackage / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package-Mounting Type-	Number of Bits	16
Output TypeVoltage or Current - BufferedDifferential OutputNoData InterfaceSPI, DSPReference TypeExternal, InternalVoltage - Supply, Analog10.8 V ~ 40 V, -3 V ~ 26.4 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)-, ±1.3 (Max)ArchitectureR-2ROperating Temperature-40°C ~ 105°CPackage / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package-Mounting Type-	Number of D/A Converters	1
Differential OutputNoData InterfaceSPI, DSPReference TypeExternal, InternalVoltage - Supply, Analog10.8 V ~ 40 V, -3 V ~ 26.4 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)-, ±1.3 (Max)ArchitectureR-2ROperating Temperature-40°C ~ 105°CPackage / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package-Mounting Type-	Settling Time	25µs (V), 40µs (A) (Typ)
Data InterfaceSPI, DSPReference TypeExternal, InternalVoltage - Supply, Analog10.8 V ~ 40 V, -3 V ~ 26.4 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)-, ±1.3 (Max)ArchitectureR-2ROperating Temperature-40°C ~ 105°CPackage / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package-Mounting Type-	Output Type	Voltage or Current - Buffered
Reference TypeExternal, InternalVoltage - Supply, Analog10.8 V ~ 40 V, -3 V ~ 26.4 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)-, ±1.3 (Max)ArchitectureR-2ROperating Temperature-40°C ~ 105°CPackage / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package24-TSSOP-EPMounting Type-	Differential Output	No
Voltage - Supply, Analog10.8 V ~ 40 V, -3 V ~ 26.4 VVoltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)-, ±1.3 (Max)ArchitectureR-2ROperating Temperature-40°C ~ 105°CPackage / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package24-TSSOP-EPMounting Type-	Data Interface	SPI, DSP
Voltage - Supply, Digital2.7 V ~ 5.5 VINL/DNL (LSB)-,±1.3 (Max)ArchitectureR-2ROperating Temperature-40°C ~ 105°CPackage / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package24-TSSOP-EPMounting Type-	Reference Type	External, Internal
INL/DNL (LSB)-, ±1.3 (Max)ArchitectureR-2ROperating Temperature-40°C ~ 105°CPackage / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package24-TSSOP-EPMounting Type-	Voltage - Supply, Analog	10.8 V ~ 40 V, -3 V ~ 26.4 V
ArchitectureR-2ROperating Temperature-40°C ~ 105°CPackage / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package24-TSSOP-EPMounting Type-	Voltage - Supply, Digital	2.7 V ~ 5.5 V
Operating Temperature-40°C ~ 105°CPackage / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package24-TSSOP-EPMounting Type-	INL/DNL (LSB)	-, ±1.3 (Max)
Package / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package24-TSSOP-EPMounting Type-	Architecture	R-2R
Supplier Device Package 24-TSSOP-EP Mounting Type -	Operating Temperature	-40°C ~ 105°C
Mounting Type -	Package / Case	24-TSSOP (0.173", 4.40mm Width) Exposed Pad
	Supplier Device Package	24-TSSOP-EP
Report errors?	Mounting Type	-
		Report errors?

AD5422BREZ-REEL 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 SUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

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AD5422BREZ-REEL Shipping Methods



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