

NCV7805BTG



ON Semiconductor®

Part Number: [NCV7805BTG](#)

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

Description: IC REG LINEAR 5V 1A TO220AB

Data sheet:  [MC78zz\(z\), NCV78zz](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                    |                                  |                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------|------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                        | NCV7805BTG                                                         | Manufacturer                     | <a href="#">AMI Semiconductor / ON Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                        | IC REG LINEAR 5V 1A TO220AB                                        | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                 | 245629 pcs                                                         | Data sheet                       | <a href="#">MC78zz(z), NCV78zz</a>                   |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                           | <a href="#">Integrated Circuits (ICs)</a>                          | Voltage Dropout (Max)            | 2V @ 1A (Typ)                                        |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                       | 5V                                                                 | Voltage - Output (Max)           | -                                                    |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                              | 35V                                                                | Supplier Device Package          | TO-220AB                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                             | Automotive, AEC-Q100                                               | Protection Features              | Over Temperature, Short Circuit                      |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                          | Tube                                                               | Package / Case                   | TO-220-3                                             |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                               | 83dB (120Hz)                                                       | Output Type                      | Fixed                                                |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                               | Positive                                                           | Other Names                      | NCV7805BTGOS                                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                              | -40°C ~ 125°C                                                      | Number of Regulators             | 1                                                    |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                      | Through Hole                                                       | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                        |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                    | 35 Weeks                                                           | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                           |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                               | Linear Voltage Regulator IC Positive Fixed 1 Output 5V 1A TO-220AB | Current - Quiescent (Iq)         | 8mA                                                  |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                   | 1A                                                                 | Control Features                 | -                                                    |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                   | NCV7805                                                            |                                  |                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                                     |                |
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|  | Part#: <a href="#">NCV7754DPR2G</a><br>Description: IC DVR LOW SIDE 8CH RELAY 24SSOP | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV7805ABD2TR4G</a><br>Description: IC REG LINEAR 5V 1A D2PAK     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV7812BTG</a><br>Description: IC REG LINEAR 12V 1A TO220AB       | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV7805BDTRKG</a><br>Description: IC REG LINEAR 5V 1A DPAK        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV7809BD2TR4G</a><br>Description: IC REG LINEAR 9V 1A D2PAK      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV7808BDTRKG</a><br>Description: IC REG LINEAR 8V 1A DPAK        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV7812BD2TR4G</a><br>Description: IC REG LINEAR 12V 1A D2PAK     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV7809BTG</a><br>Description: IC REG LINEAR 9V 1A TO220-3        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV7805BD2TR4G</a><br>Description: IC REG LINEAR 5V 1A D2PAK      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">NCV7808BTG</a><br>Description: IC REG LINEAR 8V 1A TO220AB        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV7805BD2TR4</a><br>Description: IC REG LINEAR 5V 1A D2PAK       | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV7805BD2TG</a><br>Description: IC REG LINEAR 5V 1A D2PAK        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV7808BD2TR4G</a><br>Description: IC REG LINEAR 8V 1A D2PAK      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">NCV7751DQR2G</a><br>Description: IC DVR LO SIDE 12CH RELAY 24SSOP | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV7805BT</a><br>Description: IC REG LINEAR 5V 1A TO220AB         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV7808BDTG</a><br>Description: IC REG LINEAR 8V 1A DPAK          | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NCV7748GEVB</a><br>Description: EVAL BRD NCV7748                  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
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