



#### ISL28134IBZ-T13 Information

Part Number ISL28134IBZ-T13

Manufacturer Intersil

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP CHOPPER 3.5MHZ 8SOIC

**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



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# **Certified Quality**

For Reference Only

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.









### ISL28134IBZ-T13 Specifications

Manufacturer Part Number         ISL28134IBZ-T13           Manufacturer         Intersil           Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         8-SOIC (0.154", 3.90mm Width)           Series         -           Amplifier Type         Zero-Drift           Number of Circuits         1           Output Type         Rail-to-Rail           Slew Rate         1.5 V/μs           Gain Bandwidth Product         3.5MHz           -3db Bandwidth         -           Current - Input Bias         120pA           Voltage - Input Offset         0.2μV           Current - Supply         675μA           Current - Output / Channel         65mA           Voltage - Supply, Single/Dual (±)         2.25 V ~ 6 V, ±1.125 V ~ 3 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         8-SOIC (0.154", 3.90mm Width)           Supplier Device Package         8-SOIC		
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Series - Amplifier Type Zero-Drift   Number of Circuits 1   Output Type Rail-to-Rail   Slew Rate 1.5 $V/\mu s$ Gain Bandwidth Product 3.5MHz   -3db Bandwidth   - Current - Input Bias 120pA   Voltage - Input Offset 0.2 $\mu V$ Current - Supply 675 $\mu A$ Current - Output / Channel 65mA   Voltage - Supply, Single/Dual ( $\pm$ ) 2.25 $V \sim 6$ $V, \pm 1.125$ $V \sim 3$ $V$ Operating Temperature -40°C $\sim 85^{\circ}$ C   Mounting Type Surface Mount   Package / Case 8-SOIC (0.154", 3.90mm Width)   Supplier Device Package		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type $\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$	Package	8-SOIC (0.154", 3.90mm Width)
Number of Circuits 1  Output Type Rail-to-Rail  Slew Rate 1.5 V/ $\mu$ s  Gain Bandwidth Product 3.5MHz  -3db Bandwidth -  Current - Input Bias 120pA  Voltage - Input Offset 0.2 $\mu$ V  Current - Supply 675 $\mu$ A  Current - Output / Channel 65mA  Voltage - Supply, Single/Dual (±) 2.25 V ~ 6 V, ±1.125 V ~ 3 V  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-SOIC	Series	-
Output Type  Rail-to-Rail  Slew Rate  1.5 V/µs  Gain Bandwidth Product  -3db Bandwidth  - Current - Input Bias  120pA  Voltage - Input Offset  0.2µV  Current - Supply  675µA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  8-SOIC (0.154", 3.90mm Width)  Supplier Device Package	Amplifier Type	Zero-Drift
Slew Rate $ 1.5 \text{ V/}\mu\text{s} $ $ 3.5 \text{MHz} $ $ -3 \text{db Bandwidth Product} $ $ -3 \text{db Bandwidth} $ $ - $ $ \text{Current - Input Bias} $ $ 120 \text{pA} $ $ \text{Voltage - Input Offset} $ $ 0.2 \mu\text{V} $ $ \text{Current - Supply} $ $ 675 \mu\text{A} $ $ \text{Current - Output / Channel} $ $ 65 \text{mA} $ $ \text{Voltage - Supply, Single/Dual (\pm)} $ $ 2.25 \text{ V} \sim 6 \text{ V, } \pm 1.125 \text{ V} \sim 3 \text{ V} $ $ \text{Operating Temperature} $ $ -40^{\circ}\text{C} \sim 85^{\circ}\text{C} $ $ \text{Mounting Type} $ $ \text{Surface Mount} $ $ \text{Package / Case} $ $ 8-\text{SOIC (0.154", } 3.90 \text{mm Width)} $ $ \text{Supplier Device Package} $ $ 8-\text{SOIC} $	Number of Circuits	1
Gain Bandwidth Product  -3db Bandwidth  -  Current - Input Bias  120pA  Voltage - Input Offset  0.2μV  Current - Supply  675μA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  2.25 V ~ 6 V, ±1.125 V ~ 3 V  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  8-SOIC (0.154", 3.90mm Width)  Supplier Device Package	Output Type	Rail-to-Rail
$-3 db \ Bandwidth \\ -Current - Input \ Bias \\ Voltage - Input \ Offset \\ 0.2 \mu V \\ Current - Supply \\ 675 \mu A \\ Current - Output / Channel \\ Voltage - Supply, Single/Dual (\pm) 2.25 \ V \sim 6 \ V, \pm 1.125 \ V \sim 3 \ V \\ Operating \ Temperature \\ -40^{\circ}C \sim 85^{\circ}C \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ 8-SOIC (0.154", 3.90mm \ Width) \\ Supplier \ Device \ Package \\ 8-SOIC \\ \\$	Slew Rate	1.5 V/μs
Current - Input Bias 120pA  Voltage - Input Offset 0.2 $\mu$ V  Current - Supply 675 $\mu$ A  Current - Output / Channel 65mA  Voltage - Supply, Single/Dual ( $\pm$ ) 2.25 V ~ 6 V, $\pm$ 1.125 V ~ 3 V  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-SOIC	Gain Bandwidth Product	3.5MHz
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	-
Current - Supply $675\mu A$ Current - Output / Channel $65mA$ Voltage - Supply, Single/Dual (±) $2.25 \text{ V} \sim 6 \text{ V}, \pm 1.125 \text{ V} \sim 3 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case $8\text{-SOIC}$ $(0.154^{\circ}, 3.90\text{mm Width})$ Supplier Device Package $8\text{-SOIC}$	Current - Input Bias	120pA
Current - Output / Channel $65mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $2.25 \text{ V} \sim 6 \text{ V}, \pm 1.125 \text{ V} \sim 3 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case8-SOIC ( $0.154^{\circ}$ , $3.90\text{mm}$ Width)Supplier Device Package8-SOIC	Voltage - Input Offset	$0.2\mu V$
Voltage - Supply, Single/Dual ( $\pm$ ) 2.25 V ~ 6 V, $\pm$ 1.125 V ~ 3 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Current - Supply	675μΑ
Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-SOIC	Current - Output / Channel	65mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Voltage - Supply, Single/Dual (±)	2.25 V ~ 6 V, ±1.125 V ~ 3 V
Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 8-SOIC	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.154", 3.90mm Width)
D	Supplier Device Package	8-SOIC
Report errors?		Report errors?

#### ISL28134IBZ-T13 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.

### **ISL28134IBZ-T13 Payment Methods**



















## ISL28134IBZ-T13 Shipping Methods













If you have any question about ISL28134IBZ-T13, please do not hesitate to contact us!

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