NCP252160MNTWG

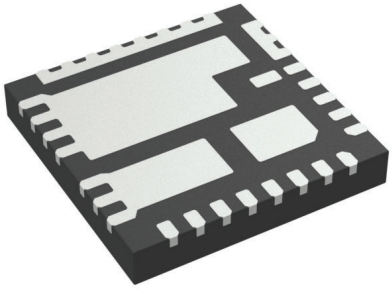

Image shown is a representation only. Exact specifications should be obtained from the product data sheet.

Digi-Key Part Number

488-NCP252160MNTWGTR-ND - Tape & Reel (TR)
488-NCP252160MNTWGCT-ND - Cut Tape (CT)
488-NCP252160MNTWGDKR-ND - Digi-Reel®

Manufacturer

onsemi

Manufacturer Product Number

NCP252160MNTWG

Description

IC HALF BRIDGE DRIVER 60A 31PQFN

Manufacturer Standard Lead Time

32 Weeks

Greenthread Ex. 2038, p. 1
Semiconductor v. Greenthread
IPR2023-01244

Detailed Description

Half Bridge Driver DC-DC Converters N-Channel MOSFET 31-PQFN (5x5)

Customer Reference

Customer Reference

Datasheet

In-Stock: 2,387

All prices are in USD

Cut Tape (CT) & Digi-Reel®

QTY	UNIT PRICE	EXT PRICE
1	$2.70000	$2.70
10	$2.42900	$24.29
25	$2.29200	$57.30
100	$1.83360	$183.36
250	$1.60436	$401.09
500	$1.55852	$779.26
1,000	$1.23765	$1,237.65

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

Tape & Reel (TR)

QTY	UNIT PRICE	EXT PRICE
3,000	$1.19181	$3,575.43
6,000	$1.14597	$6,875.82

Manufacturers Standard Package

Greenthread Ex. 2038, p. 2
Semiconductor v. Greenthread
IPR2023-01244

Product Attributes

TYPE	DESCRIPTION
Category	Integrated Circuits (ICs) Power Management (PMIC) Full Half-Bridge (H Bridge) Drivers
Mfr	onsemi
Series	-
Package	Tape & Reel (TR) Cut Tape (CT) Digi-Reel®
Product Status	Active
Output Configuration	Half Bridge
Applications	DC-DC Converters
Interface	PWM
Load Type	Inductive, Capacitive, Resistive
Technology	N-Channel MOSFET
Current - Output / Channel	60A
Voltage - Supply	4.5V ~ 5.5V
Voltage - Load	4.5V ~ 16V
Operating Temperature	-40°C ~ 125°C (TA)
Features	Bootstrap Circuit
Mounting Type	Surface Mount
Package / Case	31-PowerWFQFN
Supplier Device Package	31-PQFN (5x5)
Base Product Number	NCP252160

Documents & Media

RESOURCE TYPE	LINK
Datasheets	NCP252160
PCN Assembly/Origin	Mult Dev 05/Oct/2022

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

Photo Not Available

NCP252163MNTWG

IC HALF BRIDGE DRIVER 60A 31PQFN

onsemi

$1.27613 Details

Additional Resources

ATTRIBUTE	DESCRIPTION
Other Names	2832-NCP252160MNTWGTR 488-NCP252160MNTWGDKR 2156-NCP252160MNTWG-488 488-NCP252160MNTWGTR 488-NCP252160MNTWGCT
Standard Package	3,000

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

Greenthread Ex. 2038, p. 5
Semiconductor v. Greenthread
IPR2023-01244