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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 |
|---|---|---|
| ***Cut Tape / MouseReel™ †*** | | |
| **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 |
| ***Full Reel (Order in multiples of 3000)*** | | |
| **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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## Specifications

| Product Attribute | Attribute Value |
|---|---|
| **Manufacturer:** | onsemi |
| **Product Category:** | Gate Drivers |
| **RoHS:** | 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 |



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| | |
|---|---|
| **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)

**Filter Document:** Choose a document type

***Datasheet***

NCP252160MNTWG Datasheet (PDF)

***PCN***

Product Change Notification (PDF)

## Environmental Documents



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## Product Compliance

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