



Image may be representation.
See specifications for product details.



TL1431ID

Manufacturer Part Number	TL1431ID
Manufacturer	STMicroelectronics
Allelco Part Number	32D-TL1431ID
ECAD Model	Request Free CAD Models
Parts Description	IC VREF SHUNT ADJ 0.4% 8SO
Package	8-SOIC (0.154', 3.90mm Width)
Data sheet	TL1431.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

TL1431ID - STMicroelectronics.New Original in Stock. Download Linear Technology TL1431ID datasheet/specifications on AllelcoElec.com.
Request a quote for TL1431ID, please send us email: info@allelco.com

Specifications

TL1431ID Tech Specifications

TL1431ID - STMicroelectronics technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	STMicroelectronics	Package	Tube
Voltage - Output (Min/Fixed)	2.5V	Output Type	Adjustable
Voltage - Output (Max)	36 V	Operating Temperature	-40°C ~ 105°C (TA)
Voltage - Input	-	Noise - 10Hz to 10kHz	-
Tolerance	±0.4%	Noise - 0.1Hz to 10Hz	-
Temperature Coefficient	100ppm/°C	Mounting Type	Surface Mount
Supplier Device Package	8-SOIC	Current - Supply	-
Series	-	Current - Output	100 mA
Reference Type	Shunt	Current - Cathode	1 mA
Package / Case	8-SOIC (0.154', 3.90mm Width)	Base Product Number	TL1431

Parts with Similar Specifications

The three parts on the right have similar specifications to STMicroelectronics TL1431ID

Product Attribute				
Part Number	TL1431ID	TL1431CPWR	TL1431MJGB	TL1431IZ
Manufacturer	STMicroelectronics	Texas Instruments	Texas Instruments	STMicroelectronics
Tolerance	±0.4%	±0.4%	-	±0.4%
Temperature Coefficient	100ppm/°C	-	-	100ppm/°C
Mounting Type	Surface Mount	Surface Mount	-	Through Hole
Current - Cathode	1 mA	1 mA	-	1 mA
Voltage - Output (Max)	36 V	36 V	-	36 V
Reference Type	Shunt	Shunt	-	Shunt
Noise - 10Hz to 10kHz	-	-	-	-
Voltage - Output (Min/Fixed)	2.5V	2.5V	-	2.5V
Series	-	-	*	-
Base Product Number	TL1431	TL1431	TL1431	TL1431
Current - Output	100 mA	100 mA	-	100 mA
Noise - 0.1Hz to 10Hz	-	-	-	-
Current - Supply	-	-	-	-
Package	Tube	Tape & Reel (TR)	Bulk	Bulk
Voltage - Input	-	-	-	-
Operating Temperature	-40°C ~ 105°C (TA)	0°C ~ 70°C (TA)	-	-40°C ~ 105°C (TA)
Output Type	Adjustable	Adjustable	-	Adjustable
Supplier Device Package	8-SOIC	8-TSSOP	-	TO-92-3
Package / Case	8-SOIC (0.154', 3.90mm Width)	8-TSSOP (0.173", 4.40mm Width)	-	TO-226-2, TO-92-2 (TO-226AC)

TL1431ID Datasheet PDF

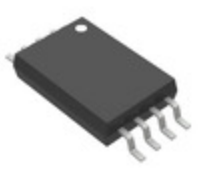
Download TL1431ID pdf datasheets and STMicroelectronics documentation for TL1431ID - STMicroelectronics.

HTML Datasheet



Customers Also Interested in

Recommended Products

**TL1431CPWR**Texas Instruments
IC VREF SHUNT ADJ 0.4% 8TSSOP**TL1431MJGB**Texas Instruments
TL1431M PRECISION ADJUSTABLE (PR)**TL1431IZ**STMicroelectronics
IC VREF SHUNT ADJ 0.4% TO92-3**TL1431CLPRE3**Texas Instruments
IC VREF SHUNT ADJ 0.4% TO92-3**TL1431CLPR**Texas Instruments
IC VREF SHUNT ADJ 0.4% TO92-3**TL1431CZ-AP**STMicroelectronics
IC VREF SHUNT ADJ 0.4% TO92-3**TL1431IDT**STMicroelectronics
IC VREF SHUNT ADJ 0.4% 8SO**TL1431CPWRG4**Texas Instruments
IC VREF SHUNT ADJ 0.4% 8TSSOP**TL1431MFK**

Texas Instruments

**TL1431MDREP**Texas Instruments
IC VREF SHUNT ADJ 0.4% 8SOIC**TL1431I**

STMicroelectronics

**TL1431CLPR5**

Texas Instruments

**TL1431MFKB**

Texas Instruments

**TL1431CPK****TL1431CLP**Texas Instruments
IC VREF SHUNT ADJ 0.4% TO92-3**TL1431IYDT**STMicroelectronics
IC VREF SHUNT ADJ 0.4% 8SO**TL1431CZT**STMicroelectronics
IC VREF SHUNT ADJ 0.4% TO92-3**TL1431IZT**STMicroelectronics
IC VREF SHUNT ADJ 0.4% TO92-3

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.



Your Faithful Supply Chain Partner -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



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Certifications & Memberships



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