

**AMI Semiconductor / ON**

### Semiconductor

## NCP1562BDR2G

|                      |                                      |
|----------------------|--------------------------------------|
| Part Number:         | NCP1562BDR2G                         |
| Manufacturer/Brand:  | AMI Semiconductor / ON Semiconductor |
| Product description: | IC REG CTRLR FWRD CONV 16SOIC        |
| Datasheets:          | <a href="#">NCP1562BDR2G.pdf</a>     |
| RoHS Status:         | Lead free / RoHS Compliant           |
| Stock Condition:     | 72263 pcs stock                      |
| Ship From:           | Hong Kong                            |
| Shipment Way:        | DHL/Fedex/TNT/UPS/EMS                |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

### Specifications of NCP1562BDR2G

|                                  |  |
|----------------------------------|--|
| PART NUMBER                      | NCP1562BDR2G   |
| MANUFACTURER                     | AMI Semiconductor / ON Semiconductor   |
| DESCRIPTION                      | IC REG CTRLR FWRD CONV 16SOIC  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant   |
| QUANTITY AVAILABLE               | 72263 pcs  |
| DATA SHEET                       | <a href="#">NCP1562BDR2G.pdf</a>   |
| VOLTAGE - SUPPLY (VCC/VDD)       | 23.2 V ~ 100 V   |
| TOPOLOGY                         | Forward Converter  |
| 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, Isolation Capable  |
| OTHER NAMES                      | NCP1562BDR2G-ND<br>NCP1562BDR2GOSTR  |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TJ)   |
| NUMBER OF OUTPUTS                | 2  |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant   |
| FUNCTION                         | Step-Up/Step-Down  |
| FREQUENCY - SWITCHING            | 246kHz ~ 1MHz  |
| DUTY CYCLE (MAX)                 | 85%  |
| DETAILED DESCRIPTION             | Forward Converter Regulator Positive, Isolation Capable Output Step-Up/Step-Down DC-DC Controller IC 16-SOIC |
| CONTROL FEATURES                 | Current Limit, Frequency Control, Ramp, Soft Start   |
| CLOCK SYNC                       | Yes  |
| BASE PART NUMBER                 | NCP1562  |

### Related Tags

|  |   |   |
|--|---|---|
| AMI Semiconductor / ON Semiconductor NCP1562BDR2G      | NCP1562BDR2G Distributor                                | NCP1562BDR2G Supplier                                 |
| NCP1562BDR2G Price                                     | NCP1562BDR2G Pictures                                   | NCP1562BDR2G Image                                    |
| NCP1562BDR2G PDF Datasheet                             | NCP1562BDR2G Download Datasheet                         | NCP1562BDR2G Datasheet                                |
| NCP1562BDR2G Stock                                     | Buy NCP1562BDR2G  | Buy AMI Semiconductor / ON Semiconductor NCP1562BDR2G |
| AMI Semiconductor / ON Semiconductor NCP1562BDR2G      | AMI Semiconductor / ON Semiconductor Supplier           | AMI Semiconductor / ON Semiconductor Distributor      |
| AMI Semiconductor / ON Semiconductor NCP1562BDR2G      | ON Semiconductor NCP1562BDR2G                           | Aptina / ON Semiconductor NCP1562BDR2G                |
| Catalyst Semiconductor / ON Semiconductor NCP1562BDR2G | PulseCore Semiconductor / ON Semiconductor NCP1562BDR2G | Sanyo Semiconductor / ON Semiconductor NCP1562BDR2G   |

### Related Products

|   |   |
|---|---|
| <div style="border: 1px solid #ccc; padding: 5px;"> <p><b>NCP1571D</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR BUCK 8SOIC<br/>In stock: 95434 pcs</p> <p style="text-align: center; background-color: #eee; padding: 2px;">RFQ</p> </div>             | <div style="border: 1px solid #ccc; padding: 5px;"> <p><b>NCP1562BDBR2G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR FWRD CONV 16TSSOP<br/>In stock: 97660 pcs</p> <p style="text-align: center; background-color: #eee; padding: 2px;">RFQ</p> </div> |
| <div style="border: 1px solid #ccc; padding: 5px;"> <p><b>NCP1571DR2</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR BUCK 8SOIC<br/>In stock: 144484 pcs</p> <p style="text-align: center; background-color: #eee; padding: 2px;">RFQ</p> </div>          | <div style="border: 1px solid #ccc; padding: 5px;"> <p><b>NCP1562ADR2G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR FWRD CONV 16SOIC<br/>In stock: 70373 pcs</p> <p style="text-align: center; background-color: #eee; padding: 2px;">RFQ</p> </div>   |
| <div style="border: 1px solid #ccc; padding: 5px;"> <p><b>NCP1565MNTXG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC PWM CTLR DUAL MODE 24QFN<br/>In stock: 68927 pcs</p> <p style="text-align: center; background-color: #eee; padding: 2px;">RFQ</p> </div>     | <div style="border: 1px solid #ccc; padding: 5px;"> <p><b>NCP1571DG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR BUCK 8SOIC<br/>In stock: 115366 pcs</p> <p style="text-align: center; background-color: #eee; padding: 2px;">RFQ</p> </div>           |
| <div style="border: 1px solid #ccc; padding: 5px;"> <p><b>NCP1562-100WGEVB</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: BOARD EVAL FOR NCP1562-100W<br/>In stock: 279 pcs</p> <p style="text-align: center; background-color: #eee; padding: 2px;">RFQ</p> </div>   | <div style="border: 1px solid #ccc; padding: 5px;"> <p><b>NCP1562-100WEVBG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: EVAL BOARD FOR NCP1562-100W<br/>In stock: 2965 pcs</p> <p style="text-align: center; background-color: #eee; padding: 2px;">RFQ</p> </div>  |
| <div style="border: 1px solid #ccc; padding: 5px;"> <p><b>NCP1571DR2G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR BUCK 8SOIC<br/>In stock: 131886 pcs</p> <p style="text-align: center; background-color: #eee; padding: 2px;">RFQ</p> </div>         | <div style="border: 1px solid #ccc; padding: 5px;"> <p><b>NCP1560HDR2</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR FWRD CONV 16SOIC<br/>In stock: 5868 pcs</p> <p style="text-align: center; background-color: #eee; padding: 2px;">RFQ</p> </div>     |
| <div style="border: 1px solid #ccc; padding: 5px;"> <p><b>NCP1562ADBR2G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR FWRD CONV 16TSSOP<br/>In stock: 77540 pcs</p> <p style="text-align: center; background-color: #eee; padding: 2px;">RFQ</p> </div> | <div style="border: 1px solid #ccc; padding: 5px;"> <p><b>NCP1565TELECGEV</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: EVAL BOARD NCP1565TELECG<br/>In stock: 427 pcs</p> <p style="text-align: center; background-color: #eee; padding: 2px;">RFQ</p> </div>       |