



Image may be representation.
See specifications for product details.



TS431BILT

Manufacturer Part Number	TS431BILT
Manufacturer	STMicroelectronics
Allelco Part Number	32D-TS431BILT
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC VREF SHUNT ADJ 0.5% SOT23-5
Package	SC-74A, SOT-753
Data sheet	TS431.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

TS431BILT - STMicroelectronics.New Original in Stock. Download Linear Technology TS431BILT datasheet/specifications on AllelcoElec.com.
Request a quote for TS431BILT, please send us email: info@allelco.com

Specifications

TS431BILT Tech Specifications

TS431BILT - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package	Tape & Reel (TR)
Voltage - Output (Min/Fixed)	1.24V	Output Type	Adjustable
Voltage - Output (Max)	6 V	Operating Temperature	-40°C ~ 125°C (TA)
Voltage - Input	-	Noise - 10Hz to 10kHz	-
Tolerance	±0.5%	Noise - 0.1Hz to 10Hz	-
Temperature Coefficient	100ppm/°C	Mounting Type	Surface Mount
Supplier Device Package	SOT-23-5	Current - Supply	-
Series	-	Current - Output	30 mA
Reference Type	Shunt	Current - Cathode	60 µA
Package / Case	SC-74A, SOT-753	Base Product Number	TS431

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics TS431BILT

Product Attribute				
Part Number	TS431BILT	TS431ARIX-Z RFG	TS431BCX	TS431AIZT
Manufacturer	STMicroelectronics	Taiwan Semiconductor Corporation	Taiwan Semiconductor Corporation	STMicroelectronics
Package / Case	SC-74A, SOT-753	TO-236-3, SC-59, SOT-23-3	TO-236-3, SC-59, SOT-23-3	TO-226-3, TO-92-3 (TO-226AA) Formed Leads
Current - Supply	-	-	-	-
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Base Product Number	TS431	TS431	-	TS431
Reference Type	Shunt	Shunt	Shunt	Shunt
Current - Cathode	60 µA	500 µA	600 µA	60 µA
Voltage - Output (Max)	6 V	36 V	36 V	6 V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Output Type	Adjustable	Programmable	Programmable	Adjustable
Operating Temperature	-40°C ~ 125°C (TA)	-40°C ~ 125°C	0°C ~ 70°C	-40°C ~ 125°C (TA)
Current - Output	30 mA	120 mA	100 mA	30 mA
Voltage - Output (Min/Fixed)	1.24V	2.495V	2.495V	1.24V
Supplier Device Package	SOT-23-5	SOT-23	SOT-23	TO-92-3
Tolerance	±0.5%	±1%	±0.5%	±1%
Temperature Coefficient	100ppm/°C	-	50ppm/°C	100ppm/°C
Voltage - Input	-	-	36V	-
Noise - 0.1Hz to 10Hz	-	-	-	-
Series	-	-	-	-
Noise - 10Hz to 10kHz	-	-	-	-

TS431BILT Datasheet PDF

Download TS431BILT pdf datasheets and STMicroelectronics documentation for TS431BILT - STMicroelectronics.

HTML Datasheet



Customers Also Interested in

Recommended Products



TS431CS RL

Taiwan Semiconductor

TS431ARIX-Z RFG

Taiwan Semiconductor Corporation
IC VREF SHUNT 36V 1% SOT23

TS431CY

TS

TS431BCX

Taiwan Semiconductor Corporation
2.495 SHUNT VOLTAGE REGULATOR

TS431CS

Taiwan Semiconductor

TS431AILT-E

STMicroelectronics



TS431I

STMicroelectronics

TS431BCSRL

Taiwan Semiconductor

TS431AIZT

STMicroelectronics
IC VREF SHUNT ADJ 1% TO92-3

TS431IYLT

STMicroelectronics
IC VREF SHUNT ADJ 2% SOT23-5

TS431AIZ

STMicroelectronics
IC VREF SHUNT ADJ TO92-3

TS431BIZ

STMicroelectronics
IC VREF SHUNT ADJ 0.5% TO92-3



TS431AIYLT

STMicroelectronics
IC VREF SHUNT ADJ 1% SOT23-5

TS431BCTB0

Taiwan Semiconductor

TS431AILT

STMicroelectronics
IC VREF SHUNT ADJ 1% SOT23-5

TS431BCT

Taiwan Semiconductor

TS431ILT

STMicroelectronics
IC VREF SHUNT ADJ 2% SOT23-5

TS431BIYLT

STMicroelectronics
IC VREF SHUNT ADJ 0.5% 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 Alleco 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.



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Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



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Certifications & Memberships



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