

## LT1995CMS#TRPBF

#### LT1995CMS#TRPBF Information



For Reference Only

Part Number LT1995CMS#TRPBF
Manufacturer Linear Technology
Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP PGA 32MHZ 10MSOP

**Package** 10-TFSOP, 10-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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## LT1995CMS#TRPBF Specifications

Manufacturer Part Number  Manufacturer  Category  Integrated Circuits (ICs)  Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  Package  10-TFSOP, 10-MSOP (0.118", 3.00mm Width)  Series  Amplifier Type  Programmable Gain  Number of Circuits  1  Output Type  Slew Rate  1000 V/µs  Gain Bandwidth Product  -3db Bandwidth  32MHz  Current - Input Bias  Voltage - Input Offset  Current - Supply  7.1mA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  Mounting Type  Surface Mount  Package / Case  10-TFSOP, 10-MSOP (0.118", 3.00mm Width)  Supplier Device Package  10-MSOP		
CategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage10-TFSOP, 10-MSOP (0.118", 3.00mm Width)Series-Amplifier TypeProgrammable GainNumber of Circuits1Output Type-Slew Rate1000 V/μsGain Bandwidth Product3db Bandwidth32MHzCurrent - Input Bias-Voltage - Input Offset500μVCurrent - Output / Channel120mAVoltage - Supply, Single/Dual (±)5 V ~ 30 V, ±2.5 V ~ 15 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	Manufacturer Part Number	LT1995CMS#TRPBF
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         10-TFSOP, 10-MSOP (0.118", 3.00mm Width)           Series         -           Amplifier Type         Programmable Gain           Number of Circuits         1           Output Type         -           Slew Rate         1000 V/μs           Gain Bandwidth Product         -           -3db Bandwidth         32MHz           Current - Input Bias         -           Voltage - Input Offset         500μV           Current - Supply         7.1mA           Current - Output / Channel         120mA           Voltage - Supply, Single/Dual (±)         5 V ~ 30 V, ±2.5 V ~ 15 V           Operating Temperature         0°C ~ 70°C           Mounting Type         Surface Mount           Package / Case         10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	Manufacturer	Linear Technology
Package 10-TFSOP, 10-MSOP (0.118", 3.00mm Width)  Series - Amplifier Type Programmable Gain  Number of Circuits 1 Output Type - Slew Rate 1000 V/μs  Gain Bandwidth Product3db Bandwidth Product3db Bandwidth Current - Input Bias - Voltage - Input Offset 500μV  Current - Supply 7.1mA  Current - Output / Channel 120mA  Voltage - Supply, Single/Dual (±) 5 V ~ 30 V, ±2.5 V ~ 15 V  Operating Temperature 0°C ~ 70°C  Mounting Type Surface Mount  Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	Category	Integrated Circuits (ICs)
Series - Amplifier Type Programmable Gain  Number of Circuits 1  Output Type - Slew Rate 1000 V/µs  Gain Bandwidth Product		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type Programmable Gain Number of Circuits 1  Output Type - Slew Rate 1000 V/ $\mu$ s  Gain Bandwidth Product3db Bandwidth S2MHz  Current - Input Bias - Voltage - Input Offset 500 $\mu$ V  Current - Supply 7.1mA  Current - Output / Channel 120mA  Voltage - Supply, Single/Dual ( $\pm$ ) 5 V ~ 30 V, $\pm$ 2.5 V ~ 15 V  Operating Temperature 0°C ~ 70°C  Mounting Type Surface Mount  Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	Package	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
Number of Circuits   Output Type   - Slew Rate $1000 \text{ V/}\mu\text{s}$ Gain Bandwidth Product   - 3db Bandwidth   Current - Input Bias   - Voltage - Input Offset $500\mu\text{V}$ Current - Supply $7.1\text{mA}$ Current - Output / Channel $120\text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $5 \text{ V} \sim 30 \text{ V}, \pm 2.5 \text{ V} \sim 15 \text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting Type   Surface Mount   Package / Case $10-\text{TFSOP}, 10-\text{MSOP} (0.118", 3.00\text{mm} \text{ Width})$	Series	-
Output Type  Slew Rate  1000 V/µs  Gain Bandwidth Product  -3db Bandwidth  Current - Input Bias  Voltage - Input Offset  500µV  Current - Supply  7.1mA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  7.1mA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Sov ~ 30 V, ±2.5 V ~ 15 V  Operating Temperature  0°C ~ 70°C  Mounting Type  Surface Mount  Package / Case  10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	Amplifier Type	Programmable Gain
Slew Rate $1000 \text{ V/}\mu\text{s}$ Gain Bandwidth Product $-3\text{db Bandwidth}$ $2\text{Urrent - Input Bias}$ $Voltage - Input Offset$ $500\mu\text{V}$ $Current - Supply$ $7.1\text{mA}$ $Current - Output / Channel$ $120\text{mA}$ $Voltage - Supply, Single/Dual (\pm) 5 \text{ V} \sim 30 \text{ V}, \pm 2.5 \text{ V} \sim 15 \text{ V} Operating Temperature 0^{\circ}\text{C} \sim 70^{\circ}\text{C} Mounting Type Surface Mount Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00\text{mm Width})$	Number of Circuits	1
Gain Bandwidth Product 3db Bandwidth 32MHz  Current - Input Bias - Voltage - Input Offset 500 $\mu$ V  Current - Supply 7.1mA  Current - Output / Channel 120mA  Voltage - Supply, Single/Dual ( $\pm$ ) 5 V ~ 30 V, $\pm$ 2.5 V ~ 15 V  Operating Temperature 0°C ~ 70°C  Mounting Type Surface Mount  Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	Output Type	-
$-3db \ Bandwidth \\ Current - Input \ Bias \\ - \\ Voltage - Input \ Offset \\ 500 \mu V \\ Current - Supply \\ Current - Output / Channel \\ Voltage - Supply, Single/Dual (\pm) 5 \ V \sim 30 \ V, \pm 2.5 \ V \sim 15 \ V \\ Operating \ Temperature \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ 10-TFSOP, 10-MSOP (0.118", 3.00mm \ Width)$	Slew Rate	$1000 \text{ V/}\mu\text{s}$
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Gain Bandwidth Product	-
$Voltage - Input Offset \\ Current - Supply \\ 7.1mA \\ Current - Output / Channel \\ 120mA \\ Voltage - Supply, Single/Dual (\pm) 5 \ V \sim 30 \ V, \pm 2.5 \ V \sim 15 \ V \\ Operating Temperature \\ 0^{\circ}C \sim 70^{\circ}C \\ Mounting Type \\ Surface Mount \\ Package / Case \\ 10-TFSOP, 10-MSOP (0.118'', 3.00mm Width)$	-3db Bandwidth	32MHz
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Current - Output / Channel 120mA  Voltage - Supply, Single/Dual ( $\pm$ ) 5 V ~ 30 V, $\pm$ 2.5 V ~ 15 V  Operating Temperature 0°C ~ 70°C  Mounting Type Surface Mount  Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	Voltage - Input Offset	500μV
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	Current - Output / Channel	120mA
Mounting Type Surface Mount Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	Voltage - Supply, Single/Dual (±)	5 V ~ 30 V, ±2.5 V ~ 15 V
Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	Operating Temperature	0°C ~ 70°C
	Mounting Type	Surface Mount
Supplier Device Package 10-MSOP	Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
	Supplier Device Package	10-MSOP
Report errors		Report errors?

#### LT1995CMS#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.

#### LT1995CMS#TRPBF Payment Methods





















### LT1995CMS#TRPBF Shipping Methods













If you have any question about LT1995CMS#TRPBF, please do not hesitate to contact us!

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