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See specifications for product details.

NCP5355DR2G

Manufacturer Part Number	NCP5355DR2G
Manufacturer	onsemi
Allelco Part Number	32D-NCP5355DR2G
ECAD Model	Request Free CAD Models
Parts Description	IC GATE DRVR HALF-BRIDGE 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	NCP5355.pdf
	NCP5355.pdf

Get a Quote



NCP5355DR2G - onsemi.New Original in Stock. Download Linear Technology NCP5355DR2G datasheet/specifications on AllelcoElec.com.
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Specifications

NCP5355DR2G Tech Specifications

NCP5355DR2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Mounting Type	Surface Mount
Voltage - Supply	8V ~ 14V	Logic Voltage - VIL, VIH	0.8V, 2V
Supplier Device Package	8-SOIC	Input Type	Inverting, Non-Inverting
Series	-	High Side Voltage - Max (Bootstrap)	26 V
Rise / Fall Time (Typ)	15ns, 15ns	Gate Type	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)	2A, 2A
Operating Temperature	0°C ~ 125°C (TJ)	Channel Type	Synchronous
Number of Drivers	2	Base Product Number	NCP5355

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP5355DR2G

Product Attribute				
Part Number	NCP5355DR2G	NCP5359ADR2G	NCP5351DR2	NCP5351MNR2G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Operating Temperature	0°C ~ 125°C (TJ)	0°C ~ 150°C (TJ)	-30°C ~ 125°C (TJ)	-30°C ~ 125°C (TJ)
Input Type	Inverting, Non-Inverting	Non-Inverting	Inverting, Non-Inverting	Inverting, Non-Inverting
Supplier Device Package	8-SOIC	8-SOIC	8-SOIC	10-DFN (3x3)
Base Product Number	NCP5355	NCP5359	NCP5351	NCP5351
Gate Type	N-Channel MOSFET	N-Channel MOSFET	N-Channel MOSFET	N-Channel MOSFET
Logic Voltage - VIL, VIH	0.8V, 2V	1V, 2V	0.8V, 2V	0.8V, 2V
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	10-VDFN Exposed Pad
Voltage - Supply	8V ~ 14V	10V ~ 13.2V	4.5V ~ 6.5V	4.5V ~ 6.5V
Driven Configuration	Half-Bridge	Half-Bridge	Half-Bridge	Half-Bridge
Rise / Fall Time (Typ)	15ns, 15ns	16ns, 15ns	8ns, 14ns	8ns, 14ns
Channel Type	Synchronous	Synchronous	Synchronous	Synchronous
Number of Drivers	2	2	2	2
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
High Side Voltage - Max (Bootstrap)	26 V	30 V	25 V	25 V
Series	-	-	-	-
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Current - Peak Output (Source, Sink)	2A, 2A	-	4A, 4A	4A, 4A

NCP5355DR2G Datasheet PDF

Download NCP5355DR2G pdf datasheets and onsemi documentation for NCP5355DR2G - onsemi.

Datasheets

[NCP5355.pdf](#)

Environmental Information

[onsemi REACH.pdf](#)





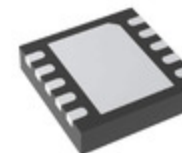
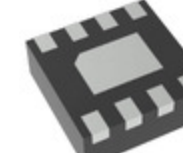


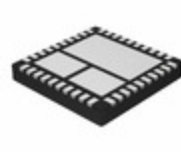

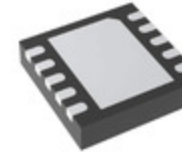

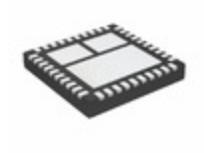



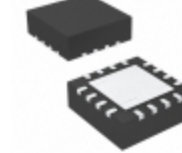
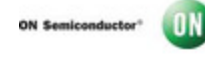
[onsemi RoHS.pdf](#)

HTML Datasheet

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Customers Also Interested in

Recommended Products

 NCP5359AD AMI Semiconductor/onsemi	 NCP5358B AMI Semiconductor/onsemi	 NCP5359ADR2G onsemi IC GATE DRVR HALF-BRIDGE 8SOIC	 NCP5351DR2 onsemi IC GATE DRVR HALF-BRIDGE 8SOIC	 NCP5351MNR2G onsemi IC GATE DRVR HALF-BRIDGE 10DFN	 NCP5359AMNR2G onsemi IC GATE DRVR HALF-BRIDGE 8DFN
 NCP5338MNTXG AMI Semiconductor/onsemi	 NCP5359D AMI Semiconductor/onsemi	 NCP5338MNR2G onsemi IC HALF BRIDGE DRIVER 40A 40QFN	 NCP5359DR2G onsemi IC GATE DRVR HALF-BRIDGE 8SOIC	 NCP5359MNR2G onsemi IC GATE DRVR HALF-BRIDGE 10DFN	 NCP5339AMNR2G AMI Semiconductor/onsemi
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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.

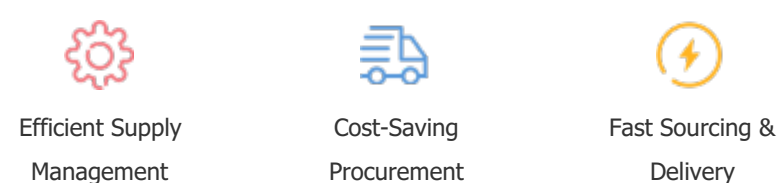
Payment Support

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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