

Image may be representation.  
See specifications for product details.



## TC74A0-3.3VAT

Manufacturer Part Number	<b>TC74A0-3.3VAT</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-TC74A0-3.3VAT
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	SENSOR DIGITAL -40C-125C TO220-5
Package	TO-220-5
Data sheet	<b>Cylindrical Battery Holders.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

TC74A0-3.3VAT - Microchip Technology. New Original in Stock. Download Linear Technology TC74A0-3.3VAT datasheet/specifications on AllelcoElec.com. Request a quote for TC74A0-3.3VAT, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

TC74A0-3.3VAT Tech Specifications

TC74A0-3.3VAT - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Package / Case	TO-220-5
Voltage - Supply	2.7V ~ 5.5V	Package	Tube
Test Condition	25°C ~ 85°C (0°C ~ 125°C)	Output Type	I <sup>2</sup> C/SMBus
Supplier Device Package	TO-220-5	Operating Temperature	-40°C ~ 125°C
Series	-	Mounting Type	Through Hole
Sensor Type	Digital, Local	Features	Standby Mode
Sensing Temperature - Remote	-	Base Product Number	TC74
Sensing Temperature - Local	-40°C ~ 125°C	Accuracy - Highest (Lowest)	±2°C (±3°C)
Resolution	7 b		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology TC74A0-3.3VAT

Product Attribute				
Part Number	TC74A0-3.3VAT	TC74A1-3.3VCTTR	TC74A0-5.0VCTTR	TC72-3.3MUATR
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Series	-	-	-	-
Package / Case	TO-220-5	SC-74A, SOT-753	SC-74A, SOT-753	8-TSSOP, 8-MSOP (0.118", 3.00mm Width)
Mounting Type	Through Hole	Surface Mount	Surface Mount	Surface Mount
Sensing Temperature - Remote	-	-	-	-
Supplier Device Package	TO-220-5	SOT-23-5	SOT-23-5	8-MSOP
Test Condition	25°C ~ 85°C (0°C ~ 125°C)	25°C ~ 85°C (0°C ~ 125°C)	25°C ~ 85°C (0°C ~ 125°C)	-40°C ~ 85°C (-55°C ~ 125°C)
Sensing Temperature - Local	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C	-55°C ~ 125°C
Resolution	7 b	7 b	7 b	9 b
Base Product Number	TC74	TC74	TC74	TC72
Accuracy - Highest (Lowest)	±2°C (±3°C)	±2°C (±3°C)	±2°C (±3°C)	±2°C (±3°C)
Package	Tube	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Features	Standby Mode	Standby Mode	Standby Mode	One-Shot, Shutdown Mode
Voltage - Supply	2.7V ~ 5.5V	2.7V ~ 5.5V	2.7V ~ 5.5V	2.65V ~ 5.5V
Sensor Type	Digital, Local	Digital, Local	Digital, Local	Digital, Local
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°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	SPI

### TC74A0-3.3VAT Datasheet PDF

Download TC74A0-3.3VAT pdf datasheets and Microchip Technology documentation for TC74A0-3.3VAT - Microchip Technology.

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### PCN Packaging

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







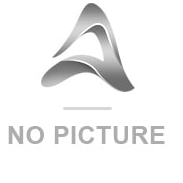







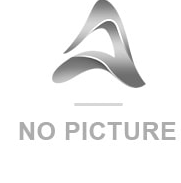



[Packing Changes 10/Oct/2016.pdf](#)

#### PCN Assembly/Origin

[2.73KHz.pdf](#)

### Customers Also Interested in

#### Recommended Products

					
<b>TC74A1-3.3VCTTR</b> Microchip Technology SENSOR DIGITAL -40C-125C SOT23-5	<b>TC7258HNJ</b> FM	<b>TC725M</b> Micrel / Microchip Technology	<b>TC74A0-5.0VCTTR</b> Microchip Technology SENSOR DIGITAL -40C-125C SOT23-5	<b>TC72-3.3MUATR</b> Microchip Technology SENSOR DIGITAL -55C-125C 8MSOP	<b>TC722M</b> MIC
					
<b>TC7262BJ</b> FM	<b>TC74A0-5.0VAT</b> Microchip Technology SENSOR DIGITAL -40C-125C TO220-5	<b>TC7258EN</b> FM	<b>TC74A1-5.0VCT</b> Micrel / Microchip Technology	<b>TC74A4-3.3VAT</b> Microchip Technology SENSOR DIGITAL -40C-125C TO220-5	<b>TC74A3-3.3VCTTR</b> Microchip Technology SENSOR DIGITAL -40C-125C SOT23-5
					
<b>TC72-5.0MUA</b> Microchip Technology SENSOR DIGITAL -55C-125C 8MSOP	<b>TC7262A</b> FM	<b>TC7258GN/J</b> FM	<b>TC74A0-5.0VCT</b> Micrel / Microchip Technology	<b>TC74A5-3.3VCTTR</b> Microchip Technology SENSOR DIGITAL -40C-125C SOT23-5	<b>TC74A0-3.3VCTTR</b> Microchip Technology SENSOR DIGITAL -40C-125C SOT23-5

## 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.

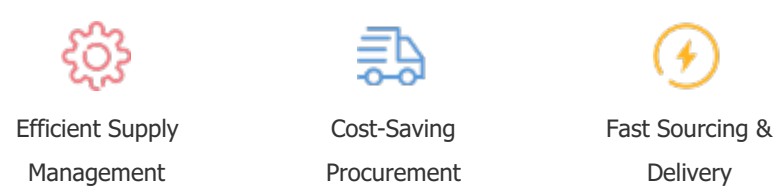
### Payment Support

The payment method can be chosen from the methods shown below:

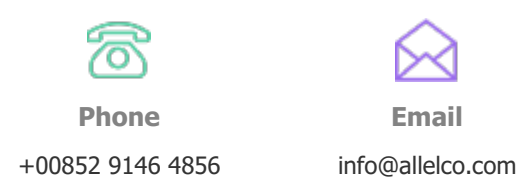
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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