



Image may be representation.  
See specifications for product details.



## DS28E01P-100+T

Manufacturer Part Number **DS28E01P-100+T**

Manufacturer **Maxim Integrated**

Allelco Part Number **32D-DS28E01P-100+T**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC EEPROM 1KBIT 1-WIRE 6TSOC**

Package **6-SMD, J-Lead**

Data sheet [Cylindrical Battery Holders.pdf](#)

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RoHs Status **ROHS3 Compliant**

**Get a Quote**

DS28E01P-100+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology DS28E01P-100+T datasheet/specifications on AllelcoElec.com.

Request a quote for DS28E01P-100+T, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

DS28E01P-100+T Tech Specifications

DS28E01P-100+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Mounting Type	Surface Mount
Write Cycle Time - Word, Page	-	Memory Type	Non-Volatile
Voltage - Supply	2.85V ~ 5.25V	Memory Size	1Kbit
Technology	EEPROM	Memory Organization	256 x 4
Supplier Device Package	6-TSOC	Memory Interface	1-Wire®
Series	-	Memory Format	EEPROM
Package / Case	6-SMD, J-Lead	Base Product Number	DS28E01
Package	Tape & Reel (TR)	Access Time	2 µs
Operating Temperature	-40°C ~ 85°C (TA)		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated DS28E01P-100+T

Product Attribute				
Part Number	DS28E01P-100+T	DS28E01P-W18+1T	DS28E02Q-W01+4T	DS28E01G-033-1A+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Memory Size	1Kbit	1Kbit	1Kbit	1Kbit
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	6-SMD, J-Lead	6-SMD, J-Lead	6-WDFN Exposed Pad	2-SFN
Write Cycle Time - Word, Page	-	10ms	25ms	-
Access Time	2 µs	-	2 µs	2 µs
Supplier Device Package	6-TSOC	6-TSOC	6-TDFN (3x3)	2-SFN (6x6)
Series	-	-	-	-
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-20°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Memory Interface	1-Wire®	1-Wire®	1-Wire®	1-Wire®
Base Product Number	DS28E01	DS28E01	DS28E02	DS28E01
Voltage - Supply	2.85V ~ 5.25V	2.8V ~ 5.25V	1.75V ~ 3.65V	2.85V ~ 5.25V
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Memory Organization	256 x 4	256 x 4	256 x 4	256 x 4
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile

## DS28E01P-100+T Datasheet PDF

Download DS28E01P-100+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for DS28E01P-100+T - Analog Devices Inc./Maxim Integrated.

### Datasheets

[Cylindrical Battery Holders.pdf](#)

### Environmental Information

[Maxim Integrated RoHS Cert.pdf](#)

[Red Phosphorous Certificate.pdf](#)

[Material Declaration DS28E01P-100+T.pdf](#)

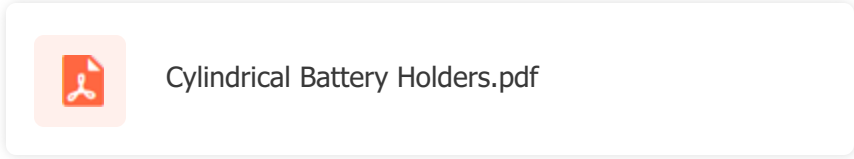
### Application Notes

[How to Build a 1-Wire® Evaluation Kit.pdf](#)

[How to Power the Extended Features of 1-Wire® Dev.pdf](#)

[Protect Your FPGA Against Piracy: Cost-Effective A.pdf](#)

[Xilinx® FPGA IFF Copy Protection with 1-Wire®.pdf](#)



Customers Also Interested in

Recommended Products

 <b>DS28E01P-W18+1T</b> Analog Devices Inc./Maxim Integrated IC EEPROM 1KBIT 1-WIRE 6TSOC	 <b>DS28E01G-100+T&amp;R</b> Analog Devices / Maxim Integrated	 <b>DS28E02Q-W01+4T</b> Analog Devices Inc./Maxim Integrated IC EEPROM 1KBIT 1-WIRE 6TDFN	 <b>DS28E01G-033-1A+T</b> Analog Devices Inc./Maxim Integrated IC EEPROM 1KBIT 1-WIRE 2SFN	 <b>DS28E01P</b> Analog Devices / Maxim Integrated	 <b>DS28E01P-100 T</b> Analog Devices / Maxim Integrated
 <b>DS28E02P+T/R</b> Analog Devices / Maxim Integrated	 <b>DS28E02P+TR</b> Analog Devices / Maxim Integrated	 <b>DS28E02</b> Analog Devices / Maxim Integrated	 <b>DS28E01G-100+T&amp;R</b> Analog Devices Inc./Maxim Integrated IC EEPROM 1KBIT 1-WIRE 2SFN	 <b>DS28E01P-100</b> MAX USA CORP.	 <b>DS28E02Q-W01+3T</b> Analog Devices Inc./Maxim Integrated IC EEPROM 1KBIT 1-WIRE 6TDFN
 <b>DS28E01G-100+TR</b> Analog Devices / Maxim Integrated	 <b>DS28E02Q-W01+2T</b> Analog Devices Inc./Maxim Integrated IC EEPROM 1KBIT 1-WIRE 6TDFN	 <b>DS28E02+</b> Analog Devices / Maxim Integrated	 <b>DS28E01-100</b> Analog Devices / Maxim Integrated	 <b>DS28E01-100+</b> Analog Devices Inc./Maxim Integrated IC EEPROM 1KBIT 1-WIRE T092-3	 <b>DS28E01P-100+</b> Analog Devices Inc./Maxim Integrated IC EEPROM 1KBIT 1-WIRE 6TSOC

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.

<p style="text-align: center;"><b>Payment Support</b></p> <p>The payment method can be chosen from the methods shown below: Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.</p> <div style="display: flex; justify-content: space-around;"> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> </div>	<p style="text-align: center;"><b>Your Faithful Supply Chain Partner -</b></p> <div style="display: flex; justify-content: space-around; text-align: center;"> <div> <p>Efficient Supply Management</p> </div> <div> <p>Cost-Saving Procurement</p> </div> <div> <p>Fast Sourcing &amp; Delivery</p> </div> </div> <p style="text-align: center; margin-top: 10px;"><b>Contact us if you have any questions.</b></p> <div style="display: flex; justify-content: space-around; text-align: center;"> <div> <p>Phone +00852 9146 4856</p> </div> <div> <p>Email info@allelco.com</p> </div> </div>	<p style="text-align: center;"><b>Certifications &amp; Memberships</b></p> <div style="display: flex; justify-content: space-around; text-align: center;"> </div> <div style="display: flex; justify-content: space-around; text-align: center; margin-top: 10px;"> </div> <p style="text-align: right; margin-top: 10px;"><a href="#">View More</a></p>
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