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See specifications for product details.



MAX6581TG9A+T

Manufacturer Part Number **MAX6581TG9A+T**

Manufacturer **Maxim Integrated**

Allelco Part Number **32D-MAX6581TG9A+T**

ECAD Model [Request Free CAD Models](#)

Parts Description **SENSOR DIGITAL -40C-125C 24TQFN**

Package **24-WFQFN Exposed Pad**

Data sheet **[Cylindrical Battery Holders.pdf](#)**

[MAX6581.pdf](#)

RoHs Status **ROHS3 Compliant**

Get a Quote

MAX6581TG9A+T - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology MAX6581TG9A+T datasheet/specifications on AllelcoElec.com.

Request a quote for MAX6581TG9A+T, please send us email: info@allelco.com

Specifications

MAX6581TG9A+T Tech Specifications

MAX6581TG9A+T - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Maxim Integrated	Package / Case	24-WFQFN Exposed Pad
Voltage - Supply	3V ~ 3.6V	Package	Tape & Reel (TR)
Test Condition	30°C ~ 85°C (0°C ~ 150°C)	Output Type	I ² C/SMBus
Supplier Device Package	24-TQFN (4x4)	Operating Temperature	-40°C ~ 125°C
Series	-	Mounting Type	Surface Mount
Sensor Type	Digital, Local/Remote	Features	Output Switch, Programmable Limit, Standby Mode
Sensing Temperature - Remote	-64°C ~ 150°C	Base Product Number	MAX6581
Sensing Temperature - Local	-40°C ~ 125°C	Accuracy - Highest (Lowest)	±1.5°C (±3.5°C)
Resolution	8 b (Local), 11 b (Remote)		

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated MAX6581TG9A+T

Product Attribute				
Part Number	MAX6581TG9A+T	MAX6581TG98+T	MAX6575LZUT+T	MAX6602UE9A+
Manufacturer	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated	Analog Devices Inc./Maxim Integrated
Features	Output Switch, Programmable Limit, Standby Mode	Output Switch, Programmable Limit, Standby Mode	-	Output Switch, Programmable Limit, Shutdown Mode, Standby Mode
Test Condition	30°C ~ 85°C (0°C ~ 150°C)	30°C ~ 85°C (0°C ~ 150°C)	25°C (-20°C)	60°C ~ 100°C (0°C ~ 125°C)
Resolution	8 b (Local), 11 b (Remote)	8 b (Local), 11 b (Remote)	-	11 b (Local), 8 b (Remote)
Sensing Temperature - Local	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Sensing Temperature - Remote	-64°C ~ 150°C	-64°C ~ 150°C	-	-40°C ~ 125°C
Output Type	I ² C/SMBus	I ² C/SMBus	Pulse Delay	SMBus
Supplier Device Package	24-TQFN (4x4)	24-TQFN (4x4)	SOT-6	16-TSSOP
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C
Base Product Number	MAX6581	MAX6581	MAX6575	MAX6602
Series	-	-	-	-
Accuracy - Highest (Lowest)	±1.5°C (±3.5°C)	±1.5°C (±3.5°C)	±3°C (±7.5°C)	-3.3°C, 0.7°C (-5°C, 1°C)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tube
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply	3V ~ 3.6V	3V ~ 3.6V	2.7V ~ 5.5V	3V ~ 5.5V
Sensor Type	Digital, Local/Remote	Digital, Local/Remote	Digital, Local	Digital, Local/Remote
Package / Case	24-WFQFN Exposed Pad	24-WFQFN Exposed Pad	SOT-23-6	16-TSSOP (0.173", 4.40mm Width)

MAX6581TG9A+T Datasheet PDF

Download MAX6581TG9A+T pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for MAX6581TG9A+T - Analog Devices Inc./Maxim Integrated.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

[Maxim Integrated REACH.pdf](#)

[Maxim Integrated RoHS Cert.pdf](#)

[Red Phosphorous Certificate.pdf](#)

Application Notes

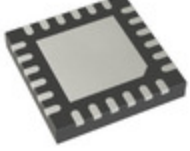

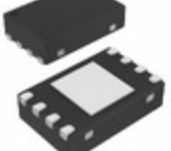









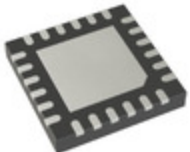





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HTML Datasheet

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MAX6593TG9A+T Analog Devices Inc./Maxim Integrated IC TEMP SENSOR 6-CH 24TQFN	MAX6577ZUT+T Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -40C-125C SOT23-6	MAX6602UE9A+T Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -40C-125C 16TSSOP	MAX6575LZUT Analog Devices Inc./Maxim Integrated TEMPERATURE SENSOR	MAX6577ZUT-T Analog Devices Inc./Maxim Integrated SENSOR DIGITAL -40C-125C SOT23-6	MAX6577ZUT 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.

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