

Image may be representation.
See specifications for product details.



NCV8408BDTRKG

Manufacturer Part Number	NCV8408BDTRKG
Manufacturer	onsemi
Allelco Part Number	32D-NCV8408BDTRKG
ECAD Model	Request Free CAD Models
Parts Description	IC PWR DRIVER N-CHANNEL 1:1 DPAK
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Data sheet	NCV8408.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NCV8408BDTRKG - onsemi.New Original in Stock. Download Linear Technology NCV8408BDTRKG datasheet/specifications on AllelcoElec.com.
Request a quote for NCV8408BDTRKG, please send us email: info@allelco.com

Specifications

NCV8408BDTRKG Tech Specifications
NCV8408BDTRKG - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output Configuration	Low Side
Voltage - Supply (Vcc/Vdd)	Not Required	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Load	42V (Max)	Number of Outputs	1
Switch Type	General Purpose	Mounting Type	Surface Mount
Supplier Device Package	DPAK	Interface	On/Off
Series	Automotive, AEC-Q100	Input Type	-
Rds On (Typ)	55mOhm	Features	-
Ratio - Input:Output	1:1	Fault Protection	Open Load Detect, Over Temperature, Over Voltage
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	Current - Output (Max)	10A
Package	Tape & Reel (TR)	Base Product Number	NCV8408
Output Type	N-Channel		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCV8408BDTRKG

Product Attribute				
Part Number	NCV8408BDTRKG	NCV8412ASTT1G	NCV8406ASTT3G	NCV8411DTRKG
Manufacturer	onsemi	onsemi	onsemi	onsemi
Voltage - Load	42V (Max)	42V	60V (Max)	42V (Max)
Output Configuration	Low Side	Low Side	Low Side	Low Side
Switch Type	General Purpose	General Purpose	General Purpose	General Purpose
Supplier Device Package	DPAK	SOT-223 (TO-261)	SOT-223 (TO-261)	DPAK
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	Not Required
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	TO-261-4, TO-261AA	TO-261-4, TO-261AA	TO-252-3, DPak (2 Leads + Tab), SC-63
Output Type	N-Channel	N-Channel	N-Channel	N-Channel
Features	-	-	Auto Restart	-
Fault Protection	Open Load Detect, Over Temperature, Over Voltage	Current Limiting (Fixed), Over Temperature, Over Voltage	Current Limiting (Fixed), Over Temperature, Over Voltage	Current Limiting (Fixed), Over Temperature, Over Voltage
Interface	On/Off	On/Off	On/Off	On/Off
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Rds On (Typ)	55mOhm	145mOhm	185mOhm	23mOhm
Current - Output (Max)	10A	5.9A	7A	45A
Ratio - Input:Output	1:1	1:1	1:1	1:1
Base Product Number	NCV8408	NCV8412	NCV8406	NCV8411
Number of Outputs	1	1	1	1
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Series	Automotive, AEC-Q100	Automotive, AEC-Q101	Automotive, AEC-Q100	Automotive, AEC-Q101
Input Type	-	Non-Inverting	Non-Inverting	CMOS

NCV8408BDTRKG Datasheet PDF

Download NCV8408BDTRKG pdf datasheets and onsemi documentation for NCV8408BDTRKG - onsemi.

Datasheets

[NCV8408.pdf](#)

Environmental Information



















[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

[Material Declaration NCV8408BDTRKG.pdf](#)

Customers Also Interested in

Recommended Products

 NCV8412ASTT1G onsemi SELF-PROTECTED LOW SIDE DRIVER W	 NCV8405STT1G MOS AMI Semiconductor/onsemi	 NCV8406ASTT3G onsemi IC PWR DRIVER N-CHAN 1:1 SOT223	 NCV8405DTRKG AMI Semiconductor/onsemi	 NCV8411DTRKG onsemi IC PWR DRIVER N-CHANNEL 1:1 DPAK	 NCV8405STT1G onsemi IC PWR DRIVER N-CHAN 1:1 SOT223
 NCV8412ASTT3G onsemi SELF-PROTECTED LOW SIDE DRIVER W	 NCV8406ADTRKG onsemi IC PWR DRIVER N-CHANNEL 1:1 DPAK	 NCV8405STT3G onsemi IC PWR DRIVER N-CHAN 1:1 SOT223	 NCV8440ASTT3G onsemi MOSFET N-CH 59V 2.6A SOT223	 NCV8406DTRKG onsemi IC PWR DRIVER N-CHANNEL 1:1 DPAK	 NCV8406ASTT1G onsemi IC PWR DRIVER N-CHAN 1:1 SOT223
 NCV8412ADDR2G onsemi SELF-PROTECTED LOW SIDE DRIVER W	 NCV84140DR2G onsemi SELF-PROTECTED FET	 NCV84160DR2G onsemi IC PWR DRIVER N-CHAN 1:1 8SOIC	 NCV8440ASTT1G onsemi MOSFET N-CH 59V 2.6A SOT223	 NCV8406BDTRKG onsemi IC PWR DRIVER N-CHANNEL 1:1 DPAK	 NCV8408DTRKG onsemi IC PWR DRIVER N-CHANNEL 1:1 DPAK

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

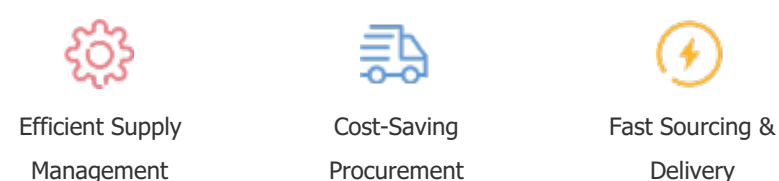
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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 -



Contact us if you have any questions.



Certifications & Memberships



[View More](#)