



Image may be representation.  
See specifications for product details.



## TC621CEOA

Manufacturer Part Number	<b>TC621CEOA</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-TC621CEOA
ECAD Model	Request Free CAD Models
Parts Description	THERMOSTAT PROG ACT HIGH 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<b>TC620, 621.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

TC621CEOA - Microchip Technology. New Original in Stock. Download Linear Technology TC621CEOA datasheet/specifications on AllelcoElec.com. Request a quote for TC621CEOA, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

TC621CEOA Tech Specifications  
TC621CEOA - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Output Function	/OverTemp, /UnderTemp
Voltage - Supply	4.5 V ~ 18 V	Output	Active High
Trip Temperature Threshold	Cold, Hot	Operating Temperature	-40°C ~ 125°C
Switching Temperature	Programmable	Mounting Type	Surface Mount
Supplier Device Package	8-SOIC	Features	Programmable
Series	-	Current - Supply	400µA
Selectable Hysteresis	Yes	Current - Output (Max)	1mA
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	TC621
Package	Tube	Accuracy	±3°C
Output Type	Push-Pull		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology TC621CEOA

Product Attribute				
Part Number	TC621CEOA	<b>TC620CVOA713</b>	<b>TC623CCOA</b>	<b>TC622COA</b>
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Current - Supply	400µA	270µA	150µA	600µA
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-SOIC
Package	Tube	Tape & Reel (TR)	Tube	Tube
Switching Temperature	Programmable	Programmable	Programmable	Programmable
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	0°C ~ 70°C	0°C ~ 70°C
Selectable Hysteresis	Yes	Yes	No	No
Base Product Number	TC621	TC620	TC623	TC622
Voltage - Supply	4.5 V ~ 18 V	4.5 V ~ 18 V	2.7 V ~ 4.5 V	4.5 V ~ 18 V
Current - Output (Max)	1mA	1mA	1mA	-
Output	Active High	Active High	Active High	Active High
Series	-	-	-	-
Output Function	/OverTemp, /UnderTemp	OverTemp, UnderTemp	OverTemp, UnderTemp	OverTemp, /OverTemp
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Trip Temperature Threshold	Cold, Hot	Cold, Hot	Cold, Hot	Hot
Output Type	Push-Pull	Push-Pull	Push-Pull	Push-Pull
Features	Programmable	-	-	-
Accuracy	±3°C	±3°C	±3°C	±5°C

### TC621CEOA Datasheet PDF

Download TC621CEOA pdf datasheets and Microchip Technology documentation for TC621CEOA - Microchip Technology.

#### Datasheets

[TC620, 621.pdf](#)

#### PCN Packaging

[Label and Packing Changes 23/Sep/2015.pdf](#)

[Packing Changes 10/Oct/2016.pdf](#)

### Customers Also Interested in

#### Recommended Products

**TC620CVOA713**Microchip Technology  
THERMOSTAT PROG ACT HIGH  
8SOIC**TC623CCOA**Microchip Technology  
THERMOSTAT PROG ACT HIGH  
8SOIC**TC620HEOATR**

Micrel / Microchip Technology

**TC622COA**Microchip Technology  
THERMOSTAT PROG ACT HIGH  
8SOIC**TC620HEOA**Microchip Technology  
THERMOSTAT PROG ACT HIGH  
8SOIC**TC623CEOA**Microchip Technology  
THERMOSTAT PROG ACT HIGH  
8SOIC**TC6215TG-G**Microchip Technology  
MOSFET N/P-CH 150V 8SOIC**TC622VAT**Microchip Technology  
THERMOSTAT PROG ACT HIGH  
TO220-5**TC622VOA**Microchip Technology  
THERMOSTAT PROG ACT HIGH  
8SOIC**TC620HCOA**Microchip Technology  
THERMOSTAT PROG ACT HIGH  
8SOIC**TC621CCOA**Microchip Technology  
THERMOSTAT PROG ACTIVE LOW  
8SOIC**TC620EOA**

Micrel / Microchip Technology

**TC621CEOA713**Microchip Technology  
THERMOSTAT PROG ACT HIGH  
8SOIC**TC622EAT**Microchip Technology  
THERMOSTAT PROG ACT HIGH  
TO220-5**TC622EOA**Microchip Technology  
THERMOSTAT PROG ACT HIGH  
8SOIC**TC621HEOA**Microchip Technology  
THERMOSTAT PROG ACTIVE LOW  
8SOIC**TC621CEPA**Microchip Technology  
THERMOSTAT PROG ACTIVE LOW  
8DIP**TC620CVOA**Microchip Technology  
THERMOSTAT PROG ACT HIGH  
8SOIC

## 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.



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## Certifications & Memberships



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