

NCP3420DR2G



ON Semiconductor®



Part Number:

NCP3420DR2G

Manufacturer:

AMI Semiconductor / ON Semiconductor

Description:

IC MOSFET DRIVER DUAL 12V 8-SOIC

Data sheet:

 [NCP3420](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

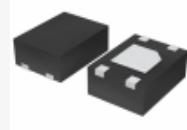
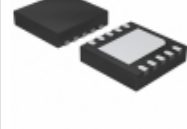
Shipment Way:

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                |                                           |                                  |                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                      | NCP3420DR2G                               | Manufacturer                     | <a href="#">AMI Semiconductor / ON Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                      | IC MOSFET DRIVER DUAL 12V 8-SOIC          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                               | 255733 pcs                                | Data sheet                       | <a href="#">NCP3420</a>                              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                         | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                 | 4.6 V ~ 13.2 V                                       |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                          | 8-SOIC                                    | Series                           | -                                                    |
| Rise / Fall Time (Typ)                                                                                                                                                                                                                                                                                                                                                                                                                           | 16ns, 11ns                                | Packaging                        | Original-Reel®                                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                   | 8-SOIC (0.154", 3.90mm Width)             | Other Names                      | NCP3420DR2GOSDKR                                     |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                            | 0°C ~ 150°C (TJ)                          | Number of Drivers                | 2                                                    |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                    | Surface Mount                             | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                        |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                  | 26 Weeks                                  | Logic Voltage - VIL, VIH         | 0.8V, 2V                                             |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                   | Lead free / RoHS Compliant                | Input Type                       | Non-Inverting                                        |
| High Side Voltage - Max (Bootstrap)                                                                                                                                                                                                                                                                                                                                                                                                              | 35V                                       | Gate Type                        | N-Channel MOSFET                                     |
| Driven Configuration                                                                                                                                                                                                                                                                                                                                                                                                                             | Half-Bridge                               | Detailed Description             | Half-Bridge Gate Driver IC Non-Inverting 8-SOIC      |
| Current - Peak Output (Source, Sink)                                                                                                                                                                                                                                                                                                                                                                                                             | -                                         | Channel Type                     | Synchronous                                          |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                 | NCP3420                                   |                                  |                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                                     |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">NCP3418BDR2G</a><br>Description: IC MOSFET DRIVER DUAL 12V 8-SOIC  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP341MUTBG</a><br>Description: IC LOAD SWITCH LOW VOLT SMD        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP3418DR2</a><br>Description: IC MOSFET DRIVER DUAL 12V 8-SOIC    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP340MUTBG</a><br>Description: IC LOAD SWITCH W/DIS 3A            | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP347MTAHTBG</a><br>Description: IC OVERVOLTAGE PROT CTRLR 10WDFN | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP345EVB</a><br>Description: EVAL BOARD FOR NCP345                | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP3420MNR2G</a><br>Description: IC MOSFET DRIVER DUAL 12V 8-DFN   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP347MTAFTBG</a><br>Description: IC OVERVOLTAGE PROT CTRLR 10WDFN | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP346SN1EVB</a><br>Description: EVAL BOARD FOR NCP346SN1          | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP3418DR2G</a><br>Description: IC MOSFET DRIVER DUAL 12V 8-SOIC   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP345SNT1G</a><br>Description: IC DETECTOR OVER VOLTAGE 5TSOP     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP3418ADR2G</a><br>Description: IC MOSFET DRIVER DUAL 12V 8-SOIC  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP345SNT1</a><br>Description: IC OVERVOLT PROT CTRLR 5TSOP        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP347MTAETBG</a><br>Description: IC OVERVOLTAGE PROT CTRLR 10WDFN | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP346SN1T1G</a><br>Description: IC DETECTOR OVER VOLTAGE 5TSOP    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP3418ADR2</a><br>Description: IC MOSFET DRIVER DUAL 12V 8-SOIC   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP3418BMNR2G</a><br>Description: IC MOSFET DRIVER DUAL 12V 10-DFN | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP3418APDR2</a><br>Description: IC MOSFET DRIVER DUAL 12V 8-SOIC  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP339BFCT2G</a><br>Description: IC LOAD SWITCH W/DIS 3A           | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP346SN2T1G</a><br>Description: IC DETECTOR OVER VOLTAGE 5TSOP    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |

| Related keywords for NCP3420DR2G                      |                                                     |                                                          |                                                           |
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|                                                       | NCP3420DR2G download datasheet                      | NCP3420DR2G datasheet                                    | NCP3420DR2G stock                                         |
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