

Image may be representation.
See specifications for product details.



NCP81233MNTXG

Manufacturer Part Number	NCP81233MNTXG
Manufacturer	onsemi
Allelco Part Number	32D-NCP81233MNTXG
ECAD Model	PCB Symbol, Footprint & 3D Model
Parts Description	IC REG CNTRL BCK/BST I2C 52QFN
Package	52-VFQFN Exposed Pad
Data sheet	NCP81233.pdf
	NCP81233.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

NCP81233MNTXG - onsemi.New Original in Stock. Download Linear Technology NCP81233MNTXG datasheet/specifications on AllelcoElec.com.
Request a quote for NCP81233MNTXG, please send us email: info@allelco.com

Specifications

NCP81233MNTXG Tech Specifications

NCP81233MNTXG - onsemi technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	onsemi	Output Configuration	Positive
Voltage - Supply (Vcc/Vdd)	4.5V ~ 20V	Operating Temperature	-40°C ~ 100°C (TA)
Topology	Buck, Boost	Number of Outputs	1
Synchronous Rectifier	-	Mounting Type	Surface Mount
Supplier Device Package	52-QFN (6x6)	Function	Step-Up, Step-Down
Series	-	Frequency - Switching	200kHz ~ 1.2MHz
Serial Interfaces	I ² C	Duty Cycle (Max)	-
Package / Case	52-VFQFN Exposed Pad	Control Features	Current Limit, Enable, Frequency Control, On Time Control, Ramp, Soft Start
Package	Tape & Reel (TR)	Clock Sync	Yes
Output Type	PWM Signal	Base Product Number	NCP81233
Output Phases	4		

Parts with Similar Specifications

The three parts on the right have similar specifications to onsemi NCP81233MNTXG

Product Attribute				
Part Number	NCP81233MNTXG	NCP81239MNTXG	NCP81232MNTXG	NCP81234MNTXG
Manufacturer	onsemi	onsemi	onsemi	onsemi
Operating Temperature	-40°C ~ 100°C (TA)	-40°C ~ 100°C (TA)	-40°C ~ 100°C (TA)	-40°C ~ 125°C (TA)
Output Type	PWM Signal	PWM Signal	PWM Signal	PWM Signal
Topology	Buck, Boost	Buck, Boost	Buck	Buck
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Clock Sync	Yes	Yes	No	-
Output Phases	4	4	4	2
Duty Cycle (Max)	-	-	-	-
Supplier Device Package	52-QFN (6x6)	32-QFN (5x5)	40-QFN (5x5)	28-QFN (5x5)
Synchronous Rectifier	-	-	No	Yes
Package / Case	52-VFQFN Exposed Pad	32-VFQFN Exposed Pad	40-VFQFN Exposed Pad	28-VFQFN Exposed Pad
Number of Outputs	1	1	4	1
Serial Interfaces	I ² C	I ² C	-	-
Frequency - Switching	200kHz ~ 1.2MHz	150kHz ~ 1.2MHz	200kHz ~ 1.2MHz	200kHz ~ 1.2MHz
Base Product Number	NCP81233	NCP81239	NCP81232	NCP81234
Control Features	Current Limit, Enable, Frequency Control, On Time Control, Ramp, Soft Start	Current Limit, Enable, Frequency Control, On Time Control, Ramp, Soft Start	Current Limit, Enable, Frequency Control, Power Good, Soft Start	Current Limit, Enable, Frequency Control, Power Good
Series	-	-	-	-
Function	Step-Up, Step-Down	Step-Up, Step-Down	Step-Down	Step-Down
Voltage - Supply (Vcc/Vdd)	4.5V ~ 20V	4.5V ~ 28V	4.5V ~ 20V	0.6V ~ 5V
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Output Configuration	Positive	Positive	Positive	Positive

NCP81233MNTXG Datasheet PDF

Download NCP81233MNTXG pdf datasheets and onsemi documentation for NCP81233MNTXG - onsemi.

Datasheets

NCP81233.pdf

Environmental Information

onsemi REACH.pdf

onsemi RoHS.pdf

Material Declaration NCP81233MNTXG.pdf

HTML Datasheet

NCP81233.pdf


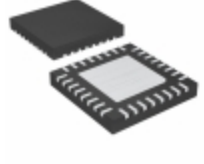


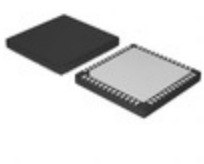




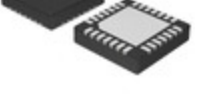



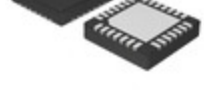




PCN Design/Specification

NCP81233MNTXG 28/Feb/2017.pdf

NCP81233MNTXG Datasheet 24/Jan/2019.pdf

Customers Also Interested in

Recommended Products

 NCP81230HMNTWG AMI Semiconductor/onsemi	 NCP81239MNTXG onsemi IC REG CTRLR BCK/BOOST I2C 32QFN	 NCP81231 AMI Semiconductor/onsemi	 NCP81232MNTXG onsemi IC REG CTRLR BUCK 40QFN	 NCP81243MNTXG onsemi IC REG CTRLR IMVP8 1OUT 52QFN	 NCP81226 AMI Semiconductor/onsemi
 NCP81220MNTXG AMI Semiconductor/onsemi	 NCP81220HMNTXG AMI Semiconductor/onsemi	 NCP81236 AMI Semiconductor/onsemi	 NCP81234MNTXG onsemi IC REG CNTRL BCK/BST I2C 28QFN	 NCP81236AMNTXG onsemi NCP81236 - IMVP8 CPU, THREE RAIL	 NCP81231MNTXG onsemi IC REG CTRLR USB-PD 32QFN
 NCP81226MNTXG onsemi THREERAIL CONTROLLER WI	 NCP81241MNTXG onsemi IC REG CTRLR INTEL 1OUT 28QFN	 NCP81243 AMI Semiconductor/onsemi	 NCP81228MNTXG AMI Semiconductor/onsemi	 NCP81239AMNTXG AMI Semiconductor / ON Semiconductor IC CTRLR I2C CONF SWITCHING 32QFN	 NCP81236MNTXG onsemi IC MULTIPHASE CONTROLLER QFN

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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