



OPA2363IDGST Information



For Reference Only

Part Number OPA2363IDGST

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 7MHZ RRO 10VSSOP

Package 10-TFSOP, 10-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



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OPA2363IDGST Specifications

| Manufacturer Part Number OPA2363IDGST Manufacturer Texas Instruments Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Series - Amplifier Type General Purpose Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 5 V/μs Gain Bandwidth Product 7MHz -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 900μV Current - Output / Channel 85mA Voltage - Supply, Single/Dual (±) 1.8 V ~ 5.5 V, ±0.9 V ~ 2.75 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-VSSOP | | |
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| Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage10-TFSOP, 10-MSOP (0.118", 3.00mm Width)Series-Amplifier TypeGeneral PurposeNumber of Circuits2Output TypeRail-to-RailSlew Rate5 V/μsGain Bandwidth Product7MHz-3db Bandwidth-Current - Input Bias1pAVoltage - Input Offset900μVCurrent - Supply1.1mACurrent - Output / Channel85mAVoltage - Supply, Single/Dual (±)1.8 V ~ 5.5 V, ±0.9 V ~ 2.75 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case10-TFSOP, 10-MSOP (0.118", 3.00mm Width)Supplier Device Package10-VSSOP | Manufacturer | Texas Instruments |
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| Output Type Rail-to-Rail Slew Rate $5 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 7MHz -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset $900\mu\text{V}$ Current - Supply 1.1mA Current - Output / Channel 85mA Voltage - Supply, Single/Dual (\pm) $1.8 \text{ V} \sim 5.5 \text{ V}, \pm 0.9 \text{ V} \sim 2.75 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case $10\text{-TFSOP}, 10\text{-MSOP} (0.118'', 3.00\text{mm Width})$ Supplier Device Package 10-VSSOP | Amplifier Type | General Purpose |
| Slew Rate 5 V/ μ s Gain Bandwidth Product 7MHz -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 900 μ V Current - Supply 1.1mA Current - Output / Channel 85mA Voltage - Supply, Single/Dual (\pm) 1.8 V ~ 5.5 V, \pm 0.9 V ~ 2.75 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-VSSOP | Number of Circuits | 2 |
| Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 1pA Voltage - Input Offset 900μV Current - Supply 1.1mA Current - Output / Channel 85mA Voltage - Supply, Single/Dual (±) 1.8 V ~ 5.5 V, ±0.9 V ~ 2.75 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package | Output Type | Rail-to-Rail |
| $-3 db \ Bandwidth \\ Current - Input \ Bias \\ IpA \\ Voltage - Input \ Offset \\ 900 \mu V \\ Current - Supply \\ 1.1 mA \\ Current - Output / Channel \\ 85 mA \\ Voltage - Supply, Single/Dual (\pm) 1.8 \ V \sim 5.5 \ V, \pm 0.9 \ V \sim 2.75 \ V \\ Operating \ Temperature \\ -40^{\circ}C \sim 125^{\circ}C \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ 10-TFSOP, 10-MSOP (0.118", 3.00mm \ Width) \\ Supplier \ Device \ Package \\ 10-VSSOP$ | Slew Rate | 5 V/μs |
| Current - Input Bias 1pA Voltage - Input Offset 900 μ V Current - Supply 1.1mA Current - Output / Channel 85mA Voltage - Supply, Single/Dual (\pm) 1.8 V ~ 5.5 V, \pm 0.9 V ~ 2.75 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-VSSOP | Gain Bandwidth Product | 7MHz |
| Voltage - Input Offset 900 μ V Current - Supply 1.1mA Current - Output / Channel 85mA Voltage - Supply, Single/Dual (\pm) 1.8 V \sim 5.5 V, \pm 0.9 V \sim 2.75 V Operating Temperature -40°C \sim 125°C Mounting Type Surface Mount Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-VSSOP | -3db Bandwidth | - |
| Current - Supply 1.1mA Current - Output / Channel 85mA Voltage - Supply, Single/Dual (\pm) $1.8 \text{ V} \sim 5.5 \text{ V}, \pm 0.9 \text{ V} \sim 2.75 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case $10\text{-TFSOP}, 10\text{-MSOP} (0.118", 3.00 \text{mm Width})$ Supplier Device Package 10-VSSOP | Current - Input Bias | 1pA |
| Current - Output / Channel $85mA$ Voltage - Supply, Single/Dual (\pm) $1.8 \text{ V} \sim 5.5 \text{ V}$, $\pm 0.9 \text{ V} \sim 2.75 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 10-TFSOP , 10-MSOP (0.118° , 3.00mm Width) Supplier Device Package 10-VSSOP | Voltage - Input Offset | 900μV |
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| Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-VSSOP | Current - Output / Channel | 85mA |
| Mounting Type Surface Mount Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-VSSOP | Voltage - Supply, Single/Dual (±) | 1.8 V ~ 5.5 V, ±0.9 V ~ 2.75 V |
| Package / Case 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) Supplier Device Package 10-VSSOP | Operating Temperature | -40°C ~ 125°C |
| Supplier Device Package 10-VSSOP | Mounting Type | Surface Mount |
| | Package / Case | 10-TFSOP, 10-MSOP (0.118", 3.00mm Width) |
| Report errors? | Supplier Device Package | 10-VSSOP |
| · · · · · · · · · · · · · · · · · · · | | Report errors? |

OPA2363IDGST 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.

OPA2363IDGST Payment Methods



















OPA2363IDGST Shipping Methods













If you have any question about OPA2363IDGST, please do not hesitate to contact us!

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