



TLV2780IDG4 Information



For Reference Only

Part Number TLV2780IDG4

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 8MHZ RRO 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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TLV2780IDG4 Specifications

Manufacturer Part Number TLV2780IDG4 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 General Purpose Number of Circuits 1 Output Type Rail-to-Rail Slew Rate 5 V/μs Gain Bandwidth Product 8MHz -3db Bandwidth - Current - Input Bias 2.5pA Voltage - Input Offset 250μV Current - Supply 650μA Current - Output / Channel 23mA Voltage - Supply, Single/Dual (±) 1.8 V ~ 3.6 V, ±0.9 V ~ 1.8 V Operating Temperature -40°C ~ 125°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 Rail-to-Rail Slew Rate $5 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 8MHz -3db Bandwidth - Current - Input Bias 2.5pA Voltage - Input Offset $250\mu\text{V}$ Current - Supply $650\mu\text{A}$ Current - Output / Channel 23mA Voltage - Supply, Single/Dual (\pm) $1.8 \text{ V} \sim 3.6 \text{ V}, \pm 0.9 \text{ V} \sim 1.8 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Amplifier Type	General Purpose
Slew Rate 5 V/ μ s Gain Bandwidth Product 8MHz -3db Bandwidth	Number of Circuits	1
Gain Bandwidth Product 8MHz -3db Bandwidth - Current - Input Bias 2.5pA Voltage - Input Offset 250 μ V Current - Supply 650 μ A Current - Output / Channel 23mA Voltage - Supply, Single/Dual (\pm) 1.8 V ~ 3.6 V, \pm 0.9 V ~ 1.8 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Output Type	Rail-to-Rail
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$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Gain Bandwidth Product	8MHz
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Current - Supply $650\mu A$ Current - Output / Channel $23mA$ Voltage - Supply, Single/Dual (\pm) $1.8 \text{ V} \sim 3.6 \text{ V}, \pm 0.9 \text{ V} \sim 1.8 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Current - Input Bias	2.5pA
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	Voltage - Input Offset	250μV
Voltage - Supply, Single/Dual (\pm) 1.8 V ~ 3.6 V, \pm 0.9 V ~ 1.8 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Current - Supply	650μΑ
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Current - Output / Channel	23mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Voltage - Supply, Single/Dual (±)	1.8 V ~ 3.6 V, ±0.9 V ~ 1.8 V
Package / Case 8-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 125°C
-	Mounting Type	Surface Mount
Supplier Device Package 8-SOIC	Package / Case	8-SOIC (0.154", 3.90mm Width)
	Supplier Device Package	8-SOIC
Report errors		Report errors?

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Our experienced sales team and tech support team back our services to satisfy all our customers.

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TLV2780IDG4 Shipping Methods













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