



Image may be representation.  
See specifications for product details.



## NCP81074ADR2G

Manufacturer Part Number	<b>NCP81074ADR2G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NCP81074ADR2G
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	<b>Cylindrical Battery Holders.pdf</b>
	<b>NCP81074A,B.pdf</b>
RoHs Status	ROHS3 Compliant

**Get a Quote**

NCP81074ADR2G - onsemi.New Original in Stock. Download Linear Technology NCP81074ADR2G datasheet/specifications on AllelcoElec.com.  
Request a quote for NCP81074ADR2G, please send us email: [info@allelco.com](mailto:info@allelco.com)

## Specifications

NCP81074ADR2G Tech Specifications

NCP81074ADR2G - 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	1.5V, 1.9V
Supplier Device Package	8-SOIC	Input Type	Inverting, Non-Inverting
Series	-	Gate Type	N-Channel MOSFET
Rise / Fall Time (Typ)	4ns, 4ns	Driven Configuration	Low-Side
Package / Case	8-SOIC (0.154", 3.90mm Width)	Current - Peak Output (Source, Sink)	10A, 10A
Package	Tape & Reel (TR)	Channel Type	Single
Operating Temperature	-40°C ~ 140°C (TJ)	Base Product Number	NCP81074
Number of Drivers	1		

## Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP81074ADR2G

Product Attribute				
Part Number	NCP81074ADR2G	NCP81075MNTXG	NCP81080DR2G	NCP81071BMNTXG
Manufacturer	onsemi	onsemi	onsemi	onsemi
Driven Configuration	Low-Side	High-Side or Low-Side	Half-Bridge	Low-Side
Logic Voltage - VIL, VIH	1.5V, 1.9V	0.8V, 2.7V	1.2V, 1.8V	1.2V, 1.8V
Gate Type	N-Channel MOSFET	N-Channel MOSFET	N-Channel MOSFET	N-Channel MOSFET
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Series	-	-	-	-
Current - Peak Output (Source, Sink)	10A, 10A	4A, 4A	500mA, 800mA	5A, 5A
Voltage - Supply	4.5V ~ 20V	8.5V ~ 20V	5.5V ~ 20V	4.5V ~ 20V
Base Product Number	NCP81074	NCP81075	NCP81080	NCP81071
Operating Temperature	-40°C ~ 140°C (TJ)	-40°C ~ 140°C (TJ)	-40°C ~ 140°C (TJ)	-40°C ~ 140°C (TJ)
Input Type	Inverting, Non-Inverting	Non-Inverting	TTL	Non-Inverting
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of Drivers	1	2	2	2
Supplier Device Package	8-SOIC	8-DFN (4x4)	8-SOIC	8-WDFN (3x3)
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-VDFN Exposed Pad	8-SOIC (0.154", 3.90mm Width)	8-WDFN Exposed Pad
Channel Type	Single	Independent	Synchronous	Independent
Rise / Fall Time (Typ)	4ns, 4ns	8ns, 7ns	19ns, 17ns	8ns, 8ns

## NCP81074ADR2G Datasheet PDF

Download NCP81074ADR2G pdf datasheets and onsemi documentation for NCP81074ADR2G - onsemi.

### Datasheets

[Cylindrical Battery Holders.pdf](#)

### Environmental Information

[onsemi RoHS.pdf](#)

[onsemi REACH.pdf](#)

[Material Declaration NCP81074ADR2G.pdf](#)

### PCN Packaging

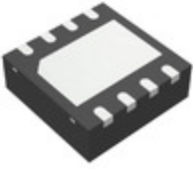



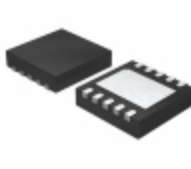






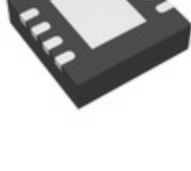
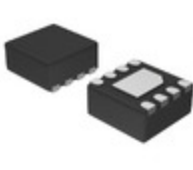
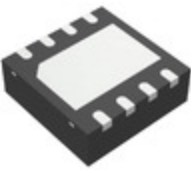
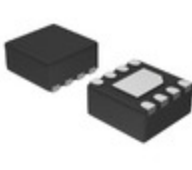



[2.73KHz.pdf](#)

### HTML Datasheet

[NCP81074A,B.pdf](#)

## Customers Also Interested in

### Recommended Products

					
<b>NCP81075MNTXG</b> onsemi IC GATE DRV HI-SIDE/LO-SIDE 8DFN	<b>NCP81080DR2G</b> onsemi IC GATE DRVR HALF-BRIDGE 8SOIC	<b>NCP81071BMNTXG</b> onsemi IC GATE DRVR LOW-SIDE 8WDFN	<b>NCP81071BZR2G</b> onsemi IC GATE DRVR LOW-SIDE 8MSOP	<b>NCP81075MTTXG</b> onsemi IC GATE DRVR HI/LOW SIDE 10WDFN	<b>NCP81071BDR2G</b> onsemi IC GATE DRVR LOW-SIDE 8SOIC
					
<b>NCP81081MNR2G</b> onsemi IC HALF BRIDGE DRIVER 35A 40QFN	<b>NCP81078MNTBG</b> onsemi IC MOSFET DRIVER	<b>NCP81075DR2G</b> onsemi IC GATE DRVR HI/LOW SIDE 8SOIC	<b>NCP81071ADR2G</b> onsemi IC GATE DRVR LOW-SIDE 8SOIC	<b>NCP81071BDR2</b> AMI Semiconductor/onsemi	<b>NCP81062MNTWG</b> onsemi IC GATE DRVR HALF-BRIDGE 8DFN
					
<b>NCP81074AMNTBG</b> onsemi IC GATE DRVR LOW-SIDE 8DFN	<b>NCP81071AMNTXG</b> onsemi IC GATE DRVR LOW-SIDE 8WDFN	<b>NCP81080MNTBG</b> onsemi IC GATE DRVR HALF-BRIDGE 8DFN	<b>NCP81071AZR2G</b> onsemi IC GATE DRVR LOW-SIDE 8MSOP	<b>NCP81071CDR2G</b> onsemi IC GATE DRVR LOW-SIDE 8SOIC	<b>NCP81071DDR2G</b> onsemi NCP81071 - DUAL 5 LOW -SIDE DRIV

## 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



[View More](#)