



Image may be representation.
See specifications for product details.



TS462CDT

Manufacturer Part Number	TS462CDT
Manufacturer	STMicroelectronics
Allelco Part Number	32D-TS462CDT
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OPAMP GP 2 CIRCUIT 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	TS461,62,64.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

TS462CDT - STMicroelectronics.New Original in Stock. Download Linear Technology TS462CDT datasheet/specifications on AllelcoElec.com.
Request a quote for TS462CDT, please send us email: info@allelco.com

Specifications

TS462CDT Tech Specifications

TS462CDT - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Output Type	Rail-to-Rail
Voltage - Supply Span (Min)	2.7 V	Operating Temperature	-20°C ~ 70°C
Voltage - Supply Span (Max)	10 V	Number of Circuits	2
Voltage - Input Offset	1 mV	Mounting Type	Surface Mount
Supplier Device Package	8-SOIC	Gain Bandwidth Product	12 MHz
Slew Rate	4V/μs	Current - Supply	2mA (x2 Channels)
Series	-	Current - Input Bias	200 nA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	TS462
Package	Tape & Reel (TR)	Amplifier Type	General Purpose

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics TS462CDT

Product Attribute				
Part Number	TS462CDT	TS464CPT	TS464CDT	TS462CN
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Voltage - Supply Span (Max)	10 V	10 V	10 V	10 V
Series	-	-	-	-
Gain Bandwidth Product	12 MHz	12 MHz	12 MHz	12 MHz
Operating Temperature	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C	-20°C ~ 70°C
Voltage - Supply Span (Min)	2.7 V	2.7 V	2.7 V	2.7 V
Supplier Device Package	8-SOIC	14-TSSOP	14-SO	8-Mini DIP
Current - Input Bias	200 nA	200 nA	200 nA	200 nA
Package / Case	8-SOIC (0.154", 3.90mm Width)	14-TSSOP (0.173", 4.40mm Width)	14-SOIC (0.154", 3.90mm Width)	8-DIP (0.300", 7.62mm)
Number of Circuits	2	4	4	2
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Current - Supply	2mA (x2 Channels)	2mA (x4 Channels)	2mA (x4 Channels)	2mA (x2 Channels)
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Voltage - Input Offset	1 mV	1 mV	1 mV	1 mV
Slew Rate	4V/μs	4V/μs	4V/μs	4V/μs
Base Product Number	TS462	TS464	TS464	TS462
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole

TS462CDT Datasheet PDF

Download TS462CDT pdf datasheets and STMicroelectronics documentation for TS462CDT - STMicroelectronics.

Datasheets

[TS461,62,64.pdf](#)

PCN Packaging

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

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

PCN Design/Specification



















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

PCN Assembly/Origin



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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 & 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.

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Certifications & Memberships



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