



### **OPA2614IDTJG3 Information**



For Reference Only

Part Number OPA2614IDTJG3

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP VFB 290MHZ 8HSOP

Package 8-SOIC (0.154", 3.90mm Width) Exposed Pad

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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### **OPA2614IDTJG3 Specifications**

| Manufacturer Part Number         OPA2614IDTJG3           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         8-SOIC (0.154", 3.90mm Width) Exposed Pad           Series         -           Amplifier Type         Voltage Feedback           Number of Circuits         2           Output Type         -           Slew Rate         145 V/μs           Gain Bandwidth Product         290MHz           -3db Bandwidth         180MHz           Current - Input Bias         6μA           Voltage - Input Offset         200μV           Current - Supply         12mA           Current - Output / Channel         350mA           Voltage - Supply, Single/Dual (±)         5 V ~ 12 V, ±2.5 V ~ 6 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         8-SOIC (0.154", 3.90mm Width) Exposed Pad           Supplier Device Package         8-HSOP   |                                   |   |
|--|-----------------------------------|---|
| Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         8-SOIC (0.154", 3.90mm Width) Exposed Pad           Series         -           Amplifier Type         Voltage Feedback           Number of Circuits         2           Output Type         -           Slew Rate         145 V/μs           Gain Bandwidth Product         290MHz           -3db Bandwidth         180MHz           Current - Input Bias         6μA           Voltage - Input Offset         200μV           Current - Supply         12mA           Current - Output / Channel         350mA           Voltage - Supply, Single/Dual (±)         5 V ~ 12 V, ±2.5 V ~ 6 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         8-SOIC (0.154", 3.90mm Width) Exposed Pad           Supplier Device Package         8-HSOP   | Manufacturer Part Number          | OPA2614IDTJG3   |
| Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-SOIC (0.154", 3.90mm Width) Exposed PadSeries-Amplifier TypeVoltage FeedbackNumber of Circuits2Output Type-Slew Rate145 V/μsGain Bandwidth Product290MHz-3db Bandwidth180MHzCurrent - Input Bias6μAVoltage - Input Offset200μVCurrent - Supply12mACurrent - Output / Channel350mAVoltage - Supply, Single/Dual (±)5 V ~ 12 V, ±2.5 V ~ 6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-HSOP  | Manufacturer                      | Texas Instruments   |
| Package         8-SOIC (0.154", 3.90mm Width) Exposed Pad           Series         -           Amplifier Type         Voltage Feedback           Number of Circuits         2           Output Type         -           Slew Rate         145 V/μs           Gain Bandwidth Product         290MHz           -3db Bandwidth         180MHz           Current - Input Bias         6μA           Voltage - Input Offset         200μV           Current - Supply         12mA           Current - Output / Channel         350mA           Voltage - Supply, Single/Dual (±)         5 V ~ 12 V, ±2.5 V ~ 6 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         8-SOIC (0.154", 3.90mm Width) Exposed Pad           Supplier Device Package         8-HSOP  | Category                          | Integrated Circuits (ICs)                                   |
| Series-Amplifier TypeVoltage FeedbackNumber of Circuits2Output Type-Slew Rate $145 \text{ V/}\mu\text{s}$ Gain Bandwidth Product $290\text{MHz}$ -3db Bandwidth $180\text{MHz}$ Current - Input Bias $6\mu\text{A}$ Voltage - Input Offset $200\mu\text{V}$ Current - Supply $12\text{mA}$ Current - Output / Channel $350\text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $5 \text{ V} \sim 12 \text{ V}, \pm 2.5 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $8-\text{SOIC }(0.154^{\circ}, 3.90\text{mm Width}) \text{ Exposed Pad}$ Supplier Device Package $8+\text{BSOP}$   |                                   | Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps |
| Amplifier TypeVoltage FeedbackNumber of Circuits2Output Type-Slew Rate145 V/μsGain Bandwidth Product290MHz-3db Bandwidth180MHzCurrent - Input Bias6μAVoltage - Input Offset200μVCurrent - Supply12mACurrent - Output / Channel350mAVoltage - Supply, Single/Dual (±)5 V ~ 12 V, ±2.5 V ~ 6 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-HSOP  | Package                           | 8-SOIC (0.154", 3.90mm Width) Exposed Pad                   |
| Number of Circuits         2           Output Type         -           Slew Rate         145 V/μs           Gain Bandwidth Product         290MHz           -3db Bandwidth         180MHz           Current - Input Bias         6μA           Voltage - Input Offset         200μV           Current - Supply         12mA           Current - Output / Channel         350mA           Voltage - Supply, Single/Dual (±)         5 V ~ 12 V, ±2.5 V ~ 6 V           Operating Temperature         -40°C ~ 85°C           Mounting Type         Surface Mount           Package / Case         8-SOIC (0.154", 3.90mm Width) Exposed Pad           Supplier Device Package         8-HSOP   | Series                            | -   |
| Output Type  Slew Rate  145 V/µs  Gain Bandwidth Product  290MHz  -3db Bandwidth  180MHz  Current - Input Bias  6µA  Voltage - Input Offset  200µV  Current - Supply  12mA  Current - Output / Channel  350mA  Voltage - Supply, Single/Dual (±)  5 V ~ 12 V, ±2.5 V ~ 6 V  Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  8-SOIC (0.154", 3.90mm Width) Exposed Pad  Supplier Device Package  8-HSOP  | Amplifier Type                    | Voltage Feedback  |
| Slew Rate $ \begin{array}{ccccccccccccccccccccccccccccccccccc$   | Number of Circuits                | 2   |
| Gain Bandwidth Product 290MHz  -3db Bandwidth 180MHz  Current - Input Bias $6\mu A$ Voltage - Input Offset 200 $\mu V$ Current - Supply 12mA  Current - Output / Channel 350mA  Voltage - Supply, Single/Dual ( $\pm$ ) 5 V ~ 12 V, $\pm$ 2.5 V ~ 6 V  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad  Supplier Device Package 8-HSOP   | Output Type                       | -   |
| $-3 db \ Bandwidth                                    $  | Slew Rate                         | 145 V/μs  |
| Current - Input Bias $6\mu A$ Voltage - Input Offset $200\mu V$ Current - Supply $12mA$ Current - Output / Channel $350mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $5 \ V \sim 12 \ V, \pm 2.5 \ V \sim 6 \ V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount  Package / Case $8$ -SOIC $(0.154^{\circ}, 3.90mm \ Width)$ Exposed Pad  Supplier Device Package $8$ -HSOP  | Gain Bandwidth Product            | 290MHz  |
| $\begin{tabular}{lllllllllllllllllllllllllllllllllll$  | -3db Bandwidth                    | 180MHz  |
| Current - Supply 12mA  Current - Output / Channel 350mA  Voltage - Supply, Single/Dual (±) 5 V ~ 12 V, ±2.5 V ~ 6 V  Operating Temperature -40°C ~ 85°C  Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad  Supplier Device Package 8-HSOP   | Current - Input Bias              | бμΑ   |
| Current - Output / Channel $350 \text{mA}$ Voltage - Supply, Single/Dual ( $\pm$ ) $5 \text{ V} \sim 12 \text{ V}, \pm 2.5 \text{ V} \sim 6 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount  Package / Case $8\text{-SOIC }(0.154^{\circ}\text{H}, 3.90 \text{mm Width}) \text{ Exposed Pad}$ Supplier Device Package $8\text{-HSOP}$   | Voltage - Input Offset            | 200μV   |
| Voltage - Supply, Single/Dual ( $\pm$ ) 5 V ~ 12 V, $\pm$ 2.5 V ~ 6 V<br>Operating Temperature -40°C ~ 85°C<br>Mounting Type Surface Mount<br>Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad<br>Supplier Device Package 8-HSOP   | Current - Supply                  | 12mA  |
| Operating Temperature  -40°C ~ 85°C  Mounting Type  Surface Mount  Package / Case  8-SOIC (0.154", 3.90mm Width) Exposed Pad  Supplier Device Package  8-HSOP  | Current - Output / Channel        | 350mA   |
| Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-HSOP  | Voltage - Supply, Single/Dual (±) | 5 V ~ 12 V, ±2.5 V ~ 6 V                                    |
| Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-HSOP  | Operating Temperature             | -40°C ~ 85°C  |
| Supplier Device Package 8-HSOP   | Mounting Type                     | Surface Mount   |
|  | Package / Case                    | 8-SOIC (0.154", 3.90mm Width) Exposed Pad                   |
| Report errors?   | Supplier Device Package           | 8-HSOP  |
| The post of the same and the sa |                                   | Report errors?  |

#### **OPA2614IDTJG3 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.

# **OPA2614IDTJG3 Payment Methods**



















### **OPA2614IDTJG3 Shipping Methods**













If you have any question about OPA2614IDTJG3, please do not hesitate to contact us!

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