



LTC6090CFE#PBF Information



For Reference Only

Part Number LTC6090CFE#PBF
Manufacturer Linear Technology
Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 10MHZ RRO 16TSSOP

Package 16-TSSOP (0.173", 4.40mm Width) Exposed Pad

For the pricing/inventory/lead time, please contact

us

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



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LTC6090CFE#PBF Specifications

Manufacturer Part Number Manufacturer Linear Technology Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 16-TSSOP (0.173", 4.40mm Width) Exposed Pad Series - Amplifier Type General Purpose Number of Circuits 1 Output Type Rail-to-Rail Slew Rate 21 V/µs Gain Bandwidth Product 12MHz -3db Bandwidth - Current - Input Bias 3pA Voltage - Input Offset 330µV Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature Mounting Type Package / Case Supplier Device Package Linear Technology Intechnology Integrated Circuits (ICs) Linear - Instrumentation, OP Amps, Buffer Amps Report errors?		
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Series - General Purpose Number of Circuits 1 Output Type Rail-to-Rail Slew Rate 21 V/µs Gain Bandwidth Product 12MHz -3db Bandwidth - Current - Input Bias 3pA Voltage - Input Offset 330µV Current - Supply 2.8mA Current - Output / Channel 90mA Voltage - Supply, Single/Dual (±) 9.5 V ~ 140 V, ±4.75 V ~ 70V Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Package / Case 16-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 16-TSSOP-EP		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
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Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 3pA Voltage - Input Offset 330µV Current - Supply 2.8mA Current - Output / Channel 90mA Voltage - Supply, Single/Dual (±) 9.5 V ~ 140 V, ±4.75 V ~ 70V Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Package / Case 16-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package	Output Type	Rail-to-Rail
$-3 db \ Bandwidth \\ Current - Input \ Bias \\ 3pA \\ Voltage - Input \ Offset \\ 330 \mu V \\ Current - Supply \\ 2.8 mA \\ Current - Output / Channel \\ 90 mA \\ Voltage - Supply, Single/Dual (\pm) 9.5 \ V \sim 140 \ V, \pm 4.75 \ V \sim 70 V \\ Operating \ Temperature \\ 0^{\circ}C \sim 70^{\circ}C \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ 16-TSSOP (0.173'', 4.40 mm \ Width) \ Exposed \ Pad \\ Supplier \ Device \ Package \\ 16-TSSOP-EP$	Slew Rate	21 V/μs
Current - Input Bias $3pA$ Voltage - Input Offset $330\mu V$ Current - Supply $2.8mA$ Current - Output / Channel $90mA$ Voltage - Supply, Single/Dual (\pm) $9.5 \ V \sim 140 \ V$, $\pm 4.75 \ V \sim 70 V$ Operating Temperature $0^{\circ}C \sim 70^{\circ}C$ Mounting Type Surface Mount Package / Case 16-TSSOP (0.173° , $4.40mm$ Width) Exposed Pad Supplier Device Package 16-TSSOP-EP	Gain Bandwidth Product	12MHz
$Voltage - Input Offset \\ 330 \mu V \\ Current - Supply \\ 2.8mA \\ Current - Output / Channel \\ 90mA \\ Voltage - Supply, Single/Dual (\pm) 9.5 \text{ V} \sim 140 \text{ V}, \pm 4.75 \text{ V} \sim 70 \text{V} \\ Operating Temperature \\ 0^{\circ}\text{C} \sim 70^{\circ}\text{C} \\ Mounting Type \\ Surface Mount \\ Package / Case \\ 16-TSSOP (0.173", 4.40mm Width) Exposed Pad \\ Supplier Device Package \\ 16-TSSOP-EP$	-3db Bandwidth	-
Current - Supply 2.8mA Current - Output / Channel 90mA Voltage - Supply, Single/Dual (±) 9.5 V ~ 140 V, ±4.75 V ~ 70V Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Package / Case 16-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 16-TSSOP-EP	Current - Input Bias	3pA
Current - Output / Channel 90mA Voltage - Supply, Single/Dual (±) 9.5 V ~ 140 V, ±4.75 V ~ 70V Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Package / Case 16-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 16-TSSOP-EP	Voltage - Input Offset	330μV
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Operating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-TSSOP (0.173", 4.40mm Width) Exposed PadSupplier Device Package16-TSSOP-EP	Current - Output / Channel	90mA
Mounting Type Surface Mount Package / Case 16-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 16-TSSOP-EP	Voltage - Supply, Single/Dual (±)	9.5 V ~ 140 V, ±4.75 V ~ 70V
Package / Case 16-TSSOP (0.173", 4.40mm Width) Exposed Pad Supplier Device Package 16-TSSOP-EP	Operating Temperature	0°C ~ 70°C
Supplier Device Package 16-TSSOP-EP	Mounting Type	Surface Mount
	Package / Case	16-TSSOP (0.173", 4.40mm Width) Exposed Pad
Report errors?	Supplier Device Package	16-TSSOP-EP
report errors.		Report errors?

LTC6090CFE#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.

LTC6090CFE#PBF Payment Methods



















LTC6090CFE#PBF Shipping Methods













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