



OPA3684IDR Information



For Reference Only

Part Number OPA3684IDR

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP CFA 1.9GHZ 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



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.









OPA3684IDR Specifications

Manufacturer Part Number OPA3684IDR 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 Current Feedback Number of Circuits 3 Output Type - Slew Rate 780 V/μs Gain Bandwidth Product 1.9GHz -3db Bandwidth 250MHz Current - Input Bias 5μA Voltage - Input Offset 1.5mV Current - Output / Channel 160mA Voltage - Supply, Single/Dual (±) 5 V ~ 12 V, ±2.5 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC		
Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 14-SOIC (0.154", 3.90mm Width) Series - Amplifier Type Current Feedback Number of Circuits 3 Output Type - Slew Rate 780 V/μs Gain Bandwidth Product 1.9GHz -3db Bandwidth 250MHz Current - Input Bias 5μA Voltage - Input Offset 1.5mV Current - Supply 1.7mA Current - Output / Channel 16mA Voltage - Supply, Single/Dual (±) 5 V ~ 12 V, ±2.5 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Manufacturer Part Number	OPA3684IDR
Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage14-SOIC (0.154", 3.90mm Width)Series-Amplifier TypeCurrent FeedbackNumber of Circuits3Output Type-Slew Rate780 V/μsGain Bandwidth Product1.9GHz-3db Bandwidth250MHzCurrent - Input Bias5μAVoltage - Input Offset1.5mVCurrent - Supply1.7mACurrent - Output / Channel160mAVoltage - Supply, Single/Dual (±)5 V ~ 12 V, ±2.5 V ~ 6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case14-SOIC (0.154", 3.90mm Width)Supplier Device Package14-SOIC	Manufacturer	Texas Instruments
Package 14-SOIC (0.154", 3.90mm Width) Series - Amplifier Type Current Feedback Number of Circuits 3 Output Type - Slew Rate 780 V/μs Gain Bandwidth Product 1.9GHz -3db Bandwidth 250MHz Current - Input Bias 5μA Voltage - Input Offset 1.5mV Current - Supply 1.7mA Current - Output / Channel 160mA Voltage - Supply, Single/Dual (±) 5 V ~ 12 V, ±2.5 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Category	Integrated Circuits (ICs)
Series - Amplifier Type Current Feedback Number of Circuits 3 Output Type - Slew Rate 780 V/μs Gain Bandwidth Product 1.9GHz -3db Bandwidth 250MHz Current - Input Bias 5μA Voltage - Input Offset 1.5mV Current - Supply 1.7mA Current - Output / Channel 160mA Voltage - Supply, Single/Dual (±) 5 V ~ 12 V, ±2.5 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier TypeCurrent FeedbackNumber of Circuits3Output Type-Slew Rate780 V/μsGain Bandwidth Product1.9GHz-3db Bandwidth250MHzCurrent - Input Bias5μAVoltage - Input Offset1.5mVCurrent - Supply1.7mACurrent - Output / Channel160mAVoltage - Supply, Single/Dual (±)5 V ~ 12 V, ±2.5 V ~ 6 VOperating Temperature-40°C ~ 85°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 3 Output Type - Slew Rate 780 V/μs Gain Bandwidth Product 1.9GHz -3db Bandwidth 250MHz Current - Input Bias 5μA Voltage - Input Offset 1.5mV Current - Supply 1.7mA Current - Output / Channel 160mA Voltage - Supply, Single/Dual (±) 5 V ~ 12 V, ±2.5 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Series	-
Output Type - Slew Rate 780 V/ μ s Gain Bandwidth Product 1.9GHz -3db Bandwidth 250MHz Current - Input Bias 5 μ A Voltage - Input Offset 1.5mV Current - Supply 1.7mA Current - Output / Channel 160mA Voltage - Supply, Single/Dual (\pm) 5 V ~ 12 V, \pm 2.5 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Amplifier Type	Current Feedback
Slew Rate 780 V/ μ s Gain Bandwidth Product 1.9GHz -3db Bandwidth 250MHz Current - Input Bias 5 μ A Voltage - Input Offset 1.5mV Current - Supply 1.7mA Current - Output / Channel 160mA Voltage - Supply, Single/Dual (\pm) 5 V ~ 12 V, \pm 2.5 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Number of Circuits	3
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Output Type	-
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	780 V/μs
Current - Input Bias $5\mu A$ Voltage - Input Offset $1.5mV$ Current - Supply $1.7mA$ Current - Output / Channel $160mA$ Voltage - Supply, Single/Dual (\pm) $5 V \sim 12 V, \pm 2.5 V \sim 6 V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount Package / Case 14-SOIC $(0.154^{\circ}, 3.90mm \text{ Width})$ Supplier Device Package 14-SOIC	Gain Bandwidth Product	1.9GHz
Voltage - Input Offset Current - Supply 1.7mA Current - Output / Channel Voltage - Supply, Single/Dual (±) 5 V ~ 12 V, ±2.5 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package	-3db Bandwidth	250MHz
Current - Supply 1.7mA Current - Output / Channel 160mA Voltage - Supply, Single/Dual (±) 5 V ~ 12 V, ±2.5 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Current - Input Bias	5μΑ
Current - Output / Channel 160mA Voltage - Supply, Single/Dual (±) 5 V ~ 12 V, ±2.5 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Voltage - Input Offset	1.5mV
Voltage - Supply, Single/Dual (\pm) 5 V ~ 12 V, \pm 2.5 V ~ 6 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Current - Supply	1.7mA
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Current - Output / Channel	160mA
Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Voltage - Supply, Single/Dual (±)	5 V ~ 12 V, ±2.5 V ~ 6 V
Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 14-SOIC	Mounting Type	Surface Mount
	Package / Case	14-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	14-SOIC
		Report errors?

OPA3684IDR 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.

OPA3684IDR Payment Methods



















OPA3684IDR Shipping Methods













If you have any question about OPA3684IDR, please do not hesitate to contact us!

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