



### **OPA2335AID Information**



For Reference Only

Part Number OPA2335AID

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP CHOPPER 2MHZ 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



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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.









# **OPA2335AID Specifications**

Manufacturer Part Number         OPA2335AID           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         Zero-Drift           Number of Circuits         2           Output Type         Rail-to-Rail           Slew Rate         1.6 V/μs           Gain Bandwidth Product         2MHz           -3db Bandwidth         -           Current - Input Bias         70pA           Voltage - Input Offset         1μV           Current - Supply         570μA           Current - Output / Channel         50mA           Voltage - Supply, Single/Dual (±)         2.7 V ~ 5.5 V, ±1.35 V ~ 2.75 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		
Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         8-SOIC (0.154", 3.90mm Width)           Series         -           Amplifier Type         Zero-Drift           Number of Circuits         2           Output Type         Rail-to-Rail           Slew Rate         1.6 V/μs           Gain Bandwidth Product         2MHz           -3db Bandwidth         -           Current - Input Bias         70pA           Voltage - Input Offset         1μV           Current - Supply         570μA           Current - Output / Channel         50mA           Voltage - Supply, Single/Dual (±)         2.7 V ~ 5.5 V, ±1.35 V ~ 2.75 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	Manufacturer Part Number	OPA2335AID
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         8-SOIC (0.154", 3.90mm Width)           Series         -           Amplifier Type         Zero-Drift           Number of Circuits         2           Output Type         Rail-to-Rail           Slew Rate         1.6 V/μs           Gain Bandwidth Product         2MHz           -3db Bandwidth         -           Current - Input Bias         70pA           Voltage - Input Offset         1μV           Current - Supply         570μA           Current - Output / Channel         50mA           Voltage - Supply, Single/Dual (±)         2.7 V ~ 5.5 V, ±1.35 V ~ 2.75 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	Manufacturer	Texas Instruments
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Series         -           Amplifier Type         Zero-Drift           Number of Circuits         2           Output Type         Rail-to-Rail           Slew Rate         1.6 V/μs           Gain Bandwidth Product         2MHz           -3db Bandwidth         -           Current - Input Bias         70pA           Voltage - Input Offset         1μV           Current - Supply         570μA           Current - Output / Channel         50mA           Voltage - Supply, Single/Dual (±)         2.7 V ~ 5.5 V, ±1.35 V ~ 2.75 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		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type $Zero-Drift$ $Sumber of Circuits$	Package	8-SOIC (0.154", 3.90mm Width)
Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 1.6 V/ $\mu$ s Gain Bandwidth Product 2MHz -3db Bandwidth - Current - Input Bias 70pA Voltage - Input Offset 1 $\mu$ V Current - Supply 570 $\mu$ A Current - Output / Channel 50mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 5.5 V, ±1.35 V ~ 2.75 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Series	-
Output Type Rail-to-Rail  Slew Rate 1.6 V/ $\mu$ s  Gain Bandwidth Product 2MHz  -3db Bandwidth -  Current - Input Bias 70pA  Voltage - Input Offset 1 $\mu$ V  Current - Supply 570 $\mu$ A  Current - Output / Channel 50mA  Voltage - Supply, Single/Dual ( $\pm$ ) 2.7 V ~ 5.5 V, $\pm$ 1.35 V ~ 2.75 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	Amplifier Type	Zero-Drift
Slew Rate $ \begin{array}{cccc} 1.6 \text{ V/}\mu\text{s} \\ \text{Gain Bandwidth Product} & 2\text{MHz} \\ -3\text{db Bandwidth} & - \\ \text{Current - Input Bias} & 70\text{pA} \\ \text{Voltage - Input Offset} & 1\mu\text{V} \\ \text{Current - Supply} & 570\mu\text{A} \\ \text{Current - Output / Channel} & 50\text{mA} \\ \text{Voltage - Supply, Single/Dual ($\pm$)} & 2.7 \text{ V} \sim 5.5 \text{ V}, $\pm 1.35 \text{ V} \sim 2.75 \text{ V} \\ \text{Operating Temperature} & -40^{\circ}\text{C} \sim 125^{\circ}\text{C} \\ \text{Mounting Type} & \text{Surface Mount} \\ \text{Package / Case} & 8-\text{SOIC} & (0.154", 3.90\text{mm Width}) \\ \text{Supplier Device Package} & 8-\text{SOIC} \\ \end{array} $	Number of Circuits	2
Gain Bandwidth Product $2MHz$ -3db Bandwidth -  Current - Input Bias $70pA$ Voltage - Input Offset $1\mu V$ Current - Supply $570\mu A$ Current - Output / Channel $50mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $2.7 \ V \sim 5.5 \ V, \pm 1.35 \ V \sim 2.75 \ V$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type Surface Mount  Package / Case $8\text{-SOIC}$ $(0.154^{\circ}, 3.90mm \ Width)$ Supplier Device Package $8\text{-SOIC}$	Output Type	Rail-to-Rail
$-3db \ Bandwidth \\ -Current - Input \ Bias \\ 70pA \\ Voltage - Input \ Offset \\ 1\mu V \\ Current - Supply \\ 570\mu A \\ Current - Output / Channel \\ Voltage - Supply, Single/Dual (\pm) 2.7 \ V \sim 5.5 \ V, \pm 1.35 \ V \sim 2.75 \ V \\ Operating \ Temperature \\ -40^{\circ}C \sim 125^{\circ}C \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ 8-SOIC (0.154", 3.90mm \ Width) \\ Supplier \ Device \ Package \\ 8-SOIC \\ \\$	Slew Rate	1.6 V/μs
Current - Input Bias 70pA  Voltage - Input Offset 1 $\mu$ V  Current - Supply 570 $\mu$ A  Current - Output / Channel 50mA  Voltage - Supply, Single/Dual ( $\pm$ ) 2.7 V ~ 5.5 V, $\pm$ 1.35 V ~ 2.75 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	Gain Bandwidth Product	2MHz
Voltage - Input Offset	-3db Bandwidth	-
Current - Supply $570\mu A$ Current - Output / Channel $50mA$ Voltage - Supply, Single/Dual (±) $2.7 \text{ V} \sim 5.5 \text{ V}, \pm 1.35 \text{ V} \sim 2.75 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ 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	70pA
Current - Output / Channel $50mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $2.7 \text{ V} \sim 5.5 \text{ V}, \pm 1.35 \text{ V} \sim 2.75 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case8-SOIC ( $0.154^{\circ}$ , $3.90mm$ Width)Supplier Device Package8-SOIC	Voltage - Input Offset	$1\mu V$
Voltage - Supply, Single/Dual ( $\pm$ ) 2.7 V ~ 5.5 V, $\pm$ 1.35 V ~ 2.75 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	Current - Supply	570μΑ
Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-SOIC	Current - Output / Channel	50mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Voltage - Supply, Single/Dual (±)	2.7 V ~ 5.5 V, ±1.35 V ~ 2.75 V
Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Operating Temperature	-40°C ~ 125°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?

#### **OPA2335AID 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.

## **OPA2335AID Payment Methods**



















## **OPA2335AID Shipping Methods**













If you have any question about OPA2335AID, please do not hesitate to contact us!

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