

TSX711ILT

ECAD Model

Data sheet

Manufacturer Part Number TSX711ILT

Manufacturer **STMicroelectronics**

32D-TSX711ILT Allelco Part Number

IC OPAMP GP 1 CIRCUIT SOT23-5 Parts Description

TSX711, 712.pdf

SC-74A, SOT-753 Package

ROHS3 Compliant RoHs Status

Get a Quote



Image may be representation.

See specifications for product details.

TSX711ILT - STMicroelectronics.New Original in Stock. Download Linear Technology TSX711ILT datasheet/specifications on AllelcoElec.com. Request a quote for TSX711ILT, please send us email: info@allelco.com

PCB Symbol, Footprint & 3D Mode

Specifications

TSX711ILT Tech Specifications

TSX711ILT - 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)	2.7 V	Number of Circuits	1
Voltage - Supply Span (Max)	16 V	Mounting Type	Surface Mount
Voltage - Input Offset	200 μV	Gain Bandwidth Product	2.7 MHz
Supplier Device Package	SOT-23-5	Current - Supply	660µA
Slew Rate	1.4V/μs	Current - Output / Channel	71 mA
Series	-	Current - Input Bias	1 pA
Package / Case	SC-74A, SOT-753	Base Product Number	TSX711
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 TSX711ILT

Product Attribute 2507 DULT 150620451					
Manufacturer STMcroectroncs STMcroectrons STMcroectrons STMcroectroncs CHOS SEMcroectroncy CHOS SEMcroectroncy CHOS SEMcroectroncy SEMcroectr	Product Attribute				The second secon
Gain Bandwidth Product 2.7 PHz 250 Mz 10	Part Number	TSX711ILT	TSX632AIST	TSX921ILT	TSX922IYST
Voltage - Input Offset 200 μV 700 μV 4 mV 5 mV Amplifier Type General Purpose CMOS General Purpose CMOS Current - Supply 650,4 45μA 2.8mA 2.8mA (μ2 Chemels) Siew Rate 1.4V/μs 1.2V/μs 1.7V/μs 1.7V/μs Output Type file o Rail Rail o-Rail Rail o-Rail 1.8m2 (m) 1.8m2 (m) 1.7V/μs Base Product Number 15X71 35x52 3.2m2 (m) 1.5m2 (m) 1.5m2 (m) 1.5m2 (m) Munding Type 9 urfoce Pount 9 urfoce Mount 9 urfoce Mount 9 urfoce Mount 9 urfoce Mount Supplier Device Package 1 urfoce Mount 2 urfoce Mount 9 urfoce Mount 9 urfoce Mount Supplier Device Package 1 urfoce Mount 1 urfoce Mount 9 urfoce Mount 9 urfoce Mount Current - Output / Channel 1 urfoce 2 urfoce Mount 9 urfoce Mount 9 urfoce Mount Voltage - Supply Span (Min) 2 urfoce 9 urfoce Mount 9 urfoce Mount 9 urfoce Mount 9 urfoce Mount	Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Amplifier Type General Purpose CMOS Current - Supply 660µA 45µA 2.8mA 2.8mA (a2 Chennels) Siew Rate 1.7½µs 0.12½µs 1.7½µs 1.7½µs 1.7½µs Output Type Ral-to-Rail Rail-to-Rail Rail-to-Rail Rail-to-Rail Rail-to-Rail Base Product Number TSO/11 TSK632 TSK921 TSK922 TSK922 Mounting Type Surface Mount Surface Mount Surface Mount Surface Mount Surface Mount Series - - - Automobility, AEC-Q100 Number of Circuits 1 2 1 2 Supplier Device Package SOT-23-5 8-MinSO SOT-23-5 3-MinSO Current - Input Blas 1 pA 1 pA 10 pA 10 pA 10 pA Current - Supply Span (Min) 5C-74A, SOT-733 8-TSSOP, 8-MSOP (0.118°, 3.00mm Wolth) SC-74A, SOT-753 8-TSSOP, 8-MSOP (0.118°, 3.00mm Wolth) Voltage - Supply Span (Min) 2.7 V 3.3 V 4V 4V Voltage - Supply Sp	Gain Bandwidth Product	2.7 MHz	200 kHz	10 MHz	10 MHz
Current - Supply 660µA 45µA 2.8mA 2.8mA (x2 Channels) Slew Rate 1.4W/µs 0.12V/µs 17V/µs 17V/µs 17V/µs Output Type Rail-to-Rail Rail-to-Rail Rail-to-Rail Rail-to-Rail Rail-to-Rail Base Product Number 15X71 15X822 TSW921 TSW922 TSW922 Mounting Type Surface Mount Surface Mount Surface Mount Surface Mount Surface Mount Series - - Automotive, AEC-Q100 Number of Circuits 1 2 Automotive, AEC-Q100 Supplier Device Package SOT-23-5 8-MinSO SOT-23-5 8-HinsSO Current - Input Bias 1 pA 1 pA 1 pA 10 pA 10 pA 10 pA Current - Output / Channel 7 ImA 9 EXSOP, 8-MSOP (0.118", 3.00mm Width) SC-74A, SOT-753 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Voltage - Supply Span (Min) 2.7 V 3.3 V 4V 4V Voltage - Supply Span (Max) 16 V 16 V 16 V 16 V <	Voltage - Input Offset	200 μV	700 μV	4 mV	5 mV
Siew Rate 1.4V/µs 0.12V/µs 17V/µs 17V/µs 17V/µs Output Type Rail-to-Rail Rail-to-Rail Rail-to-Rail Rail-to-Rail Rail-to-Rail Base Product Number TSX711 TSX632 TSX921 TSX922 Mounting Type Surface Mount Surface Mount Surface Mount Series - - - Automotive, AEC Q100 Number of Circuits 1 2 - Automotive, AEC Q100 Supplier Device Package SOT-23-5 8-HinISO SOT-23-5 8-HinISO Current - Input Bias 1 pA 1 pA 10 pA 10 pA 10 pA Current - Output / Channel 7: mA 9: 2mA 74 mA 74 mA 74 mA Voltage - Supply Span (Min) 2:7Y 3:3 Y 4V 4V 4V Operating Temperature 40°C ~ 125°C 16 V	Amplifier Type	General Purpose	CMOS	General Purpose	CMOS
Output Type Rail-to-Rail Tassing 2 Rail-to-Rail Rail-to-Rail Tassing 2 Rail-to-Rail Rail-to-Rail </td <td>Current - Supply</td> <td>660µА</td> <td>45µA</td> <td>2.8mA</td> <td>2.8mA (x2 Channels)</td>	Current - Supply	660µА	45µA	2.8mA	2.8mA (x2 Channels)
Base Product Number TSX711 TSX632 TSX921 TSX922 Mounting Type Surface Mount Surface Mount Surface Mount Surface Mount Surface Mount Series - - - Automotive, AEC-Q100 Number of Circuits 1 2 1 2 Supplier Device Package SOT-23-5 8-MiniSO SOT-23-5 8-MiniSO 8-MiniSO Current - Input Bias 1 pA 1 pA 10 pA 10 pA 74 mA 74 mA Current - Output / Channel 71 mA 92 mA 74 mA 74 mA 74 mA 74 mA Voltage - Supply Span (Min) 2.7 V 3.3 V 4V 4V 4V Operating Temperature -40°C ~ 125°C -40°C ~ 125°C </td <td>Slew Rate</td> <td>1.4V/µs</td> <td>0.12V/µs</td> <td>17V/µs</td> <td>17V/μs</td>	Slew Rate	1.4V/µs	0.12V/µs	17V/µs	17V/μs
Mounting Type Surface Mount Surface Mount Surface Mount Surface Mount Surface Mount Series - - - Automotive, AEC-Q100 Number of Circuits 1 2 1 2 Supplier Device Package SOT-23-5 8-MinISO SOT-23-5 8-MinISO Current - Input Bias 1 pA 1 pA 10 pA 10 pA 10 pA Current - Output / Channel 71 mA 92 mA 74 mA 74 mA 74 mA Package / Case SC-74A, SOT-753 8-TSSOP, 8-MSOP (0.118*, 3.00mm Width) SC-74A, SOT-753 8-TSSOP, 8-MSOP (0.118*, 3.00mm Width) Voltage - Supply Span (Min) 2.7 V 3.3 V 4 V 4 V Operating Temperature -40°C ~ 125°C -40°C ~ 125°C -40°C ~ 125°C -40°C ~ 125°C Voltage - Supply Span (Max) 16 V 16 V 16 V 16 V 16 V	Output Type	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail	Rail-to-Rail
Series - - Automotive, AEC-Q100 Number of Circuits 1 2 1 2 Supplier Device Package SOT-23-5 8-MiniSO SOT-23-5 8-MiniSO Current - Input Blas 1 pA 1 pA 10 pA 10 pA 10 pA Current - Output / Channel 71 mA 92 mA 74 mA 74 mA 74 mA Package / Case SC-74A, SOT-753 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) SC-74A, SOT-753 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Voltage - Supply Span (Min) 2.7 V 3.3 V 4 V 4 V 4 V Voltage - Supply Span (Max) 16 V 16 V 16 V 16 V	Base Product Number	TSX711	TSX632	TSX921	TSX922
Number of Circuits 1 2 Supplier Device Package SOT-23-5 8-MinISO SOT-23-5 8-MinISO Current - Input Bias 1 pA 1 pA 10 pA 10 pA 10 pA Current - Output / Channel 71 mA 92 mA 74 mA 74 mA 74 mA 74 mA Package / Case SC-74A, SOT-753 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) SC-74A, SOT-753 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Voltage - Supply Span (Min) 2.7 V 3.3 V 4V 4V Voltage - Supply Span (Max) 16 V 16 V 16 V 16 V	Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package SOT-23-5 8-MiniSO SOT-23-5 8-MiniSO Current - Input Bias 1 pA 1 pA 1 pA 10 pA 10 pA 74 mA 74 mA Package / Case SC-74A, SOT-753 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) SC-74A, SOT-753 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Voltage - Supply Span (Min) 2.7 V 3.3 V 4 V 4 V 4 V Operating Temperature -40°C ~ 125°C Voltage - Supply Span (Max) 16 V 16 V 16 V 16 V	Series	-	-	-	Automotive, AEC-Q100
Current - Input Bias 1 pA 1 pA 10 pA 10 pA 10 pA Current - Output / Channel 71 mA 92 mA 74 mA 74 mA 74 mA Package / Case SC-74A, SOT-753 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) SC-74A, SOT-753 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Voltage - Supply Span (Min) 2.7 V 3.3 V 4V 4V 4V Operating Temperature -40°C ~ 125°C Voltage - Supply Span (Max) 16 V 16 V 16 V	Number of Circuits	1	2	1	2
Current - Output / Channel 71 mA 92 mA 74 mA 74 mA 74 mA Package / Case SC-74A, SOT-753 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) SC-74A, SOT-753 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Voltage - Supply Span (Min) 2.7 V 3.3 V 4 V 4 V Operating Temperature -40°C ~ 125°C -40°C ~ 125°C -40°C ~ 125°C Voltage - Supply Span (Max) 16 V 16 V 16 V	Supplier Device Package	SOT-23-5	8-MiniSO	SOT-23-5	8-MiniSO
Package / Case SC-74A, SOT-753 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) SC-74A, SOT-753 8-TSSOP, 8-MSOP (0.118", 3.00mm Width) Voltage - Supply Span (Min) 2.7 V 3.3 V 4 V 4 V 4 V Operating Temperature -40°C ~ 125°C -40°C ~ 125°C -40°C ~ 125°C -40°C ~ 125°C Voltage - Supply Span (Max) 16 V 16 V 16 V	Current - Input Bias	1 pA	1 pA	10 pA	10 pA
Voltage - Supply Span (Min) 2.7 V 3.3 V 4 V 4 V 4 V Operating Temperature -40°C ~ 125°C -40°C ~ 125°C -40°C ~ 125°C -40°C ~ 125°C Voltage - Supply Span (Max) 16 V 16 V 16 V 16 V	Current - Output / Channel	71 mA	92 mA	74 mA	74 mA
Operating Temperature -40°C ~ 125°C -40°C ~ 125°C -40°C ~ 125°C -40°C ~ 125°C Voltage - Supply Span (Max) 16 V 16 V 16 V 16 V	Package / Case	SC-74A, SOT-753	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	SC-74A, SOT-753	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Voltage - Supply Span (Max) 16 V 16 V <t< td=""><td>Voltage - Supply Span (Min)</td><td>2.7 V</td><td>3.3 V</td><td>4 V</td><td>4 V</td></t<>	Voltage - Supply Span (Min)	2.7 V	3.3 V	4 V	4 V
	Operating Temperature	-40°C ~ 125°C	-40°C ∼ 125°C	-40°C ∼ 125°C	-40°C ∼ 125°C
Package Tape & Reel (TR) Tape & Reel (TR) Tape & Reel (TR)	Voltage - Supply Span (Max)	16 V	16 V	16 V	16 V
	Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)

TSX711ILT Datasheet PDF

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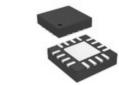
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Shipment

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













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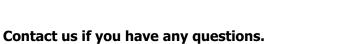


Management















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