



## **TLE2072CDG4 Information**



For Reference Only

Part Number TLE2072CDG4

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP JFET 10MHZ 8SOIC **Package** 8-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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## **TLE2072CDG4 Specifications**

Manufacturer Part Number       TLE2072CDG4         Manufacturer       Texas Instruments         Category       Integrated Circuits (ICs)         Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps         Package       8-SOIC (0.154", 3.90mm Width)         Series       Excalibur?         Amplifier Type       J-FET         Number of Circuits       2         Output Type       -         Slew Rate       45 V/μs         Gain Bandwidth Product       10MHz         -3db Bandwidth       -         Current - Input Bias       20pA         Voltage - Input Offset       1.1mV         Current - Supply       3.1mA         Current - Output / Channel       48mA         Voltage - Supply, Single/Dual (±)       4.5 V ~ 38 V, ±2.25 V ~ 19 V         Operating Temperature       0°C ~ 70°C         Mounting Type       Surface Mount         Package / Case       8-SOIC (0.154", 3.90mm Width)         Supplier Device Package       8-SOIC		
Integrated Circuits (ICs)   Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps	Manufacturer Part Number	TLE2072CDG4
Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-SOIC (0.154", 3.90mm Width)SeriesExcalibur?Amplifier TypeJ-FETNumber of Circuits2Output Type-Slew Rate45 V/μsGain Bandwidth Product10MHz-3db Bandwidth-Current - Input Bias20pAVoltage - Input Offset1.1mVCurrent - Supply3.1mACurrent - Output / Channel48mAVoltage - Supply, Single/Dual (±)4.5 V ~ 38 V, ±2.25 V ~ 19 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Manufacturer	Texas Instruments
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SeriesExcalibur?Amplifier TypeJ-FETNumber of Circuits2Output Type-Slew Rate45 V/μsGain Bandwidth Product10MHz-3db Bandwidth-Current - Input Bias20pAVoltage - Input Offset1.1mVCurrent - Supply3.1mACurrent - Output / Channel48mAVoltage - Supply, Single/Dual (±)4.5 V ~ 38 V, ±2.25 V ~ 19 VOperating Temperature0°C ~ 70°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type Number of Circuits 2 Output Type - Slew Rate 45 V/μs Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 20pA Voltage - Input Offset 1.1mV Current - Supply 3.1mA Current - Output / Channel Voltage - Supply, Single/Dual (±) 4.5 V ~ 38 V, ±2.25 V ~ 19 V Operating Temperature 0°C ~ 70°C Mounting Type Package / Case 8-SOIC 8-SOIC	Package	8-SOIC (0.154", 3.90mm Width)
Number of Circuits         2           Output Type         -           Slew Rate         45 V/μs           Gain Bandwidth Product         10MHz           -3db Bandwidth         -           Current - Input Bias         20pA           Voltage - Input Offset         1.1mV           Current - Supply         3.1mA           Current - Output / Channel         48mA           Voltage - Supply, Single/Dual (±)         4.5 V ~ 38 V, ±2.25 V ~ 19 V           Operating Temperature         0°C ~ 70°C           Mounting Type         Surface Mount           Package / Case         8-SOIC (0.154", 3.90mm Width)           Supplier Device Package         8-SOIC	Series	Excalibur?
Output Type  Slew Rate  Gain Bandwidth Product  -3db Bandwidth  -Current - Input Bias  Voltage - Input Offset  Current - Supply  3.1mA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  Mounting Type  Surface Mount  Package / Case  8-SOIC  8-SOIC	Amplifier Type	J-FET
Slew Rate  Gain Bandwidth Product  -3db Bandwidth  -  Current - Input Bias  Voltage - Input Offset  1.1mV  Current - Supply  3.1mA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  Mounting Type  Surface Mount  Package / Case  8-SOIC  8-SOIC	Number of Circuits	2
Gain Bandwidth Product  -3db Bandwidth  -  Current - Input Bias  20pA  Voltage - Input Offset  1.1mV  Current - Supply  3.1mA  Current - Output / Channel  48mA  Voltage - Supply, Single/Dual (±)  4.5 V ~ 38 V, ±2.25 V ~ 19 V  Operating Temperature  0°C ~ 70°C  Mounting Type  Surface Mount  Package / Case  8-SOIC (0.154", 3.90mm Width)  Supplier Device Package	Output Type	-
-3db Bandwidth - Current - Input Bias 20pA  Voltage - Input Offset 1.1mV  Current - Supply 3.1mA  Current - Output / Channel 48mA  Voltage - Supply, Single/Dual (±) 4.5 V ~ 38 V, ±2.25 V ~ 19 V  Operating Temperature 0°C ~ 70°C  Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-SOIC	Slew Rate	45 V/μs
Current - Input Bias  Voltage - Input Offset  1.1mV  Current - Supply  3.1mA  Current - Output / Channel  48mA  Voltage - Supply, Single/Dual (±)  4.5 V ~ 38 V, ±2.25 V ~ 19 V  Operating Temperature  0°C ~ 70°C  Mounting Type  Surface Mount  Package / Case  8-SOIC (0.154", 3.90mm Width)  Supplier Device Package	Gain Bandwidth Product	10MHz
Voltage - Input Offset  Current - Supply  3.1mA  Current - Output / Channel  48mA  Voltage - Supply, Single/Dual (±)  Operating Temperature  Mounting Type  Surface Mount  Package / Case  8-SOIC (0.154", 3.90mm Width)  Supplier Device Package	-3db Bandwidth	-
Current - Supply  3.1mA  Current - Output / Channel  48mA  Voltage - Supply, Single/Dual (±)  4.5 V ~ 38 V, ±2.25 V ~ 19 V  Operating Temperature  0°C ~ 70°C  Mounting Type  Surface Mount  Package / Case  8-SOIC (0.154", 3.90mm Width)  Supplier Device Package  8-SOIC	Current - Input Bias	20pA
Current - Output / Channel $48mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $4.5 \text{ V} \sim 38 \text{ V}, \pm 2.25 \text{ V} \sim 19 \text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting Type Surface Mount  Package / Case $8\text{-SOIC}$ (0.154", 3.90mm Width)  Supplier Device Package $8\text{-SOIC}$	Voltage - Input Offset	1.1mV
Voltage - Supply, Single/Dual ( $\pm$ ) 4.5 V ~ 38 V, $\pm$ 2.25 V ~ 19 V Operating Temperature 0°C ~ 70°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Current - Supply	3.1mA
Operating Temperature 0°C ~ 70°C  Mounting Type Surface Mount  Package / Case 8-SOIC (0.154", 3.90mm Width)  Supplier Device Package 8-SOIC	Current - Output / Channel	48mA
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Voltage - Supply, Single/Dual (±)	4.5 V ~ 38 V, ±2.25 V ~ 19 V
Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Operating Temperature	0°C ~ 70°C
Supplier Device Package 8-SOIC	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.154", 3.90mm Width)
D	Supplier Device Package	8-SOIC
Report errors		Report errors?

#### **TLE2072CDG4 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.



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We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

# **TLE2072CDG4 Payment Methods**



















### **TLE2072CDG4 Shipping Methods**













If you have any question about TLE2072CDG4, please do not hesitate to contact us!

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