



TLV2462IDGK Information



For Reference Only

Part Number TLV2462IDGK

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 6.4MHZ RRO 8VSSOP **Package** 8-TSSOP, 8-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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TLV2462IDGK Specifications

Manufacturer Part Number TLV2462IDGK Manufacturer Texas Instruments Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Series - Amplifier Type General Purpose Number of Circuits 2 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 - 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 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	•	
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Amplifier Type General Purpose Number of Circuits 2 Output Type Rail-to-Rail Slew Rate	Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
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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 Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Amplifier Type	General Purpose
Slew Rate $ \begin{array}{cccc} 1.6 \text{ V/}\mu\text{s} \\ \text{Gain Bandwidth Product} & 6.4 \text{MHz} \\ -3 \text{db Bandwidth} & - \\ \text{Current - Input Bias} & 1.3 \text{nA} \\ \text{Voltage - Input Offset} & 500 \mu\text{V} \\ \text{Current - Supply} & 550 \mu\text{A} \\ \text{Current - Output / Channel} & 80 \text{mA} \\ \text{Voltage - Supply, Single/Dual (\pm)} & 2.7 \text{ V } ~ 6 \text{ V, } \pm1.35 \text{ V } ~ 3 \text{ V} \\ \text{Operating Temperature} & -40^{\circ}\text{C} ~ 125^{\circ}\text{C} \\ \text{Mounting Type} & \text{Surface Mount} \\ \text{Package / Case} & 8-TSSOP, 8-MSOP (0.118", 3.00 \text{mm Width}) \\ \end{array} $	Number of Circuits	2
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Output Type	Rail-to-Rail
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Slew Rate	1.6 V/μs
$\begin{array}{llllllllllllllllllllllllllllllllllll$	Gain Bandwidth Product	6.4MHz
$\begin{tabular}{lllllllllllllllllllllllllllllllllll$	-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 $8\text{-TSSOP}, 8\text{-MSOP} (0.118", 3.00mm \text{ Width})$	Current - Input Bias	1.3nA
$\begin{tabular}{lll} Current - Output / Channel & 80mA & \\ Voltage - Supply, Single/Dual (\pm) & 2.7 V ~ 6 V, \pm1.35 V ~ 3 V & Operating Temperature & -40^{\circ}\text{C} \sim 125^{\circ}\text{C} & \\ Mounting Type & Surface Mount & \\ Package / Case & 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) & \\ \end{tabular}$	Voltage - Input Offset	500μV
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 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Current - Supply	550μΑ
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Current - Output / Channel	80mA
Mounting Type Surface Mount Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Voltage - Supply, Single/Dual (±)	2.7 V ~ 6 V, ±1.35 V ~ 3 V
Package / Case 8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	Operating Temperature	-40°C ~ 125°C
	Mounting Type	Surface Mount
Supplier Davice Package 9 VSSOD	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Supplied Device Fackage 6-VSSOF	Supplier Device Package	8-VSSOP
Report errors		Report errors?

TLV2462IDGK 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.

TLV2462IDGK Payment Methods



















TLV2462IDGK Shipping Methods













If you have any question about TLV2462IDGK, please do not hesitate to contact us!

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