

Image may be representation.
See specifications for product details.



NCV3066DR2G

Manufacturer Part Number	NCV3066DR2G
Manufacturer	onsemi
Allelco Part Number	32D-NCV3066DR2G
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC LED DRVR RGLTR PWM 1.5A 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	NCP/NCV3066 ~.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NCV3066DR2G - onsemi.New Original in Stock. Download Linear Technology NCV3066DR2G datasheet/specifications on AllelcoElec.com.
Request a quote for NCV3066DR2G, please send us email: info@allelco.com

Specifications

NCV3066DR2G Tech Specifications

NCV3066DR2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Operating Temperature	-40°C ~ 125°C (TJ)
Voltage - Supply (Min)	3V	Number of Outputs	1
Voltage - Supply (Max)	40V	Mounting Type	Surface Mount
Voltage - Output	-	Internal Switch(s)	Yes
Type	DC DC Regulator	Frequency	150kHz
Topology	Step-Down (Buck), Step-Up (Boost)	Dimming	Analog, PWM
Supplier Device Package	8-SOIC	Current - Output / Channel	1.5A (Switch)
Series	Automotive, AEC-Q100	Base Product Number	NCV3066
Package / Case	8-SOIC (0.154", 3.90mm Width)	Applications	Automotive, Lighting
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCV3066DR2G

Product Attribute				
Part Number	NCV3066DR2G	NCV3066MNTXG	NCV3065MNTXG	NCV3065DR2G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Dimming	Analog, PWM	Analog, PWM	Analog, PWM	Analog, PWM
Voltage - Supply (Min)	3V	3V	3V	3V
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Voltage - Supply (Max)	40V	40V	40V	40V
Internal Switch(s)	Yes	Yes	Yes	Yes
Number of Outputs	1	1	1	1
Supplier Device Package	8-SOIC	8-DFN (4x4)	8-DFN (4x4)	8-SOIC
Current - Output / Channel	1.5A (Switch)	1.5A (Switch)	1.5A (Switch)	1.5A (Switch)
Series	Automotive, AEC-Q100	-	-	-
Base Product Number	NCV3066	NCV3066	NCV3065	NCV3065
Type	DC DC Regulator	DC DC Regulator	DC DC Regulator	DC DC Regulator
Operating Temperature	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 125°C (TJ)
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-VDFN Exposed Pad	8-VDFN Exposed Pad	8-SOIC (0.154", 3.90mm Width)
Topology	Step-Down (Buck), Step-Up (Boost)	Step-Down (Buck), Step-Up (Boost)	Step-Down (Buck), Step-Up (Boost)	Step-Down (Buck), Step-Up (Boost)
Applications	Automotive, Lighting	Lighting	Lighting	Lighting
Voltage - Output	-	-	-	-
Frequency	150kHz	150kHz	150kHz	150kHz

NCV3066DR2G Datasheet PDF

Download NCV3066DR2G pdf datasheets and onsemi documentation for NCV3066DR2G - onsemi.

Datasheets

[NCP/NCV3066 ~.pdf](#)


Environmental Information


[onsemi RoHS.pdf](#)

[Material Declaration NCV3066DR2G.pdf](#)

PCN Packaging

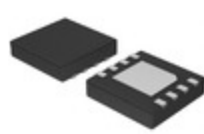


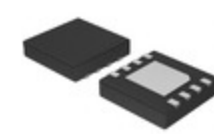
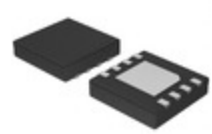


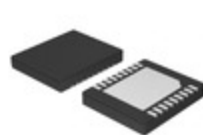
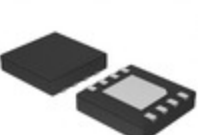









[MSL1 Pkg Chg 20/Dec/2018.pdf](#)

 Mold Compound Update 14/Jan/2015.pdf

 NCP3066x 10/Oct/2022.pdf

Customers Also Interested in

Recommended Products

					
NCP3063MNTXG onsemi IC REG BUCK BST ADJ 1.5A 8DFN	NCP308SN500T1G onsemi IC SUPERVISOR 1 CHANNEL 6TSOP	NCP3064PG onsemi IC REG BUCK BST ADJ 1.5A 8DIP	NCP3066MNTXG onsemi IC LED DRVR RGLTR PWM 1.5A 8DFN	NCP3064MNTXG onsemi IC REG BUCK BST ADJ 1.5A 8DFN	NCP317BD2TR4 onsemi IC REG LIN POS ADJ 1.5A D2PAK-3
					
NCP317BD2T onsemi IC REG LIN POS ADJ 1.5A D2PAK-3	NCP3163MNR2G onsemi IC REG BUCK BST ADJ 3.4A 18DFN	NCP3065MNTXG onsemi IC LED DRVR RGLTR PWM 1.5A 8DFN	NCP308SNADJT1G onsemi IC SUPERVISOR 1 CHANNEL 6TSOP	NCP3065DR2G onsemi IC LED DRVR RGLTR PWM 1.5A 8SOIC	NCP3064D-5R2G AMI Semiconductor/onsemi
					
NCP3063HDR2G AMI Semiconductor/onsemi	NCP317BD2TR4G onsemi IC REG LIN POS ADJ 1.5A D2PAK-3	NCP3063PG onsemi IC REG BUCK BST ADJ 1.5A 8DIP	NCP3163PWR2G onsemi IC REG BUCK BST ADJ 3.4A 16SOIC	NCP308SN330T1G onsemi IC SUPERVISOR 1 CHANNEL 6TSOP	NCP3064DR2G onsemi IC REG BUCK BST ADJ 1.5A 8SOIC

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
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Contact us if you have any questions.

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Certifications & Memberships



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