



Image may be representation.
See specifications for product details.



NCV1063AD100R2G

Manufacturer Part Number	NCV1063AD100R2G
Manufacturer	onsemi
Allelco Part Number	32D-NCV1063AD100R2G
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC OFFLINE SW MULT TOP 16SOIC
Package	16-SOIC (0.154", 3.90mm Width)
Data sheet	NCV1060, NCV1063.pdf NCV1060, NCV1063.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NCV1063AD100R2G - onsemi.New Original in Stock. Download Linear Technology NCV1063AD100R2G datasheet/specifications on AllelcoElec.com.
Request a quote for NCV1063AD100R2G, please send us email: info@allelco.com

Specifications

NCV1063AD100R2G Tech Specifications
NCV1063AD100R2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output Isolation	Either
Voltage - Supply (Vcc/Vdd)	8.4V ~ 9.5V	Operating Temperature	-40°C ~ 150°C (TJ)
Voltage - Start Up	9 V	Mounting Type	Surface Mount
Voltage - Breakdown	670V	Internal Switch(s)	Yes
Topology	Boost, Buck, Flyback, Forward	Frequency - Switching	100kHz
Supplier Device Package	16-SOIC	Fault Protection	Current Limiting, Over Load, Over Power, Over Voltage, Short Circuit
Series	Automotive, AEC-Q100	Duty Cycle	66%
Power (Watts)	17.1 W	Control Features	Soft Start
Package / Case	16-SOIC (0.154", 3.90mm Width)	Base Product Number	NCV1063
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCV1063AD100R2G

Product Attribute				
Part Number	NCV1063AD100R2G	NCV1077STBT3G	NCV1063AD060R2G	NCV1060BD060R2G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Supplier Device Package	16-SOIC	SOT-223 (TO-261)	16-SOIC	10-SOIC
Base Product Number	NCV1063	NCV1077	NCV1063	NCV1060
Power (Watts)	17.1 W	25 W	7.2 W	7.2 W
Topology	Boost, Buck, Flyback, Forward	Flyback	Boost, Buck, Flyback, Forward	Boost, Buck, Flyback, Forward
Package / Case	16-SOIC (0.154", 3.90mm Width)	TO-261-4, TO-261AA	16-SOIC (0.154", 3.90mm Width)	10-SOP (0.154", 3.90mm Width)
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Voltage - Supply (Vcc/Vdd)	8.4V ~ 9.5V	7.7V ~ 8.5V	8.4V ~ 9.5V	8.4V ~ 9.5V
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100
Frequency - Switching	100kHz	100kHz	60kHz	60kHz
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Operating Temperature	-40°C ~ 150°C (TJ)	-40°C ~ 125°C (TJ)	-40°C ~ 150°C (TJ)	-40°C ~ 150°C (TJ)
Voltage - Start Up	9 V	8.1 V	-	-
Fault Protection	Current Limiting, Over Load, Over Power, Over Voltage, Short Circuit	Current Limiting, Over Load, Over Voltage, Short Circuit	Current Limiting, Over Load, Over Power, Over Voltage, Short Circuit	Current Limiting, Over Load, Over Power, Over Voltage, Short Circuit
Voltage - Breakdown	670V	670V	670V	670V
Control Features	Soft Start	EN, Frequency Control, Soft Start	Soft Start	Soft Start
Duty Cycle	66%	69%	-	-
Internal Switch(s)	Yes	Yes	Yes	Yes
Output Isolation	Either	Non-Isolated	Either	Either

NCV1063AD100R2G Datasheet PDF

Download NCV1063AD100R2G pdf datasheets and onsemi documentation for NCV1063AD100R2G - onsemi.

Datasheets

[NCV1060, NCV1063.pdf](#)

Environmental Information

[onsemi RoHS.pdf](#)

[Material Declaration NCV1063AD100R2G.pdf](#)

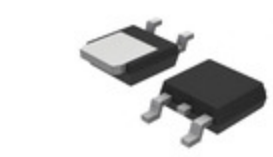
HTML Datasheet



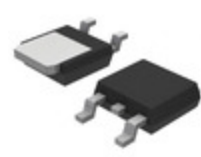
NCV1060, NCV1063.pdf

Customers Also Interested in

Recommended Products



NCV1117DT18T5G
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IC REG LINEAR 1.8V 1A DPAK



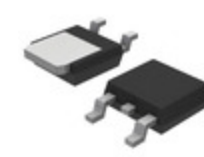
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IC REG LINEAR 1.8V 1A DPAK



NCV1077STBT3G
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IC OFFLINE SWITCH FLYBACK SOT223



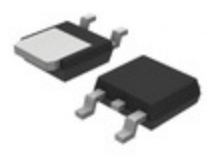
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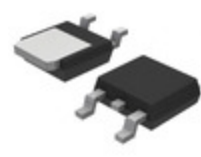
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IC REG LINEAR 12V 1A DPAK



NCV1009DR2G
onsemi
IC VREF SHUNT 0.32% 8SOIC



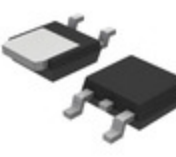
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NCV1117DT20RKG
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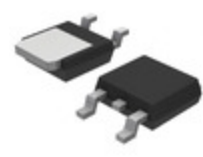
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IC OFFLINE SW MULT TOP 16SOIC



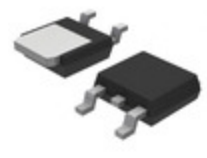
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onsemi
IC REG LINEAR 3.3V 1A DPAK



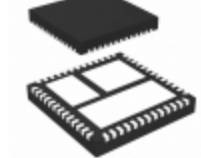
NCV1117DT33RKG
AMI Semiconductor/onsemi



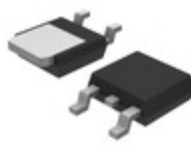
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IC REG LINEAR 1.8V 1A DPAK



NCV1117DT25RK
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IC REG LINEAR 2.5V 1A DPAK



NCV-RSL10-101Q48-AVG
onsemi
RSL10 QFN FOR AUTOMOTIVE



NCV1117DT15RKG
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IC REG LINEAR 1.5V 1A DPAK



NCV0372BDWR2G
onsemi
IC POWER 2 CIRCUIT 16SOIC



NCV1117DT20RKG MOS
AMI Semiconductor/onsemi



NCV1060BD060R2G
onsemi
IC OFFLINE SW MULT TOP 10SOIC

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

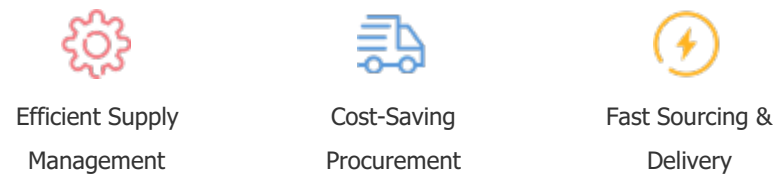
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

Payment Support

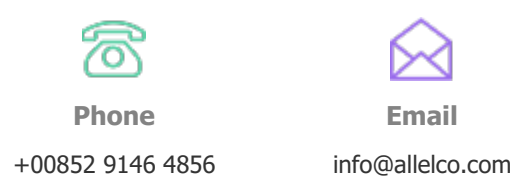
The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



Your Faithful Supply Chain Partner -



Contact us if you have any questions.



Certifications & Memberships



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Contact us

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