



TLC27M4BCDG4 Information



For Reference Only

Part Number TLC27M4BCDG4
Manufacturer Texas Instruments
Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

Buffer Amps

Description IC OPAMP GP 635KHZ 14SOIC **Package** 14-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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TLC27M4BCDG4 Specifications

Manufacturer Part Number Manufacturer Category Integrated Circuits (ICs) Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps Package 14-SOIC (0.154", 3.90mm Width) Series LinCMOS? Amplifier Type General Purpose Number of Circuits 4 Output Type Slew Rate 0.62 V/µs Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 0.7pA Voltage - Input Offset Current - Supply Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC		
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Package 14-SOIC $(0.154^{"}, 3.90 \text{mm Width})$ Series LinCMOS? Amplifier Type General Purpose Number of Circuits 4 Output Type - Slew Rate $0.62 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 635kHz -3db Bandwidth -Current - Input Bias 0.7pA Voltage - Input Offset $260 \mu\text{V}$ Current - Supply $570 \mu\text{A}$ Current - Output / Channel 30mA Voltage - Supply, Single/Dual (\pm) $3 \text{ V} \sim 16 \text{ V}, \pm 1.5 \text{ V} \sim 8 \text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 14-SOIC $(0.154^{"}, 3.90 \text{mm Width})$	Category	Integrated Circuits (ICs)
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Output Type - Slew Rate 0.62 V/μs Gain Bandwidth Product 635kHz -3db Bandwidth - Current - Input Bias 0.7pA Voltage - Input Offset 260μV Current - Supply 570μA Current - Output / Channel 30mA Voltage - Supply, Single/Dual (±) 3 V ~ 16 V, ±1.5 V ~ 8 V Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width)	Amplifier Type	General Purpose
Slew Rate $0.62 \text{ V/}\mu\text{s}$ Gain Bandwidth Product 635kHz -3db Bandwidth - Current - Input Bias 0.7pA Voltage - Input Offset $260\mu\text{V}$ Current - Supply $570\mu\text{A}$ Current - Output / Channel 30mA Voltage - Supply, Single/Dual (±) $3 \text{ V} \sim 16 \text{ V}, \pm 1.5 \text{ V} \sim 8 \text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case $14\text{-SOIC} (0.154^{\circ}, 3.90\text{mm Width})$	Number of Circuits	4
Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 0.7pA Voltage - Input Offset 260µV Current - Supply 570µA Current - Output / Channel 30mA Voltage - Supply, Single/Dual (±) 3 V ~ 16 V, ±1.5 V ~ 8 V Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width)	Output Type	-
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Slew Rate	0.62 V/μs
$ \begin{array}{llllllllllllllllllllllllllllllllllll$	Gain Bandwidth Product	635kHz
Voltage - Input Offset	-3db Bandwidth	-
Current - Supply $570\mu A$ Current - Output / Channel $30mA$ Voltage - Supply, Single/Dual (\pm) $3 \ V \sim 16 \ V$, $\pm 1.5 \ V \sim 8 \ V$ Operating Temperature $0^{\circ}C \sim 70^{\circ}C$ Mounting Type Surface Mount Package / Case 14 -SOIC (0.154", 3.90mm Width)	Current - Input Bias	0.7pA
Current - Output / Channel $30mA$ Voltage - Supply, Single/Dual (±) $3 \text{ V} \sim 16 \text{ V}, \pm 1.5 \text{ V} \sim 8 \text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting TypeSurface MountPackage / Case 14-SOIC (0.154", 3.90mm Width)	Voltage - Input Offset	260μV
Voltage - Supply, Single/Dual (\pm) 3 V ~ 16 V, \pm 1.5 V ~ 8 V Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width)	Current - Supply	570μΑ
Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width)	Current - Output / Channel	30mA
Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width)	Voltage - Supply, Single/Dual (±)	3 V ~ 16 V, ±1.5 V ~ 8 V
Package / Case 14-SOIC (0.154", 3.90mm Width)	Operating Temperature	0°C ~ 70°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?

TLC27M4BCDG4 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.

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TLC27M4BCDG4 Shipping Methods













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