



#### LT1226CS8#PBF Information



For Reference Only

Part Number LT1226CS8#PBF

Manufacturer Linear Technology

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP GP 1GHZ 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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# **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.









# LT1226CS8#PBF Specifications

Manufacturer Part Number         LT1226CS8#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         1           Output Type         -           Slew Rate         400 V/μs           Gain Bandwidth Product         1GHz           -3db Bandwidth         -           Current - Input Bias         4μA           Voltage - Input Offset         300μV           Current - Supply         7mA           Current - Output / Channel         40mA           Voltage - Supply, Single/Dual (±)         ±2.5 V ~ 15 V           Operating Temperature         0°C ~ 70°C           Mounting Type         Surface Mount           Package / Case         8-SOIC (0.154", 3.90mm Width)           Supplier Device Package         8-SO		
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Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-SOIC $(0.154", 3.90 \text{mm Width})$ Series-Amplifier TypeGeneral PurposeNumber of Circuits1Output Type-Slew Rate $400 \text{ V/}\mu\text{s}$ Gain Bandwidth Product $1\text{GHz}$ -3db Bandwidth-Current - Input Bias $4\mu\text{A}$ Voltage - Input Offset $300\mu\text{V}$ Current - Supply $7\text{mA}$ Current - Output / Channel $40\text{mA}$ Voltage - Supply, Single/Dual $(\pm)$ $\pm 2.5 \text{ V} \sim 15 \text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $8\text{-SOIC }(0.154", 3.90 \text{mm Width})$ Supplier Device Package $8\text{-SOIC }(0.154", 3.90 \text{mm Width})$	Manufacturer	Linear Technology
Package8-SOIC (0.154", 3.90mm Width)Series-Amplifier TypeGeneral PurposeNumber of Circuits1Output Type-Slew Rate400 V/μsGain Bandwidth Product1GHz-3db Bandwidth-Current - Input Bias4μAVoltage - Input Offset300μVCurrent - Output / Channel40mAVoltage - Supply, Single/Dual (±)±2.5 V ~ 15 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SO	Category	Integrated Circuits (ICs)
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Number of Circuits1Output Type-Slew Rate $400 \text{ V/μs}$ Gain Bandwidth Product $1\text{GHz}$ -3db Bandwidth-Current - Input Bias $4\mu\text{A}$ Voltage - Input Offset $300\mu\text{V}$ Current - Supply $7\text{mA}$ Current - Output / Channel $40\text{mA}$ Voltage - Supply, Single/Dual (±) $\pm 2.5 \text{ V} \sim 15 \text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $8\text{-SOIC }(0.154^{\circ}\text{H}, 3.90\text{mm Width})$ Supplier Device Package $8\text{-SO}$	Series	-
Output Type - Slew Rate $400 \text{ V/}\mu\text{s}$ Gain Bandwidth Product $1\text{GHz}$ - $3\text{db Bandwidth}$ - Current - Input Bias $4\mu\text{A}$ Voltage - Input Offset $300\mu\text{V}$ Current - Supply $7\text{mA}$ Current - Output / Channel $40\text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $\pm 2.5 \text{ V} \sim 15 \text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case $8\text{-SOIC }(0.154^{\circ}, 3.90\text{mm Width})$ Supplier Device Package $8\text{-SO}$	Amplifier Type	General Purpose
Slew Rate $400 \text{ V/}\mu\text{s}$ Gain Bandwidth Product $1\text{GHz}$ -3db Bandwidth -  Current - Input Bias $4\mu\text{A}$ Voltage - Input Offset $300\mu\text{V}$ Current - Supply $7\text{mA}$ Current - Output / Channel $40\text{mA}$ Voltage - Supply, Single/Dual (±) $\pm 2.5 \text{ V} \sim 15 \text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting Type $2\text{Surface Mount}$ Package / Case $2\text{Supple Package}$ 8-SOIC (0.154", 3.90mm Width)	Number of Circuits	1
Gain Bandwidth Product  -3db Bandwidth  - Current - Input Bias  Voltage - Input Offset  300μV  Current - Supply  7mA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  40mA  Voltage - Supply, Single/Dual (±)  0°C ~ 70°C  Mounting Type  Surface Mount  Package / Case  8-SOIC (0.154", 3.90mm Width)  Supplier Device Package	Output Type	-
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Slew Rate	400 V/μs
Current - Input Bias $4\mu A$ Voltage - Input Offset $300\mu V$ Current - Supply $7mA$ Current - Output / Channel $40mA$ Voltage - Supply, Single/Dual (±) $\pm 2.5 \ V \sim 15 \ V$ Operating Temperature $0^{\circ}C \sim 70^{\circ}C$ Mounting Type Surface Mount  Package / Case $8$ -SOIC $(0.154^{\circ}, 3.90mm \ Width)$ Supplier Device Package $8$ -SO	Gain Bandwidth Product	1GHz
Voltage - Input Offset $300\mu V$ Current - Supply $7mA$ Current - Output / Channel $40mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $\pm 2.5 \ V \sim 15 \ V$ Operating Temperature $0^{\circ}C \sim 70^{\circ}C$ Mounting Type Surface Mount Package / Case $8$ -SOIC $(0.154", 3.90mm \ Width)$ Supplier Device Package	-3db Bandwidth	-
Current - Supply Current - Output / Channel 40mA  Voltage - Supply, Single/Dual (±) 42.5 V ~ 15 V  Operating Temperature 0°C ~ 70°C  Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-SO	Current - Input Bias	4μA
Current - Output / Channel 40mA  Voltage - Supply, Single/Dual (±) ±2.5 V ~ 15 V  Operating Temperature 0°C ~ 70°C  Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-SO	Voltage - Input Offset	300μV
Voltage - Supply, Single/Dual ( $\pm$ ) $\pm 2.5 \text{ V} \sim 15 \text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-SO	Current - Supply	7mA
Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-SO	Current - Output / Channel	40mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO	Voltage - Supply, Single/Dual (±)	±2.5 V ~ 15 V
Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SO	Operating Temperature	0°C ~ 70°C
Supplier Device Package 8-SO	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	8-SO
		Report errors?

### LT1226CS8#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.

# LT1226CS8#PBF Payment Methods





















### LT1226CS8#PBF Shipping Methods













If you have any question about LT1226CS8#PBF, please do not hesitate to contact us!

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