



Image may be representation.  
See specifications for product details.



## LMV823AIST

Manufacturer Part Number	<b>LMV823AIST</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-LMV823AIST
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OPAMP GP 2 CIRCUIT 10MINISO
Package	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
Data sheet	<b>LMV82x, LMV82xA.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

LMV823AIST - STMicroelectronics. New Original in Stock. Download Linear Technology LMV823AIST datasheet/specifications on AllelcoElec.com.  
Request a quote for LMV823AIST, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

LMV823AIST Tech Specifications  
LMV823AIST - 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	2
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	10-MiniSO	Current - Supply	300µA (x2 Channels)
Slew Rate	1.9V/µs	Current - Output / Channel	70 mA
Series	Automotive, AEC-Q100	Current - Input Bias	60 nA
Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	Base Product Number	LMV823
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 LMV823AIST

Product Attribute				
Part Number	LMV823AIST	LMV822MMX	LMV824D	LMV824AIDT
Manufacturer	STMicroelectronics	Texas Instruments	Texas Instruments	STMicroelectronics
Current - Input Bias	60 nA	40 nA	40 nA	60 nA
Gain Bandwidth Product	5.5 MHz	5.6 MHz	5.5 MHz	5.5 MHz
Base Product Number	LMV823	-	LMV824	LMV824
Voltage - Supply Span (Max)	5.5 V	5.5 V	5.5 V	5.5 V
Voltage - Input Offset	800 µV	1 mV	1 mV	800 µV
Package	Tape & Reel (TR)	Bulk	Tube	Tape & Reel (TR)
Current - Output / Channel	70 mA	45 mA	45 mA	70 mA
Operating Temperature	-40°C ~ 125°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 125°C
Voltage - Supply Span (Min)	2.5 V	2.5 V	2.5 V	2.5 V
Number of Circuits	2	2	4	4
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Slew Rate	1.9V/µs	2V/µs	1.9V/µs	1.9V/µs
Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	14-SOIC (0.154", 3.90mm Width)	14-SOIC (0.154", 3.90mm Width)
Series	Automotive, AEC-Q100	Automotive, AEC-Q100, LMV®	LMV®	Automotive, AEC-Q100
Supplier Device Package	10-MiniSO	8-VSSOP	14-SOIC	14-SO
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Supply	300µA (x2 Channels)	500µA (x2 Channels)	1mA	300µA (x4 Channels)
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail

### LMV823AIST Datasheet PDF

Download LMV823AIST pdf datasheets and STMicroelectronics documentation for LMV823AIST - STMicroelectronics.

#### Datasheets

[LMV82x, LMV82xA.pdf](#)

#### PCN Packaging





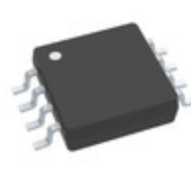


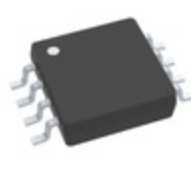










[Moisture Barrier Bag 09/May/2016.pdf](#)

#### PCN Assembly/Origin

[Mult Dev 16/Apr/2021.pdf](#)

## Customers Also Interested in

### Recommended Products

 <b>LMV822MMX</b> Texas Instruments IC OPAMP GP 2 CIRCUIT 8VSSOP	 <b>LMV824D</b> Texas Instruments IC OPAMP GP 4 CIRCUIT 14SOIC	 <b>LMV824AIDT</b> STMicroelectronics IC OPAMP GP 4 CIRCUIT 14SO	 <b>LMV824AIYDT</b> STMicroelectronics IC OPAMP GP 4 CIRCUIT 14SO	 <b>LMV822MM</b> Texas Instruments IC OPAMP GP 2 CIRCUIT 8VSSOP	 <b>LMV823IST</b> STMicroelectronics IC OPAMP GP 2 CIRCUIT 10MINISO
 <b>LMV822M</b> Texas Instruments LMV822-N DUAL LOW VOLTAGE, RRO,	 <b>LMV822QDGKRQ1</b> Texas Instruments IC OPAMP GP 2 CIRCUIT 8VSSOP	 <b>LMV824AIYPT</b> STMicroelectronics IC OPAMP GP 4 CIRCUIT 14TSSOP	 <b>LMV824DR</b> Texas Instruments IC OPAMP GP 4 CIRCUIT 14SOIC	 <b>LMV822QDRQ1</b> Texas Instruments	 <b>LMV824DG4</b> Texas Instruments IC OPAMP GP 4 CIRCUIT 14SOIC
 <b>LMV822IYST</b> STMicroelectronics IC OPAMP GP 2 CIRCUIT 8MINISO	 <b>LMV822Q1MM</b> Texas Instruments	 <b>LMV824DGVR</b> Texas Instruments IC OPAMP GP 4 CIRCUIT 14TVSOP	 <b>LMV822MX</b> Texas Instruments IC OPAMP GP 2 CIRCUIT 8SOIC	 <b>LMV822Q1MMX</b> Texas Instruments	 <b>LMV824AIPT</b> STMicroelectronics IC OPAMP GP 4 CIRCUIT 14TSSOP

## 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

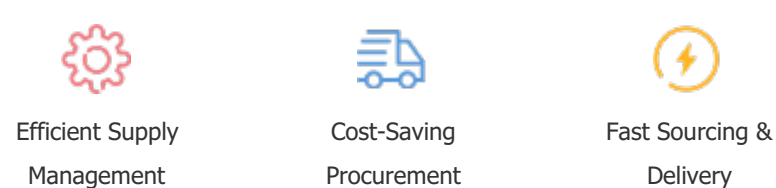
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

### 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 -



Contact us if you have any questions.



### Certifications & Memberships



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