

#### **INA145UAG4 Information**



For Reference Only

Part Number INA145UAG4

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP DIFF 500KHZ 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**

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## **INA145UAG4 Specifications**

Manufacturer Part Number         INA145UAG4           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         8-SOIC (0.154", 3.90mm Width)           Series         -           Amplifier Type         Differential           Number of Circuits         1           Output Type         -           Slew Rate         0.45 V/μs           Gain Bandwidth Product         -           -3db Bandwidth         500kHz           Current - Input Bias         50nA           Voltage - Input Offset         200μV           Current - Supply         570μA           Current - Output / Channel         15mA           Voltage - Supply, Single/Dual (±)         4.5 V ~ 36 V, ±2.25 V ~ 18 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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Output Type  Slew Rate  0.45 V/µs  Gain Bandwidth Product  -3db Bandwidth  500kHz  Current - Input Bias  50nA  Voltage - Input Offset  200µV  Current - Supply  570µA  Current - Output / Channel  15mA  Voltage - Supply, Single/Dual (±)  4.5 V ~ 36 V, ±2.25 V ~ 18 V  Operating Temperature  40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  8-SOIC (0.154", 3.90mm Width)  Supplier Device Package	Amplifier Type	Differential
Slew Rate 0.45 V/µs  Gain Bandwidth Product3db Bandwidth 500kHz  Current - Input Bias 50nA  Voltage - Input Offset 200µV  Current - Supply 570µA  Current - Output / Channel 15mA  Voltage - Supply, Single/Dual ( $\pm$ ) 4.5 V ~ 36 V, $\pm$ 2.25 V ~ 18 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	Number of Circuits	1
Gain Bandwidth Product -3db Bandwidth 500kHz  Current - Input Bias 50nA  Voltage - Input Offset 200µV  Current - Supply 570µA  Current - Output / Channel 15mA  Voltage - Supply, Single/Dual (±) 4.5 V ~ 36 V, ±2.25 V ~ 18 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	Output Type	-
$-3 db \ Bandwidth \\ Current - Input \ Bias \\ S0nA \\ Voltage - Input \ Offset \\ 200 \mu V \\ Current - Supply \\ S70 \mu A \\ Current - Output / Channel \\ Voltage - Supply, Single/Dual (\pm) 4.5 \ V \sim 36 \ V, \pm 2.25 \ V \sim 18 \ V \\ Operating \ Temperature \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ 8-SOIC (0.154", 3.90mm \ Width) \\ Supplier \ Device \ Package \\ 8-SOIC \\$	Slew Rate	$0.45 \text{ V/}\mu\text{s}$
Current - Input Bias $50nA$ Voltage - Input Offset $200\mu V$ Current - Supply $570\mu A$ Current - Output / Channel $15mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $4.5 \ V \sim 36 \ V$ , $\pm 2.25 \ V \sim 18 \ V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount  Package / Case $8$ -SOIC $(0.154^{\circ}, 3.90mm \ Width)$ Supplier Device Package $8$ -SOIC	Gain Bandwidth Product	-
Voltage - Input Offset	-3db Bandwidth	500kHz
Current - Supply $570\mu A$ Current - Output / Channel $15mA$ Voltage - Supply, Single/Dual (±) $4.5 \text{ V} \sim 36 \text{ V}, \pm 2.25 \text{ V} \sim 18 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Package / Case $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Supplier Device Package $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ 8-SOIC (0.154", 3.90mm Width)	Current - Input Bias	50nA
Current - Output / Channel $15mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $4.5 \text{ V} \sim 36 \text{ V}, \pm 2.25 \text{ V} \sim 18 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case8-SOIC ( $0.154^{\circ}$ , $3.90mm$ Width)Supplier Device Package8-SOIC	Voltage - Input Offset	$200\mu V$
Voltage - Supply, Single/Dual ( $\pm$ ) 4.5 V ~ 36 V, $\pm$ 2.25 V ~ 18 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	570μΑ
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	15mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Voltage - Supply, Single/Dual (±)	4.5 V ~ 36 V, ±2.25 V ~ 18 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)
Report errors?	Supplier Device Package	8-SOIC
		Report errors?

#### **INA145UAG4 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.

# **INA145UAG4 Payment Methods**



















## **INA145UAG4 Shipping Methods**













If you have any question about INA145UAG4, please do not hesitate to contact us!

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