

ON Semiconductor®

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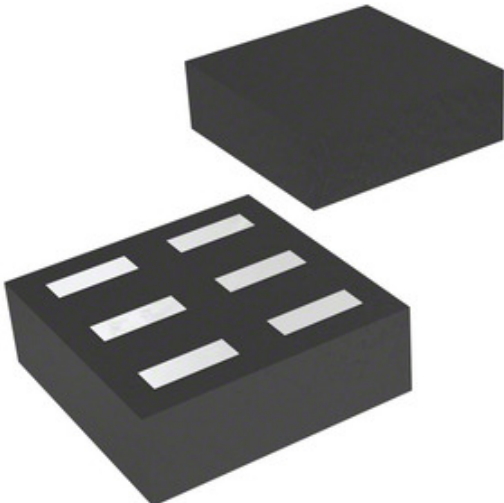


Image may be representation. See specifications for product details.

## NCP4589DMX30TCG

|                     |                                                                                                                       |
|---------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | NCP4589DMX30TCG                                                                                                       |
| Manufacturer/Brand: | AMI Semiconductor / ON Semiconductor                                                                                  |
| Product description | IC REG LINEAR 3V 300MA 6XDFN                                                                                          |
| Datasheets:         |  <a href="#">NCP4589DMX30TCG.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant          |
| Stock Condition     | 317342 pcs stock                                                                                                      |
| Ship From           | Hong Kong                                                                                                             |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                 |

REQUEST FOR QUOTATION

### Specifications of NCP4589DMX30TCG

|                                  |                                                                                                                         |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | NCP4589DMX30TCG                                                                                                         |
| MANUFACTURER                     | AMI Semiconductor / ON Semiconductor                                                                                    |
| DESCRIPTION                      | IC REG LINEAR 3V 300MA 6XDFN                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| QUANTITY AVAILABLE               | 317342 pcs                                                                                                              |
| DATA SHEET                       |  <a href="#">NCP4589DMX30TCG.pdf</a> |
| VOLTAGE DROPOUT (MAX)            | 0.35V @ 300mA                                                                                                           |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 3V                                                                                                                      |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                       |
| VOLTAGE - INPUT (MAX)            | 5.25V                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 6-XDFN (1.2x1.2)                                                                                                        |
| SERIES                           | -                                                                                                                       |
| PROTECTION FEATURES              | Over Current                                                                                                            |
| PACKAGING                        | Tape & Reel (TR)                                                                                                        |
| PACKAGE / CASE                   | 6-XDFN                                                                                                                  |
| PSRR                             | 70dB (1kHz)                                                                                                             |
| OUTPUT TYPE                      | Fixed                                                                                                                   |
| OUTPUT CONFIGURATION             | Positive                                                                                                                |
| OTHER NAMES                      | NCP4589DMX30TCGOSTR                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                                            |
| NUMBER OF REGULATORS             | 1                                                                                                                       |
| MOUNTING TYPE                    | Surface Mount                                                                                                           |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                              |
| DETAILED DESCRIPTION             | Linear Voltage Regulator IC Positive Fixed 1 Output 3V 300mA 6-XDFN (1.2x1.2)                                           |
| CURRENT - QUIESCENT (IQ)         | 4µA                                                                                                                     |
| CURRENT - OUTPUT                 | 300mA                                                                                                                   |
| CONTROL FEATURES                 | Enable                                                                                                                  |
| BASE PART NUMBER                 | NCP4589                                                                                                                 |

### Related Tags

|                                                              |                                                               |                                                             |
|--------------------------------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------|
| AMI Semiconductor / ON Semiconductor<br>NCP4589DMX30TCG      | NCP4589DMX30TCG Distributor                                   | NCP4589DMX30TCG Supplier                                    |
| NCP4589DMX30TCG Price                                        | NCP4589DMX30TCG Pictures                                      | NCP4589DMX30TCG Image                                       |
| NCP4589DMX30TCG PDF Datasheet                                | NCP4589DMX30TCG Download Datasheet                            | NCP4589DMX30TCG Datasheet                                   |
| NCP4589DMX30TCG Stock                                        | Buy NCP4589DMX30TCG                                           | Buy AMI Semiconductor / ON Semiconductor<br>NCP4589DMX30TCG |
| AMI Semiconductor / ON Semiconductor<br>NCP4589DMX30TCG      | AMI Semiconductor / ON Semiconductor Supplier                 | AMI Semiconductor / ON Semiconductor Distributor            |
| AMI Semiconductor / ON Semiconductor<br>NCP4589DMX30TCG      | ON Semiconductor NCP4589DMX30TCG                              | Aptina / ON Semiconductor NCP4589DMX30TCG                   |
| Catalyst Semiconductor / ON Semiconductor<br>NCP4589DMX30TCG | PulseCore Semiconductor / ON Semiconductor<br>NCP4589DMX30TCG | Sanyo Semiconductor / ON Semiconductor<br>NCP4589DMX30TCG   |

### Related Products

|                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                             |
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| <div></div> <div><b>NCP4589DMX12TCG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 1.2V 300MA 6XDFN<br/>In stock: 320783 pcs<br/>RFQ</div>   | <div></div> <div><b>NCP4588DSQ15T1G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 1.5V 200MA SC88A<br/>In stock: 312822 pcs<br/>RFQ</div>   |
| <div></div> <div><b>NCP4589DMX18TCG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 1.8V 300MA 6XDFN<br/>In stock: 358458 pcs<br/>RFQ</div>   | <div></div> <div><b>NCP4589DSN12T1G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 1.2V 300MA SOT23-5<br/>In stock: 344358 pcs<br/>RFQ</div> |
| <div></div> <div><b>NCP4589DSN33T1G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 3.3V 300MA SOT23-5<br/>In stock: 287349 pcs<br/>RFQ</div> | <div></div> <div><b>NCP4589DSN30T1G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 3V 300MA SOT23-5<br/>In stock: 196380 pcs<br/>RFQ</div>   |
| <div></div> <div><b>NCP4588DSQ10T1G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 1V 200MA SC88A<br/>In stock: 283726 pcs<br/>RFQ</div>     | <div></div> <div><b>NCP4588DSQ25T1G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 2.5V 200MA SC88A<br/>In stock: 331872 pcs<br/>RFQ</div>   |
| <div></div> <div><b>NCP4589DSN25T1G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 2.5V 300MA SOT23-5<br/>In stock: 108898 pcs<br/>RFQ</div> | <div></div> <div><b>NCP4589DMX33TCG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 3.3V 300MA 6XDFN<br/>In stock: 291533 pcs<br/>RFQ</div>   |
| <div></div> <div><b>NCP4589DMX28TCG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 2.8V 300MA 6XDFN<br/>In stock: 333975 pcs<br/>RFQ</div>   | <div></div> <div><b>NCP4589DSN18T1G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 1.8V 300MA SOT23-5<br/>In stock: 103794 pcs<br/>RFQ</div> |