



VNP14N04

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | VNP14N04                                                                                                       |
| Manufacturer/Brand: | STMicroelectronics                                                                                             |
| Product description | MOSFET N-CH 42V 14A TO-220                                                                                     |
| Datasheets:         |  <a href="#">VNP14N04.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

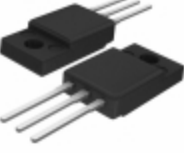
Specifications of VNP14N04

|                                  |                                                                                                                  |
|----------------------------------|------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | VNP14N04                                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                               |
| DESCRIPTION                      | MOSFET N-CH 42V 14A TO-220                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                       |
| DATA SHEET                       |  <a href="#">VNP14N04.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | Not Required                                                                                                     |
| VOLTAGE - LOAD                   | 35V (Max)                                                                                                        |
| SWITCH TYPE                      | General Purpose                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | TO-220AB                                                                                                         |
| SERIES                           | OMNIFET™, VIPower™                                                                                               |
| RDS ON (TYP)                     | 70 mOhm (Max)                                                                                                    |
| RATIO - INPUT:OUTPUT             | 1:1                                                                                                              |
| PACKAGING                        | Tube                                                                                                             |
| PACKAGE / CASE                   | TO-220-3                                                                                                         |
| OUTPUT TYPE                      | N-Channel                                                                                                        |
| OUTPUT CONFIGURATION             | Low Side                                                                                                         |
| OTHER NAMES                      | 497-2661-5                                                                                                       |
| OPERATING TEMPERATURE            | -                                                                                                                |
| NUMBER OF OUTPUTS                | 1                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                       |
| INTERFACE                        | On/Off                                                                                                           |
| INPUT TYPE                       | Non-Inverting                                                                                                    |
| FEATURES                         | -                                                                                                                |
| FAULT PROTECTION                 | Current Limiting (Fixed), Over Temperature, Over Voltage                                                         |
| CURRENT - OUTPUT (MAX)           | 10A                                                                                                              |
| BASE PART NUMBER                 | VN*14N                                                                                                           |

Related Tags

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Related Products

|                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>VNP10N06-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET OMNIFET 60V 10A TO-220<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>VNP14NV04-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET OMNIFETII 40V 12A TO-2203<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>VNP10N06FI</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET POWER 60V 10A ISOWATT220<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>VNP10N07FI</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET N-CH 70V 10A ISOWATT-220<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>VNP20N07</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET N-CH 70V 20A TO-220<br/>In stock: Out stock<br/><div>RFQ</div></div>        |  <div><b>VNP10N07FI-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET POWER 70V 10A ISOWATT220<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>VNP14N04-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET OMNIFET 42V 14A TO-220<br/>In stock: Out stock<br/><div>RFQ</div></div>   |  <div><b>VNP20N07-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET OMNIFET 70V 20A TO-220<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
|  <div><b>VNP14N04FI</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET POWER 42V 14A ISOWATT220<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>VNP14NV04</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET POWER 40V 12A TO-220-3<br/>In stock: Out stock<br/><div>RFQ</div></div>      |
|  <div><b>VNP10N07</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET N-CH 70V 10A TO-220<br/>In stock: Out stock<br/><div>RFQ</div></div>        |  <div><b>VNP10N07-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: MOSFET OMNIFET 70V 10A TO-220<br/>In stock: Out stock<br/><div>RFQ</div></div>     |