



#### ADA4522-4ARUZ-RL Information



For Reference Only

Part Number ADA4522-4ARUZ-RL
Manufacturer Analog Devices Inc.
Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description**IC OP AMP 55V LN ZD 14TSSOP**Package**14-TSSOP (0.173", 4.40mm Width)

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**

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.









### **ADA4522-4ARUZ-RL Specifications**

Manufacturer Part Number       ADA4522-4ARUZ-RL         Manufacturer       Analog Devices Inc.         Category       Integrated Circuits (ICs)         Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps         Package       14-TSSOP (0.173", 4.40mm Width)         Series       -         Amplifier Type       Zero-Drift         Number of Circuits       4         Output Type       Rail-to-Rail         Slew Rate       1.7 V/μs         Gain Bandwidth Product       2.7MHz         -3db Bandwidth       -         Current - Input Bias       50pA         Voltage - Input Offset       1.5μV         Current - Supply       830μA         Current - Output / Channel       32mA         Voltage - Supply, Single/Dual (±)       4.5 V ~ 55 V, ±2.25 V ~ 27.5 V         Operating Temperature       -40°C ~ 125°C         Mounting Type       Surface Mount         Package / Case       14-TSSOP (0.173", 4.40mm Width)		
Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         14-TSSOP (0.173", 4.40mm Width)           Series         -           Amplifier Type         Zero-Drift           Number of Circuits         4           Output Type         Rail-to-Rail           Slew Rate         1.7 V/μs           Gain Bandwidth Product         2.7MHz           -3db Bandwidth         -           Current - Input Bias         50pA           Voltage - Input Offset         1.5μV           Current - Output / Channel         32mA           Voltage - Supply, Single/Dual (±)         4.5 V ~ 55 V, ±2.25 V ~ 27.5 V           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         14-TSSOP (0.173", 4.40mm Width)	Manufacturer Part Number	ADA4522-4ARUZ-RL
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         14-TSSOP (0.173", 4.40mm Width)           Series         -           Amplifier Type         Zero-Drift           Number of Circuits         4           Output Type         Rail-to-Rail           Slew Rate         1.7 V/μs           Gain Bandwidth Product         2.7MHz           -3db Bandwidth         -           Current - Input Bias         50pA           Voltage - Input Offset         1.5μV           Current - Supply         830μA           Current - Output / Channel         32mA           Voltage - Supply, Single/Dual (±)         4.5 V ~ 55 V, ±2.25 V ~ 27.5 V           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         14-TSSOP (0.173", 4.40mm Width)	Manufacturer	Analog Devices Inc.
Package 14-TSSOP (0.173", 4.40mm Width)  Series -  Amplifier Type Zero-Drift  Number of Circuits 4  Output Type Rail-to-Rail  Slew Rate 1.7 V/ $\mu$ s  Gain Bandwidth Product 2.7MHz  -3db Bandwidth  -  Current - Input Bias 50pA  Voltage - Input Offset 1.5 $\mu$ V  Current - Output / Channel 32mA  Voltage - Supply, Single/Dual ( $\pm$ ) 4.5 V ~ 55 V, $\pm$ 2.25 V ~ 27.5 V  Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 14-TSSOP (0.173", 4.40mm Width)	Category	Integrated Circuits (ICs)
Series - Amplifier Type Zero-Drift Number of Circuits 4   Output Type Rail-to-Rail   Slew Rate 1.7 $V/\mu s$ Gain Bandwidth Product 2.7MHz   -3db Bandwidth   - Current - Input Bias 50pA   Voltage - Input Offset 1.5 $\mu V$ Current - Supply 830 $\mu A$ Current - Output / Channel 32mA   Voltage - Supply, Single/Dual ( $\pm$ ) 4.5 $V \sim 55$ $V$ , $\pm 2.25$ $V \sim 27.5$ $V$ Operating Temperature -40°C $\sim 125$ °C   Mounting Type Surface Mount   Package / Case 14-TSSOP (0.173", 4.40mm Width)		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type	Package	14-TSSOP (0.173", 4.40mm Width)
Number of Circuits       4         Output Type       Rail-to-Rail         Slew Rate       1.7 V/μs         Gain Bandwidth Product       2.7MHz         -3db Bandwidth       -         Current - Input Bias       50pA         Voltage - Input Offset       1.5μV         Current - Supply       830μA         Current - Output / Channel       32mA         Voltage - Supply, Single/Dual (±)       4.5 V ~ 55 V, ±2.25 V ~ 27.5 V         Operating Temperature       -40°C ~ 125°C         Mounting Type       Surface Mount         Package / Case       14-TSSOP (0.173", 4.40mm Width)	Series	-
Output Type Rail-to-Rail  Slew Rate 1.7 V/µs  Gain Bandwidth Product 2.7MHz  -3db Bandwidth - Current - Input Bias 50pA  Voltage - Input Offset 1.5µV  Current - Supply 830µA  Current - Output / Channel 32mA  Voltage - Supply, Single/Dual (±) 4.5 V ~ 55 V, ±2.25 V ~ 27.5 V  Operating Temperature 40°C ~ 125°C  Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width)	Amplifier Type	Zero-Drift
Slew Rate $ 1.7 \text{ V/}\mu\text{s} $ Gain Bandwidth Product $ 2.7 \text{MHz} $ $-3 \text{db Bandwidth} $ $- \text{Current - Input Bias} $ $ 50 \text{pA} $ $ \text{Voltage - Input Offset} $ $ 1.5 \mu\text{V} $ $ \text{Current - Supply} $ $ 830 \mu\text{A} $ $ \text{Current - Output / Channel} $ $ 32 \text{mA} $ $ \text{Voltage - Supply, Single/Dual (\pm)} $ $ 4.5 \text{ V} \sim 55 \text{ V}, \pm 2.25 \text{ V} \sim 27.5 \text{ V} $ $ \text{Operating Temperature} $ $ -40^{\circ}\text{C} \sim 125^{\circ}\text{C} $ $ \text{Mounting Type} $ $ \text{Surface Mount} $ $ \text{Package / Case} $ $ 14-TSSOP (0.173", 4.40 \text{mm Width}) $	Number of Circuits	4
Gain Bandwidth Product 2.7MHz -3db Bandwidth - Current - Input Bias 50pA   Voltage - Input Offset 1.5 $\mu$ V   Current - Supply 830 $\mu$ A   Current - Output / Channel 32mA   Voltage - Supply, Single/Dual ( $\pm$ ) 4.5 V ~ 55 V, $\pm$ 2.25 V ~ 27.5 V   Operating Temperature -40°C ~ 125°C   Mounting Type Surface Mount   Package / Case 14-TSSOP (0.173", 4.40mm Width)	Output Type	Rail-to-Rail
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Slew Rate	1.7 V/μs
Current - Input Bias $50pA$ Voltage - Input Offset $1.5\mu V$ Current - Supply $830\mu A$ Current - Output / Channel $32mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $4.5 \ V \sim 55 \ V$ , $\pm 2.25 \ V \sim 27.5 \ V$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type Surface Mount  Package / Case $14\text{-TSSOP}$ (0.173", 4.40mm Width)	Gain Bandwidth Product	2.7MHz
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	-
Current - Supply $830\mu A$ Current - Output / Channel $32mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $4.5 \text{ V} \sim 55 \text{ V}, \pm 2.25 \text{ V} \sim 27.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $14\text{-TSSOP}$ ( $0.173^{\circ}$ , $4.40\text{mm}$ Width)	Current - Input Bias	50pA
$\begin{tabular}{lll} Current - Output / Channel & 32mA & \\ Voltage - Supply, Single/Dual (\pm) & 4.5 V ~ 55 V, \pm2.25 V ~ 27.5 V & \\ Operating Temperature & -40°C ~ 125°C & \\ Mounting Type & Surface Mount & \\ Package / Case & 14-TSSOP (0.173", 4.40mm Width) & \\ \end{tabular}$	Voltage - Input Offset	1.5μV
Voltage - Supply, Single/Dual ( $\pm$ ) 4.5 V ~ 55 V, $\pm$ 2.25 V ~ 27.5 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width)	Current - Supply	830μΑ
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount  Package / Case 14-TSSOP (0.173", 4.40mm Width)	Current - Output / Channel	32mA
Mounting Type Surface Mount Package / Case 14-TSSOP (0.173", 4.40mm Width)	Voltage - Supply, Single/Dual (±)	4.5 V ~ 55 V, ±2.25 V ~ 27.5 V
Package / Case 14-TSSOP (0.173", 4.40mm Width)	Operating Temperature	-40°C ~ 125°C
-	Mounting Type	Surface Mount
Supplier Device Package 14-TSSOP	Package / Case	14-TSSOP (0.173", 4.40mm Width)
	Supplier Device Package	14-TSSOP
Report errors		Report errors?

#### **ADA4522-4ARUZ-RL 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.

### **ADA4522-4ARUZ-RL Payment Methods**



















## **ADA4522-4ARUZ-RL Shipping Methods**













If you have any question about ADA4522-4ARUZ-RL, please do not hesitate to contact us!

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