



Image may be representation.  
See specifications for product details.



## TS954IDT

Manufacturer Part Number	<b>TS954IDT</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-TS954IDT
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC OPAMP GP 4 CIRCUIT 14SO
Package	14-SOIC (0.154", 3.90mm Width)
Data sheet	<b>TS951,52,54.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

TS954IDT - STMicroelectronics.New Original in Stock. Download Linear Technology TS954IDT datasheet/specifications on AllelcoElec.com.  
Request a quote for TS954IDT, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

TS954IDT Tech Specifications

TS954IDT - 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)	2.7 V	Number of Circuits	4
Voltage - Supply Span (Max)	12 V	Mounting Type	Surface Mount
Voltage - Input Offset	6 mV	Gain Bandwidth Product	3 MHz
Supplier Device Package	14-SO	Current - Supply	950µA (x4 Channels)
Slew Rate	1V/µs	Current - Output / Channel	10 mA
Series	Automotive, AEC-Q100	Current - Input Bias	35 nA
Package / Case	14-SOIC (0.154", 3.90mm Width)	Base Product Number	TS954
Package	Tape & Reel (TR)	Amplifier Type	General Purpose
Output Type	Rail-to-Rail		

## Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics TS954IDT

Product Attribute				
Part Number	TS954IDT	<b>TS952ID</b>	<b>TS971ID</b>	<b>TS951R1YLT</b>
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Package / Case	14-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	SC-74A, SOT-753
Current - Output / Channel	10 mA	10 mA	100 mA	10 mA
Package	Tape & Reel (TR)	Tube	Tube	Tape & Reel (TR)
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Amplifier Type	General Purpose	General Purpose	General Purpose	CMOS
Voltage - Supply Span (Max)	12 V	12 V	10 V	12 V
Gain Bandwidth Product	3 MHz	3 MHz	12 MHz	3 MHz
Number of Circuits	4	2	1	1
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	-	Automotive, AEC-Q100
Current - Supply	950µA (x4 Channels)	950µA (x2 Channels)	2mA	950µA
Supplier Device Package	14-SO	8-SOIC	8-SOIC	SOT-23-5
Base Product Number	TS954	TS952	TS971	TS951
Current - Input Bias	35 nA	35 nA	200 nA	35 nA
Voltage - Supply Span (Min)	2.7 V	2.7 V	2.7 V	2.7 V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Slew Rate	1V/µs	1V/µs	4V/µs	1V/µs
Voltage - Input Offset	6 mV	6 mV	1 mV	6 mV
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail

## TS954IDT Datasheet PDF

Download TS954IDT pdf datasheets and STMicroelectronics documentation for TS954IDT - STMicroelectronics.

### Datasheets

[TS951,52,54.pdf](#)

### PCN Design/Specification

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

## Customers Also Interested in

### Recommended Products

**TS9521D**STMicroelectronics  
IC OPAMP GP 2 CIRCUIT 8SOIC**TS971ID**STMicroelectronics  
IC OPAMP GP 1 CIRCUIT 8SOIC**TS951RIYLT**STMicroelectronics  
IC CMOS 1 CIRCUIT SOT23-5**TS952IYPT**STMicroelectronics  
IC OPAMP GP 2 CIRCUIT 8TSSOP**TS972IDT**STMicroelectronics  
IC OPAMP GP 2 CIRCUIT 8SOIC**TS954IYPT**STMicroelectronics  
IC OPAMP GP 4 CIRCUIT 14TSSOP**TS971IDT**STMicroelectronics  
IC OPAMP GP 1 CIRCUIT 8SOIC**TS951IN**STMicroelectronics  
IC OPAMP GP 1 CIRCUIT 8DIP**TS971ILT**STMicroelectronics  
IC OPAMP GP 1 CIRCUIT SOT23-5**TS954IPT**STMicroelectronics  
IC OPAMP GP 4 CIRCUIT 14TSSOP**TS972ID**STMicroelectronics  
IC OPAMP GP 2 CIRCUIT 8SOIC**TS952IN**STMicroelectronics  
IC OPAMP GP 2 CIRCUIT 8MINI DIP**TS954IN**STMicroelectronics  
IC OPAMP GP 4 CIRCUIT 14DIP**TS954IYDT**STMicroelectronics  
IC OPAMP GP 4 CIRCUIT 14SO**TS951IYLT**STMicroelectronics  
IC OPAMP GP 1 CIRCUIT SOT23-5**TS952IYDT**STMicroelectronics  
IC OPAMP GP 2 CIRCUIT 8SOIC**TS952IPT**STMicroelectronics  
IC OPAMP GP 2 CIRCUIT 8TSSOP**TS952IDT**STMicroelectronics  
IC OPAMP GP 2 CIRCUIT 8SOIC

## 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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Email

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## Certifications & Memberships



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