

Image may be representation.  
See specifications for product details.



## TC4420COA

Manufacturer Part Number	<b>TC4420COA</b>
Manufacturer	<b>Microchip Technology</b>
Allelco Part Number	32D-TC4420COA
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC GATE DRVR LOW-SIDE 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<b>TC4420, 4429.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

TC4420COA - Microchip Technology. New Original in Stock. Download Linear Technology TC4420COA datasheet/specifications on AllelcoElec.com. Request a quote for TC4420COA, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

TC4420COA Tech Specifications

TC4420COA - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Mounting Type	Surface Mount
Voltage - Supply	4.5V ~ 18V	Logic Voltage - VIL, VIH	0.8V, 2.4V
Supplier Device Package	8-SOIC	Input Type	Non-Inverting
Series	-	Gate Type	N-Channel, P-Channel MOSFET
Rise / Fall Time (Typ)	25ns, 25ns	Driven Configuration	Low-Side
Package / Case	8-SOIC (0.154", 3.90mm Width)	Current - Peak Output (Source, Sink)	6A, 6A
Package	Tube	Channel Type	Single
Operating Temperature	0°C ~ 150°C (TJ)	Base Product Number	TC4420
Number of Drivers	1		

### Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology TC4420COA

Product Attribute				
Part Number	TC4420COA	TC4420EOA	TC4420COA713	TC4420MJA
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package	Tube	Tube	Tape & Reel (TR)	Tube
Current - Peak Output (Source, Sink)	6A, 6A	6A, 6A	6A, 6A	6A, 6A
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-CERDIP
Operating Temperature	0°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	0°C ~ 150°C (TJ)	-55°C ~ 150°C (TJ)
Base Product Number	TC4420	TC4420	TC4420	TC4420
Series	-	-	-	-
Voltage - Supply	4.5V ~ 18V	4.5V ~ 18V	4.5V ~ 18V	4.5V ~ 18V
Rise / Fall Time (Typ)	25ns, 25ns	25ns, 25ns	25ns, 25ns	25ns, 25ns
Number of Drivers	1	1	1	1
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-CDIP (0.300", 7.62mm)
Channel Type	Single	Single	Single	Single
Gate Type	N-Channel, P-Channel MOSFET	N-Channel, P-Channel MOSFET	N-Channel, P-Channel MOSFET	N-Channel, P-Channel MOSFET
Logic Voltage - VIL, VIH	0.8V, 2.4V	0.8V, 2.4V	0.8V, 2.4V	0.8V, 2.4V
Driven Configuration	Low-Side	Low-Side	Low-Side	Low-Side
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting

### TC4420COA Datasheet PDF

Download TC4420COA pdf datasheets and Microchip Technology documentation for TC4420COA - Microchip Technology.

#### Datasheets

[TC4420, 4429.pdf](#)

#### PCN Packaging

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

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

#### PCN Assembly/Origin




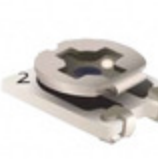







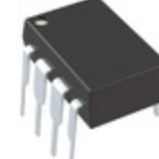






[Manufacturing Change 09/Feb/2021.pdf](#)

#### PCN Design/Specification

[PdCu Bond Wire Update 21/Sep/2015.pdf](#)

## Customers Also Interested in

### Recommended Products

					
<b>TC4420EOA</b> Microchip Technology IC GATE DRVR LOW-SIDE 8SOIC	<b>TC4420COA713</b> Microchip Technology IC GATE DRVR LOW-SIDE 8SOIC	<b>TC4420MJA</b> Microchip Technology IC GATE DRVR LOW-SIDE 8CERDIP	<b>TC42X-2-103E</b> Bourns Inc. TRIMMER 10K OHM 0.1W J LEAD TOP	<b>TC433ED-A</b> TST	<b>TC4420VAT</b> Microchip Technology IC GATE DRVR LOW-SIDE TO220-5
					
<b>TC4420IJA</b> Microchip Technology IC GATE DRVR LOW-SIDE 8CERDIP	<b>TC42X-2-105E</b> Bourns Inc. TRIMMER 1M OHM 0.1W J LEAD TOP	<b>TC4404CPA</b> Microchip Technology IC GATE DRVR LOW-SIDE 8DIP	<b>TC4420CAT</b> Microchip Technology IC GATE DRVR LOW-SIDE TO220-5	<b>TC4404COA</b> Microchip Technology IC GATE DRVR LOW-SIDE 8SOIC	<b>TC4420CPA</b> Microchip Technology IC GATE DRVR LOW-SIDE 8DIP
					
<b>TC4420</b> Micrel / Microchip Technology	<b>TC4420EPA</b> Microchip Technology IC GATE DRVR LOW-SIDE 8DIP	<b>TC4420EOA</b> Micrel / Microchip Technology	<b>TC4420EOA713</b> Microchip Technology IC GATE DRVR LOW-SIDE 8SOIC	<b>TC4420AVOA</b> Micrel / Microchip Technology	<b>TC431BC</b> IC

## 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

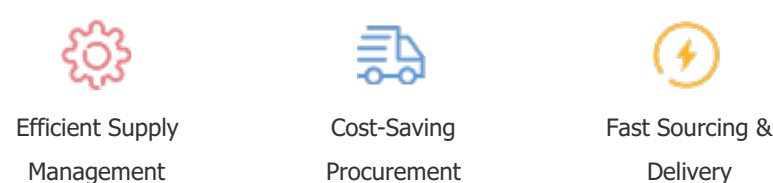
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support

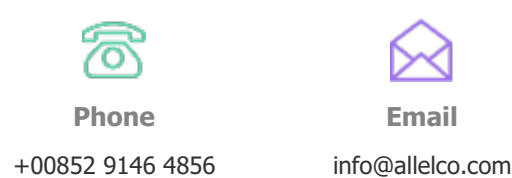
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -



Contact us if you have any questions.



### Certifications & Memberships



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