

NCP3418DR2G



ON Semiconductor®



Part Number:

NCP3418DR2G

Manufacturer:

AMI Semiconductor / ON Semiconductor

Description:

IC MOSFET DRIVER DUAL 12V 8-SOIC

Data sheet:

 [NCP3418\(A\)](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

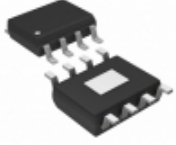
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                           |                                |                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | NCP3418DR2G                               | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 166837 pcs                                | Data sheet                     | <a href="#">NCP3418(A)</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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 18ns, 10ns                                | Packaging                      | Tape & Reel (TR)                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 8-SOIC (0.154", 3.90mm Width)             | Operating Temperature          | 0°C ~ 150°C (TJ)                                     |
| Number of Drivers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2                                         | Mounting Type                  | Surface Mount                                        |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1 (Unlimited)                             | 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)                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 30V                                       | 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | NCP3418                                   |                                |                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                                     |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">NCP3418DR2</a><br>Description: IC MOSFET DRIVER DUAL 12V 8-SOIC    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP345SNT1</a><br>Description: IC OVERVOLT PROT CTRLR 5TSOP        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP346SN2T1G</a><br>Description: IC DETECTOR OVER VOLTAGE 5TSOP    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP339BFCT2G</a><br>Description: IC LOAD SWITCH W/DIS 3A           | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP3418ADR2G</a><br>Description: IC MOSFET DRIVER DUAL 12V 8-SOIC  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP339AFCT2G</a><br>Description: IC LOAD SWITCH W/DIS 3A 6WLCSP    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP3418APDR2</a><br>Description: IC MOSFET DRIVER DUAL 12V 8-SOIC  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP338FCCT2GEVB</a><br>Description: EVAL BOARD NCP338FCCT2G        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP340MUTBG</a><br>Description: IC LOAD SWITCH W/DIS 3A            | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP3420DR2G</a><br>Description: IC MOSFET DRIVER DUAL 12V 8-SOIC   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP345EVB</a><br>Description: EVAL BOARD FOR NCP345                | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP347MTAETBG</a><br>Description: IC OVERVOLTAGE PROT CTRLR 10WDFN | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP341MUTBG</a><br>Description: IC LOAD SWITCH LOW VOLT SMD        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP3418ADR2</a><br>Description: IC MOSFET DRIVER DUAL 12V 8-SOIC   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP346SN1T1G</a><br>Description: IC DETECTOR OVER VOLTAGE 5TSOP    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP3420MNR2G</a><br>Description: IC MOSFET DRIVER DUAL 12V 8-DFN   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP3418BMNR2G</a><br>Description: IC MOSFET DRIVER DUAL 12V 10-DFN | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP3418BDR2G</a><br>Description: IC MOSFET DRIVER DUAL 12V 8-SOIC  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP345SNT1G</a><br>Description: IC DETECTOR OVER VOLTAGE 5TSOP     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP346SN1EVB</a><br>Description: EVAL BOARD FOR NCP346SN1          | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |

|                                                       |                                      |                                           |                                            |
|-------------------------------------------------------|--------------------------------------|-------------------------------------------|--------------------------------------------|
| Related keywords for <b>NCP3418DR2G</b>               |                                      |                                           |                                            |
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