



LT1078IS8 Information



For Reference Only

Part Number LT1078IS8

Manufacturer Linear Technology

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 2 CIRCUIT 8SO **Package** 8-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



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









LT1078IS8 Specifications

Manufacturer Part Number LT1078IS8 Manufacturer Linear Technology Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 8-SOIC (0.154", 3.90mm Width) Series - Amplifier Type General Purpose Number of Circuits 2 Output Type - Slew Rate 0.1V/μs Gain Bandwidth Product 200kHz -3db Bandwidth - Current - Input Bias 7nA Voltage - Input Offset 70μV Current - Supply 47μA Current - Output / Channel - Voltage - Supply, Single/Dual (±) 2.2V ~ 30V, ±1.1V ~ 15V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)		
$ \begin{array}{c} \text{Category} & \text{Integrated Circuits (ICs)} \\ & \text{Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps} \\ \text{Package} & \text{8-SOIC (0.154", 3.90mm Width)} \\ \text{Series} & \text{-} \\ \text{Amplifier Type} & \text{General Purpose} \\ \text{Number of Circuits} & 2 \\ \text{Output Type} & \text{-} \\ \text{Slew Rate} & 0.1\text{V}/\mu\text{s} \\ \text{Gain Bandwidth Product} & 200\text{kHz} \\ \text{-3db Bandwidth} & \text{-} \\ \text{Current - Input Bias} & 7\text{nA} \\ \text{Voltage - Input Offset} & 70\mu\text{V} \\ \text{Current - Supply} & 47\mu\text{A} \\ \text{Current - Output / Channel} \\ \text{Voltage - Supply, Single/Dual (\pm)} & 2.2V ~ 30V, \pm1.1V ~ 15V \\ \text{Operating Temperature} & -40^{\circ}\text{C} ~ 85^{\circ}\text{C} \\ \text{Mounting Type} & \text{Surface Mount} \\ \end{array} $	Manufacturer Part Number	LT1078IS8
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Manufacturer	Linear Technology
Package 8-SOIC (0.154", 3.90mm Width) Series - Amplifier Type General Purpose Number of Circuits 2 Output Type - Slew Rate 0.1V/µs Gain Bandwidth Product 200kHz -3db Bandwidth - Current - Input Bias 7nA Voltage - Input Offset 70µV Current - Supply 47µA Current - Output / Channel - Voltage - Supply, Single/Dual (±) 2.2V ~ 30V, ±1.1V ~ 15V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount	Category	Integrated Circuits (ICs)
Series - Amplifier Type General Purpose Sumber of Circuits 2 Output Type - Slew Rate 0.1V/ μ s Gain Bandwidth Product 200kHz - 3db Bandwidth - Current - Input Bias 7nA Voltage - Input Offset 70 μ V Current - Supply 47 μ A Current - Output / Channel - Voltage - Supply, Single/Dual (\pm) 2.2V ~ 30V, \pm 1.1V ~ 15V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type General Purpose Number of Circuits 2 Output Type - Slew Rate $0.1V/\mu s$ Gain Bandwidth Product $200kHz$ -3db Bandwidth Current - Input Bias $7nA$ Voltage - Input Offset $70\mu V$ Current - Supply $47\mu A$ Current - Output / Channel $-$ Voltage - Supply, Single/Dual (\pm) $2.2V \sim 30V, \pm 1.1V \sim 15V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount	Package	8-SOIC (0.154", 3.90mm Width)
Number of Circuits 2 Output Type - Slew Rate 0.1V/ μ s Gain Bandwidth Product 200kHz -3db Bandwidth - Current - Input Bias 7nA Voltage - Input Offset 70 μ V Current - Supply 47 μ A Current - Output / Channel - Voltage - Supply, Single/Dual (\pm) 2.2V ~ 30V, \pm 1.1V ~ 15V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount	Series	-
Output Type - Slew Rate 0.1V/ μ s Gain Bandwidth Product 200kHz - 3db Bandwidth - Current - Input Bias 7nA Voltage - Input Offset 70 μ V Current - Supply 47 μ A Current - Output / Channel - Voltage - Supply, Single/Dual (\pm) 2.2V ~ 30V, \pm 1.1V ~ 15V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount	Amplifier Type	General Purpose
Slew Rate $0.1V/\mu s$ Gain Bandwidth Product $200kHz$ -3db Bandwidth - Current - Input Bias $7nA$ Voltage - Input Offset $70\mu V$ Current - Supply $47\mu A$ Current - Output / Channel - Voltage - Supply, Single/Dual (\pm) $2.2V \sim 30V, \pm 1.1V \sim 15V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount	Number of Circuits	2
Gain Bandwidth Product 200kHz -3db Bandwidth - Current - Input Bias 7nA Voltage - Input Offset 70 μ V Current - Supply 47 μ A Current - Output / Channel - Voltage - Supply, Single/Dual (\pm) 2.2V ~ 30V, \pm 1.1V ~ 15V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount	Output Type	-
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	$0.1V/\mu s$
Current - Input Bias 7nA Voltage - Input Offset 70 μ V Current - Supply 47 μ A Current - Output / Channel - Voltage - Supply, Single/Dual (\pm) 2.2V ~ 30V, \pm 1.1V ~ 15V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount	Gain Bandwidth Product	200kHz
Voltage - Input Offset 70 μ V Current - Supply 47 μ A Current - Output / Channel - Voltage - Supply, Single/Dual (±) 2.2V ~ 30V, ±1.1V ~ 15V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount	-3db Bandwidth	-
Current - Supply $47\mu A$ Current - Output / Channel - Voltage - Supply, Single/Dual (±) $2.2V \sim 30V, \pm 1.1V \sim 15V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount	Current - Input Bias	7nA
Current - Output / Channel-Voltage - Supply, Single/Dual (\pm) $2.2V \sim 30V, \pm 1.1V \sim 15V$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface Mount	Voltage - Input Offset	$70\mu V$
Voltage - Supply, Single/Dual (\pm) 2.2V ~ 30V, \pm 1.1V ~ 15V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount	Current - Supply	47μΑ
Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount	Current - Output / Channel	-
Mounting Type Surface Mount	Voltage - Supply, Single/Dual (±)	$2.2V \sim 30V, \pm 1.1V \sim 15V$
	Operating Temperature	-40°C ~ 85°C
Package / Case 8-SOIC (0.154", 3.90mm Width)	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package 8-SO	Supplier Device Package	8-SO
Report errors		Report errors?

LT1078IS8 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.

LT1078IS8 Payment Methods





















LT1078IS8 Shipping Methods













If you have any question about LT1078IS8, please do not hesitate to contact us!

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