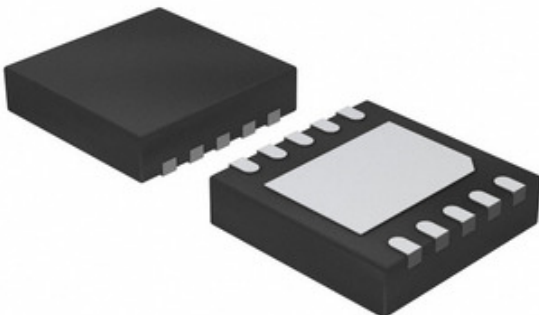


ON Semiconductor®  
ON

AMI Semiconductor / ON

Semiconductor



Part Number:  
Manufacturer/Brand:  
Product description  
Datasheets:  
RoHs Status  
Stock Condition  
Ship From  
Shipment Way

NCP1589DMNTWG  
AMI Semiconductor / ON Semiconductor  
IC REG CTRLR BUCK 10DFN  
 NCP1589DMNTWG.pdf  
 Lead free / RoHS Compliant  
121216 pcs stock  
Hong Kong  
DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

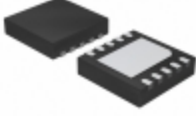
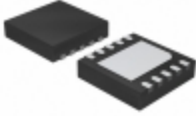
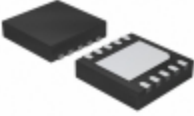
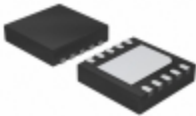
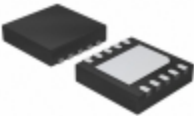
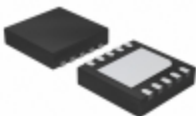
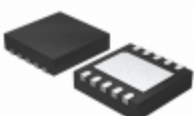
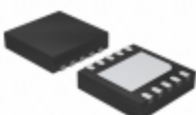
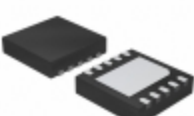
Specifications of NCP1589DMNTWG

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | NCP1589DMNTWG                                                                                         |
| MANUFACTURER                     | AMI Semiconductor / ON Semiconductor                                                                  |
| DESCRIPTION                      | IC REG CTRLR BUCK 10DFN                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| QUANTITY AVAILABLE               | 121216 pcs                                                                                            |
| DATA SHEET                       |  NCP1589DMNTWG.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 4.5 V ~ 13.2 V                                                                                        |
| TOPOLOGY                         | Buck                                                                                                  |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 10-DFN (3x3)                                                                                          |
| SERIES                           | -                                                                                                     |
| SERIAL INTERFACES                | -                                                                                                     |
| PACKAGING                        | Cut Tape (CT)                                                                                         |
| PACKAGE / CASE                   | 10-VFDFN Exposed Pad                                                                                  |
| OUTPUT TYPE                      | Transistor Driver                                                                                     |
| OUTPUT PHASES                    | 1                                                                                                     |
| OUTPUT CONFIGURATION             | Positive                                                                                              |
| OTHER NAMES                      | NCP1589DMNTWGOSCT                                                                                     |
| OPERATING TEMPERATURE            | 0°C ~ 95°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            | -                                                                                                     |
| DUTY CYCLE (MAX)                 | 83%                                                                                                   |
| DETAILED DESCRIPTION             | Buck Regulator Positive Output Step-Down DC-DC Controller IC 10-DFN (3x3)                             |
| CONTROL FEATURES                 | Enable, Power Good                                                                                    |
| CLOCK SYNC                       | No                                                                                                    |
| BASE PART NUMBER                 | NCP1589                                                                                               |

Related Tags

|                                                            |                                                             |                                                           |
|------------------------------------------------------------|-------------------------------------------------------------|-----------------------------------------------------------|
| AMI Semiconductor / ON Semiconductor<br>NCP1589DMNTWG      | NCP1589DMNTWG Distributor                                   | NCP1589DMNTWG Supplier                                    |
| NCP1589DMNTWG Price                                        | NCP1589DMNTWG Pictures                                      | NCP1589DMNTWG Image                                       |
| NCP1589DMNTWG PDF Datasheet                                | NCP1589DMNTWG Download Datasheet                            | NCP1589DMNTWG Datasheet                                   |
| NCP1589DMNTWG Stock                                        | Buy NCP1589DMNTWG                                           | Buy AMI Semiconductor / ON Semiconductor<br>NCP1589DMNTWG |
| AMI Semiconductor / ON Semiconductor<br>NCP1589DMNTWG      | AMI Semiconductor / ON Semiconductor Supplier               | AMI Semiconductor / ON Semiconductor Distributor          |
| AMI Semiconductor / ON Semiconductor<br>NCP1589DMNTWG      | ON Semiconductor NCP1589DMNTWG                              | Aptina / ON Semiconductor NCP1589DMNTWG                   |
| Catalyst Semiconductor / ON Semiconductor<br>NCP1589DMNTWG | PulseCore Semiconductor / ON Semiconductor<br>NCP1589DMNTWG | Sanyo Semiconductor / ON Semiconductor<br>NCP1589DMNTWG   |

Related Products

|                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>NCP1589MNTZG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR BUCK 10DFN<br/>In stock: 4506 pcs<br/>RFQ</div>    | <div></div> <div><b>NCP1593AGEVB</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: BOARD EVAL NCP1593A 3A BUCK REG<br/>In stock: 2157 pcs<br/>RFQ</div>   |
| <div></div> <div><b>NCP1589AMNTWG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR BUCK 10DFN<br/>In stock: 117846 pcs<br/>RFQ</div> | <div></div> <div><b>NCP1588MTR2G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR BUCK 10DFN<br/>In stock: 4709 pcs<br/>RFQ</div>           |
| <div></div> <div><b>NCP1589BMNTWG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR BUCK 10DFN<br/>In stock: 4774 pcs<br/>RFQ</div>   | <div></div> <div><b>NCP1589CMNTWG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR BUCK 10DFN<br/>In stock: 275207 pcs<br/>RFQ</div>        |
| <div></div> <div><b>NCP1589AMNTXG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR BUCK 10DFN<br/>In stock: 285957 pcs<br/>RFQ</div> | <div></div> <div><b>NCP1593AMNTWG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG BUCK ADJ 3A SYNC 10-DFN<br/>In stock: 110669 pcs<br/>RFQ</div> |
| <div></div> <div><b>NCP1589BMNTXG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR BUCK 10DFN<br/>In stock: 239474 pcs<br/>RFQ</div> | <div></div> <div><b>NCP1593BGEVB</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: BOARD EVAL NCP1593B 3A BUCK REG<br/>In stock: 2157 pcs<br/>RFQ</div>   |
| <div></div> <div><b>NCP1589LMNTWG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR BUCK 10DFN<br/>In stock: 109864 pcs<br/>RFQ</div> | <div></div> <div><b>NCP1589MNTWG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR BUCK 10DFN<br/>In stock: 5241 pcs<br/>RFQ</div>           |