

Image may be representation.
See specifications for product details.



TC4429EPA

Manufacturer Part Number	TC4429EPA
Manufacturer	Microchip Technology
Allelco Part Number	32D-TC4429EPA
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC GATE DRVR LOW-SIDE 8DIP
Package	8-DIP (0.300', 7.62mm)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

TC4429EPA - Microchip Technology. New Original in Stock. Download Linear Technology TC4429EPA datasheet/specifications on AllelcoElec.com.
Request a quote for TC4429EPA, please send us email: info@allelco.com

Specifications

TC4429EPA Tech Specifications

TC4429EPA - Microchip Technology technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Microchip Technology	Mounting Type	Through Hole
Voltage - Supply	4.5V ~ 18V	Logic Voltage - VIL, VIH	0.8V, 2.4V
Supplier Device Package	8-PDIP	Input Type	Inverting
Series	-	Gate Type	N-Channel, P-Channel MOSFET
Rise / Fall Time (Typ)	25ns, 25ns	Driven Configuration	Low-Side
Package / Case	8-DIP (0.300', 7.62mm)	Current - Peak Output (Source, Sink)	6A, 6A
Package	Tube	Channel Type	Single
Operating Temperature	-40°C ~ 150°C (TJ)	Base Product Number	TC4429
Number of Drivers	1		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology TC4429EPA

Product Attribute				
Part Number	TC4429EPA	TC4431COA	TC4428VOA	TC4429CAT
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Logic Voltage - VIL, VIH	0.8V, 2.4V	0.8V, 2.4V	0.8V, 2.4V	0.8V, 2.4V
Input Type	Inverting	Inverting	Inverting, Non-Inverting	Inverting
Package / Case	8-DIP (0.300', 7.62mm)	8-SOIC (0.154', 3.90mm Width)	8-SOIC (0.154', 3.90mm Width)	TO-220-5
Rise / Fall Time (Typ)	25ns, 25ns	25ns, 33ns	19ns, 19ns	25ns, 25ns
Number of Drivers	1	1	2	1
Current - Peak Output (Source, Sink)	6A, 6A	1.5A, 1.5A	1.5A, 1.5A	6A, 6A
Voltage - Supply	4.5V ~ 18V	4.5V ~ 30V	4.5V ~ 18V	4.5V ~ 18V
Series	-	-	-	-
Channel Type	Single	Single	Independent	Single
Base Product Number	TC4429	TC4431	TC4428	TC4429
Driven Configuration	Low-Side	High-Side or Low-Side	Low-Side	Low-Side
Operating Temperature	-40°C ~ 150°C (TJ)	0°C ~ 150°C (TJ)	-40°C ~ 125°C (TA)	0°C ~ 150°C (TJ)
Gate Type	N-Channel, P-Channel MOSFET	N-Channel, P-Channel MOSFET	N-Channel, P-Channel MOSFET	N-Channel, P-Channel MOSFET
Package	Tube	Tube	Tube	Tube
Supplier Device Package	8-PDIP	8-SOIC	8-SOIC	TO-220-5
Mounting Type	Through Hole	Surface Mount	Surface Mount	Through Hole

TC4429EPA Datasheet PDF

Download TC4429EPA pdf datasheets and Microchip Technology documentation for TC4429EPA - Microchip Technology.

Datasheets

[Cylindrical Battery Holders.pdf](#)

PCN Packaging

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

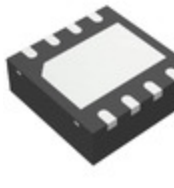
[Packing Changes 10/Oct/2016.pdf](#)

PCN Assembly/Origin

[2.73KHz.pdf](#)

Customers Also Interested in

Recommended Products

**TC4431COA**Microchip Technology
IC GATE DRVR HI/LOW SIDE 8SOIC**TC4428VOA**Microchip Technology
IC GATE DRVR LOW-SIDE 8SOIC**TC4429CAT**Microchip Technology
IC GATE DRVR LOW-SIDE TO220-5**TC4432COA**Microchip Technology
IC GATE DRVR HI/LOW SIDE 8SOIC**TC4428VPA**Microchip Technology
IC GATE DRVR LOW-SIDE 8DIP**TC4429IJA**Microchip Technology
IC GATE DRVR LOW-SIDE 8CERDIP**TC4431VOA**Microchip Technology
IC GATE DRVR HI/LOW SIDE 8SOIC**TC4429EOA**Microchip Technology
IC GATE DRVR LOW-SIDE 8SOIC**TC4431CPA**Microchip Technology
IC GATE DRV HI-SIDE/LO-SIDE 8DIP**TC4429VAT**Microchip Technology
IC GATE DRVR LOW-SIDE TO220-5**TC4429EMF**Microchip Technology
IC GATE DRVR LOW-SIDE 8DFN**TC4432CPA**Microchip Technology
IC GATE DRV HI-SIDE/LO-SIDE 8DIP**TC4428MJA**Microchip Technology
IC GATE DRVR LOW-SIDE 8CERDIP**TC4431EOA**Microchip Technology
IC GATE DRVR HI/LOW SIDE 8SOIC**TC4429EOA713**Microchip Technology
IC GATE DRVR LOW-SIDE 8SOIC**TC4429CPA**Microchip Technology
IC GATE DRVR LOW-SIDE 8DIP**TC4429MJA**Microchip Technology
IC GATE DRVR LOW-SIDE 8CERDIP**TC4431EPA**Microchip Technology
IC GATE DRV HI-SIDE/LO-SIDE 8DIP

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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