

ON Semiconductor®  
ON

AMI Semiconductor / ON

Semiconductor



|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | NCP706MX300TAG                                                                                                       |
| Manufacturer/Brand: | AMI Semiconductor / ON Semiconductor                                                                                 |
| Product description | IC REG LINEAR 3V 1A 8XDFN                                                                                            |
| Datasheets:         |  <a href="#">NCP706MX300TAG.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Stock Condition     | 205262 pcs stock                                                                                                     |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

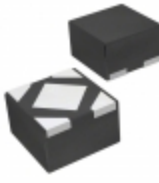
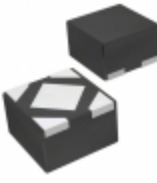
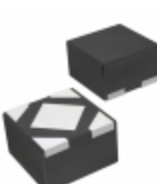
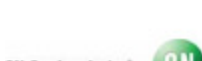
Specifications of NCP706MX300TAG

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | NCP706MX300TAG                                                                                                         |
| MANUFACTURER                     | AMI Semiconductor / ON Semiconductor                                                                                   |
| DESCRIPTION                      | IC REG LINEAR 3V 1A 8XDFN                                                                                              |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| QUANTITY AVAILABLE               | 205262 pcs                                                                                                             |
| DATA SHEET                       |  <a href="#">NCP706MX300TAG.pdf</a> |
| VOLTAGE DROPOUT (MAX)            | 0.23V @ 1A                                                                                                             |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 3V                                                                                                                     |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                                      |
| VOLTAGE - INPUT (MAX)            | 5.5V                                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 8-XDFN (1.6x1.2)                                                                                                       |
| SERIES                           | -                                                                                                                      |
| PROTECTION FEATURES              | Over Current, Over Temperature, Soft Start, Under Voltage Lockout (UVLO)                                               |
| PACKAGING                        | Cut Tape (CT)                                                                                                          |
| PACKAGE / CASE                   | 8-XDFN Exposed Pad                                                                                                     |
| PSRR                             | 58dB ~ 52dB (1kHz ~ 10khz)                                                                                             |
| OUTPUT TYPE                      | Fixed                                                                                                                  |
| OUTPUT CONFIGURATION             | Positive                                                                                                               |
| OTHER NAMES                      | NCP706MX300TAGOSCT                                                                                                     |
| OPERATING TEMPERATURE            | -40°C ~ 125°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 1A 8-XDFN (1.6x1.2)                                             |
| CURRENT - QUIESCENT (IQ)         | 230µA                                                                                                                  |
| CURRENT - OUTPUT                 | 1A                                                                                                                     |
| CONTROL FEATURES                 | Enable                                                                                                                 |

Related Tags

|                                                             |                                                              |                                                            |
|-------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------------------------|
| AMI Semiconductor / ON Semiconductor<br>NCP706MX300TAG      | NCP706MX300TAG Distributor                                   | NCP706MX300TAG Supplier                                    |
| NCP706MX300TAG Price                                        | NCP706MX300TAG Pictures                                      | NCP706MX300TAG Image                                       |
| NCP706MX300TAG PDF Datasheet                                | NCP706MX300TAG Download Datasheet                            | NCP706MX300TAG Datasheet                                   |
| NCP706MX300TAG Stock                                        | Buy NCP706MX300TAG                                           | Buy AMI Semiconductor / ON Semiconductor<br>NCP706MX300TAG |
| AMI Semiconductor / ON Semiconductor<br>NCP706MX300TAG      | AMI Semiconductor / ON Semiconductor Supplier                | AMI Semiconductor / ON Semiconductor Distributor           |
| AMI Semiconductor / ON Semiconductor<br>NCP706MX300TAG      | ON Semiconductor NCP706MX300TAG                              | Aptina / ON Semiconductor NCP706MX300TAG                   |
| Catalyst Semiconductor / ON Semiconductor<br>NCP706MX300TAG | PulseCore Semiconductor / ON Semiconductor<br>NCP706MX300TAG | Sanyo Semiconductor / ON Semiconductor<br>NCP706MX300TAG   |

Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                 |
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|  <div><b>NCP707AMX285TCG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 2.85V 200MA 4XDFN<br/>In stock: 808492 pcs<br/>RFQ</div> |  <div><b>NCP707AMX150TCG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 1.5V 200MA 4XDFN<br/>In stock: 848234 pcs<br/>RFQ</div>  |
|  <div><b>NCP706BMX300TAG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 3V 1A 8XDFN<br/>In stock: 726489 pcs<br/>RFQ</div>       |  <div><b>NCP706MX21TAG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 2.1V 1A 8XDFN<br/>In stock: 248002 pcs<br/>RFQ</div>       |
|  <div><b>NCP706MX295TAG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 2.95V 1A 8XDFN<br/>In stock: 828581 pcs<br/>RFQ</div>     |  <div><b>NCP707AMX185TCG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 1.85V 200MA 4XDFN<br/>In stock: 866558 pcs<br/>RFQ</div> |
|  <div><b>NCP707AMX280TCG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 2.8V 200MA 4XDFN<br/>In stock: 1006127 pcs<br/>RFQ</div> |  <div><b>NCP707AMX250TCG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 2.5V 200MA 4XDFN<br/>In stock: 946549 pcs<br/>RFQ</div>  |
|  <div><b>NCP706MX22TAG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 2.2V 1A 8XDFN<br/>In stock: 1051854 pcs<br/>RFQ</div>      |  <div><b>NCP706MX21TAGEVB</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: EVAL BOARD NCP706MX21TAG<br/>In stock: 3364 pcs<br/>RFQ</div>         |
|  <div><b>NCP706MX22TAGEVB</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: EVAL BOARD NCP706MX22TAG<br/>In stock: 2161 pcs<br/>RFQ</div>         |  <div><b>NCP707AMX180TCG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 1.8V 200MA 4XDFN<br/>In stock: 834208 pcs<br/>RFQ</div>  |