



Image may be representation.
See specifications for product details.



DS3501U+

Manufacturer Part Number	DS3501U+
Manufacturer	Maxim Integrated
Allelco Part Number	32D-DS3501U+
ECAD Model	Request Free CAD Models
Parts Description	IC DGTL POT 10KOHM 128TAP 10UMAX
Package	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)
Data sheet	DS3501.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

DS3501U+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology DS3501U+ datasheet/specifications on AllelcoElec.com.
Request a quote for DS3501U+, please send us email: info@allelco.com

Specifications

DS3501U+ Tech Specifications
DS3501U+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Package	Tube
Voltage - Supply	2.7V ~ 5.5V, 4.5V ~ 15.5V	Operating Temperature	-40°C ~ 100°C
Tolerance	±20%	Number of Taps	128
Temperature Coefficient (Typ)	±4ppm/°C	Number of Circuits	1
Taper	Linear	Mounting Type	Surface Mount
Supplier Device Package	10-uMAX/uSOP	Memory Type	Non-Volatile
Series	-	Interface	I ² C
Resistance - Wiper (Ohms) (Typ)	5000 (Max)	Features	Selectable Address, Zero-Cross Sense
Resistance (Ohms)	10k	Configuration	Potentiometer
Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	Base Product Number	DS3501

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated DS3501U+

Product Attribute				
Part Number	DS3501U+	DS3501U+T&R	DS3502U+	DS3502U+T&R
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Voltage - Supply	2.7V ~ 5.5V, 4.5V ~ 15.5V	2.7V ~ 5.5V, 4.5V ~ 15.5V	2.5V ~ 5.5V, 4.5V ~ 15.5V	2.5V ~ 5.5V, 4.5V ~ 15.5V
Temperature Coefficient (Typ)	±4ppm/°C	±4ppm/°C	±4ppm/°C	±4ppm/°C
Interface	I ² C	I ² C	I ² C	I ² C
Operating Temperature	-40°C ~ 100°C	-40°C ~ 100°C	-40°C ~ 100°C	-40°C ~ 100°C
Resistance - Wiper (Ohms) (Typ)	5000 (Max)	5000 (Max)	5000	5000
Base Product Number	DS3501	DS3501	DS3502	DS3502
Resistance (Ohms)	10k	10k	10k	10k
Tolerance	±20%	±20%	±20%	±20%
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Taps	128	128	128	128
Taper	Linear	Linear	Linear	Linear
Supplier Device Package	10-uMAX/uSOP	10-uMAX/uSOP	10-uMAX/uSOP	10-uMAX/uSOP
Configuration	Potentiometer	Potentiometer	Potentiometer	Potentiometer
Features	Selectable Address, Zero-Cross Sense	Selectable Address	Selectable Address	Selectable Address
Package	Tube	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Number of Circuits	1	1	1	1
Series	-	-	-	-
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Package / Case	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)	10-TFSOP, 10-MSOP (0.118", 3.00mm Width)

DS3501U+ Datasheet PDF

Download DS3501U+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for DS3501U+ - Analog Devices Inc./Maxim Integrated.

Datasheets

[DS3501.pdf](#)

Environmental Information



















[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

[Material Declaration DS3501U+.pdf](#)

Customers Also Interested in

Recommended Products

 NO PICTURE					
DS3502U+T DALLAS	DS3501U+T&R Analog Devices Inc./Maxim Integrated IC DGTL POT 10KOHM 128TAP 10UMAX	DS35-16A IXYS / Littelfuse IGBT Module	DS3502U+ Analog Devices Inc./Maxim Integrated IC DGTL POT 10KOHM 128TAP 10UMAX	DS35-08A IXYS DIODE GEN PURP 800V 49A DO203AB	DS35-06A IXYS / Littelfuse IGBT Module
					
DS35-02A IXYS / Littelfuse IGBT Module	DS3501U Analog Devices / Maxim Integrated	DS3501U+T&R Analog Devices / Maxim Integrated	DS3501U+TR Analog Devices / Maxim Integrated	DS35-12A IXYS DIODE GEN PURP 1.2KV 49A DO203AB	DS3502U+T&R Analog Devices / Maxim Integrated
					
DS3502U+T&R Analog Devices Inc./Maxim Integrated IC DGTL POT 10KOHM 128TAP 10UMAX	DS3502U+T&R/C Analog Devices / Maxim Integrated	DS35-18A IXYS / Littelfuse IGBT Module	DS3502U+TR/C Analog Devices / Maxim Integrated	DS35-14A IXYS / Littelfuse IGBT Module	DS3502U+TR Analog Devices / Maxim Integrated

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 -

 Efficient Supply Management
 Cost-Saving Procurement
 Fast Sourcing & Delivery

Contact us if you have any questions.

 Phone
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 Email
info@allelco.com

Certifications & Memberships



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