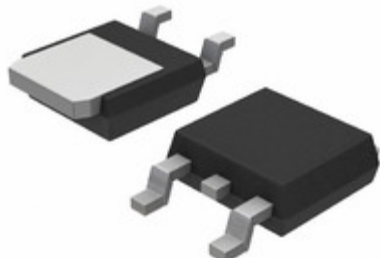




## NID5001NT4

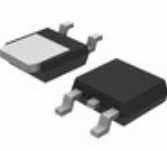
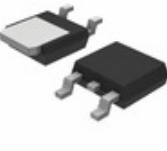





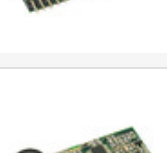



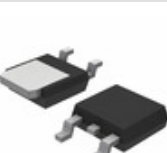


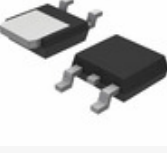




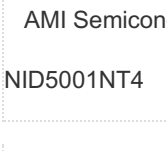
|   |  |  |
|---|--|--|
|  | <p><b>ON Semiconductor</b> </p> <p><b>Part Number:</b> <a href="#">NID5001NT4</a></p> <p><b>Manufacturer:</b> <a href="#">AMI Semiconductor / ON Semiconductor</a></p> <p><b>Description:</b> MOSFET N-CH 42V 33A DPAK</p> <p><b>Data sheet:</b>  <a href="#">NID5001N</a></p> | <p><b>RoHS Status:</b> Contains lead / RoHS non-compliant</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p> |
|   | <p>Images are for reference only.<br/>See Product Specifications for product details.<br/><b>Buy NID5001NT4 with confidence from Component-World.HK, 1 Year Warranty</b></p>   |  |

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| PRODUCT PARAMETER              |  |                                  |  |
|--------------------------------|--|----------------------------------|--|
| Part Number                    | NID5001NT4   | Manufacturer                     | <a href="#">AMI Semiconductor / ON Semiconductor</a> |
| Description                    | MOSFET N-CH 42V 33A DPAK                                 | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                   |
| Quantity Available             | 5820 pcs   | Data sheet                       | <a href="#">NID5001N</a>                             |
| Category                       | <a href="#">Integrated Circuits (ICs)</a>                | Voltage - Supply (Vcc/Vdd)       | Not Required   |
| Voltage - Load                 | 42V (Max)  | Switch Type                      | General Purpose                                      |
| Supplier Device Package        | DPAK   | Series                           | HDPlus™  |
| Rds On (Typ)                   | 23 mOhm  | Ratio - Input:Output             | 1:1  |
| Packaging                      | Tape & Reel (TR)   | Package / Case                   | TO-252-3, DPak (2 Leads + Tab), SC-63                |
| Output Type                    | N-Channel  | Output Configuration             | Low Side   |
| Other Names                    | NID5001NT4OS<br>NID5001NT4OS-ND<br>NID5001NT4OSTR        | Operating Temperature            | -55°C ~ 150°C (TJ)                                   |
| Number of Outputs              | 1  | Moisture Sensitivity Level (MSL) | 1 (Unlimited)  |
| Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                       | Interface                        | On/Off   |
| Input Type                     | Non-Inverting  | Features                         | Auto Restart, Slew Rate Controlled                   |
| Fault Protection               | Current Limiting (Fixed), Over Temperature, Over Voltage | Current - Output (Max)           | 33A  |
| Base Part Number               | NID5001N   |                                  |  |

Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all AMI Semiconductor / ON Semiconductor series electronic components. We have 5820 pieces of AMI Semiconductor / ON Semiconductor NID5001NT4 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.

RFQ Email: [info@Components-World.com](mailto:info@Components-World.com)

| RELATED PRODUCTS   |  |   |                     |
|--|--|---|---------------------|
|  | Part#: <a href="#">NID9N05CLT4G</a><br>Description: MOSFET N-CH CLAMP 9A 52V DPAK  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NID5003NT4G</a><br>Description: MOSFET PWR HD+ 20A 42V ESD DPAK | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NID5004NT4G</a><br>Description: MOSFET N-CH 40V 6.5A DPAK       | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NID9N05CL</a><br>Description: MOSFET N-CH CLAMP 9A 52V DPAK     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NID30S24-12</a><br>Description: DC DC CONVERTER 12V 30W         | Manufacturers: <a href="#">MEAN WELL</a>                            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NID30S24-05</a><br>Description: DC DC CONVERTER 5V 13W          | Manufacturers: <a href="#">MEAN WELL</a>                            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NID6002NT4</a><br>Description: IC FET SGL N-CH 6.5A 65V DPAK    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NID60S48-24</a><br>Description: DC DC CONVERTER 24V 60W         | Manufacturers: <a href="#">MEAN WELL</a>                            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NID60S24-12</a><br>Description: DC DC CONVERTER 12V 48W         | Manufacturers: <a href="#">MEAN WELL</a>                            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NID5003NT4</a><br>Description: MOSFET N-CH 42V 20A DPAK         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NID30S24-15</a><br>Description: DC DC CONVERTER 15V 30W         | Manufacturers: <a href="#">MEAN WELL</a>                            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NID6002NT4G</a><br>Description: IC FET SGL N-CH 6.5A 65V DPAK   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NID9N05ACL4G</a><br>Description: MOSFET N-CH 52V 9A LL DPAK-3   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">VN31SP-E</a><br>Description: IC SMART PWR SSR ISO POWERSO10     | Manufacturers: <a href="#">STMicroelectronics</a>                   | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NID60S24-05</a><br>Description: DC DC CONVERTER 5V 20W          | Manufacturers: <a href="#">MEAN WELL</a>                            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NID9N05CLT4</a><br>Description: MOSFET N-CH CLAMP 9A 52V DPAK   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NID9N05CLG</a><br>Description: MOSFET N-CH CLAMP 9A 52V DPAK    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NID60S24-15</a><br>Description: DC DC CONVERTER 15V 60W         | Manufacturers: <a href="#">MEAN WELL</a>                            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NID5001NT4G</a><br>Description: MOSFET PWR HD+ 33A 42V ESD DPAK | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">NID30S48-24</a><br>Description: DC DC CONVERTER 24V 30W         | Manufacturers: <a href="#">MEAN WELL</a>                            | <a href="#">RFQ</a> |

| Related keywords for NID5001NT4        |                                      |   |  |
|--|--------------------------------------|---|--|
| AMI Semiconductor / ON Semiconductor   | NID5001NT4 distributor               | NID5001NT4 supplier                       | NID5001NT4 price                           |
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|  |                                      | NID5001NT4                                | NID5001NT4                                 |
| Sanyo Semiconductor / ON Semiconductor |                                      |   |  |
| NID5001NT4                             |                                      |   |  |

