

Image may be representation.
See specifications for product details.



TC4424AVPA

Manufacturer Part Number	TC4424AVPA
Manufacturer	Microchip Technology
Allelco Part Number	32D-TC4424AVPA
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC GATE DRVR LOW-SIDE 8DIP
Package	8-DIP (0.300", 7.62mm)
Data sheet	Analog and Interface Product Guide.pdf TC4423A-25A.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

TC4424AVPA - Microchip Technology. New Original in Stock. Download Linear Technology TC4424AVPA datasheet/specifications on AllelcoElec.com.
Request a quote for TC4424AVPA, please send us email: info@allelco.com

Specifications

TC4424AVPA Tech Specifications

TC4424AVPA - 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)	12ns, 12ns	Driven Configuration	Low-Side
Package / Case	8-DIP (0.300", 7.62mm)	Current - Peak Output (Source, Sink)	4.5A, 4.5A
Package	Tube	Channel Type	Independent
Operating Temperature	-40°C ~ 150°C (TJ)	Base Product Number	TC4424
Number of Drivers	2		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology TC4424AVPA

Product Attribute				
Part Number	TC4424AVPA	TC4424EPA	TC4424COE713	TC4424VMF
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Channel Type	Independent	Independent	Independent	Independent
Logic Voltage - VIL, VIH	0.8V, 2.4V	0.8V, 2.4V	0.8V, 2.4V	0.8V, 2.4V
Series	-	-	-	-
Number of Drivers	2	2	2	2
Base Product Number	TC4424	TC4424	TC4424	TC4424
Supplier Device Package	8-PDIP	8-PDIP	16-SOIC	8-DFN-S (6x5)
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	0°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Driven Configuration	Low-Side	Low-Side	Low-Side	Low-Side
Mounting Type	Through Hole	Through Hole	Surface Mount	Surface Mount
Package / Case	8-DIP (0.300", 7.62mm)	8-DIP (0.300", 7.62mm)	16-SOIC (0.295", 7.50mm Width)	8-VDFN Exposed Pad
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Rise / Fall Time (Typ)	12ns, 12ns	23ns, 25ns	23ns, 25ns	23ns, 25ns
Current - Peak Output (Source, Sink)	4.5A, 4.5A	3A, 3A	3A, 3A	3A, 3A
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	Tape & Reel (TR)	Tube
Voltage - Supply	4.5V ~ 18V	4.5V ~ 18V	4.5V ~ 18V	4.5V ~ 18V

TC4424AVPA Datasheet PDF

Download TC4424AVPA pdf datasheets and Microchip Technology documentation for TC4424AVPA - Microchip Technology.

Datasheets

Analog and Interface Product Guide.pdf	TC4423A-25A.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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PCN Assembly/Origin

Mult Dev 13/Apr/2020.pdf
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Recommended Products



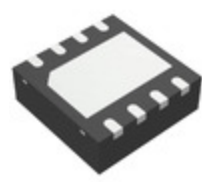
TC4424EPA

Microchip Technology
IC GATE DRVR LOW-SIDE 8DIP



TC4424COE713

Microchip Technology
IC GATE DRVR LOW-SIDE 16SOIC



TC4424VMF

Microchip Technology
IC GATE DRVR LOW-SIDE 8DFN



TC4424COE

Microchip Technology
IC GATE DRVR LOW-SIDE 16SOIC



TC4424AVOA

Microchip Technology
IC GATE DRVR LOW-SIDE 8SOIC



TC4423AVOE713

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TC4423COE713

Microchip Technology
IC GATE DRVR LOW-SIDE 16SOIC



TC4423VPA

Microchip Technology
IC GATE DRVR LOW-SIDE 8DIP



TC4423CPA

Microchip Technology
IC GATE DRVR LOW-SIDE 8DIP



TC4424AVOA713

Microchip Technology
IC GATE DRVR LOW-SIDE 8SOIC



TC4425AVOA713

Microchip Technology
IC GATE DRVR LOW-SIDE 8SOIC



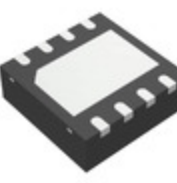
TC4423EPA

Microchip Technology
IC GATE DRVR LOW-SIDE 8DIP



TC4424EOE

Microchip Technology
IC GATE DRVR LOW-SIDE 16SOIC



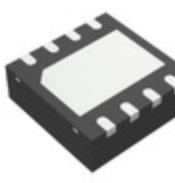
TC4425AVMF

Microchip Technology
IC GATE DRVR LOW-SIDE 8DFN



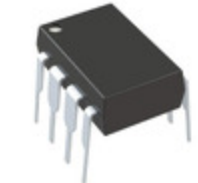
TC4425AVOA

Microchip Technology
IC GATE DRVR LOW-SIDE 8SOIC



TC4424AVMF

Microchip Technology
IC GATE DRVR LOW-SIDE 8DFN



TC4424CPA

Microchip Technology
IC GATE DRVR LOW-SIDE 8DIP



TC4424VPA

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 -



Efficient Supply
Management



Cost-Saving
Procurement



Fast Sourcing &
Delivery

Contact us if you have any questions.



Phone
+00852 9146 4856



Email
info@allelco.com

Certifications & Memberships



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