



#### **LMV824IDG4 Information**



For Reference Only

Part Number LMV824IDG4

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP GP 5.5MHZ RRO 14SOIC **Package** 14-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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## **LMV824IDG4 Specifications**

Manufacturer Part Number       LMV824IDG4         Manufacturer       Texas Instruments         Category       Integrated Circuits (ICs)         Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps         Package       14-SOIC (0.154", 3.90mm Width)         Series       -         Amplifier Type       General Purpose         Number of Circuits       4         Output Type       Rail-to-Rail         Slew Rate       1.9 V/μs         Gain Bandwidth Product       5.5MHz         -3db Bandwidth       -         Current - Input Bias       40nA         Voltage - Input Offset       ImV         Current - Supply       ImA         Current - Output / Channel       45mA         Voltage - Supply, Single/Dual (±)       2.5 V ~ 5.5 V, ±1.25 V ~ 2.75 V         Operating Temperature       -40°C ~ 125°C         Mounting Type       Surface Mount         Package / Case       14-SOIC (0.154", 3.90mm Width)         Supplier Device Package       14-SOIC		
Category  Integrated Circuits (ICs)  Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  Package  14-SOIC (0.154", 3.90mm Width)  Series  - Amplifier Type General Purpose  Number of Circuits  4 Output Type Rail-to-Rail  Slew Rate 1.9 V/µs  Gain Bandwidth Product 5.5MHz  -3db Bandwidth - Current - Input Bias 40nA  Voltage - Input Offset ImV  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Voltage - Supply, Single/Dual (±)  Operating Temperature  -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case  14-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	LMV824IDG4
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps  14-SOIC (0.154", 3.90mm Width)  Series  - Amplifier Type General Purpose  Number of Circuits 4  Output Type Rail-to-Rail Slew Rate 1.9 V/µs  Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 40nA  Voltage - Input Offset ImV  Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature 40°C ~ 125°C  Mounting Type Surface Mount Package / Case  Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps 14-SOIC (0.154", 3.90mm Width)	Manufacturer	Texas Instruments
Package 14-SOIC (0.154", 3.90mm Width)  Series - Amplifier Type General Purpose  Number of Circuits 4 Output Type Rail-to-Rail  Slew Rate 1.9 V/µs  Gain Bandwidth Product 5.5MHz  -3db Bandwidth - Current - Input Bias 40nA  Voltage - Input Offset 1mV  Current - Supply 1mA  Current - Output / Channel 45mA  Voltage - Supply, Single/Dual (±) 2.5 V ~ 5.5 V, ±1.25 V ~ 2.75 V  Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 14-SOIC (0.154", 3.90mm Width)	Category	Integrated Circuits (ICs)
Series - Amplifier Type General Purpose  Number of Circuits 4  Output Type Rail-to-Rail  Slew Rate 1.9 V/µs  Gain Bandwidth Product 5.5MHz  -3db Bandwidth  - Current - Input Bias 40nA  Voltage - Input Offset ImV  Current - Supply 1mA  Current - Output / Channel 45mA  Voltage - Supply, Single/Dual (±) 2.5 V ~ 5.5 V, ±1.25 V ~ 2.75 V  Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 14-SOIC (0.154", 3.90mm Width)		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type  Number of Circuits  4  Output Type  Rail-to-Rail  Slew Rate  1.9 V/µs  Gain Bandwidth Product  -3db Bandwidth  -  Current - Input Bias  Voltage - Input Offset  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  Mounting Type  Package / Case  General Purpose  4  General Purpose  4  An  4  An  4  An  Love Anil  Anil	Package	14-SOIC (0.154", 3.90mm Width)
Number of Circuits  Output Type  Rail-to-Rail  Slew Rate  1.9 V/µs  Gain Bandwidth Product  -3db Bandwidth  - Current - Input Bias  Voltage - Input Offset  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Voltage - Supply, Single/Dual (±)  Operating Temperature  Mounting Type  Package / Case  Rail-to-Rail  4  And  1.9 V/µs  5.5MHz  -  -  -  -  -  -  -  -  -  -  -  -  -	Series	-
Output Type Rail-to-Rail  Slew Rate  1.9 V/µs  Gain Bandwidth Product 5.5MHz  -3db Bandwidth - Current - Input Bias 40nA  Voltage - Input Offset ImV  Current - Supply ImA  Current - Output / Channel Voltage - Supply, Single/Dual (±) 2.5 V ~ 5.5 V, ±1.25 V ~ 2.75 V  Operating Temperature  40°C ~ 125°C  Mounting Type Surface Mount Package / Case  14-SOIC (0.154", 3.90mm Width)	Amplifier Type	General Purpose
Slew Rate $1.9 \text{ V/}\mu\text{s}$ Gain Bandwidth Product $5.5 \text{MHz}$ $-3 \text{db Bandwidth}$ $- \text{Current - Input Bias}$ $40 \text{nA}$ $Voltage - Input Offset$ $1 \text{mV}$ $Current - Supply$ $1 \text{mA}$ $Current - Output / Channel$ $45 \text{mA}$ $Voltage - Supply, Single/Dual (±)$ $2.5 \text{ V} \sim 5.5 \text{ V}, \pm 1.25 \text{ V} \sim 2.75 \text{ V}$ $0 \text{perating Temperature}$ $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ $Mounting Type$ $Surface Mount$ $Package / Case$ $14-SOIC (0.154", 3.90 \text{mm Width})$	Number of Circuits	4
Gain Bandwidth Product  -3db Bandwidth  - Current - Input Bias  40nA  Voltage - Input Offset  1mV  Current - Supply  1mA  Current - Output / Channel  45mA  Voltage - Supply, Single/Dual (±)  Operating Temperature  40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  5.5MHz  5.5MHz  5.5MHz  5.5MHz  -40°A  40nA  40nA  40nA  45mA  45mA  45mA  Voltage - Supply, Single/Dual (±)  2.5 V ~ 5.5 V, ±1.25 V ~ 2.75 V  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  14-SOIC (0.154", 3.90mm Width)	Output Type	Rail-to-Rail
-3db Bandwidth  Current - Input Bias  40nA  Voltage - Input Offset  1mV  Current - Supply  1mA  Current - Output / Channel  45mA  Voltage - Supply, Single/Dual (±)  2.5 V ~ 5.5 V, ±1.25 V ~ 2.75 V  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  14-SOIC (0.154", 3.90mm Width)	Slew Rate	1.9 V/μs
Current - Input Bias  Voltage - Input Offset  ImV  Current - Supply  ImA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  Mounting Type  Surface Mount  Package / Case  40nA  1mV  2.5 V ~ 5.5 V, ±1.25 V ~ 2.75 V  -40°C ~ 125°C  Surface Mount  14-SOIC (0.154", 3.90mm Width)	Gain Bandwidth Product	5.5MHz
Voltage - Input Offset	-3db Bandwidth	-
Current - Supply  Current - Output / Channel  45mA  Voltage - Supply, Single/Dual (±)  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  14-SOIC (0.154", 3.90mm Width)	Current - Input Bias	40nA
Current - Output / Channel $45mA$ Voltage - Supply, Single/Dual (±) $2.5 \text{ V} \sim 5.5 \text{ V}, \pm 1.25 \text{ V} \sim 2.75 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount  Package / Case $14\text{-SOIC}$ (0.154", 3.90mm Width)	Voltage - Input Offset	1mV
Voltage - Supply, Single/Dual ( $\pm$ ) 2.5 V ~ 5.5 V, $\pm$ 1.25 V ~ 2.75 V Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width)	Current - Supply	1mA
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Mounting Type Surface Mount  Package / Case 14-SOIC (0.154", 3.90mm Width)	Current - Output / Channel	45mA
Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width)	Voltage - Supply, Single/Dual (±)	2.5 V ~ 5.5 V, ±1.25 V ~ 2.75 V
Package / Case 14-SOIC (0.154", 3.90mm Width)	Operating Temperature	-40°C ~ 125°C
	Mounting Type	Surface Mount
Supplier Device Package 14-SOIC	Package / Case	14-SOIC (0.154", 3.90mm Width)
	Supplier Device Package	14-SOIC
Report errors		Report errors?

#### **LMV824IDG4** 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.

# **LMV824IDG4 Payment Methods**





















## **LMV824IDG4 Shipping Methods**













If you have any question about LMV824IDG4, please do not hesitate to contact us!

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