



Image may be representation.  
See specifications for product details.



## DS75LXU+

Manufacturer Part Number	<b>DS75LXU+</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-DS75LXU+
ECAD Model	Request Free CAD Models
Parts Description	SENSOR DIGITAL -55C-125C 8UMAX
Package	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Data sheet	<b>DS75LX.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

DS75LXU+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology DS75LXU+ datasheet/specifications on AllelcoElec.com. Request a quote for DS75LXU+, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

DS75LXU+ Tech Specifications

DS75LXU+ - 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	1.7V ~ 3.7V	Package	Tube
Test Condition	-25°C ~ 100°C (-55°C ~ 125°C)	Output Type	I <sup>2</sup> C
Supplier Device Package	8-uMAX/uSOP	Operating Temperature	-55°C ~ 125°C
Series	-	Mounting Type	Surface Mount
Sensor Type	Digital, Local	Features	Output Switch, Programmable Limit, Programmable Resolution, Shutdown Mode, Standby Mode
Sensing Temperature - Remote	-	Base Product Number	DS75
Sensing Temperature - Local	-55°C ~ 125°C	Accuracy - Highest (Lowest)	±2°C (±3°C)
Resolution	11 b		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated DS75LXU+

Product Attribute				
Part Number	DS75LXU+	DS75LVS+T&R	DS75S+T&R	DS75LVU
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Resolution	11 b	11 b	11 b	12 b
Operating Temperature	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C
Voltage - Supply	1.7V ~ 3.7V	1.7V ~ 3.7V	2.7V ~ 5.5V	1.7V ~ 3.7V
Features	Output Switch, Programmable Limit, Programmable Resolution, Shutdown Mode, Standby Mode	Output Switch, Programmable Limit, Programmable Resolution, Shutdown Mode, Standby Mode	Output Switch, Programmable Limit, Programmable Resolution, Shutdown Mode, Standby Mode	Output Switch, Programmable Limit, Programmable Resolution, Shutdown Mode, Standby Mode
Base Product Number	DS75	DS75	DS75	-
Test Condition	-25°C ~ 100°C (-55°C ~ 125°C)	-25°C ~ 100°C (-55°C ~ 125°C)	-25°C ~ 100°C (-55°C ~ 125°C)	-25°C ~ 100°C (-55°C ~ 125°C)
Output Type	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Package / Case	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Series	-	-	-	-
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Bulk
Supplier Device Package	8-uMAX/uSOP	8-SOIC	8-SOIC	8-µMAX
Sensor Type	Digital, Local	Digital, Local	Digital, Local	Digital, Local
Sensing Temperature - Remote	-	-	-	-
Sensing Temperature - Local	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C
Accuracy - Highest (Lowest)	±2°C (±3°C)	±2°C (±3°C)	±2°C (±3°C)	±2°C (±3°C)

### DS75LXU+ Datasheet PDF

Download DS75LXU+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for DS75LXU+ - Analog Devices Inc./Maxim Integrated.

#### Datasheets

[DS75LX.pdf](#)

#### Environmental Information

[Maxim Integrated RoHS Cert.pdf](#)

[Material Declaration DS75LXU+.pdf](#)



















#### Application Notes

[Thermal Management Handbook.pdf](#)

[Understanding Multidrop Address Assignments for Th.pdf](#)

### Customers Also Interested in

## Recommended Products

 maxim integrated..				 maxim integrated..	 maxim integrated..
<b>DS75LVST</b> Analog Devices / Maxim Integrated	<b>DS75LVST&amp;R</b> Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 8SOIC	<b>DS75S+T&amp;R</b> Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 8SOIC	<b>DS75LVU</b> Analog Devices Inc./Maxim Integrated DIGITAL THERMOMETER	<b>DS75LVU+T&amp;R</b> Analog Devices / Maxim Integrated	<b>DS75LVST&amp;R</b> Analog Devices / Maxim Integrated
 maxim integrated..	 maxim integrated..	 maxim integrated..	 maxim integrated..		
<b>DS75S-CA+T</b> Analog Devices / Maxim Integrated	<b>DS75LVST&amp;TR</b> Analog Devices / Maxim Integrated	<b>DS75S+TR</b> Analog Devices / Maxim Integrated	<b>DS75LVU+TR</b> Analog Devices / Maxim Integrated	<b>DS75U+</b> Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 8UMAX	<b>DS75LVU+T&amp;R</b> Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 8UMAX
		 maxim integrated..	 maxim integrated..		
<b>DS75S/T&amp;R</b> Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 8SOIC	<b>DS75S+</b> Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 8SOIC	<b>DS75S+T/R</b> Analog Devices / Maxim Integrated	<b>DS75S+T</b> Analog Devices / Maxim Integrated	<b>DS75LVU+</b> Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 8UMAX	<b>DS75LVST+</b> Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 8SOIC

## 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.

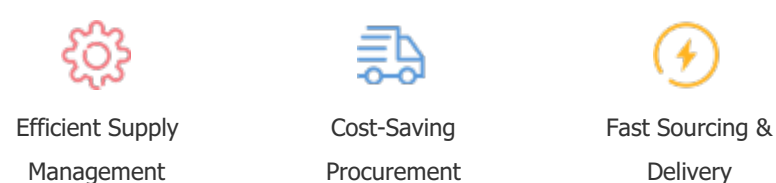
## Payment Support

The payment method can be chosen from the methods shown below:

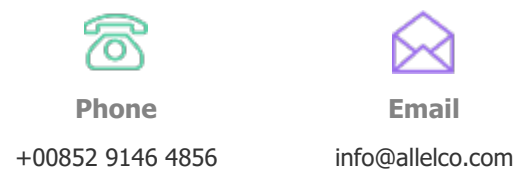
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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