



Image may be representation.  
See specifications for product details.



## MAX6657MSA

Manufacturer Part Number	<b>MAX6657MSA</b>
Manufacturer	<b>Maxim Integrated</b>
Allelco Part Number	32D-MAX6657MSA
ECAD Model	Request Free CAD Models
Parts Description	<b>MAX6657 TEMPERATURE SENSOR</b>
Package	<b>8-SOIC (0.154", 3.90mm Width)</b>
Data sheet	MAX6657MSA.pdf

**Get a Quote**

MAX6657MSA - Analog Devices Inc./Maxim Integrated. New Original in Stock. Download Linear Technology MAX6657MSA datasheet/specifications on AllelcoElec.com. Request a quote for MAX6657MSA, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

MAX6657MSA Tech Specifications  
MAX6657MSA - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Resolution	11 b
Voltage - Supply	3V ~ 5.5V	Package / Case	8-SOIC (0.154", 3.90mm Width)
Test Condition	60°C ~ 100°C (0°C ~ 125°C)	Package	Bulk
Supplier Device Package	8-SOIC	Output Type	I <sup>2</sup> C/SMBus
Series	-	Operating Temperature	0°C ~ 125°C
Sensor Type	Digital, Local/Remote	Mounting Type	Surface Mount
Sensing Temperature - Remote	0°C ~ 125°C	Features	Output Switch, Programmable Limit, Shutdown Mode, Standby Mode
Sensing Temperature - Local	0°C ~ 125°C	Accuracy - Highest (Lowest)	±2°C (±5°C)

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX6657MSA

Product Attribute				
Part Number	MAX6657MSA	MAX6659MEE+T	MAX6658MSA+T	MAX6658MSA+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Sensing Temperature - Local	0°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C
Operating Temperature	0°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C
Accuracy - Highest (Lowest)	±2°C (±5°C)	±2°C (±5°C)	±2°C (±5°C)	±2°C (±5°C)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	-	-	-	-
Voltage - Supply	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V
Package	Bulk	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Features	Output Switch, Programmable Limit, Shutdown Mode, Standby Mode	Output Switch, Programmable Limit, Shutdown Mode, Standby Mode	Output Switch, Programmable Limit, Shutdown Mode, Standby Mode	Output Switch, Programmable Limit, Shutdown Mode, Standby Mode
Package / Case	8-SOIC (0.154", 3.90mm Width)	16-SSOP (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Sensor Type	Digital, Local/Remote	Digital, Local/Remote	Digital, Local/Remote	Digital, Local/Remote
Test Condition	60°C ~ 100°C (0°C ~ 125°C)	60°C ~ 100°C (-55°C ~ 125°C)	60°C ~ 100°C (-55°C ~ 125°C)	60°C ~ 100°C (-55°C ~ 125°C)
Resolution	11 b	10 b	10 b	10 b
Sensing Temperature - Remote	0°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C
Output Type	I <sup>2</sup> C/SMBus	I <sup>2</sup> C/SMBus	I <sup>2</sup> C/SMBus	I <sup>2</sup> C/SMBus
Supplier Device Package	8-SOIC	16-QSOP	8-SOIC	8-SOIC

### Customers Also Interested in

#### Recommended Products

<b>MAX6657MSA-T</b> Analog Devices / Maxim Integrated	<b>MAX6659MEE+T</b> Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 16QSOP	<b>MAX6658MSA+T</b> Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 8SOIC	<b>MAX6657MSA-C01060</b> Analog Devices / Maxim Integrated	<b>MAX6653AEE+</b> Maxim Integrated IC TEMP MON FAN CNTRL 16-QSOP	<b>MAX6658MSA+</b> Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 8SOIC
<b>MAX6657YMSA</b> Analog Devices / Maxim Integrated	<b>MAX6656MEE+T</b> Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 16QSOP	<b>MAX6654MEE</b> Analog Devices / Maxim Integrated	<b>MAX6657MSA+</b> Analog Devices Inc./Maxim Integrated SENSOR DIGITAL 0C-125C 8SOIC	<b>MAX6654MEE+</b> Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 16QSOP	<b>MAX6657YMSA+</b> Analog Devices Inc./Maxim Integrated SENSOR DIGITAL 0C-125C 8SOIC

**MAX6657MSA+T**Analog Devices Inc./Maxim Integrated  
SENSOR DIGITAL 0C-125C 8SOIC**MAX6653AEE+T**Analog Devices Inc./Maxim Integrated  
IC TEMP MON FAN CNTRL 16-QSOP**MAX6654MEE-T**

Analog Devices / Maxim Integrated

**MAX6656MEE**Analog Devices Inc./Maxim Integrated  
SENSOR DIGITAL -55C-125C 16QSOP**MAX6656MEE+**Analog Devices Inc./Maxim Integrated  
SENSOR DIGITAL -55C-125C 16QSOP**MAX6654MEE+T**Analog Devices Inc./Maxim Integrated  
SENSOR DIGITAL -55C-125C 16QSOP

## 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 -



Efficient Supply Management



Cost-Saving Procurement



Fast Sourcing & Delivery

Contact us if you have any questions.



Phone

+00852 9146 4856



Email

info@allelco.com

### Certifications & Memberships



[View More](#)



### Contact us

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