

Image may be representation.
See specifications for product details.



TC4426AVOA

Manufacturer Part Number	TC4426AVOA
Manufacturer	Microchip Technology
Allelco Part Number	32D-TC4426AVOA
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	Analog and Interface Product Guide.pdf TC4426A-28A.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

TC4426AVOA - Microchip Technology. New Original in Stock. Download Linear Technology TC4426AVOA datasheet/specifications on AllelcoElec.com.
Request a quote for TC4426AVOA, please send us email: info@allelco.com

Specifications

TC4426AVOA Tech Specifications

TC4426AVOA - 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)	25ns, 25ns	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 TC4426AVOA

Product Attribute				
Part Number	TC4426AVOA	TC4426COA	TC4426EPA	TC4426AVPA
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Channel Type	Independent	Independent	Independent	Independent
Series	-	-	-	-
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
Logic Voltage - VIL, VIH	0.8V, 2.4V	0.8V, 2.4V	0.8V, 2.4V	0.8V, 2.4V
Operating Temperature	-40°C ~ 125°C (TA)	0°C ~ 70°C (TA)	-40°C ~ 85°C (TA)	-40°C ~ 125°C (TA)
Gate Type	N-Channel, P-Channel MOSFET	N-Channel, P-Channel MOSFET	N-Channel, P-Channel MOSFET	N-Channel, P-Channel MOSFET
Driven Configuration	Low-Side	Low-Side	Low-Side	Low-Side
Base Product Number	TC4426	TC4426	TC4426	TC4426
Supplier Device Package	8-SOIC	8-SOIC	8-PDIP	8-PDIP
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-DIP (0.300", 7.62mm)	8-DIP (0.300", 7.62mm)
Rise / Fall Time (Typ)	25ns, 25ns	19ns, 19ns	19ns, 19ns	25ns, 25ns
Voltage - Supply	4.5V ~ 18V	4.5V ~ 18V	4.5V ~ 18V	4.5V ~ 18V
Mounting Type	Surface Mount	Surface Mount	Through Hole	Through Hole
Input Type	Inverting	Inverting	Inverting	Inverting
Package	Tube	Tube	Tube	Tube

TC4426AVOA Datasheet PDF

Download TC4426AVOA pdf datasheets and Microchip Technology documentation for TC4426AVOA - Microchip Technology.

Datasheets

Analog and Interface Product Guide.pdf	TC4426A-28A.pdf
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PCN Packaging


Label and Packing Changes 23/Sep/2015.pdf	Packing Changes 10/Oct/2016.pdf
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Other Related Documents

Development Tools Catalog.pdf

PCN Design/Specification

TC4426A/27A/28A 4/Nov/2022.pdf	PdCu Bond Wire Update 21/Sep/2015.pdf
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 Manufacturing Change 09/Feb/2021.pdf

Customers Also Interested in

Recommended Products



TC4426COA

Microchip Technology
IC GATE DRVR LOW-SIDE 8SOIC



TC4426EPA

Microchip Technology
IC GATE DRVR LOW-SIDE 8DIP



NO PICTURE

TC4426

MIC



TC4426AVPA

Microchip Technology
IC GATE DRVR LOW-SIDE 8DIP



TC4426CPA

Microchip Technology
IC GATE DRVR LOW-SIDE 8DIP



TC4426EOA

Microchip Technology
IC GATE DRVR LOW-SIDE 8SOIC



TC4426EOA713

Microchip Technology
IC GATE DRVR LOW-SIDE 8SOIC



TC4426AEP

Microchip Technology
IC GATE DRVR LOW-SIDE 8DIP



TC4425VPA

Microchip Technology
IC GATE DRVR LOW-SIDE 8DIP



TC4426ACOA

Microchip Technology
IC GATE DRVR LOW-SIDE 8SOIC



TC4426ACPA

Microchip Technology
IC GATE DRVR LOW-SIDE 8DIP



TC4426AEOA

Microchip Technology
IC GATE DRVR LOW-SIDE 8SOIC



TC4426C0A

TC



TC4425EPA

Microchip Technology
IC GATE DRVR LOW-SIDE 8DIP



TC4426C0A713CAA

Micrel / Microchip Technology



TC4426AEOA713

Microchip Technology
IC GATE DRVR LOW-SIDE 8SOIC



TC4426AMJA

Microchip Technology
IC GATE DRVR LOW-SIDE 8CERDIP



TC4426ACOA713

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 -



Efficient Supply
Management



Cost-Saving
Procurement



Fast Sourcing &
Delivery

Contact us if you have any questions.



Phone

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Email

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Certifications & Memberships



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