



# **TLE2082IP Information**

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For Reference Only

Part Number TLE2082IP

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP JFET 10MHZ 8DIP

**Package** 8-DIP (0.300", 7.62mm)

For the pricing/inventory/lead time, please contact

us

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



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# **Certified Quality**

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# **TLE2082IP Specifications**

Manufacturer Part Number         TLE2082IP           Manufacturer         Texas Instruments           Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         8-DIP (0.300", 7.62mm)           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         -40°C ~ 85°C           Mounting Type         Through Hole           Package / Case         8-DIP (0.300", 7.62mm)           Supplier Device Package         8-DIP (0.300", 7.62mm)		
Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         8-DIP (0.300", 7.62mm)           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         -40°C ~ 85°C           Mounting Type         Through Hole           Package / Case         8-DIP (0.300", 7.62mm)           Supplier Device Package         8-PDIP	Manufacturer Part Number	TLE2082IP
Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         8-DIP (0.300", 7.62mm)           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         -40°C ~ 85°C           Mounting Type         Through Hole           Package / Case         8-DIP (0.300", 7.62mm)           Supplier Device Package         8-PDIP	Manufacturer	Texas Instruments
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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 -40°C ~ 85°C  Mounting Type Through Hole  Package / Case 8-DIP (0.300", 7.62mm)  Supplier Device Package		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 -40°C ~ 85°C Mounting Type Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-PDIP	Package	8-DIP (0.300", 7.62mm)
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         -40°C ~ 85°C           Mounting Type         Through Hole           Package / Case         8-DIP (0.300", 7.62mm)           Supplier Device Package         8-PDIP	Series	Excalibur?
Output Type - Slew Rate 45 V/ $\mu$ s 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 ( $\pm$ ) 4.5 V ~ 38 V, $\pm$ 2.25 V ~ 19 V Operating Temperature -40°C ~ 85°C Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-PDIP	Amplifier Type	J-FET
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 -40°C ~ 85°C  Mounting Type Through Hole  Package / Case 8-DIP (0.300", 7.62mm)  Supplier Device Package 8-PDIP	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  -40°C ~ 85°C  Mounting Type  Through Hole  Package / Case  8-DIP (0.300", 7.62mm)  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  40°C ~ 85°C  Mounting Type  Through Hole  Package / Case  8-DIP (0.300", 7.62mm)  Supplier Device Package	Slew Rate	45 V/μs
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  -40°C ~ 85°C  Mounting Type  Through Hole  Package / Case  8-DIP (0.300", 7.62mm)  Supplier Device Package  8-PDIP	Gain Bandwidth Product	10MHz
Voltage - Input Offset 1.1mV   Current - Supply 3.1mA   Current - Output / Channel 48mA   Voltage - Supply, Single/Dual ( $\pm$ ) 4.5 V ~ 38 V, $\pm$ 2.25 V ~ 19 V   Operating Temperature -40°C ~ 85°C   Mounting Type Through Hole   Package / Case 8-DIP (0.300", 7.62mm)   Supplier Device Package 8-PDIP	-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  -40°C ~ 85°C  Mounting Type  Through Hole  Package / Case  8-DIP (0.300", 7.62mm)  Supplier Device Package  8-PDIP	Current - Input Bias	20pA
Current - Output / Channel $48mA$ Voltage - Supply, Single/Dual (±) $4.5 \text{ V} \sim 38 \text{ V}, \pm 2.25 \text{ V} \sim 19 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ Mounting Type Through Hole  Package / Case $8\text{-DIP} (0.300^{\circ}, 7.62mm)$ Supplier Device Package $8\text{-PDIP}$	Voltage - Input Offset	1.1mV
Voltage - Supply, Single/Dual ( $\pm$ ) 4.5 V ~ 38 V, $\pm$ 2.25 V ~ 19 V Operating Temperature -40°C ~ 85°C Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-PDIP	Current - Supply	3.1mA
Operating Temperature -40°C ~ 85°C  Mounting Type Through Hole  Package / Case 8-DIP (0.300", 7.62mm)  Supplier Device Package 8-PDIP	Current - Output / Channel	48mA
Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-PDIP	Voltage - Supply, Single/Dual (±)	4.5 V ~ 38 V, ±2.25 V ~ 19 V
Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-PDIP	Operating Temperature	-40°C ~ 85°C
Supplier Device Package 8-PDIP	Mounting Type	Through Hole
	Package / Case	8-DIP (0.300", 7.62mm)
Report errors?	Supplier Device Package	8-PDIP
Report chois.		Report errors?

### **TLE2082IP 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.

# **TLE2082IP Payment Methods**





















### **TLE2082IP Shipping Methods**













If you have any question about TLE2082IP, please do not hesitate to contact us!

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