

Image may be representation.
See specifications for product details.



TC1413NCOA713

Manufacturer Part Number	TC1413NCOA713
Manufacturer	Microchip Technology
Allelco Part Number	32D-TC1413NCOA713
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

TC1413NCOA713 - Microchip Technology.New Original in Stock. Download Linear Technology TC1413NCOA713 datasheet/specifications on AllelcoElec.com.
Request a quote for TC1413NCOA713, please send us email: info@allelco.com

Specifications

TC1413NCOA713 Tech Specifications

TC1413NCOA713 - 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	Tape & Reel (TR)	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 TC1413NCOA713

Product Attribute				
Part Number	TC1413NCOA713	TC1412NEOA713	TC1413EOA	TC1413NCPA
Manufacturer	Microchip Technology	Microchip Technology	Microchip Technology	Microchip Technology
Current - Peak Output (Source, Sink)	3A, 3A	2A, 2A	3A, 3A	3A, 3A
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Through Hole
Gate Type	N-Channel, P-Channel MOSFET	N-Channel, P-Channel MOSFET	N-Channel, P-Channel MOSFET	N-Channel, P-Channel MOSFET
Series	-	-	-	-
Channel Type	Single	Single	Single	Single
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tube
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	8-PDIP
Voltage - Supply	4.5V ~ 16V	4.5V ~ 16V	4.5V ~ 16V	4.5V ~ 16V
Rise / Fall Time (Typ)	20ns, 20ns	18ns, 18ns	20ns, 20ns	20ns, 20ns
Package / Case	8-SOIC (0.154', 3.90mm Width)	8-SOIC (0.154', 3.90mm Width)	8-SOIC (0.154', 3.90mm Width)	8-DIP (0.300', 7.62mm)
Operating Temperature	0°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	0°C ~ 150°C (TJ)
Number of Drivers	1	1	1	1
Logic Voltage - VIL, VIH	0.8V, 2V	0.8V, 2V	0.8V, 2V	0.8V, 2V
Input Type	Non-Inverting	Non-Inverting	Inverting	Non-Inverting
Base Product Number	TC1413	TC1412	TC1413	TC1413
Driven Configuration	Low-Side	Low-Side	Low-Side	Low-Side

TC1413NCOA713 Datasheet PDF

Download TC1413NCOA713 pdf datasheets and Microchip Technology documentation for TC1413NCOA713 - Microchip Technology.

Datasheets

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

PCN Packaging

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

[Reel Design Update 07/May/2015.pdf](#)


Other Related Documents


[Cylindrical Battery Holders.pdf](#)

PCN Assembly/Origin

[2.73KHz.pdf](#)

PCN Design/Specification

 PdCu Bond Wire Update 21/Sep/2015.pdf

 Die Attach Epoxy Update 21/Sep/2015.pdf

HTML Datasheet

 TC1413(N).pdf

Customers Also Interested in

Recommended Products



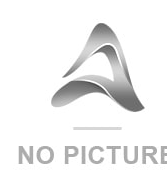
TC1412NEOA713

Microchip Technology
IC GATE DRVR LOW-SIDE 8SOIC



TC1413EOA

Microchip Technology
IC GATE DRVR LOW-SIDE 8SOIC



TC1426COA713

TELCOM



TC1413NCPA

Microchip Technology
IC GATE DRVR LOW-SIDE 8DIP



TC1426COA

Microchip Technology
IC GATE DRVR LOW-SIDE 8SOIC



TC1413NEOA

Microchip Technology
IC GATE DRVR LOW-SIDE 8SOIC



TC1413 NEOA

TelCom



TC1413NEPA

Microchip Technology
IC GATE DRVR LOW-SIDE 8DIP



TC1412NEOA

Microchip Technology
IC GATE DRVR LOW-SIDE 8SOIC



TC1426CPA

Microchip Technology
IC GATE DRVR LOW-SIDE 8DIP



TC1413NCOA

Microchip Technology
IC GATE DRVR LOW-SIDE 8SOIC



TC1426COA713

Microchip Technology
IC GATE DRVR LOW-SIDE 8SOIC



TC1412NCPA

Microchip Technology
IC GATE DRVR LOW-SIDE 8DIP



TC1413COA

Microchip Technology
IC GATE DRVR LOW-SIDE 8SOIC



TC1412NEPA

Microchip Technology
IC GATE DRVR LOW-SIDE 8DIP



TC1413EPA

Microchip Technology
IC GATE DRVR LOW-SIDE 8DIP



TC1427COA

Microchip Technology
IC GATE DRVR LOW-SIDE 8SOIC



TC1413EUA

Microchip Technology
IC GATE DRVR LOW-SIDE 8MSOP

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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