



Image may be representation.
See specifications for product details.



DS28EA00U+

Manufacturer Part Number	DS28EA00U+
Manufacturer	Maxim Integrated
Allelco Part Number	32D-DS28EA00U+
ECAD Model	Request Free CAD Models
Parts Description	SENSOR DIGITAL -40C-85C 8UMAX
Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Data sheet	DS28EA00.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

DS28EA00U+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology DS28EA00U+ datasheet/specifications on AllelcoElec.com. Request a quote for DS28EA00U+, please send us email: info@allelco.com

Specifications

DS28EA00U+ Tech Specifications
DS28EA00U+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Voltage - Supply	3V ~ 5.5V	Package	Tube
Test Condition	-10°C ~ 85°C (<-10°C)	Output Type	1-Wire®
Supplier Device Package	8-uMAX/uSOP	Operating Temperature	-40°C ~ 85°C
Series	-	Mounting Type	Surface Mount
Sensor Type	Digital, Local	Features	Output Switch, Programmable Limit, Programmable Resolution
Sensing Temperature - Remote	-	Base Product Number	DS28EA00
Sensing Temperature - Local	-40°C ~ 85°C	Accuracy - Highest (Lowest)	±0.5°C (-0.5°C, 2°C)
Resolution	11 b		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated DS28EA00U+

Product Attribute				
Part Number	DS28EA00U+	DS28EA00U+T&R	DS28EC20+	DS28EC20P+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Sensing Temperature - Remote	-	-	-	-
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	TO-226-3, TO-92-3 (TO-226AA)	6-SMD, J-Lead
Series	-	-	-	-
Operating Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C (TA)	-40°C ~ 85°C (TA)
Accuracy - Highest (Lowest)	±0.5°C (-0.5°C, 2°C)	±0.5°C (-0.5°C, 2°C)	-	-
Test Condition	-10°C ~ 85°C (<-10°C)	-10°C ~ 85°C (<-10°C)	-	-
Resolution	11 b	11 b	-	-
Supplier Device Package	8-uMAX/uSOP	8-uMAX/uSOP	TO-92-3	6-TSOC
Sensing Temperature - Local	-40°C ~ 85°C	-40°C ~ 85°C	-	-
Sensor Type	Digital, Local	Digital, Local	-	-
Output Type	1-Wire®	1-Wire®	-	-
Voltage - Supply	3V ~ 5.5V	3V ~ 5.5V	-	-
Base Product Number	DS28EA00	DS28EA00	DS28EC20	DS28EC20
Features	Output Switch, Programmable Limit, Programmable Resolution	Output Switch, Programmable Limit, Programmable Resolution	-	-
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount
Package	Tube	Tape & Reel (TR)	Bulk	Tape & Reel (TR)

DS28EA00U+ Datasheet PDF

Download DS28EA00U+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for DS28EA00U+ - Analog Devices Inc./Maxim Integrated.

Datasheets

[DS28EA00.pdf](#)

Environmental Information

[Maxim Integrated RoHS Cert.pdf](#)

[Material Declaration DS28EA00U+.pdf](#)









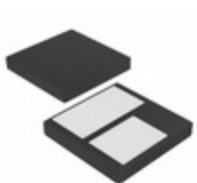


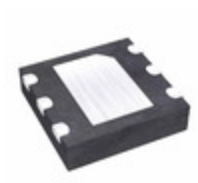



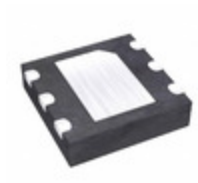

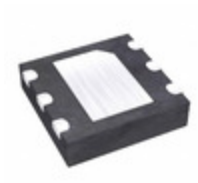
Application Notes

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

[* Create a 1-Wire Master with Xilinx PicoBlaze.pdf](#)

Customers Also Interested in

Recommended Products

					
DS28EC20+ Analog Devices Inc./Maxim Integrated IC EEPROM 20KBIT 1-WIRE TO92-3	DS28EC20P+T Analog Devices Inc./Maxim Integrated IC EEPROM 20KBIT 1-WIRE 6TSOC	DS28EC20 DALLAS	DS28E25P+ Analog Devices Inc./Maxim Integrated IC EEPROM 4K 1WIRE 6TSOC	DS28EC20P-224-BB+T Analog Devices / Maxim Integrated	DS28E25P+T Analog Devices Inc./Maxim Integrated IC EEPROM 4K 1WIRE 6TSOC
					
DS28EA00U Analog Devices / Maxim Integrated	DS28E500 Analog Devices / Maxim Integrated	DS28E25G+T Analog Devices Inc./Maxim Integrated IC EEPROM 4K 1WIRE 2SFN	DS28E38Q+U-ND MAX USA CORP.	DS28EC20P+ Analog Devices Inc./Maxim Integrated IC EEPROM 20KBIT 1-WIRE 6TSOC	DS28E80Q+T Analog Devices Inc./Maxim Integrated IC EEPROM 2KBIT 1-WIRE 6TDFN
					
DS28E35P+ Analog Devices Inc./Maxim Integrated DEEPCOVER SECURE AUTHENTICATOR	DS28EC20+T Analog Devices Inc./Maxim Integrated IC EEPROM 20KBIT 1-WIRE TO92-3	DS28EA00U+T&R Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -40C-85C 8UMAX	DS28E38Q+T Analog Devices Inc./Maxim Integrated IC EEPROM 2K 1WIRE 6TDFN	DS28E35 Analog Devices / Maxim Integrated	DS28EC20Q+T Analog Devices Inc./Maxim Integrated IC EEPROM 20KBIT 1-WIRE 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.



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 Fast Sourcing & Delivery

Contact us if you have any questions.

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Certifications & Memberships



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