

Image may be representation.  
See specifications for product details.



## DS28EC20+T

Manufacturer Part Number	<b>DS28EC20+T</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-DS28EC20+T
ECAD Model	Request Free CAD Models
Parts Description	IC EEPROM 20KBIT 1-WIRE TO92-3
Package	TO-226-3, TO-92-3 (TO-226AA) Formed Leads
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

DS28EC20+T - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology DS28EC20+T datasheet/specifications on AllelcoElec.com. Request a quote for DS28EC20+T, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

DS28EC20+T Tech Specifications  
DS28EC20+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Operating Temperature	-40°C ~ 85°C (TA)
Write Cycle Time - Word, Page	-	Mounting Type	Through Hole
Voltage - Supply	-	Memory Type	Non-Volatile
Technology	EEPROM	Memory Size	20Kbit
Supplier Device Package	TO-92-3	Memory Organization	256 x 80
Series	-	Memory Interface	1-Wire®
Package / Case	TO-226-3, TO-92-3 (TO-226AA) Formed Leads	Memory Format	EEPROM
Package	Tape & Reel (TR)	Base Product Number	DS28EC20

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated DS28EC20+T

Product Attribute				
Part Number	DS28EC20+T	DS28EC20P+	DS28EC20+	DS28E80Q+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Package	Tape & Reel (TR)	Tube	Bulk	Tape & Reel (TR)
Memory Format	EEPROM	EEPROM	EEPROM	EEPROM
Memory Interface	1-Wire®	1-Wire®	1-Wire®	1-Wire®
Mounting Type	Through Hole	Surface Mount	Through Hole	Surface Mount
Series	-	-	-	-
Technology	EEPROM	EEPROM	EEPROM	EEPROM
Memory Organization	256 x 80	256 x 80	256 x 80	2K x 1
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Memory Type	Non-Volatile	Non-Volatile	Non-Volatile	Non-Volatile
Package / Case	TO-226-3, TO-92-3 (TO-226AA) Formed Leads	6-SMD, J-Lead	TO-226-3, TO-92-3 (TO-226AA)	6-WDFN Exposed Pad
Base Product Number	DS28EC20	DS28EC20	DS28EC20	DS28E80
Voltage - Supply	-	-	-	2.97V ~ 3.63V
Write Cycle Time - Word, Page	-	-	-	-
Supplier Device Package	TO-92-3	6-TSOC	TO-92-3	6-TDFN (3x3)
Memory Size	20Kbit	20Kbit	20Kbit	2Kbit

## DS28EC20+T Datasheet PDF

Download DS28EC20+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for DS28EC20+T - Analog Devices Inc./Maxim Integrated.

### Datasheets

[Cylindrical Battery Holders.pdf](#)

### Environmental Information

[Maxim Integrated RoHS Cert.pdf](#)

[Red Phosphorous Certificate.pdf](#)

[Material Declaration DS28EC20+T.pdf](#)

### HTML Datasheet

[Cylindrical Battery Holders.pdf](#)

### Application Notes

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




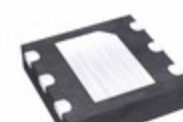




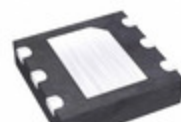

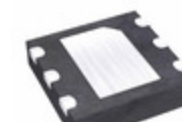
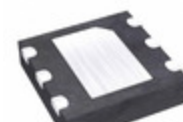





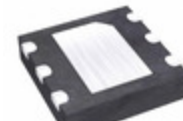
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[Reference Design of a 1-Wire® Bidirectional Volta.pdf](#)

[Understanding the DS1WM Synthesizable 1-Wire Bus M.pdf](#)

## Customers Also Interested in

### Recommended Products

					
<b>DS28EC20P+</b> Analog Devices Inc./Maxim Integrated IC EEPROM 20KBIT 1-WIRE 6TSOC	<b>DS28EC20+</b> Analog Devices Inc./Maxim Integrated IC EEPROM 20KBIT 1-WIRE TO92-3	<b>DS28EC20</b> DALLAS NO PICTURE	<b>DS28E80Q+T</b> Analog Devices Inc./Maxim Integrated IC EEPROM 2KBIT 1-WIRE 6TDFN	<b>DS28EL15Q-742+3TW</b> Analog Devices Inc./Maxim Integrated IC EEPROM 512 1WIRE	<b>DS28EA00U</b> Analog Devices / Maxim Integrated
					
<b>DS28EA00U+T</b> Analog Devices / Maxim Integrated	<b>DS28E38Q+U-ND</b> MAX USA CORP. NO PICTURE	<b>DS28EL15Q+T</b> Analog Devices Inc./Maxim Integrated IC EEPROM 512 1WIRE 6TDFN	<b>DS28EA00U+</b> Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -40C-85C 8UMAX	<b>DS28EC20Q+T</b> Analog Devices Inc./Maxim Integrated IC EEPROM 20KBIT 1-WIRE 6TDFN	<b>DS28EL25Q+U</b> Analog Devices Inc./Maxim Integrated IC EEPROM 4K 1WIRE 6TDFN
					
<b>DS28EL15XA-S+T</b> Analog Devices Inc./Maxim Integrated INTEGRATED CIRCUIT	<b>DS28EA00U+T&amp;R</b> Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -40C-85C 8UMAX	<b>DS28E500</b> Analog Devices / Maxim Integrated	<b>DS28EC20P+T</b> Analog Devices Inc./Maxim Integrated IC EEPROM 20KBIT 1-WIRE 6TSOC	<b>DS28EC20P-224-BB+T</b> Analog Devices / Maxim Integrated	<b>DS28EL15Q+U</b> Analog Devices Inc./Maxim Integrated IC EEPROM 512 1WIRE 6TDFN

## 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.

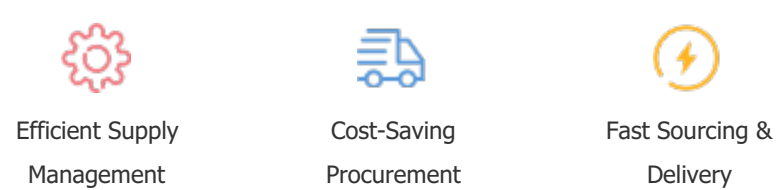
### Payment Support

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



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