

Image may be representation.
See specifications for product details.



LMV824AIPT

Manufacturer Part Number	LMV824AIPT
Manufacturer	STMicroelectronics
Allelco Part Number	32D-LMV824AIPT
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OPAMP GP 4 CIRCUIT 14TSSOP
Package	14-TSSOP (0.173", 4.40mm Width)
Data sheet	LMV82x, LMV82xA.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

LMV824AIPT - STMicroelectronics. New Original in Stock. Download Linear Technology LMV824AIPT datasheet/specifications on AllelcoElec.com.
Request a quote for LMV824AIPT, please send us email: info@allelco.com

Specifications

LMV824AIPT Tech Specifications
LMV824AIPT - 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	800 µV	Gain Bandwidth Product	5.5 MHz
Supplier Device Package	14-TSSOP	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-TSSOP (0.173", 4.40mm 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 LMV824AIPT

Product Attribute				
Part Number	LMV824AIPT	LMV824DGVR	LMV824IDGVR	LMV824ID
Manufacturer	STMicroelectronics	Texas Instruments	Texas Instruments	Texas Instruments
Series	Automotive, AEC-Q100	LMV®	LMV®	LMV®
Base Product Number	LMV824	LMV824	LMV824	LMV824
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Gain Bandwidth Product	5.5 MHz	5.5 MHz	5.5 MHz	5.5 MHz
Package / Case	14-TSSOP (0.173", 4.40mm Width)	14-TFSOP (0.173", 4.40mm Width)	14-TFSOP (0.173", 4.40mm Width)	14-SOIC (0.154", 3.90mm Width)
Supplier Device Package	14-TSSOP	14-TVSOP	14-TVSOP	14-SOIC
Voltage - Supply Span (Max)	5.5 V	5.5 V	5.5 V	5.5 V
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Voltage - Supply Span (Min)	2.5 V	2.5 V	2.5 V	2.5 V
Voltage - Input Offset	800 µV	1 mV	1 mV	1 mV
Operating Temperature	-40°C ~ 125°C	-40°C ~ 85°C	-40°C ~ 125°C	-40°C ~ 125°C
Current - Output / Channel	70 mA	45 mA	45 mA	45 mA
Current - Input Bias	60 nA	40 nA	40 nA	40 nA
Current - Supply	300µA (x4 Channels)	1mA	1mA	1mA
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Number of Circuits	4	4	4	4
Slew Rate	1.9V/µs	1.9V/µs	1.9V/µs	1.9V/µs

LMV824AIPT Datasheet PDF

Download LMV824AIPT pdf datasheets and STMicroelectronics documentation for LMV824AIPT - STMicroelectronics.

Datasheets

[LMV82x, LMV82xA.pdf](#)

PCN Packaging







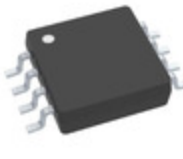











[Moisture Barrier Bag 09/May/2016.pdf](#)

PCN Assembly/Origin

[New material set 22/Apr/2020.pdf](#)

Customers Also Interested in

Recommended Products

					
LMV824DGVR Texas Instruments IC OPAMP GP 4 CIRCUIT 14TVSOP	LMV824IDGVR Texas Instruments IC OPAMP GP 4 CIRCUIT 14TVSOP	LMV824ID Texas Instruments IC OPAMP GP 4 CIRCUIT 14SOIC	LMV822QDRQ1 Texas Instruments	LMV8231ST STMicroelectronics IC OPAMP GP 2 CIRCUIT 10MINISO	LMV824DTBR2G onsemi IC OPAMP GP 4 CIRCUIT 14TSSOP
					
LMV822QDGKRQ1 Texas Instruments IC OPAMP GP 2 CIRCUIT 8VSSOP	LMV824AIYPT STMicroelectronics IC OPAMP GP 4 CIRCUIT 14TSSOP	LMV824AIDT STMicroelectronics IC OPAMP GP 4 CIRCUIT 14SOIC	LMV824D Texas Instruments IC OPAMP GP 4 CIRCUIT 14SOIC	LMV824DR Texas Instruments IC OPAMP GP 4 CIRCUIT 14SOIC	LMV824AIYDT STMicroelectronics IC OPAMP GP 4 CIRCUIT 14SOIC
					
LMV822Q1MM Texas Instruments	LMV824DG4 Texas Instruments IC OPAMP GP 4 CIRCUIT 14SOIC	LMV822Q1MMX Texas Instruments	LMV823AIST STMicroelectronics IC OPAMP GP 2 CIRCUIT 10MINISO	LMV824DR2G onsemi IC OPAMP GP 4 CIRCUIT 14SOIC	LMV822MX Texas Instruments 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.

-  Phone
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Certifications & Memberships



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