



Image may be representation.
See specifications for product details.



MAX7500MUA+T

Manufacturer Part Number	MAX7500MUA+T
Manufacturer	Maxim Integrated
Allelco Part Number	32D-MAX7500MUA+T
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	MAX7500-04.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

MAX7500MUA+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX7500MUA+T datasheet/specifications on AllelcoElec.com.
Request a quote for MAX7500MUA+T, please send us email: info@allelco.com

Specifications

MAX7500MUA+T Tech Specifications
MAX7500MUA+T - 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	Tape & Reel (TR)
Test Condition	-25°C ~ 100°C (-55°C ~ 125°C)	Output Type	I ² 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, Shutdown Mode
Sensing Temperature - Remote	-	Base Product Number	MAX7500
Sensing Temperature - Local	-55°C ~ 125°C	Accuracy - Highest (Lowest)	±2°C (±3°C)
Resolution	9 b		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX7500MUA+T

Product Attribute				
Part Number	MAX7500MUA+T	MAX7501MUA+T	MAX7500MSA+	MAX7501MSA+T
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Operating Temperature	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C
Resolution	9 b	9 b	9 b	9 b
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Features	Output Switch, Programmable Limit, Shutdown Mode	Output Switch, Programmable Limit, Shutdown Mode	Output Switch, Programmable Limit, Shutdown Mode	Output Switch, Programmable Limit, Shutdown Mode
Output Type	I ² C	I ² C	I ² C	I ² C
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)
Voltage - Supply	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V
Sensing Temperature - Local	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C
Supplier Device Package	8-uMAX/uSOP	8-uMAX/uSOP	8-SOIC	8-SOIC
Series	-	-	-	-
Base Product Number	MAX7500	MAX7501	MAX7500	MAX7501
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tape & Reel (TR)
Package / Case	8-TSSOP, 8-MSOP (0.118', 3.00mm Width)	8-TSSOP, 8-MSOP (0.118', 3.00mm Width)	8-SOIC (0.154', 3.90mm Width)	8-SOIC (0.154', 3.90mm Width)
Accuracy - Highest (Lowest)	±2°C (±3°C)	±2°C (±3°C)	±2°C (±3°C)	±2°C (±3°C)
Sensor Type	Digital, Local	Digital, Local	Digital, Local	Digital, Local
Sensing Temperature - Remote	-	-	-	-

MAX7500MUA+T Datasheet PDF

Download MAX7500MUA+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX7500MUA+T - Analog Devices Inc./Maxim Integrated.

Datasheets

[MAX7500-04.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

[Red Phosphorous Certificate.pdf](#)

Application Notes



















[Thermal Management Handbook.pdf](#)

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

[How to Install the USB Driver for Evaluation Kits/.pdf](#)

Customers Also Interested in

Recommended Products

 MAX7501MUA+T Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 8UMAX	 MAX7500MSA+ Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 8SOIC	 MAX749ESA+T Analog Devices Inc./Maxim Integrated IC SUPPLY LCD BIAS ADJ 8-SOIC	 MAX7501MSA+T Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 8SOIC	 MAX7500AUA/V+T Analog Devices / Maxim Integrated	 MAX750ACSA+ Analog Devices Inc./Maxim Integrated IC REG BUCK ADJ 450MA 8SOIC
 MAX750ACPA Analog Devices Inc./Maxim Integrated IC REG PWM STEP-DWN ADJ 8-DIP	 MAX749ESA Analog Devices / Maxim Integrated	 MAX7500MSA Analog Devices Inc./Maxim Integrated MAX7500 DIGITAL TEMP SENSOR	 MAX7503MUA+ Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 8UMAX	 MAX7500MSA+T Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 8SOIC	 MAX7500AUA/V+ Analog Devices / Maxim Integrated
 MAX7500MUA+ Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 8UMAX	 MAX7501MSA+ Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 8SOIC	 MAX7503MUA+T Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 8UMAX	 MAX749ESA+ Analog Devices Inc./Maxim Integrated IC SUPPLY LCD BIAS ADJ 8-SOIC	 MAX7504MUA+T Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 8UMAX	 MAX7500MUA 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.

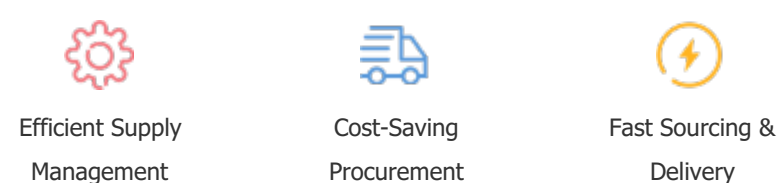
Contact us if you have any questions.

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



[View More](#)