

Image may be representation.
See specifications for product details.



NCP1653DR2G

Manufacturer Part Number	NCP1653DR2G
Manufacturer	onsemi
Allelco Part Number	32D-NCP1653DR2G
ECAD Model	PCB Symbol, Footprint & 3D Mode
Parts Description	IC PFC CTRLR CCM 110KHZ 8SOIC
Package	8-SOIC (0.154", 3.90mm Width)
Data sheet	NCP1653(A).pdf NCP1653(A).pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NCP1653DR2G - onsemi.New Original in Stock. Download Linear Technology NCP1653DR2G datasheet/specifications on AllelcoElec.com.
Request a quote for NCP1653DR2G, please send us email: info@allelco.com

Specifications

NCP1653DR2G Tech Specifications

NCP1653DR2G - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Operating Temperature	-40°C ~ 125°C
Voltage - Supply	8.75V ~ 18V	Mounting Type	Surface Mount
Supplier Device Package	8-SOIC	Mode	Continuous Conduction (CCM)
Series	-	Frequency - Switching	90kHz ~ 110kHz
Package / Case	8-SOIC (0.154", 3.90mm Width)	Base Product Number	NCP1653
Package	Tape & Reel (TR)		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP1653DR2G

Product Attribute				
Part Number	NCP1653DR2G	NCP1653ADR2G	NCP1655ADR2G	NCP1652ADR2G
Manufacturer	onsemi	onsemi	onsemi	onsemi
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Package / Case	8-SOIC (0.154", 3.90mm Width)	8-SOIC (0.154", 3.90mm Width)	10-SOP (0.154", 3.90mm Width), 9 Leads	16-SOIC (0.154", 3.90mm Width)
Voltage - Supply	8.75V ~ 18V	8.75V ~ 18V	8.5V ~ 11.25V	9.3V ~ 11.3V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Series	-	-	-	-
Supplier Device Package	8-SOIC	8-SOIC	9-SOIC	16-SOIC
Mode	Continuous Conduction (CCM)	Continuous Conduction (CCM)	Continuous Conduction (CCM)	Continuous Conduction (CCM), Discontinuous Conduction (DCM)
Operating Temperature	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 125°C (TJ)	-40°C ~ 125°C
Frequency - Switching	90kHz ~ 110kHz	60.3kHz ~ 73.7kHz	65kHz	Adjustable
Base Product Number	NCP1653	NCP1653	NCP1655	NCP1652

NCP1653DR2G Datasheet PDF

Download NCP1653DR2G pdf datasheets and onsemi documentation for NCP1653DR2G - onsemi.

Datasheets

[NCP1653\(A\).pdf](#)

Environmental Information

[onsemi REACH.pdf](#)

[onsemi RoHS.pdf](#)

[Material Declaration NCP1653DR2G.pdf](#)







HTML Datasheet

[NCP1653\(A\).pdf](#)

Customers Also Interested in

Recommended Products

NCP1653ADR2G onsemi IC PFC CTRLR CCM 73.7KHZ 8SOIC	NCP1655ADR2G onsemi MULTI-MODE POWER FACTOR CORRECTI	NCP167AMX330TBG onsemi IC REG LINEAR 3.3V 700MA 4XDFN	NCP1652ADR2G onsemi IC PFC CTR CCM/DCM ADJUST 16SOIC	NCP1654BD133R2G Fairchild Semiconductor POWER FACTOR CONTROLLER, CURRENT	NCP167AMX280TBG onsemi IC REG LINEAR 2.8V 700MA 4XDFN

NCP167BMX330TBG onsemi IC REG LINEAR 3.3V 700MA 4XDFN	NCP1652AG AMI Semiconductor/onsemi	NCP1680AAD1R2G onsemi TOTEM POLE CRITICAL CONDUCTION M	NCP1653DR2 onsemi IC PFC CTRLR CCM 110KHZ 8SOIC	NCP1654BD65R2G onsemi IC PFC CTRLR CCM 72KHZ 8SOIC	NCP1654BD133R2G onsemi IC PFC CTRLR CCM 146KHZ 8SOIC
					
NCP1652DWR2G onsemi IC PFC CTL CCM/DCM 100KHZ 20SOIC	NCP1652DR2G onsemi IC PFC CTL CCM/DCM 100KHZ 16SOIC	NCP1680ABD1R2G onsemi TOTEM POLE CRITICAL CONDUCTION M	NCP1653APG onsemi IC PFC CTRLR CCM 73.7KHZ 8DIP	NCP1653 AMI Semiconductor/onsemi	NCP1654BD200R2G onsemi IC PFC CTRLR CCM 220KHZ 8SO

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

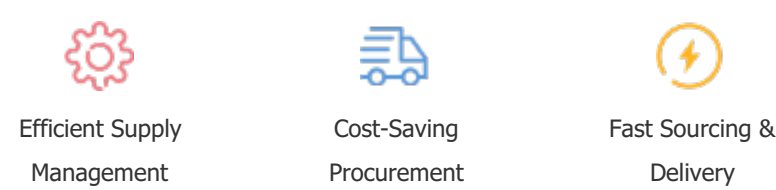
Note: The above table is for reference only. There may have some data bias for the uncontrollable factors. Contact us if you have any questions.

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



[View More](#)