



#### INA156EA/250G4 Information



For Reference Only

Part Number INA156EA/250G4

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description**IC OPAMP INSTR 550KHZ RRO 8VSSOP**Package**8-TSSOP, 8-MSOP (0.118", 3.00mm 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.









### **INA156EA/250G4 Specifications**

Manufacturer Part Number       INA156EA/250G4         Manufacturer       Texas Instruments         Category       Integrated Circuits (ICs)         Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps         Package       8-TSSOP, 8-MSOP (0.118", 3.00mm Width)         Series       -         Amplifier Type       Instrumentation         Number of Circuits       1         Output Type       Rail-to-Rail         Slew Rate       6.5 V/μs         Gain Bandwidth Product       -         -3db Bandwidth       550kHz         Current - Input Bias       1pA         Voltage - Input Offset       2.5mV         Current - Output / Channel       50mA         Voltage - Supply, Single/Dual (±)       2.7 V ~ 5.5 V         Operating Temperature       -55°C ~ 125°C         Mounting Type       Surface Mount         Package / Case       8-TSSOP, 8-MSOP (0.118", 3.00mm Width)		
Category  Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  8-TSSOP, 8-MSOP (0.118", 3.00mm Width)  Series  - Amplifier Type Instrumentation  Number of Circuits 1  Output Type Rail-to-Rail  Slew Rate 6.5 V/µs  Gain Bandwidth Product3db Bandwidth 550kHz  Current - Input Bias 1pA  Voltage - Input Offset 2.5mV  Current - Output / Channel  Voltage - Supply, Single/Dual (±) Operating Temperature -55°C ~ 125°C  Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Manufacturer Part Number	INA156EA/250G4
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         8-TSSOP, 8-MSOP (0.118", 3.00mm Width)           Series         -           Amplifier Type         Instrumentation           Number of Circuits         1           Output Type         Rail-to-Rail           Slew Rate         6.5 V/µs           Gain Bandwidth Product         -           -3db Bandwidth         550kHz           Current - Input Bias         1pA           Voltage - Input Offset         2.5mV           Current - Supply         1.8mA           Current - Output / Channel         50mA           Voltage - Supply, Single/Dual (±)         2.7 V ~ 5.5 V           Operating Temperature         -55°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Manufacturer	Texas Instruments
Package8-TSSOP, 8-MSOP (0.118", 3.00mm Width)Series-Amplifier TypeInstrumentationNumber of Circuits1Output TypeRail-to-RailSlew Rate6.5 V/μsGain Bandwidth Product3db Bandwidth550kHzCurrent - Input Bias1pAVoltage - Input Offset2.5mVCurrent - Supply1.8mACurrent - Output / Channel50mAVoltage - Supply, Single/Dual (±)2.7 V ~ 5.5 VOperating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Category	Integrated Circuits (ICs)
Series         -           Amplifier Type         Instrumentation           Number of Circuits         1           Output Type         Rail-to-Rail           Slew Rate         6.5 V/μs           Gain Bandwidth Product         -           -3db Bandwidth         550kHz           Current - Input Bias         1pA           Voltage - Input Offset         2.5mV           Current - Supply         1.8mA           Current - Output / Channel         50mA           Voltage - Supply, Single/Dual (±)         2.7 V ~ 5.5 V           Operating Temperature         -55°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         8-TSSOP, 8-MSOP (0.118", 3.00mm Width)		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier TypeInstrumentationNumber of Circuits1Output TypeRail-to-RailSlew Rate6.5 V/μsGain Bandwidth Product3db Bandwidth550kHzCurrent - Input Bias1pAVoltage - Input Offset2.5mVCurrent - Supply1.8mACurrent - Output / Channel50mAVoltage - Supply, Single/Dual (±)2.7 V ~ 5.5 VOperating Temperature-55°C ~ 125°CMounting TypeSurface MountPackage / Case8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Number of Circuits  Output Type  Rail-to-Rail  Slew Rate  6.5 V/µs  Gain Bandwidth Product  -3db Bandwidth  Current - Input Bias  Voltage - Input Offset  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  Package / Case  Rail-to-Rail  1  1  Rail-to-Rail  1  8  Rail-to-Rail  1  8  8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Series	-
Output Type Rail-to-Rail  Slew Rate 6.5 V/µs  Gain Bandwidth Product -3db Bandwidth 550kHz  Current - Input Bias 1pA  Voltage - Input Offset 2.5mV  Current - Supply 1.8mA  Current - Output / Channel 50mA  Voltage - Supply, Single/Dual (±) 2.7 V ~ 5.5 V  Operating Temperature -55°C ~ 125°C  Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Amplifier Type	Instrumentation
Slew Rate Gain Bandwidth Product -3db Bandwidth 550kHz  Current - Input Bias 1pA  Voltage - Input Offset 2.5mV  Current - Supply 1.8mA  Current - Output / Channel  Voltage - Supply, Single/Dual (±) 2.7 V ~ 5.5 V  Operating Temperature -55°C ~ 125°C  Mounting Type Surface Mount  Package / Case  6.5 V/µs 6.5 V/µs 6.5 V/µs 6.5 V V/	Number of Circuits	1
Gain Bandwidth Product -3db Bandwidth 550kHz  Current - Input Bias 1pA  Voltage - Input Offset 2.5mV  Current - Supply 1.8mA  Current - Output / Channel 50mA  Voltage - Supply, Single/Dual (±) 2.7 V ~ 5.5 V  Operating Temperature -55°C ~ 125°C  Mounting Type Surface Mount  Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Output Type	Rail-to-Rail
-3db Bandwidth 550kHz  Current - Input Bias 1pA  Voltage - Input Offset 2.5mV  Current - Supply 1.8mA  Current - Output / Channel 50mA  Voltage - Supply, Single/Dual (±) 2.7 V ~ 5.5 V  Operating Temperature -55°C ~ 125°C  Mounting Type Surface Mount  Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Slew Rate	6.5 V/μs
Current - Input Bias  1pA  Voltage - Input Offset  2.5mV  Current - Supply  1.8mA  Current - Output / Channel  50mA  Voltage - Supply, Single/Dual (±)  2.7 V ~ 5.5 V  Operating Temperature  -55°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  1pA  2.5mV  1.8mA  50mA  Voltage - Supply, Single/Dual (±)  2.7 V ~ 5.5 V  0.125°C  8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Gain Bandwidth Product	-
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	550kHz
Current - Supply  1.8mA  Current - Output / Channel  50mA  Voltage - Supply, Single/Dual (±)  2.7 V ~ 5.5 V  Operating Temperature  -55°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Current - Input Bias	1pA
Current - Output / Channel 50mA  Voltage - Supply, Single/Dual (±) 2.7 V ~ 5.5 V  Operating Temperature -55°C ~ 125°C  Mounting Type Surface Mount  Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Voltage - Input Offset	2.5mV
Voltage - Supply, Single/Dual ( $\pm$ ) 2.7 V ~ 5.5 V Operating Temperature -55°C ~ 125°C Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Current - Supply	1.8mA
Operating Temperature -55°C ~ 125°C  Mounting Type Surface Mount  Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Current - Output / Channel	50mA
Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Voltage - Supply, Single/Dual (±)	2.7 V ~ 5.5 V
Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Operating Temperature	-55°C ~ 125°C
-	Mounting Type	Surface Mount
Counties Device Perfect	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Supplier Device Package 8-VSSOP	Supplier Device Package	8-VSSOP
Report errors		Report errors?

### INA156EA/250G4 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.

## INA156EA/250G4 Payment Methods



















# INA156EA/250G4 Shipping Methods













If you have any question about INA156EA/250G4, please do not hesitate to contact us!

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