

NCP1027P100G



ON Semiconductor®

Part Number: [NCP1027P100G](#)

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

Description: IC SWIT PWM PROG CM OVP HV 7DIP

Data sheet:  [NCP1027](#)

RoHs Status: Lead free / RoHS Compliant

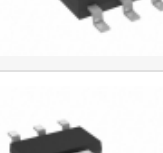
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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                  |                                |                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------|------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                         | NCP1027P100G                                     | Manufacturer                   | <a href="#">AMI Semiconductor / ON Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC SWIT PWM PROG CM OVP HV 7DIP                  | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                  | 90658 pcs                                        | Data sheet                     | <a href="#">NCP1027</a>                              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a>        | Voltage - Supply (Vcc/Vdd)     | 7.2 V ~ 10 V                                         |
| Voltage - Start Up                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8.5V                                             | Voltage - Breakdown            | 700V                                                 |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                            | Flyback                                          | Supplier Device Package        | 7-PDIP                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                                | Power (Watts)                  | 25W                                                  |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                           | Tube                                             | Package / Case                 | 8-DIP (0.300", 7.62mm), 7 Leads                      |
| Output Isolation                                                                                                                                                                                                                                                                                                                                                                                                                                    | Isolated                                         | Other Names                    | NCP1027P100GOS                                       |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                               | 0°C ~ 125°C (TJ)                                 | Mounting Type                  | Through Hole                                         |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                    | 1 (Unlimited)                                    | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                           |
| Internal Switch(s)                                                                                                                                                                                                                                                                                                                                                                                                                                  | Yes                                              | Frequency - Switching          | 100kHz                                               |
| Fault Protection                                                                                                                                                                                                                                                                                                                                                                                                                                    | Over Power, Over Voltage, Short Circuit          | Duty Cycle                     | 80%                                                  |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                | Converter Offline Flyback Topology 100kHz 7-PDIP | Control Features               | -                                                    |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                    | NCP1027                                          |                                |                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                                     |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">NCP1015AP065G</a><br>Description: IC OFFLINE SWIT SMPS CM 7DIP     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP1028LEDGEVB</a><br>Description: EVAL BOARD FOR NCP1028LEDG      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP1028P100G</a><br>Description: IC SWIT HV 7DIP                   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP1015AP100G</a><br>Description: IC OFFLINE SWIT SMPS CM 7DIP     | Manufacturers: <a href="#">ON Semiconductor</a>                     | <div>RFQ</div> |
|  | Part#: <a href="#">NCP1030GEVB</a><br>Description: EVAL BOARD FOR NCP1030             | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP1031DR2</a><br>Description: IC CTRLR PWM OTP OVD HV 8SOIC       | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP102MBGEVB</a><br>Description: EVAL BOARD FOR NCP102MBG          | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP1028P065G</a><br>Description: IC SWIT HV 7DIP                   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP1014STBUCGEVB</a><br>Description: EVAL BOARD FOR NCP1014STBUCG  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP1015ST100T3G</a><br>Description: IC OFFLINE SWIT SMPS CM SOT223 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP1014ST100T3G</a><br>Description: IC CTRL/MOSFET 100KHZ SOT223   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP1030DMR2</a><br>Description: IC CTRLR PWM OTP OVD HV MICRO8     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP1031AMNTXG</a><br>Description: ANA BIAS REGULATOR CNTRLR        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP1014ST65T3</a><br>Description: IC OFFLINE SWIT SMPS CM SOT223   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP1027P065G</a><br>Description: IC SWIT PWM PROG CM OVP HV 7DIP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP1030DMR2G</a><br>Description: IC CTRLR PWM OTP OVD HV MICRO8    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP1014ST65T3G</a><br>Description: IC CTRL/MOSFET 65KHZ SOT223     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP102SNT1G</a><br>Description: IC LNR REG CTRLR 1OUT 6TSOP        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP1015ST65T3G</a><br>Description: IC OFFLINE SWIT SMPS CM SOT223  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCP1027ATXGEVB</a><br>Description: BOARD EVAL NCP1027 10W STANDBY  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |

Related keywords for NCP1027P100G

|                                        |                                      |                                           |                                            |
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| AMI Semiconductor / ON Semiconductor   | NCP1027P100G distributor             | NCP1027P100G supplier                     | NCP1027P100G price                         |
| NCP1027P100G                           | NCP1027P100G download datasheet      | NCP1027P100G datasheet                    | NCP1027P100G stock                         |
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|                                        |                                      | NCP1027P100G                              | NCP1027P100G                               |
| Sanyo Semiconductor / ON Semiconductor |                                      |                                           |                                            |
| NCP1027P100G                           |                                      |                                           |                                            |

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