



Image may be representation.
See specifications for product details.



TS9222IDT

| | |
|--------------------------|----------------------------------|
| Manufacturer Part Number | TS9222IDT |
| Manufacturer | STMicroelectronics |
| Allelco Part Number | 32D-TS9222IDT |
| 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 | TS922x.pdf |
| RoHs Status | ROHS3 Compliant |

Get a Quote

TS9222IDT - STMicroelectronics.New Original in Stock. Download Linear Technology TS9222IDT datasheet/specifications on AllelcoElec.com.
Request a quote for TS9222IDT, please send us email: info@allelco.com

Specifications

TS9222IDT Tech Specifications

TS9222IDT - 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 | 2 |
| Voltage - Supply Span (Max) | 12 V | Mounting Type | Surface Mount |
| Voltage - Input Offset | 500 µV | Gain Bandwidth Product | 4 MHz |
| Supplier Device Package | 8-SOIC | Current - Supply | 900µA |
| Slew Rate | 1.3V/µs | Current - Output / Channel | 80 mA |
| Series | Automotive, AEC-Q100 | Current - Input Bias | 15 nA |
| Package / Case | 8-SOIC (0.154", 3.90mm Width) | Base Product Number | TS9222 |
| 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 TS9222IDT

| Product Attribute | | | | |
|-----------------------------|-------------------------------|--------------------------------|-------------------------|--------------------------------|
| Part Number | TS9222IDT | TS914IDT | TS914IN | TS922AIP |
| Manufacturer | STMicroelectronics | STMicroelectronics | STMicroelectronics | STMicroelectronics |
| Current - Output / Channel | 80 mA | 60 mA | 60 mA | 80 mA |
| Series | Automotive, AEC-Q100 | Automotive, AEC-Q100 | Automotive, AEC-Q100 | Automotive, AEC-Q100 |
| Voltage - Supply Span (Max) | 12 V | 16 V | 16 V | 12 V |
| Output Type | Rail-to-Rail | Rail-to-Rail | Rail-to-Rail | Rail-to-Rail |
| Slew Rate | 1.3V/µs | 1V/µs | 1V/µs | 1.3V/µs |
| Package / Case | 8-SOIC (0.154", 3.90mm Width) | 14-SOIC (0.154", 3.90mm Width) | 14-DIP (0.300", 7.62mm) | 8-TSSOP (0.173", 4.40mm Width) |
| Current - Supply | 900µA | 230µA | 230µA | 2mA |
| Voltage - Input Offset | 500 µV | 10 mV | 10 mV | 900 µV |
| Package | Tape & Reel (TR) | Tape & Reel (TR) | Tube | Tape & Reel (TR) |
| Number of Circuits | 2 | 4 | 4 | 2 |
| Amplifier Type | General Purpose | CMOS | CMOS | General Purpose |
| Mounting Type | Surface Mount | Surface Mount | Through Hole | Surface Mount |
| Operating Temperature | -40°C ~ 125°C | -40°C ~ 125°C | -40°C ~ 125°C | -40°C ~ 125°C |
| Base Product Number | TS9222 | TS914 | TS914 | TS922 |
| Voltage - Supply Span (Min) | 2.7 V | 2.7 V | 2.7 V | 2.7 V |
| Supplier Device Package | 8-SOIC | 14-SO | 14-DIP | 8-TSSOP |
| Current - Input Bias | 15 nA | 1 pA | 1 pA | 15 nA |
| Gain Bandwidth Product | 4 MHz | 1.4 MHz | 1.4 MHz | 4 MHz |

TS9222IDT Datasheet PDF

Download TS9222IDT pdf datasheets and STMicroelectronics documentation for TS9222IDT - STMicroelectronics.

Datasheets

[TS922x.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](#)

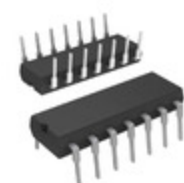
 Mult Devices Lead Frame 12/Jan/2018.pdf

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Recommended Products



TS914IDT
STMicroelectronics
IC CMOS 4 CIRCUIT 14SO



TS914IN
STMicroelectronics
IC CMOS 4 CIRCUIT 14DIP



TS922AIPT
STMicroelectronics
IC OPAMP GP 2 CIRCUIT 8TSSOP



TS9224IPT
STMicroelectronics
IC OPAMP GP 4 CIRCUIT 14TSSOP



TS914ID
STMicroelectronics
IC CMOS 4 CIRCUIT 14SO



TS9224IYDT
STMicroelectronics
IC OPAMP GP 4 CIRCUIT 14SO



TS9222IYPT
STMicroelectronics
IC OPAMP GP 2 CIRCUIT 8TSSOP



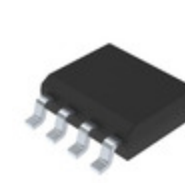
TS9224IDT
STMicroelectronics
IC OPAMP GP 4 CIRCUIT 14SO



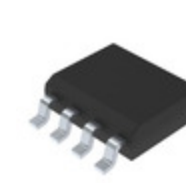
TS9222IYDT
STMicroelectronics
IC OPAMP GP 2 CIRCUIT 8SOIC



TS921ID
STMicroelectronics
IC OPAMP GP 1 CIRCUIT 8SOIC



TS922AIDT
STMicroelectronics
IC OPAMP GP 2 CIRCUIT 8SOIC



TS921IDT
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IC OPAMP GP 1 CIRCUIT 8SOIC



TS914IYDT
STMicroelectronics
IC CMOS 4 CIRCUIT 14SO



TS9222IPT
STMicroelectronics
IC OPAMP GP 2 CIRCUIT 8TSSOP

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IC OPAMP GP 2 CIRCUIT 8MINI DIP



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IC OPAMP GP 1 CIRCUIT 8TSSOP



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IC OPAMP GP 1 CIRCUIT 8DIP

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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+00852 9146 4856



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Certifications & Memberships



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