



#### **EL5372IU-T13 Information**

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For Reference Only

Part Number EL5372IU-T13

Manufacturer Intersil

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP DIFF 100MHZ 24QSOP **Package** 24-SSOP (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**

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.









## **EL5372IU-T13 Specifications**

Manufacturer Part Number         EL5372IU-T13           Manufacturer         Intersil           Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         24-SSOP (0.154", 3.90mm Width)           Series         -           Amplifier Type         Differential           Number of Circuits         3           Output Type         -           Slew Rate         700 V/μs           Gain Bandwidth Product         100MHz           -3db Bandwidth         250MHz           Current - Input Bias         6μA           Voltage - Input Offset         7mV           Current - Supply         5.6mA           Current - Output / Channel         95mA           Voltage - Supply, Single/Dual (±)         4.75 V ~ 11 V, ±2.38 V ~ 5.5 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         24-SSOP (0.154", 3.90mm Width)           Supplier Device Package         24-QSOP		
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Slew Rate 700 V/ $\mu$ s  Gain Bandwidth Product 100MHz  -3db Bandwidth 250MHz  Current - Input Bias 6 $\mu$ A  Voltage - Input Offset 7mV  Current - Supply 5.6mA  Current - Output / Channel 95mA  Voltage - Supply, Single/Dual ( $\pm$ ) 4.75 V ~ 11 V, $\pm$ 2.38 V ~ 5.5 V  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 24-SSOP (0.154", 3.90mm Width)  Supplier Device Package 24-QSOP	Number of Circuits	3
Gain Bandwidth Product  -3db Bandwidth  250MHz  Current - Input Bias  6μA  Voltage - Input Offset  7mV  Current - Supply  5.6mA  Current - Output / Channel  95mA  Voltage - Supply, Single/Dual (±)  4.75 V ~ 11 V, ±2.38 V ~ 5.5 V  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  24-SSOP (0.154", 3.90mm Width)  Supplier Device Package	Output Type	-
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	700 V/μs
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Voltage - Input Offset $7mV$ Current - Supply $5.6mA$ Current - Output / Channel $95mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $4.75 \text{ V} \sim 11 \text{ V}, \pm 2.38 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $24\text{-SSOP}$ ( $0.154^{\circ}$ , $3.90\text{mm}$ Width)Supplier Device Package $24\text{-QSOP}$	-3db Bandwidth	250MHz
Current - Supply 5.6mA  Current - Output / Channel 95mA  Voltage - Supply, Single/Dual (±) 4.75 V ~ 11 V, ±2.38 V ~ 5.5 V  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 24-SSOP (0.154", 3.90mm Width)  Supplier Device Package 24-QSOP	Current - Input Bias	бμΑ
Current - Output / Channel $95mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $4.75 \text{ V} \sim 11 \text{ V}, \pm 2.38 \text{ V} \sim 5.5 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $24\text{-SSOP}$ ( $0.154^{\circ}$ , $3.90\text{mm}$ Width)Supplier Device Package $24\text{-QSOP}$	Voltage - Input Offset	7mV
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Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 24-SSOP (0.154", 3.90mm Width)  Supplier Device Package 24-QSOP	Current - Output / Channel	95mA
Mounting Type Surface Mount Package / Case 24-SSOP (0.154", 3.90mm Width) Supplier Device Package 24-QSOP	Voltage - Supply, Single/Dual (±)	4.75 V ~ 11 V, ±2.38 V ~ 5.5 V
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Supplier Device Package 24-QSOP	Mounting Type	Surface Mount
**	Package / Case	24-SSOP (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	24-QSOP
		Report errors?

#### **EL5372IU-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.

# **EL5372IU-T13 Payment Methods**



















## **EL5372IU-T13 Shipping Methods**













If you have any question about EL5372IU-T13, please do not hesitate to contact us!

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