

# LTC6101VHVBHS5#TRPBF

### LTC6101VHVBHS5#TRPBF Information



For Reference Only

Part Number LTC6101VHVBHS5#TRPBF

Manufacturer Linear Technology

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** LINEAR OPERATIONAL (OP) AMP

Package SOT-23-5 Thin, TSOT-23-5

For the pricing/inventory/lead time, please contact

us

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



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## LTC6101VHVBHS5#TRPBF Specifications

Manufacturer Part Number  Manufacturer  Linear Technology  Integrated Circuits (ICs)  Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  Package  SOT-23-5 Thin, TSOT-23-5  Series  - Amplifier Type  Current Sense  Number of Circuits  1  Output Type  - Slew Rate  Gain Bandwidth Product  -3db Bandwidth  - Current - Input Bias  100nA  Voltage - Input Offset  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  Mounting Type  Package / Case  Supplier Device Package  Report errors?		
Category   Integrated Circuits (ICs)	Manufacturer Part Number	LTC6101VHVBHS5#TRPBF
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps         Package       SOT-23-5 Thin, TSOT-23-5         Series       -         Amplifier Type       Current Sense         Number of Circuits       1         Output Type       -         Slew Rate       -         Gain Bandwidth Product       200kHz         -3db Bandwidth       -         Current - Input Bias       100nA         Voltage - Input Offset       150μV         Current - Supply       200μA         Current - Output / Channel       1mA         Voltage - Supply, Single/Dual (±)       5 V ~ 100 V         Operating Temperature       -40°C ~ 125°C         Mounting Type       Surface Mount         Package / Case       SOT-23-5 Thin, TSOT-23-5         Supplier Device Package       TSOT-23-5	Manufacturer	Linear Technology
Package         SOT-23-5 Thin, TSOT-23-5           Series         -           Amplifier Type         Current Sense           Number of Circuits         1           Output Type         -           Slew Rate         -           Gain Bandwidth Product         200kHz           -3db Bandwidth         -           Current - Input Bias         100nA           Voltage - Input Offset         150μV           Current - Supply         200μA           Current - Output / Channel         1mA           Voltage - Supply, Single/Dual (±)         5 V ~ 100 V           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         SOT-23-5 Thin, TSOT-23-5           Supplier Device Package         TSOT-23-5	Category	Integrated Circuits (ICs)
Series         -           Amplifier Type         Current Sense           Number of Circuits         1           Output Type         -           Slew Rate         -           Gain Bandwidth Product         200kHz           -3db Bandwidth         -           Current - Input Bias         100nA           Voltage - Input Offset         150μV           Current - Supply         200μA           Current - Output / Channel         1mA           Voltage - Supply, Single/Dual (±)         5 V ~ 100 V           Operating Temperature         -40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         SOT-23-5 Thin, TSOT-23-5           Supplier Device Package         TSOT-23-5		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier TypeCurrent SenseNumber of Circuits1Output Type-Slew Rate-Gain Bandwidth Product200kHz-3db Bandwidth-Current - Input Bias100nAVoltage - Input Offset150μVCurrent - Supply200μACurrent - Output / Channel1mAVoltage - Supply, Single/Dual (±)5 V ~ 100 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-5 Thin, TSOT-23-5Supplier Device PackageTSOT-23-5	Package	SOT-23-5 Thin, TSOT-23-5
Number of Circuits  Output Type  Slew Rate  - Gain Bandwidth Product -3db Bandwidth - Current - Input Bias  100nA  Voltage - Input Offset  Current - Supply  200µA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  SOT-23-5 Thin, TSOT-23-5  Supplier Device Package  1 0 0 NHZ  - Current - Output / Channel  Supplier Device Package  TSOT-23-5	Series	-
Output Type  Slew Rate  Gain Bandwidth Product  -3db Bandwidth  -Current - Input Bias  Voltage - Input Offset  Current - Supply  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  Mounting Type  Surface Mount  Package / Case  Supplier Device Package	Amplifier Type	Current Sense
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Number of Circuits	1
Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 100nA Voltage - Input Offset 150μV Current - Supply 200μA Current - Output / Channel ImA Voltage - Supply, Single/Dual (±) 5 V ~ 100 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package TSOT-23-5	Output Type	-
$-3 db \ Bandwidth \\ -Current - Input \ Bias \\ 100 nA \\ Voltage - Input \ Offset \\ 150 \mu V \\ Current - Supply \\ 200 \mu A \\ Current - Output / Channel \\ Voltage - Supply, Single/Dual (\pm) 5 \ V \sim 100 \ V \\ Operating \ Temperature \\ -40^{\circ}C \sim 125^{\circ}C \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ SOT-23-5 \ Thin, \ TSOT-23-5 \\ Supplier \ Device \ Package \\ TSOT-23-5 \\ $	Slew Rate	-
Current - Input Bias $100nA$ Voltage - Input Offset $150\mu V$ Current - Supply $200\mu A$ Current - Output / Channel $1mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $5 V \sim 100 V$ Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$ Mounting Type Surface Mount  Package / Case $SOT-23-5$ Thin, TSOT-23-5  Supplier Device Package $TSOT-23-5$	Gain Bandwidth Product	200kHz
Voltage - Input Offset	-3db Bandwidth	-
Current - Supply $200\mu A$ Current - Output / Channel $1mA$ Voltage - Supply, Single/Dual (±) $5 \text{ V} \sim 100 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5  Supplier Device Package TSOT-23-5	Current - Input Bias	100nA
Current - Output / Channel $1mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $5 \text{ V} \sim 100 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / CaseSOT-23-5 Thin, TSOT-23-5Supplier Device PackageTSOT-23-5	Voltage - Input Offset	150μV
Voltage - Supply, Single/Dual ( $\pm$ ) 5 V ~ 100 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package TSOT-23-5	Current - Supply	200μΑ
Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  SOT-23-5 Thin, TSOT-23-5  Supplier Device Package  TSOT-23-5	Current - Output / Channel	1mA
Mounting Type Surface Mount Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package TSOT-23-5	Voltage - Supply, Single/Dual (±)	5 V ~ 100 V
Package / Case SOT-23-5 Thin, TSOT-23-5 Supplier Device Package TSOT-23-5	Operating Temperature	-40°C ~ 125°C
Supplier Device Package TSOT-23-5	Mounting Type	Surface Mount
	Package / Case	SOT-23-5 Thin, TSOT-23-5
Report errors?	Supplier Device Package	TSOT-23-5
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### LTC6101VHVBHS5#TRPBF Guarantees



#### **Ouality 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.

## LTC6101VHVBHS5#TRPBF Payment Methods





















## LTC6101VHVBHS5#TRPBF Shipping Methods













If you have any question about LTC6101VHVBHS5#TRPBF, please do not hesitate to contact us!

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