

TLV2762ID Information



For Reference Only

Part Number TLV2762ID

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 500KHZ 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



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









TLV2762ID Specifications

Manufacturer Part NumberTLV27621DManufacturerTexas InstrumentsCategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-SOIC (0.154", 3.90mm Width)Series-Amplifier TypeGeneral PurposeNumber of Circuits2Output TypeRail-to-RailSlew Rate0.23 V/μsGain Bandwidth Product500kHz-3db Bandwidth-Current - Input Bias3pAVoltage - Input Offset550μVCurrent - Supply20μACurrent - Output / Channel10.2mAVoltage - Supply, Single/Dual (±)1.8 V ~ 3.6 V, ±0.9 V ~ 1.8 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)		
CategoryIntegrated Circuits (ICs)Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-SOIC (0.154", 3.90mm Width)Series-Amplifier TypeGeneral PurposeNumber of Circuits2Output TypeRail-to-RailSlew Rate0.23 V/μsGain Bandwidth Product500kHz-3db Bandwidth-Current - Input Bias3pAVoltage - Input Offset550μVCurrent - Supply20μACurrent - Output / Channel10.2mAVoltage - Supply, Single/Dual (±)1.8 V ~ 3.6 V, ±0.9 V ~ 1.8 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	TLV2762ID
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 8-SOIC (0.154", 3.90mm Width) Series - Amplifier Type General Purpose Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 0.23 V/μs Gain Bandwidth Product 500kHz -3db Bandwidth - Current - Input Bias 3pA Voltage - Input Offset 550μV Current - Supply 20μA Current - Output / Channel 10.2mA Voltage - Supply, Single/Dual (±) 1.8 V ~ 3.6 V, ±0.9 V ~ 1.8 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Manufacturer	Texas Instruments
Package8-SOIC (0.154", 3.90mm Width)Series-Amplifier TypeGeneral PurposeNumber of Circuits2Output TypeRail-to-RailSlew Rate0.23 V/μsGain Bandwidth Product500kHz-3db Bandwidth-Current - Input Bias3pAVoltage - Input Offset550μVCurrent - Supply20μACurrent - Output / Channel10.2mAVoltage - Supply, Single/Dual (±)1.8 V ~ 3.6 V, ±0.9 V ~ 1.8 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)	Category	Integrated Circuits (ICs)
Series - Amplifier Type General Purpose Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 0.23 V/μs Gain Bandwidth Product 500kHz -3db Bandwidth - Current - Input Bias 3pA Voltage - Input Offset 550μV Current - Supply 20μA Current - Output / Channel 10.2mA Voltage - Supply, Single/Dual (±) 1.8 V ~ 3.6 V, ±0.9 V ~ 1.8 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type General Purpose Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 0.23 V/ μ s Gain Bandwidth Product 500kHz -3db Bandwidth - Current - Input Bias 3pA Voltage - Input Offset 550 μ V Current - Supply 20 μ A Current - Output / Channel 10.2mA Voltage - Supply, Single/Dual (\pm) 1.8 V ~ 3.6 V, \pm 0.9 V ~ 1.8 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Package	8-SOIC (0.154", 3.90mm Width)
Number of Circuits 2 Output Type Rail-to-Rail Slew Rate 0.23 V/ μ s Gain Bandwidth Product 500kHz -3db Bandwidth - Current - Input Bias 3pA Voltage - Input Offset 550 μ V Current - Supply 20 μ A Current - Output / Channel 10.2mA Voltage - Supply, Single/Dual (\pm) 1.8 V ~ 3.6 V, \pm 0.9 V ~ 1.8 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Series	-
Output Type Rail-to-Rail Slew Rate 0.23 V/ μ s Gain Bandwidth Product 500kHz -3db Bandwidth - Current - Input Bias 3pA Voltage - Input Offset 550 μ V Current - Supply 20 μ A Current - Output / Channel 10.2mA Voltage - Supply, Single/Dual (\pm) 1.8 V ~ 3.6 V, \pm 0.9 V ~ 1.8 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Amplifier Type	General Purpose
Slew Rate 0.23 V/ μ s Gain Bandwidth Product 500kHz -3db Bandwidth - Current - Input Bias 3pA Voltage - Input Offset 550 μ V Current - Supply 20 μ A Current - Output / Channel 10.2mA Voltage - Supply, Single/Dual (±) 1.8 V ~ 3.6 V, ±0.9 V ~ 1.8 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Number of Circuits	2
	Output Type	Rail-to-Rail
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	0.23 V/μs
Current - Input Bias $3pA$ Voltage - Input Offset $550\mu V$ Current - Supply $20\mu A$ Current - Output / Channel $10.2mA$ Voltage - Supply, Single/Dual (\pm) $1.8\ V \sim 3.6\ V$, $\pm 0.9\ V \sim 1.8\ V$ Operating Temperature $-40^{\circ}C \sim 85^{\circ}C$ Mounting Type Surface Mount Package / Case $8-SOIC\ (0.154", 3.90mm\ Width)$	Gain Bandwidth Product	500kHz
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-3db Bandwidth	-
Current - Supply $20\mu A$ Current - Output / Channel $10.2mA$ 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 $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount 8-SOIC (0.154", 3.90mm Width)	Current - Input Bias	3pA
$\begin{tabular}{lll} Current - Output / Channel & 10.2mA & & & & & & & & & & & & & & & & & & &$	Voltage - Input Offset	550μV
Voltage - Supply, Single/Dual (\pm) 1.8 V ~ 3.6 V, \pm 0.9 V ~ 1.8 V Operating Temperature -40°C ~ 85°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Current - Supply	20μΑ
Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width)	Current - Output / Channel	10.2mA
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 ~ 85°C
-	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package 8-SOIC	Supplier Device Package	8-SOIC
Report errors		Report errors?

TLV2762ID 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.

TLV2762ID Payment Methods



















TLV2762ID Shipping Methods













If you have any question about TLV2762ID, please do not hesitate to contact us!

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