

Image may be representation.
See specifications for product details.



TC4425AVOA713

Manufacturer Part Number	TC4425AVOA713
Manufacturer	Microchip Technology
Allelco Part Number	32D-TC4425AVOA713
ECAD Model	Request Free CAD Models
Parts Description	IC GATE DRVR LOW-SIDE 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	Analog and Interface Product Guide.pdf TC4423A-25A.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

TC4425AVOA713 - Microchip Technology. New Original in Stock. Download Linear Technology TC4425AVOA713 datasheet/specifications on AllelcoElec.com.
Request a quote for TC4425AVOA713, please send us email: info@allelco.com

Specifications

TC4425AVOA713 Tech Specifications

TC4425AVOA713 - 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, Non-Inverting
Series	-	Gate Type	N-Channel, P-Channel MOSFET
Rise / Fall Time (Typ)	12ns, 12ns	Driven Configuration	Low-Side
Package / Case	8-SOIC (0.154", 3.90mm Width)	Current - Peak Output (Source, Sink)	4.5A, 4.5A
Package	Tape & Reel (TR)	Channel Type	Independent
Operating Temperature	-40°C ~ 150°C (TJ)	Base Product Number	TC4425
Number of Drivers	2		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology TC4425AVOA713

Product Attribute				
Part Number	TC4425AVOA713	TC4424COE713	TC4424VPA	TC4424EOE
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Package / Case	8-SOIC (0.154", 3.90mm Width)	16-SOIC (0.295", 7.50mm Width)	8-DIP (0.300", 7.62mm)	16-SOIC (0.295", 7.50mm Width)
Logic Voltage - VIL, VIH	0.8V, 2.4V	0.8V, 2.4V	0.8V, 2.4V	0.8V, 2.4V
Channel Type	Independent	Independent	Independent	Independent
Number of Drivers	2	2	2	2
Gate Type	N-Channel, P-Channel MOSFET	N-Channel, P-Channel MOSFET	N-Channel, P-Channel MOSFET	N-Channel, P-Channel MOSFET
Current - Peak Output (Source, Sink)	4.5A, 4.5A	3A, 3A	3A, 3A	3A, 3A
Operating Temperature	-40°C ~ 150°C (TJ)	0°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Driven Configuration	Low-Side	Low-Side	Low-Side	Low-Side
Rise / Fall Time (Typ)	12ns, 12ns	23ns, 25ns	23ns, 25ns	23ns, 25ns
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tube
Voltage - Supply	4.5V ~ 18V	4.5V ~ 18V	4.5V ~ 18V	4.5V ~ 18V
Supplier Device Package	8-SOIC	16-SOIC	8-PDIP	16-SOIC
Series	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Through Hole	Surface Mount
Base Product Number	TC4425	TC4424	TC4424	TC4424
Input Type	Inverting, Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting

TC4425AVOA713 Datasheet PDF

Download TC4425AVOA713 pdf datasheets and Microchip Technology documentation for TC4425AVOA713 - 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 Design/Specification

Die Epoxy Material Chg 6/Jun/2016.pdf

Customers Also Interested in

Recommended Products



TC4424COE713

Microchip Technology
IC GATE DRVR LOW-SIDE 16SOIC



TC4424VPA

Microchip Technology
IC GATE DRVR LOW-SIDE 8DIP



TC4424EOE

Microchip Technology
IC GATE DRVR LOW-SIDE 16SOIC



TC4425COE

Microchip Technology
IC GATE DRVR LOW-SIDE 16SOIC



TC4426AEOA

Microchip Technology
IC GATE DRVR LOW-SIDE 8SOIC



TC4424EPA

Microchip Technology
IC GATE DRVR LOW-SIDE 8DIP



TC4426ACOA

Microchip Technology
IC GATE DRVR LOW-SIDE 8SOIC



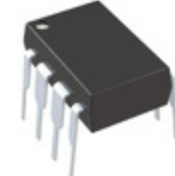
TC4425CPA

Microchip Technology
IC GATE DRVR LOW-SIDE 8DIP



TC4424CPA

Microchip Technology
IC GATE DRVR LOW-SIDE 8DIP



TC4426ACPA

Microchip Technology
IC GATE DRVR LOW-SIDE 8DIP



TC4425AVPA

Microchip Technology
IC GATE DRVR LOW-SIDE 8DIP



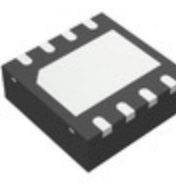
TC4424COE

Microchip Technology
IC GATE DRVR LOW-SIDE 16SOIC



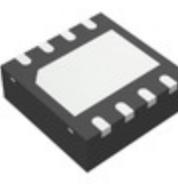
TC4424AVPA

Microchip Technology
IC GATE DRVR LOW-SIDE 8DIP



TC4424VMF

Microchip Technology
IC GATE DRVR LOW-SIDE 8DFN



TC4425AVMF

Microchip Technology
IC GATE DRVR LOW-SIDE 8DFN



TC4425VPA

Microchip Technology
IC GATE DRVR LOW-SIDE 8DIP



TC4425AVOA

Microchip Technology
IC GATE DRVR LOW-SIDE 8SOIC



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
+00852 9146 4856



Email
info@allelco.com

Certifications & Memberships



View More



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