



### **TLE2021AIDR Information**



For Reference Only

Part Number TLE2021AIDR

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP GP 2MHZ 8SOIC **Package** 8-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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### **TLE2021AIDR Specifications**

Manufacturer Part Number         TLE2021AIDR           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         8-SOIC (0.154", 3.90mm Width)           Series         Excalibur?           Amplifier Type         General Purpose           Number of Circuits         1           Output Type         -           Slew Rate         0.65 V/μs           Gain Bandwidth Product         1.7MHz           -3db Bandwidth         -           Current - Input Bias         25nA           Voltage - Input Offset         80μV           Current - Output / Channel         20mA           Voltage - Supply, Single/Dual (±)         4 V ~ 40 V, ±2 V ~ 20 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         8-SOIC (0.154", 3.90mm Width)           Supplier Device Package         8-SOIC		
Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         8-SOIC (0.154", 3.90mm Width)           Series         Excalibur?           Amplifier Type         General Purpose           Number of Circuits         1           Output Type         -           Slew Rate         0.65 V/μs           Gain Bandwidth Product         1.7MHz           -3db Bandwidth         -           Current - Input Bias         25nA           Voltage - Input Offset         80μV           Current - Supply         240μA           Current - Output / Channel         20mA           Voltage - Supply, Single/Dual (±)         4 V ~ 40 V, ±2 V ~ 20 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         8-SOIC (0.154", 3.90mm Width)           Supplier Device Package         8-SOIC	Manufacturer Part Number	TLE2021AIDR
Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-SOIC (0.154", 3.90mm Width)SeriesExcalibur?Amplifier TypeGeneral PurposeNumber of Circuits1Output Type-Slew Rate0.65 V/μsGain Bandwidth Product1.7MHz-3db Bandwidth-Current - Input Bias25nAVoltage - Input Offset80μVCurrent - Supply240μACurrent - Output / Channel20mAVoltage - Supply, Single/Dual (±)4 V ~ 40 V, ±2 V ~ 20 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Manufacturer	Texas Instruments
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Number of Circuits1Output Type-Slew Rate $0.65 \text{ V/μs}$ Gain Bandwidth Product $1.7\text{MHz}$ -3db Bandwidth-Current - Input Bias $25\text{nA}$ Voltage - Input Offset $80\mu\text{V}$ Current - Supply $240\mu\text{A}$ Current - Output / Channel $20\text{mA}$ Voltage - Supply, Single/Dual (±) $4 \text{ V} \sim 40 \text{ V}, \pm 2 \text{ V} \sim 20 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $8-\text{SOIC}$ ( $0.154^{\circ}$ , $3.90\text{mm}$ Width)Supplier Device Package $8-\text{SOIC}$	Series	Excalibur?
Output Type         -           Slew Rate         0.65 V/μs           Gain Bandwidth Product         1.7MHz           -3db Bandwidth         -           Current - Input Bias         25nA           Voltage - Input Offset         80μV           Current - Supply         240μA           Current - Output / Channel         20mA           Voltage - Supply, Single/Dual (±)         4 V ~ 40 V, ±2 V ~ 20 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         8-SOIC (0.154", 3.90mm Width)           Supplier Device Package         8-SOIC	Amplifier Type	General Purpose
Slew Rate 0.65 V/ $\mu$ s  Gain Bandwidth Product 1.7MHz  -3db Bandwidth -  Current - Input Bias 25nA  Voltage - Input Offset 80 $\mu$ V  Current - Supply 240 $\mu$ A  Current - Output / Channel 20mA  Voltage - Supply, Single/Dual ( $\pm$ ) 4 V ~ 40 V, $\pm$ 2 V ~ 20 V  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-SOIC	Number of Circuits	1
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Output Type	-
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	0.65 V/μs
Current - Input Bias $25nA$ Voltage - Input Offset $80\mu V$ Current - Supply $240\mu A$ Current - Output / Channel $20mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $4 V \sim 40 V, \pm 2 V \sim 20 V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting TypeSurface MountPackage / Case $8$ -SOIC ( $0.154^{\circ}$ , $3.90$ mm Width)Supplier Device Package $8$ -SOIC	Gain Bandwidth Product	1.7MHz
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	-
Current - Supply $240\mu A$ Current - Output / Channel $20mA$ Voltage - Supply, Single/Dual (±) $4 V \sim 40 V$ , $\pm 2 V \sim 20 V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount  Package / Case $8\text{-SOIC}$ $(0.154^{\circ}, 3.90mm \text{ Width})$ Supplier Device Package $8\text{-SOIC}$	Current - Input Bias	25nA
Current - Output / Channel $20mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $4 \text{ V} \sim 40 \text{ V}, \pm 2 \text{ V} \sim 20 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $8\text{-SOIC}$ ( $0.154^{\circ}$ , $3.90\text{mm}$ Width)Supplier Device Package $8\text{-SOIC}$	Voltage - Input Offset	$80\mu V$
Voltage - Supply, Single/Dual ( $\pm$ ) 4 V ~ 40 V, $\pm$ 2 V ~ 20 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Current - Supply	240μΑ
Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  8-SOIC (0.154", 3.90mm Width)  Supplier Device Package  8-SOIC	Current - Output / Channel	20mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Voltage - Supply, Single/Dual (±)	$4 \text{ V} \sim 40 \text{ V}, \pm 2 \text{ V} \sim 20 \text{ V}$
Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 8-SOIC	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	8-SOIC
Report errors:		Report errors?

#### **TLE2021AIDR 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.

# **TLE2021AIDR Payment Methods**

































If you have any question about TLE2021AIDR, please do not hesitate to contact us!

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