



## **TL071ACN Information**

wy refrener.com

For Reference Only

Part Number TL071ACN

Manufacturer STMicroelectronics

Category Integrated Circuits (ICs)

Linear - Amplifiers - Instrumentation, OP Amps,

**Buffer Amps** 

**Description** IC OPAMP JFET 4MHZ 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



Request a Quote

# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









# **TL071ACN Specifications**

Manufacturer Part Number         TL071ACN           Manufacturer         STMicroelectronics           Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         8-DIP (0.300", 7.62mm)           Series         -           Amplifier Type         J-FET           Number of Circuits         1           Output Type         -           Slew Rate         16 V/μs           Gain Bandwidth Product         4MHz           -3db Bandwidth         -           Current - Input Bias         20pA           Voltage - Input Offset         3mV           Current - Output / Channel         40mA           Voltage - Supply, Single/Dual (±)         6 V ~ 36 V, ±3 V ~ 18 V           Operating Temperature         0°C ~ 70°C           Mounting Type         Through Hole           Package / Case         8-DIP (0.300", 7.62mm)           Supplier Device Package         8-DIP		
Category         Integrated Circuits (ICs)           Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps           Package         8-DIP (0.300", 7.62mm)           Series         -           Amplifier Type         J-FET           Number of Circuits         1           Output Type         -           Slew Rate         16 V/μs           Gain Bandwidth Product         4MHz           -3db Bandwidth         -           Current - Input Bias         20pA           Voltage - Input Offset         3mV           Current - Supply         1.4mA           Current - Output / Channel         40mA           Voltage - Supply, Single/Dual (±)         6 V ~ 36 V, ±3 V ~ 18 V           Operating Temperature         0°C ~ 70°C           Mounting Type         Through Hole           Package / Case         8-DIP (0.300", 7.62mm)           Supplier Device Package         8-DIP	Manufacturer Part Number	TL071ACN
Linear - Amplifiers - Instrumentation, OP Amps, Buffer AmpsPackage8-DIP (0.300", 7.62mm)Series-Amplifier TypeJ-FETNumber of Circuits1Output Type-Slew Rate16 V/μsGain Bandwidth Product4MHz-3db Bandwidth-Current - Input Bias20pAVoltage - Input Offset3mVCurrent - Supply1.4mACurrent - Output / Channel40mAVoltage - Supply, Single/Dual (±)6 V ~ 36 V, ±3 V ~ 18 VOperating Temperature0°C ~ 70°CMounting TypeThrough HolePackage / Case8-DIP (0.300", 7.62mm)Supplier Device Package8-DIP	Manufacturer	STMicroelectronics
Package         8-DIP (0.300", 7.62mm)           Series         -           Amplifier Type         J-FET           Number of Circuits         1           Output Type         -           Slew Rate         16 V/μs           Gain Bandwidth Product         4MHz           -3db Bandwidth         -           Current - Input Bias         20pA           Voltage - Input Offset         3mV           Current - Supply         1.4mA           Current - Output / Channel         40mA           Voltage - Supply, Single/Dual (±)         6 V ~ 36 V, ±3 V ~ 18 V           Operating Temperature         0°C ~ 70°C           Mounting Type         Through Hole           Package / Case         8-DIP (0.300", 7.62mm)           Supplier Device Package         8-DIP	Category	Integrated Circuits (ICs)
Series         -           Amplifier Type         J-FET           Number of Circuits         1           Output Type         -           Slew Rate         16 V/μs           Gain Bandwidth Product         4MHz           -3db Bandwidth         -           Current - Input Bias         20pA           Voltage - Input Offset         3mV           Current - Supply         1.4mA           Current - Output / Channel         40mA           Voltage - Supply, Single/Dual (±)         6 V ~ 36 V, ±3 V ~ 18 V           Operating Temperature         0°C ~ 70°C           Mounting Type         Through Hole           Package / Case         8-DIP (0.300", 7.62mm)           Supplier Device Package         8-DIP		Linear - Amplifiers - Instrumentation, OP Amps, Buffer Amps
Amplifier Type Number of Circuits 1 Output Type - Slew Rate 16 V/µs Gain Bandwidth Product -3db Bandwidth - Current - Input Bias Voltage - Input Offset 3mV Current - Supply 1.4mA Current - Output / Channel Voltage - Supply, Single/Dual (±) Operating Temperature 0°C ~ 70°C Mounting Type Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package	Package	8-DIP (0.300", 7.62mm)
Number of Circuits 1 Output Type - Slew Rate 16 $V/\mu s$ Gain Bandwidth Product 4MHz -3db Bandwidth - Current - Input Bias 20pA Voltage - Input Offset 3mV Current - Supply 1.4mA Current - Output / Channel 40mA Voltage - Supply, Single/Dual ( $\pm$ ) 6 V ~ 36 V, $\pm$ 3 V ~ 18 V Operating Temperature 0°C ~ 70°C Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-DIP	Series	-
Output Type  Slew Rate  16 V/µs  Gain Bandwidth Product  4MHz  -3db Bandwidth  - Current - Input Bias  20pA  Voltage - Input Offset  3mV  Current - Supply  1.4mA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  0°C ~ 70°C  Mounting Type  Through Hole  Package / Case  8-DIP (0.300", 7.62mm)  Supplier Device Package	Amplifier Type	J-FET
Slew Rate 16 V/µs  Gain Bandwidth Product 4MHz  -3db Bandwidth -  Current - Input Bias 20pA  Voltage - Input Offset 3mV  Current - Supply 1.4mA  Current - Output / Channel 40mA  Voltage - Supply, Single/Dual (±) 6 V ~ 36 V, ±3 V ~ 18 V  Operating Temperature 0°C ~ 70°C  Mounting Type Through Hole  Package / Case 8-DIP (0.300", 7.62mm)  Supplier Device Package 8-DIP	Number of Circuits	1
Gain Bandwidth Product -3db Bandwidth - Current - Input Bias 20pA Voltage - Input Offset 3mV Current - Supply 1.4mA Current - Output / Channel 40mA Voltage - Supply, Single/Dual (±) 6 V ~ 36 V, ±3 V ~ 18 V Operating Temperature 0°C ~ 70°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  3mV  Current - Supply  1.4mA  Current - Output / Channel  Voltage - Supply, Single/Dual (±)  Operating Temperature  0°C ~ 70°C  Mounting Type  Through Hole  Package / Case  8-DIP (0.300", 7.62mm)  Supplier Device Package	Slew Rate	16 V/μs
Current - Input Bias  20pA  Voltage - Input Offset  3mV  Current - Supply  1.4mA  Current - Output / Channel  40mA  Voltage - Supply, Single/Dual (±)  6 V ~ 36 V, ±3 V ~ 18 V  Operating Temperature  0°C ~ 70°C  Mounting Type  Through Hole  Package / Case  8-DIP (0.300", 7.62mm)  Supplier Device Package	Gain Bandwidth Product	4MHz
Voltage - Input Offset $3mV$ Current - Supply $1.4mA$ Current - Output / Channel $40mA$ Voltage - Supply, Single/Dual ( $\pm$ ) $6V \sim 36V, \pm 3V \sim 18V$ Operating Temperature $0^{\circ}C \sim 70^{\circ}C$ Mounting Type Through Hole  Package / Case $8$ -DIP $(0.300^{\circ}, 7.62mm)$ Supplier Device Package $8$ -DIP	-3db Bandwidth	-
Current - Supply Current - Output / Channel 40mA  Voltage - Supply, Single/Dual (±) Operating Temperature 0°C ~ 70°C  Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm)  Supplier Device Package 8-DIP	Current - Input Bias	20pA
Current - Output / Channel $40\text{mA}$ Voltage - Supply, Single/Dual (±) $6 \text{ V} \sim 36 \text{ V}, \pm 3 \text{ V} \sim 18 \text{ V}$ Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting Type Through Hole  Package / Case $8\text{-DIP}$ $(0.300^{\circ}, 7.62\text{mm})$ Supplier Device Package $8\text{-DIP}$	Voltage - Input Offset	3mV
Voltage - Supply, Single/Dual ( $\pm$ ) 6 V ~ 36 V, $\pm$ 3 V ~ 18 V Operating Temperature 0°C ~ 70°C Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-DIP	Current - Supply	1.4mA
Operating Temperature $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ Mounting TypeThrough HolePackage / Case8-DIP $(0.300^{\circ}, 7.62\text{mm})$ Supplier Device Package8-DIP	Current - Output / Channel	40mA
Mounting Type Through Hole Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-DIP	Voltage - Supply, Single/Dual (±)	6 V ~ 36 V, ±3 V ~ 18 V
Package / Case 8-DIP (0.300", 7.62mm) Supplier Device Package 8-DIP	Operating Temperature	0°C ~ 70°C
Supplier Device Package 8-DIP	Mounting Type	Through Hole
	Package / Case	8-DIP (0.300", 7.62mm)
Report errors?	Supplier Device Package	8-DIP
report errors.		Report errors?

#### **TL071ACN 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.

# **TL071ACN Payment Methods**



















## **TL071ACN Shipping Methods**













If you have any question about TL071ACN, please do not hesitate to contact us!

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