



#### **OPA2365AIDR Information**



For Reference Only

Part Number OPA2365AIDR

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP GP 50MHZ RRO 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



Request a Quote

# **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.









### **OPA2365AIDR Specifications**

Manufacturer Part Number       OPA2365AIDR         Manufacturer       Texas Instruments         Category       Integrated Circuits (ICs)         Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps         Package       8-SOIC (0.154", 3.90mm Width)         Series       -         Amplifier Type       General Purpose         Number of Circuits       2         Output Type       Rail-to-Rail         Slew Rate       25 V/μs         Gain Bandwidth Product       50MHz         -3db Bandwidth       -         Current - Input Bias       0.2pA         Voltage - Input Offset       100μV         Current - Supply       4.6mA         Current - Output / Channel       65mA         Voltage - Supply, Single/Dual (±)       2.2 V ~ 5.5 V, ±1.1 V ~ 2.25 V         Operating Temperature       -40°C ~ 125°C         Mounting Type       Surface Mount         Package / Case       8-SOIC (0.154", 3.90mm Width)         Supplier Device Package       8-SOIC		
CategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-SOIC (0.154", 3.90mm Width)Series-Amplifier TypeGeneral PurposeNumber of Circuits2Output TypeRail-to-RailSlew Rate25 V/μsGain Bandwidth Product50MHz-3db Bandwidth-Current - Input Bias0.2pAVoltage - Input Offset100μVCurrent - Output / Channel65mAVoltage - Supply, Single/Dual (±)2.2 V ~ 5.5 V, ±1.1 V ~ 2.25 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	OPA2365AIDR
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         8-SOIC (0.154", 3.90mm Width)           Series         -           Amplifier Type         General Purpose           Number of Circuits         2           Output Type         Rail-to-Rail           Slew Rate         25 V/μs           Gain Bandwidth Product         50MHz           -3db Bandwidth         -           Current - Input Bias         0.2pA           Voltage - Input Offset         100μV           Current - Supply         4.6mA           Current - Output / Channel         65mA           Voltage - Supply, Single/Dual (±)         2.2 V ~ 5.5 V, ±1.1 V ~ 2.25 V           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         8-SOIC (0.154", 3.90mm Width)	Manufacturer	Texas Instruments
Package8-SOIC (0.154", 3.90mm Width)Series-Amplifier TypeGeneral PurposeNumber of Circuits2Output TypeRail-to-RailSlew Rate25 V/μsGain Bandwidth Product50MHz-3db Bandwidth-Current - Input Bias0.2pAVoltage - Input Offset100μVCurrent - Supply4.6mACurrent - Output / Channel65mAVoltage - Supply, Single/Dual (±)2.2 V ~ 5.5 V, ±1.1 V ~ 2.25 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Category	Integrated Circuits (ICs)
Series         -           Amplifier Type         General Purpose           Number of Circuits         2           Output Type         Rail-to-Rail           Slew Rate         25 V/μs           Gain Bandwidth Product         50MHz           -3db Bandwidth         -           Current - Input Bias         0.2pA           Voltage - Input Offset         100μV           Current - Supply         4.6mA           Current - Output / Channel         65mA           Voltage - Supply, Single/Dual (±)         2.2 V ~ 5.5 V, ±1.1 V ~ 2.25 V           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         8-SOIC (0.154", 3.90mm Width)		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type General Purpose Number of Circuits 2 2   Output Type Rail-to-Rail   Slew Rate 25 V/ $\mu$ s   Gain Bandwidth Product 50MHz   -3db Bandwidth   - Current - Input Bias 0.2pA   Voltage - Input Offset 100 $\mu$ V   Current - Supply 4.6mA   Current - Output / Channel 65mA   Voltage - Supply, Single/Dual ( $\pm$ ) 2.2 V ~ 5.5 V, $\pm$ 1.1 V ~ 2.25 V   Operating Temperature 40°C ~ 125°C   Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Package	8-SOIC (0.154", 3.90mm Width)
Number of Circuits         2           Output Type         Rail-to-Rail           Slew Rate         25 V/μs           Gain Bandwidth Product         50MHz           -3db Bandwidth         -           Current - Input Bias         0.2pA           Voltage - Input Offset         100μV           Current - Supply         4.6mA           Current - Output / Channel         65mA           Voltage - Supply, Single/Dual (±)         2.2 V ~ 5.5 V, ±1.1 V ~ 2.25 V           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         8-SOIC (0.154", 3.90mm Width)	Series	-
Output Type Rail-to-Rail  Slew Rate 25 V/ $\mu$ s  Gain Bandwidth Product 50MHz  -3db Bandwidth -  Current - Input Bias 0.2pA  Voltage - Input Offset 100 $\mu$ V  Current - Supply 4.6mA  Current - Output / Channel 65mA  Voltage - Supply, Single/Dual ( $\pm$ ) 2.2 V ~ 5.5 V, $\pm$ 1.1 V ~ 2.25 V  Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)	Amplifier Type	General Purpose
Slew Rate $25 \text{ V/}\mu\text{s}$ Gain Bandwidth Product $50 \text{MHz}$ $-3 \text{db Bandwidth}$ $- \text{Current - Input Bias}$ $0.2 \text{pA}$ $Voltage - Input Offset$ $100 \mu \text{V}$ $\text{Current - Supply}$ $4.6 \text{mA}$ $\text{Current - Output / Channel}$ $65 \text{mA}$ $Voltage - Supply, Single/Dual (±)$ $0.2 \text{ V} \sim 5.5 \text{ V}, \pm 1.1 \text{ V} \sim 2.25 \text{ V}$ $0 \text{perating Temperature}$ $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ $0 \text{Mounting Type}$ $0 \text{Surface Mount}$ $0 \text{Package / Case}$	Number of Circuits	2
Gain Bandwidth Product  -3db Bandwidth  - Current - Input Bias  0.2pA  Voltage - Input Offset  100μV  Current - Supply  4.6mA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  2.2 V ~ 5.5 V, ±1.1 V ~ 2.25 V  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  8-SOIC (0.154", 3.90mm Width)	Output Type	Rail-to-Rail
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Slew Rate	25 V/μs
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Gain Bandwidth Product	50MHz
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	-
Current - Supply $4.6\text{mA}$ Current - Output / Channel $65\text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $2.2 \text{ V} \sim 5.5 \text{ V}, \pm 1.1 \text{ V} \sim 2.25 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $8\text{-SOIC } (0.154^{\circ}, 3.90\text{mm Width})$	Current - Input Bias	0.2pA
Current - Output / Channel 65mA  Voltage - Supply, Single/Dual ( $\pm$ ) 2.2 V ~ 5.5 V, $\pm$ 1.1 V ~ 2.25 V  Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)	Voltage - Input Offset	$100\mu V$
Voltage - Supply, Single/Dual ( $\pm$ ) 2.2 V ~ 5.5 V, $\pm$ 1.1 V ~ 2.25 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Current - Supply	4.6mA
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)	Current - Output / Channel	65mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Voltage - Supply, Single/Dual (±)	2.2 V ~ 5.5 V, ±1.1 V ~ 2.25 V
Package / Case 8-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 125°C
-	Mounting Type	Surface Mount
Supplier Device Package 8-SOIC	Package / Case	8-SOIC (0.154", 3.90mm Width)
	Supplier Device Package	8-SOIC
Report errors		Report errors?

#### **OPA2365AIDR** 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.

# **OPA2365AIDR Payment Methods**



















## **OPA2365AIDR Shipping Methods**













If you have any question about OPA2365AIDR, please do not hesitate to contact us!

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