



Image may be representation.
See specifications for product details.



TL082CDT

Manufacturer Part Number	TL082CDT
Manufacturer	STMicroelectronics
Allelco Part Number	32D-TL082CDT
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OPAMP JFET 2 CIRCUIT 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	TL082(A,B).pdf
RoHs Status	ROHS3 Compliant

Get a Quote

TL082CDT - STMicroelectronics.New Original in Stock. Download Linear Technology TL082CDT datasheet/specifications on AllelcoElec.com.
Request a quote for TL082CDT, please send us email: info@allelco.com

Specifications

TL082CDT Tech Specifications

TL082CDT - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Operating Temperature	0°C ~ 70°C
Voltage - Supply Span (Min)	6 V	Number of Circuits	2
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	Automotive, AEC-Q100	Current - Input Bias	20 pA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	TL082
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 TL082CDT

Product Attribute				
Part Number	TL082CDT	TL082CDR	TL082CD	TL082CPT
Manufacturer	STMicroelectronics	Texas Instruments	onsemi	STMicroelectronics
Voltage - Supply Span (Max)	36 V	30 V	30 V	36 V
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-TSSOP (0.173", 4.40mm Width)
Amplifier Type	J-FET	J-FET	J-FET	J-FET
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Circuits	2	2	2	2
Output Type	-	-	-	-
Voltage - Input Offset	3 mV	3 mV	3 mV	3 mV
Current - Output / Channel	40 mA	10 mA	10 mA	40 mA
Operating Temperature	0°C ~ 70°C	0°C ~ 70°C	0°C ~ 70°C	0°C ~ 70°C
Voltage - Supply Span (Min)	6 V	10 V	10 V	6 V
Slew Rate	16V/μs	13V/μs	13V/μs	16V/μs
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Series	Automotive, AEC-Q100	-	Automotive, AEC-Q100	Automotive, AEC-Q100
Current - Supply	1.4mA	1.4mA (x2 Channels)	1.4mA (x2 Channels)	1.4mA
Base Product Number	TL082	TL082	-	TL082
Gain Bandwidth Product	4 MHz	3 MHz	3 MHz	4 MHz
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-TSSOP
Current - Input Bias	20 pA	30 pA	30 pA	20 pA

TL082CDT Datasheet PDF

Download TL082CDT pdf datasheets and STMicroelectronics documentation for TL082CDT - STMicroelectronics.

Datasheets

[TL082\(A,B\).pdf](#)


PCN Packaging

[Moisture Barrier Bag 09/May/2016.pdf](#)

[Cover Tape 07/Sep/2019.pdf](#)


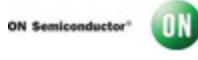
















PCN Design/Specification

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

 Mult Devices Lead Frame 12/Jan/2018.pdf

Customers Also Interested in

Recommended Products

					
TL082CDR Texas Instruments IC OPAMP JFET 2 CIRCUIT 8SOIC	TL082CD onsemi IC OPAMP JFET 2 CIRCUIT 8SOIC	TL082CD DGW STMicroelectronics	TL082CPT STMicroelectronics IC OPAMP JFET 2 CIRCUIT 8TSSOP	TL082BMN STMicroelectronics	TL082CMX Texas Instruments IC OPAMP JFET 2 CIRCUIT 8SOIC
					
TL082CM Texas Instruments IC OPAMP JFET 2 CIRCUIT 8SOIC	TL082C STMicroelectronics	TL082BIYDT STMicroelectronics IC OPAMP JFET 2 CIRCUIT 8SOIC	TL082CD DFL STMicroelectronics	TL082CP Texas Instruments IC OPAMP JFET 2 CIRCUIT 8DIP	TL082CDRG4 Texas Instruments IC OPAMP JFET 2 CIRCUIT 8SOIC
					
TL082CJ MOTOROLA	TL082CN STMicroelectronics IC OPAMP JFET 2 CIRC 8MINI DIP	TL082CD Texas Instruments IC OPAMP JFET 2 CIRCUIT 8SOIC	TL082CD STMicroelectronics IC OPAMP JFET 2 CIRCUIT 8SOIC	TL082CP/NJM082 JRC	TL082CPSR Texas Instruments IC OPAMP JFET 2 CIRCUIT 8SO

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 & 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 Management	 Cost-Saving Procurement	 Fast Sourcing & Delivery
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Contact us if you have any questions.

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Certifications & Memberships



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Contact us

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