

LT6100IMS8#TRPBF

LT6100IMS8#TRPBF Information



For Reference Only

Part Number LT6100IMS8#TRPBF
Manufacturer Linear Technology
Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

DescriptionIC OPAMP CURR SENSE 150KHZ 8MSOPPackage8-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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LT6100IMS8#TRPBF Specifications

Manufacturer Part Number LT6100IMS8#TRPBF Manufacturer Linear Technology Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Series - Amplifier Type Current Sense Number of Circuits 1 Output Type - Slew Rate 0.05 V/μs Gain Bandwidth Product - -3db Bandwidth 150kHz Current - Input Bias - Voltage - Input Offset 80μV Current - Supply 60μA Current - Output / Channel 15mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 36 V, ±1.35 V ~ 18 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MSOP		
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Slew Rate 0.05 V/ μ s Gain Bandwidth Product3db Bandwidth 150kHz Current - Input Bias - Voltage - Input Offset 80 μ V Current - Supply 60 μ A Current - Output / Channel 15mA Voltage - Supply, Single/Dual (\pm) 2.7 V ~ 36 V, \pm 1.35 V ~ 18 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MSOP	Number of Circuits	1
Gain Bandwidth Product -3db Bandwidth 150kHz Current - Input Bias - Voltage - Input Offset 80 μ V Current - Supply 60 μ A Current - Output / Channel 15mA Voltage - Supply, Single/Dual (\pm) 2.7 V ~ 36 V, \pm 1.35 V ~ 18 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package	Output Type	-
$-3 db \ Bandwidth $	Slew Rate	0.05 V/μs
$\begin{array}{llll} & & & & & & & & & & & & & & & & & $	Gain Bandwidth Product	-
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	150kHz
Current - Supply $60\mu A$ Current - Output / Channel $15mA$ Voltage - Supply, Single/Dual (±) $2.7 \text{ V} \sim 36 \text{ V}, \pm 1.35 \text{ V} \sim 18 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount $-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $-875^{\circ}\text{C} \sim 875^{\circ}\text{C} \sim 875^{\circ}\text{C}$ Supplier Device Package $-875^{\circ}\text{C} \sim 875^{\circ}\text{C} \sim 875^{\circ}\text{C}$	Current - Input Bias	-
Current - Output / Channel $15mA$ Voltage - Supply, Single/Dual (\pm) $2.7 \text{ V} \sim 36 \text{ V}, \pm 1.35 \text{ V} \sim 18 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $8\text{-TSSOP}, 8\text{-MSOP}$ ($0.118\text{"}, 3.00\text{mm}$ Width)Supplier Device Package 8-MSOP	Voltage - Input Offset	80μV
Voltage - Supply, Single/Dual (\pm) 2.7 V ~ 36 V, \pm 1.35 V ~ 18 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MSOP	Current - Supply	60μΑ
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MSOP	Current - Output / Channel	15mA
Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MSOP	Voltage - Supply, Single/Dual (±)	2.7 V ~ 36 V, ±1.35 V ~ 18 V
Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Supplier Device Package 8-MSOP	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 8-MSOP	Mounting Type	Surface Mount
	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
	Supplier Device Package	8-MSOP
Report errors		Report errors?

LT6100IMS8#TRPBF 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.

LT6100IMS8#TRPBF Payment Methods



















LT6100IMS8#TRPBF Shipping Methods













If you have any question about LT6100IMS8#TRPBF, please do not hesitate to contact us!

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