



Image may be representation.
See specifications for product details.



DS1023S-100

Manufacturer Part Number	DS1023S-100
Manufacturer	Maxim Integrated
Allelco Part Number	32D-DS1023S-100
ECAD Model	Request Free CAD Models
Parts Description	IC DEL LINE 256TAP 255NS 16SOIC
Package	16-SOIC (0.295", 7.50mm Width)
Data sheet	Cylindrical Battery Holders.pdf

Get a Quote

DS1023S-100 - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology DS1023S-100 datasheet/specifications on AllelcoElec.com.
Request a quote for DS1023S-100, please send us email: info@allelco.com

Specifications

DS1023S-100 Tech Specifications
DS1023S-100 - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Number of Taps/Steps	256
Voltage - Supply	4.75V ~ 5.25V	Number of Independent Delays	1
Tap Increment	1 ns	Mounting Type	Surface Mount
Supplier Device Package	16-SOIC	Function	1-Shot, Programmable
Series	-	Delay to 1st Tap	16.5ns
Package / Case	16-SOIC (0.295", 7.50mm Width)	Base Product Number	DS1023
Package	Tube	Available Total Delays	255ns
Operating Temperature	0°C ~ 70°C		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated DS1023S-100

Product Attribute				
Part Number	DS1023S-100	DS1023S-200+	DS1021S-50+	DS1023-500
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Number of Taps/Steps	256	256	256	256
Operating Temperature	0°C ~ 70°C	0°C ~ 70°C	0°C ~ 70°C	0°C ~ 70°C (TA)
Available Total Delays	255ns	510ns	137.5ns	1.275µs
Base Product Number	DS1023	DS1023	DS1021	-
Package	Tube	Tube	Tube	Bulk
Series	-	-	-	-
Function	1-Shot, Programmable	1-Shot, Programmable	Programmable	1-Shot, Programmable
Tap Increment	1 ns	2 ns	500 ps	5 ns
Supplier Device Package	16-SOIC	16-SOIC	16-SOIC	16-PDIP
Package / Case	16-SOIC (0.295", 7.50mm Width)	16-SOIC (0.295", 7.50mm Width)	16-SOIC (0.295", 7.50mm Width)	16-DIP (0.300", 7.62mm)
Delay to 1st Tap	16.5ns	16.5ns	10ns	16.5ns
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Number of Independent Delays	1	1	1	1
Voltage - Supply	4.75V ~ 5.25V	4.75V ~ 5.25V	4.75V ~ 5.25V	4.75V ~ 5.25V

DS1023S-100 Datasheet PDF

Download DS1023S-100 pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for DS1023S-100 - Analog Devices Inc./Maxim Integrated.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

Customers Also Interested in

Recommended Products

DS1023S-200+	DS1021S-50+	DS1023-25	DS1023	DS1021S-25+TR	DS1023-500
Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices / Maxim Integrated	DS	Analog Devices / Maxim Integrated	Analog Devices Inc./Maxim Integrated
IC DELAY LN 256TAP 510NS 16SOIC	IC DEL LN 256TAP 137.5NS 16SOIC				DS1023 8-BIT PROGRAMMABLE TIMING

**DS1021S-50**

Analog Devices Inc./Maxim Integrated
IC DEL LN 256TAP 137.5NS 16SOIC

**DS1021S-25**

Analog Devices Inc./Maxim Integrated
IC DEL LN 256TAP 73.75NS 16SOIC

**DS1021S-25+**

Analog Devices Inc./Maxim Integrated
IC DEL LN 256TAP 73.75NS 16SOIC

**DS1023S-500+T**

Analog Devices / Maxim Integrated

**DS1023S-25**

Analog Devices Inc./Maxim Integrated
IC DEL LN 256TAP 63.75NS 16SOIC

**DS1021S-25+T**

Analog Devices / Maxim Integrated

**DS1023S-50+T**

Analog Devices Inc./Maxim Integrated
IC DEL LN 256TAP 127.5NS 16SOIC

**DS1023-100**

Analog Devices Inc./Maxim Integrated
DS1023 8-BIT PROGRAMMABLE TIMING

**DS1023S-50+**

Analog Devices Inc./Maxim Integrated
IC DEL LN 256TAP 127.5NS 16SOIC

**DS1023S-25+T**

Analog Devices Inc./Maxim Integrated
IC DEL LN 256TAP 63.75NS 16SOIC

**DS1023S-200**

Analog Devices Inc./Maxim Integrated
IC DEL LINE 256TAP 510NS 16SOIC

**DS1023S-25+**

Analog Devices Inc./Maxim Integrated
IC DEL LN 256TAP 63.75NS 16SOIC

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

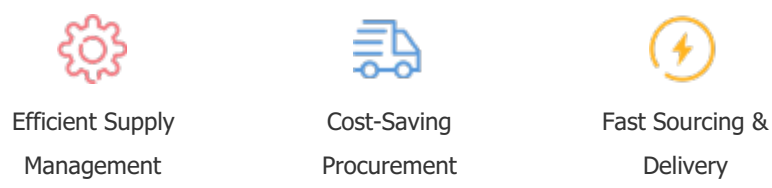
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

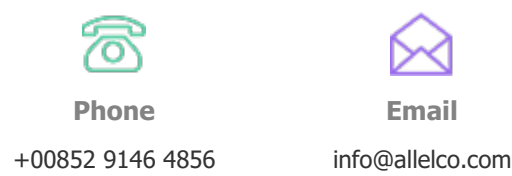
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



[View More](#)



Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong

Phone: +00852 9146 4856

Fax: +00852 3010 8510

Email: info@allelco.com

Copyright © 2012-2023 AllelcoElec.com. All rights reserved.