

Image may be representation.  
See specifications for product details.



## LM2901YPT

Manufacturer Part Number	<b>LM2901YPT</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-LM2901YPT
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC COMPARATOR 4 GEN PUR 14TSSOP
Package	14-TSSOP (0.173", 4.40mm Width)
Data sheet	<b>LM2901.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

LM2901YPT - STMicroelectronics.New Original in Stock. Download Linear Technology LM2901YPT datasheet/specifications on AllelcoElec.com.  
Request a quote for LM2901YPT, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

LM2901YPT Tech Specifications  
LM2901YPT - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Operating Temperature	-40°C ~ 125°C
Voltage - Supply, Single/Dual (±)	2V ~ 32V, ±1V ~ 16V	Number of Elements	4
Voltage - Input Offset (Max)	7mV @ 5V	Mounting Type	Surface Mount
Type	General Purpose	Hysteresis	-
Supplier Device Package	14-TSSOP	Current - Quiescent (Max)	2.5mA
Series	Automotive, AEC-Q100	Current - Output (Typ)	16mA @ 5V
Propagation Delay (Max)	-	Current - Input Bias (Max)	0.25µA @ 5V
Package / Case	14-TSSOP (0.173", 4.40mm Width)	CMRR, PSRR (Typ)	-
Package	Tape & Reel (TR)	Base Product Number	LM2901
Output Type	CMOS, DTL, ECL, MOS, Open-Collector, TTL		

### Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics LM2901YPT

Product Attribute				
Part Number	LM2901YPT	LM2901VQPWR	LM2901VQPWRG4Q1	LM2901S14-13
Manufacturer	STMicroelectronics	Texas Instruments	Texas Instruments	Diodes Incorporated
Current - Quiescent (Max)	2.5mA	2.5mA	2.5mA	2.5mA
Output Type	CMOS, DTL, ECL, MOS, Open-Collector, TTL	CMOS, MOS, Open-Collector, TTL	CMOS, MOS, Open-Collector, TTL	-
Voltage - Input Offset (Max)	7mV @ 5V	7mV @ 32V	7mV @ 5V	7mV @ 5V
CMRR, PSRR (Typ)	-	-	-	-
Current - Input Bias (Max)	0.25µA @ 5V	0.25µA @ 5V	0.25µA @ 5V	0.25µA @ 5V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	LM2901	LM2901	LM2901	LM2901
Hysteresis	-	-	-	-
Supplier Device Package	14-TSSOP	14-TSSOP	14-TSSOP	14-SO
Series	Automotive, AEC-Q100	-	Automotive, AEC-Q100	-
Number of Elements	4	4	4	4
Voltage - Supply, Single/Dual (±)	2V ~ 32V, ±1V ~ 16V	2V ~ 32V, ±1V ~ 16V	2V ~ 36V, ±1V ~ 18V	2V ~ 36V, ±1V ~ 18V
Type	General Purpose	Differential	Differential	Differential
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Package / Case	14-TSSOP (0.173", 4.40mm Width)	14-TSSOP (0.173', 4.40mm Width)	14-TSSOP (0.173', 4.40mm Width)	14-SOIC (0.154', 3.90mm Width)
Current - Output (Typ)	16mA @ 5V	20mA	20mA	16mA @ 5V
Propagation Delay (Max)	-	-	-	-

### LM2901YPT Datasheet PDF

Download LM2901YPT pdf datasheets and STMicroelectronics documentation for LM2901YPT - STMicroelectronics.

#### PCN Packaging

Moisture Barrier Bag 09/May/2016.pdf

Box Label Chg 28/Jul/2016.pdf

#### PCN Design/Specification

Mult Devices 10/Nov/2017.pdf



















Mult Dev Des Chg 20/May/2020.pdf

#### HTML Datasheet

LM2901.pdf

## Customers Also Interested in

### Recommended Products

					
<b>LM2902AQT14-13</b> Diodes Incorporated IC OPAMP GP 4 CIRCUIT 14TSSOP	<b>LM2902DR</b> Rohm Semiconductor IC OPAMP GP 4 CIRCUIT 14SOPJ	<b>LM2901VQPWR</b> Texas Instruments IC COMPARATOR 4 DIFF 14TSSOP	<b>LM2901VQPWRG4Q1</b> Texas Instruments IC COMPARATOR 4 DIFF 14TSSOP	<b>LM2901S14-13</b> Diodes Incorporated IC COMPARATOR 4 DIFF 14SO	<b>LM2902DR2G</b> onsemi IC OPAMP GP 4 CIRCUIT 14SOIC
					
<b>LM2902DT</b> STMicroelectronics IC OPAMP GP 4 CIRCUIT 14SO	<b>LM2901VQPWR</b> Rohm Semiconductor IC COMPARATOR 4 GEN PUR 14TSSOP	<b>LM2901VD</b> onsemi IC COMPARATOR 4 GEN PUR 14SOIC	<b>LM2901VQDRG4Q1</b> Texas Instruments IC COMPARATOR 4 DIFF 14SOIC	<b>LM2901VDTBR2G</b> onsemi IC COMPARATOR 4 GEN PUR 14TSSOP	<b>LM2902DR</b> Texas Instruments IC OPAMP GP 4 CIRCUIT 14SOIC
					
<b>LM2901VQDRQ1</b> Texas Instruments IC COMPARATOR 4 DIFF 14SOIC	<b>LM2901YDT</b> STMicroelectronics IC COMPARATOR 4 GEN PUR 14SO	<b>LM2902DR</b> UMW SOP-14 OPERATIONAL AMPLIFIER ROH	<b>LM2901VQPWRQ1</b> Texas Instruments IC COMPARATOR 4 DIFF 14TSSOP	<b>LM2902</b> Texas Instruments	<b>LM2902DT</b> Rohm Semiconductor IC OPAMP GP 4 CIRCUIT 14SOPJ

## 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

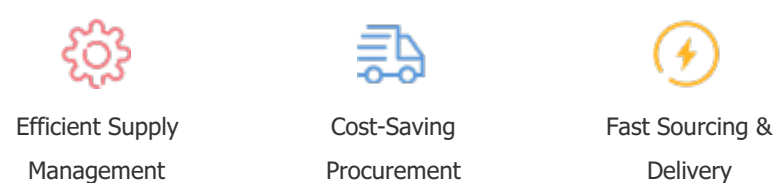
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

### Payment Support

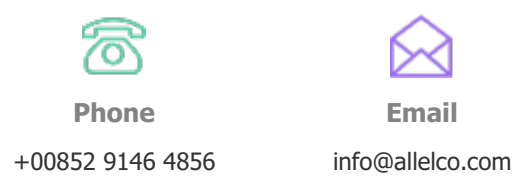
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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