

Image may be representation.  
See specifications for product details.



## TSV6290AICT

Manufacturer Part Number	<b>TSV6290AICT</b>
Manufacturer	<b>STMicroelectronics</b>
Allelco Part Number	32D-TSV6290AICT
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OPAMP GP 1 CIRCUIT SC70-6
Package	6-TSSOP, SC-88, SOT-363
Data sheet	<b>TSV6290-91(A).pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

TSV6290AICT - STMicroelectronics.New Original in Stock. Download Linear Technology TSV6290AICT datasheet/specifications on AllelcoElec.com.  
Request a quote for TSV6290AICT, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

TSV6290AICT Tech Specifications  
TSV6290AICT - 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)	1.5 V	Number of Circuits	1
Voltage - Supply Span (Max)	5.5 V	Mounting Type	Surface Mount
Voltage - Input Offset	800 µV	Gain Bandwidth Product	1.3 MHz
Supplier Device Package	SC-70-6	Current - Supply	30µA
Slew Rate	0.5V/µs	Current - Output / Channel	74 mA
Series	-	Current - Input Bias	1 pA
Package / Case	6-TSSOP, SC-88, SOT-363	Base Product Number	TSV6290
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 TSV6290AICT

Product Attribute				
Part Number	TSV6290AICT	TSV6291ICT	TSV6292IDT	TSV6291AILT
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	6-TSSOP, SC-88, SOT-363	5-TSSOP, SC-70-5, SOT-353	8-SOIC (0.154", 3.90mm Width)	SC-74A, SOT-753
Series	-	-	-	-
Current - Output / Channel	74 mA	74 mA	74 mA	74 mA
Voltage - Input Offset	800 µV	6 mV	4 mV	2 mV
Gain Bandwidth Product	1.3 MHz	1.3 MHz	1.3 MHz	1.3 MHz
Voltage - Supply Span (Min)	1.5 V	1.5 V	1.5 V	1.5 V
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Base Product Number	TSV6290	TSV6291	TSV6292	TSV6291
Slew Rate	0.5V/µs	0.5V/µs	0.5V/µs	0.5V/µs
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Supplier Device Package	SC-70-6	SC-70-5	8-SOIC	SOT-23-5
Amplifier Type	General Purpose	General Purpose	CMOS	General Purpose
Current - Input Bias	1 pA	1 pA	1 pA	1 pA
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Current - Supply	30µA	30µA	29µA	30µA
Voltage - Supply Span (Max)	5.5 V	5.5 V	5.5 V	5.5 V
Number of Circuits	1	1	2	1

### TSV6290AICT Datasheet PDF

Download TSV6290AICT pdf datasheets and STMicroelectronics documentation for TSV6290AICT - STMicroelectronics.

#### Datasheets

[TSV6290-91\(A\).pdf](#)

#### PCN Packaging



















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

#### PCN Assembly/Origin

[Stamped Lead Frames Source 20/Mar/2014.pdf](#)

## Customers Also Interested in

### Recommended Products

 <b>TSV6291ICT</b> STMicroelectronics IC OPAMP GP 1 CIRCUIT SC70-5	 <b>TSV6292IDT</b> STMicroelectronics IC CMOS 2 CIRCUIT 8SOIC	 <b>TSV6291AILT</b> STMicroelectronics IC OPAMP GP 1 CIRCUIT SOT23-5	 <b>TSV624IPT</b> STMicroelectronics IC CMOS 4 CIRCUIT 14TSSOP	 <b>TSV622ILT</b> STMicroelectronics IC OPAMP GP 420KHZ RRO SOT23-8	 <b>TSV6290AILT</b> STMicroelectronics IC OPAMP GP 1 CIRCUIT SOT23-6
 <b>TSV6291AICT</b> STMicroelectronics IC OPAMP GP 1 CIRCUIT SC70-5	 <b>TSV622AIDT</b> STMicroelectronics IC CMOS 2 CIRCUIT 8SOIC	 <b>TSV623AIST</b> STMicroelectronics IC CMOS 2 CIRCUIT 10MINISO	 <b>TSV6290ILT</b> STMicroelectronics IC OPAMP GP 1 CIRCUIT SOT23-6	 <b>TSV6290ICT</b> STMicroelectronics IC OPAMP GP 1 CIRCUIT SC70-6	 <b>TSV622AIST</b> STMicroelectronics IC CMOS 2 CIRCUIT 8MINISO
 <b>TSV624AIPT</b> STMicroelectronics IC CMOS 4 CIRCUIT 14TSSOP	 <b>TSV622ID</b> STMicroelectronics IC CMOS 2 CIRCUIT 8SOIC	 <b>TSV6292AIST</b> STMicroelectronics IC CMOS 2 CIRCUIT 8MINISO	 <b>TSV622IST</b> STMicroelectronics IC CMOS 2 CIRCUIT 8MINISO	 <b>TSV622IDT</b> STMicroelectronics IC CMOS 2 CIRCUIT 8SOIC	 <b>TSV6291ILT</b> STMicroelectronics IC OPAMP GP 1 CIRCUIT SOT23-5

## 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.

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Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



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