

# LT1359CS#TRPBF

#### LT1359CS#TRPBF Information



For Reference Only

Part Number LT1359CS#TRPBF
Manufacturer Linear Technology
Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP VFB 25MHZ 16SO **Package** 16-SOIC (0.154", 3.90mm 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**

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## LT1359CS#TRPBF Specifications

Manufacturer Part Number       LT1359CS#TRPBF         Manufacturer       Linear Technology         Category       Integrated Circuits (ICs)         Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps         Package       16-SOIC (0.154", 3.90mm Width)         Series       C-Load?         Amplifier Type       Voltage Feedback         Number of Circuits       4         Output Type       -         Slew Rate       600 V/μs         Gain Bandwidth Product       25MHz         -3db Bandwidth       -         Current - Input Bias       120nA         Voltage - Input Offset       200μV         Current - Supply       2mA         Current - Output / Channel       30mA         Voltage - Supply, Single/Dual (±)       ±2.5 V ~ 15 V         Operating Temperature       0°C ~ 70°C         Mounting Type       Surface Mount         Package / Case       16-SOIC (0.154", 3.90mm Width)         Supplier Device Package       16-SOIC (0.154", 3.90mm Width)		
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Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage16-SOIC (0.154", 3.90mm Width)SeriesC-Load?Amplifier TypeVoltage FeedbackNumber of Circuits4Output Type-Slew Rate600 V/μsGain Bandwidth Product25MHz-3db Bandwidth-Current - Input Bias120nAVoltage - Input Offset200μVCurrent - Supply2mACurrent - Output / Channel30mAVoltage - Supply, Single/Dual (±)±2.5 V ~ 15 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SO	Manufacturer	Linear Technology
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SeriesC-Load?Amplifier TypeVoltage FeedbackNumber of Circuits4Output Type-Slew Rate600 V/μsGain Bandwidth Product25MHz-3db Bandwidth-Current - Input Bias120nAVoltage - Input Offset200μVCurrent - Supply2mACurrent - Output / Channel30mAVoltage - Supply, Single/Dual (±)±2.5 V ~ 15 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SO		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier TypeVoltage FeedbackNumber of Circuits4Output Type-Slew Rate600 V/μsGain Bandwidth Product25MHz-3db Bandwidth-Current - Input Bias120nAVoltage - Input Offset200μVCurrent - Supply2mACurrent - Output / Channel30mAVoltage - Supply, Single/Dual (±)±2.5 V ~ 15 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SO	Package	16-SOIC (0.154", 3.90mm Width)
Number of Circuits 4 Output Type - Slew Rate 600 V/ $\mu$ s Gain Bandwidth Product 25MHz -3db Bandwidth - Current - Input Bias 120nA Voltage - Input Offset 200 $\mu$ V Current - Supply 2mA Current - Output / Channel 30mA Voltage - Supply, Single/Dual (±) ±2.5 V ~ 15 V Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SO	Series	C-Load?
Output Type  Slew Rate  600 V/µs  Gain Bandwidth Product  -3db Bandwidth  -Current - Input Bias  120nA  Voltage - Input Offset  200µV  Current - Supply  2mA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  42.5 V ~ 15 V  Operating Temperature  0°C ~ 70°C  Mounting Type  Surface Mount  Package / Case  16-SOIC (0.154", 3.90mm Width)  Supplier Device Package	Amplifier Type	Voltage Feedback
Slew Rate $600 \text{ V/}\mu\text{s}$ Gain Bandwidth Product $25\text{MHz}$ -3db Bandwidth -  Current - Input Bias $120\text{nA}$ Voltage - Input Offset $200\mu\text{V}$ Current - Supply $2\text{mA}$ Current - Output / Channel $30\text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $\pm 2.5 \text{ V} \sim 15 \text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting Type $2\text{ma}$ Surface Mount $2\text{ma}$ Package / Case $2\text{ma}$ 16-SOIC (0.154", 3.90mm Width)	Number of Circuits	4
Gain Bandwidth Product  -3db Bandwidth  - Current - Input Bias  120nA  Voltage - Input Offset  200μV  Current - Supply  2mA  Current - Output / Channel  30mA  Voltage - Supply, Single/Dual (±)  42.5 V ~ 15 V  Operating Temperature  0°C ~ 70°C  Mounting Type  Surface Mount  Package / Case  16-SOIC (0.154", 3.90mm Width)  Supplier Device Package	Output Type	-
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Slew Rate	600 V/μs
Current - Input Bias 120nA  Voltage - Input Offset 200 $\mu$ V  Current - Supply 2mA  Current - Output / Channel 30mA  Voltage - Supply, Single/Dual ( $\pm$ ) $\pm 2.5 \text{ V} \sim 15 \text{ V}$ Operating Temperature 0°C ~ 70°C  Mounting Type Surface Mount  Package / Case 16-SOIC (0.154", 3.90mm Width)  Supplier Device Package 16-SO	Gain Bandwidth Product	25MHz
Voltage - Input Offset $200\mu V$ Current - Supply $2mA$ $30mA$ Current - Output / Channel $30mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $\pm 2.5 \ V \sim 15 \ V$ Operating Temperature $0^{\circ}C \sim 70^{\circ}C$ Mounting Type Surface Mount Package / Case $16\text{-SOIC}$ $(0.154^{\circ}, 3.90mm \text{ Width})$ Supplier Device Package	-3db Bandwidth	-
Current - Supply Current - Output / Channel 30mA  Voltage - Supply, Single/Dual (±) 42.5 V ~ 15 V  Operating Temperature 0°C ~ 70°C  Mounting Type Surface Mount  Package / Case 16-SOIC (0.154", 3.90mm Width)  Supplier Device Package 16-SO	Current - Input Bias	120nA
Current - Output / Channel 30mA  Voltage - Supply, Single/Dual (±) ±2.5 V ~ 15 V  Operating Temperature 0°C ~ 70°C  Mounting Type Surface Mount  Package / Case 16-SOIC (0.154", 3.90mm Width)  Supplier Device Package 16-SO	Voltage - Input Offset	$200\mu V$
Voltage - Supply, Single/Dual ( $\pm$ ) $\pm 2.5 \text{ V} \sim 15 \text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting Type Surface Mount  Package / Case $16\text{-SOIC}$ (0.154", 3.90mm Width)  Supplier Device Package $16\text{-SO}$	Current - Supply	2mA
Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting Type Surface Mount  Package / Case $16\text{-SOIC}$ (0.154", 3.90mm Width)  Supplier Device Package $16\text{-SO}$	Current - Output / Channel	30mA
Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SO	Voltage - Supply, Single/Dual (±)	±2.5 V ~ 15 V
Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SO	Operating Temperature	0°C ~ 70°C
Supplier Device Package 16-SO	Mounting Type	Surface Mount
	Package / Case	16-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	16-SO
		Report errors?

#### LT1359CS#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.

### LT1359CS#TRPBF Payment Methods



















## LT1359CS#TRPBF Shipping Methods













If you have any question about LT1359CS#TRPBF, please do not hesitate to contact us!

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