



Image may be representation.  
See specifications for product details.



## MAX6654MEE+T

Manufacturer Part Number **MAX6654MEE+T**

Manufacturer **Maxim Integrated**

Allelco Part Number **32D-MAX6654MEE+T**

ECAD Model Request Free CAD Models

Parts Description **SENSOR DIGITAL -55C-125C 16QSOP**

Package **16-SSOP (0.154", 3.90mm Width)**

Data sheet **MAX6654.pdf**

RoHs Status **ROHS3 Compliant**

**Get a Quote**

MAX6654MEE+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX6654MEE+T datasheet/specifications on AllelcoElec.com.

Request a quote for MAX6654MEE+T, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

MAX6654MEE+T Tech Specifications

MAX6654MEE+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Package / Case	16-SSOP (0.154", 3.90mm Width)
Voltage - Supply	3V ~ 5.5V	Package	Tape & Reel (TR)
Test Condition	60°C ~ 100°C (-55°C ~ 120°C)	Output Type	I <sup>2</sup> C/SMBus
Supplier Device Package	16-QSOP	Operating Temperature	-55°C ~ 125°C
Series	-	Mounting Type	Surface Mount
Sensor Type	Digital, Local/Remote	Features	One-Shot, Output Switch, Standby Mode
Sensing Temperature - Remote	-64°C ~ 125°C	Base Product Number	MAX6654
Sensing Temperature - Local	-55°C ~ 125°C	Accuracy - Highest (Lowest)	±1.3°C (±5°C)
Resolution	10 b		

## Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX6654MEE+T

Product Attribute				
Part Number	MAX6654MEE+T	MAX6657MSA+T	MAX6654MEE+	MAX6656MEE+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Series	-	-	-	-
Sensing Temperature - Local	-55°C ~ 125°C	0°C ~ 125°C	-55°C ~ 125°C	-55°C ~ 125°C
Features	One-Shot, Output Switch, Standby Mode	Output Switch, Programmable Limit, Shutdown Mode, Standby Mode	One-Shot, Output Switch, Standby Mode	Output Switch, Programmable Limit, Shutdown Mode, Standby Mode
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tube
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Base Product Number	MAX6654	MAX6657	MAX6654	MAX6656
Supplier Device Package	16-QSOP	8-SOIC	16-QSOP	16-QSOP
Package / Case	16-SSOP (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	16-SSOP (0.154", 3.90mm Width)	16-SSOP (0.154", 3.90mm Width)
Sensing Temperature - Remote	-64°C ~ 125°C	0°C ~ 125°C	-64°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
Voltage - Supply	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V	3V ~ 5.5V
Resolution	10 b	10 b	10 b	7 b
Sensor Type	Digital, Local/Remote	Digital, Local/Remote	Digital, Local/Remote	Digital, Local/Remote
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
Accuracy - Highest (Lowest)	±1.3°C (±5°C)	±2°C (±5°C)	±1.3°C (±5°C)	±1.5°C (±3°C)
Test Condition	60°C ~ 100°C (-55°C ~ 120°C)	60°C ~ 100°C (0°C ~ 125°C)	60°C ~ 100°C (-55°C ~ 120°C)	60°C ~ 100°C (0°C ~ 125°C)

## MAX6654MEE+T Datasheet PDF

Download MAX6654MEE+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX6654MEE+T - Analog Devices Inc./Maxim Integrated.

### Datasheets

MAX6654.pdf

### Environmental Information

Maxim Integrated REACH.pdf

Maxim Integrated RoHS Cert.pdf

### Application Notes



















Thermal Management Handbook.pdf

Understanding Multidrop Address Assignments for Th.pdf

Migrating to the MAX6642 from Other Thermal Diode .pdf

## Customers Also Interested in

## Recommended Products

 <b>MAX6653AEE+T</b> Analog Devices Inc./Maxim Integrated IC TEMP MON FAN CNTRL 16-QSOP	 <b>MAX6657MSA+T</b> Analog Devices Inc./Maxim Integrated SENSOR DIGITAL 0C-125C 8SOIC	 <b>MAX6654MEE</b> Analog Devices / Maxim Integrated	 <b>MAX6653AEE+</b> Maxim Integrated IC TEMP MON FAN CNTRL 16-QSOP	 <b>MAX6652AUB+T</b> Maxim Integrated IC TEMP SENS/MON 10-UMAX	 <b>MAX6657MSA-T</b> Analog Devices / Maxim Integrated
 <b>MAX6657MSA-C01060</b> Analog Devices / Maxim Integrated	 <b>MAX6654MEE+</b> Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 16QSOP	 <b>MAX6656MEE+</b> Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 16QSOP	 <b>MAX6657MSA+</b> Analog Devices Inc./Maxim Integrated SENSOR DIGITAL 0C-125C 8SOIC	 <b>MAX6651EEE+T</b> Analog Devices Inc./Maxim Integrated IC MOTOR DRIVER 3V-5.5V 16QSOP	 <b>MAX6654MEE-T</b> Analog Devices / Maxim Integrated
 <b>MAX6656MEE</b> Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 16QSOP	 <b>MAX6656MEE+T</b> Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -55C-125C 16QSOP	 <b>MAX6652AUB+</b> Analog Devices Inc./Maxim Integrated IC TEMP SENS/MON 10-UMAX	 <b>MAX6652AUB</b> Analog Devices Inc./Maxim Integrated MAX6652 TEMPERATURE SENSOR	 <b>MAX6653AEE</b> Analog Devices / Maxim Integrated	 <b>MAX6657MSA</b> Analog Devices Inc./Maxim Integrated MAX6657 TEMPERATURE SENSOR

## 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.

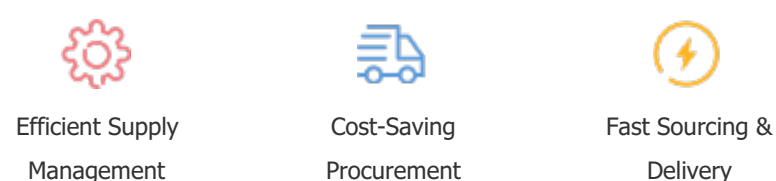
Contact us if you have any questions.

## Payment Support

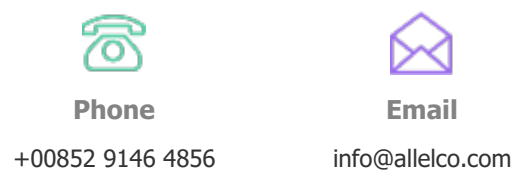
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,  
PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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