

Image may be representation.
See specifications for product details.



NCP81071ADR2G

Manufacturer Part Number	NCP81071ADR2G
Manufacturer	onsemi
Allelco Part Number	32D-NCP81071ADR2G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC GATE DRVR LOW-SIDE 8SOIC
Package	8-SOIC (0.154', 3.90mm Width)
Data sheet	Cylindrical Battery Holders.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NCP81071ADR2G - onsemi.New Original in Stock. Download Linear Technology NCP81071ADR2G datasheet/specifications on AllelcoElec.com.
Request a quote for NCP81071ADR2G, please send us email: info@allelco.com

Specifications

NCP81071ADR2G Tech Specifications

NCP81071ADR2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Mounting Type	Surface Mount
Voltage - Supply	4.5V ~ 20V	Logic Voltage - VIL, VIH	1.2V, 1.8V
Supplier Device Package	8-SOIC	Input Type	Inverting
Series	-	Gate Type	N-Channel MOSFET
Rise / Fall Time (Typ)	8ns, 8ns	Driven Configuration	Low-Side
Package / Case	8-SOIC (0.154', 3.90mm Width)	Current - Peak Output (Source, Sink)	5A, 5A
Package	Tape & Reel (TR)	Channel Type	Independent
Operating Temperature	-40°C ~ 140°C (TJ)	Base Product Number	NCP81071
Number of Drivers	2		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP81071ADR2G

Product Attribute				
Part Number	NCP81071ADR2G	NCP81074AMNTBG	NCP81051MNTBG	NCP81074ADR2G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Series	-	-	-	-
Supplier Device Package	8-SOIC	8-DFN (2x2)	8-DFN (2x2)	8-SOIC
Current - Peak Output (Source, Sink)	5A, 5A	10A, 10A	-	10A, 10A
Package / Case	8-SOIC (0.154', 3.90mm Width)	8-VDFN Exposed Pad	8-VDFN Exposed Pad	8-SOIC (0.154', 3.90mm Width)
Driven Configuration	Low-Side	Low-Side	Half-Bridge	Low-Side
Logic Voltage - VIL, VIH	1.2V, 1.8V	1.5V, 1.9V	0.6V, 3.3V	1.5V, 1.9V
Number of Drivers	2	1	2	1
Gate Type	N-Channel MOSFET	N-Channel MOSFET	N-Channel MOSFET	N-Channel MOSFET
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Input Type	Inverting	Inverting, Non-Inverting	Non-Inverting	Inverting, Non-Inverting
Channel Type	Independent	Single	Synchronous	Single
Operating Temperature	-40°C ~ 140°C (TJ)	-40°C ~ 150°C (TJ)	0°C ~ 150°C (TJ)	-40°C ~ 140°C (TJ)
Base Product Number	NCP81071	NCP81074	NCP81051	NCP81074
Rise / Fall Time (Typ)	8ns, 8ns	4ns, 4ns	16ns, 11ns	4ns, 4ns
Voltage - Supply	4.5V ~ 20V	4.5V ~ 20V	4.5V ~ 5.5V	4.5V ~ 20V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)

NCP81071ADR2G Datasheet PDF

Download NCP81071ADR2G pdf datasheets and onsemi documentation for NCP81071ADR2G - onsemi.

Datasheets

[Cylindrical Battery Holders.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

[onsemi REACH.pdf](#)

[Material Declaration NCP81071ADR2G.pdf](#)

PCN Packaging



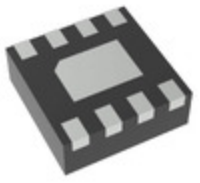
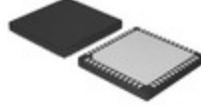

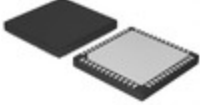



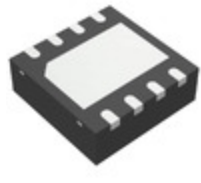





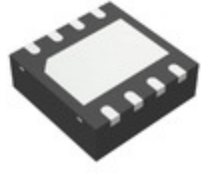
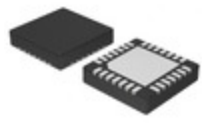

[2.73KHz.pdf](#)

PCN Assembly/Origin

[Wafer Fab Change 15/Feb/2023.pdf](#)

Customers Also Interested in

Recommended Products

 NCP81038 AMI Semiconductor/onsemi	 NCP81074AMNTBG onsemi IC GATE DRVR LOW-SIDE 8DFN	 NCP81051MNTBG onsemi IC GATE DRVR HALF-BRIDGE 8DFN	 NCP81022NMNTXG onsemi AMD VR CONTROLLER	 NCP81074ADR2G onsemi IC GATE DRVR LOW-SIDE 8SOIC	 NCP81022MNTXG onsemi IC CONTROLLER AMD VR QFN
 NCP81031MNTWG onsemi IC REG CTRLR BUCK 16QFN	 NCP81062MNTWG onsemi IC GATE DRVR HALF-BRIDGE 8DFN	 NCP81071DDR2G onsemi NCP81071 - DUAL 5 LOW -SIDE DRIV	 NCP81071BMNTXG onsemi IC GATE DRVR LOW-SIDE 8WDFN	 NCP81071BZR2G onsemi IC GATE DRVR LOW-SIDE 8MSOP	 NCP81071BDR2G onsemi IC GATE DRVR LOW-SIDE 8SOIC
 NCP81071AZR2G onsemi IC GATE DRVR LOW-SIDE 8MSOP	 NCP81071CDR2G onsemi IC GATE DRVR LOW-SIDE 8SOIC	 NCP81051 AMI Semiconductor/onsemi	 NCP81071AMNTXG onsemi IC GATE DRVR LOW-SIDE 8WDFN	 NCP81038MNTWG onsemi IC REG QUAD BUCK/LINEAR 28QFN	 NCP81061MNTWG onsemi IC GATE DRVR HALF-BRIDGE DL QFN

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

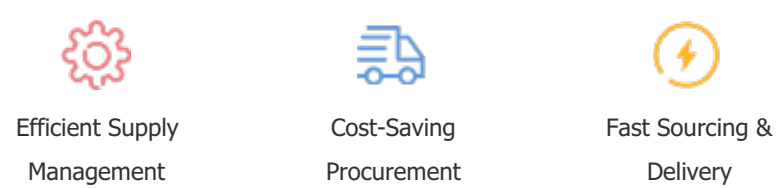
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

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



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