



#### INA126EA/250G4 Information



For Reference Only

Part Number INA126EA/250G4

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description**IC OPAMP INSTR 200KHZ 8VSSOP**Package**8-TSSOP, 8-MSOP (0.118", 3.00mm Width)

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us

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### **INA126EA/250G4 Specifications**

| Manufacturer Part Number       INA126EA/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       -         Slew Rate       0.4 V/μs         Gain Bandwidth Product       -         -3db Bandwidth       200kHz         Current - Input Bias       10nA         Voltage - Input Offset       150μV         Current - Supply       175μA         Current - Output / Channel       10mA         Voltage - Supply, Single/Dual (±)       2.7 V ~ 36 V, ±1.35 V ~ 18 V         Operating Temperature       -40°C ~ 85°C         Mounting Type       Surface Mount         Package / Case       8-TSSOP, 8-MSOP (0.118", 3.00mm Width)         Supplies Device Package       8-VSSOP |                                   |   |
|---|-----------------------------------|---|
| Category   Integrated Circuits (ICs)   Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  | Manufacturer Part Number          | INA126EA/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         -           Slew Rate         0.4 V/μs           Gain Bandwidth Product         -           -3db Bandwidth         200kHz           Current - Input Bias         10nA           Voltage - Input Offset         150μV           Current - Supply         175μA           Current - Output / Channel         10mA           Voltage - Supply, Single/Dual (±)         2.7 V ~ 36 V, ±1.35 V ~ 18 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         8-TSSOP, 8-MSOP (0.118", 3.00mm Width)   | Manufacturer                      | Texas Instruments   |
| Package         8-TSSOP, 8-MSOP (0.118", 3.00mm Width)           Series         -           Amplifier Type         Instrumentation           Number of Circuits         1           Output Type         -           Slew Rate         0.4 V/μs           Gain Bandwidth Product         -           -3db Bandwidth         200kHz           Current - Input Bias         10nA           Voltage - Input Offset         150μV           Current - Supply         175μA           Current - Output / Channel         10mA           Voltage - Supply, Single/Dual (±)         2.7 V ~ 36 V, ±1.35 V ~ 18 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         8-TSSOP, 8-MSOP (0.118", 3.00mm Width)   | Category                          | Integrated Circuits (ICs)                                   |
| Series - Amplifier Type Instrumentation  Number of Circuits 1  Output Type - Slew Rate 0.4 V/ $\mu$ s  Gain Bandwidth Product   |                                   | Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps |
| Amplifier Type Instrumentation  Number of Circuits 1  Output Type - Slew Rate 0.4 V/ $\mu$ s  Gain Bandwidth Product3db Bandwidth Product 200kHz  Current - Input Bias 10nA  Voltage - Input Offset 150 $\mu$ V  Current - Output / Channel 10mA  Voltage - Supply, Single/Dual (±) 2.7 V ~ 36 V, ±1.35 V ~ 18 V  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)  | Package                           | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                      |
| Number of Circuits       1         Output Type       -         Slew Rate       0.4 V/μs         Gain Bandwidth Product       -         -3db Bandwidth       200kHz         Current - Input Bias       10nA         Voltage - Input Offset       150μV         Current - Supply       175μA         Current - Output / Channel       10mA         Voltage - Supply, Single/Dual (±)       2.7 V ~ 36 V, ±1.35 V ~ 18 V         Operating Temperature       -40°C ~ 85°C         Mounting Type       Surface Mount         Package / Case       8-TSSOP, 8-MSOP (0.118", 3.00mm Width)  | Series                            | -   |
| Output Type       -         Slew Rate       0.4 V/μs         Gain Bandwidth Product       -         -3db Bandwidth       200kHz         Current - Input Bias       10nA         Voltage - Input Offset       150μV         Current - Supply       175μA         Current - Output / Channel       10mA         Voltage - Supply, Single/Dual (±)       2.7 V ~ 36 V, ±1.35 V ~ 18 V         Operating Temperature       -40°C ~ 85°C         Mounting Type       Surface Mount         Package / Case       8-TSSOP, 8-MSOP (0.118", 3.00mm Width)   | Amplifier Type                    | Instrumentation   |
| Slew Rate 0.4 V/ $\mu$ s  Gain Bandwidth Product3db Bandwidth 200kHz  Current - Input Bias 10nA  Voltage - Input Offset 150 $\mu$ V  Current - Supply 175 $\mu$ A  Current - Output / Channel 10mA  Voltage - Supply, Single/Dual (±) 2.7 V ~ 36 V, ±1.35 V ~ 18 V  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)  | Number of Circuits                | 1   |
| Gain Bandwidth Product  | Output Type                       | -   |
| $-3db \ Bandwidth                                    $  | Slew Rate                         | 0.4 V/μs  |
| Current - Input Bias $10nA$ Voltage - Input Offset $150\mu V$ Current - Supply $175\mu A$ Current - Output / Channel $10mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $2.7\ V \sim 36\ V, \pm 1.35\ V \sim 18\ V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount  Package / Case $8-TSSOP, 8-MSOP\ (0.118'', 3.00mm\ Width)$   | Gain Bandwidth Product            | -   |
| Voltage - Input Offset  | -3db Bandwidth                    | 200kHz  |
| Current - Supply $175\mu A$ Current - Output / Channel $10mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $2.7 \text{ V} \sim 36 \text{ V}, \pm 1.35 \text{ V} \sim 18 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case $8-\text{TSSOP}, 8-\text{MSOP} (0.118'', 3.00mm \text{ Width})$  | Current - Input Bias              | 10nA  |
| $\begin{tabular}{lll} Current - Output / Channel & 10mA & \\ Voltage - Supply, Single/Dual (\pm) & 2.7 V ~ 36 V, \pm1.35 V ~ 18 V & \\ Operating Temperature & -40°C ~ 85°C & \\ Mounting Type & Surface Mount & \\ Package / Case & 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) & \\ \end{tabular}$   | Voltage - Input Offset            | 150μV   |
| Voltage - Supply, Single/Dual ( $\pm$ ) 2.7 V ~ 36 V, $\pm$ 1.35 V ~ 18 V<br>Operating Temperature -40°C ~ 85°C<br>Mounting Type Surface Mount<br>Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)   | Current - Supply                  | 175μΑ   |
| Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount  Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)  | Current - Output / Channel        | 10mA  |
| Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)   | Voltage - Supply, Single/Dual (±) | 2.7 V ~ 36 V, ±1.35 V ~ 18 V                                |
| Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)   | Operating Temperature             | -40°C ~ 85°C  |
| -   | Mounting Type                     | Surface Mount   |
| Supplier Device Package 8-VSSOP   | Package / Case                    | 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)                      |
| Supplied Device I ackage 0-13301  | Supplier Device Package           | 8-VSSOP   |
| Report errors   |                                   | Report errors?  |

#### INA126EA/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.

## INA126EA/250G4 Payment Methods



















## INA126EA/250G4 Shipping Methods













If you have any question about INA126EA/250G4, please do not hesitate to contact us!

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