

NCP5422ADR2G



ON Semiconductor®



Part Number:

NCP5422ADR2G

Manufacturer:

AMI Semiconductor / ON Semiconductor

Description:

IC REG CTRLR BUCK 16SOIC

Data sheet:

 [NCP5422A](#)

RoHS Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

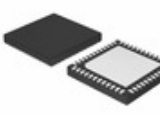
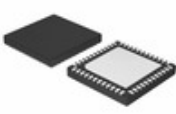
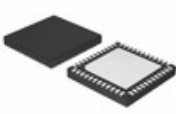
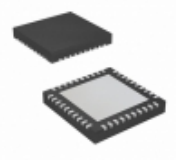
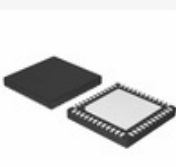
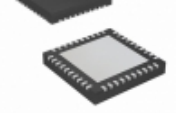
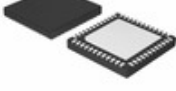
Shipment Way:

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Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                      |                                  |                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|----------------------------------|------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | NCP5422ADR2G                                                         | Manufacturer                     | <a href="#">AMI Semiconductor / ON Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC REG CTRLR BUCK 16SOIC                                             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 4643 pcs                                                             | Data sheet                       | <a href="#">NCP5422A</a>                             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a>                            | Voltage - Supply (Vcc/Vdd)       | 7.8 V ~ 16 V                                         |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Buck                                                                 | Synchronous Rectifier            | Yes                                                  |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 16-SOIC                                                              | Series                           | -                                                    |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                    | Packaging                        | Tape & Reel (TR)                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 16-SOIC (0.154", 3.90mm Width)                                       | Output Type                      | Transistor Driver                                    |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                                                                    | Output Configuration             | Positive                                             |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | NCP5422ADR2GOS<br>NCP5422ADR2GOS-ND<br>NCP5422ADR2GOSTR              | Operating Temperature            | 0°C ~ 70°C (TA)                                      |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1                                                                    | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                        |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Lead free / RoHS Compliant                                           | Function                         | Step-Down                                            |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 150kHz ~ 600kHz                                                      | Duty Cycle (Max)                 | 100%                                                 |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Buck Regulator Positive Output Step-Down DC-DC Controller IC 16-SOIC | Control Features                 | Frequency Control                                    |
| Clock Sync                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | No                                                                   | Base Part Number                 | NCP5422                                              |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                                     |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">NCP5393MNR2G</a><br>Description: IC CTRLR 2/3/4PHASE CPU 48-QFN    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP5424EVB</a><br>Description: EVAL BOARD FOR NCP5424              | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP5425DB</a><br>Description: IC REG CTRLR BUCK 20TSSOP            | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP5424DG</a><br>Description: IC REG CTRLR BUCK 16SOIC             | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP5395MNR2G</a><br>Description: IC PHASE CONTROLLER 2/3/4 48-QFN  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP5422EVB</a><br>Description: EVAL BOARD FOR NCP5422              | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP5422ADR2</a><br>Description: IC REG CTRLR BUCK 16SOIC           | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP5425DBG</a><br>Description: IC REG CTRLR BUCK 20TSSOP           | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP5393BMNR2G</a><br>Description: IC CTRLR 2/3/4PHASE CPU 48QFN    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP5398MNR2G</a><br>Description: IC CTRLR BUCK 40-QFN              | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP5399FTR2G</a><br>Description: IC CTRLR BUCK 32-LQFP             | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP5395TMNR2G</a><br>Description: IC PHASE CONTROLLER 2/3/4 48-QFN | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP5425DBR2</a><br>Description: IC REG CTRLR BUCK 20TSSOP          | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP5424AD</a><br>Description: IC REG CTRLR BUCK 16SOIC             | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP5399MNR2G</a><br>Description: IC CTRLR BUCK 40-QFN              | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP5395GMNR2G</a><br>Description: IC PHASE CONTROLLER 2/3/4 48-QFN | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP5393AMNR2G</a><br>Description: IC PHASE CONTROLLER 2/3/4 48-QFN | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP5424DR2G</a><br>Description: IC REG CTRLR BUCK 16SOIC           | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP5424D</a><br>Description: IC REG CTRLR BUCK 16SOIC              | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP5424DR2</a><br>Description: IC REG CTRLR BUCK 16SOIC            | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |

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|--------------------------------------------------------|------------------------------------------------------|-----------------------------------------------------------|------------------------------------------------------------|
| Related keywords for <b>NCP5422ADR2G</b>               |                                                      |                                                           |                                                            |
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