



LT6231IS8#PBF Information



For Reference Only

Part Number LT6231IS8#PBF

Manufacturer Linear Technology

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 215MHZ RRO 8SO **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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LT6231IS8#PBF Specifications

Manufacturer Part Number LT6231IS8#PBF Manufacturer Linear Technology 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 70 V/μs Gain Bandwidth Product 215MHz -3db Bandwidth - Current - Input Bias 5μA Voltage - Input Offset 50μV Current - Supply 3.3mA Current - Output / Channel 30mA Voltage - Supply, Single/Dual (±) 3 V ~ 12.6 V, ±1.5 V ~ 6.3 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO		
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Series - Amplifier Type General Purpose Sumber of Circuits 2 Output Type Rail-to-Rail Slew Rate $70 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 215MHz - 3db Bandwidth Product 215MHz - 3db Bandwidth Current - Input Bias $5\mu\text{A}$ Voltage - Input Offset $50\mu\text{V}$ Current - Supply 3.3mA Current - Output / Channel 30mA Voltage - Supply, Single/Dual (\pm) $3 \text{ V} \sim 12.6 \text{ V}, \pm 1.5 \text{ V} \sim 6.3 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case $8-\text{SOIC}$ (0.154", 3.90mm Width)		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier TypeGeneral PurposeNumber of Circuits2Output TypeRail-to-RailSlew Rate70 V/μsGain Bandwidth Product215MHz-3db Bandwidth-Current - Input Bias5μAVoltage - Input Offset50μVCurrent - Supply3.3mACurrent - Output / Channel30mAVoltage - Supply, Single/Dual (±)3 V ~ 12.6 V, ±1.5 V ~ 6.3 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-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 70 V/ μ s Gain Bandwidth Product 215MHz -3db Bandwidth - Current - Input Bias 5 μ A Voltage - Input Offset 50 μ V Current - Output / Channel 30mA Voltage - Supply, Single/Dual (±) 3 V ~ 12.6 V, \pm 1.5 V ~ 6.3 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Series	-
Output Type Rail-to-Rail Slew Rate 70 V/ μ s Gain Bandwidth Product 215MHz -3db Bandwidth - Current - Input Bias 5 μ A Voltage - Input Offset 50 μ V Current - Supply 3.3mA Current - Output / Channel 30mA Voltage - Supply, Single/Dual (\pm) 3 V ~ 12.6 V, \pm 1.5 V ~ 6.3 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Amplifier Type	General Purpose
Slew Rate 70 V/ μ s Gain Bandwidth Product 215MHz -3db Bandwidth - Current - Input Bias 5 μ A Voltage - Input Offset 50 μ V Current - Supply 3.3mA Current - Output / Channel 30mA Voltage - Supply, Single/Dual (\pm) 3 V ~ 12.6 V, \pm 1.5 V ~ 6.3 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Number of Circuits	2
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Output Type	Rail-to-Rail
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	70 V/μs
Current - Input Bias $5\mu A$ Voltage - Input Offset $50\mu V$ Current - Supply $3.3mA$ Current - Output / Channel $30mA$ Voltage - Supply, Single/Dual (\pm) $3 V \sim 12.6 V$, $\pm 1.5 V \sim 6.3 V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount Package / Case $8-SOIC$ (0.154", 3.90mm Width)	Gain Bandwidth Product	215MHz
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	-
Current - Supply 3.3mA Current - Output / Channel 30mA Voltage - Supply, Single/Dual (\pm) $3\text{ V} \sim 12.6\text{ V}, \pm 1.5\text{ V} \sim 6.3\text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case 8-SOIC (0.154° , 3.90mm Width)	Current - Input Bias	5μΑ
Current - Output / Channel 30mA Voltage - Supply, Single/Dual (\pm) 3 V ~ 12.6 V, \pm 1.5 V ~ 6.3 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Voltage - Input Offset	50μV
Voltage - Supply, Single/Dual (\pm) 3 V ~ 12.6 V, \pm 1.5 V ~ 6.3 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Current - Supply	3.3mA
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Current - Output / Channel	30mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Voltage - Supply, Single/Dual (±)	3 V ~ 12.6 V, ±1.5 V ~ 6.3 V
Package / Case 8-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 85°C
	Mounting Type	Surface Mount
Supplier Device Package 8-SO	Package / Case	8-SOIC (0.154", 3.90mm Width)
Tr	Supplier Device Package	8-SO
Report errors		Report errors?

LT6231IS8#PBF 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.

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LT6231IS8#PBF Shipping Methods













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