



Image may be representation.
See specifications for product details.



NCV8401BDTRKG

Manufacturer Part Number	NCV8401BDTRKG
Manufacturer	onsemi
Allelco Part Number	32D-NCV8401BDTRKG
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC PWR DRIVER N-CHANNEL 1:1 DPAK
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Data sheet	NCV8401(A).pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NCV8401BDTRKG - onsemi.New Original in Stock. Download Linear Technology NCV8401BDTRKG datasheet/specifications on AllelcoElec.com.
Request a quote for NCV8401BDTRKG, please send us email: info@allelco.com

Specifications

NCV8401BDTRKG Tech Specifications
NCV8401BDTRKG - 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	Non-Inverting
Rds On (Typ)	23mOhm	Features	-
Ratio - Input:Output	1:1	Fault Protection	Current Limiting (Fixed), Over Temperature, Over Voltage
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	Current - Output (Max)	30A
Package	Tape & Reel (TR)	Base Product Number	NCV8401
Output Type	N-Channel		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCV8401BDTRKG

Product Attribute				
Part Number	NCV8401BDTRKG	NCV8402AMNWT1G	NCV8402ASTT1G	NCV8402STT3G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Supplier Device Package	DPAK	6-DFN (3x3.3)	SOT-223 (TO-261)	SOT-223 (TO-261)
Fault Protection	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	-
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63	6-VDFN Exposed Pad	TO-261-4, TO-261AA	TO-261-4, TO-261AA
Base Product Number	NCV8401	NCV8402	NCV8402	NCV8402
Switch Type	General Purpose	General Purpose	General Purpose	-
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q101
Voltage - Supply (Vcc/Vdd)	Not Required	Not Required	Not Required	-
Output Configuration	Low Side	Low Side	Low Side	Low Side
Current - Output (Max)	30A	2A	2A	2A
Features	-	Auto Restart	Auto Restart	-
Voltage - Load	42V (Max)	42V (Max)	42V (Max)	-
Number of Outputs	1	1	1	1
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Rds On (Typ)	23mOhm	165mOhm	165mOhm	165mOhm
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Cut Tape (CT)
Ratio - Input:Output	1:1	1:1	1:1	-
Output Type	N-Channel	N-Channel	N-Channel	-

NCV8401BDTRKG Datasheet PDF

Download NCV8401BDTRKG pdf datasheets and onsemi documentation for NCV8401BDTRKG - onsemi.

Environmental Information

onsemi RoHS.pdf

Material Declaration NCV8401BDTRKG.pdf

HTML Datasheet

NCV8401(A).pdf



NCV84xx 17/Mar/2023.pdf

Customers Also Interested in

Recommended Products

NCV8402AMNWT1G onsemi IC PWR DRIVER N-CHAN 1:1 6DFN	NCV8402ASTT1G onsemi IC PWR DRIVER N-CHAN 1:1 SOT223	NCV8187AMT330TAG onsemi IC REG LINEAR 3.3V 1.2A 6WDFN	NCV8402STT3G onsemi IC DVR LOW SIDE SOT-223-4	NCV8187AMLE180TCG onsemi 1.2A LDO REGULATOR, LOW DROPOUT	NCV8187AMLE280TCG onsemi 1.2A LDO REGULATOR, LOW DROPOUT
NCV8186BMN330TAG onsemi IC REG LINEAR 3.3V 1A 8DFN	NCV8401ADTRKG onsemi IC PWR DRIVER N-CHANNEL 1:1 DPAK	NCV8187AMT180TAG onsemi IC REG LINEAR 1.8V 1.2A 6WDFN	NCV8402ADDR2G onsemi IC PWR DRIVER N-CHAN 1:1 8SOIC	NCV8187AMLE330TCG onsemi 1.2A LDO REGULATOR, LOW DROPOUT	NCV8186AMN330TAG onsemi IC REG LINEAR 3.3V 1A 8DFN
NCV8402ASTT3G onsemi IC PWR DRIVER N-CHAN 1:1 SOT223	NCV8401DTRKG onsemi IC DVR LOSIDE 33A 42V DPAK	NCV8403ADTRKG onsemi IC PWR DRIVER N-CHANNEL 1:1 DPAK	NCV8187AMLEADJTCG onsemi IC REG LINEAR POS ADJ 1.2A 8DFNW	NCV8402DDR2G onsemi IC PWR DRIVER N-CHAN 1:1 8SOIC	NCV8402STT1G onsemi IC PWR DRIVER N-CHAN 1:1 SOT223

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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