



Image may be representation.  
See specifications for product details.



## NCP5104DR2G

Manufacturer Part Number	<b>NCP5104DR2G</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NCP5104DR2G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC GATE DRVR HALF-BRIDGE 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	<a href="#">Cylindrical Battery Holders.pdf</a>
	<a href="#">NCP5104.pdf</a>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

NCP5104DR2G - onsemi.New Original in Stock. Download Linear Technology NCP5104DR2G datasheet/specifications on AllelcoElec.com.  
Request a quote for NCP5104DR2G, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

NCP5104DR2G Tech Specifications

NCP5104DR2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Mounting Type	Surface Mount
Voltage - Supply	10V ~ 20V	Logic Voltage - VIL, VIH	0.8V, 2.3V
Supplier Device Package	8-SOIC	Input Type	Non-Inverting
Series	-	High Side Voltage - Max (Bootstrap)	600 V
Rise / Fall Time (Typ)	85ns, 35ns	Gate Type	IGBT, N-Channel MOSFET
Package / Case	8-SOIC (0.154", 3.90mm Width)	Driven Configuration	Half-Bridge
Package	Tape & Reel (TR)	Current - Peak Output (Source, Sink)	250mA, 500mA
Operating Temperature	-40°C ~ 125°C (TJ)	Channel Type	Synchronous
Number of Drivers	2	Base Product Number	NCP5104

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP5104DR2G

Product Attribute				
Part Number	NCP5104DR2G	NCP5104PG	NCP5109ADR2G	NCP5109BDR2G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-DIP (0.300", 7.62mm)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Rise / Fall Time (Typ)	85ns, 35ns	85ns, 35ns	85ns, 35ns	85ns, 35ns
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)
Current - Peak Output (Source, Sink)	250mA, 500mA	250mA, 500mA	250mA, 500mA	250mA, 500mA
Gate Type	IGBT, N-Channel MOSFET	IGBT, N-Channel MOSFET	IGBT, N-Channel MOSFET	IGBT, N-Channel MOSFET
Package	Tape & Reel (TR)	Tube	Tape & Reel (TR)	Tape & Reel (TR)
Channel Type	Synchronous	Synchronous	Independent	Independent
Mounting Type	Surface Mount	Through Hole	Surface Mount	Surface Mount
Voltage - Supply	10V ~ 20V	10V ~ 20V	10V ~ 20V	10V ~ 20V
Series	-	-	-	-
High Side Voltage - Max (Bootstrap)	600 V	600 V	200 V	200 V
Supplier Device Package	8-SOIC	8-PDIP	8-SOIC	8-SOIC
Logic Voltage - VIL, VIH	0.8V, 2.3V	0.8V, 2.3V	0.8V, 2.3V	0.8V, 2.3V
Driven Configuration	Half-Bridge	Half-Bridge	Half-Bridge	Half-Bridge
Number of Drivers	2	2	2	2
Input Type	Non-Inverting	Non-Inverting	Non-Inverting	Non-Inverting
Base Product Number	NCP5104	NCP5104	NCP5109	NCP5109

### NCP5104DR2G Datasheet PDF

Download NCP5104DR2G pdf datasheets and onsemi documentation for NCP5104DR2G - onsemi.

#### Datasheets

[Cylindrical Battery Holders.pdf](#)

#### Environmental Information

[onsemi RoHS.pdf](#)

[onsemi REACH.pdf](#)

[Material Declaration NCP5104DR2G.pdf](#)

#### PCN Packaging

[2.73KHz.pdf](#)

#### PCN Design/Specification

[\[Link\]](#)

[\[Link\]](#)

## HTML Datasheet




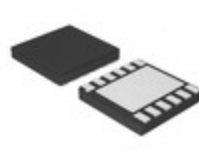

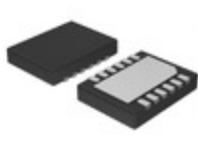












NCP5104.pdf

## PCN Assembly/Origin

2.73KHz.pdf

## Customers Also Interested in

### Recommended Products

 <b>NCP5104PG</b> onsemi IC GATE DRVR HALF-BRIDGE 8DIP	 <b>NCP508SQ30T1G</b> onsemi IC REG LINEAR 3V 50MA SC88A	 <b>NCP5109ADR2G</b> onsemi IC GATE DRVR HALF-BRIDGE 8SOIC	 <b>NCP5080MUTXG</b> onsemi IC PHOTOFLASH CAP CHARGE 12LLGA	 <b>NCP5106ADR2G</b> Rochester Electronics, LLC NCP5106AD - HIGH VOLTAGE, HIGH A	 <b>NCP5030MTTXG</b> onsemi IC LED DRV RGLTR PWM 12WDFN
 <b>NCP5109BDR2G</b> onsemi IC GATE DRVR HALF-BRIDGE 8SOIC	 <b>NCP5106ADR2G</b> onsemi IC GATE DRVR HALF-BRIDGE 8SOIC	 <b>NCP502SQ36T1G</b> onsemi IC REG LINEAR 3.6V 80MA SC88A	 <b>NCP508SQ33T1G</b> onsemi IC REG LINEAR 3.3V 50MA SC88A	 <b>NCP5106AP</b> AMI Semiconductor/onsemi	 <b>NCP5106BDR2G</b> onsemi IC GATE DRVR HALF-BRIDGE 8SOIC
 <b>NCP508SQ18T1G</b> onsemi IC REG LINEAR 1.8V 50MA SC88A	 <b>NCP5106BPG</b> onsemi IC GATE DRVR HALF-BRIDGE 8DIP	 <b>NCP508SQ15T1G</b> onsemi IC REG LINEAR 1.5V 50MA SC88A	 <b>NCP502SQ35T1G</b> onsemi IC REG LINEAR 3.5V 80MA SC88A	 <b>NCP5050MTTXG</b> onsemi IC LED DRVR RGLTR PWM 3A 10WDFN	 <b>NCP508SQ25T1G</b> onsemi IC REG LINEAR 2.5V 50MA SC88A

## 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

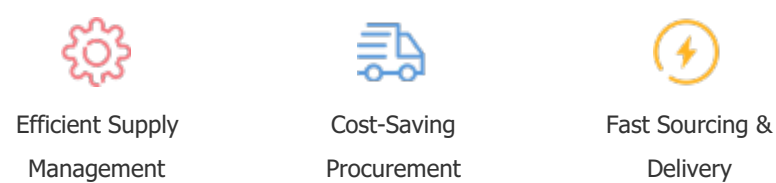
**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

## Payment Support

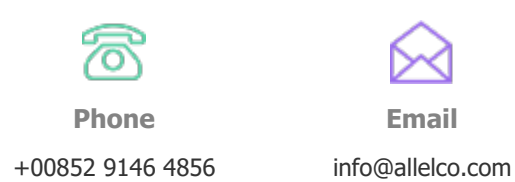
The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



## Your Faithful Supply Chain Partner -



Contact us if you have any questions.



## Certifications & Memberships



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