



Image may be representation.
See specifications for product details.



TS507IYLT

Manufacturer Part Number	TS507IYLT
Manufacturer	STMicroelectronics
Allelco Part Number	32D-TS507IYLT
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC OPAMP GP 1 CIRCUIT SOT23-5
Package	SC-74A, SOT-753
Data sheet	TS507.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

TS507IYLT - STMicroelectronics.New Original in Stock. Download Linear Technology TS507IYLT datasheet/specifications on AllelcoElec.com.
Request a quote for TS507IYLT, please send us email: info@allelco.com

Specifications

TS507IYLT Tech Specifications
TS507IYLT - 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)	5.5 V	Mounting Type	Surface Mount
Voltage - Input Offset	25 µV	Gain Bandwidth Product	1.9 MHz
Supplier Device Package	SOT-23-5	Current - Supply	850µA
Slew Rate	0.6V/µs	Current - Output / Channel	128 mA
Series	Automotive, AEC-Q100	Current - Input Bias	8 nA
Package / Case	SC-74A, SOT-753	Base Product Number	TS507
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 TS507IYLT

Product Attribute				
Part Number	TS507IYLT	TS512AIYDT	TS507IDT	TS507CLT
Manufacturer	STMicroelectronics	STMicroelectronics	STMicroelectronics	STMicroelectronics
Voltage - Supply Span (Min)	2.7 V	3 V	2.7 V	2.7 V
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	SOT-23-5	8-SOIC	8-SOIC	SOT-23-5
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Input Offset	25 µV	500 µV	25 µV	25 µV
Base Product Number	TS507	TS512	TS507	TS507
Slew Rate	0.6V/µs	1.5V/µs	0.6V/µs	0.6V/µs
Voltage - Supply Span (Max)	5.5 V	30 V	5.5 V	5.5 V
Output Type	Rail-to-Rail	-	Rail-to-Rail	Rail-to-Rail
Current - Output / Channel	128 mA	23 mA	128 mA	128 mA
Amplifier Type	General Purpose	General Purpose	General Purpose	General Purpose
Current - Supply	850µA	500µA (x2 Channels)	850µA	850µA
Gain Bandwidth Product	1.9 MHz	3 MHz	1.9 MHz	1.9 MHz
Current - Input Bias	8 nA	50 nA	8 nA	8 nA
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	0°C ~ 85°C
Package / Case	SC-74A, SOT-753	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	SC-74A, SOT-753
Number of Circuits	1	2	1	1

TS507IYLT Datasheet PDF

Download TS507IYLT pdf datasheets and STMicroelectronics documentation for TS507IYLT - STMicroelectronics.

Datasheets

[TS507.pdf](#)

PCN Packaging



















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

PCN Assembly/Origin

[New Lead-Frame 01/Sep/2020.pdf](#)

Customers Also Interested in

Recommended Products

					
TS51221-M050QFNR Semtech Corporation IC REG WIRELESS PWR RCVR	TS512AIYDT STMicroelectronics IC OPAMP GP 2 CIRCUIT 8SOIC	TS5071DT STMicroelectronics IC OPAMP GP 1 CIRCUIT 8SOIC	TS507CLT STMicroelectronics IC OPAMP GP 1 CIRCUIT SOT23-5	TS5121D STMicroelectronics IC OPAMP GP 2 CIRCUIT 8SOIC	TS5121AIN STMicroelectronics IC OPAMP GP 2 CIRCUIT 8MINI DIP
					
TS507DT STMicroelectronics	TS51111-M22WCSR-13 TRIUNE	TS51223-M000WCSR Semtech Corporation IC RCVR CTRL WIRELESS 20-WLCSP	TS507ILT STMicroelectronics IC OPAMP GP 1 CIRCUIT SOT23-5	TS51231-QFNR Semtech Corporation IC TRANSMITTER DVR WIRELESS 16QFN	TS50P07G Taiwan Semiconductor Corporation BRIDGE RECT 1PHASE 1KV 50A TS-6P
					
TS5070 STMicroelectronics	TS51111-M22WCSR Semtech Corporation IC REG WIRELESS CHARGING 45WCSP	TS507CDT STMicroelectronics IC OPAMP GP 1 CIRCUIT 8SOIC	TS512AIDT STMicroelectronics IC OPAMP GP 2 CIRCUIT 8SOIC	TS5070FN STMicroelectronics	TS512AID STMicroelectronics IC OPAMP GP 2 CIRCUIT 8SOIC

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

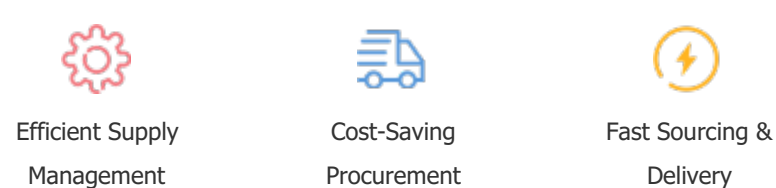
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

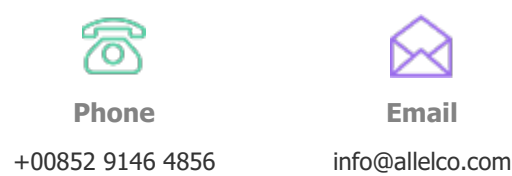
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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