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All Products > Semiconductors > Power Management ICs > Gate Drivers > onsemi NCP252160MNTWG

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NCP252160MNTWG



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Mouser #:
863-NCP252160MNTWG

Mfr. #:
NCP252160MNTWG

Mfr.:
onsemi

Customer #:

Customer #

Description:
Gate Drivers 25V/60A INTEGRATED DRIVER AND MOSFETS

Datasheet:
 NCP252160MNTWG Datasheet (PDF)

ECAD Model:
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Availability

Stock:
0 Notify me when product is in stock.
You can still purchase this product for backorder.

On Order:
3,000 Expected 22-Dec-23

Factory Lead-Time:
63 Weeks 

Long lead time reported on this product.

Minimum: 1 Multiples: 1

Enter Quantity:

Buy

Pricing (USD)

	Qty.	Unit Price	Ext. Price
<i>Cut Tape / MouseReel™ †</i>			
	1	\$2.70	\$2.70
	10	\$2.30	\$23.00
	100	\$1.84	\$184.00
	250	\$1.61	\$402.50
	500	\$1.56	\$780.00
	1,000	\$1.24	\$1,240.00
<i>Full Reel (Order in multiples of 3000)</i>			
	3,000	\$1.20	\$3,600.00

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

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ONSEMI



Pairing Gate Drivers with EliteSiC MOSFETs

Full portfolio of Gate Drivers and EliteSiC Mosfets that, when paired, improve thermal performance.
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NCV84120 Self-Protected High-Side Driver

A fully protected single-channel device designed to switch a wide variety of loads.
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Easy-to-use, multi-purpose 3-phase gate drivers optimized for low BOM cost.
Learn More



Specifications



Product Attribute	Attribute Value
Manufacturer:	onsemi
Product Category:	Gate Drivers
RoHS:	 Details
REACH (Registration, Evaluation, Authorisation and Restriction of Chemicals) - SVHC (Substance of Very High Concern):	Details
Product:	MOSFET Gate Drivers
Type:	High-Side, Low-Side
Mounting Style:	SMD/SMT
Package / Case:	PQFN-31
Number of Drivers:	2 Driver

Number of Outputs:	2 Output
Output Current:	55 A
Supply Voltage - Min:	4.5 V
Supply Voltage - Max:	5.5 V
Rise Time:	12 ns
Fall Time:	6 ns
Minimum Operating Temperature:	- 40 C
Maximum Operating Temperature:	+ 125 C
Packaging:	Reel
Packaging:	Cut Tape
Packaging:	MouseReel
Brand:	onsemi
Input Voltage, Max:	16 V
Input Voltage, Min:	4.5 V
Maximum Turn-Off Delay Time:	65 ns
Maximum Turn-On Delay Time:	35 ns
Operating Supply Current:	30 mA
Product Type:	Gate Drivers
Rds On - Drain-Source Resistance:	0.9 Ohms
Factory Pack Quantity:	3000
Subcategory:	PMIC - Power Management ICs

Documents (2) ^

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Datasheet

 NCP252160MNTWG Datasheet (PDF)

PCN

 Product Change Notification (PDF)

Environmental Documents v

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