

# LTC2055HVIMS8#PBF

### LTC2055HVIMS8#PBF Information



For Reference Only

Part NumberLTC2055HVIMS8#PBFManufacturerLinear TechnologyCategoryIntegrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description**IC OPAMP CHOPPER 500KHZ 8MSOP**Package**8-TSSOP, 8-MSOP (0.118", 3.00mm 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.









## LTC2055HVIMS8#PBF Specifications

$\begin{array}{llllllllllllllllllllllllllllllllllll$		
Category Integrated Circuits (ICs)  Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  Package 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)  Series -  Amplifier Type Zero-Drift  Number of Circuits 2  Output Type Rail-to-Rail  Slew Rate 0.5 V/ $\mu$ s  Gain Bandwidth Product 500kHz  -3db Bandwidth -  Current - Input Bias 3pA  Voltage - Input Offset 0.5 $\mu$ V  Current - Supply 150 $\mu$ A  Current - Output / Channel  Voltage - Supply, Single/Dual ( $\pm$ ) 2.7 V ~ 11 V, $\pm$ 1.35 V ~ 5.5 V  Operating Temperature -40°C ~ 85°C	Manufacturer Part Number	LTC2055HVIMS8#PBF
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Output Type Rail-to-Rail  Slew Rate 0.5 V/ $\mu$ s  Gain Bandwidth Product 500kHz  -3db Bandwidth  - Current - Input Bias 3pA  Voltage - Input Offset 0.5 $\mu$ V  Current - Supply 150 $\mu$ A  Current - Output / Channel  Voltage - Supply, Single/Dual ( $\pm$ ) 2.7 V ~ 11 V, $\pm$ 1.35 V ~ 5.5 V  Operating Temperature -40°C ~ 85°C	Amplifier Type	Zero-Drift
Slew Rate $0.5 \text{ V/}\mu\text{s}$ Gain Bandwidth Product $500\text{kHz}$ -3db Bandwidth  Current - Input Bias $3pA$ Voltage - Input Offset $0.5\mu\text{V}$ Current - Supply $150\mu\text{A}$ Current - Output / Channel  Voltage - Supply, Single/Dual ( $\pm$ ) $2.7 \text{ V} \sim 11 \text{ V}, \pm 1.35 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Number of Circuits	2
	Output Type	Rail-to-Rail
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	0.5 V/μs
Current - Input Bias $3pA$ Voltage - Input Offset $0.5\mu V$ Current - Supply $150\mu A$ Current - Output / Channel -  Voltage - Supply, Single/Dual (±) $2.7 \ V \sim 11 \ V, \pm 1.35 \ V \sim 5.5 \ V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$	Gain Bandwidth Product	500kHz
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	-
Current - Supply $150\mu A$ Current - Output / Channel - Voltage - Supply, Single/Dual ( $\pm$ ) $2.7 \text{ V} \sim 11 \text{ V}, \pm 1.35 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Current - Input Bias	3pA
Current - Output / Channel - Voltage - Supply, Single/Dual ( $\pm$ ) 2.7 V ~ 11 V, $\pm$ 1.35 V ~ 5.5 V Operating Temperature -40°C ~ 85°C	Voltage - Input Offset	0.5μV
Voltage - Supply, Single/Dual ( $\pm$ ) 2.7 V ~ 11 V, $\pm$ 1.35 V ~ 5.5 V Operating Temperature -40°C ~ 85°C	Current - Supply	150μΑ
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$	Current - Output / Channel	-
	Voltage - Supply, Single/Dual (±)	2.7 V ~ 11 V, ±1.35 V ~ 5.5 V
Mounting Type Surface Mount	Operating Temperature	-40°C ~ 85°C
	Mounting Type	Surface Mount
Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Supplier Device Package 8-MSOP	Supplier Device Package	8-MSOP
Report errors		Report errors?

#### LTC2055HVIMS8#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.

## LTC2055HVIMS8#PBF Payment Methods



















## LTC2055HVIMS8#PBF Shipping Methods













If you have any question about LTC2055HVIMS8#PBF, please do not hesitate to contact us!

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