

## AD5422AREZ-REEL

#### AD5422AREZ-REEL Information

Hittittittit Monalademer.com		AD5422AREZ-REEL Analog Devices Inc. Integrated Circuits (ICs) Data Acquisition - Digital to Analog Converters (DAC)	
an and a second	Description	IC DAC 16BIT SRL 24TSSOP	
	Package	24-TSSOP (0.173", 4.40mm Width) Exposed Pad	「「「「」」「「」」
		For the pricing/inventory/lead time, please contact	
For Reference Only		us Website: https://www.heisener.com	Request a Quote

E-mail: salesdept@heisener.com

#### **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.



### **AD5422AREZ-REEL Specifications**

Manufacturer Part Number     AD5422AREZ-REEL       Manufacturer     Analog Devices Inc.       Category     Integrated Circuits (ICs)       Data Acquisition - Digital to Analog Converters (DAC)     Data Acquisition - Digital to Analog Converters (DAC)       Package     24-TSSOP (0.173", 4.40mm Width) Exposed Pad       Series     -       Number of Bits     16       Number of D/A Converters     1       Settling Time     25µs (V), 40µs (A) (Typ)       Output Type     Voltage or Current - Buffered       Differential Output     No       Data Interface     SPI, DSP       Reference Type     10.8 V ~ 40 V, -3 V ~ 26.4 V       Voltage - Supply, Analog     1.9 V ~ 40 V, -3 V ~ 26.4 V       Voltage - Supply, Digital     2.7 V ~ 5.5 V       INL/DNL (LSB)     -, ±1.3 (Max)       Architecture     R-2R       Operating Temperature     4.0°C ~ 105°C       Package / Case     24-TSSOP (0.173", 4.40mm Width) Exposed Pad       Supplier Device Package     24-TSSOP-EP       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	AD5422AREZ-REEL
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 Temperature-40°C ~ 105°CPackage / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package24-TSSOP (0.173", 4.40mm Width) Exposed PadMounting Type-	Manufacturer	Analog Devices Inc.
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 Temperature-40°C ~ 105°CPackage / Case24-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package-Mounting Type-	Category	Integrated Circuits (ICs)
Series-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 (D.173", 4.40mm Width) Exposed PadMounting Type-		Data Acquisition - Digital to Analog Converters (DAC)
Number of Bits     16       Number of D/A Converters     1       Settling Time     25µs (V), 40µs (A) (Typ)       Output Type     Voltage or Current - Buffered       Differential Output     No       Data Interface     SPI, DSP       Reference Type     External, Internal       Voltage - Supply, Analog     10.8 V ~ 40 V, -3 V ~ 26.4 V       Voltage - Supply, Digital     2.7 V ~ 5.5 V       INL/DNL (LSB)     +±1.3 (Max)       Architecture     R-2R       Operating Temperature     40°C ~ 105°C       Package / Case     24-TSSOP (0.173", 4.40mm Width) Exposed Pad       Supplier Device Package     24-TSSOP-EP       Mounting 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 - BufferedOutput TypeNoData InterfaceSPI, DSPReference TypeExternal, InternalVoltage - Supply, Analog10.8 V ~ 40 V, -3 V ~ 26.4 VVoltage - Supply, Digital + 1.3 (Max)INL/DNL (LSB)R-2ROperating Temperature40°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 Temperature40°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 Package-Mounting 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
INPY PINL/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?

#### **AD5422AREZ-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 BUARANTEE

#### **Service Guarantees**

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

DISCOVER

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