



### **TLV2454AIDR Information**



For Reference Only

Part Number TLV2454AIDR

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP GP 220KHZ RRO 14SOIC **Package** 14-SOIC (0.154", 3.90mm 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**

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## **TLV2454AIDR Specifications**

Manufacturer Part Number         TLV2454AIDR           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         14-SOIC (0.154", 3.90mm Width)           Series         -           Amplifier Type         General Purpose           Number of Circuits         4           Output Type         Rail-to-Rail           Slew Rate         0.11 V/μs           Gain Bandwidth Product         220kHz           -3db Bandwidth         -           Current - Input Bias         500pA           Voltage - Input Offset         300μV           Current - Supply         23μA           Current - Output / Channel         10mA           Voltage - Supply, Single/Dual (±)         2.7 V ~ 6 V, ±1.35 V ~ 3 V           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         14-SOIC (0.154", 3.90mm Width)           Supplier Device Package         14-SOIC		
Integrated Circuits (ICs)   Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps	Manufacturer Part Number	TLV2454AIDR
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Amplifier TypeGeneral PurposeNumber of Circuits4Output TypeRail-to-RailSlew Rate0.11 V/μsGain Bandwidth Product220kHz-3db Bandwidth-Current - Input Bias500pAVoltage - Input Offset300μVCurrent - Supply23μACurrent - Output / Channel10mAVoltage - Supply, Single/Dual (±)2.7 V ~ 6 V, ±1.35 V ~ 3 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case14-SOIC (0.154", 3.90mm Width)Supplier Device Package14-SOIC	Package	14-SOIC (0.154", 3.90mm Width)
Number of Circuits 4 Output Type Rail-to-Rail Slew Rate 0.11 V/ $\mu$ s Gain Bandwidth Product 220kHz -3db Bandwidth - Current - Input Bias 500pA Voltage - Input Offset 300 $\mu$ V Current - Supply 23 $\mu$ A Current - Output / Channel 10mA Voltage - Supply, Single/Dual ( $\pm$ ) 2.7 V ~ 6 V, $\pm$ 1.35 V ~ 3 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Series	-
Output Type Rail-to-Rail  Slew Rate 0.11 V/ $\mu$ s  Gain Bandwidth Product 220kHz  -3db Bandwidth  Current - Input Bias 500pA  Voltage - Input Offset 300 $\mu$ V  Current - Supply 23 $\mu$ A  Current - Output / Channel 10mA  Voltage - Supply, Single/Dual ( $\pm$ ) 2.7 V ~ 6 V, $\pm$ 1.35 V ~ 3 V  Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 14-SOIC (0.154", 3.90mm Width)  Supplier Device Package 14-SOIC	Amplifier Type	General Purpose
Slew Rate 0.11 V/ $\mu$ s Gain Bandwidth Product 220kHz -3db Bandwidth - Current - Input Bias 500pA Voltage - Input Offset 300 $\mu$ V Current - Supply 23 $\mu$ A Current - Output / Channel 10mA Voltage - Supply, Single/Dual ( $\pm$ ) 2.7 V ~ 6 V, $\pm$ 1.35 V ~ 3 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Number of Circuits	4
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Output Type	Rail-to-Rail
$-3 db \ Bandwidth \\ -Current - Input \ Bias \\ S00pA \\ Voltage - Input \ Offset \\ 300 \mu V \\ Current - Supply \\ 23 \mu A \\ Current - Output / Channel \\ Voltage - Supply, Single/Dual (\pm) 2.7 \ V \sim 6 \ V, \pm 1.35 \ V \sim 3 \ V \\ Operating \ Temperature \\ -40^{\circ}C \sim 125^{\circ}C \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ 14-SOIC (0.154", 3.90mm \ Width) \\ Supplier \ Device \ Package \\ 14-SOIC \\ \\$	Slew Rate	0.11 V/μs
$\begin{array}{lllll} & & & & & & & & & & & & & & & & &$	Gain Bandwidth Product	220kHz
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	-
Current - Supply $23\mu A$ Current - Output / Channel $10mA$ Voltage - Supply, Single/Dual (±) $2.7 \text{ V} \sim 6 \text{ V}, \pm 1.35 \text{ V} \sim 3 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Surface Mount $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Surface Mount $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Supplier Device Package $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Current - Input Bias	500pA
Current - Output / Channel $10mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $2.7 \text{ V} \sim 6 \text{ V}, \pm 1.35 \text{ V} \sim 3 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $14\text{-SOIC}$ ( $0.154^{\circ}$ , $3.90\text{mm}$ Width)Supplier Device Package $14\text{-SOIC}$	Voltage - Input Offset	300μV
Voltage - Supply, Single/Dual ( $\pm$ ) 2.7 V ~ 6 V, $\pm$ 1.35 V ~ 3 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Current - Supply	23μΑ
Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 14-SOIC (0.154", 3.90mm Width)  Supplier Device Package 14-SOIC	Current - Output / Channel	10mA
Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Voltage - Supply, Single/Dual (±)	2.7 V ~ 6 V, ±1.35 V ~ 3 V
Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 14-SOIC	Mounting Type	Surface Mount
	Package / Case	14-SOIC (0.154", 3.90mm Width)
_	Supplier Device Package	14-SOIC
Report errors		Report errors?

### **TLV2454AIDR 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.

## **TLV2454AIDR Payment Methods**





















## **TLV2454AIDR Shipping Methods**













If you have any question about TLV2454AIDR, please do not hesitate to contact us!

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