

TLV2465ID Information

Part Number TLV2465ID

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

IC OPAMP GP 6.4MHZ RRO 16SOIC Description

Package 16-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com

E-mail: salesdept@heisener.com



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For Reference Only

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TLV2465ID Specifications

Manufacturer Part Number TLV2465ID Manufacturer Texas Instruments Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 16-SOIC (0.154", 3.90mm Width) Series - Amplifier Type General Purpose Number of Circuits 4 Output Type Rail-to-Rail Slew Rate 1.6 V/μs Gain Bandwidth Product 6.4MHz -3db Bandwidth - Current - Input Bias 1.3nA Voltage - Input Offset 500μV Current - Supply 550μA Current - Output / Channel 80mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 6 V, ±1.35 V ~ 3 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC		
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Output TypeRail-to-RailSlew Rate $1.6 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 6.4MHz -3db Bandwidth-Current - Input Bias 1.3nA Voltage - Input Offset $500\mu\text{V}$ Current - Supply $550\mu\text{A}$ Current - Output / Channel 80mA Voltage - Supply, Single/Dual (\pm) $2.7 \text{ V} \sim 6 \text{ V}, \pm 1.35 \text{ V} \sim 3 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case 16-SOIC (0.154° , 3.90mm Width)Supplier Device Package 16-SOIC	Amplifier Type	General Purpose
Slew Rate 1.6 V/µs 6.4MHz 6.4	Number of Circuits	4
Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 1.3nA Voltage - Input Offset 500μV Current - Supply 550μA Current - Output / Channel 80mA Voltage - Supply, Single/Dual (±) 2.7 V ~ 6 V, ±1.35 V ~ 3 V Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package	Output Type	Rail-to-Rail
$-3 db \ Bandwidth \\ -Current - Input \ Bias \\ 1.3nA \\ Voltage - Input \ Offset \\ 500 \mu V \\ Current - Supply \\ 550 \mu A \\ Current - Output / Channel \\ 80mA \\ Voltage - Supply, Single/Dual (\pm) 2.7 \ V \sim 6 \ V, \pm 1.35 \ V \sim 3 \ V \\ Operating \ Temperature \\ -40^{\circ}C \sim 125^{\circ}C \\ Mounting \ Type \\ Surface \ Mount \\ Package / Case \\ 16-SOIC (0.154", 3.90mm \ Width) \\ Supplier \ Device \ Package \\ 16-SOIC \\ \\$	Slew Rate	1.6 V/μs
Current - Input Bias 1.3nA Voltage - Input Offset 500 μ V Current - Supply 550 μ A Current - Output / Channel 80mA Voltage - Supply, Single/Dual (\pm) 2.7 V ~ 6 V, \pm 1.35 V ~ 3 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Gain Bandwidth Product	6.4MHz
Voltage - Input Offset $500\mu V$ Current - Supply $550\mu A$ Current - Output / Channel $80mA$ Voltage - Supply, Single/Dual (±) $2.7 \text{ V} \sim 6 \text{ V}, \pm 1.35 \text{ V} \sim 3 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case 16-SOIC (0.154", 3.90mm Width)Supplier Device Package 16-SOIC	-3db Bandwidth	-
Current - Supply $550\mu A$ Current - Output / Channel $80mA$ Voltage - Supply, Single/Dual (±) $2.7 \text{ V} \sim 6 \text{ V}, \pm 1.35 \text{ V} \sim 3 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 16-SOIC $(0.154^{\circ}, 3.90mm \text{ Width})$ Supplier Device Package 16-SOIC	Current - Input Bias	1.3nA
Current - Output / Channel $80mA$ Voltage - Supply, Single/Dual (\pm) $2.7 \text{ V} \sim 6 \text{ V}, \pm 1.35 \text{ V} \sim 3 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case 16-SOIC (0.154° , 3.90mm Width)Supplier Device Package 16-SOIC	Voltage - Input Offset	500μV
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Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Current - Output / Channel	80mA
Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Voltage - Supply, Single/Dual (±)	2.7 V ~ 6 V, ±1.35 V ~ 3 V
Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 16-SOIC	Mounting Type	Surface Mount
	Package / Case	16-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	16-SOIC
		Report errors?

TLV2465ID 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.

TLV2465ID Payment Methods





















TLV2465ID Shipping Methods













If you have any question about TLV2465ID, please do not hesitate to contact us!

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