



Image may be representation.
See specifications for product details.



DS1809Z-010+

Manufacturer Part Number	DS1809Z-010+
Manufacturer	Maxim Integrated
Allelco Part Number	32D-DS1809Z-010+
ECAD Model	Request Free CAD Models
Parts Description	IC DGTL POT 10KOHM 64TAP 8SOIC
Package	8-SOIC (0.154', 3.90mm Width)
Data sheet	DS1809.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

DS1809Z-010+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology DS1809Z-010+ datasheet/specifications on AllelcoElec.com. Request a quote for DS1809Z-010+, please send us email: info@allelco.com

Specifications

DS1809Z-010+ Tech Specifications
DS1809Z-010+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Package	Tube
Voltage - Supply	5V	Operating Temperature	-40°C ~ 85°C
Tolerance	±20%	Number of Taps	64
Temperature Coefficient (Typ)	750ppm/°C	Number of Circuits	1
Taper	Linear	Mounting Type	Surface Mount
Supplier Device Package	8-SOIC	Memory Type	Non-Volatile
Series	Dallastat™	Interface	Pushbutton
Resistance - Wiper (Ohms) (Typ)	400 (Max)	Features	-
Resistance (Ohms)	10k	Configuration	Potentiometer
Package / Case	8-SOIC (0.154', 3.90mm Width)	Base Product Number	DS1809

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated DS1809Z-010+

Product Attribute				
Part Number	DS1809Z-010+	DS1807S/T&R	DS1806E-100	DS1806S-010+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Series	Dallastat™	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Number of Taps	64	65	64	64
Configuration	Potentiometer	Potentiometer	Potentiometer	Potentiometer
Base Product Number	DS1809	DS1807	DS1806	DS1806
Resistance - Wiper (Ohms) (Typ)	400 (Max)	400	400	400
Memory Type	Non-Volatile	Volatile	Volatile	Volatile
Interface	Pushbutton	I ² C	Serial	Serial
Package / Case	8-SOIC (0.154', 3.90mm Width)	16-SOIC (0.295', 7.50mm Width)	20-TSSOP (0.173", 4.40mm Width)	20-SOIC (0.295', 7.50mm Width)
Resistance (Ohms)	10k	45k	100k	10k
Tolerance	±20%	±20%	±20%	±20%
Taper	Linear	Logarithmic	Linear	Linear
Voltage - Supply	5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Number of Circuits	1	2	6	6
Package	Tube	Tape & Reel (TR)	Tube	Tube
Supplier Device Package	8-SOIC	16-SOIC	20-TSSOP	20-SOIC
Temperature Coefficient (Typ)	750ppm/°C	750ppm/°C	750ppm/°C	750ppm/°C
Features	-	Mute, Selectable Address, Zero-Cross Sense	Cascade Pin	Cascade Pin

DS1809Z-010+ Datasheet PDF

Download DS1809Z-010+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for DS1809Z-010+ - Analog Devices Inc./Maxim Integrated.

Datasheets

[DS1809.pdf](#)

Environmental Information

[Maxim Integrated RoHS Cert.pdf](#)

[Material Declaration DS1809Z-010+.pdf](#)

Application Notes



Reduce the Chances of Human Error: Part 1, Power a.pdf





















How to Increase the Bandwidth of Digital Potentiometer.pdf



Where Is Ground?.pdf

Customers Also Interested in

Recommended Products

 DS1810-5+ Analog Devices Inc./Maxim Integrated IC SUPERVISOR 1 CHANNEL TO92-3	 DS1807S/T&R Analog Devices Inc./Maxim Integrated IC DGTL POT 45KOHM 65TAP 16SOIC	 DS1807E+T Analog Devices / Maxim Integrated	 DS1810-10 Analog Devices Inc./Maxim Integrated IC SUPERVISOR 1 CHANNEL TO92-3	 DS1806E-100 Analog Devices Inc./Maxim Integrated IC DGT POT 100KOHM 64TAP 20TSSOP	 DS1809Z-010+T&R Analog Devices / Maxim Integrated
 DS1806S-010+ Analog Devices Inc./Maxim Integrated IC DGTL POT 10KOHM 64TAP 20SOIC	 DS1809U-100+T Analog Devices / Maxim Integrated	 DS1806A1 Analog Devices / Maxim Integrated	 DS1807S Analog Devices Inc./Maxim Integrated IC DGTL POT 45KOHM 65TAP 16SOIC	 DS1810 DALLS	 DS1810R-10+TR Analog Devices / Maxim Integrated
 DS1810R-10-U+ Analog Devices Inc./Maxim Integrated DS1810R-10-U+	 DS1809X DALLS	 DS1810-10+ Analog Devices Inc./Maxim Integrated IC SUPERVISOR 1 CHANNEL TO92-3	 DS1810R-10+T&R Analog Devices Inc./Maxim Integrated IC SUPERVISOR 1 CHANNEL SOT23-3	 DS1807E Analog Devices Inc./Maxim Integrated IC DGTL POT 45KOHM 65TAP 14TSSOP	 DS1810R-10/TR DALLS

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

+00852 9146 4856



Email

info@allelco.com

Certifications & Memberships



[View More](#)