

Image may be representation.
See specifications for product details.



TC4426VOA

Manufacturer Part Number	TC4426VOA
Manufacturer	Microchip Technology
Allelco Part Number	32D-TC4426VOA
ECAD Model	Request Free CAD Models
Parts Description	IC GATE DRVR LOW-SIDE 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	TC442(6, 7, 8).pdf
RoHs Status	ROHS3 Compliant

Get a Quote

TC4426VOA - Microchip Technology. New Original in Stock. Download Linear Technology TC4426VOA datasheet/specifications on AllelcoElec.com. Request a quote for TC4426VOA, please send us email: info@allelco.com

Specifications

TC4426VOA Tech Specifications

TC4426VOA - 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	Inverting
Series	-	Gate Type	N-Channel, P-Channel MOSFET
Rise / Fall Time (Typ)	19ns, 19ns	Driven Configuration	Low-Side
Package / Case	8-SOIC (0.154", 3.90mm Width)	Current - Peak Output (Source, Sink)	1.5A, 1.5A
Package	Tube	Channel Type	Independent
Operating Temperature	-40°C ~ 125°C (TA)	Base Product Number	TC4426
Number of Drivers	2		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology TC4426VOA

Product Attribute				
Part Number	TC4426VOA	TC4426CPA	TC4427ACPA	TC4426COA
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Driven Configuration	Low-Side	Low-Side	Low-Side	Low-Side
Current - Peak Output (Source, Sink)	1.5A, 1.5A	1.5A, 1.5A	1.5A, 1.5A	1.5A, 1.5A
Channel Type	Independent	Independent	Independent	Independent
Operating Temperature	-40°C ~ 125°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)	0°C ~ 70°C (TA)
Gate Type	N-Channel, P-Channel MOSFET	N-Channel, P-Channel MOSFET	N-Channel, P-Channel MOSFET	N-Channel, P-Channel MOSFET
Rise / Fall Time (Typ)	19ns, 19ns	19ns, 19ns	25ns, 25ns	19ns, 19ns
Input Type	Inverting	Inverting	Non-Inverting	Inverting
Voltage - Supply	4.5V ~ 18V	4.5V ~ 18V	4.5V ~ 18V	4.5V ~ 18V
Logic Voltage - VIL, VIH	0.8V, 2.4V	0.8V, 2.4V	0.8V, 2.4V	0.8V, 2.4V
Number of Drivers	2	2	2	2
Base Product Number	TC4426	TC4426	TC4427	TC4426
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-DIP (0.300", 7.62mm)	8-DIP (0.300", 7.62mm)	8-SOIC (0.154", 3.90mm Width)
Series	-	-	-	-
Mounting Type	Surface Mount	Through Hole	Through Hole	Surface Mount
Supplier Device Package	8-SOIC	8-PDIP	8-PDIP	8-SOIC
Package	Tube	Tube	Tube	Tube

TC4426VOA Datasheet PDF

Download TC4426VOA pdf datasheets and Microchip Technology documentation for TC4426VOA - 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 Design/Specification



















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

PCN Assembly/Origin

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

Customers Also Interested in

Recommended Products

					
TC4426CPA Microchip Technology IC GATE DRVR LOW-SIDE 8DIP	TC4426E0A Micrel / Microchip Technology	TC4427ACPA Microchip Technology IC GATE DRVR LOW-SIDE 8DIP	TC4426COA Microchip Technology IC GATE DRVR LOW-SIDE 8SOIC	TC4426EPA Microchip Technology IC GATE DRVR LOW-SIDE 8DIP	TC4426COA713CAA Micrel / Microchip Technology
					
TC4426E0A713 Microchip Technology IC GATE DRVR LOW-SIDE 8SOIC	TC4426EUA Microchip Technology IC GATE DRVR LOW-SIDE 8MSOP	TC4427AE Micrel / Microchip Technology	TC4427ACUA Micrel / Microchip Technology	TC4426E0A Microchip Technology IC GATE DRVR LOW-SIDE 8SOIC	TC4427 TC
					
TC4426MJA Microchip Technology IC GATE DRVR LOW-SIDE 8CERDIP	TC4427AE0A713 Microchip Technology IC GATE DRVR LOW-SIDE 8SOIC	TC4427ACOA Microchip Technology IC GATE DRVR LOW-SIDE 8SOIC	TC4427AE0A Microchip Technology IC GATE DRVR LOW-SIDE 8SOIC	TC4427ACOA713 Microchip Technology IC GATE DRVR LOW-SIDE 8SOIC	TC4427AEPA Microchip Technology IC GATE DRVR LOW-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.

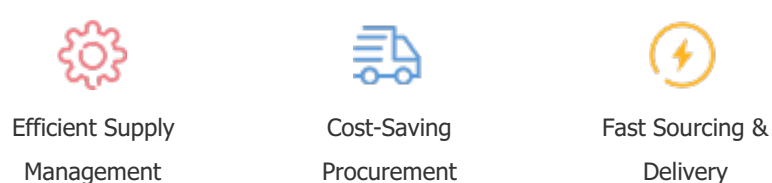
Payment Support

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

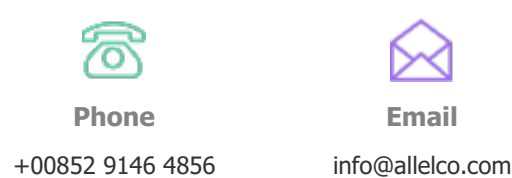
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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