



Image may be representation.  
See specifications for product details.



## TL071IDT

Manufacturer Part Number	<b>TL071IDT</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-TL071IDT
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OPAMP JFET 1 CIRCUIT 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<b>TL071.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

TL071IDT - STMicroelectronics.New Original in Stock. Download Linear Technology TL071IDT datasheet/specifications on AllelcoElec.com.  
Request a quote for TL071IDT, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

TL071IDT Tech Specifications

TL071IDT - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Operating Temperature	-40°C ~ 105°C
Voltage - Supply Span (Min)	6 V	Number of Circuits	1
Voltage - Supply Span (Max)	36 V	Mounting Type	Surface Mount
Voltage - Input Offset	3 mV	Gain Bandwidth Product	4 MHz
Supplier Device Package	8-SOIC	Current - Supply	1.4mA
Slew Rate	16V/μs	Current - Output / Channel	40 mA
Series	-	Current - Input Bias	20 pA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	TL071
Package	Tape & Reel (TR)	Amplifier Type	J-FET
Output Type	-		

## Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics TL071IDT

Product Attribute				
Part Number	TL071IDT	TL071IDR	TL071HIDCKR	TL071HIDR
Manufacturer	STMicroelectronics	Texas Instruments	Texas Instruments	Texas Instruments
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	5-TSSOP, SC-70-5, SOT-353	8-SOIC (0.154", 3.90mm Width)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Gain Bandwidth Product	4 MHz	3 MHz	5.25 MHz	5.25 MHz
Amplifier Type	J-FET	J-FET	J-FET	J-FET
Operating Temperature	-40°C ~ 105°C	-40°C ~ 85°C	-40°C ~ 125°C (TA)	-40°C ~ 125°C (TA)
Current - Output / Channel	40 mA	-	-	-
Current - Supply	1.4mA	1.4mA	1.4mA	1.4mA
Number of Circuits	1	1	1	1
Output Type	-	-	-	-
Voltage - Supply Span (Min)	6 V	10 V	4.5 V	4.5 V
Base Product Number	TL071	TL071	-	-
Current - Input Bias	20 pA	65 pA	1 pA	1 pA
Voltage - Supply Span (Max)	36 V	30 V	40 V	40 V
Series	-	-	-	-
Voltage - Input Offset	3 mV	3 mV	1 mV	1 mV
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	8-SOIC	8-SOIC	SC-70-5	8-SOIC
Slew Rate	16V/μs	13V/μs	20V/μs	20V/μs

## TL071IDT Datasheet PDF

Download TL071IDT pdf datasheets and STMicroelectronics documentation for TL071IDT - STMicroelectronics.

### Datasheets

[TL071.pdf](#)

### PCN Design/Specification

[New Material Set for SO8 & SO14 Pkg 18/Nov/2015.pdf](#)

### PCN Packaging

[Mult Dev Cover Tape Chg 14/Aug/2019.pdf](#)



Mult Devices Lead Frame 12/Jan/2018.pdf

## Customers Also Interested in

### Recommended Products

**TL071IDR**Texas Instruments  
IC OPAMP JFET 1 CIRCUIT 8SOIC**TL071HIDCKR**Texas Instruments  
IC OPAMP JFET 1 CIRCUIT SC70-5**TL071HIDR**Texas Instruments  
IC OPAMP JFET 1 CIRCUIT 8SOIC**TL071ID**Texas Instruments  
IC OPAMP JFET 1 CIRCUIT 8SOIC**TL071IN**STMicroelectronics  
IC OPAMP JFET 1 CIRCUIT 8DIP**TL072ACD**onsemi  
IC OPAMP JFET 2 CIRCUIT 8SOIC**TL071CPS**Texas Instruments  
IC OPAMP JFET 1 CIRCUIT 8SO**TL071ID**STMicroelectronics  
IC OPAMP JFET 1 CIRCUIT 8SOIC**TL071HIDBVR**Texas Instruments  
IC OPAMP JFET 1 CIRCUIT SOT23-5**TL071CPSR**Texas Instruments  
IC OPAMP JFET 1 CIRCUIT 8SO**TL071MJG**

Texas Instruments

**TL072ACD**Texas Instruments  
IC OPAMP JFET 2 CIRCUIT 8SOIC**TL071CP**Texas Instruments  
IC OPAMP JFET 1 CIRCUIT 8DIP**TL071IP**Texas Instruments  
IC OPAMP JFET 1 CIRCUIT 8DIP**TL071MJGB**

Texas Instruments

**TL072ACD**STMicroelectronics  
IC OPAMP JFET 2 CIRCUIT 8SOIC**TL071CPSRG4**Texas Instruments  
IC OPAMP JFET 3MHZ 8SO**TL072A**Texas Instruments  
OPERATIONAL AMPLIFIER, 2 FUNC,  
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## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

### Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference

Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL &amp; FedEx Shipment Charges Reference

Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

Contact us if you have any questions.

### Payment Support

The payment method can be chosen from the methods shown below:

Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,  
PayPal.



### Your Faithful Supply Chain Partner -

Efficient Supply  
ManagementCost-Saving  
ProcurementFast Sourcing &  
Delivery

Contact us if you have any questions.



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### Certifications & Memberships



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