TAB A

Accused Product Part Number: NCP81255

onsemi

/ Products / Power Management
/ DC-DC Power Conversion / Controllers

Controllers | NCP81255

Show side navigation

Single-Phase Regulator for IMVP8

Inventory

Product Number: NCP81255MNTXG

Distributor	Stock	BUY
Mouser Electronics	2812	Buy

Powered by TrustedParts.com

Overview

The NCP81255 is a high-performance, low-bias current, single-phase regulator with integrated power MOSFETs intended to support a wide range of computing applications. The device is able to deliver up to 14 A TDC output current on an adjustable output with Intel proprietary interface interface. Operating in high switching frequency up to 1.2 MHz allows employing small size inductor andcapacitors. The controller makes use of ON

Greenthread Ex. 2030, p. 2
Semiconductor v. Greenthread
IPR2023-01242

operation and continuous-mode full-power operation. The NCP81255 has an ultra-low offset current monitor amplifier with programmable offset compensation for high-accuracy current monitoring.

Overview Technical Documentation

Product Overview

Applications

Features

Inventory

Product Number: NCP81255MNTXG

Distributor	Stock	BUY
Mouser Electronics	2812	Buy

Powered by TrustedParts.com

Product	Case Outline	MSL Type	MSL Temp (°C)	C Ty
NCP81255MNTXG	485DY	3	260	RI

About onsemi Investor Relations

Corporate Fact Sheet Governance

onsemi

Quality and Reliability
Ecosystem Partners
Intellectual Property
News
Stock Info
Resources

News & Media
Press Announcements
In The News
Blog

Careers
Experienced Careers
Early Careers
Search & Apply

Inventory

Product Number: NCP81255MNTXG

Distributor	Stock	BUY
Mouser Electronics	2812	Buy

Powered by TrustedParts.com

Language

Accessibility | Do Not Sell or Share My Personal Information | Subscribe | Cookie Policy | Terms of Sale | Terms of Use | Privacy | Site Map

© Copyright 1999-2023 Semiconductor Components Industries, LLC

(800) 346-6873

Change Location

MOUSER ELECTRONICS

All Part # / Keyword

0

See an Error?

Order online in **09:07:02** to ship **today**. Shipping Details

NCP81255MNTXG

onsemi

Share

Mouser #:
863-NCP81255MNTXG

Mfr. #:
NCP81255MNTXG

Mfr.:
onsemi

Customer #:
Customer #

Description:
Industrial Temperature Sensors INDUSTRIAL TEMPERATURE RANGE SINGLE PHASE VOLTAGE REGULATOR

Datasheet:
NCP81255MNTXG Datasheet (PDF)

ECAD Model:
Request Free CAD Models

Download the free Library Loader to convert this file for your ECAD Tool. Learn more about ECAD Model.

In Stock: 2,812

Stock:
2,812 Can Ship Immediately

Factory Lead-Time:
32 Weeks

Quantities greater than 2812 will be subject to minimum order requirements.

Minimum: 1 Multiples: 1
Enter Quantity:

Buy

Pricing (USD)

	Qty.	Unit Price	Ext. Price
Cut Tape / MouseReel™ †			

Greenthread Ex. 2030, p. 5
Semiconductor v. Greenthread
IPR2023-01242

Qty.	Unit Price	Ext. Price
1	$6.78	$6.78
10	$6.09	$60.90
100	$4.99	$499.00
500	$4.25	$2,125.00
1,000	$3.64	$3,640.00
Full Reel (Order in multiples of 5000)		
5,000	$3.09	$15,450.00
25,000	Quote	

† $7.00 MouseReel™ fee will be added and calculated in your shopping cart. All MouseReel™ orders are non-cancellable and non-returnable. ↩

FEATURED PRODUCTS ONSEMI

onsemi

View All Newest Products from onsemi

Specifications

Product Attribute	Attribute Value
Manufacturer:	onsemi
Product Category:	Industrial Temperature Sensors
RoHS:	RoHS Details
Packaging:	Reel
Packaging:	Cut Tape
Packaging:	MouseReel
Brand:	onsemi
Moisture Sensitive:	Yes
Product Type:	Temperature Sensors
Factory Pack Quantity:	5000
Subcategory:	Sensors
Unit Weight:	0.025694 oz

Documents (4)

Filter Document: Choose a document type

Datasheet

NCP81255MNTXG Datasheet (PDF)

EOL

Product Discontinuance Notification (PDF)

PCN

General Announcement - 2D Barcoding (PDF)

Temporary Suspension of ISO 9001 Certification for Hitachi Chemical Co., Ltd.

Greenthread Ex. 2030, p. 6
Semiconductor v. Greenthread
IPR2023-01242

Environmental Documents

Product Compliance

Get the Latest News

Enter your Email Subscribe

Call Us

Email Us

MOUSER ELECTRONICS®

1000 North Main Street
Mansfield, TX 76063
USA

CONNECT WITH US

Feedback

Privacy Center

Terms and Conditions

Accessibility

Sitemap

Copyright ©2023 Mouser Electronics, Inc.

Mouser® and Mouser Electronics® are trademarks of Mouser Electronics, Inc. All other trademarks are the property of their respective owners. Corporate headquarters and logistics center in Mansfield, Texas USA.

TAB B

Accused Product Part Number: NTJD4152P

onsemi

/ Products / Discrete & Power Modules / MOSFETs

MOSFETs | NTJD4152P

Inventory

Product Number: NTJD4152PT1G

Distributor	Stock	BUY
Mouser Electronics	**272101**	Buy
Flip Electronics	114000	Buy
Future Electronics	3000	Buy
Arrow Electronics	2392	Buy
DigiKey	33000	Buy
DigiKey	36085	Buy
DigiKey	36085	Buy

Powered by TrustedParts.com

Cookie Policy Privacy Policy
Do Not Sell My Personal Information (CCPA)

May we use optional analytics & marketing cookies to better serve you?

Reject Optional Cookies Accept Optional Cookies

Greenthread Ex. 2030, p. 9
Semiconductor v. Greenthread
IPR2023-01242

onsemi

Applications

Features

Inventory

Product Number: NTJD4152PT1G

Distributor	Stock	BUY
Mouser Electronics	**272101**	Buy
Flip Electronics	114000	Buy
Future Electronics	3000	Buy
Arrow Electronics	2392	Buy
DigiKey	33000	Buy
DigiKey	36085	Buy
DigiKey	36085	Buy

Powered by TrustedParts.com

Cookie Policy Privacy Policy
Do Not Sell My Personal Information (CCPA)

May we use optional analytics & marketing cookies to better serve you?

onsemi

Ecosystem Partners
Stock Info
Intellectual Property
Resources
News & Media
Careers

Inventory

Product Number: NTJD4152PT1G

Distributor	Stock	BUY
Mouser Electronics	**272101**	Buy
Flip Electronics	114000	Buy
Future Electronics	3000	Buy
Arrow Electronics	2392	Buy
DigiKey	33000	Buy
DigiKey	36085	Buy
DigiKey	36085	Buy

Powered by TrustedParts.com

Cookie Policy Privacy Policy
Do Not Sell My Personal Information (CCPA)

May we use optional analytics & marketing cookies to better serve you?

(800) 346-6873

Change Location

MOUSER ELECTRONICS

All Part # / Keyword

0

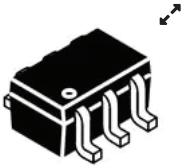
All Products > Semiconductors > Discrete Semiconductors > Transistors > MOSFET > onsemi NTJD4152PT1G

See an Error?

Order online in **10:37:51** to ship **today**. Shipping Details

NTJD4152PT1G

onsemi



Images are for reference only
See Product Specifications

Share

Mouser #:
863-NTJD4152PT1G

Mfr. #:
NTJD4152PT1G

Mfr.:
onsemi

Customer #:
Customer #

Description:
MOSFET 20V 0.88mA P-Channel ESD Protection

Datasheet:
NTJD4152PT1G Datasheet (PDF)

ECAD Model:
PCB Symbol, Footprint & 3D Model

Download the free Library Loader to convert this file for your ECAD Tool. Learn more about ECAD Model.

In Stock: 272,101

Stock:
272,101 Can Ship Immediately

Factory Lead-Time:
62 Weeks

Minimum: 1 Multiples: 1
Enter Quantity:

Buy

Pricing (USD)

Qty.	Unit Price	Ext. Price
Cut Tape / MouseReel™ †		

Greenthread Ex. 2030, p. 12
Semiconductor v. Greenthread
IPR2023-01242

Qty.	Unit Price	Ext. Price
1	$0.49	$0.49
10	$0.338	$3.38
100	$0.201	$20.10
1,000	$0.132	$132.00
Full Reel (Order in multiples of 3000)		
3,000	$0.121	$363.00
9,000	$0.114	$1,026.00
24,000	$0.111	$2,664.00
45,000	$0.106	$4,770.00

† $7.00 MouseReel™ fee will be added and calculated in your shopping cart. All MouseReel™ orders are non-cancellable and non-returnable. ↩

FEATURED PRODUCTS ONSEMI

NVBG070N120M3S Silicon Carbide (SiC) MOSFET

1200V M3S planar EliteSiC MOSFET designed for fast switching applications.
Learn More

NCV8415 Self-Protected Low Side MOSFET Drivers

Three-terminal, protected, smart, discrete FETs suitable for harsh automotive environments.
Learn More

Pairing Gate Drivers with EliteSiC MOSFETs

Full portfolio of Gate Drivers and EliteSiC Mosfets that, when paired, improve thermal performance.
Learn More

EliteSiC

Addresses the needs of demanding applications like solar inverters, and electric vehicle chargers.
Learn More

NVBG025N065SC1 Silicon Carbide (SiC) MOSFETs

Provide superior switching performance and higher reliability than Silicon.
Learn More

Specifications

Product Attribute	Attribute Value
Manufacturer:	onsemi
Product Category:	MOSFET
RoHS:	RoHS Details
Technology:	Si
Mounting Style:	SMD/SMT
Package / Case:	SOT-363-6
Transistor Polarity:	P-Channel
Number of Channels:	2 Channel
Vds - Drain-Source Breakdown Voltage:	20 V
Id - Continuous Drain Current:	880 mA
Rds On - Drain-Source Resistance:	1 Ohms

Vgs - Gate-Source Voltage:	- 12 V, + 12 V
Vgs th - Gate-Source Threshold Voltage:	1.2 V
Qg - Gate Charge:	2.2 nC
Minimum Operating Temperature:	- 55 C
Maximum Operating Temperature:	+ 150 C
Pd - Power Dissipation:	272 mW
Channel Mode:	Enhancement
Series:	NTJD4152P
Packaging:	Reel
Packaging:	Cut Tape
Packaging:	MouseReel
Brand:	onsemi
Configuration:	Dual
Fall Time:	3.5 ns
Forward Transconductance - Min:	3 S
Height:	0.9 mm
Length:	2 mm
Product:	MOSFET Small Signals
Product Type:	MOSFET
Rise Time:	6.5 ns
Factory Pack Quantity:	3000
Subcategory:	MOSFETs
Transistor Type:	2 P-Channel
Type:	MOSFET
Typical Turn-Off Delay Time:	13.5 ns
Typical Turn-On Delay Time:	5.8 ns
Width:	1.25 mm
Unit Weight:	0.000265 oz

Documents (8)

Filter Document: Choose a document type

Datasheet

NTJD4152PT1G Datasheet (PDF)

PCN

General Announcement - 2D Barcoding (PDF)

Product Change Notification (PDF)

Product Change Notification (PDF)

Temporary Suspension of ISO 9001 Certification for Hitachi Chemical Co., Ltd.

SPICE Models

P Spice Model

Spice 2 Model

Spice 3 Model

Environmental Documents

Greenthread Ex. 2030, p. 14
Semiconductor v. Greenthread
IPR2023-01242

Product Compliance

Customers Also Bought

Popular Searches:

Enhancement SMD/SMT 1 Channel Si N-Channel MOSFET , Through Hole N-Channel - 10 V, + 10 V MOSFET , DFN2020MD-6 MOSFET , 30 A Through Hole N-Channel 600 V MOSFET , 170 mA SMD/SMT SOT-23-3 6 Ohms 100 V MOSFET , 1.8 A N-Channel MOSFET

Get the Latest News

Enter your Email Subscribe

Call Us

Email Us

MOUSER ELECTRONICS®

1000 North Main Street
Mansfield, TX 76063
USA

CONNECT WITH US

Feedback

Privacy Center

Terms and Conditions

Accessibility

Sitemap

Copyright ©2023 Mouser Electronics, Inc.

Mouser® and Mouser Electronics® are trademarks of Mouser Electronics, Inc. All other trademarks are the property of their respective owners. Corporate headquarters and logistics center in Mansfield, Texas USA.

TAB C

Accused Product Part Number: NVJD4152P

onsemi

/ Products / Discrete & Power Modules / MOSFETs

MOSFETs | NVJD4152P

Show side navigation

Dual P−Channel Trench Small Signal ESD Protected MOSFET 20V, 0.88A, 260mΩ

Inventory

Product Number: NVJD4152PT1G

Distributor	Stock	BUY
Rochester Electronics	62524	Buy

Powered by TrustedParts.com

We've put some small files called cookies on your device to make our site work.

We'd also like to make use of optional analytics & marketing cookies. These send information about your device to **onsemi** & our advertising partners. We use this information to improve your experience on our site, personalize content and advertising, and analyze our site traffic.

Cookie Policy Privacy Policy
Do Not Sell My Personal Information (CCPA)

May we use optional analytics & marketing cookies to better serve you?

Reject Optional Cookies Accept Optional Cookies

Greenthread Ex. 2030, p. 17
Semiconductor v. Greenthread
IPR2023-01242

onsemi

Overview Technical Documentation

Applications

End Products

Features

Material Composition Product Change Notification

Inventory

Product Number: NVJD4152PT1G

Distributor	Stock	BUY
Rochester Electronics	62524	Buy

Powered by TrustedParts.com

We've put some small files called cookies on your device to make our site work.

We'd also like to make use of optional analytics & marketing cookies. These send information about your device to **onsemi** & our advertising partners. We use this information to improve your experience on our site, personalize content and advertising, and analyze our site traffic.

Cookie Policy Privacy Policy
Do Not Sell My Personal Information (CCPA)

May we use optional analytics & marketing cookies to better serve you?

onsemi

Quality and Reliability
Ecosystem Partners
Intellectual Property
News & Media
Press Announcements
In The News
Blog

News
Stock Info
Resources
Careers
Experienced Careers
Early Careers
Search & Apply

Inventory

Product Number: NVJD4152PT1G

Distributor	Stock	BUY
Rochester Electronics	62524	Buy

Powered by TrustedParts.com

We've put some small files called cookies on your device to make our site work.

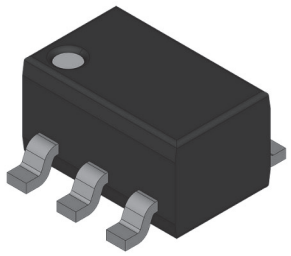
We'd also like to make use of optional analytics & marketing cookies. These send information about your device to **onsemi** & our advertising partners. We use this information to improve your experience on our site, personalize content and advertising, and analyze our site traffic.

Cookie Policy Privacy Policy
Do Not Sell My Personal Information (CCPA)

May we use optional analytics & marketing cookies to better serve you?

NVJD4152PT1G

RoHS Compliant Lead Free



See product data sheet for exact product image.

In Stock:	62,524
Manufacturer:	onsemi
Category:	MOSFETs/FETs
Description:	NVJD4152 - Dual P-Channel Trench Small Signal ESD Protected MOSFET 20V, 0.88A

Contact Support (/contact/contact-us)	Download (https://rocelec.widen.net/view/pdf/p3piq2fes2/ONSM-DatasheetS-A0008366460-1.pdf?t.download=true&u=5oefqw)	Share Part (mailto:?subject=NVJD4152PT1G&body=htt %2Frocelec.widen.net%2Fview%2Fpdf%2Fp3 S-A0008366460-1.pdf%3Ft.download%3Dtr

Resources

NVJD4152PT1G Data Sheet (https://rocelec.widen.net/view/pdf/p3piq2fes2/ONSM-S-A0008366460-1.pdf?t.download=true&u=5oefqw)
(https://rocelec.widen.net/view/pdf/p3piq2fes2/ONSM-S-A0008366460-1.pdf?t.download=true&u=5oefqw)

Product Specifications

Part Number	NVJD4152PT1G
Description	NVJD4152 - Dual P-Channel Trench Small Signal ESD Protected MOSFET 20V, 0.88A
RoHS	YES

Greenthread Ex. 2030, p. 20
Semiconductor v. Greenthread
IPR2023-01242

Privacy - Terms

Lifecycle Status	Active
Part Type	MOSFETs/FETs
Product Family	Discretes
Base Part Number	NVJD4152P
EOL Date	01/01/0001 00:00:00
Mfr. Cage Code	ONS
Rad Hard	Automotive - AEC
Harmonized Code	8541.29.0095
Product Group	Transistors
Product Category	MOSFETs/FETs
Package	SC-88 (SC-70-6)
Pin Count	6
Packaging Type	Tape & Reel
Lead Free	YES
EU RoHS	YES
China RoHS	UNDEFINED
Manufacturer	onsemi

Purchase

1724

There is a minimum quantity of 1,724 and a maximum quantity of 62,524 for this product.

Estimated Ext. Price: $249.98

Add To Cart

Pricing

Qty.	Unit Price
1 – 24	$0.1706
25 – 99	$0.1672
100 – 499	$0.1604
500 – 999	$0.1536
1000+	$0.1450

SUBSCRIBE TO OUR NEWSLETTER

Get the latest news, articles, and resources in your inbox weekly.

Subscribe

Rochester Electronics

(/)

(https://www.linkedin.com/company/rochester-electronics)

(https://www.facebook.com/RochesterElectronicsLLC/)

(https://www.youtube.com/channel/UChx3vcZTygq9LmKB-Ibg4rQ)

© 2023 Rochester Electronics. All Rights Reserved.

Privacy Policy | (/privacy-policy)Cookie Policy (/cookie-policy)

Terms and Conditions (/terms-and-conditions) | GDPR Policy (/gdpr-policy)

Slavery and Human Trafficking Statement (/slavery-and-human-trafficking-statement)

Greenthread Ex. 2030, p. 22
Semiconductor v. Greenthread
IPR2023-01242

TAB D

Accused Product Part Number: NCP81243

onsemi

/ Products / Power Management
/ DC-DC Power Conversion / Controllers

Controllers | NCP81243

Show side navigation

Inventory

Product Number: NCP81243MNTXG

Distributor	Stock	BUY
DigiKey	2500	Buy
DigiKey	2500	Buy
DigiKey	2500	Buy

Powered by TrustedParts.com

We'd also like to make use of optional analytics & marketing cookies. These send information about your device to **onsemi** & our advertising partners. We use this information to improve your experience on our site, personalize content and advertising, and analyze our site traffic.

Cookie Policy Privacy Policy
Do Not Sell My Personal Information (CCPA)

May we use optional analytics & marketing cookies to better serve you?

Reject Optional Cookies Accept Optional Cookies

Greenthread Ex. 2030, p. 24
Semiconductor v. Greenthread
IPR2023-01242

onsemi

Overview Technical Documentation

Product Overview

Applications

Features

Inventory

Product Number: NCP81243MNTXG

Distributor	Stock	BUY
DigiKey	2500	Buy
DigiKey	2500	Buy
DigiKey	2500	Buy

Powered by TrustedParts.com

We'd also like to make use of optional analytics & marketing cookies. These send information about your device to **onsemi** & our advertising partners. We use this information to improve your experience on our site, personalize content and advertising, and analyze our site traffic.

Cookie Policy Privacy Policy
Do Not Sell My Personal Information (CCPA)

May we use optional analytics & marketing cookies to better serve you?

Inventory

Product Number: NCP81243MNTXG

Distributor	Stock	BUY
DigiKey	2500	Buy
DigiKey	2500	Buy
DigiKey	2500	Buy

Powered by TrustedParts.com

We'd also like to make use of optional analytics & marketing cookies. These send information about your device to **onsemi** & our advertising partners. We use this information to improve your experience on our site, personalize content and advertising, and analyze our site traffic.

Cookie Policy Privacy Policy
Do Not Sell My Personal Information (CCPA)

May we use optional analytics & marketing cookies to better serve you?

NCP81243MNTXG

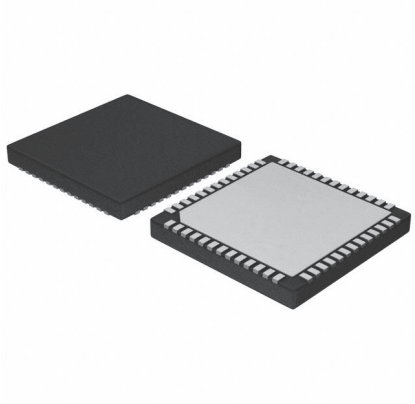


Image shown is a representation only. Exact specifications should be obtained from the product data sheet.

Digi-Key Part Number

NCP81243MNTXGOSTR-ND - Tape & Reel (TR)
NCP81243MNTXGOSCT-ND - Cut Tape (CT)
NCP81243MNTXGOSDKR-ND - Digi-Reel®

Manufacturer

onsemi

Manufacturer Product Number

NCP81243MNTXG

Description

IC REG CTRLR IMVP8 1OUT 52QFN

Manufacturer Standard Lead Time

32 Weeks

Greenthread Ex. 2030, p. 27
Semiconductor v. Greenthread
IPR2023-01242

Detailed Description

- Controller, Intel IMVP8 Voltage Regulator IC 1 Output 52-QFN (6x6)

Customer Reference

Customer Reference

Datasheet

In-Stock: 2,500

All prices are in USD

Cut Tape (CT) & Digi-Reel®

QTY	UNIT PRICE	EXT PRICE
1	$3.18000	$3.18
10	$2.85600	$28.56
25	$2.70040	$67.51
100	$2.22030	$222.03
250	$1.99232	$498.08
500	$1.92030	$960.15
1,000	$1.59624	$1,596.24

* All Digi-Reel orders will add a $7.00 reeling fee.

Tape & Reel (TR)

QTY	UNIT PRICE	EXT PRICE
2,500	$1.53624	$3,840.60
5,000	$1.48823	$7,441.15

Manufacturers Standard Package

Product Attributes

TYPE	DESCRIPTION
Category	Integrated Circuits (ICs) Power Management (PMIC) Special Purpose Regulators
Mfr	onsemi
Series	-
Package	Tape & Reel (TR) Cut Tape (CT) Digi-Reel®
Product Status	Active
Applications	Controller, Intel IMVP8
Voltage - Input	4.5V ~ 20V
Number of Outputs	1
Voltage - Output	-
Operating Temperature	-40°C ~ 125°C
Mounting Type	Surface Mount
Package / Case	52-VFQFN Exposed Pad
Supplier Device Package	52-QFN (6x6)
Base Product Number	NCP81243

Documents & Media

RESOURCE TYPE	LINK
Datasheets	NCP81243

Greenthread Ex. 2030, p. 29
Semiconductor v. Greenthread
IPR2023-01242

RESOURCE TYPE	LINK
Environmental Information	Material Declaration NCP81243MNTXG onsemi RoHS

Environmental & Export Classifications

ATTRIBUTE	DESCRIPTION
RoHS Status	ROHS3 Compliant
Moisture Sensitivity Level (MSL)	1 (Unlimited)
REACH Status	REACH Unaffected
ECCN	EAR99
HTSUS	8542.39.0001

You May Also Be Interested In

VN5E010AHTR-E

IC PWR DRIVER N-CHAN 1:1 6HPAK

STMicroelectronics

$4.38000 Details

L99MM70XPTR

IC MTR DRVR 5.5-24.5V 36POWERSSO

Greenthread Ex. 2030, p. 30
Semiconductor v. Greenthread
IPR2023-01242

STMicroelectronics

$8.87000 Details

Additional Resources

ATTRIBUTE	DESCRIPTION
Other Names	ONSONSNCP81243MNTXG NCP81243MNTXGOSTR 2156-NCP81243MNTXG-OS NCP81243MNTXGOSDKR NCP81243MNTXGOSCT
Standard Package	2,500

1-800-344-4539 218-681-6674 sales@digikey.com 218-681-3380

United States | Copyright © 1995-2023, DigiKey. | All Rights Reserved.

Local Support: 701 Brooks Avenue South, Thief River Falls, MN 56701 USA

Do Not Sell / Do Not Share My Personal Information

TAB E

Accused Product Part Number: NCP81248

onsemi

/ Products / Power Management
/ DC-DC Power Conversion / Controllers

Controllers | NCP81248

Show side navigation

Inventory

Product Number: NCP81248MNTXG

Distributor	Stock	BUY
Flip Electronics	12500	Buy
DigiKey	2490	Buy
DigiKey	2490	Buy

Powered by TrustedParts.com

We'd also like to make use of optional analytics & marketing cookies. These send information about your device to **onsemi** & our advertising partners. We use this information to improve your experience on our site, personalize content and advertising, and analyze our site traffic.

Cookie Policy Privacy Policy
Do Not Sell My Personal Information (CCPA)

May we use optional analytics & marketing cookies to better serve you?

Reject Optional Cookies Accept Optional Cookies

transitions betweendiscontinuous frequency scaling operation and continuous mode fullpower operation. The single−phase rails have a low offset currentmonitor amplifier with

Overview Technical Documentation

Product Overview

Inventory

Product Number: NCP81248MNTXG

Distributor	Stock	BUY
Flip Electronics	12500	Buy
DigiKey	2490	Buy
DigiKey	2490	Buy

Powered by TrustedParts.com

We'd also like to make use of optional analytics & marketing cookies. These send information about your device to **onsemi** & our advertising partners. We use this information to improve your experience on our site, personalize content and advertising, and analyze our site traffic.

Cookie Policy Privacy Policy
Do Not Sell My Personal Information (CCPA)

May we use optional analytics & marketing cookies to better serve you?

Inventory

Product Number: NCP81248MNTXG

Distributor	Stock	BUY
Flip Electronics	12500	Buy
DigiKey	2490	Buy
DigiKey	2490	Buy

Powered by TrustedParts.com

We'd also like to make use of optional analytics & marketing cookies. These send information about your device to **onsemi** & our advertising partners. We use this information to improve your experience on our site, personalize content and advertising, and analyze our site traffic.

Cookie Policy Privacy Policy
Do Not Sell My Personal Information (CCPA)

May we use optional analytics & marketing cookies to better serve you?

NCP81248MNTXG

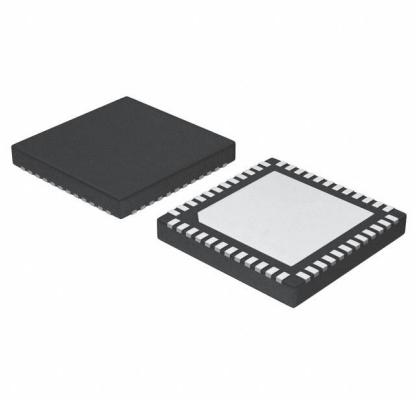


Image shown is a representation only. Exact specifications should be obtained from the product data sheet.

Digi-Key Part Number

488-NCP81248MNTXGTR-ND - Tape & Reel (TR)
488-NCP81248MNTXGCT-ND - Cut Tape (CT)
488-NCP81248MNTXGDKR-ND - Digi-Reel®

Manufacturer

onsemi

Manufacturer Product Number

NCP81248MNTXG

Description

IC CONTROLLER MULTIPHASE 48QFN

Manufacturer Standard Lead Time

32 Weeks

Greenthread Ex. 2030, p. 36
Semiconductor v. Greenthread
IPR2023-01242

Detailed Description

- Controller, Intel IMVP8 Voltage Regulator IC 3 Output 48-QFN (6x6)

Customer Reference

Customer Reference

Datasheet

In-Stock: 2,490

All prices are in USD

Cut Tape (CT) & Digi-Reel®

QTY	UNIT PRICE	EXT PRICE
1	$3.52000	$3.52
10	$3.15900	$31.59
25	$2.98600	$74.65
100	$2.45520	$245.52
250	$2.20304	$550.76
500	$2.12342	$1,061.71
1,000	$1.76510	$1,765.10

* All Digi-Reel orders will add a $7.00 reeling fee.

Tape & Reel (TR)

QTY	UNIT PRICE	EXT PRICE
2,500	$1.69874	$4,246.85
5,000	$1.64565	$8,228.25

Manufacturers Standard Package

Product Attributes

TYPE	DESCRIPTION
Category	Integrated Circuits (ICs) Power Management (PMIC) Special Purpose Regulators
Mfr	onsemi
Series	-
Package	Tape & Reel (TR) Cut Tape (CT) Digi-Reel®
Product Status	Active
Applications	Controller, Intel IMVP8
Voltage - Input	4.75V ~ 5.25V
Number of Outputs	3
Voltage - Output	-
Operating Temperature	-40°C ~ 100°C (TA)
Mounting Type	Surface Mount
Package / Case	48-VFQFN Exposed Pad
Supplier Device Package	48-QFN (6x6)
Base Product Number	NCP81248

Documents & Media

RESOURCE TYPE	LINK
Datasheets	NCP81248

Greenthread Ex. 2030, p. 38
Semiconductor v. Greenthread
IPR2023-01242

RESOURCE TYPE	LINK
Environmental Information	Material Declaration NCP81248MNTXG onsemi REACH onsemi RoHS
HTML Datasheet	NCP81248

Environmental & Export Classifications

ATTRIBUTE	DESCRIPTION
RoHS Status	ROHS3 Compliant
Moisture Sensitivity Level (MSL)	1 (Unlimited)
REACH Status	REACH Unaffected
ECCN	EAR99
HTSUS	8542.39.0001

Additional Resources

ATTRIBUTE	DESCRIPTION
Other Names	NCP81248MNTXG-ND 488-NCP81248MNTXGDKR 2832-NCP81248MNTXGTR 488-NCP81248MNTXGCT 488-NCP81248MNTXGTR
Standard Package	2,500

ATTRIBUTE	DESCRIPTION

1-800-344-4539 218-681-6674 sales@digikey.com 218-681-3380

United States | Copyright © 1995-2023, DigiKey. | All Rights Reserved.
Local Support: 701 Brooks Avenue South, Thief River Falls, MN 56701 USA

Do Not Sell / Do Not Share My Personal Information