



Image may be representation.  
See specifications for product details.



## TS514IDT

Manufacturer Part Number	<b>TS514IDT</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-TS514IDT
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OPAMP GP 4 CIRCUIT 14SO
Package	14-SOIC (0.154", 3.90mm Width)
Data sheet	<b>TS514.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

TS514IDT - STMicroelectronics.New Original in Stock. Download Linear Technology TS514IDT datasheet/specifications on AllelcoElec.com.  
Request a quote for TS514IDT, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

TS514IDT Tech Specifications

TS514IDT - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Operating Temperature	-40°C ~ 125°C
Voltage - Supply Span (Min)	6 V	Number of Circuits	4
Voltage - Supply Span (Max)	30 V	Mounting Type	Surface Mount
Voltage - Input Offset	500 µV	Gain Bandwidth Product	3 MHz
Supplier Device Package	14-SO	Current - Supply	500µA
Slew Rate	1.5V/µs	Current - Output / Channel	23 mA
Series	-	Current - Input Bias	50 nA
Package / Case	14-SOIC (0.154", 3.90mm Width)	Base Product Number	TS514
Package	Tape & Reel (TR)	Amplifier Type	General Purpose
Output Type	-		

## Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics TS514IDT

Product Attribute				
Part Number	TS514IDT	TS512IN	TS512YDT	TS514AID
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tube
Slew Rate	1.5V/µs	1.5V/µs	1.5V/µs	1.5V/µs
Number of Circuits	4	2	2	4
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Current - Input Bias	50 nA	50 nA	50 nA	50 nA
Supplier Device Package	14-SO	8-Mini DIP	8-SOIC	14-SO
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Gain Bandwidth Product	3 MHz	3 MHz	3 MHz	3 MHz
Current - Supply	500µA	500µA (x2 Channels)	500µA (x2 Channels)	500µA
Output Type	-	-	-	-
Current - Output / Channel	23 mA	23 mA	23 mA	23 mA
Series	-	Automotive, AEC-Q100	Automotive, AEC-Q100	-
Voltage - Supply Span (Min)	6 V	3 V	3 V	6 V
Voltage - Supply Span (Max)	30 V	30 V	30 V	30 V
Base Product Number	TS514	TS512	TS512	TS514
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Voltage - Input Offset	500 µV	500 µV	500 µV	500 µV
Package / Case	14-SOIC (0.154", 3.90mm Width)	8-DIP (0.300", 7.62mm)	8-SOIC (0.154", 3.90mm Width)	14-SOIC (0.154", 3.90mm Width)

## TS514IDT Datasheet PDF

Download TS514IDT pdf datasheets and STMicroelectronics documentation for TS514IDT - STMicroelectronics.

### Datasheets

[TS514.pdf](#)

### PCN Packaging

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



















[Box Label Chg 28/Jul/2016.pdf](#)

### PCN Design/Specification

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

## Customers Also Interested in

### Recommended Products

					
<b>TS5204CX50 RFG</b> Taiwan Semiconductor Corporation IC REG LINEAR 5V 80MA SOT23	<b>TS512MUDOC-S</b> TRANSCEND	<b>TS5204CY33 RM</b> Taiwan Semiconductor	<b>TS512IN</b> STMicroelectronics IC OPAMP GP 2 CIRCUIT 8MINI DIP	<b>TS512IYDT</b> STMicroelectronics IC OPAMP GP 2 CIRCUIT 8SOIC	<b>TS5204CY50 RM</b> Taiwan Semiconductor
					
<b>TS5204CX50</b> Taiwan Semiconductor Corporation 80MA 5V ULTRA LOW DROPOUT VOLTAGE	<b>TS5204CX33 RFG</b> Taiwan Semiconductor Corporation IC REG LINEAR 3.3V 80MA SOT23	<b>TS514I</b> STMicroelectronics	<b>TS514AID</b> STMicroelectronics IC OPAMP GP 4 CIRCUIT 14SO	<b>TS514ID</b> STMicroelectronics IC OPAMP GP 4 CIRCUIT 14SOIC	<b>TS514IN</b> STMicroelectronics IC OPAMP GP 4 CIRCUIT 14DIP
					
<b>TS512MKR72V6NL</b> Transcend	<b>TS5205CX5 RF</b> BCD	<b>TS514AIN</b> STMicroelectronics IC OPAMP GP 4 CIRCUIT 14DIP	<b>TS5204CX25 RF</b> Taiwan Semiconductor	<b>TS512IDT</b> STMicroelectronics IC OPAMP GP 2 CIRCUIT 8SOIC	<b>TS514AIDT</b> STMicroelectronics IC OPAMP GP 4 CIRCUIT 14SO

## 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

Contact us if you have any questions.

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### Certifications & Memberships



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