

NCP1450ASN33T1



**ON Semiconductor®**

**Part Number:** [NCP1450ASN33T1](#)

**Manufacturer:** [AMI Semiconductor / ON Semiconductor](#)

**Description:** IC REG CTRLR BOOST 5TSOP

**Data sheet:**  [NCP1450A](#)

**RoHS Status:** Contains lead / RoHS non-compliant

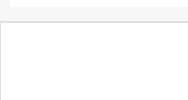
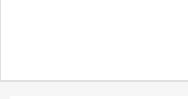
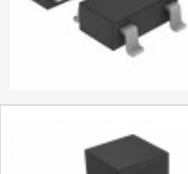
**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                    |                                  |                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------|------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                          | NCP1450ASN33T1                                                     | Manufacturer                     | <a href="#">AMI Semiconductor / ON Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC REG CTRLR BOOST 5TSOP                                           | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                   | 5174 pcs                                                           | Data sheet                       | <a href="#">NCP1450A</a>                             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a>                          | Voltage - Supply (Vcc/Vdd)       | 0.9 V ~ 6 V                                          |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                             | Boost                                                              | Synchronous Rectifier            | No                                                   |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                              | 5-TSOP                                                             | Series                           | -                                                    |
| Serial Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                    | -                                                                  | Packaging                        | Tape & Reel (TR)                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                       | SOT-23-5 Thin, TSOT-23-5                                           | Output Type                      | Transistor Driver                                    |
| Output Phases                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1                                                                  | Output Configuration             | Positive                                             |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                          | NCP1450ASN33TOSTR                                                  | Operating Temperature            | -40°C ~ 85°C (TA)                                    |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                    | 1                                                                  | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                        |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                       | Contains lead / RoHS non-compliant                                 | Function                         | Step-Up                                              |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                                | 180kHz                                                             | Duty Cycle (Max)                 | 80%                                                  |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                 | Boost Regulator Positive Output Step-Up DC-DC Controller IC 5-TSOP | Control Features                 | Enable                                               |
| Clock Sync                                                                                                                                                                                                                                                                                                                                                                                                                                           | No                                                                 | Base Part Number                 | NCP1450A                                             |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all AMI Semiconductor / ON Semiconductor series electronic components. We have 5174 pieces of AMI Semiconductor / ON Semiconductor NCP1450ASN33T1 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                                                    |                                  |                                                      |

| RELATED PRODUCTS                                                                   |                                                                                       |                                                                     |                     |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">NCP1444T</a><br>Description: IC REG MULTI CONFIG ADJ 4A TO220      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP1500DMR2G</a><br>Description: IC REG SGL BUCK/LINEAR 8MICRO     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP1450ASN50T1G</a><br>Description: IC REG CTRLR BOOST 5TSOP       | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP1450ASN27T1G</a><br>Description: IC REG CTRLR BOOST 5TSOP       | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP1501DMR2</a><br>Description: IC REG SGL BUCK/LINEAR 8MICRO      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP1450ASN50T1</a><br>Description: IC REG CTRLR BOOST 5TSOP        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP1450ASN19T1</a><br>Description: IC REG CTRLR BOOST 5TSOP        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP145AMX105TCG</a><br>Description: BIAS RAIL 500MA LDO 1.05       | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP1450ASN30T1G</a><br>Description: IC REG CTRLR BOOST 5TSOP       | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP1445FR4</a><br>Description: IC REG MULT CONFIG INV POWERFLEX7   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP1500DMR2</a><br>Description: IC REG SGL BUCK/LINEAR 8MICRO      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP1445T</a><br>Description: IC REG MULT CONFIG INV ADJ TO220      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP1444FR4</a><br>Description: IC REG MULT CONFIG ADJ POWERFLEX7   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP146CD180R2G</a><br>Description: IC REG LINEAR 1.8V 300MA 8SOIC  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP1450ASN19T1G</a><br>Description: IC REG CTRLR BOOST 5TSOP       | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP1450ASN30T1</a><br>Description: IC REG CTRLR BOOST 5TSOP        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP145AMX120TCG</a><br>Description: IC REG LINEAR 1.2V 500MA 4XDFN | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP145AMX100TCG</a><br>Description: IC REG LINEAR 1V 500MA 4XDFN   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP1450ASN33T1G</a><br>Description: IC REG CTRLR BOOST 5TSOP       | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NCP1450ASN27T1</a><br>Description: IC REG CTRLR BOOST 5TSOP        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |

Related keywords for NCP1450ASN33T1

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