

Image may be representation.
See specifications for product details.



TC4427EPA

Manufacturer Part Number	TC4427EPA
Manufacturer	Microchip Technology
Allelco Part Number	32D-TC4427EPA
ECAD Model	Request Free CAD Models
Parts Description	IC GATE DRVR LOW-SIDE 8DIP
Package	8-DIP (0.300", 7.62mm)
Data sheet	TC442(6, 7, 8).pdf
RoHs Status	ROHS3 Compliant

Get a Quote

TC4427EPA - Microchip Technology. New Original in Stock. Download Linear Technology TC4427EPA datasheet/specifications on AllelcoElec.com.
Request a quote for TC4427EPA, please send us email: info@allelco.com

Specifications

TC4427EPA Tech Specifications

TC4427EPA - 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	Non-Inverting
Series	-	Gate Type	N-Channel, P-Channel MOSFET
Rise / Fall Time (Typ)	19ns, 19ns	Driven Configuration	Low-Side
Package / Case	8-DIP (0.300", 7.62mm)	Current - Peak Output (Source, Sink)	1.5A, 1.5A
Package	Tube	Channel Type	Independent
Operating Temperature	-40°C ~ 85°C (TA)	Base Product Number	TC4427
Number of Drivers	2		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology TC4427EPA

Product Attribute				
Part Number	TC4427EPA	TC4427AVPA	TC4427CPA	TC4427VOA713
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Gate Type	N-Channel, P-Channel MOSFET	N-Channel, P-Channel MOSFET	N-Channel, P-Channel MOSFET	N-Channel, P-Channel MOSFET
Number of Drivers	2	2	2	2
Current - Peak Output (Source, Sink)	1.5A, 1.5A	1.5A, 1.5A	1.5A, 1.5A	1.5A, 1.5A
Operating Temperature	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 125°C (TA)
Rise / Fall Time (Typ)	19ns, 19ns	25ns, 25ns	19ns, 19ns	19ns, 19ns
Channel Type	Independent	Independent	Independent	Independent
Supplier Device Package	8-PDIP	8-PDIP	8-PDIP	8-SOIC
Voltage - Supply	4.5V ~ 18V	4.5V ~ 18V	4.5V ~ 18V	4.5V ~ 18V
Package / Case	8-DIP (0.300", 7.62mm)	8-DIP (0.300", 7.62mm)	8-DIP (0.300", 7.62mm)	8-SOIC (0.154", 3.90mm Width)
Series	-	-	-	-
Driven Configuration	Low-Side	Low-Side	Low-Side	Low-Side
Package	Tube	Tube	Tube	Tape & Reel (TR)
Mounting Type	Through Hole	Through Hole	Through Hole	Surface Mount
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Logic Voltage - VIL, VIH	0.8V, 2.4V	0.8V, 2.4V	0.8V, 2.4V	0.8V, 2.4V
Base Product Number	TC4427	TC4427	TC4427	TC4427

TC4427EPA Datasheet PDF

Download TC4427EPA pdf datasheets and Microchip Technology documentation for TC4427EPA - Microchip Technology.

Datasheets

[TC442\(6, 7, 8\).pdf](#)

PCN Packaging

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

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

PCN Assembly/Origin

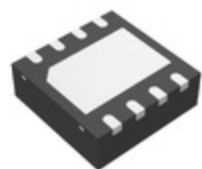
[Mult Dev 13/Apr/2020.pdf](#)

Customers Also Interested in

Recommended Products

**TC4427AVPA**Microchip Technology
IC GATE DRVR LOW-SIDE 8DIP**TC4427C**

Micron Technology

**TC4427CPA**Microchip Technology
IC GATE DRVR LOW-SIDE 8DIP**TC4427VOA713**Microchip Technology
IC GATE DRVR LOW-SIDE 8SOIC**TC4427COA713**Microchip Technology
IC GATE DRVR LOW-SIDE 8SOIC**TC4427MJA**Microchip Technology
IC GATE DRVR LOW-SIDE 8CERDIP**TC4427VMF**Microchip Technology
IC GATE DRVR LOW-SIDE 8DFN**TC4427EUA**Microchip Technology
IC GATE DRVR LOW-SIDE 8MSOP**TC4427EUA713**Microchip Technology
IC GATE DRVR LOW-SIDE 8MSOP**TC4427VOA**Microchip Technology
IC GATE DRVR LOW-SIDE 8SOIC**TC4427AVUA**Microchip Technology
IC GATE DRVR LOW-SIDE 8MSOP**TC4428ACPA**Microchip Technology
IC GATE DRVR LOW-SIDE 8DIP**TC4428ACOA**Microchip Technology
IC GATE DRVR LOW-SIDE 8SOIC**TC4427EOA**Microchip Technology
IC GATE DRVR LOW-SIDE 8SOIC**TC4427VUA**Microchip Technology
IC GATE DRVR LOW-SIDE 8MSOP**TC4428ACOA713**Microchip Technology
IC GATE DRVR LOW-SIDE 8SOIC**TC4427EOA713**Microchip Technology
IC GATE DRVR LOW-SIDE 8SOIC**TC4427COA**Microchip Technology
IC GATE DRVR LOW-SIDE 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

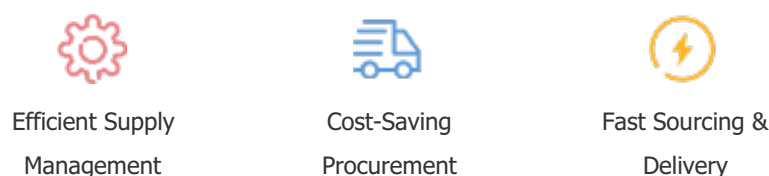
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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 -



Contact us if you have any questions.



Certifications & Memberships



[View More](#)

Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong

Phone: +00852 9146 4856

Fax: +00852 3010 8510

Email: info@Allelco.com