



Image may be representation.
See specifications for product details.



LMV824IDT

Manufacturer Part Number	LMV824IDT
Manufacturer	STMicroelectronics
Allelco Part Number	32D-LMV824IDT
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	LMV82x, LMV82xA.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

LMV824IDT - STMicroelectronics.New Original in Stock. Download Linear Technology LMV824IDT datasheet/specifications on AllelcoElec.com.
Request a quote for LMV824IDT, please send us email: info@allelco.com

Specifications

LMV824IDT Tech Specifications

LMV824IDT - 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)	2.5 V	Number of Circuits	4
Voltage - Supply Span (Max)	5.5 V	Mounting Type	Surface Mount
Voltage - Input Offset	3.5 mV	Gain Bandwidth Product	5.5 MHz
Supplier Device Package	14-SO	Current - Supply	300µA (x4 Channels)
Slew Rate	1.9V/µs	Current - Output / Channel	70 mA
Series	Automotive, AEC-Q100	Current - Input Bias	60 nA
Package / Case	14-SOIC (0.154", 3.90mm Width)	Base Product Number	LMV824
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 LMV824IDT

Product Attribute				
Part Number	LMV824IDT	LMV824IDGVR	LMV824IPT	LMV824PW
Manufacturer	STMicroelectronics	Texas Instruments	STMicroelectronics	Texas Instruments
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 85°C
Voltage - Supply Span (Max)	5.5 V	5.5 V	5.5 V	5.5 V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Base Product Number	LMV824	LMV824	LMV824	LMV824
Package / Case	14-SOIC (0.154", 3.90mm Width)	14-TFSOP (0.173", 4.40mm Width)	14-TSSOP (0.173", 4.40mm Width)	14-TSSOP (0.173", 4.40mm Width)
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Slew Rate	1.9V/µs	1.9V/µs	1.9V/µs	1.9V/µs
Current - Input Bias	60 nA	40 nA	60 nA	40 nA
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Number of Circuits	4	4	4	4
Series	Automotive, AEC-Q100	LMV®	Automotive, AEC-Q100	LMV®
Current - Supply	300µA (x4 Channels)	1mA	300µA (x4 Channels)	1mA
Current - Output / Channel	70 mA	45 mA	70 mA	45 mA
Voltage - Input Offset	3.5 mV	1 mV	3.5 mV	1 mV
Voltage - Supply Span (Min)	2.5 V	2.5 V	2.5 V	2.5 V
Supplier Device Package	14-SO	14-TVSOP	14-TSSOP	14-TSSOP
Gain Bandwidth Product	5.5 MHz	5.5 MHz	5.5 MHz	5.5 MHz

LMV824IDT Datasheet PDF

Download LMV824IDT pdf datasheets and STMicroelectronics documentation for LMV824IDT - STMicroelectronics.

Datasheets

[LMV82x, LMV82xA.pdf](#)

PCN Design/Specification

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

Customers Also Interested in

Recommended Products



LMV824IDGVR

Texas Instruments
IC OPAMP GP 4 CIRCUIT 14TVSOP



LMV824IPT

STMicroelectronics
IC OPAMP GP 4 CIRCUIT 14TSSOP



LMV824PW

Texas Instruments
IC OPAMP GP 4 CIRCUIT 14TSSOP



LMV824MTX

Texas Instruments
IC OPAMP GP 4 CIRCUIT 14TSSOP



LMV824DTBR2G

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IC OPAMP GP 4 CIRCUIT 14TSSOP

LMV824MT

Texas Instruments
IC OPAMP GP 5.6MHZ RRO 14TSSOP



LMV824D

Texas Instruments
IC OPAMP GP 4 CIRCUIT 14SOIC



LMV824AIYPT

STMicroelectronics
IC OPAMP GP 4 CIRCUIT 14TSSOP



LMV824DG4

Texas Instruments
IC OPAMP GP 4 CIRCUIT 14SOIC



LMV824IYDT

STMicroelectronics
IC OPAMP GP 4 CIRCUIT 14SOIC



LMV824DGVR

Texas Instruments
IC OPAMP GP 4 CIRCUIT 14TVSOP



LMV824ID

Texas Instruments
IC OPAMP GP 4 CIRCUIT 14SOIC



LMV824M

Texas Instruments
IC OPAMP GP 4 CIRCUIT 14SOIC



LMV824DR2G

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IC OPAMP GP 4 CIRCUIT 14SOIC



LMV824IPWR

Texas Instruments
IC OPAMP GP 4 CIRCUIT 14TSSOP



LMV824DR

Texas Instruments
IC OPAMP GP 4 CIRCUIT 14SOIC



LMV824MX

Texas Instruments
IC OPAMP GP 4 CIRCUIT 14SOIC

LMV824IDR

Texas Instruments
IC OPAMP GP 4 CIRCUIT 14SOIC

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.



Phone

+00852 9146 4856



Email

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Certifications & Memberships



View More



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