



TSV6391ICT

Manufacturer Part Number	TSV6391ICT
Manufacturer	STMicroelectronics
Allelco Part Number	32D-TSV6391ICT
ECAD Model	 PCB Symbol, Footprint & 3D Mode
Parts Description	IC OPAMP GP 1 CIRCUIT SC70-5
Package	5-TSSOP, SC-70-5, SOT-353
Data sheet	TSV6390-91(A).pdf
RoHs Status	 ROHS3 Compliant


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Specifications





TSV6391ICT Tech Specifications

TSV6391ICT - 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	3 mV	Gain Bandwidth Product	2.4 MHz
Supplier Device Package	SC-70-5	Current - Supply	60µA
Slew Rate	1.1V/µs	Current - Output / Channel	72 mA
Series	-	Current - Input Bias	1 pA
Package / Case	5-TSSOP, SC-70-5, SOT-353	Base Product Number	TSV6391
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 TSV6391ICT

Product Attribute				
Part Number	TSV6391ICT	TSV6392IDT	TSV6393IST	TSV6390ILT
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Number of Circuits	1	2	2	1
Base Product Number	TSV6391	TSV6392	TSV6393	TSV6390
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
Current - Supply	60µA	50µA	50µA	60µA
Amplifier Type	General Purpose	CMOS	CMOS	General Purpose
Voltage - Supply Span (Min)	1.5 V	1.5 V	1.5 V	1.5 V
Gain Bandwidth Product	2.4 MHz	2.4 MHz	2.4 MHz	2.4 MHz
Series	-	-	-	-
Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Slew Rate	1.1V/µs	1.1V/µs	1.1V/µs	1.1V/µs
Current - Output / Channel	72 mA	72 mA	72 mA	72 mA
Current - Input Bias	1 pA	1 pA	1 pA	1 pA
Voltage - Input Offset	3 mV	3 mV	3 mV	3 mV
Supplier Device Package	SC-70-5	8-SOIC	10-MiniISO	SOT-23-6
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Package / Case	5-TSSOP, SC-70-5, SOT-353	8-SOIC (0.154", 3.90mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	SOT-23-6
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C


TSV6391ICT Datasheet PDF

Download TSV6391ICT pdf datasheets and STMicroelectronics documentation for TSV6391ICT - STMicroelectronics.


Datasheets


[TSV6390-91\(A\).pdf](#)

PCN Obsolescence/ EOL


[DK OBS NOTICE.pdf](#)

PCN Packaging


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



Stamped Lead Frames Source 20/Mar/2014.pdf

Customers Also Interested in

Recommended Products



TSV6392IDT
STMicroelectronics
IC CMOS 2 CIRCUIT 8SOIC



TSV6393IST
STMicroelectronics
IC CMOS 2 CIRCUIT 10MINISO



TSV6390ILT
STMicroelectronics
IC OPAMP GP 1 CIRCUIT SOT23-6



TSV6391AICT
STMicroelectronics
IC OPAMP GP 1 CIRCUIT SC70-5



TSV6390ICT
STMicroelectronics
IC OPAMP GP 1 CIRCUIT SC70-6



TSV712IST
STMicroelectronics
IC CMOS 2 CIRCUIT 8MINISO



TSV712IQ2T
STMicroelectronics
IC CMOS 2 CIRCUIT 8DFN



TSV6394IPT
STMicroelectronics
IC CMOS 4 CIRCUIT 14TSSOP



TSV634AIPT
STMicroelectronics
IC OPAMP GP 4 CIRCUIT 14TSSOP



TSV6390AILT
STMicroelectronics
IC OPAMP GP 1 CIRCUIT SOT23-6



TSV634IPT
STMicroelectronics
IC OPAMP GP 4 CIRCUIT 14TSSOP



TSV6394AIPT
STMicroelectronics
IC CMOS 4 CIRCUIT 14TSSOP



TSV6391AILT
STMicroelectronics
IC OPAMP GP 1 CIRCUIT SOT23-5



TSV6390AICT
STMicroelectronics
IC OPAMP GP 1 CIRCUIT SC70-6



TSV6392IST
STMicroelectronics
IC CMOS 2 CIRCUIT 8MINISO



TSV635IPT
STMicroelectronics
IC OPAMP GP 4 CIRCUIT 16TSSOP



TSV634IQ4T
STMicroelectronics
IC OPAMP GP 4 CIRCUIT 16QFN



TSV6392AIST
STMicroelectronics
IC CMOS 2 CIRCUIT 8MINISO

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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- Cost-Saving Procurement
- Fast Sourcing & Delivery

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