

Image may be representation.
See specifications for product details.



TC1413NCOA

Manufacturer Part Number	TC1413NCOA
Manufacturer	Microchip Technology
Allelco Part Number	32D-TC1413NCOA
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
	TC1413(N).pdf
RoHs Status	ROHS3 Compliant

Get a Quote

TC1413NCOA - Microchip Technology. New Original in Stock. Download Linear Technology TC1413NCOA datasheet/specifications on AllelcoElec.com.
Request a quote for TC1413NCOA, please send us email: info@allelco.com

Specifications

TC1413NCOA Tech Specifications

TC1413NCOA - 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 ~ 16V	Logic Voltage - VIL, VIH	0.8V, 2V
Supplier Device Package	8-SOIC	Input Type	Non-Inverting
Series	-	Gate Type	N-Channel, P-Channel MOSFET
Rise / Fall Time (Typ)	20ns, 20ns	Driven Configuration	Low-Side
Package / Case	8-SOIC (0.154", 3.90mm Width)	Current - Peak Output (Source, Sink)	3A, 3A
Package	Tube	Channel Type	Single
Operating Temperature	0°C ~ 150°C (TJ)	Base Product Number	TC1413
Number of Drivers	1		

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology TC1413NCOA

Product Attribute				
Part Number	TC1413NCOA	TC1412NEPA	TC1413COA	TC1426COA713
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Voltage - Supply	4.5V ~ 16V	4.5V ~ 16V	4.5V ~ 16V	4.5V ~ 16V
Driven Configuration	Low-Side	Low-Side	Low-Side	Low-Side
Series	-	-	-	-
Channel Type	Single	Single	Single	Independent
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)	20ns, 20ns	18ns, 18ns	20ns, 20ns	35ns, 25ns
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-DIP (0.300", 7.62mm)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package	8-SOIC	8-PDIP	8-SOIC	8-SOIC
Current - Peak Output (Source, Sink)	3A, 3A	2A, 2A	3A, 3A	1.2A, 1.2A
Input Type	Non-Inverting	Non-Inverting	Inverting	Inverting
Package	Tube	Tube	Tube	Tape & Reel (TR)
Operating Temperature	0°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	0°C ~ 150°C (TJ)	0°C ~ 70°C (TA)
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Base Product Number	TC1413	TC1412	TC1413	TC1426
Logic Voltage - VIL, VIH	0.8V, 2V	0.8V, 2V	0.8V, 2V	0.8V, 3V
Number of Drivers	1	1	1	2

TC1413NCOA Datasheet PDF

Download TC1413NCOA pdf datasheets and Microchip Technology documentation for TC1413NCOA - Microchip Technology.

Datasheets

[Analog and Interface Product Guide.pdf](#)

[TC1413\(N\).pdf](#)

PCN Packaging

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

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


Other Related Documents

[Development Tools Catalog.pdf](#)

PCN Design/Specification















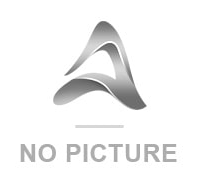


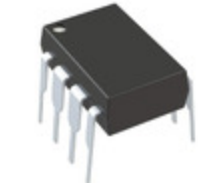
[Die Attach Epoxy Update 21/Sep/2015.pdf](#)

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

 Manufacturing Change 09/Feb/2021.pdf

Customers Also Interested in

Recommended Products

 TC1412NEPA Microchip Technology IC GATE DRVR LOW-SIDE 8DIP	 TC1413COA Microchip Technology IC GATE DRVR LOW-SIDE 8SOIC	 TC1426COA713 Microchip Technology IC GATE DRVR LOW-SIDE 8SOIC	 TC1426COA Microchip Technology IC GATE DRVR LOW-SIDE 8SOIC	 TC1412NCOA Microchip Technology IC GATE DRVR LOW-SIDE 8SOIC	 TC1412NEOA713 Microchip Technology IC GATE DRVR LOW-SIDE 8SOIC
 TC1413EUA Microchip Technology IC GATE DRVR LOW-SIDE 8MSOP	 TC1413NEPA Microchip Technology IC GATE DRVR LOW-SIDE 8DIP	 TC1426COA713 TELCOM	 TC1426CPA Microchip Technology IC GATE DRVR LOW-SIDE 8DIP	 TC1413NEOA Microchip Technology IC GATE DRVR LOW-SIDE 8SOIC	 TC1413NCPA Microchip Technology IC GATE DRVR LOW-SIDE 8DIP
 TC1413EOA Microchip Technology IC GATE DRVR LOW-SIDE 8SOIC	 TC1412NEOA Microchip Technology IC GATE DRVR LOW-SIDE 8SOIC	 TC1413 NEOA TelCom	 TC1412NCPA Microchip Technology IC GATE DRVR LOW-SIDE 8DIP	 TC1413NCOA713 Microchip Technology IC GATE DRVR LOW-SIDE 8SOIC	 TC1413EPA 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
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Contact us if you have any questions.

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Certifications & Memberships



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Contact us

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