

Image may be representation.  
See specifications for product details.



## DS1621V+

Manufacturer Part Number	<b>DS1621V+</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-DS1621V+
ECAD Model	Request Free CAD Models
Parts Description	<b>SENSOR DIGITAL -55C-125C 8SOIC</b>
Package	<b>8-SOIC (0.209', 5.30mm Width)</b>
Data sheet	<b>DS1621.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

DS1621V+ - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology DS1621V+ datasheet/specifications on AllelcoElec.com. Request a quote for DS1621V+, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

DS1621V+ Tech Specifications

DS1621V+ - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Package / Case	8-SOIC (0.209', 5.30mm Width)
Voltage - Supply	2.7V ~ 5.5V	Package	Tube
Test Condition	0°C ~ 70°C (-55°C ~ 125°C)	Output Type	I <sup>2</sup> C
Supplier Device Package	8-SOIC	Operating Temperature	-55°C ~ 125°C
Series	-	Mounting Type	Surface Mount
Sensor Type	Digital, Local	Features	One-Shot, Output Switch, Standby Mode
Sensing Temperature - Remote	-	Base Product Number	DS1621
Sensing Temperature - Local	-55°C ~ 125°C	Accuracy - Highest (Lowest)	±0.5°C (±2°C)
Resolution	9 b		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated DS1621V+

Product Attribute				
Part Number	DS1621V+	DS1621S+T&R	DS1624S	DS1621S
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Package	Tube	Tape & Reel (TR)	Tube	Tube
Series	-	-	-	-
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-SOIC
Accuracy - Highest (Lowest)	±0.5°C (±2°C)	±0.5°C (±2°C)	±0.5°C (±2°C)	±0.5°C (±2°C)
Resolution	9 b	9 b	11 b	9 b
Voltage - Supply	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V
Output Type	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C	I <sup>2</sup> C
Features	One-Shot, Output Switch, Standby Mode	One-Shot, Output Switch, Standby Mode	One-Shot, Standby Mode	One-Shot, Output Switch, Standby Mode
Sensing Temperature - Local	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C
Operating Temperature	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C
Package / Case	8-SOIC (0.209', 5.30mm Width)	8-SOIC (0.154', 3.90mm Width)	8-SOIC (0.209', 5.30mm Width)	8-SOIC (0.154', 3.90mm Width)
Sensor Type	Digital, Local	Digital, Local	Digital, Local	Digital, Local
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Sensing Temperature - Remote	-	-	-	-
Base Product Number	DS1621	DS1621	DS1624	DS1621
Test Condition	0°C ~ 70°C (-55°C ~ 125°C)	0°C ~ 70°C (-55°C ~ 125°C)	0°C ~ 70°C (-55°C ~ 125°C)	0°C ~ 70°C (-55°C ~ 125°C)

### DS1621V+ Datasheet PDF

Download DS1621V+ pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for DS1621V+ - Analog Devices Inc./Maxim Integrated.

#### Datasheets

[DS1621.pdf](#)

#### Environmental Information

[Maxim Integrated RoHS Cert.pdf](#)

[Material Declaration DS1621V+ .pdf](#)

#### Application Notes

















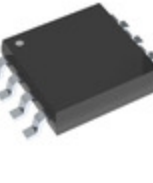

[Thermal Management Handbook.pdf](#)

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

[Using the DS1631 Temperature Sensor in DS1621 Appl.pdf](#)

### Customers Also Interested in

#### Recommended Products

					
<b>DS1621S+T&amp;R</b> Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 8SOIC	<b>DS1624S</b> Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 8SO	<b>DS1621S</b> Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 8SOIC	<b>DS1621V+T&amp;R</b> Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 8SOIC	<b>DS1621S-T&amp;R</b> DALLAS	<b>DS1621C</b> DALLAS
					
<b>DS1624S+</b> Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 8SOIC	<b>DS1621V+T&amp;R</b> Analog Devices / Maxim Integrated	<b>DS1624+</b> Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 8DIP	<b>DS1621V</b> Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 8SOIC	<b>DS1621S+</b> Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 8SOIC	<b>DS1624S+TR</b> Analog Devices / Maxim Integrated
					
<b>DS1621S+TR</b> Analog Devices / Maxim Integrated	<b>DS1624S+T</b> Analog Devices / Maxim Integrated	<b>DS1621S+T&amp;R</b> Analog Devices / Maxim Integrated	<b>DS1621S/TR</b> Analog Devices / Maxim Integrated	<b>DS1624S+T&amp;R</b> Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 8SO	<b>DS1621S+T</b> Analog Devices / Maxim Integrated

## 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

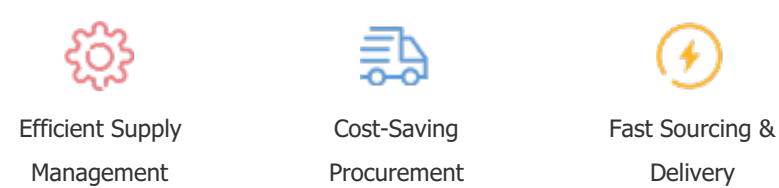
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

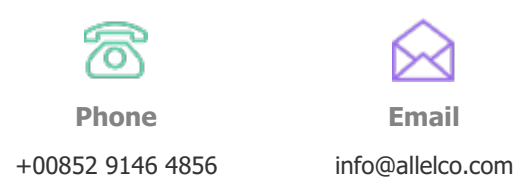
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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