

Image may be representation.  
See specifications for product details.



## NCP5339MNTXG

Manufacturer Part Number	<b>NCP5339MNTXG</b>
Manufacturer	<b>onsemi</b>
Allelco Part Number	32D-NCP5339MNTXG
ECAD Model	Request Free CAD Models
Parts Description	<b>IC HALF BRIDGE DRIVER 50A 40QFN</b>
Package	<b>40-VFQFN Exposed Pad</b>
Data sheet	<b>NCP5339.pdf</b>
RoHs Status	<b>ROHS3 Compliant</b>

**Get a Quote**

NCP5339MNTXG - onsemi.New Original in Stock. Download Linear Technology NCP5339MNTXG datasheet/specifications on AllelcoElec.com.  
Request a quote for NCP5339MNTXG, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

NCP5339MNTXG Tech Specifications  
NCP5339MNTXG - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Supply	4.5V ~ 5.5V	Mounting Type	Surface Mount
Voltage - Load	4.5V ~ 16V	Load Type	Inductive
Technology	NMOS	Interface	PWM
Supplier Device Package	40-QFN (6x6)	Features	Bootstrap Circuit
Series	-	Fault Protection	Over Temperature, UVLO
Rds On (Typ)	-	Current - Peak Output	80A
Package / Case	40-VFQFN Exposed Pad	Current - Output / Channel	50A
Package	Tape & Reel (TR)	Base Product Number	NCP5339
Output Configuration	Half Bridge	Applications	DC-DC Converters

### Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP5339MNTXG

Product Attribute				
Part Number	NCP5339MNTXG	<b>NCP5338MNR2G</b>	<b>NCP5355DR2</b>	<b>NCP5351DR2G</b>
Manufacturer	onsemi	onsemi	onsemi	onsemi
Interface	PWM	PWM	-	-
Supplier Device Package	40-QFN (6x6)	40-QFN (6x6)	8-SOIC	8-SOIC
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Load	4.5V ~ 16V	4.5V ~ 20V	-	-
Output Configuration	Half Bridge	Half Bridge	-	-
Fault Protection	Over Temperature, UVLO	Over Temperature, UVLO	-	-
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)	0°C ~ 125°C (TJ)	-30°C ~ 125°C (TJ)
Applications	DC-DC Converters	Buck Converters	-	-
Load Type	Inductive	Inductive	-	-
Package / Case	40-VFQFN Exposed Pad	40-VFQFN Exposed Pad	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)
Series	-	-	-	-
Voltage - Supply	4.5V ~ 5.5V	4.5V ~ 5.5V	8V ~ 14V	4.5V ~ 6.5V
Rds On (Typ)	-	-	-	-
Features	Bootstrap Circuit	Bootstrap Circuit	-	-
Technology	NMOS	Power MOSFET	-	-
Base Product Number	NCP5339	NCP5338	NCP5355	NCP5351
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Peak Output	80A	-	-	-
Current - Output / Channel	50A	40A	-	-

### NCP5339MNTXG Datasheet PDF

Download NCP5339MNTXG pdf datasheets and onsemi documentation for NCP5339MNTXG - onsemi.

#### Environmental Information

- onsemi REACH.pdf
- onsemi RoHS.pdf
- Material Declaration NCP5339MNTXG.pdf

#### PCN Obsolescence/ EOL

- Cylindrical Battery Holders.pdf

#### HTML Datasheet







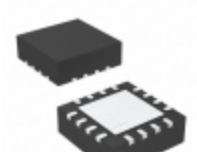




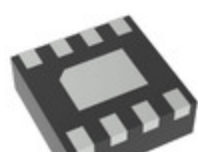


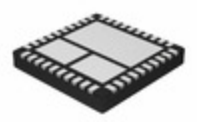



 NCP5339.pdf

PCN Assembly/Origin

 2.73KHz.pdf

## Customers Also Interested in

### Recommended Products

 <b>NCP5355DR2</b> onsemi IC GATE DRVR HALF-BRIDGE 8SOIC	 <b>NCP5351DR2G</b> onsemi IC GATE DRVR HALF-BRIDGE 8SOIC	 <b>NCP5355DR2G</b> onsemi IC GATE DRVR HALF-BRIDGE 8SOIC	 <b>NCP5359ADR2G</b> onsemi IC GATE DRVR HALF-BRIDGE 8SOIC	 <b>NCP5338</b> AMI Semiconductor/onsemi	 <b>NCP5332ADW</b> onsemi IC REG CTRLR HI PERF 2OUT 28SOIC
 <b>NCP5358MNTXG</b> onsemi IC GATE DRVR HALF-BRIDGE 16QFN	 <b>NCP5331</b> AMI Semiconductor/onsemi	 <b>NCP5331FTR2</b> onsemi IC REG CTRLR AMD 2OUT 32LQFP	 <b>NCP5339AMNR2G</b> AMI Semiconductor/onsemi	 <b>NCP5339</b> AMI Semiconductor/onsemi	 <b>NCP5359AMNR2G</b> onsemi IC GATE DRVR HALF-BRIDGE 8DFN
 <b>NCP5351DR2</b> onsemi IC GATE DRVR HALF-BRIDGE 8SOIC	 <b>NCP5338MNTXG</b> AMI Semiconductor/onsemi	 <b>NCP5338MNR2G</b> onsemi IC HALF BRIDGE DRIVER 40A 40QFN	 <b>NCP5331FTR2G</b> onsemi IC REG CTRLR AMD 2OUT 32LQFP	 <b>NCP5351MNR2G</b> onsemi IC GATE DRVR HALF-BRIDGE 10DFN	 <b>NCP5332ADWG</b> AMI Semiconductor/onsemi

## 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](#)

### Contact us

Address: Flat/Rm C 13/F Harvard Commercial Building 105-111 Thomson Road, Wan Chai, Hong Kong  
Phone: +00852 9146 4856  
Fax: +00852 3010 8510  
Email: info@Allelco.com